# Limited Phase II Environmental Site Assessment

2014-2020 Fulton Street and
A Portion of (p/o) 2020A Fulton Street
Block 1549 Lots 18, 19, 20, 21, 22, and p/o of 23
Brooklyn, New York

September 12, 2025

Prepared for:

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# 1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Steps at Saratoga Housing Development Fund Corporation (Steps at Saratoga HDFC) has prepared this Limited Phase II Environmental Site Assessment (ESA) to characterize environmental conditions of the property at 2014 - 2020 Fulton Street and a portion of (p/o) 2020A Fulton Street, Block 1549 Lots 18, 19, 20, 21, 22, and p/o of 23 in the Borough of Brooklyn, City and State of New York (Site). The Site is located in the Bedford Stuyvesant section of Brooklyn. A Site Location Map is provided in Figure 1. The Site footprint consists of vacant lots that are currently owned by New York City Department of Housing Preservation and Development (HPD). The proposed development consists of an affordable housing residential building for seniors with 12 floors, a rooftop and a cellar. The building will be comprised of 86 units for low-income seniors aged 62 and over earning up to 50% of Area Median Income. The cellar and ground floor of the building will feature community facility space. The second floor through the 12th floor will consist of residences. The building will be accompanied by a backyard with a greenhouse, gardening plots, seating areas, and a fitness center. Each of the tax lots within the Site have been assigned E-Designations for Noise and Hazardous Materials by the New York City Department of City Planning (DCP) during the 2007 Bedford Stuyvesant South Rezoning and Text Amendment (CEQR Number 07DCP070K).

The objective of this Limited Phase II ESA was to obtain preliminary shallow soil data ahead of planned redevelopment to allow for an informed evaluation of the eligibility of the Site for the New York State Brownfield Cleanup Program (BCP) administered by the New York State Department of Environmental Conservation (NYSDEC) and potential remedial approach. The BCP provides incentives for the redevelopment of properties within New York State that include Site Preparation (i.e., remedial cost) and Tangible Property (i.e., redevelopment) tax credits. Given that the redevelopment plan includes affordable housing, and the Site is wholly located within an En-Zone, the project is eligible for consideration for acceptance into the BCP with both Site Preparation and Tangible Property Tax Credit benefits. The threshold would be met for enrollment in the BCP if analytical results from soil samples collected from the Site exceed the Part 375 Restricted Residential Soil Cleanup Objectives (RRSCOs). However, the BCP requires that soil contamination be present above applicable standards (RRSCOs) at each tax lot as they are apportioned at the time of enrollment (i.e., each of the lots need to have evidence of soil contamination).

## 1.1 Property Location and Site Description

The Site is an approximately 0.24-acre parcel comprised of five tax lots and one partial tax lot located within the Bedford Stuyvesant neighborhood of Brooklyn and is currently owned by HPD. Currently, the Site sits as vacant, vegetated lots. Development in the surrounding area is zoned for mixed commercial and residential development.

## 1.2 Site History

Based on Roux's review of the Phase I ESA, dated October 25, 2023, the Site was first developed by 1888 with mixed use buildings. Listings for the Site consisted of residence names and commercial operations including woodworking, truck parking, a trading company and a dry goods store. By 2001, all former buildings were no longer present, and a majority of the Site remained truck parking. The Site remained in this layout until the most recent 2007 Sanborn Map. During the 2023 reconnaissance, the Site was observed to be vacant and undeveloped.

## 1.3 Summary of Previous Environmental Investigations

In October 2023, Roux prepared a Phase I ESA for Steps at Saratoga HDFC for a subject property encompassing the entire Site and east adjoining vacant lots (Block 1549, the remainder of Lot 23, Lots 24-26 and 28-35) known collectively as the proposed family building. The Phase I ESA identified one REC specific to the Site: historical operations as a truck parking lot. Roux is unaware of any other environmental investigations conducted at the Site.

# 2. Methods of Investigation

The following scope of work was developed to investigate environmental conditions at the Site. A Site Plan showing soil boring and soil vapor sampling locations is included as Figure 2.

## 2.1 Soil Investigation

The scope of work consisted of five soil borings (RX-18-01 through RX-22-01). Each boring location was cleared to a depth of 5 feet below land surface (ft bls) using hand tools to prevent damage to potential unmarked subsurface utilities. Soil from each of the borings was visually inspected for evidence of impacts and screened for organic vapors in the field using a photoionization detector (PID). Soil lithology was recorded according to the Unified Soils Classification System (USCS).

One soil sample from each of the soil borings was collected for laboratory analysis from the two-foot interval exhibiting the greatest evidence of impact (elevated PID detections, odors, or staining), or signs of fill. If no evidence of impacts was observed during soil boring advancement, the soil sample was obtained from 0-2 ft bls.

## 2.2 Soil Vapor Investigation

Two of the soil borings were converted to soil vapor sampling points (RX-18-01 and RX-21-01). At each location, a temporary, six-inch stainless-steel screen was installed at approximately 5 ft bls with Teflon-lined sampling tubing extending to the surface. The annular space surrounding the screen was backfilled with clean sand to just below grade and sealed with bentonite to prevent ambient air intrusion.

The integrity of each soil vapor sampling point seal was checked in accordance with New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York following installation to verify that the soil vapor sample was not compromised by inadvertent introduction of ambient air into the sample. This step was conducted as a QA/QC measure to verify that the soil vapor sample was compromised by inadvertent introduction of ambient air into the sample. Soil vapor was purged from the point using an air pump calibrated to approximately 0.2 liters per minute while the sampling point was covered at the surface with a small enclosure that is partially filled with helium. The soil vapor discharging from the air pump and the air within the enclosure were continuously monitored for helium during purging.

Samples were collected using batch certified vacuum canisters equipped with laboratory-supplied, two-hour regulators for analysis of organic vapors.

## 2.3 Laboratory Analysis

All samples were analyzed at Eurofins of Edison, New Jersey, and Burlington, Vermont, both NYSDOH Environmental Laboratory Accreditation Program (ELAP)-certified laboratories (11452 and 10391). Soil was analyzed for target compound list (TCL) volatile organic compounds (VOCs) using USEPA Method 8260C, TCL semivolatile organic compounds (SVOCs) using USEPA Method 8270D, pesticides using USEPA Method 8081B, polychlorinated biphenyls (PCBs) using USEPA Method 8082A and Target Analyte List (TAL) metals using USEPA Method 6010 on a standard five-day turnaround time. Soil vapor samples were analyzed for VOCs using USEPA Method TO-15.

# 3. Quality Assurance/Quality Control Procedures

Quality assurance/quality control (QA/QC) procedures were used to provide performance information with regard to accuracy, precision, sensitivity, representation, completeness, and comparability associated with the sampling and analysis for this investigation. Field QA/QC procedures were used (1) to document that samples are representative of actual conditions at the Site; and (2) identify possible cross contamination from field activities or sample transit. Laboratory QA/QC procedures and analyses were used to demonstrate whether analytical results have been biased either by interfering compounds in the sample matrix, or by laboratory techniques that may have introduced systematic or random errors to the analytical process. A summary of the field QA/QC procedures is provided below.

## 3.1 Field QA/QC

Field QA/QC included the following procedures:

- Analysis of field blank, a field duplicate soil sample, and a field duplicate soil vapor sample;
- Calibration of field equipment, including PID, on a daily basis;
- Use of dedicated or disposable field sampling equipment;
- Proper sample handling and preservation;
- Proper sample chain-of-custody documentation; and
- Logging of activities in a field book.

The QA/QC procedures listed above were implemented according to the descriptions below.

- One field duplicate was analyzed for soil to evaluate field sampling precision and measurement reproducibility of the same parameter under the given set of conditions; and
- Disposable sampling equipment, including acetate sleeves, latex gloves, and sample tubing, was used to minimize cross contamination between samples.

## 3.2 Sample Custody

Sample handling in the field conformed to appropriate sample custody procedures. Field custody procedures include proper sample identification, chain-of-custody forms, and packaging and shipping procedures. Sample labels were attached to all sampling bottles before field activities began to ensure proper sample identification. Each label identifies the site and sample location. Ice was placed with soil samples in coolers for sample preservation purposes. After each sample was collected and appropriately identified and packaged, all relevant information was entered legibly into the laboratory-supplied chain-of-custody form. Samples were transported to the laboratory by courier.

## 3.3 Field Documentation

Field logs and borings logs were completed during the course of this investigation. The field log completed on a daily basis described all field activities including:

- Project number, name, manager, and address;
- Date and time;
- Weather conditions;

- On-site personnel and associated affiliations;
- Description of field activities; and
- Pertinent sample collection information including sample identification numbers, description of samples, location of sampling points, number of samples taken, method of sample collection and factors that may affect its quality, time of sample collection, name of collector, and field screening results.

A boring log has been completed for each boring and includes the following information:

- Date and time;
- Drilling company and method used;
- Boring number;
- Total boring depth; and
- Pertinent soil sample information including sample number, interval, depth, amount recovered, color, composition, percent moisture, visual and olfactory observations of contamination, and PID readings.

# 4. Limited Phase II ESA Results

Work completed as part of this Phase II ESA included the collection of soil and soil vapor samples. An overview of hydrogeologic conditions, followed by an evaluation of the environmental media sampling results is provided below. Soil boring logs developed for each location are provided in Appendix A. A full set of laboratory analytical data is provided as Appendix B.

## 4.1 Site Geology

The Site is underlain with a mixture of historic fill consisting of predominantly sand, with gravel, brick, and other demolition debris throughout the 0-5 ft bls range. Bedrock was not encountered during advancement to a terminal depth of 5 ft bls. Soil boring logs are provided in Appendix A.

## 4.2 Site Hydrogeology

Groundwater was not encountered at the Site at each of the five soil borings. Based on the surrounding topography and regional direction of groundwater flow in the area, the presumed groundwater flow in the vicinity of the Site is northwest toward East River, located approximately 3.15 miles northwest of the Site.

## 4.3 Soil Investigation Analytical Results

The following section presents the results of the soil sampling and laboratory analysis. No evidence of impacts such as elevated PID detections, odors, or staining were observed during borehole advancement. A total of five soil samples and one duplicate were collected for laboratory analysis.

The concentrations of VOCs, SVOCs, metals, PCBs, and pesticides were compared to the NYSDEC 6 New York Code of Rules and Regulations (NYCRR) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs) and Protection of Groundwater Soil Cleanup Objectives (PGWSCO) and are provided in Tables 1 through 5 and in the laboratory analytical reports provided in Appendix B. The rationale for comparing soil analytical results to these standards is based on the planned residential redevelopment of the Site. Soil samples with concentrations in exceedance of UUSCOs, RRSCOs and/or PGWSCO are depicted on Figure 3.

No VOCs were detected above respective UUSCOs, RRSCOs or PGWSCOs in shallow soil samples collected.

SVOCs, including benzo(A)anthracene, benzo(A)pyrene, benzo(B)fluoranthene, chrysene, dibenz(A,H)anthracene, and indeno(1,2,3-C,D)pyrene, were detected above UUSCOs and RRSCOs in four of the soil sampling locations. Three samples also contain SVOC exceedances of PGWSCOs. In addition, benzo(K)fluoranthene was detected above its UUSCO in two soil samples, RX-21-01 (0-2) and RX-19-01 (0-2), and also above its PGWSCO in one shallow soil sample, RX-19-01 (0-2). These compounds are a subset of SVOCs know as polycyclic aromatic hydrocarbons (PAHs). PAHs are derived from the incomplete combustion of fossil fuels and are common constituents of historic urban fill. No other SVOCs were detected at concentrations in exceedance of UUSCOs, PGWSCOs or RRSCOs in any of the soil samples. SVOCs were not detected in exceedance of UUSCOs, PGWSCOs or RRSCOs in one soil sample, RX-20-01 (0-2).

Four of the five of the soil samples contain detections of metals above UUSCOs. In general, the metal exceedances were within one order of magnitude of the UUSCOs. The metals that were detected in exceedance of UUSCOs are copper, lead, mercury, and zinc, which are commonly associated with historic urban fill. Lead is the only metal detected above its respective RRSCO in one of the soil samples collected, RX-21-01 (0-2). No other metals were detected at concentrations in exceedance of UUSCOs, RRSCOs or PGWSCOs in any of the soil samples. Metals were not detected in exceedance of UUSCOs, RRSCOs, or PGWSCOs in one soil sample RX-20-01 (0-2).

No PCBs were detected above the respective UUSCOs, RRSCOs or PGWSCOs in soil samples collected.

One pesticide, 4,4'-DDT, was detected above its UUSCO but below its RRSCO and PGWSCO in two soil samples, RX-18-1 (0-2) and RX-21-01 (0-2). No other pesticides were detected at concentrations above UUSCOs, RRSCOs or PGWSCOs in any of the soil samples. Pesticides at these concentrations are commonly associated with historic urban fill.

## 4.4 Soil Vapor Investigation Analytical Results

Two soil vapor samples and one duplicate soil vapor sample were collected from two locations (RX-18-01 and RX-21-01) and analyzed for VOCs. The soil vapor analytical data is provided in Table 11 and laboratory analytical reports are provided in Appendix B. Soil vapor sample detections are depicted on Figure 5.

The NYSDOH October 2006 Guidance for Evaluating Soil Vapor Intrusion (SVI Guidance), updated in February 2024, provides six matrices (A through F) with guidance values for sub-slab and indoor air comparison for eight chlorinated VOCs (CVOCs) and petroleum-related VOCs. The concentrations considered in the matrix are intended for sub-slab vapor beneath an existing building and indoor air within the building, and therefore a direct comparison cannot be made to the data collected during this investigation. A summary of the concentrations of compounds included in each matrix is provided below.

*Matrix A Compounds*: carbon tetrachloride, cis-1,2-dichloroethene, 1,1-dichloroethene, trichlororethene (TCE)

- Carbon tetrachloride was detected in both samples and the duplicate at concentrations ranging from 0.22 micrograms per cubic meter (µg/m$^3$) to 0.5 µg/m$^3$.
- Cis-1,2-dichloroethene, 1,1- dichloroethane, and TCE were not detected in soil vapor.

*Matrix B Compounds:* PCE, 1,1,1-trichloroethane, methylene chloride

- PCE was detected in both samples and the duplicate at concentrations ranging from 0.21J µg/m$^3$ to 0.61J µg/m$^3$.
- 1,1,1-Trichloroethane was detected in one sample and the associated duplicate at concentrations ranging from 1.0J µg/m$^3$ to 1.2 µg/m$^3$.
- Methylene chloride was detected in one sample at 0.78J µg/m$^3$.

*Matrix C Compound*: Vinyl chloride

- Vinyl chloride was not detected in soil vapor.

*Matrix D Compounds:* Benzene, Ethylbenzene, Naphthalene, Cyclohexane, Isooctane (2,2,4 – Trimethylpentane), 1,2,4 – Trimethylbenzene ,1,3,5 – Trimethylbenzene, o – Xylene

- Benzene was detected in both samples and the duplicate at concentrations ranging from 2 µg/m$^3$ to 4 µg/m$^3$.

- Ethylbenzene was detected in both samples and the duplicate at concentrations ranging from 5.4 µg/m$^3$ to 8 µg/m$^3$.
- Naphthalene was not detected in soil vapor.
- Cyclohexane was detected in two samples ranging from 0.26J µg/m$^3$ to 0.32J µg/m$^3$.
- Isooctane (2,2,4 – Trimethylpentane) was detected in two samples at concentrations ranging from 0.2J µg/m$^3$ to 0.6J µg/m$^3$.
- 1,2,4-Trimethylbenzene was detected in one sample and the associated duplicate at concentrations ranging from 0.68J µg/m$^3$ and 0.89J µg/m$^3$.
- 1,3,5-Trimethylbenzene was detected in one sample and the associated duplicate at concentrations ranging from 0.28J µg/m$^3$ and 0.36J µg/m$^3$.
- o-Xylene was detected in both samples and the duplicate at concentrations ranging from 7.6 µg/m$^3$ to 9.5 µg/m$^3$.

*Matrix E Compounds:* m – Xylene, p – Xylene, Heptane, Hexane

- m,p-Xylene was detected in both samples and the duplicate at concentrations ranging from 25 µg/m$^3$ to 32 µg/m$^3$.
- Heptane was detected in both samples and the duplicate at concentrations ranging from 2.1 µg/m$^3$ to 35 µg/m$^3$.
- Hexane was detected in both samples and the duplicate at concentrations ranging from 1.5J µg/m$^3$ to 87 µg/m$^3$.

*Matrix F Compounds:* Toluene

- Toluene was detected in both samples and the duplicate at concentrations ranging from 12 µg/m$^3$ to 23 µg/m$^3$.

If the maximum concentrations present in soil vapor were applied to both the concentrations for indoor and sub-slab vapor concentrations in each matrix, they would be below the threshold for mitigation.

# 5. Summary and Conclusions

A Limited Phase II ESA was performed at the Site to obtain preliminary shallow soil and soil vapor data to evaluate eligibility of the Site for the NYSDEC BCP and potential remedial approach. The threshold would be met for enrollment in the BCP if analytical results from soil samples collected from the Site exceed RRSCOs at each tax lot as they are apportioned at the time of enrollment.

Five soil samples and one duplicate were collected from five soil borings at the Site from 0-2 ft bls. No visual or olfactory evidence of contamination was observed during sample collection. In general, historic fill was observed at each location extending to 5 ft bls.

Analytical data indicates soils at the Site are impacted with SVOCs above UUSCOs, RRSCOs and PGWSCOs, and metals and pesticides above UUSCOs. VOCs and PCBs were all below UUSCOs, RRSCOs and PGWSCOs. The concentrations of SVOCs, metals, and pesticides are typical of urban sites where fill material was placed in the area and are not indicative of any other potential source or historical activity. RRSCOs are the applicable cleanup objectives for residential housing redevelopment of the Site.

Soil vapor samples were collected from two locations at the Site. Concentrations of VOCs in soil vapor were detected above laboratory reporting limits at all sampling locations and included petroleum-related and chlorinated VOCs. Based on a comparison of these concentrations to the indoor air and sub-slab vapor concentrations in the SVI guidance, no further action is required to mitigate vapors. However, as part of future construction, installation of a vapor barrier may be considered to mitigate the potential for vapor intrusion within the new building.

Based on the results of the investigation, soil samples collected from four out of five full tax lots present at the Site exceed RRSCOs for SVOCs. Of these four tax lots, one of the soil samples collected also exceed RRSCOs for metals, specifically lead. The one tax lot that did not exceed RRSCOs in soil samples collected is Lot 20. A soil sample was not collected from the portion of tax Lot 23 that is included within the Site boundary.

Respectfully submitted,

**ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C**.

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# TABLES

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| Notes Utilized Throughout Tables | |
|---|---|
| **Soil Tables** | |
| J - | Estimated value |
| U - | The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit |
| T - | Indicates that a quality control parameter has exceeded laboratory limits |
| ft bls - | Feet below land surface |
| FD - | Duplicate sample |
| mg/kg - | Milligrams per kilogram |
| NYSDEC - | New York State Department of Environmental Conservation |
| SCO - | Soil Cleanup Objectives |
| -- | No SCO available |
| Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO | |
| Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO | |
| Red data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO | |
| **Soil Vapor/Ambient Air** | |
| J - | Estimated value |
| U - | The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit |
| D - | Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte |
| FD - | Duplicate sample |
| ug/m3 - | Micrograms per cubic meter |
| Bold data indicates that parameter was detected | |

**Table 1. Summary of Volatile Organic Compounds in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
| Sample Date: | | | | | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| Sample Depth (ft bls): | | | | | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | FD | N |
| 1,1,1-Trichloroethane (TCA) | 0.68 | 100 | 0.68 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,1,2,2-Tetrachloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,1,2-Trichloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,1-Dichloroethane | 0.27 | 26 | 0.27 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,1-Dichloroethene | 0.33 | 100 | 0.33 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2,3-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2,4-Trichlorobenzene | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2-Dibromo-3-Chloropropane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2-Dibromoethane (Ethylene Dibromide) | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2-Dichlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2-Dichloroethane | 0.02 | 3.1 | 0.02 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,2-Dichloropropane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,3-Dichlorobenzene | 2.4 | 49 | 2.4 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 1,4-Dichlorobenzene | 1.8 | 13 | 1.8 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| 2-Hexanone | -- | -- | -- | MG/KG | 0.0059 U | 0.0055 U | 0.0053 U | 0.0068 U | 0.007 U | 0.0056 U |
| Acetone | 0.05 | 100 | 0.05 | MG/KG | 0.0071 U | 0.0066 U | 0.0064 U | 0.0082 U | 0.0084 U | 0.0067 U |
| Benzene | 0.06 | 4.8 | 0.06 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Bromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Bromodichloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Bromoform | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Bromomethane | -- | -- | -- | MG/KG | 0.0024 UT | 0.0022 UT | 0.0021 UT | 0.0027 UT | 0.0028 UT | 0.0022 UT |
| Carbon Disulfide | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Carbon Tetrachloride | 0.76 | 2.4 | 0.76 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Chlorobenzene | 1.1 | 100 | 1.1 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Chloroethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Chloroform | 0.37 | 49 | 0.37 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Chloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Cis-1,2-Dichloroethylene | 0.25 | 100 | 0.25 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Cis-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Cyclohexane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Dibromochloromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Dichlorodifluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Ethylbenzene | 1 | 41 | 1 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Isopropylbenzene (Cumene) | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| m,p-Xylene | -- | -- | -- | MG/KG | 0.00045 J | 0.00037 J | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Methyl Acetate | -- | -- | -- | MG/KG | 0.0059 U | 0.0055 U | 0.0053 U | 0.0068 U | 0.007 U | 0.0056 U |
| Methyl Ethyl Ketone (2-Butanone) | 0.12 | 100 | 0.12 | MG/KG | 0.0059 U | 0.0055 U | 0.0053 U | 0.0068 U | 0.007 U | 0.0056 U |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | -- | -- | -- | MG/KG | 0.0059 U | 0.0055 U | 0.0053 U | 0.0068 U | 0.007 U | 0.0056 U |
| Methylcyclohexane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Methylene Chloride | 0.05 | 100 | 0.05 | MG/KG | 0.0024 U | 0.0022 U | 0.0021 U | 0.0027 U | 0.0028 U | 0.0022 U |
| O-Xylene (1,2-Dimethylbenzene) | -- | -- | -- | MG/KG | 0.00025 J | 0.00029 J | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Styrene | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Tert-Butyl Methyl Ether | 0.93 | 100 | 0.93 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Tetrachloroethylene (PCE) | 1.3 | 19 | 1.3 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Toluene | 0.7 | 100 | 0.7 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Trans-1,2-Dichloroethene | 0.19 | 100 | 0.19 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Trans-1,3-Dichloropropene | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Trichloroethylene (TCE) | 0.47 | 21 | 0.47 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Trichlorofluoromethane | -- | -- | -- | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |
| Vinyl Chloride | 0.02 | 0.9 | 0.02 | MG/KG | 0.0012 U | 0.0011 U | 0.0011 U | 0.0014 U | 0.0014 U | 0.0011 U |

**Table 2. Summary of Semivolatile Organic Compounds in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-18-01 02/05/2025 0 - 2 N | RX-19-01 02/05/2025 0 - 2 N | RX-20-01 02/05/2025 0 - 2 N | RX-21-01 02/05/2025 0 - 2 N | RX-21-01 02/05/2025 0 - 2 FD | RX-22-01 02/05/2025 0 - 2 N |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 1,4-Dioxane (P-Dioxane) | 0.1 | 13 | 0.1 | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| 2,3,4,6-Tetrachlorophenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2,4,5-Trichlorophenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2,4,6-Trichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.68 U | 0.13 U | 0.13 U | 0.13 U | 0.13 U |
| 2,4-Dichlorophenol | -- | -- | -- | MG/KG | 0.13 U | 0.68 U | 0.13 U | 0.13 U | 0.13 U | 0.13 U |
| 2,4-Dimethylphenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2,4-Dinitrophenol | -- | -- | -- | MG/KG | 0.27 U | 1.4 U | 0.27 U | 0.27 U | 0.27 U | 0.27 U |
| 2,4-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.34 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| 2,6-Dinitrotoluene | -- | -- | -- | MG/KG | 0.067 U | 0.34 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| 2-Chloronaphthalene | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2-Chlorophenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2-Methylnaphthalene | -- | -- | -- | MG/KG | 0.042 J | 0.29 J | 0.33 U | 0.085 J | 0.045 J | 0.26 J |
| 2-Methylphenol (O-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 2-Nitrophenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 3,3'-Dichlorobenzidine | -- | -- | -- | MG/KG | 0.13 U | 0.68 U | 0.13 U | 0.13 U | 0.13 U | 0.13 U |
| 3-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4,6-Dinitro-2-Methylphenol | -- | -- | -- | MG/KG | 0.27 U | 1.4 U | 0.27 U | 0.27 U | 0.27 U | 0.27 U |
| 4-Bromophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Chloro-3-Methylphenol | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Chloroaniline | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Chlorophenyl Phenyl Ether | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Methylphenol (P-Cresol) | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Nitroaniline | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| 4-Nitrophenol | -- | -- | -- | MG/KG | 0.67 U | 3.4 U | 0.67 U | 0.67 U | 0.68 U | 0.68 U |
| Acenaphthene | 20 | 100 | 98 | MG/KG | 0.084 J | 0.43 J | 0.33 U | 0.22 J | 0.093 J | 0.41 |
| Acenaphthylene | 100 | 100 | 107 | MG/KG | 0.14 J | 1.4 J | 0.33 U | 0.27 J | 0.16 J | 0.077 J |
| Acetophenone | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Anthracene | 100 | 100 | 1000 | MG/KG | 0.27 J | 1.9 | 0.019 J | 0.68 | 0.34 | 0.93 |
| Atrazine | -- | -- | -- | MG/KG | 0.13 U | 0.68 U | 0.13 U | 0.13 U | 0.13 U | 0.13 U |
| Benzaldehyde | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Benzo(A)Anthracene | **1** | 1 | 1 | MG/KG | 0.92 | **6.2** | 0.088 | **2.2** | **1.2** | **1.5** |
| Benzo(A)Pyrene | **1** | 1 | 22 | MG/KG | 0.85 | **7.9** | 0.089 | **2.2** | **1.5** | **1.2** |
| Benzo(B)Fluoranthene | **1** | 1 | 1.7 | MG/KG | **1.1** | **9.4** | 0.11 | **2.7** | **2.1** | **1.4** |
| Benzo(G,H,I)Perylene | 100 | 100 | 1000 | MG/KG | 0.5 | 4.8 | 0.065 J | 1.2 | 0.81 | 0.8 |
| Benzo(K)Fluoranthene | **0.8** | 3.9 | 1.7 | MG/KG | 0.38 | **3.3** | 0.044 | **0.98** | 0.63 | 0.48 |
| Benzyl Butyl Phthalate | -- | -- | -- | MG/KG | 0.065 J | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Biphenyl (Diphenyl) | -- | -- | -- | MG/KG | 0.012 J | 0.087 J | 0.33 U | 0.02 J | 0.014 J | 0.055 J |
| Bis(2-Chloroethoxy) Methane | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) | -- | -- | -- | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| Bis(2-Chloroisopropyl) Ether | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Bis(2-Ethylhexyl) Phthalate | -- | -- | -- | MG/KG | 0.09 J | 1.7 U | 0.33 U | 0.12 J | 0.048 J | 0.33 U |
| Caprolactam | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Carbazole | -- | -- | -- | MG/KG | 0.11 J | 0.82 J | 0.33 U | 0.28 J | 0.2 J | 0.22 J |
| Chrysene | **1** | 3.9 | 1 | MG/KG | 1 | **6.2** | 0.09 J | **2.2** | **1.3** | **1.6** |
| Dibenz(A,H)Anthracene | **0.33** | 0.33 | 1000 | MG/KG | 0.14 | **1.2** | 0.017 J | **0.34** | 0.21 | 0.2 |
| Dibenzofuran | 7 | 59 | 210 | MG/KG | 0.055 J | 0.47 J | 0.33 U | 0.15 J | 0.079 J | 0.22 J |

**Table 2. Summary of Semivolatile Organic Compounds in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
| Sample Date: | | | | | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| Sample Depth (ft bls): | | | | | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | FD | N |
| Diethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Dimethyl Phthalate | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Di-N-Butyl Phthalate | -- | -- | -- | MG/KG | 0.019 J | 1.7 U | 0.33 U | 0.042 J | 0.018 J | 0.33 U |
| Di-N-Octylphthalate | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Fluoranthene | 100 | 100 | 1000 | MG/KG | 1.8 | 12 | 0.17 J | 4.7 | 2.7 | 3.3 |
| Fluorene | 30 | 100 | 386 | MG/KG | 0.11 J | 0.56 J | 0.33 U | 0.21 J | 0.099 J | 0.45 |
| Hexachlorobenzene | 0.33 | 1.2 | 3.2 | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| Hexachlorobutadiene | -- | -- | -- | MG/KG | 0.067 U | 0.34 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| Hexachlorocyclopentadiene | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Hexachloroethane | -- | -- | -- | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| Indeno(1,2,3-C,D)Pyrene | **0.5** | 0.5 | 8.2 | MG/KG | 0.39 | **3.7** | 0.045 | **1** | **0.68** | **0.59** |
| Isophorone | -- | -- | -- | MG/KG | 0.13 U | 0.68 U | 0.13 U | 0.13 U | 0.13 U | 0.13 U |
| Naphthalene | 12 | 100 | 12 | MG/KG | 0.071 J | 0.65 J | 0.33 U | 0.13 J | 0.14 J | 0.27 J |
| Nitrobenzene | -- | -- | -- | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| N-Nitrosodi-N-Propylamine | -- | -- | -- | MG/KG | 0.033 U | 0.17 U | 0.033 U | 0.033 U | 0.033 U | 0.033 U |
| N-Nitrosodiphenylamine | -- | -- | -- | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Pentachlorophenol | 0.8 | 6.7 | 0.8 | MG/KG | 0.27 U | 1.4 U | 0.27 U | 0.27 U | 0.27 U | 0.27 U |
| Phenanthrene | 100 | 100 | 1000 | MG/KG | 1.5 | 7.9 | 0.096 J | 3.5 | 1.5 | 4.7 |
| Phenol | 0.33 | 100 | 0.33 | MG/KG | 0.33 U | 1.7 U | 0.33 U | 0.33 U | 0.33 U | 0.33 U |
| Pyrene | 100 | 100 | 1000 | MG/KG | 1.8 | 12 | 0.16 J | 4.2 | 2.4 | 3.6 |

**Table 3. Summary of Metals in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
| | | | Sample Date: | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| | | | Sample Depth (ft bls): | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 |
| | | | Normal Sample or Field Duplicate: | N | N | N | N | FD | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | | | |
| Aluminum | -- | -- | -- | MG/KG | 4810 | 5790 | 6000 | 6400 | 6170 | 5240 |
| Antimony | -- | -- | -- | MG/KG | 0.34 J | 0.18 J | 0.94 U | 0.43 J | 0.44 J | 0.21 J |
| Arsenic | 13 | 16 | 16 | MG/KG | 4.1 | 3.7 | 2.7 | 4.5 | 4.5 | 3.1 |
| Barium | 350 | 400 | 820 | MG/KG | 256 | 158 | 51.8 | 255 | 317 | 115 |
| Beryllium | 7.2 | 72 | 47 | MG/KG | 0.25 J | 0.34 J | 0.38 | 0.28 J | 0.28 J | 0.29 J |
| Cadmium | 2.5 | 4.3 | 7.5 | MG/KG | 0.52 J | 0.32 J | 0.15 J | 0.79 J | 0.63 J | 0.3 J |
| Calcium | -- | -- | -- | MG/KG | 6560 | 14000 | 1300 | 21900 | 16400 | 2020 |
| Chromium, Total | 30 | 180 | -- | MG/KG | 14.5 | 14 | 16.4 | 17.8 | 17.4 | 14.2 |
| Cobalt | -- | -- | -- | MG/KG | 4.5 | 5.3 | 6.6 | 4.9 | 4.9 | 5 |
| Copper | **50** | 270 | 1720 | MG/KG | 37.5 | 25.3 | 19.1 | 47.6 | **51.4** | 27.7 |
| Iron | -- | -- | -- | MG/KG | 19500 | 18300 | 25200 | 16400 | 14200 | 17900 |
| Lead | **63** | 400 | 450 | MG/KG | **324** | **303** | 45.7 | **346** | **442** | **187** |
| Magnesium | -- | -- | -- | MG/KG | 1860 | 2180 | 2070 | 4020 | 2920 | 1540 |
| Manganese | 1600 | 2000 | 2000 | MG/KG | 290 | 356 | 499 | 254 | 250 | 329 |
| Mercury | **0.18** | 0.81 | 0.73 | MG/KG | **0.33** | 0.15 | 0.1 | **0.31** | **0.45** | **0.42** |
| Nickel | 30 | 310 | 130 | MG/KG | 17.8 | 11.6 | 11.6 | 14.6 | 15.7 | 10.5 |
| Potassium | -- | -- | -- | MG/KG | 586 | 922 | 970 | 1260 | 1140 | 711 |
| Selenium | 3.9 | 180 | 4 | MG/KG | 0.33 J | 0.21 J | 0.17 J | 0.36 J | 0.36 J | 0.33 J |
| Silver | 2 | 180 | 8.3 | MG/KG | 0.14 J | 0.39 U | 0.38 U | 0.2 J | 0.23 J | 0.14 J |
| Sodium | -- | -- | -- | MG/KG | 64.8 J | 109 | 62.9 J | 143 | 148 | 64.9 J |
| Thallium | -- | -- | -- | MG/KG | 0.074 J | 0.088 J | 0.21 J | 0.089 J | 0.086 J | 0.086 J |
| Vanadium | -- | -- | -- | MG/KG | 18.5 | 22.3 | 27.8 | 22.9 | 22.3 | 21.3 |
| Zinc | **109** | 10000 | 2480 | MG/KG | **235** | **127** | 92.4 | **229** | **275** | **143** |

**Table 4. Summary of Polychlorinated Biphenyls in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Sample Designation: | | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
| | | | Sample Date: | | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| | | | Sample Depth (ft bls): | | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 |
| | | | Normal Sample or Field Duplicate: | | N | N | N | N | FD | N |
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | | | | | | |
| PCB-1016 (Aroclor 1016) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1221 (Aroclor 1221) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1232 (Aroclor 1232) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1242 (Aroclor 1242) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1248 (Aroclor 1248) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1254 (Aroclor 1254) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1260 (Aroclor 1260) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1262 (Aroclor 1262) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| PCB-1268 (Aroclor 1268) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| Polychlorinated Biphenyl (PCBs) | 0.1 | 1 | 3.2 | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |

**Table 5. Summary of Pesticides and Herbicides in Soil, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

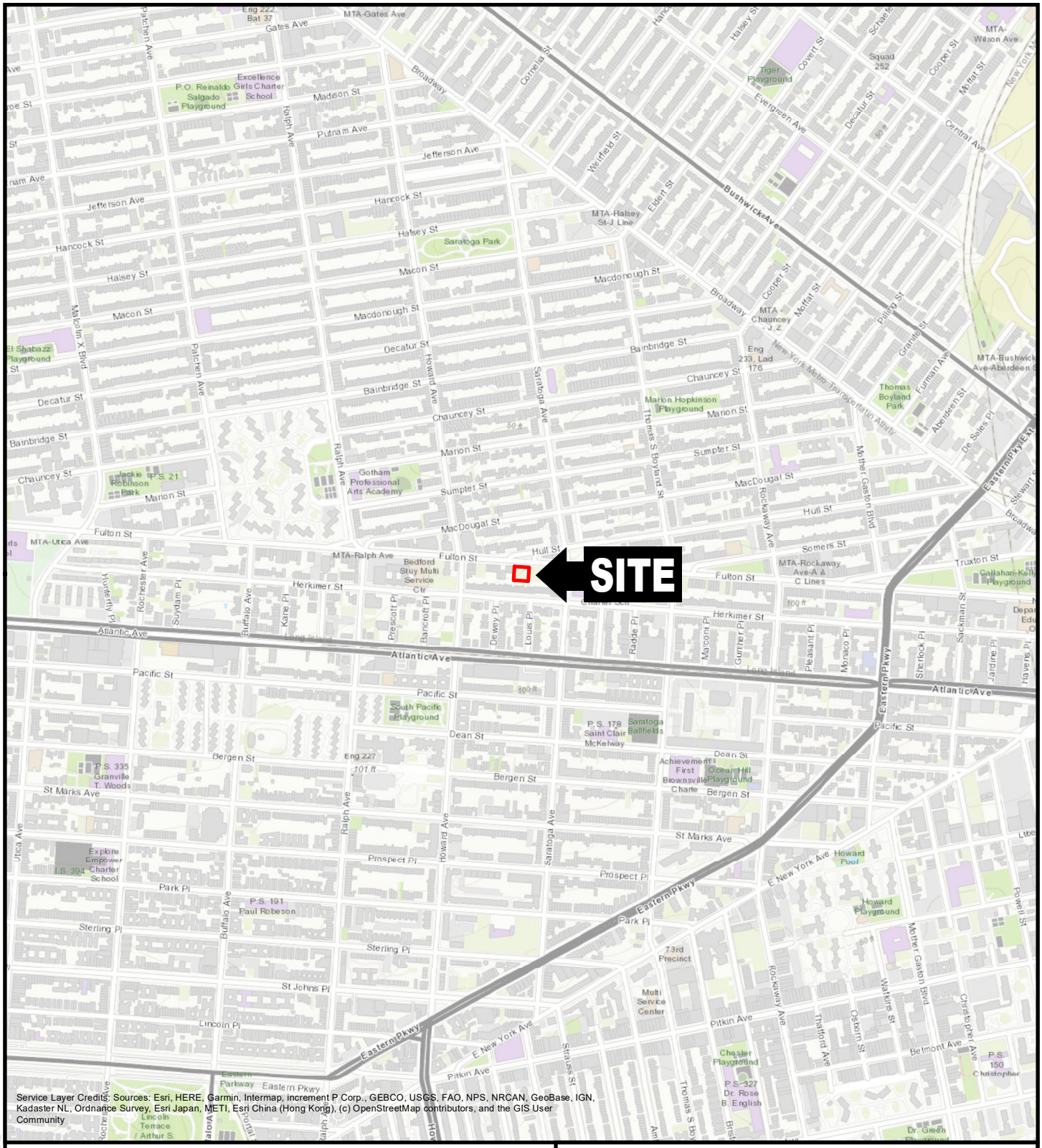
| Parameter | NYSDEC Part 375 Unrestricted Use SCO | NYSDEC Part 375 Restricted Residential SCO | NYSDEC Part 375 Protection of Groundwater SCO | Units | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Designation: | | | | | RX-18-01 | RX-19-01 | RX-20-01 | RX-21-01 | RX-21-01 | RX-22-01 |
| Sample Date: | | | | | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| Sample Depth (ft bls): | | | | | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 | 0 - 2 |
| Normal Sample or Field Duplicate: | | | | | N | N | N | N | FD | N |
| Aldrin | 0.005 | 0.097 | 0.19 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Alpha Bhc (Alpha Hexachlorocyclohexane) | 0.02 | 0.48 | 0.02 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Alpha Endosulfan | 2.4 | 24 | 102 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Beta Bhc (Beta Hexachlorocyclohexane) | 0.036 | 0.36 | 0.09 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Beta Endosulfan | 2.4 | 24 | 102 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Chlordane (Technical) | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |
| Delta BHC (Delta Hexachlorocyclohexane) | 0.04 | 100 | 0.25 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Dieldrin | 0.005 | 0.2 | 0.1 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Endosulfan Sulfate | 2.4 | 24 | 1000 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Endrin | 0.014 | 11 | 0.06 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Endrin Aldehyde | -- | -- | -- | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Endrin Ketone | -- | -- | -- | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Gamma Bhc (Lindane) | 0.1 | 1.3 | 0.1 | MG/KG | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U | 0.002 U |
| Heptachlor | 0.042 | 2.1 | 0.38 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Heptachlor Epoxide | -- | -- | -- | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| Methoxychlor | -- | -- | -- | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| P,P'-DDD | 0.0033 | 13 | 14 | MG/KG | 0.0067 U | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| P,P'-DDE | 0.0033 | 8.9 | 17 | MG/KG | 0.0016 J | 0.0068 U | 0.0067 U | 0.0067 U | 0.0068 U | 0.0068 U |
| P,P'-DDT | **0.0033** | 7.9 | 136 | MG/KG | **0.0034 J** | 0.0068 U | 0.0067 U | **0.0051 J** | 0.0068 U | 0.0068 U |
| Toxaphene | -- | -- | -- | MG/KG | 0.067 U | 0.068 U | 0.067 U | 0.067 U | 0.068 U | 0.068 U |

**Table 6. Summary of Volatile Organic Compounds in Soil Vapor, 2014-2042 Fulton Street, Senior Building, Brooklyn, New York**

| Sample Designation: | | RX-18-01 | RX-21-01 | RX-21-01 |
|---|---|---|---|---|
| Sample Date: | | 02/05/2025 | 02/05/2025 | 02/05/2025 |
| Normal Sample or Field Duplicate: | | N | N | FD |
| Parameter | Units | | | |
| 1,1,1-Trichloroethane (TCA) | UG/M3 | 1.1 U | **1.2** | **1 J** |
| 1,1,2,2-Tetrachloroethane | UG/M3 | 1.4 U | 1.4 U | 1.4 U |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | UG/M3 | **0.65 J** | **0.64 J** | **0.6 J** |
| 1,1,2-Trichloroethane | UG/M3 | 1.1 U | 1.1 U | 1.1 U |
| 1,1-Dichloroethane | UG/M3 | 0.81 U | 0.81 U | 0.81 U |
| 1,1-Dichloroethene | UG/M3 | 0.2 U | 0.2 U | 0.2 U |
| 1,2,4-Trichlorobenzene | UG/M3 | 3.7 U | 3.7 U | 3.7 U |
| 1,2,4-Trimethylbenzene | UG/M3 | 0.98 U | **0.89 J** | **0.68 J** |
| 1,2-Dibromoethane (Ethylene Dibromide) | UG/M3 | 1.5 U | 1.5 U | 1.5 U |
| 1,2-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U |
| 1,2-Dichloroethane | UG/M3 | 0.81 U | 0.81 U | 0.81 U |
| 1,2-Dichloropropane | UG/M3 | 0.92 U | 0.92 U | 0.92 U |
| 1,2-Dichlorotetrafluoroethane | UG/M3 | 1.4 U | 1.4 U | 1.4 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/M3 | 0.98 U | **0.36 J** | **0.28 J** |
| 1,3-Butadiene | UG/M3 | **4.3** | **1.2** | **1** |
| 1,3-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U |
| 1,4-Dichlorobenzene | UG/M3 | 1.2 U | 1.2 U | 1.2 U |
| 1,4-Dioxane (P-Dioxane) | UG/M3 | 18 U | 18 U | 18 U |
| 2,2,4-Trimethylpentane | UG/M3 | **0.6 J** | **0.2 J** | 0.93 U |
| 2-Chlorotoluene | UG/M3 | 1 U | 1 U | 1 U |
| 2-Hexanone | UG/M3 | **1.3 J** | **1 J** | **0.98 J** |
| 4-Ethyltoluene | UG/M3 | 0.98 U | **0.3 J** | **0.25 J** |
| Acetone | UG/M3 | **25** | **25** | **26** |
| Allyl Chloride (3-Chloropropene) | UG/M3 | 1.6 U | 1.6 U | 1.6 U |
| Benzene | UG/M3 | **4** | **2.2** | **2** |
| Benzyl Chloride | UG/M3 | 1 U | 1 U | 1 U |
| Bromodichloromethane | UG/M3 | 1.3 U | 1.3 U | 1.3 U |
| Bromoform | UG/M3 | 2.1 U | 2.1 U | 2.1 U |
| Bromomethane | UG/M3 | 0.78 U | 0.78 U | 0.78 U |
| Butane | UG/M3 | **24** | **220 D** | **190 D** |
| Carbon Disulfide | UG/M3 | **2.2** | **5.2** | **4.4** |
| Carbon Tetrachloride | UG/M3 | **0.5** | **0.22** | **0.22** |
| Chlorobenzene | UG/M3 | 0.92 U | 0.92 U | 0.92 U |
| Chlorodifluoromethane | UG/M3 | **1.1 J** | **1 J** | **1 J** |
| Chloroethane | UG/M3 | 1.3 U | 1.3 U | 1.3 U |
| Chloroform | UG/M3 | **0.89 J** | **5.7** | **4.8** |
| Chloromethane | UG/M3 | **0.66 J** | 1 U | **0.66 J** |
| Cis-1,2-Dichloroethylene | UG/M3 | 0.2 U | 0.2 U | 0.2 U |
| Cis-1,3-Dichloropropene | UG/M3 | 0.91 U | 0.91 U | 0.91 U |
| Cyclohexane | UG/M3 | **0.32 J** | **0.26 J** | 0.69 U |
| Cymene | UG/M3 | 1.1 U | 1.1 U | 1.1 U |
| Dibromochloromethane | UG/M3 | 1.7 U | 1.7 U | 1.7 U |
| Dichlorodifluoromethane | UG/M3 | **2.6** | **2.5** | **2.6** |
| Ethylbenzene | UG/M3 | **8** | **6.5** | **5.4** |
| Hexachlorobutadiene | UG/M3 | 2.1 U | 2.1 U | 2.1 U |
| Isopropanol | UG/M3 | 12 U | **3.9 J** | 12 U |
| Isopropylbenzene (Cumene) | UG/M3 | 0.98 U | 0.98 U | 0.98 U |
| m,p-Xylene | UG/M3 | **32** | **30** | **25** |
| Methyl Ethyl Ketone (2-Butanone) | UG/M3 | **8.3** | **5.1** | **5.2** |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | UG/M3 | **1.8 J** | **3** | **2.5** |
| Methyl Methacrylate | UG/M3 | 2 U | 2 U | 2 U |
| Methylene Chloride | UG/M3 | **0.78 J** | 1.7 U | 1.7 U |
| Naphthalene | UG/M3 | 2 U | 2 U | 2 U |
| N-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U |
| N-Heptane | UG/M3 | **2.1** | **35** | **30** |
| N-Hexane | UG/M3 | **1.5 J** | **87** | **75** |
| N-Propylbenzene | UG/M3 | 0.98 U | 0.98 U | 0.98 U |
| O-Xylene (1,2-Dimethylbenzene) | UG/M3 | **7.6** | **9.5** | **7.9** |
| Sec-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U |
| Styrene | UG/M3 | 0.85 U | 0.85 U | 0.85 U |
| T-Butylbenzene | UG/M3 | 1.1 U | 1.1 U | 1.1 U |
| Tert-Butyl Alcohol | UG/M3 | **8.2 J** | **14 J** | **11 J** |
| Tert-Butyl Methyl Ether | UG/M3 | **0.17 J** | 0.72 U | 0.72 U |
| Tetrachloroethylene (PCE) | UG/M3 | **0.21 J** | **0.61 J** | **0.54 J** |
| Tetrahydrofuran | UG/M3 | 15 U | 15 U | 15 U |
| Toluene | UG/M3 | **23** | **14** | **12** |
| Trans-1,2-Dichloroethene | UG/M3 | 0.79 U | 0.79 U | 0.79 U |
| Trans-1,3-Dichloropropene | UG/M3 | 0.91 U | 0.91 U | 0.91 U |
| Trichloroethylene (TCE) | UG/M3 | 0.2 U | 0.2 U | 0.2 U |
| Trichlorofluoromethane | UG/M3 | **1.7** | **1.6** | **1.6** |
| Vinyl Bromide | UG/M3 | 0.87 U | 0.87 U | 0.87 U |
| Vinyl Chloride | UG/M3 | 0.2 U | 0.2 U | 0.2 U |

# FIGURES

1. Site Location Map
2. Sample Locations
3. Soil Sample Exceedances
4. Soil Vapor Sample Detections




QUADRANGLE LOCATION

N

1,000 0 1,000'

Title:

# SITE LOCATION MAP

2014-2020 FULTON STREET
P/O 2020A FULTON STREET
BROOKLYN, NEW YORK

Prepared for:

STEPS SENIOR LLC

ROUX

| | |
|---|---|
| Compiled by: B.L. | Date: 08/12/25 |
| Prepared by: M.S.R. | Scale: AS SHOWN |
| Project Mgr: B.H. | Project: 3805.0002Y002 |
| File: 3805.0002Y108.1.mxd | |

FIGURE 1

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LEGEND

- LOCATION OF SOIL BORING
- LOCATION OF SOIL VAPOR POINT
- PROPOSED BCP SITE BOUNDARY
- PARCELS ONSITE

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. AN APPLICATION TO SUBDIVIDE CURRENT LOT 23 INTO TWO LOTS AND MERGE LOTS 18-22 PLUS THE WEST PORTION OF LOT 23 HAS BEEN FILED WITH THE CITY OF NEW YORK.

25 0 25'

Title:

# SAMPLE LOCATIONS

2014-2020 FULTON STREET
P/O 2020A FULTON STREET
BROOKLYN, NEW YORK

Prepared for:

STEPS SENIOR LLC

ROUX

| | | |
|---|---|---|
| Compiled by: B.L. | Date: 08/13/25 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 2 |
| Project Mgr: B.H. | Project: 3805.0002Y002 | |
| File: 3805.0002Y108.2.mxd | | |

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| RX-19-01 | 02/05/2025 |
|---|---|
| **Depth (ft bls)** | 0 - 2 |
| **SVOCs** | |
| Benzo(A)Anthracene | 6.2 |
| Benzo(A)Pyrene | 7.9 |
| Benzo(B)Fluoranthene | 9.4 |
| Benzo(K)Fluoranthene | 3.3 |
| Chrysene | 6.2 |
| Dibenz(A,H)Anthracene | 1.2 |
| Indeno(1,2,3-C,D)Pyrene | 3.7 |
| **Metals** | |
| Lead | 303 |
| Zinc | 127 |

| RX-21-01 | 02/05/2025 | 02/05/2025 |
|---|---|---|
| **Depth (ft bls)** | 0 - 2 | 0 - 2 DUP |
| **SVOCs** | | |
| Benzo(A)Anthracene | 2.2 | 1.2 |
| Benzo(A)Pyrene | 2.2 | 1.5 |
| Benzo(B)Fluoranthene | 2.7 | 2.1 |
| Benzo(K)Fluoranthene | 0.98 | NE |
| Chrysene | 2.2 | 1.3 |
| Dibenz(A,H)Anthracene | 0.34 | NE |
| Indeno(1,2,3-C,D)Pyrene | 1 | 0.68 |
| **Metals** | | |
| Copper | NE | 51.4 |
| Lead | 346 | 442 |
| Mercury | 0.31 | 0.45 |
| Zinc | 229 | 275 |
| **Pesticides/Herbicides** | | |
| P,P'-DDT | 0.0051 J | ND |

| RX-18-01 | 02/05/2025 |
|---|---|
| **Depth (ft bls)** | 0 - 2 |
| **SVOCs** | |
| Benzo(B)Fluoranthene | 1.1 |
| **Metals** | |
| Lead | 324 |
| Mercury | 0.33 |
| Zinc | 235 |
| **Pesticides/Herbicides** | |
| P,P'-DDT | 0.0034 J |

| RX-22-01 | 02/05/2025 |
|---|---|
| **Depth (ft bls)** | 0 - 2 |
| **SVOCs** | |
| Benzo(A)Anthracene | 1.5 |
| Benzo(A)Pyrene | 1.2 |
| Benzo(B)Fluoranthene | 1.4 |
| Chrysene | 1.6 |
| Indeno(1,2,3-C,D)Pyrene | 0.59 |
| **Metals** | |
| Lead | 187 |
| Mercury | 0.42 |
| Zinc | 143 |

| Parameter | NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives | NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives | NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives | Units |
|---|---|---|---|---|
| **VOCs** | NE | NE | NE | mg/kg |
| **SVOCs** | | | | |
| Benzo(A)Anthracene | 1 | 1 | 1 | mg/kg |
| Benzo(A)Pyrene | 1 | 1 | 22 | mg/kg |
| Benzo(B)Fluoranthene | 1 | 1 | 1.7 | mg/kg |
| Benzo(K)Fluoranthene | 0.8 | 3.9 | 1.7 | mg/kg |
| Chrysene | 1 | 3.9 | 1 | mg/kg |
| Dibenz(A,H)Anthracene | 0.33 | 0.33 | 1000 | mg/kg |
| Indeno(1,2,3-C,D)Pyrene | 0.5 | 0.5 | 8.2 | mg/kg |
| **Metals** | | | | |
| Copper | 50 | 270 | 1720 | mg/kg |
| Lead | 63 | 400 | 450 | mg/kg |
| Mercury | 0.18 | 0.81 | 0.73 | mg/kg |
| Zinc | 109 | 10000 | 2480 | mg/kg |
| **PCBs** | ND | ND | ND | mg/kg |
| **Pesticides/Herbicides** | | | | |
| P,P'-DDT | 0.0033 | 7.9 | 136 | mg/kg |

N

## LEGEND

- LOCATION OF SOIL BORING
- PROPOSED BCP SITE BOUNDARY
- PARCELS ONSITE

## NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. AN APPLICATION TO SUBDIVIDE CURRENT LOT 23 INTO TWO LOTS AND MERGE LOTS 18-22 PLUS THE WEST PORTION OF LOT 23 HAS BEEN FILED WITH THE CITY OF NEW YORK.

MG/KG - MILLIGRAMS PER KILOGRAM
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
-- NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE
J - ESTIMATED VALUE
DUP - DUPLICATE SAMPLE
VOCS - VOLATILE ORGANIC COMPOUNDS
SVOCS - SEMIVOLATILE ORGANIC COMPOUNDS
PCBS - POLYCHLORINATED BIPHENYLS
NE - NO EXCEEDANCE
ND - NO DETECTION
NA - NOT ANALYZED FOR BY LABORATORY
FT BLS - FEET BELOW LAND SURFACE

25 0 25'

Title:

# SOIL SAMPLE EXCEEDANCES

2014-2020 FULTON STREET
P/O 2020A FULTON STREET
BROOKLYN, NEW YORK

Prepared for:

STEPS SENIOR LLC

ROUX

| | | |
|---|---|---|
| Compiled by: B.L. | Date: 08/13/25 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 3 |
| Project Mgr: B.H. | Project: 3805.0002Y002 | |
| File: 3805.0002Y108.3.mxd | | |

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| RX-21-01 | 02/05/2025 | 02/05/2025 DUP |
|---|---|---|
| VOCs | | |
| 1,1,1-Trichloroethane (TCA) | 1.2 | 1 J |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 0.64 J | 0.6 J |
| 1,2,4-Trimethylbenzene | 0.89 J | 0.68 J |
| 1,3,5-Trimethylbenzene (Mesitylene) | 0.36 J | 0.28 J |
| 1,3-Butadiene | 1.2 | 1 |
| 2,2,4-Trimethylpentane | 0.2 J | ND |
| 2-Hexanone | 1 J | 0.98 J |
| 4-Ethyltoluene | 0.3 J | 0.25 J |
| Acetone | 25 | 26 |
| Benzene | 2.2 | 2 |
| Butane | 220 D | 190 D |
| Carbon Disulfide | 5.2 | 4.4 |
| Carbon Tetrachloride | 0.22 | 0.22 |
| Chlorodifuoromethane | 1 J | 1 J |
| Chloroform | 5.7 | 4.8 |
| Chloromethane | ND | 0.66 J |
| Cyclohexane | 0.26 J | ND |
| Dichlorodifluoromethane | 2.5 | 2.6 |
| Ethylbenzene | 6.5 | 5.4 |
| Isopropanol | 3.9 J | ND |
| m,p-Xylene | 30 | 25 |
| Methyl Ethyl Ketone (2-Butanone) | 5.1 | 5.2 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 3 | 2.5 |
| N-Heptane | 35 | 30 |
| N-Hexane | 87 | 75 |
| O-Xylene (1,2-Dimethylbenzene) | 9.5 | 7.9 |
| Tert-Butyl Alcohol | 14 J | 11 J |
| Tetrachloroethylene (PCE) | 0.61 J | 0.54 J |
| Toluene | 14 | 12 |
| Trichlorofluoromethane | 1.6 | 1.6 |

| RX-18-01 | 02/05/2025 |
|---|---|
| VOCs | |
| 1,1,2-Trichloro-1,2,2-Trifluoroethane | 0.65 J |
| 1,3-Butadiene | 4.3 |
| 2,2,4-Trimethylpentane | 0.6 J |
| 2-Hexanone | 1.3 J |
| Acetone | 25 |
| Benzene | 4 |
| Butane | 24 |
| Carbon Disulfide | 2.2 |
| Carbon Tetrachloride | 0.5 |
| Chlorodifluoromethane | 1.1 J |
| Chloroform | 0.89 J |
| Chloromethane | 0.66 J |
| Cyclohexane | 0.32 J |
| Dichlorodifluoromethane | 2.6 |
| Ethylbenzene | 8 |
| m,p-Xylene | 32 |
| Methyl Ethyl Ketone (2-Butanone) | 8.3 |
| Methyl Isobutyl Ketone (4-Methyl-2-Pentanone) | 1.8 J |
| Methylene Chloride | 0.78 J |
| N-Heptane | 2.1 |
| N-Hexane | 1.5 J |
| O-Xylene (1,2-Dimethylbenzene) | 7.6 |
| Tert-Butyl Alcohol | 8.2 J |
| Tert-Butyl Methyl Ether | 0.17 J |
| Tetrachloroethylene (PCE) | 0.21 J |
| Toluene | 23 |
| Trichlorofluoromethane | 1.7 |

N

LEGEND

- LOCATION OF SOIL VAPOR POINT
- PROPOSED BCP SITE BOUNDARY
- PARCELS ONSITE

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. AN APPLICATION TO SUBDIVIDE CURRENT LOT 23 INTO TWO LOTS AND MERGE LOTS 18-22 PLUS THE WEST PORTION OF LOT 23 HAS BEEN FILED WITH THE CITY OF NEW YORK.
3. CONCENTRATIONS IN µg/m$^3$

µG/M$^3$ - MICROGRAMS PER CUBIC METER
VOCS - VOLATILE ORGANIC COMPOUNDS
ND - COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

25 0 25'

Title:

# SOIL VAPOR DETECTIONS

2014-2020 FULTON STREET
P/O 2020A FULTON STREET
BROOKLYN, NEW YORK

Prepared for:

STEPS SENIOR LLC

ROUX

| | | |
|---|---|---|
| Compiled by: B.L. | Date: 08/13/25 | FIGURE |
| Prepared by: M.S.R. | Scale: AS SHOWN | 4 |
| Project Mgr: B.H. | Project: 3805.0002Y002 | |
| File: 3805.0002Y108.4.mxd | | |

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# APPENDICES

A. Soil Boring Logs
B. Laboratory Analytical Reports

# APPENDIX A

Soil Boring Logs

# RX-18-01



| Client: | Site: | Project Number: |
|---|---|---|
| Steps at Saratoga HDFC | Senior Building | 3805.0002Y000 |
| **Address:** | **City/State:** | **Logged By:** |
| 2014 Fulton St | Brooklyn, NY | BW |

| Start to Finish Date: | Contractor: | Drill Type: | Sampler Type/Method: |
|---|---|---|---|
| 2/5/2025 - 2/5/2025 | Trinity Environmental | Hand Auger | 2" Hand Auger |
| **Borehole Depth:** | **Backfill:** | **Borehole Diameter:** | **DTW:** |
| 5 feet | Soil Cuttings | 2-inches | NM feet |
| **Area:** | **Elevation:** | **Latitude:** | **Longitude:** |
| NM | NM | NM | NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 1 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, glass, tile (FILL); moist | G | 5 | 0<br>0 | Collected RX-18-01_0-2 to be analyzed for VOCs, SVOCs, metals, pesticides, and PCBS. |
| 2 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, glass (FILL); moist | | | 0 | |
| 3 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, asphalt (FILL); moist | | | 0 | |
| 4 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick (FILL); moist | | | 0 | Collected soil vapor sample RX-18-01 to be analyzed for TO-15. |
| 5 | | | Bottom of borehole at 5 feet | | | | |

ROUX STANDARD LOG_ - 2/21/25 12:57 - S:\GINT\PROJECTS\3805.0002Y000 - P2 SENIOR BUILDING.GPJ

# RX-19-01



| Client: | Site: | Project Number: |
|---|---|---|
| Steps at Saratoga HDFC | Senior Building | 3805.0002Y000 |
| **Address:** | **City/State:** | **Logged By:** |
| 2014 Fulton St | Brooklyn, NY | BW |

| Start to Finish Date: | Contractor: | Drill Type: | Sampler Type/Method: |
|---|---|---|---|
| 2/5/2025 - 2/5/2025 | Trinity Environmental | Hand Auger | 2" Hand Auger |
| **Borehole Depth:** | **Backfill:** | **Borehole Diameter:** | **DTW:** |
| 5 feet | Soil Cuttings | 2-inches | NM feet |
| **Area:** | **Elevation:** | **Latitude:** | **Longitude:** |
| NM | NM | NM | NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 1 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, asphalt (FILL); moist | G | 5 | 0<br>0 | Collected RX-19-01_0-2 to be analyzed for VOCs, SVOCs, metals, pesticides, and PCBS. |
| 2 | | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick (FILL); moist | | | 0 | |
| 3 | MIXD | | | | | 0 | |
| 4 | | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, tile (FILL); moist | | | 0 | |
| | MIXD | | | | | | |

Bottom of borehole at 5 feet

ROUX STANDARD LOG_ - 2/21/25 12:57 - S:\GINT\PROJECTS\3805.0002Y000 - P2 SENIOR BUILDING.GPJ

# RX-20-01



| | | | |
|---|---|---|---|
| Client: Steps at Saratoga HDFC | Site: Senior Building | Project Number: 3805.0002Y000 | |
| Address: 2014 Fulton St | City/State: Brooklyn, NY | Logged By: BW | |
| Start to Finish Date: 2/5/2025 - 2/5/2025 | Contractor: Trinity Environmental | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 5 feet | Backfill: Soil Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| 0 | MIXD | | Brown, fine to coarse SAND, little Silt, fine to coarse Gravel, trace cobble, organics (roots); moist | G | 5 | 0 | Collected RX-20-01_0-2 to be analyzed for VOCs, SVOCs, metals, pesticides, and PCBS. |
| 1 | | | | | | 0 | |
| 2 | | | | | | 0 | |
| 3 | | | | | | 0 | |
| 4 | | | | | | 0 | |

Bottom of borehole at 5 feet

ROUX STANDARD LOG_ - 2/21/25 12:57 - S:\GINT\PROJECTS\3805.0002Y000 - P2 SENIOR BUILDING.GPJ

# RX-21-01



| | | | |
|---|---|---|---|
| Client: Steps at Saratoga HDFC | Site: Senior Building | Project Number: 3805.0002Y000 | |
| Address: 2014 Fulton St | City/State: Brooklyn, NY | Logged By: BW | |
| Start to Finish Date: 2/5/2025 - 2/5/2025 | Contractor: Trinity Environmental | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 5 feet | Backfill: Soil Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick (FILL); moist | | | 0 | Collected RX-21-01_0-2 to be analyzed for VOCs, SVOCs, metals, pesticides, and PCBS. |
| 1 | | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick (FILL); moist | G | | 0 | |
| 2 | MIXD | | | | 5 | 0 | |
| 3 | | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, glass (FILL); moist | | | 0 | |
| 4 | MIXD | | | | | 0 | Collected soil vapor sample RX-21-01 to be analyzed for TO-15. |
| | | | Bottom of borehole at 5 feet | | | | |

ROUX STANDARD LOG_ - 2/21/25 12:57 - S:\GINT\PROJECTS\3805.0002Y000 - P2 SENIOR BUILDING.GPJ

# RX-22-01



| | | | |
|---|---|---|---|
| Client: Steps at Saratoga HDFC | Site: Senior Building | Project Number: 3805.0002Y000 | |
| Address: 2014 Fulton St | City/State: Brooklyn, NY | Logged By: BW | |
| Start to Finish Date: 2/5/2025 - 2/5/2025 | Contractor: Trinity Environmental | Drill Type: Hand Auger | Sampler Type/Method: 2" Hand Auger |
| Borehole Depth: 5 feet | Backfill: Soil Cuttings | Borehole Diameter: 2-inches | DTW: NM feet |
| Area: NM | Elevation: NM | Latitude: NM | Longitude: NM |

| Depth (ft) | USCS | USCS Graphic | Visual Description | Sample Interval | Recovery (ft) | PID | Notes |
|---|---|---|---|---|---|---|---|
| | MIXD | | Dark brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, plastic (FILL); moist | | | 0 | Collected RX-22-01_0-2 to be analyzed for VOCs, SVOCs, metals, pesticides, and PCBS. |
| 1 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, organics (roots), brick, asphalt, glass (FILL); moist | G | | 0 | |
| 2 | MIXD | | Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, brick (FILL); moist | | 5 | 0 | |
| 3 | MIXD | | | | | 0 | |
| 4 | | | | | | 0 | |

Bottom of borehole at 5 feet

ROUX STANDARD LOG_ - 2/21/25 12:57 - S:\GINT\PROJECTS\3805.0002Y000 - P2 SENIOR BUILDING.GPJ

# APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Brooke Hildebrand
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia NY 11749

Generated 2/14/2025 12:32 PM

## JOB DESCRIPTION

2014 Fulton Avenue, Brooklyn (Senior Building)

## JOB NUMBER

460-319954-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.



my EOL

# Eurofins Edison

## Job Notes

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

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

## Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

## Authorization

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**Job Narrative**
**460-319954-1**

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

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

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

**Receipt**
The samples were received on 2/5/2025 6:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

**Receipt Exceptions**
The following sample IDs were corrected per client request on 2/7/25:

RX-20-01_0-2
RX-19-01_0-2
RX-22-01_0-2

**Method 8260D - Volatile Organic Compounds by GC/MS**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5), DUP_02052025 (460-319954-6) and FB_02052025 (460-319954-7) were analyzed for Volatile Organic Compounds by GC/MS. The samples were prepared on 2/6/2025 and analyzed on 2/11/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1020540 was outside the method criteria for the following analyte: Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte is considered estimated.

The laboratory control sample duplicate (LCSD) for analytical batch 460-1020540 recovered outside control limits for the following analytes: 2-Butanone (MEK), 2-Hexanone and Chlorodibromomethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 460-1020626 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1020626 recovered outside control limits for the following analytes: Bromomethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1020506 was outside the method criteria for the following analytes: Chloromethane, Trichlorofluoromethane, Vinyl chloride and Dichlorodifluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) associated with batch 460-1020507 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1020507 recovered outside control limits for the following analyte: Bromomethane. This analyte was biased high in the

LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

**Method 8270E - Semivolatile Organic Compounds (GC/MS)**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5), DUP_02052025 (460-319954-6) and FB_02052025 (460-319954-7) were analyzed for Semivolatile Organic Compounds (GC/MS). The samples were prepared on 2/7/2025 and analyzed on 2/7/2025, 2/8/2025 and 2/10/2025.

Sample RX-19-01_0-2 (460-319954-5)[5x] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 460-1020114 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1020312 was outside the method criteria for the following analyte(s): Benzaldehyde and Caprolactam. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The following sample was diluted due to the nature of the sample matrix: RX-19-01_0-2 (460-319954-5). Elevated reporting limits (RLs) are provided.

The continuing calibration verification (CCV) analyzed in batch 460-1020469 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

**Method 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5), DUP_02052025 (460-319954-6) and FB_02052025 (460-319954-7) were analyzed for Polychlorinated Biphenyls (PCBs) by Gas Chromatography. The samples were prepared on 2/6/2025 and 2/8/2025 and analyzed on 2/7/2025 and 2/9/2025.

**Method 8081B - Organochlorine Pesticides (GC)**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5), DUP_02052025 (460-319954-6) and FB_02052025 (460-319954-7) were analyzed for Organochlorine Pesticides (GC). The samples were prepared on 2/6/2025 and 2/8/2025 and analyzed on 2/7/2025 and 2/9/2025.

The continuing calibration verification (CCV) for Methoxychlor recovered outside the lower control limit on the secondary column but within control limits on the primary column. The samples associated with this CCV were non-detected for the affected analytes; therefore, the data have been reported for Methoxychlor on the primary column. (CCVIS 460-1020347/3)

The continuing calibration verification (CCV) associated with batch 460-1020035 recovered above the upper control limit for 4,4'-DDT, Endrin ketone and Heptachlor on the primary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-1020035/3).

**Method 6020B - Metals (ICP/MS)**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5) and DUP_02052025 (460-319954-6) were analyzed for Metals (ICP/MS). The samples were prepared on 2/10/2025 and analyzed on 2/11/2025.

**Method 6020B - Metals (ICP/MS) - Total Recoverable**
Sample FB_02052025 (460-319954-7) was analyzed for Metals (ICP/MS) - Total Recoverable. The sample was prepared and analyzed on 2/10/2025.

**Method 7470A - Mercury (CVAA)**
Sample FB_02052025 (460-319954-7) was analyzed for Mercury (CVAA). The sample was prepared and analyzed on 2/10/2025.

**Method 7471B - Mercury (CVAA)**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5) and DUP_02052025 (460-319954-6) were analyzed for Mercury (CVAA). The samples were prepared and analyzed on 2/10/2025.

**Method Moisture - Percent Moisture**
Samples RX-21-01_0-2 (460-319954-1), RX-18-01_0-2 (460-319954-2), RX-20-01_0-2 (460-319954-3), RX-22-01_0-2 (460-319954-4), RX-19-01_0-2 (460-319954-5) and DUP_02052025 (460-319954-6) were analyzed for Percent Moisture. The samples were analyzed on 2/10/2025.

# Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Solid | 02/05/25 08:45 | 02/05/25 18:30 |
| 460-319954-2 | RX-18-01_0-2 | Solid | 02/05/25 09:45 | 02/05/25 18:30 |
| 460-319954-3 | RX-20-01_0-2 | Solid | 02/05/25 11:10 | 02/05/25 18:30 |
| 460-319954-4 | RX-22-01_0-2 | Solid | 02/05/25 11:45 | 02/05/25 18:30 |
| 460-319954-5 | RX-19-01_0-2 | Solid | 02/05/25 12:30 | 02/05/25 18:30 |
| 460-319954-6 | DUP_02052025 | Solid | 02/05/25 12:00 | 02/05/25 18:30 |
| 460-319954-7 | FB_02052025 | Water | 02/05/25 12:05 | 02/05/25 18:30 |



Eurofins Edison
2/14/2025
12:32:58 PM

# Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Client Sample ID: RX-21-01_0-2
## Lab Sample ID: 460-319954-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 0.020 | J | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.085 | J | 0.33 | 0.0093 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthene | 0.22 | J | 0.33 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 0.27 | J | 0.33 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.68 | | 0.33 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 2.2 | | 0.033 | 0.025 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 2.2 | | 0.033 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 2.7 | | 0.033 | 0.0086 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 1.2 | | 0.33 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.98 | | 0.033 | 0.0065 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Bis(2-ethylhexyl) phthalate | 0.12 | J | 0.33 | 0.018 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Carbazole | 0.28 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 2.2 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.34 | | 0.033 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenzofuran | 0.15 | J | 0.33 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Di-n-butyl phthalate | 0.042 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 4.7 | | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluorene | 0.21 | J | 0.33 | 0.0097 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 1.0 | | 0.033 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.13 | J | 0.33 | 0.0057 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 3.5 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 4.2 | | 0.33 | 0.0083 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 4,4'-DDT | 0.0051 | J | 0.0067 | 0.0012 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| Aluminum | 6400 | | 18.0 | 4.9 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Antimony | 0.43 | J | 0.90 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 4.5 | | 0.90 | 0.093 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 255 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.28 | J | 0.36 | 0.051 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.79 | J | 0.90 | 0.10 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 21900 | | 89.8 | 36.6 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 17.8 | | 1.8 | 0.82 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 4.9 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 47.6 | | 1.8 | 0.33 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 16400 | | 53.9 | 18.1 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 346 | | 0.54 | 0.18 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 4020 | | 89.8 | 9.2 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 254 | | 3.6 | 0.36 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 14.6 | | 1.8 | 0.42 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 1260 | | 89.8 | 14.6 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.36 | J | 1.1 | 0.11 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Silver | 0.20 | J | 0.36 | 0.080 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 143 | | 89.8 | 41.1 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.089 | J | 0.36 | 0.037 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 22.9 | | 1.8 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 229 | | 7.2 | 2.7 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.31 | | 0.015 | 0.0072 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

## Client Sample ID: RX-18-01_0-2
## Lab Sample ID: 460-319954-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.00045 | J | 0.0012 | 0.00021 | mg/Kg | 1 | ☼ | 8260D | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-18-01_0-2 (Continued)
## Lab Sample ID: 460-319954-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | 0.00025 | J | 0.0012 | 0.00023 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| 1,1'-Biphenyl | 0.012 | J | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.042 | J | 0.33 | 0.0093 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthene | 0.084 | J | 0.33 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 0.14 | J | 0.33 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.27 | J | 0.33 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.92 | | 0.033 | 0.025 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 0.85 | | 0.033 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 1.1 | | 0.033 | 0.0086 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.50 | | 0.33 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.38 | | 0.033 | 0.0065 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Bis(2-ethylhexyl) phthalate | 0.090 | J | 0.33 | 0.018 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Butyl benzyl phthalate | 0.065 | J | 0.33 | 0.016 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Carbazole | 0.11 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 1.0 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.14 | | 0.033 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenzofuran | 0.055 | J | 0.33 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Di-n-butyl phthalate | 0.019 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 1.8 | | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluorene | 0.11 | J | 0.33 | 0.0097 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.39 | | 0.033 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.071 | J | 0.33 | 0.0057 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 1.5 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 1.8 | | 0.33 | 0.0083 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 4,4'-DDE | 0.0016 | J | 0.0067 | 0.00080 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| 4,4'-DDT | 0.0034 | J | 0.0067 | 0.0012 | mg/Kg | 1 | ☼ | 8081B | Total/NA |
| Aluminum | 4810 | | 18.4 | 5.0 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Antimony | 0.34 | J | 0.92 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 4.1 | | 0.92 | 0.095 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 256 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.25 | J | 0.37 | 0.052 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.52 | J | 0.92 | 0.10 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 6560 | | 91.8 | 37.4 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 14.5 | | 1.8 | 0.83 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 4.5 | | 1.8 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 37.5 | | 1.8 | 0.34 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 19500 | | 55.1 | 18.5 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 324 | | 0.55 | 0.18 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 1860 | | 91.8 | 9.4 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 290 | | 3.7 | 0.37 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 17.8 | | 1.8 | 0.43 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 586 | | 91.8 | 14.9 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.33 | J | 1.1 | 0.12 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Silver | 0.14 | J | 0.37 | 0.082 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 64.8 | J | 91.8 | 41.9 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.074 | J | 0.37 | 0.038 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 18.5 | | 1.8 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 235 | | 7.3 | 2.8 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.33 | | 0.015 | 0.0071 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-20-01_0-2
## Lab Sample ID: 460-319954-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Anthracene | 0.019 | J | 0.33 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 0.088 | | 0.033 | 0.025 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 0.089 | | 0.033 | 0.0088 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 0.11 | | 0.033 | 0.0086 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.065 | J | 0.33 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.044 | | 0.033 | 0.0065 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 0.090 | J | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.017 | J | 0.033 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 0.17 | J | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.045 | | 0.033 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 0.096 | J | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 0.16 | J | 0.33 | 0.0083 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Aluminum | 6000 | | 18.9 | 5.2 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 2.7 | | 0.94 | 0.097 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 51.8 | | 1.9 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.38 | | 0.38 | 0.054 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.15 | J | 0.94 | 0.11 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 1300 | | 94.3 | 38.4 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 16.4 | | 1.9 | 0.86 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 6.6 | | 1.9 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 19.1 | | 1.9 | 0.35 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 25200 | | 56.6 | 19.0 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 45.7 | | 0.57 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 2070 | | 94.3 | 9.6 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 499 | | 3.8 | 0.38 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 11.6 | | 1.9 | 0.44 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 970 | | 94.3 | 15.3 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.17 | J | 1.2 | 0.12 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 62.9 | J | 94.3 | 43.1 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.21 | J | 0.38 | 0.039 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 27.8 | | 1.9 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 92.4 | | 7.5 | 2.9 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.10 | | 0.017 | 0.0078 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

## Client Sample ID: RX-22-01_0-2
## Lab Sample ID: 460-319954-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 0.055 | J | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.26 | J | 0.33 | 0.0094 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthene | 0.41 | | 0.33 | 0.0096 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 0.077 | J | 0.33 | 0.0096 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.93 | | 0.33 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 1.5 | | 0.033 | 0.025 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 1.2 | | 0.033 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 1.4 | | 0.033 | 0.0087 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.80 | | 0.33 | 0.0099 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.48 | | 0.033 | 0.0066 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Carbazole | 0.22 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 1.6 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.20 | | 0.033 | 0.015 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenzofuran | 0.22 | J | 0.33 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-22-01_0-2 (Continued)
## Lab Sample ID: 460-319954-4

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | 3.3 | | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluorene | 0.45 | | 0.33 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.59 | | 0.033 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.27 | J | 0.33 | 0.0058 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 4.7 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Pyrene | 3.6 | | 0.33 | 0.0083 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Aluminum | 5240 | | 18.5 | 5.1 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Antimony | 0.21 | J | 0.92 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 3.1 | | 0.92 | 0.095 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 115 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.29 | J | 0.37 | 0.053 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.30 | J | 0.92 | 0.10 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 2020 | | 92.4 | 37.6 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 14.2 | | 1.8 | 0.84 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 5.0 | | 1.8 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 27.7 | | 1.8 | 0.34 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 17900 | | 55.5 | 18.7 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 187 | | 0.55 | 0.18 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 1540 | | 92.4 | 9.4 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 329 | | 3.7 | 0.37 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 10.5 | | 1.8 | 0.43 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 711 | | 92.4 | 15.0 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.33 | J | 1.2 | 0.12 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Silver | 0.14 | J | 0.37 | 0.082 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 64.9 | J | 92.4 | 42.2 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.086 | J | 0.37 | 0.038 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 21.3 | | 1.8 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 143 | | 7.4 | 2.8 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.42 | | 0.015 | 0.0073 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

## Client Sample ID: RX-19-01_0-2
## Lab Sample ID: 460-319954-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.00037 | J | 0.0011 | 0.00019 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| o-Xylene | 0.00029 | J | 0.0011 | 0.00021 | mg/Kg | 1 | ☼ | 8260D | Total/NA |
| 1,1'-Biphenyl | 0.087 | J | 1.7 | 0.058 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.29 | J | 1.7 | 0.047 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Acenaphthene | 0.43 | J | 1.7 | 0.048 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 1.4 | J | 1.7 | 0.048 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Anthracene | 1.9 | | 1.7 | 0.051 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 6.2 | | 0.17 | 0.13 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 7.9 | | 0.17 | 0.045 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 9.4 | | 0.17 | 0.044 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 4.8 | | 1.7 | 0.050 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 3.3 | | 0.17 | 0.033 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Carbazole | 0.82 | J | 1.7 | 0.064 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Chrysene | 6.2 | | 1.7 | 0.071 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 1.2 | | 0.17 | 0.073 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Dibenzofuran | 0.47 | J | 1.7 | 0.056 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Fluoranthene | 12 | | 1.7 | 0.059 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Fluorene | 0.56 | J | 1.7 | 0.049 | mg/Kg | 5 | ☼ | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-19-01_0-2 (Continued)
## Lab Sample ID: 460-319954-5

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Indeno[1,2,3-cd]pyrene | 3.7 | | 0.17 | 0.066 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.65 | J | 1.7 | 0.029 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Phenanthrene | 7.9 | | 1.7 | 0.069 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Pyrene | 12 | | 1.7 | 0.042 | mg/Kg | 5 | ☼ | 8270E | Total/NA |
| Aluminum | 5790 | | 19.3 | 5.3 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Antimony | 0.18 | J | 0.96 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 3.7 | | 0.96 | 0.099 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 158 | | 1.9 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.34 | J | 0.39 | 0.055 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.32 | J | 0.96 | 0.11 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 14000 | | 96.4 | 39.2 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 14.0 | | 1.9 | 0.88 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 5.3 | | 1.9 | 0.14 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 25.3 | | 1.9 | 0.35 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 18300 | | 57.8 | 19.5 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 303 | | 0.58 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 2180 | | 96.4 | 9.8 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 356 | | 3.9 | 0.39 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 11.6 | | 1.9 | 0.45 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 922 | | 96.4 | 15.6 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.21 | J | 1.2 | 0.12 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 109 | | 96.4 | 44.1 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.088 | J | 0.39 | 0.040 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 22.3 | | 1.9 | 0.20 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 127 | | 7.7 | 2.9 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.15 | | 0.016 | 0.0075 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

## Client Sample ID: DUP_02052025
## Lab Sample ID: 460-319954-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 0.014 | J | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| 2-Methylnaphthalene | 0.045 | J | 0.33 | 0.0094 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthene | 0.093 | J | 0.33 | 0.0095 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Acenaphthylene | 0.16 | J | 0.33 | 0.0096 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Anthracene | 0.34 | | 0.33 | 0.010 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]anthracene | 1.2 | | 0.033 | 0.025 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[a]pyrene | 1.5 | | 0.033 | 0.0089 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[b]fluoranthene | 2.1 | | 0.033 | 0.0087 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[g,h,i]perylene | 0.81 | | 0.33 | 0.0099 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Benzo[k]fluoranthene | 0.63 | | 0.033 | 0.0066 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Bis(2-ethylhexyl) phthalate | 0.048 | J | 0.33 | 0.018 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Carbazole | 0.20 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Chrysene | 1.3 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenz(a,h)anthracene | 0.21 | | 0.033 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Dibenzofuran | 0.079 | J | 0.33 | 0.011 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Di-n-butyl phthalate | 0.018 | J | 0.33 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluoranthene | 2.7 | | 0.33 | 0.012 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Fluorene | 0.099 | J | 0.33 | 0.0098 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Indeno[1,2,3-cd]pyrene | 0.68 | | 0.033 | 0.013 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Naphthalene | 0.14 | J | 0.33 | 0.0058 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Phenanthrene | 1.5 | | 0.33 | 0.014 | mg/Kg | 1 | ☼ | 8270E | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: DUP_02052025 (Continued)
## Lab Sample ID: 460-319954-6

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Pyrene | 2.4 | | 0.33 | 0.0083 | mg/Kg | 1 | ☼ | 8270E | Total/NA |
| Aluminum | 6170 | | 18.1 | 5.0 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Antimony | 0.44 | J | 0.91 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Arsenic | 4.5 | | 0.91 | 0.093 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Barium | 317 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Beryllium | 0.28 | J | 0.36 | 0.052 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cadmium | 0.63 | J | 0.91 | 0.10 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Calcium | 16400 | | 90.5 | 36.8 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Chromium | 17.4 | | 1.8 | 0.82 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Cobalt | 4.9 | | 1.8 | 0.13 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Copper | 51.4 | | 1.8 | 0.33 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Iron | 14200 | | 54.3 | 18.3 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Lead | 442 | | 0.54 | 0.18 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Magnesium | 2920 | | 90.5 | 9.2 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Manganese | 250 | | 3.6 | 0.36 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Nickel | 15.7 | | 1.8 | 0.43 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Potassium | 1140 | | 90.5 | 14.7 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Selenium | 0.36 | J | 1.1 | 0.12 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Silver | 0.23 | J | 0.36 | 0.081 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Sodium | 148 | | 90.5 | 41.4 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Thallium | 0.086 | J | 0.36 | 0.037 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Vanadium | 22.3 | | 1.8 | 0.19 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Zinc | 275 | | 7.2 | 2.8 | mg/Kg | 1 | ☼ | 6020B | Total/NA |
| Mercury | 0.45 | | 0.017 | 0.0080 | mg/Kg | 1 | ☼ | 7471B | Total/NA |

## Client Sample ID: FB_02052025
## Lab Sample ID: 460-319954-7

No Detections.

This Detection Summary does not include radiochemical test results.

# Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| 8260D | Volatile Organic Compounds by GC/MS | SW846 | EET EDI |
| 8270E | Semivolatile Organic Compounds (GC/MS) | SW846 | EET EDI |
| 8081B | Organochlorine Pesticides (GC) | SW846 | EET EDI |
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | EET EDI |
| 6020B | Metals (ICP/MS) | SW846 | EET EDI |
| 7470A | Mercury (CVAA) | SW846 | EET EDI |
| 7471B | Mercury (CVAA) | SW846 | EET EDI |
| Moisture | Percent Moisture | EPA | EET EDI |
| 3005A | Preparation, Total Recoverable or Dissolved Metals | SW846 | EET EDI |
| 3050B | Preparation, Metals | SW846 | EET EDI |
| 3510C | Liquid-Liquid Extraction (Separatory Funnel) | SW846 | EET EDI |
| 3546 | Microwave Extraction | SW846 | EET EDI |
| 5030C | Purge and Trap | SW846 | EET EDI |
| 5035 | Closed System Purge and Trap | SW846 | EET EDI |
| 7470A | Preparation, Mercury | SW846 | EET EDI |
| 7471B | Preparation, Mercury | SW846 | EET EDI |

**Protocol References:**

EPA = US Environmental Protection Agency

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

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

## Client Sample ID: RX-21-01_0-2
**Lab Sample ID: 460-319954-1**

**Date Collected: 02/05/25 08:45**
**Matrix: Solid**

**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0014 | U | 0.0014 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0014 | U | 0.0014 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0014 | U | 0.0014 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,1,2-Trichloroethane | 0.0014 | U | 0.0014 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,1-Dichloroethane | 0.0014 | U | 0.0014 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,1-Dichloroethene | 0.0014 | U | 0.0014 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2,3-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2,4-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00049 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0014 | U | 0.0014 | 0.00063 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00049 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2-Dichloroethane | 0.0014 | U | 0.0014 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,2-Dichloropropane | 0.0014 | U | 0.0014 | 0.00058 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,3-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 1,4-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 2-Butanone (MEK) | 0.0068 | U | 0.0068 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 2-Hexanone | 0.0068 | U | 0.0068 | 0.0023 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0068 | U | 0.0068 | 0.0021 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Acetone | 0.0082 | U | 0.0082 | 0.0078 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Benzene | 0.0014 | U | 0.0014 | 0.00035 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Bromoform | 0.0014 | U | 0.0014 | 0.00058 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Bromomethane | 0.0027 | U * | 0.0027 | 0.0014 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Carbon disulfide | 0.0014 | U | 0.0014 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Carbon tetrachloride | 0.0014 | U | 0.0014 | 0.00053 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chlorobenzene | 0.0014 | U | 0.0014 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chlorobromomethane | 0.0014 | U | 0.0014 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chlorodibromomethane | 0.0014 | U | 0.0014 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chloroethane | 0.0014 | U | 0.0014 | 0.00071 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chloroform | 0.0014 | U | 0.0014 | 0.0013 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Chloromethane | 0.0014 | U | 0.0014 | 0.00059 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| cis-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00049 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| cis-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00037 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Cyclohexane | 0.0014 | U | 0.0014 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Dichlorobromomethane | 0.0014 | U | 0.0014 | 0.00035 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Dichlorodifluoromethane | 0.0014 | U | 0.0014 | 0.00046 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Ethylbenzene | 0.0014 | U | 0.0014 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Ethylene Dibromide | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Isopropylbenzene | 0.0014 | U | 0.0014 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Methyl acetate | 0.0068 | U | 0.0068 | 0.0059 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Methyl tert-butyl ether | 0.0014 | U | 0.0014 | 0.00070 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Methylcyclohexane | 0.0014 | U | 0.0014 | 0.00068 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Methylene Chloride | 0.0027 | U | 0.0027 | 0.0016 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| m-Xylene & p-Xylene | 0.0014 | U | 0.0014 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| o-Xylene | 0.0014 | U | 0.0014 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Styrene | 0.0014 | U | 0.0014 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Tetrachloroethene | 0.0014 | U | 0.0014 | 0.00042 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Toluene | 0.0014 | U | 0.0014 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| trans-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| trans-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Trichloroethene | 0.0014 | U | 0.0014 | 0.00044 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |

**Client Sample ID: RX-21-01_0-2**
**Lab Sample ID: 460-319954-1**
**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Trichlorofluoromethane | 0.0014 | U | 0.0014 | 0.00056 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |
| Vinyl chloride | 0.0014 | U | 0.0014 | 0.00075 | mg/Kg | ☼ | 02/06/25 18:39 | 02/11/25 01:09 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *65 - 138* | *02/06/25 18:39* | *02/11/25 01:09* | *1* |
| *4-Bromofluorobenzene* | *111* | | *71 - 128* | *02/06/25 18:39* | *02/11/25 01:09* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *50 - 150* | *02/06/25 18:39* | *02/11/25 01:09* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | *02/06/25 18:39* | *02/11/25 01:09* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **1,1'-Biphenyl** | **0.020** | **J** | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **2-Methylnaphthalene** | **0.085** | **J** | 0.33 | 0.0093 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Acenaphthene** | **0.22** | **J** | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Acenaphthylene** | **0.27** | **J** | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Anthracene** | **0.68** | | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Atrazine | 0.13 | U | 0.13 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Benzo[a]anthracene** | **2.2** | | 0.033 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Benzo[a]pyrene** | **2.2** | | 0.033 | 0.0089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Benzo[b]fluoranthene** | **2.7** | | 0.033 | 0.0086 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Benzo[g,h,i]perylene** | **1.2** | | 0.33 | 0.0098 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Benzo[k]fluoranthene** | **0.98** | | 0.033 | 0.0065 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |

**Client Sample ID: RX-21-01_0-2**
**Lab Sample ID: 460-319954-1**
**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Bis(2-ethylhexyl) phthalate** | **0.12** | **J** | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Caprolactam | 0.33 | U | 0.33 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Carbazole** | **0.28** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Chrysene** | **2.2** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Dibenz(a,h)anthracene** | **0.34** | | 0.033 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Dibenzofuran** | **0.15** | **J** | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Di-n-butyl phthalate** | **0.042** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Fluoranthene** | **4.7** | | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Fluorene** | **0.21** | **J** | 0.33 | 0.0097 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **1.0** | | 0.033 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Naphthalene** | **0.13** | **J** | 0.33 | 0.0057 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.068 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Phenanthrene** | **3.5** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |
| **Pyrene** | **4.2** | | 0.33 | 0.0083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *72* | | *24 - 137* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |
| *2-Fluorobiphenyl* | *69* | | *38 - 128* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |
| *2-Fluorophenol (Surr)* | *66* | | *31 - 133* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |
| *Nitrobenzene-d5 (Surr)* | *65* | | *31 - 120* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |
| *Phenol-d5 (Surr)* | *68* | | *35 - 132* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |
| *Terphenyl-d14 (Surr)* | *72* | | *44 - 147* | *02/07/25 19:33* | *02/08/25 22:12* | *1* |

## Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| **4,4'-DDT** | **0.0051** | **J** | 0.0067 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Aldrin | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00075 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Chlordane (technical) | 0.067 | U | 0.067 | 0.016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00087 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |

**Client Sample ID: RX-21-01_0-2**
**Lab Sample ID: 460-319954-1**
**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

## Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Endrin | 0.0067 | U | 0.0067 | 0.00096 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Heptachlor | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |
| Toxaphene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:12 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *61* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:12* | *1* |
| *DCB Decachlorobiphenyl* | *45* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:12* | *1* |
| *Tetrachloro-m-xylene* | *49* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:12* | *1* |
| *Tetrachloro-m-xylene* | *44* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:12* | *1* |

## Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1221 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1232 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1242 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1248 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1254 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1260 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor-1262 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Aroclor 1268 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |
| Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:00 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *73* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:00* | *1* |
| *DCB Decachlorobiphenyl* | *70* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:00* | *1* |
| *Tetrachloro-m-xylene* | *65* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:00* | *1* |
| *Tetrachloro-m-xylene* | *64* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:00* | *1* |

## Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **6400** | | 18.0 | 4.9 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Antimony** | **0.43** | **J** | 0.90 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Arsenic** | **4.5** | | 0.90 | 0.093 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Barium** | **255** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Beryllium** | **0.28** | **J** | 0.36 | 0.051 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Cadmium** | **0.79** | **J** | 0.90 | 0.10 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Calcium** | **21900** | | 89.8 | 36.6 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Chromium** | **17.8** | | 1.8 | 0.82 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Cobalt** | **4.9** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Copper** | **47.6** | | 1.8 | 0.33 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Iron** | **16400** | | 53.9 | 18.1 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| **Lead** | **346** | | 0.54 | 0.18 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |

## Client Sample ID: RX-21-01_0-2
**Lab Sample ID: 460-319954-1**

**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

### Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Magnesium | 4020 | | 89.8 | 9.2 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Manganese | 254 | | 3.6 | 0.36 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Nickel | 14.6 | | 1.8 | 0.42 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Potassium | 1260 | | 89.8 | 14.6 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Selenium | 0.36 | J | 1.1 | 0.11 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Silver | 0.20 | J | 0.36 | 0.080 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Sodium | 143 | | 89.8 | 41.1 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Thallium | 0.089 | J | 0.36 | 0.037 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Vanadium | 22.9 | | 1.8 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |
| Zinc | 229 | | 7.2 | 2.7 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:14 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.31 | | 0.015 | 0.0072 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:41 | 1 |

## Client Sample ID: RX-18-01_0-2
**Lab Sample ID: 460-319954-2**

**Date Collected: 02/05/25 09:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.0**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0012 | U | 0.0012 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0012 | U | 0.0012 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0012 | U | 0.0012 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,1,2-Trichloroethane | 0.0012 | U | 0.0012 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,1-Dichloroethane | 0.0012 | U | 0.0012 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,1-Dichloroethene | 0.0012 | U | 0.0012 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2,3-Trichlorobenzene | 0.0012 | U | 0.0012 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2,4-Trichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0012 | U | 0.0012 | 0.00055 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2-Dichloroethane | 0.0012 | U | 0.0012 | 0.00035 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,2-Dichloropropane | 0.0012 | U | 0.0012 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,3-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 1,4-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 2-Butanone (MEK) | 0.0059 | U | 0.0059 | 0.00044 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 2-Hexanone | 0.0059 | U | 0.0059 | 0.0020 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0059 | U | 0.0059 | 0.0018 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Acetone | 0.0071 | U | 0.0071 | 0.0068 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Benzene | 0.0012 | U | 0.0012 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Bromoform | 0.0012 | U | 0.0012 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Bromomethane | 0.0024 | U * | 0.0024 | 0.0012 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Carbon disulfide | 0.0012 | U | 0.0012 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Carbon tetrachloride | 0.0012 | U | 0.0012 | 0.00046 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chlorobenzene | 0.0012 | U | 0.0012 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chlorobromomethane | 0.0012 | U | 0.0012 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chlorodibromomethane | 0.0012 | U | 0.0012 | 0.00023 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chloroethane | 0.0012 | U | 0.0012 | 0.00062 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chloroform | 0.0012 | U | 0.0012 | 0.0012 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Chloromethane | 0.0012 | U | 0.0012 | 0.00052 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |

## Client Sample ID: RX-18-01_0-2
**Date Collected: 02/05/25 09:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-2
**Matrix: Solid**
**Percent Solids: 99.0**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | 0.0012 | U | 0.0012 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| cis-1,3-Dichloropropene | 0.0012 | U | 0.0012 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Cyclohexane | 0.0012 | U | 0.0012 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Dichlorobromomethane | 0.0012 | U | 0.0012 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Dichlorodifluoromethane | 0.0012 | U | 0.0012 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Ethylbenzene | 0.0012 | U | 0.0012 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Ethylene Dibromide | 0.0012 | U | 0.0012 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Isopropylbenzene | 0.0012 | U | 0.0012 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Methyl acetate | 0.0059 | U | 0.0059 | 0.0051 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Methyl tert-butyl ether | 0.0012 | U | 0.0012 | 0.00061 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Methylcyclohexane | 0.0012 | U | 0.0012 | 0.00059 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Methylene Chloride | 0.0024 | U | 0.0024 | 0.0014 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| **m-Xylene & p-Xylene** | **0.00045** | **J** | 0.0012 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| **o-Xylene** | **0.00025** | **J** | 0.0012 | 0.00023 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Styrene | 0.0012 | U | 0.0012 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Tetrachloroethene | 0.0012 | U | 0.0012 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Toluene | 0.0012 | U | 0.0012 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| trans-1,2-Dichloroethene | 0.0012 | U | 0.0012 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| trans-1,3-Dichloropropene | 0.0012 | U | 0.0012 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Trichloroethene | 0.0012 | U | 0.0012 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Trichlorofluoromethane | 0.0012 | U | 0.0012 | 0.00048 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |
| Vinyl chloride | 0.0012 | U | 0.0012 | 0.00065 | mg/Kg | ☼ | 02/06/25 18:40 | 02/11/25 01:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *97* | | *65 - 138* | *02/06/25 18:40* | *02/11/25 01:32* | *1* |
| *4-Bromofluorobenzene* | *111* | | *71 - 128* | *02/06/25 18:40* | *02/11/25 01:32* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *50 - 150* | *02/06/25 18:40* | *02/11/25 01:32* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | *02/06/25 18:40* | *02/11/25 01:32* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **1,1'-Biphenyl** | **0.012** | **J** | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **2-Methylnaphthalene** | **0.042** | **J** | 0.33 | 0.0093 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |

## Client Sample ID: RX-18-01_0-2
**Date Collected: 02/05/25 09:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-2
**Matrix: Solid**
**Percent Solids: 99.0**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Acenaphthene** | **0.084** | **J** | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Acenaphthylene** | **0.14** | **J** | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Anthracene** | **0.27** | **J** | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Atrazine | 0.13 | U | 0.13 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Benzo[a]anthracene** | **0.92** | | 0.033 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Benzo[a]pyrene** | **0.85** | | 0.033 | 0.0089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Benzo[b]fluoranthene** | **1.1** | | 0.033 | 0.0086 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Benzo[g,h,i]perylene** | **0.50** | | 0.33 | 0.0098 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Benzo[k]fluoranthene** | **0.38** | | 0.033 | 0.0065 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Bis(2-ethylhexyl) phthalate** | **0.090** | **J** | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Butyl benzyl phthalate** | **0.065** | **J** | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Caprolactam | 0.33 | U | 0.33 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Carbazole** | **0.11** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Chrysene** | **1.0** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Dibenz(a,h)anthracene** | **0.14** | | 0.033 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Dibenzofuran** | **0.055** | **J** | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Di-n-butyl phthalate** | **0.019** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Fluoranthene** | **1.8** | | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Fluorene** | **0.11** | **J** | 0.33 | 0.0097 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.39** | | 0.033 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Naphthalene** | **0.071** | **J** | 0.33 | 0.0057 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.068 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Phenanthrene** | **1.5** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| **Pyrene** | **1.8** | | 0.33 | 0.0083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 21:52 | 1 |

## Client Sample ID: RX-18-01_0-2
**Date Collected: 02/05/25 09:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-2
**Matrix: Solid**
**Percent Solids: 99.0**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| 2,4,6-Tribromophenol (Surr) | 76 | | 24 - 137 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Fluorobiphenyl | 73 | | 38 - 128 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| 2-Fluorophenol (Surr) | 71 | | 31 - 133 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Nitrobenzene-d5 (Surr) | 69 | | 31 - 120 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Phenol-d5 (Surr) | 71 | | 35 - 132 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |
| Terphenyl-d14 (Surr) | 71 | | 44 - 147 | 02/07/25 19:33 | 02/08/25 21:52 | 1 |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| **4,4'-DDE** | **0.0016** | **J** | 0.0067 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| **4,4'-DDT** | **0.0034** | **J** | 0.0067 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Aldrin | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00076 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Chlordane (technical) | 0.067 | U | 0.067 | 0.016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00088 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00085 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endrin | 0.0067 | U | 0.0067 | 0.00097 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Heptachlor | 0.0067 | U | 0.0067 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Toxaphene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:24 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| DCB Decachlorobiphenyl | 69 | | 17 - 150 | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| DCB Decachlorobiphenyl | 55 | | 17 - 150 | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Tetrachloro-m-xylene | 58 | | 21 - 150 | 02/06/25 15:57 | 02/07/25 06:24 | 1 |
| Tetrachloro-m-xylene | 52 | | 21 - 150 | 02/06/25 15:57 | 02/07/25 06:24 | 1 |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1221 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1232 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1242 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1248 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1254 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1260 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor-1262 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Aroclor 1268 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |
| Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:16 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| DCB Decachlorobiphenyl | 77 | | 20 - 150 | 02/06/25 15:37 | 02/07/25 20:16 | 1 |

## Client Sample ID: RX-18-01_0-2
**Lab Sample ID: 460-319954-2**

**Date Collected: 02/05/25 09:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.0**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *78* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:16* | *1* |
| *Tetrachloro-m-xylene* | *73* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:16* | *1* |
| *Tetrachloro-m-xylene* | *72* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:16* | *1* |

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **4810** | | 18.4 | 5.0 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Antimony** | **0.34** | **J** | 0.92 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Arsenic** | **4.1** | | 0.92 | 0.095 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Barium** | **256** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Beryllium** | **0.25** | **J** | 0.37 | 0.052 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Cadmium** | **0.52** | **J** | 0.92 | 0.10 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Calcium** | **6560** | | 91.8 | 37.4 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Chromium** | **14.5** | | 1.8 | 0.83 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Cobalt** | **4.5** | | 1.8 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Copper** | **37.5** | | 1.8 | 0.34 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Iron** | **19500** | | 55.1 | 18.5 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Lead** | **324** | | 0.55 | 0.18 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Magnesium** | **1860** | | 91.8 | 9.4 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Manganese** | **290** | | 3.7 | 0.37 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Nickel** | **17.8** | | 1.8 | 0.43 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Potassium** | **586** | | 91.8 | 14.9 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Selenium** | **0.33** | **J** | 1.1 | 0.12 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Silver** | **0.14** | **J** | 0.37 | 0.082 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Sodium** | **64.8** | **J** | 91.8 | 41.9 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Thallium** | **0.074** | **J** | 0.37 | 0.038 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Vanadium** | **18.5** | | 1.8 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |
| **Zinc** | **235** | | 7.3 | 2.8 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:17 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.33** | | 0.015 | 0.0071 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:43 | 1 |

## Client Sample ID: RX-20-01_0-2
**Lab Sample ID: 460-319954-3**

**Date Collected: 02/05/25 11:10**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.1**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00023 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00022 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00049 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |

## Client Sample ID: RX-20-01_0-2
**Date Collected: 02/05/25 11:10**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-3
**Matrix: Solid**
**Percent Solids: 99.1**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00045 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 2-Butanone (MEK) | 0.0053 | U | 0.0053 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 2-Hexanone | 0.0053 | U | 0.0053 | 0.0018 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0053 | U | 0.0053 | 0.0017 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Acetone | 0.0064 | U | 0.0064 | 0.0061 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Benzene | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Bromoform | 0.0011 | U | 0.0011 | 0.00045 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Bromomethane | 0.0021 | U * | 0.0021 | 0.0011 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Carbon disulfide | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chlorobenzene | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chloroethane | 0.0011 | U | 0.0011 | 0.00056 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chloroform | 0.0011 | U | 0.0011 | 0.0010 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Chloromethane | 0.0011 | U | 0.0011 | 0.00046 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Cyclohexane | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Ethylbenzene | 0.0011 | U | 0.0011 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Methyl acetate | 0.0053 | U | 0.0053 | 0.0046 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00055 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00053 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Methylene Chloride | 0.0021 | U | 0.0021 | 0.0012 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| m-Xylene & p-Xylene | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| o-Xylene | 0.0011 | U | 0.0011 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Styrene | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Toluene | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Trichloroethene | 0.0011 | U | 0.0011 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |
| Vinyl chloride | 0.0011 | U | 0.0011 | 0.00058 | mg/Kg | ☼ | 02/06/25 18:41 | 02/11/25 01:55 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *94* | | *65 - 138* | *02/06/25 18:41* | *02/11/25 01:55* | *1* |
| *4-Bromofluorobenzene* | *109* | | *71 - 128* | *02/06/25 18:41* | *02/11/25 01:55* | *1* |
| *Dibromofluoromethane (Surr)* | *100* | | *50 - 150* | *02/06/25 18:41* | *02/11/25 01:55* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | *02/06/25 18:41* | *02/11/25 01:55* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |

## Client Sample ID: RX-20-01_0-2
**Lab Sample ID: 460-319954-3**

**Date Collected: 02/05/25 11:10**
**Matrix: Solid**

**Date Received: 02/05/25 18:30**
**Percent Solids: 99.1**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Methylnaphthalene | 0.33 | U | 0.33 | 0.0093 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Acenaphthene | 0.33 | U | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Acenaphthylene | 0.33 | U | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Anthracene** | **0.019** | **J** | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Atrazine | 0.13 | U | 0.13 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Benzo[a]anthracene** | **0.088** | | 0.033 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Benzo[a]pyrene** | **0.089** | | 0.033 | 0.0088 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Benzo[b]fluoranthene** | **0.11** | | 0.033 | 0.0086 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Benzo[g,h,i]perylene** | **0.065** | **J** | 0.33 | 0.0098 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Benzo[k]fluoranthene** | **0.044** | | 0.033 | 0.0065 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Caprolactam | 0.33 | U | 0.33 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Carbazole | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Chrysene** | **0.090** | **J** | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Dibenz(a,h)anthracene** | **0.017** | **J** | 0.033 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Dibenzofuran | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |

## Client Sample ID: RX-20-01_0-2
**Date Collected: 02/05/25 11:10**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-3
**Matrix: Solid**
**Percent Solids: 99.1**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Fluoranthene** | **0.17** | **J** | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Fluorene | 0.33 | U | 0.33 | 0.0097 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.045** | | 0.033 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Naphthalene | 0.33 | U | 0.33 | 0.0057 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.068 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Phenanthrene** | **0.096** | **J** | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |
| **Pyrene** | **0.16** | **J** | 0.33 | 0.0083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 18:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *71* | | *24 - 137* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |
| *2-Fluorobiphenyl* | *69* | | *38 - 128* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |
| *2-Fluorophenol (Surr)* | *67* | | *31 - 133* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |
| *Nitrobenzene-d5 (Surr)* | *66* | | *31 - 120* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |
| *Phenol-d5 (Surr)* | *67* | | *35 - 132* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |
| *Terphenyl-d14 (Surr)* | *71* | | *44 - 147* | *02/07/25 19:33* | *02/08/25 18:59* | *1* |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| 4,4'-DDT | 0.0067 | U | 0.0067 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Aldrin | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00075 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Chlordane (technical) | 0.067 | U | 0.067 | 0.016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00087 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endrin | 0.0067 | U | 0.0067 | 0.00096 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Heptachlor | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |
| Toxaphene | 0.067 | U | 0.067 | 0.024 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:36 | 1 |

## Client Sample ID: RX-20-01_0-2
**Date Collected: 02/05/25 11:10**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-3
**Matrix: Solid**
**Percent Solids: 99.1**

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *75* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:36* | *1* |
| *DCB Decachlorobiphenyl* | *60* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:36* | *1* |
| *Tetrachloro-m-xylene* | *62* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:36* | *1* |
| *Tetrachloro-m-xylene* | *56* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:36* | *1* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1221 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1232 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1242 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1248 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1254 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1260 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor-1262 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Aroclor 1268 | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |
| Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:33 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *86* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:33* | *1* |
| *DCB Decachlorobiphenyl* | *85* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:33* | *1* |
| *Tetrachloro-m-xylene* | *82* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:33* | *1* |
| *Tetrachloro-m-xylene* | *83* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:33* | *1* |

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **6000** | | 18.9 | 5.2 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| Antimony | 0.94 | U | 0.94 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Arsenic** | **2.7** | | 0.94 | 0.097 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Barium** | **51.8** | | 1.9 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Beryllium** | **0.38** | | 0.38 | 0.054 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Cadmium** | **0.15** | **J** | 0.94 | 0.11 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Calcium** | **1300** | | 94.3 | 38.4 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Chromium** | **16.4** | | 1.9 | 0.86 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Cobalt** | **6.6** | | 1.9 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Copper** | **19.1** | | 1.9 | 0.35 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Iron** | **25200** | | 56.6 | 19.0 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Lead** | **45.7** | | 0.57 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Magnesium** | **2070** | | 94.3 | 9.6 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Manganese** | **499** | | 3.8 | 0.38 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Nickel** | **11.6** | | 1.9 | 0.44 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Potassium** | **970** | | 94.3 | 15.3 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Selenium** | **0.17** | **J** | 1.2 | 0.12 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| Silver | 0.38 | U | 0.38 | 0.084 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Sodium** | **62.9** | **J** | 94.3 | 43.1 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Thallium** | **0.21** | **J** | 0.38 | 0.039 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Vanadium** | **27.8** | | 1.9 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |
| **Zinc** | **92.4** | | 7.5 | 2.9 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:19 | 1 |

## Client Sample ID: RX-20-01_0-2

**Lab Sample ID: 460-319954-3**
**Date Collected: 02/05/25 11:10**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.1**

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.10 | | 0.017 | 0.0078 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:13 | 1 |

## Client Sample ID: RX-22-01_0-2

**Lab Sample ID: 460-319954-4**
**Date Collected: 02/05/25 11:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.3**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00023 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00052 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00048 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 2-Butanone (MEK) | 0.0056 | U | 0.0056 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 2-Hexanone | 0.0056 | U | 0.0056 | 0.0019 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0056 | U | 0.0056 | 0.0017 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Acetone | 0.0067 | U | 0.0067 | 0.0064 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Benzene | 0.0011 | U | 0.0011 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Bromoform | 0.0011 | U | 0.0011 | 0.00048 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Bromomethane | 0.0022 | U * | 0.0022 | 0.0011 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Carbon disulfide | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00044 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chlorobenzene | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00022 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chloroethane | 0.0011 | U | 0.0011 | 0.00059 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chloroform | 0.0011 | U | 0.0011 | 0.0011 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Chloromethane | 0.0011 | U | 0.0011 | 0.00049 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Cyclohexane | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Ethylbenzene | 0.0011 | U | 0.0011 | 0.00022 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Methyl acetate | 0.0056 | U | 0.0056 | 0.0048 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00058 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00056 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Methylene Chloride | 0.0022 | U | 0.0022 | 0.0013 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| m-Xylene & p-Xylene | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |

## Client Sample ID: RX-22-01_0-2
**Date Collected: 02/05/25 11:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-4
**Matrix: Solid**
**Percent Solids: 98.3**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| o-Xylene | 0.0011 | U | 0.0011 | 0.00022 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Styrene | 0.0011 | U | 0.0011 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Toluene | 0.0011 | U | 0.0011 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Trichloroethene | 0.0011 | U | 0.0011 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00046 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |
| Vinyl chloride | 0.0011 | U | 0.0011 | 0.00061 | mg/Kg | ☼ | 02/06/25 18:42 | 02/11/25 02:18 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *95* | | *65 - 138* | *02/06/25 18:42* | *02/11/25 02:18* | *1* |
| *4-Bromofluorobenzene* | *110* | | *71 - 128* | *02/06/25 18:42* | *02/11/25 02:18* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *50 - 150* | *02/06/25 18:42* | *02/11/25 02:18* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | *02/06/25 18:42* | *02/11/25 02:18* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **1,1'-Biphenyl** | **0.055** | **J** | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.022 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,4-Dinitrotoluene | 0.068 | U | 0.068 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2,6-Dinitrotoluene | 0.068 | U | 0.068 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **2-Methylnaphthalene** | **0.26** | **J** | 0.33 | 0.0094 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.051 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.080 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.039 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| 4-Nitrophenol | 0.68 | U | 0.68 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Acenaphthene** | **0.41** | | 0.33 | 0.0096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Acenaphthylene** | **0.077** | **J** | 0.33 | 0.0096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Anthracene** | **0.93** | | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |

## Client Sample ID: RX-22-01_0-2
**Date Collected: 02/05/25 11:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-4
**Matrix: Solid**
**Percent Solids: 98.3**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Atrazine | 0.13 | U | 0.13 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Benzo[a]anthracene** | **1.5** | | 0.033 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Benzo[a]pyrene** | **1.2** | | 0.033 | 0.0089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Benzo[b]fluoranthene** | **1.4** | | 0.033 | 0.0087 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Benzo[g,h,i]perylene** | **0.80** | | 0.33 | 0.0099 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Benzo[k]fluoranthene** | **0.48** | | 0.033 | 0.0066 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Caprolactam | 0.33 | U | 0.33 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Carbazole** | **0.22** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Chrysene** | **1.6** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Dibenz(a,h)anthracene** | **0.20** | | 0.033 | 0.015 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Dibenzofuran** | **0.22** | **J** | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Fluoranthene** | **3.3** | | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Fluorene** | **0.45** | | 0.33 | 0.0098 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Hexachlorobutadiene | 0.068 | U | 0.068 | 0.0071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.59** | | 0.033 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.097 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Naphthalene** | **0.27** | **J** | 0.33 | 0.0058 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.028 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.069 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Phenanthrene** | **4.7** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |
| **Pyrene** | **3.6** | | 0.33 | 0.0083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 20:54 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *76* | | *24 - 137* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |
| *2-Fluorobiphenyl* | *73* | | *38 - 128* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |
| *2-Fluorophenol (Surr)* | *69* | | *31 - 133* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |
| *Nitrobenzene-d5 (Surr)* | *68* | | *31 - 120* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |
| *Phenol-d5 (Surr)* | *68* | | *35 - 132* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |
| *Terphenyl-d14 (Surr)* | *75* | | *44 - 147* | *02/07/25 19:33* | *02/08/25 20:54* | *1* |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |

## Client Sample ID: RX-22-01_0-2
**Date Collected: 02/05/25 11:45**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-4
**Matrix: Solid**
**Percent Solids: 98.3**

### Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aldrin | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00076 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Chlordane (technical) | 0.068 | U | 0.068 | 0.016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00042 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00088 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endosulfan II | 0.0068 | U | 0.0068 | 0.0017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00085 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endrin | 0.0068 | U | 0.0068 | 0.00097 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Heptachlor | 0.0068 | U | 0.0068 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Methoxychlor | 0.0068 | U | 0.0068 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |
| Toxaphene | 0.068 | U | 0.068 | 0.025 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 06:49 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *74* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:49* | *1* |
| *DCB Decachlorobiphenyl* | *60* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 06:49* | *1* |
| *Tetrachloro-m-xylene* | *62* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:49* | *1* |
| *Tetrachloro-m-xylene* | *57* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 06:49* | *1* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1221 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1232 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1242 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1248 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1254 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1260 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor-1262 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Aroclor 1268 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |
| Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 20:50 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *85* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:50* | *1* |
| *DCB Decachlorobiphenyl* | *88* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:50* | *1* |
| *Tetrachloro-m-xylene* | *79* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:50* | *1* |
| *Tetrachloro-m-xylene* | *80* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 20:50* | *1* |

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **5240** | | 18.5 | 5.1 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| **Antimony** | **0.21** | **J** | 0.92 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| **Arsenic** | **3.1** | | 0.92 | 0.095 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| **Barium** | **115** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| **Beryllium** | **0.29** | **J** | 0.37 | 0.053 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |

## Client Sample ID: RX-22-01_0-2
**Lab Sample ID: 460-319954-4**

**Date Collected: 02/05/25 11:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.3**

### Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Cadmium | 0.30 | J | 0.92 | 0.10 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Calcium | 2020 | | 92.4 | 37.6 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Chromium | 14.2 | | 1.8 | 0.84 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Cobalt | 5.0 | | 1.8 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Copper | 27.7 | | 1.8 | 0.34 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Iron | 17900 | | 55.5 | 18.7 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Lead | 187 | | 0.55 | 0.18 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Magnesium | 1540 | | 92.4 | 9.4 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Manganese | 329 | | 3.7 | 0.37 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Nickel | 10.5 | | 1.8 | 0.43 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Potassium | 711 | | 92.4 | 15.0 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Selenium | 0.33 | J | 1.2 | 0.12 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Silver | 0.14 | J | 0.37 | 0.082 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Sodium | 64.9 | J | 92.4 | 42.2 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Thallium | 0.086 | J | 0.37 | 0.038 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Vanadium | 21.3 | | 1.8 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |
| Zinc | 143 | | 7.4 | 2.8 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:22 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.42 | | 0.015 | 0.0073 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:45 | 1 |

## Client Sample ID: RX-19-01_0-2
**Lab Sample ID: 460-319954-5**

**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 97.9**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00023 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00051 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00047 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 2-Butanone (MEK) | 0.0055 | U | 0.0055 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 2-Hexanone | 0.0055 | U | 0.0055 | 0.0019 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0055 | U | 0.0055 | 0.0017 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Acetone | 0.0066 | U | 0.0066 | 0.0063 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Benzene | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Bromoform | 0.0011 | U | 0.0011 | 0.00047 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Bromomethane | 0.0022 | U * | 0.0022 | 0.0011 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Carbon disulfide | 0.0011 | U | 0.0011 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |

**Client Sample ID: RX-19-01_0-2**
**Lab Sample ID: 460-319954-5**
**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 97.9**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00043 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chlorobenzene | 0.0011 | U | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chloroethane | 0.0011 | U | 0.0011 | 0.00057 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chloroform | 0.0011 | U | 0.0011 | 0.0011 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Chloromethane | 0.0011 | U | 0.0011 | 0.00048 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Cyclohexane | 0.0011 | U | 0.0011 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00037 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Ethylbenzene | 0.0011 | U | 0.0011 | 0.00022 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00020 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Methyl acetate | 0.0055 | U | 0.0055 | 0.0047 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00056 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00055 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Methylene Chloride | 0.0022 | U | 0.0022 | 0.0013 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| **m-Xylene & p-Xylene** | **0.00037** | **J** | 0.0011 | 0.00019 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| **o-Xylene** | **0.00029** | **J** | 0.0011 | 0.00021 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Styrene | 0.0011 | U | 0.0011 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Toluene | 0.0011 | U | 0.0011 | 0.00026 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Trichloroethene | 0.0011 | U | 0.0011 | 0.00035 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00045 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |
| Vinyl chloride | 0.0011 | U | 0.0011 | 0.00060 | mg/Kg | ☼ | 02/06/25 18:43 | 02/11/25 02:42 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *65 - 138* | *02/06/25 18:43* | *02/11/25 02:42* | *1* |
| *4-Bromofluorobenzene* | *111* | | *71 - 128* | *02/06/25 18:43* | *02/11/25 02:42* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *50 - 150* | *02/06/25 18:43* | *02/11/25 02:42* | *1* |
| *Toluene-d8 (Surr)* | *98* | | *71 - 126* | *02/06/25 18:43* | *02/11/25 02:42* | *1* |

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **1,1'-Biphenyl** | **0.087** | **J** | 1.7 | 0.058 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 1,2,4,5-Tetrachlorobenzene | 1.7 | U | 1.7 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 1,4-Dioxane | 0.17 | U | 0.17 | 0.15 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,2'-oxybis[1-chloropropane] | 1.7 | U | 1.7 | 0.10 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,3,4,6-Tetrachlorophenol | 1.7 | U | 1.7 | 0.11 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 0.17 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4,6-Trichlorophenol | 0.68 | U | 0.68 | 0.22 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4-Dichlorophenol | 0.68 | U | 0.68 | 0.11 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4-Dimethylphenol | 1.7 | U | 1.7 | 0.20 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4-Dinitrophenol | 1.4 | U | 1.4 | 0.83 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,4-Dinitrotoluene | 0.34 | U | 0.34 | 0.18 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2,6-Dinitrotoluene | 0.34 | U | 0.34 | 0.12 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |

**Client Sample ID: RX-19-01_0-2**
**Lab Sample ID: 460-319954-5**
**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 97.9**

## Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2-Chloronaphthalene | 1.7 | U | 1.7 | 0.078 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2-Chlorophenol | 1.7 | U | 1.7 | 0.060 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **2-Methylnaphthalene** | **0.29** | **J** | 1.7 | 0.047 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2-Methylphenol | 1.7 | U | 1.7 | 0.063 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2-Nitroaniline | 1.7 | U | 1.7 | 0.13 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 2-Nitrophenol | 1.7 | U | 1.7 | 0.17 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 3,3'-Dichlorobenzidine | 0.68 | U | 0.68 | 0.25 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 3-Nitroaniline | 1.7 | U | 1.7 | 0.40 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4,6-Dinitro-2-methylphenol | 1.4 | U | 1.4 | 0.69 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Bromophenyl phenyl ether | 1.7 | U | 1.7 | 0.067 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Chloro-3-methylphenol | 1.7 | U | 1.7 | 0.094 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Chloroaniline | 1.7 | U | 1.7 | 0.30 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Chlorophenyl phenyl ether | 1.7 | U | 1.7 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Methylphenol | 1.7 | U | 1.7 | 0.11 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Nitroaniline | 1.7 | U | 1.7 | 0.19 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| 4-Nitrophenol | 3.4 | U | 3.4 | 0.27 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Acenaphthene** | **0.43** | **J** | 1.7 | 0.048 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Acenaphthylene** | **1.4** | **J** | 1.7 | 0.048 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Acetophenone | 1.7 | U | 1.7 | 0.083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Anthracene** | **1.9** | | 1.7 | 0.051 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Atrazine | 0.68 | U | 0.68 | 0.099 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Benzaldehyde | 1.7 | U | 1.7 | 0.28 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Benzo[a]anthracene** | **6.2** | | 0.17 | 0.13 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Benzo[a]pyrene** | **7.9** | | 0.17 | 0.045 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Benzo[b]fluoranthene** | **9.4** | | 0.17 | 0.044 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Benzo[g,h,i]perylene** | **4.8** | | 1.7 | 0.050 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Benzo[k]fluoranthene** | **3.3** | | 0.17 | 0.033 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Bis(2-chloroethoxy)methane | 1.7 | U | 1.7 | 0.13 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Bis(2-chloroethyl)ether | 0.17 | U | 0.17 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Bis(2-ethylhexyl) phthalate | 1.7 | U | 1.7 | 0.089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Butyl benzyl phthalate | 1.7 | U | 1.7 | 0.079 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Caprolactam | 1.7 | U | 1.7 | 0.26 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Carbazole** | **0.82** | **J** | 1.7 | 0.064 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Chrysene** | **6.2** | | 1.7 | 0.071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Dibenz(a,h)anthracene** | **1.2** | | 0.17 | 0.073 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Dibenzofuran** | **0.47** | **J** | 1.7 | 0.056 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Diethyl phthalate | 1.7 | U | 1.7 | 0.054 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Dimethyl phthalate | 1.7 | U | 1.7 | 0.38 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Di-n-butyl phthalate | 1.7 | U | 1.7 | 0.063 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Di-n-octyl phthalate | 1.7 | U | 1.7 | 0.089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Fluoranthene** | **12** | | 1.7 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Fluorene** | **0.56** | **J** | 1.7 | 0.049 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Hexachlorobenzene | 0.17 | U | 0.17 | 0.080 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Hexachlorobutadiene | 0.34 | U | 0.34 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Hexachlorocyclopentadiene | 1.7 | U | 1.7 | 0.15 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Hexachloroethane | 0.17 | U | 0.17 | 0.058 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Indeno[1,2,3-cd]pyrene** | **3.7** | | 0.17 | 0.066 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Isophorone | 0.68 | U | 0.68 | 0.49 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Naphthalene** | **0.65** | **J** | 1.7 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |

## Client Sample ID: RX-19-01_0-2
**Date Collected: 02/05/25 12:30**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-5
**Matrix: Solid**
**Percent Solids: 97.9**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Nitrobenzene | 0.17 | U | 0.17 | 0.093 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| N-Nitrosodi-n-propylamine | 0.17 | U | 0.17 | 0.12 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Pentachlorophenol | 1.4 | U | 1.4 | 0.34 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Phenanthrene** | **7.9** | | 1.7 | 0.069 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| Phenol | 1.7 | U | 1.7 | 0.062 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |
| **Pyrene** | **12** | | 1.7 | 0.042 | mg/Kg | ☼ | 02/07/25 19:33 | 02/08/25 22:31 | 5 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *76* | | *24 - 137* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |
| *2-Fluorobiphenyl* | *75* | | *38 - 128* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |
| *2-Fluorophenol (Surr)* | *69* | | *31 - 133* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *31 - 120* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |
| *Phenol-d5 (Surr)* | *71* | | *35 - 132* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |
| *Terphenyl-d14 (Surr)* | *77* | | *44 - 147* | *02/07/25 19:33* | *02/08/25 22:31* | *5* |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00081 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Aldrin | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00077 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Chlordane (technical) | 0.068 | U | 0.068 | 0.017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00042 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00089 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endosulfan II | 0.0068 | U | 0.0068 | 0.0018 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00086 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endrin | 0.0068 | U | 0.0068 | 0.00098 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Heptachlor | 0.0068 | U | 0.0068 | 0.00081 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Methoxychlor | 0.0068 | U | 0.0068 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |
| Toxaphene | 0.068 | U | 0.068 | 0.025 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:01 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *68* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 07:01* | *1* |
| *DCB Decachlorobiphenyl* | *53* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 07:01* | *1* |
| *Tetrachloro-m-xylene* | *57* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 07:01* | *1* |
| *Tetrachloro-m-xylene* | *51* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 07:01* | *1* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1221 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1232 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |

## Client Sample ID: RX-19-01_0-2
**Lab Sample ID: 460-319954-5**

**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 97.9**

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1242 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1248 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1254 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1260 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor-1262 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Aroclor 1268 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |
| Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:06 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *83* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:06* | *1* |
| *DCB Decachlorobiphenyl* | *85* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:06* | *1* |
| *Tetrachloro-m-xylene* | *71* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:06* | *1* |
| *Tetrachloro-m-xylene* | *73* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:06* | *1* |

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **5790** | | 19.3 | 5.3 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Antimony** | **0.18** | **J** | 0.96 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Arsenic** | **3.7** | | 0.96 | 0.099 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Barium** | **158** | | 1.9 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Beryllium** | **0.34** | **J** | 0.39 | 0.055 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Cadmium** | **0.32** | **J** | 0.96 | 0.11 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Calcium** | **14000** | | 96.4 | 39.2 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Chromium** | **14.0** | | 1.9 | 0.88 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Cobalt** | **5.3** | | 1.9 | 0.14 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Copper** | **25.3** | | 1.9 | 0.35 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Iron** | **18300** | | 57.8 | 19.5 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Lead** | **303** | | 0.58 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Magnesium** | **2180** | | 96.4 | 9.8 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Manganese** | **356** | | 3.9 | 0.39 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Nickel** | **11.6** | | 1.9 | 0.45 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Potassium** | **922** | | 96.4 | 15.6 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Selenium** | **0.21** | **J** | 1.2 | 0.12 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| Silver | 0.39 | U | 0.39 | 0.086 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Sodium** | **109** | | 96.4 | 44.1 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Thallium** | **0.088** | **J** | 0.39 | 0.040 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Vanadium** | **22.3** | | 1.9 | 0.20 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |
| **Zinc** | **127** | | 7.7 | 2.9 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:24 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Mercury** | **0.15** | | 0.016 | 0.0075 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:47 | 1 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**

**Date Collected: 02/05/25 12:00**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.7**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0014 | U | 0.0014 | 0.00032 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0014 | U | 0.0014 | 0.00030 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**

**Date Collected: 02/05/25 12:00**
**Matrix: Solid**

**Date Received: 02/05/25 18:30**
**Percent Solids: 98.7**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0014 | U | 0.0014 | 0.00042 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,1,2-Trichloroethane | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,1-Dichloroethane | 0.0014 | U | 0.0014 | 0.00029 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,1-Dichloroethene | 0.0014 | U | 0.0014 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2,3-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2,4-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0014 | U | 0.0014 | 0.00064 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2-Dichloroethane | 0.0014 | U | 0.0014 | 0.00041 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,2-Dichloropropane | 0.0014 | U | 0.0014 | 0.00059 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,3-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00051 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 1,4-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 2-Butanone (MEK) | 0.0070 | U | 0.0070 | 0.00051 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 2-Hexanone | 0.0070 | U | 0.0070 | 0.0024 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0070 | U | 0.0070 | 0.0022 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Acetone | 0.0084 | U | 0.0084 | 0.0080 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Benzene | 0.0014 | U | 0.0014 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Bromoform | 0.0014 | U | 0.0014 | 0.00059 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Bromomethane | 0.0028 | U * | 0.0028 | 0.0014 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Carbon disulfide | 0.0014 | U | 0.0014 | 0.00037 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Carbon tetrachloride | 0.0014 | U | 0.0014 | 0.00054 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chlorobenzene | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chlorobromomethane | 0.0014 | U | 0.0014 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chlorodibromomethane | 0.0014 | U | 0.0014 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chloroethane | 0.0014 | U | 0.0014 | 0.00073 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chloroform | 0.0014 | U | 0.0014 | 0.0014 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Chloromethane | 0.0014 | U | 0.0014 | 0.00061 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| cis-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00050 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| cis-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00038 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Cyclohexane | 0.0014 | U | 0.0014 | 0.00031 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Dichlorobromomethane | 0.0014 | U | 0.0014 | 0.00036 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Dichlorodifluoromethane | 0.0014 | U | 0.0014 | 0.00047 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Ethylbenzene | 0.0014 | U | 0.0014 | 0.00028 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Ethylene Dibromide | 0.0014 | U | 0.0014 | 0.00025 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Isopropylbenzene | 0.0014 | U | 0.0014 | 0.00040 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Methyl acetate | 0.0070 | U | 0.0070 | 0.0060 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Methyl tert-butyl ether | 0.0014 | U | 0.0014 | 0.00071 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Methylcyclohexane | 0.0014 | U | 0.0014 | 0.00069 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Methylene Chloride | 0.0028 | U | 0.0028 | 0.0016 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| m-Xylene & p-Xylene | 0.0014 | U | 0.0014 | 0.00024 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| o-Xylene | 0.0014 | U | 0.0014 | 0.00027 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Styrene | 0.0014 | U | 0.0014 | 0.00039 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Tetrachloroethene | 0.0014 | U | 0.0014 | 0.00042 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Toluene | 0.0014 | U | 0.0014 | 0.00033 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| trans-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00034 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| trans-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00037 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Trichloroethene | 0.0014 | U | 0.0014 | 0.00045 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Trichlorofluoromethane | 0.0014 | U | 0.0014 | 0.00057 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |
| Vinyl chloride | 0.0014 | U | 0.0014 | 0.00076 | mg/Kg | ☼ | 02/06/25 18:44 | 02/11/25 12:46 | 1 |

## Client Sample ID: DUP_02052025
**Date Collected: 02/05/25 12:00**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-6
**Matrix: Solid**
**Percent Solids: 98.7**

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *99* | | *65 - 138* | *02/06/25 18:44* | *02/11/25 12:46* | *1* |
| *4-Bromofluorobenzene* | *102* | | *71 - 128* | *02/06/25 18:44* | *02/11/25 12:46* | *1* |
| *Dibromofluoromethane (Surr)* | *106* | | *50 - 150* | *02/06/25 18:44* | *02/11/25 12:46* | *1* |
| *Toluene-d8 (Surr)* | *100* | | *71 - 126* | *02/06/25 18:44* | *02/11/25 12:46* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **1,1'-Biphenyl** | **0.014** | **J** | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,4-Dinitrotoluene | 0.068 | U | 0.068 | 0.036 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2,6-Dinitrotoluene | 0.068 | U | 0.068 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **2-Methylnaphthalene** | **0.045** | **J** | 0.33 | 0.0094 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.051 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| 4-Nitrophenol | 0.68 | U | 0.68 | 0.054 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Acenaphthene** | **0.093** | **J** | 0.33 | 0.0095 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Acenaphthylene** | **0.16** | **J** | 0.33 | 0.0096 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Anthracene** | **0.34** | | 0.33 | 0.010 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Atrazine | 0.13 | U | 0.13 | 0.020 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Benzo[a]anthracene** | **1.2** | | 0.033 | 0.025 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Benzo[a]pyrene** | **1.5** | | 0.033 | 0.0089 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Benzo[b]fluoranthene** | **2.1** | | 0.033 | 0.0087 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Benzo[g,h,i]perylene** | **0.81** | | 0.33 | 0.0099 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Benzo[k]fluoranthene** | **0.63** | | 0.033 | 0.0066 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Bis(2-ethylhexyl) phthalate** | **0.048** | **J** | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**

**Date Collected: 02/05/25 12:00**
**Matrix: Solid**

**Date Received: 02/05/25 18:30**
**Percent Solids: 98.7**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Caprolactam | 0.33 | U | 0.33 | 0.052 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Carbazole** | **0.20** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Chrysene** | **1.3** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Dibenz(a,h)anthracene** | **0.21** | | 0.033 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Dibenzofuran** | **0.079** | **J** | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Di-n-butyl phthalate** | **0.018** | **J** | 0.33 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Fluoranthene** | **2.7** | | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Fluorene** | **0.099** | **J** | 0.33 | 0.0098 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Hexachlorobutadiene | 0.068 | U | 0.068 | 0.0071 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.011 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Indeno[1,2,3-cd]pyrene** | **0.68** | | 0.033 | 0.013 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.097 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Naphthalene** | **0.14** | **J** | 0.33 | 0.0058 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.019 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.069 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Phenanthrene** | **1.5** | | 0.33 | 0.014 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |
| **Pyrene** | **2.4** | | 0.33 | 0.0083 | mg/Kg | ☼ | 02/07/25 19:33 | 02/10/25 20:07 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *66* | | *24 - 137* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |
| *2-Fluorobiphenyl* | *64* | | *38 - 128* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |
| *2-Fluorophenol (Surr)* | *64* | | *31 - 133* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |
| *Nitrobenzene-d5 (Surr)* | *61* | | *31 - 120* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |
| *Phenol-d5 (Surr)* | *64* | | *35 - 132* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |
| *Terphenyl-d14 (Surr)* | *65* | | *44 - 147* | *02/07/25 19:33* | *02/10/25 20:07* | *1* |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0011 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0012 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Aldrin | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00076 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Chlordane (technical) | 0.068 | U | 0.068 | 0.016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00088 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Endosulfan II | 0.0068 | U | 0.0068 | 0.0017 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00085 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Endrin | 0.0068 | U | 0.0068 | 0.00097 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |

## Client Sample ID: DUP_02052025
**Date Collected: 02/05/25 12:00**
**Date Received: 02/05/25 18:30**

## Lab Sample ID: 460-319954-6
**Matrix: Solid**
**Percent Solids: 98.7**

### Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Heptachlor | 0.0068 | U | 0.0068 | 0.00080 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Methoxychlor | 0.0068 | U | 0.0068 | 0.0015 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |
| Toxaphene | 0.068 | U | 0.068 | 0.024 | mg/Kg | ☼ | 02/06/25 15:57 | 02/07/25 07:13 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *89* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 07:13* | *1* |
| *DCB Decachlorobiphenyl* | *71* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 07:13* | *1* |
| *Tetrachloro-m-xylene* | *74* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 07:13* | *1* |
| *Tetrachloro-m-xylene* | *67* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 07:13* | *1* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1221 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1232 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1242 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1248 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1254 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1260 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor-1262 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Aroclor 1268 | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |
| Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 | mg/Kg | ☼ | 02/06/25 15:37 | 02/07/25 21:23 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *106* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:23* | *1* |
| *DCB Decachlorobiphenyl* | *102* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:23* | *1* |
| *Tetrachloro-m-xylene* | *97* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:23* | *1* |
| *Tetrachloro-m-xylene* | *100* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 21:23* | *1* |

### Method: SW846 6020B - Metals (ICP/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Aluminum** | **6170** | | 18.1 | 5.0 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Antimony** | **0.44** | **J** | 0.91 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Arsenic** | **4.5** | | 0.91 | 0.093 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Barium** | **317** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Beryllium** | **0.28** | **J** | 0.36 | 0.052 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Cadmium** | **0.63** | **J** | 0.91 | 0.10 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Calcium** | **16400** | | 90.5 | 36.8 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Chromium** | **17.4** | | 1.8 | 0.82 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Cobalt** | **4.9** | | 1.8 | 0.13 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Copper** | **51.4** | | 1.8 | 0.33 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Iron** | **14200** | | 54.3 | 18.3 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Lead** | **442** | | 0.54 | 0.18 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Magnesium** | **2920** | | 90.5 | 9.2 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Manganese** | **250** | | 3.6 | 0.36 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Nickel** | **15.7** | | 1.8 | 0.43 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| **Potassium** | **1140** | | 90.5 | 14.7 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**

**Date Collected: 02/05/25 12:00**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.7**

### Method: SW846 6020B - Metals (ICP/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Selenium | 0.36 | J | 1.1 | 0.12 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| Silver | 0.23 | J | 0.36 | 0.081 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| Sodium | 148 | | 90.5 | 41.4 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| Thallium | 0.086 | J | 0.36 | 0.037 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| Vanadium | 22.3 | | 1.8 | 0.19 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |
| Zinc | 275 | | 7.2 | 2.8 | mg/Kg | ☼ | 02/10/25 07:08 | 02/11/25 12:32 | 1 |

### Method: SW846 7471B - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.45 | | 0.017 | 0.0080 | mg/Kg | ☼ | 02/10/25 01:23 | 02/10/25 06:53 | 1 |

## Client Sample ID: FB_02052025
**Lab Sample ID: 460-319954-7**

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.0 | U | 1.0 | 0.24 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.0 | U | 1.0 | 0.37 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,1,2-Trichloroethane | 1.0 | U | 1.0 | 0.20 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,1-Dichloroethane | 1.0 | U | 1.0 | 0.26 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.26 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2,3-Trichlorobenzene | 1.0 | U | 1.0 | 0.36 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2,4-Trichlorobenzene | 1.0 | U | 1.0 | 0.37 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2-Dibromo-3-Chloropropane | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2-Dichlorobenzene | 1.0 | U | 1.0 | 0.21 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2-Dichloroethane | 1.0 | U | 1.0 | 0.43 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,2-Dichloropropane | 1.0 | U | 1.0 | 0.35 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,3-Dichlorobenzene | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/11/25 04:20 | 1 |
| 1,4-Dichlorobenzene | 1.0 | U | 1.0 | 0.33 | ug/L | | | 02/11/25 04:20 | 1 |
| 2-Butanone (MEK) | 5.0 | U * | 5.0 | 1.9 | ug/L | | | 02/11/25 04:20 | 1 |
| 2-Hexanone | 5.0 | U * | 5.0 | 1.1 | ug/L | | | 02/11/25 04:20 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 5.0 | U | 5.0 | 1.3 | ug/L | | | 02/11/25 04:20 | 1 |
| Acetone | 5.0 | U | 5.0 | 4.4 | ug/L | | | 02/11/25 04:20 | 1 |
| Benzene | 1.0 | U | 1.0 | 0.20 | ug/L | | | 02/11/25 04:20 | 1 |
| Bromoform | 1.0 | U | 1.0 | 0.54 | ug/L | | | 02/11/25 04:20 | 1 |
| Bromomethane | 1.0 | U | 1.0 | 0.55 | ug/L | | | 02/11/25 04:20 | 1 |
| Carbon disulfide | 1.0 | U | 1.0 | 0.82 | ug/L | | | 02/11/25 04:20 | 1 |
| Carbon tetrachloride | 1.0 | U | 1.0 | 0.21 | ug/L | | | 02/11/25 04:20 | 1 |
| Chlorobenzene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/11/25 04:20 | 1 |
| Chlorobromomethane | 1.0 | U | 1.0 | 0.41 | ug/L | | | 02/11/25 04:20 | 1 |
| Chlorodibromomethane | 1.0 | U * | 1.0 | 0.28 | ug/L | | | 02/11/25 04:20 | 1 |
| Chloroethane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/11/25 04:20 | 1 |
| Chloroform | 1.0 | U | 1.0 | 0.33 | ug/L | | | 02/11/25 04:20 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.40 | ug/L | | | 02/11/25 04:20 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/11/25 04:20 | 1 |
| cis-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/11/25 04:20 | 1 |
| Cyclohexane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/11/25 04:20 | 1 |
| Dichlorobromomethane | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/11/25 04:20 | 1 |

## Client Sample ID: FB_02052025
**Lab Sample ID: 460-319954-7**

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

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

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/11/25 04:20 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 02/11/25 04:20 | 1 |
| Ethylene Dibromide | 1.0 | U | 1.0 | 0.50 | ug/L | | | 02/11/25 04:20 | 1 |
| Isopropylbenzene | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/11/25 04:20 | 1 |
| Methyl acetate | 5.0 | U | 5.0 | 0.79 | ug/L | | | 02/11/25 04:20 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/11/25 04:20 | 1 |
| Methylcyclohexane | 1.0 | U | 1.0 | 0.71 | ug/L | | | 02/11/25 04:20 | 1 |
| Methylene Chloride | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/11/25 04:20 | 1 |
| m-Xylene & p-Xylene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 02/11/25 04:20 | 1 |
| o-Xylene | 1.0 | U | 1.0 | 0.36 | ug/L | | | 02/11/25 04:20 | 1 |
| Styrene | 1.0 | U | 1.0 | 0.42 | ug/L | | | 02/11/25 04:20 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.25 | ug/L | | | 02/11/25 04:20 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/11/25 04:20 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.24 | ug/L | | | 02/11/25 04:20 | 1 |
| trans-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/11/25 04:20 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/11/25 04:20 | 1 |
| Trichlorofluoromethane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/11/25 04:20 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.17 | ug/L | | | 02/11/25 04:20 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *84* | | *70 - 128* | | *02/11/25 04:20* | *1* |
| *4-Bromofluorobenzene* | *102* | | *76 - 120* | | *02/11/25 04:20* | *1* |
| *Dibromofluoromethane (Surr)* | *96* | | *77 - 132* | | *02/11/25 04:20* | *1* |
| *Toluene-d8 (Surr)* | *92* | | *80 - 120* | | *02/11/25 04:20* | *1* |

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 5.0 | U | 5.0 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,2'-oxybis[1-chloropropane] | 10 | U | 10 | 0.63 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,3,4,6-Tetrachlorophenol | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4,5-Trichlorophenol | 10 | U | 10 | 0.88 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4,6-Trichlorophenol | 3.0 | U | 3.0 | 0.86 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4-Dichlorophenol | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4-Dimethylphenol | 10 | U | 10 | 0.62 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4-Dinitrophenol | 40 | U | 40 | 11 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,4-Dinitrotoluene | 10 | U | 10 | 1.0 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2,6-Dinitrotoluene | 2.0 | U | 2.0 | 0.83 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Chloronaphthalene | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Chlorophenol | 10 | U | 10 | 0.95 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Methylphenol | 10 | U | 10 | 0.67 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Nitroaniline | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 2-Nitrophenol | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 3,3'-Dichlorobenzidine | 5.2 | U | 5.2 | 1.4 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 3-Nitroaniline | 10 | U | 10 | 1.9 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4,6-Dinitro-2-methylphenol | 20 | U | 20 | 8.6 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Bromophenyl phenyl ether | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Chloro-3-methylphenol | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Chloroaniline | 5.0 | U | 5.0 | 1.9 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |

## Client Sample ID: FB_02052025
**Lab Sample ID: 460-319954-7**

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4-Chlorophenyl phenyl ether | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Methylphenol | 10 | U | 10 | 0.65 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Nitroaniline | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| 4-Nitrophenol | 20 | U | 20 | 4.0 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Acetophenone | 10 | U | 10 | 2.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Atrazine | 2.0 | U | 2.0 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzaldehyde | 10 | U | 10 | 2.1 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Bis(2-chloroethoxy)methane | 10 | U | 10 | 0.59 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Bis(2-chloroethyl)ether | 1.0 | U | 1.0 | 0.63 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Bis(2-ethylhexyl) phthalate | 2.0 | U | 2.0 | 0.80 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Butyl benzyl phthalate | 10 | U | 10 | 0.85 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Caprolactam | 10 | U | 10 | 2.2 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Carbazole | 10 | U | 10 | 0.68 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Dibenzofuran | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Diethyl phthalate | 10 | U | 10 | 0.98 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Dimethyl phthalate | 10 | U | 10 | 0.77 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Di-n-butyl phthalate | 10 | U | 10 | 0.84 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Di-n-octyl phthalate | 10 | U | 10 | 4.0 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Hexachlorobenzene | 1.0 | U | 1.0 | 0.40 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Hexachlorobutadiene | 1.0 | U | 1.0 | 0.78 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Hexachlorocyclopentadiene | 10 | U | 10 | 3.6 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Hexachloroethane | 0.80 | U | 0.80 | 0.31 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Isophorone | 10 | U | 10 | 0.80 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Nitrobenzene | 1.0 | U | 1.0 | 0.57 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| N-Nitrosodi-n-propylamine | 1.0 | U | 1.0 | 0.43 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| N-Nitrosodiphenylamine | 10 | U | 10 | 0.89 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Pentachlorophenol | 20 | U | 20 | 6.6 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Phenol | 10 | U | 10 | 0.29 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 02/07/25 06:22 | 02/07/25 17:22 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *97* | | *37 - 150* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |
| *2-Fluorobiphenyl* | *86* | | *46 - 139* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |
| *2-Fluorophenol (Surr)* | *67* | | *16 - 80* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |
| *Nitrobenzene-d5 (Surr)* | *90* | | *51 - 145* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |

## Client Sample ID: FB_02052025
**Lab Sample ID: 460-319954-7**

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

### Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *Phenol-d5 (Surr)* | *50* | | *10 - 56* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |
| *Terphenyl-d14 (Surr)* | *91* | | *13 - 159* | *02/07/25 06:22* | *02/07/25 17:22* | *1* |

### Method: SW846 8081B - Organochlorine Pesticides (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Aldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| alpha-BHC | 0.020 | U | 0.020 | 0.0070 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| beta-BHC | 0.020 | U | 0.020 | 0.015 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Chlordane (technical) | 0.20 | U | 0.20 | 0.055 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| delta-BHC | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Dieldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endosulfan I | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endosulfan II | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endrin | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Endrin ketone | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Heptachlor | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Methoxychlor | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |
| Toxaphene | 0.50 | U | 0.50 | 0.11 | ug/L | | 02/08/25 13:47 | 02/09/25 09:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *56* | | *30 - 131* | *02/08/25 13:47* | *02/09/25 09:32* | *1* |
| *DCB Decachlorobiphenyl* | *55* | | *30 - 131* | *02/08/25 13:47* | *02/09/25 09:32* | *1* |
| *Tetrachloro-m-xylene* | *85* | | *34 - 120* | *02/08/25 13:47* | *02/09/25 09:32* | *1* |
| *Tetrachloro-m-xylene* | *80* | | *34 - 120* | *02/08/25 13:47* | *02/09/25 09:32* | *1* |

### Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1221 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1232 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1242 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1248 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1254 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1260 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor-1262 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Aroclor 1268 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |
| Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:29 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *53* | | *18 - 145* | *02/08/25 13:45* | *02/09/25 09:29* | *1* |
| *DCB Decachlorobiphenyl* | *57* | | *18 - 145* | *02/08/25 13:45* | *02/09/25 09:29* | *1* |
| *Tetrachloro-m-xylene* | *83* | | *21 - 124* | *02/08/25 13:45* | *02/09/25 09:29* | *1* |
| *Tetrachloro-m-xylene* | *87* | | *21 - 124* | *02/08/25 13:45* | *02/09/25 09:29* | *1* |

## Client Sample ID: FB_02052025
**Lab Sample ID: 460-319954-7**

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

### Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 40.0 | U | 40.0 | 11.7 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Antimony | 2.0 | U | 2.0 | 0.48 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Arsenic | 2.0 | U | 2.0 | 1.2 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Barium | 4.0 | U | 4.0 | 0.93 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Beryllium | 0.80 | U | 0.80 | 0.12 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Cadmium | 2.0 | U | 2.0 | 0.38 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Calcium | 500 | U | 500 | 31.7 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Chromium | 4.0 | U | 4.0 | 1.7 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Cobalt | 4.0 | U | 4.0 | 0.41 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Copper | 4.0 | U | 4.0 | 2.0 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Iron | 120 | U | 120 | 33.7 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Lead | 1.2 | U | 1.2 | 0.42 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Magnesium | 200 | U | 200 | 21.8 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Manganese | 8.0 | U | 8.0 | 0.84 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Nickel | 4.0 | U | 4.0 | 1.4 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Potassium | 200 | U | 200 | 83.3 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Selenium | 2.5 | U | 2.5 | 0.43 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Silver | 2.0 | U | 2.0 | 1.3 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Sodium | 500 | U | 500 | 180 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Thallium | 0.80 | U | 0.80 | 0.19 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Vanadium | 4.0 | U | 4.0 | 1.0 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |
| Zinc | 16.0 | U | 16.0 | 4.2 | ug/L | | 02/10/25 08:06 | 02/10/25 18:38 | 1 |

### Method: SW846 7470A - Mercury (CVAA)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | 0.20 | 0.091 | ug/L | | 02/10/25 14:46 | 02/10/25 16:36 | 1 |

# Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

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

### Matrix: Solid

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (65-138) | (71-128) | (50-150) | (71-126) |
| 460-319954-1 | RX-21-01_0-2 | 97 | 111 | 101 | 100 |
| 460-319954-2 | RX-18-01_0-2 | 97 | 111 | 102 | 100 |
| 460-319954-3 | RX-20-01_0-2 | 94 | 109 | 100 | 98 |
| 460-319954-4 | RX-22-01_0-2 | 95 | 110 | 101 | 98 |
| 460-319954-5 | RX-19-01_0-2 | 99 | 111 | 102 | 98 |
| 460-319954-6 | DUP_02052025 | 99 | 102 | 106 | 100 |
| LB3 460-1020016/1-A | Method Blank | 86 | 108 | 93 | 91 |
| LCS 460-1020506/3 | Lab Control Sample | 87 | 112 | 93 | 93 |
| LCS 460-1020507/2 | Lab Control Sample | 98 | 110 | 104 | 101 |
| LCS 460-1020626/3 | Lab Control Sample | 100 | 110 | 103 | 101 |
| LCSD 460-1020506/4 | Lab Control Sample Dup | 87 | 111 | 92 | 92 |
| LCSD 460-1020507/3 | Lab Control Sample Dup | 98 | 110 | 102 | 102 |
| LCSD 460-1020626/4 | Lab Control Sample Dup | 102 | 110 | 104 | 101 |
| MB 460-1020506/7 | Method Blank | 88 | 104 | 90 | 88 |
| MB 460-1020507/5 | Method Blank | 103 | 106 | 101 | 97 |
| MB 460-1020626/7 | Method Blank | 103 | 108 | 102 | 96 |

**Surrogate Legend**

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

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

### Matrix: Water

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCA | BFB | DBFM | TOL |
| Lab Sample ID | Client Sample ID | (70-128) | (76-120) | (77-132) | (80-120) |
| 460-319954-7 | FB_02052025 | 84 | 102 | 96 | 92 |
| LCS 460-1020540/4 | Lab Control Sample | 80 | 108 | 90 | 93 |
| LCSD 460-1020540/5 | Lab Control Sample Dup | 77 | 108 | 90 | 93 |
| MB 460-1020540/8 | Method Blank | 80 | 107 | 93 | 94 |

**Surrogate Legend**

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

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

### Matrix: Solid

**Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL | TPHL |
| Lab Sample ID | Client Sample ID | (24-137) | (38-128) | (31-133) | (31-120) | (35-132) | (44-147) |
| 460-319954-1 | RX-21-01_0-2 | 72 | 69 | 66 | 65 | 68 | 72 |
| 460-319954-2 | RX-18-01_0-2 | 76 | 73 | 71 | 69 | 71 | 71 |
| 460-319954-3 | RX-20-01_0-2 | 71 | 69 | 67 | 66 | 67 | 71 |
| 460-319954-4 | RX-22-01_0-2 | 76 | 73 | 69 | 68 | 68 | 75 |
| 460-319954-5 | RX-19-01_0-2 | 76 | 75 | 69 | 69 | 71 | 77 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL | TPHL |
| Lab Sample ID | Client Sample ID | (24-137) | (38-128) | (31-133) | (31-120) | (35-132) | (44-147) |
| 460-319954-6 | DUP_02052025 | 66 | 64 | 64 | 61 | 64 | 65 |
| LCS 460-1020235/2-A | Lab Control Sample | 73 | 72 | 74 | 71 | 73 | 73 |
| LCSD 460-1020235/3-A | Lab Control Sample Dup | 77 | 73 | 77 | 72 | 75 | 76 |
| MB 460-1020235/1-A | Method Blank | 70 | 72 | 72 | 72 | 72 | 74 |

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL | TPHL |
| Lab Sample ID | Client Sample ID | (37-150) | (46-139) | (16-80) | (51-145) | (10-56) | (13-159) |
| 460-319954-7 | FB_02052025 | 97 | 86 | 67 | 90 | 50 | 91 |
| LCS 460-1020073/2-A | Lab Control Sample | 95 | 80 | 40 | 81 | 28 | 93 |
| LCSD 460-1020073/3-A | Lab Control Sample Dup | 95 | 80 | 40 | 82 | 28 | 103 |
| MB 460-1020073/1-A | Method Blank | 95 | 88 | 47 | 92 | 32 | 91 |

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

## Method: 8081B - Organochlorine Pesticides (GC)

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCBP1 | DCBP2 | TCX1 | TCX2 |
| Lab Sample ID | Client Sample ID | (17-150) | (17-150) | (21-150) | (21-150) |
| 160-57053-E-2-D MS | Matrix Spike | 102 | 105 | 82 | 79 |
| 160-57053-E-2-E MSD | Matrix Spike Duplicate | 94 | 90 | 75 | 72 |
| 460-319954-1 | RX-21-01_0-2 | 45 | 61 | 44 | 49 |
| 460-319954-2 | RX-18-01_0-2 | 55 | 69 | 52 | 58 |
| 460-319954-3 | RX-20-01_0-2 | 60 | 75 | 56 | 62 |
| 460-319954-4 | RX-22-01_0-2 | 60 | 74 | 57 | 62 |
| 460-319954-5 | RX-19-01_0-2 | 53 | 68 | 51 | 57 |
| 460-319954-6 | DUP_02052025 | 71 | 89 | 67 | 74 |
| LCS 460-1019984/2-A | Lab Control Sample | 69 | 66 | 67 | 63 |
| LCSD 460-1019984/3-A | Lab Control Sample Dup | 81 | 74 | 73 | 69 |
| MB 460-1019984/1-A | Method Blank | 96 | 86 | 83 | 80 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl

# Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

TCX = Tetrachloro-m-xylene

## Method: 8081B - Organochlorine Pesticides (GC)

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCBP1 | DCBP2 | TCX1 | TCX2 |
| Lab Sample ID | Client Sample ID | (30-131) | (30-131) | (34-120) | (34-120) |
| 460-319954-7 | FB_02052025 | 55 | 56 | 80 | 85 |
| LCS 460-1020298/2-A | Lab Control Sample | 55 | 56 | 91 | 92 |
| LCSD 460-1020298/3-A | Lab Control Sample Dup | 57 | 58 | 94 | 92 |
| MB 460-1020298/1-A | Method Blank | 57 | 63 | 88 | 95 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Solid** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCBP1 | DCBP2 | TCX1 | TCX2 |
| Lab Sample ID | Client Sample ID | (20-150) | (20-150) | (20-150) | (20-150) |
| 160-57053-E-2-A MS | Matrix Spike | 121 | 96 | 78 | 78 |
| 160-57053-E-2-B MSD | Matrix Spike Duplicate | 115 | 92 | 71 | 73 |
| 460-319954-1 | RX-21-01_0-2 | 70 | 73 | 64 | 65 |
| 460-319954-2 | RX-18-01_0-2 | 78 | 77 | 72 | 73 |
| 460-319954-3 | RX-20-01_0-2 | 85 | 86 | 83 | 82 |
| 460-319954-4 | RX-22-01_0-2 | 88 | 85 | 80 | 79 |
| 460-319954-5 | RX-19-01_0-2 | 85 | 83 | 73 | 71 |
| 460-319954-6 | DUP_02052025 | 102 | 106 | 100 | 97 |
| LCS 460-1019976/2-A | Lab Control Sample | 106 | 100 | 98 | 96 |
| LCSD 460-1019976/3-A | Lab Control Sample Dup | 102 | 99 | 95 | 94 |
| MB 460-1019976/1-A | Method Blank | 106 | 99 | 94 | 93 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Matrix: Water** **Prep Type: Total/NA**

| | | Percent Surrogate Recovery (Acceptance Limits) | | | |
|---|---|---|---|---|---|
| | | DCBP1 | DCBP2 | TCX1 | TCX2 |
| Lab Sample ID | Client Sample ID | (18-145) | (18-145) | (21-124) | (21-124) |
| 460-319954-7 | FB_02052025 | 57 | 53 | 87 | 83 |
| LCS 460-1020297/2-A | Lab Control Sample | 57 | 57 | 92 | 91 |
| LCSD 460-1020297/3-A | Lab Control Sample Dup | 59 | 58 | 95 | 95 |
| MB 460-1020297/1-A | Method Blank | 57 | 57 | 93 | 92 |

**Surrogate Legend**

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

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

**Lab Sample ID: LB3 460-1020016/1-A**
**Matrix: Solid**
**Analysis Batch: 1020506**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020016**

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Acetone | 0.0060 | U | 0.0060 | 0.0057 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Benzene | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Bromoform | 0.0010 | U | 0.0010 | 0.00043 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Bromomethane | 0.0020 | U | 0.0020 | 0.0010 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chloroethane | 0.0010 | U | 0.0010 | 0.00052 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chloroform | 0.0010 | U | 0.0010 | 0.00097 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Chloromethane | 0.0010 | U | 0.0010 | 0.00044 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| o-Xylene | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Styrene | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Toluene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |

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

**Lab Sample ID: LB3 460-1020016/1-A**
**Matrix: Solid**
**Analysis Batch: 1020506**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020016**

| Analyte | LB3 Result | LB3 Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |
| Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 | mg/Kg | | 02/06/25 18:39 | 02/10/25 19:21 | 1 |

| *Surrogate* | *LB3 %Recovery* | *LB3 Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *86* | | *65 - 138* | *02/06/25 18:39* | *02/10/25 19:21* | *1* |
| *4-Bromofluorobenzene* | *108* | | *71 - 128* | *02/06/25 18:39* | *02/10/25 19:21* | *1* |
| *Dibromofluoromethane (Surr)* | *93* | | *50 - 150* | *02/06/25 18:39* | *02/10/25 19:21* | *1* |
| *Toluene-d8 (Surr)* | *91* | | *71 - 126* | *02/06/25 18:39* | *02/10/25 19:21* | *1* |

**Lab Sample ID: MB 460-1020506/7**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 | mg/Kg | | | 02/10/25 18:57 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Acetone | 0.0060 | U | 0.0060 | 0.0057 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Benzene | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Bromoform | 0.0010 | U | 0.0010 | 0.00043 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Bromomethane | 0.0020 | U | 0.0020 | 0.0010 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chloroethane | 0.0010 | U | 0.0010 | 0.00052 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chloroform | 0.0010 | U | 0.0010 | 0.00097 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Chloromethane | 0.0010 | U | 0.0010 | 0.00044 | mg/Kg | | | 02/10/25 18:57 | 1 |
| cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:57 | 1 |
| cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/10/25 18:57 | 1 |

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

**Lab Sample ID: MB 460-1020506/7**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 | mg/Kg | | | 02/10/25 18:57 | 1 |
| m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 | mg/Kg | | | 02/10/25 18:57 | 1 |
| o-Xylene | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Styrene | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Toluene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:57 | 1 |
| trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 | mg/Kg | | | 02/10/25 18:57 | 1 |
| trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 | mg/Kg | | | 02/10/25 18:57 | 1 |
| Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 | mg/Kg | | | 02/10/25 18:57 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *88* | | *65 - 138* | | *02/10/25 18:57* | *1* |
| *4-Bromofluorobenzene* | *104* | | *71 - 128* | | *02/10/25 18:57* | *1* |
| *Dibromofluoromethane (Surr)* | *90* | | *50 - 150* | | *02/10/25 18:57* | *1* |
| *Toluene-d8 (Surr)* | *88* | | *71 - 126* | | *02/10/25 18:57* | *1* |

**Lab Sample ID: LCS 460-1020506/3**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0210 | | mg/Kg | | 105 | 78 - 120 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0175 | | mg/Kg | | 88 | 70 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0223 | | mg/Kg | | 112 | 75 - 121 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0171 | | mg/Kg | | 85 | 80 - 120 |
| 1,1-Dichloroethane | 0.0200 | 0.0211 | | mg/Kg | | 105 | 72 - 120 |
| 1,1-Dichloroethene | 0.0200 | 0.0207 | | mg/Kg | | 103 | 76 - 120 |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0221 | | mg/Kg | | 110 | 77 - 137 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0222 | | mg/Kg | | 111 | 77 - 136 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0162 | | mg/Kg | | 81 | 80 - 124 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0199 | | mg/Kg | | 99 | 80 - 120 |
| 1,2-Dichloroethane | 0.0200 | 0.0188 | | mg/Kg | | 94 | 70 - 123 |
| 1,2-Dichloropropane | 0.0200 | 0.0199 | | mg/Kg | | 99 | 73 - 124 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0215 | | mg/Kg | | 108 | 80 - 120 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0204 | | mg/Kg | | 102 | 80 - 120 |
| 2-Butanone (MEK) | 0.100 | 0.0947 | | mg/Kg | | 95 | 64 - 128 |
| 2-Hexanone | 0.100 | 0.0961 | | mg/Kg | | 96 | 75 - 120 |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0988 | | mg/Kg | | 99 | 80 - 120 |
| Acetone | 0.100 | 0.106 | | mg/Kg | | 106 | 58 - 122 |

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

**Lab Sample ID: LCS 460-1020506/3**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzene | 0.0200 | 0.0191 | | mg/Kg | | 96 | 75 - 120 |
| Bromoform | 0.0200 | 0.0186 | | mg/Kg | | 93 | 61 - 125 |
| Bromomethane | 0.0200 | 0.0132 | | mg/Kg | | 66 | 37 - 150 |
| Carbon disulfide | 0.0200 | 0.0226 | | mg/Kg | | 113 | 57 - 133 |
| Carbon tetrachloride | 0.0200 | 0.0223 | | mg/Kg | | 112 | 66 - 127 |
| Chlorobenzene | 0.0200 | 0.0209 | | mg/Kg | | 104 | 80 - 120 |
| Chlorobromomethane | 0.0200 | 0.0193 | | mg/Kg | | 96 | 76 - 127 |
| Chlorodibromomethane | 0.0200 | 0.0191 | | mg/Kg | | 95 | 72 - 120 |
| Chloroethane | 0.0200 | 0.0136 | | mg/Kg | | 68 | 60 - 123 |
| Chloroform | 0.0200 | 0.0200 | | mg/Kg | | 100 | 79 - 126 |
| Chloromethane | 0.0200 | 0.0145 | | mg/Kg | | 72 | 46 - 122 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0208 | | mg/Kg | | 104 | 80 - 123 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0182 | | mg/Kg | | 91 | 75 - 120 |
| Cyclohexane | 0.0200 | 0.0218 | | mg/Kg | | 109 | 65 - 132 |
| Dichlorobromomethane | 0.0200 | 0.0193 | | mg/Kg | | 96 | 77 - 124 |
| Dichlorodifluoromethane | 0.0200 | 0.0152 | | mg/Kg | | 76 | 45 - 129 |
| Ethylbenzene | 0.0200 | 0.0203 | | mg/Kg | | 101 | 80 - 120 |
| Ethylene Dibromide | 0.0200 | 0.0185 | | mg/Kg | | 92 | 79 - 120 |
| Isopropylbenzene | 0.0200 | 0.0194 | | mg/Kg | | 97 | 74 - 120 |
| Methyl acetate | 0.0400 | 0.0361 | | mg/Kg | | 90 | 57 - 120 |
| Methyl tert-butyl ether | 0.0200 | 0.0171 | | mg/Kg | | 86 | 74 - 125 |
| Methylcyclohexane | 0.0200 | 0.0218 | | mg/Kg | | 109 | 66 - 125 |
| Methylene Chloride | 0.0200 | 0.0198 | | mg/Kg | | 99 | 78 - 120 |
| m-Xylene & p-Xylene | 0.0200 | 0.0199 | | mg/Kg | | 100 | 80 - 120 |
| o-Xylene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 |
| Styrene | 0.0200 | 0.0184 | | mg/Kg | | 92 | 80 - 120 |
| Tetrachloroethene | 0.0200 | 0.0223 | | mg/Kg | | 112 | 73 - 120 |
| Toluene | 0.0200 | 0.0195 | | mg/Kg | | 97 | 80 - 120 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0211 | | mg/Kg | | 105 | 78 - 120 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0165 | | mg/Kg | | 82 | 77 - 120 |
| Trichloroethene | 0.0200 | 0.0219 | | mg/Kg | | 109 | 80 - 120 |
| Trichlorofluoromethane | 0.0200 | 0.0129 | | mg/Kg | | 65 | 61 - 130 |
| Vinyl chloride | 0.0200 | 0.0146 | | mg/Kg | | 73 | 54 - 122 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *87* | | *65 - 138* |
| *4-Bromofluorobenzene* | *112* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *93* | | *50 - 150* |
| *Toluene-d8 (Surr)* | *93* | | *71 - 126* |

**Lab Sample ID: LCSD 460-1020506/4**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0203 | | mg/Kg | | 101 | 78 - 120 | 3 | 30 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0174 | | mg/Kg | | 87 | 70 - 133 | 1 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0208 | | mg/Kg | | 104 | 75 - 121 | 7 | 30 |

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

**Lab Sample ID: LCSD 460-1020506/4**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,2-Trichloroethane | 0.0200 | 0.0170 | | mg/Kg | | 85 | 80 - 120 | 1 | 30 |
| 1,1-Dichloroethane | 0.0200 | 0.0204 | | mg/Kg | | 102 | 72 - 120 | 3 | 30 |
| 1,1-Dichloroethene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 76 - 120 | 4 | 30 |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 77 - 137 | 7 | 30 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 77 - 136 | 7 | 30 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0160 | | mg/Kg | | 80 | 80 - 124 | 1 | 30 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0191 | | mg/Kg | | 96 | 80 - 120 | 4 | 30 |
| 1,2-Dichloroethane | 0.0200 | 0.0183 | | mg/Kg | | 91 | 70 - 123 | 3 | 30 |
| 1,2-Dichloropropane | 0.0200 | 0.0191 | | mg/Kg | | 96 | 73 - 124 | 4 | 30 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0208 | | mg/Kg | | 104 | 80 - 120 | 4 | 30 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0199 | | mg/Kg | | 99 | 80 - 120 | 3 | 30 |
| 2-Butanone (MEK) | 0.100 | 0.0923 | | mg/Kg | | 92 | 64 - 128 | 3 | 30 |
| 2-Hexanone | 0.100 | 0.0956 | | mg/Kg | | 96 | 75 - 120 | 1 | 30 |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0952 | | mg/Kg | | 95 | 80 - 120 | 4 | 30 |
| Acetone | 0.100 | 0.0995 | | mg/Kg | | 99 | 58 - 122 | 6 | 30 |
| Benzene | 0.0200 | 0.0185 | | mg/Kg | | 92 | 75 - 120 | 4 | 30 |
| Bromoform | 0.0200 | 0.0179 | | mg/Kg | | 89 | 61 - 125 | 4 | 30 |
| Bromomethane | 0.0200 | 0.0141 | | mg/Kg | | 71 | 37 - 150 | 7 | 30 |
| Carbon disulfide | 0.0200 | 0.0218 | | mg/Kg | | 109 | 57 - 133 | 4 | 30 |
| Carbon tetrachloride | 0.0200 | 0.0213 | | mg/Kg | | 106 | 66 - 127 | 5 | 30 |
| Chlorobenzene | 0.0200 | 0.0198 | | mg/Kg | | 99 | 80 - 120 | 5 | 30 |
| Chlorobromomethane | 0.0200 | 0.0183 | | mg/Kg | | 92 | 76 - 127 | 5 | 30 |
| Chlorodibromomethane | 0.0200 | 0.0184 | | mg/Kg | | 92 | 72 - 120 | 3 | 30 |
| Chloroethane | 0.0200 | 0.0142 | | mg/Kg | | 71 | 60 - 123 | 4 | 30 |
| Chloroform | 0.0200 | 0.0198 | | mg/Kg | | 99 | 79 - 126 | 1 | 30 |
| Chloromethane | 0.0200 | 0.0163 | | mg/Kg | | 81 | 46 - 122 | 12 | 30 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 80 - 123 | 4 | 30 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0173 | | mg/Kg | | 87 | 75 - 120 | 5 | 30 |
| Cyclohexane | 0.0200 | 0.0204 | | mg/Kg | | 102 | 65 - 132 | 7 | 30 |
| Dichlorobromomethane | 0.0200 | 0.0187 | | mg/Kg | | 94 | 77 - 124 | 3 | 30 |
| Dichlorodifluoromethane | 0.0200 | 0.0155 | | mg/Kg | | 77 | 45 - 129 | 2 | 30 |
| Ethylbenzene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 80 - 120 | 2 | 30 |
| Ethylene Dibromide | 0.0200 | 0.0182 | | mg/Kg | | 91 | 79 - 120 | 2 | 30 |
| Isopropylbenzene | 0.0200 | 0.0189 | | mg/Kg | | 95 | 74 - 120 | 3 | 30 |
| Methyl acetate | 0.0400 | 0.0356 | | mg/Kg | | 89 | 57 - 120 | 1 | 30 |
| Methyl tert-butyl ether | 0.0200 | 0.0167 | | mg/Kg | | 84 | 74 - 125 | 2 | 30 |
| Methylcyclohexane | 0.0200 | 0.0208 | | mg/Kg | | 104 | 66 - 125 | 5 | 30 |
| Methylene Chloride | 0.0200 | 0.0193 | | mg/Kg | | 96 | 78 - 120 | 2 | 30 |
| m-Xylene & p-Xylene | 0.0200 | 0.0193 | | mg/Kg | | 96 | 80 - 120 | 3 | 30 |
| o-Xylene | 0.0200 | 0.0188 | | mg/Kg | | 94 | 80 - 120 | 4 | 30 |
| Styrene | 0.0200 | 0.0176 | | mg/Kg | | 88 | 80 - 120 | 4 | 30 |
| Tetrachloroethene | 0.0200 | 0.0222 | | mg/Kg | | 111 | 73 - 120 | 1 | 30 |
| Toluene | 0.0200 | 0.0188 | | mg/Kg | | 94 | 80 - 120 | 4 | 30 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0205 | | mg/Kg | | 103 | 78 - 120 | 3 | 30 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0161 | | mg/Kg | | 81 | 77 - 120 | 2 | 30 |
| Trichloroethene | 0.0200 | 0.0211 | | mg/Kg | | 105 | 80 - 120 | 4 | 30 |
| Trichlorofluoromethane | 0.0200 | 0.0135 | | mg/Kg | | 68 | 61 - 130 | 4 | 30 |
| Vinyl chloride | 0.0200 | 0.0154 | | mg/Kg | | 77 | 54 - 122 | 5 | 30 |

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

**Lab Sample ID: LCSD 460-1020506/4**
**Matrix: Solid**
**Analysis Batch: 1020506**

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

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *87* | | *65 - 138* |
| *4-Bromofluorobenzene* | *111* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *92* | | *50 - 150* |
| *Toluene-d8 (Surr)* | *92* | | *71 - 126* |

**Lab Sample ID: MB 460-1020507/5**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 | mg/Kg | | | 02/10/25 18:12 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Acetone | 0.0060 | U | 0.0060 | 0.0057 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Benzene | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Bromoform | 0.0010 | U | 0.0010 | 0.00043 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Bromomethane | 0.0020 | U | 0.0020 | 0.0010 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chloroethane | 0.0010 | U | 0.0010 | 0.00052 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chloroform | 0.0010 | U | 0.0010 | 0.00097 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Chloromethane | 0.0010 | U | 0.0010 | 0.00044 | mg/Kg | | | 02/10/25 18:12 | 1 |
| cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/10/25 18:12 | 1 |
| cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 | mg/Kg | | | 02/10/25 18:12 | 1 |

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

**Lab Sample ID: MB 460-1020507/5**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 | mg/Kg | | | 02/10/25 18:12 | 1 |
| m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 | mg/Kg | | | 02/10/25 18:12 | 1 |
| o-Xylene | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Styrene | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Toluene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/10/25 18:12 | 1 |
| trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 | mg/Kg | | | 02/10/25 18:12 | 1 |
| trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 | mg/Kg | | | 02/10/25 18:12 | 1 |
| Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 | mg/Kg | | | 02/10/25 18:12 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *65 - 138* | | *02/10/25 18:12* | *1* |
| *4-Bromofluorobenzene* | *106* | | *71 - 128* | | *02/10/25 18:12* | *1* |
| *Dibromofluoromethane (Surr)* | *101* | | *50 - 150* | | *02/10/25 18:12* | *1* |
| *Toluene-d8 (Surr)* | *97* | | *71 - 126* | | *02/10/25 18:12* | *1* |

**Lab Sample ID: LCS 460-1020507/2**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0193 | | mg/Kg | | 97 | 78 - 120 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 70 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0210 | | mg/Kg | | 105 | 75 - 121 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 80 - 120 |
| 1,1-Dichloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 72 - 120 |
| 1,1-Dichloroethene | 0.0200 | 0.0206 | | mg/Kg | | 103 | 76 - 120 |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0184 | | mg/Kg | | 92 | 77 - 137 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0179 | | mg/Kg | | 90 | 77 - 136 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0189 | | mg/Kg | | 94 | 80 - 124 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0186 | | mg/Kg | | 93 | 80 - 120 |
| 1,2-Dichloroethane | 0.0200 | 0.0177 | | mg/Kg | | 88 | 70 - 123 |
| 1,2-Dichloropropane | 0.0200 | 0.0188 | | mg/Kg | | 94 | 73 - 124 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0193 | | mg/Kg | | 97 | 80 - 120 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0194 | | mg/Kg | | 97 | 80 - 120 |
| 2-Butanone (MEK) | 0.100 | 0.0956 | | mg/Kg | | 96 | 64 - 128 |
| 2-Hexanone | 0.100 | 0.0926 | | mg/Kg | | 93 | 75 - 120 |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0938 | | mg/Kg | | 94 | 80 - 120 |
| Acetone | 0.100 | 0.0902 | | mg/Kg | | 90 | 58 - 122 |
| Benzene | 0.0200 | 0.0195 | | mg/Kg | | 97 | 75 - 120 |
| Bromoform | 0.0200 | 0.0184 | | mg/Kg | | 92 | 61 - 125 |
| Bromomethane | 0.0200 | 0.0419 | * | mg/Kg | | 210 | 37 - 150 |
| Carbon disulfide | 0.0200 | 0.0196 | | mg/Kg | | 98 | 57 - 133 |
| Carbon tetrachloride | 0.0200 | 0.0192 | | mg/Kg | | 96 | 66 - 127 |

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

**Lab Sample ID: LCS 460-1020507/2**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.0200 | 0.0193 | | mg/Kg | | 96 | 80 - 120 |
| Chlorobromomethane | 0.0200 | 0.0195 | | mg/Kg | | 97 | 76 - 127 |
| Chlorodibromomethane | 0.0200 | 0.0182 | | mg/Kg | | 91 | 72 - 120 |
| Chloroethane | 0.0200 | 0.0208 | | mg/Kg | | 104 | 60 - 123 |
| Chloroform | 0.0200 | 0.0193 | | mg/Kg | | 97 | 79 - 126 |
| Chloromethane | 0.0200 | 0.0197 | | mg/Kg | | 99 | 46 - 122 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0199 | | mg/Kg | | 99 | 80 - 123 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0187 | | mg/Kg | | 93 | 75 - 120 |
| Cyclohexane | 0.0200 | 0.0200 | | mg/Kg | | 100 | 65 - 132 |
| Dichlorobromomethane | 0.0200 | 0.0186 | | mg/Kg | | 93 | 77 - 124 |
| Dichlorodifluoromethane | 0.0200 | 0.0223 | | mg/Kg | | 112 | 45 - 129 |
| Ethylbenzene | 0.0200 | 0.0191 | | mg/Kg | | 95 | 80 - 120 |
| Ethylene Dibromide | 0.0200 | 0.0184 | | mg/Kg | | 92 | 79 - 120 |
| Isopropylbenzene | 0.0200 | 0.0183 | | mg/Kg | | 91 | 74 - 120 |
| Methyl acetate | 0.0400 | 0.0369 | | mg/Kg | | 92 | 57 - 120 |
| Methyl tert-butyl ether | 0.0200 | 0.0188 | | mg/Kg | | 94 | 74 - 125 |
| Methylcyclohexane | 0.0200 | 0.0185 | | mg/Kg | | 92 | 66 - 125 |
| Methylene Chloride | 0.0200 | 0.0184 | | mg/Kg | | 92 | 78 - 120 |
| m-Xylene & p-Xylene | 0.0200 | 0.0186 | | mg/Kg | | 93 | 80 - 120 |
| o-Xylene | 0.0200 | 0.0192 | | mg/Kg | | 96 | 80 - 120 |
| Styrene | 0.0200 | 0.0187 | | mg/Kg | | 94 | 80 - 120 |
| Tetrachloroethene | 0.0200 | 0.0193 | | mg/Kg | | 97 | 73 - 120 |
| Toluene | 0.0200 | 0.0195 | | mg/Kg | | 97 | 80 - 120 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0201 | | mg/Kg | | 100 | 78 - 120 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0179 | | mg/Kg | | 90 | 77 - 120 |
| Trichloroethene | 0.0200 | 0.0195 | | mg/Kg | | 98 | 80 - 120 |
| Trichlorofluoromethane | 0.0200 | 0.0221 | | mg/Kg | | 111 | 61 - 130 |
| Vinyl chloride | 0.0200 | 0.0210 | | mg/Kg | | 105 | 54 - 122 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *65 - 138* |
| *4-Bromofluorobenzene* | *110* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *104* | | *50 - 150* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |

**Lab Sample ID: LCSD 460-1020507/3**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0196 | | mg/Kg | | 98 | 78 - 120 | 2 | 30 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0191 | | mg/Kg | | 96 | 70 - 133 | 0 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0215 | | mg/Kg | | 108 | 75 - 121 | 3 | 30 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0193 | | mg/Kg | | 97 | 80 - 120 | 0 | 30 |
| 1,1-Dichloroethane | 0.0200 | 0.0193 | | mg/Kg | | 96 | 72 - 120 | 0 | 30 |
| 1,1-Dichloroethene | 0.0200 | 0.0207 | | mg/Kg | | 104 | 76 - 120 | 1 | 30 |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 77 - 137 | 9 | 30 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 77 - 136 | 9 | 30 |

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

**Lab Sample ID: LCSD 460-1020507/3**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dibromo-3-Chloropropane | | | 0.0200 | 0.0187 | | mg/Kg | | 93 | 80 - 124 | 1 | 30 |
| 1,2-Dichlorobenzene | | | 0.0200 | 0.0192 | | mg/Kg | | 96 | 80 - 120 | 3 | 30 |
| 1,2-Dichloroethane | | | 0.0200 | 0.0176 | | mg/Kg | | 88 | 70 - 123 | 0 | 30 |
| 1,2-Dichloropropane | | | 0.0200 | 0.0189 | | mg/Kg | | 94 | 73 - 124 | 0 | 30 |
| 1,3-Dichlorobenzene | | | 0.0200 | 0.0199 | | mg/Kg | | 99 | 80 - 120 | 3 | 30 |
| 1,4-Dichlorobenzene | | | 0.0200 | 0.0199 | | mg/Kg | | 100 | 80 - 120 | 3 | 30 |
| 2-Butanone (MEK) | | | 0.100 | 0.0960 | | mg/Kg | | 96 | 64 - 128 | 0 | 30 |
| 2-Hexanone | | | 0.100 | 0.0918 | | mg/Kg | | 92 | 75 - 120 | 1 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 0.100 | 0.0944 | | mg/Kg | | 94 | 80 - 120 | 1 | 30 |
| Acetone | | | 0.100 | 0.0895 | | mg/Kg | | 89 | 58 - 122 | 1 | 30 |
| Benzene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 75 - 120 | 0 | 30 |
| Bromoform | | | 0.0200 | 0.0181 | | mg/Kg | | 91 | 61 - 125 | 1 | 30 |
| Bromomethane | | | 0.0200 | 0.0413 | * | mg/Kg | | 207 | 37 - 150 | 1 | 30 |
| Carbon disulfide | | | 0.0200 | 0.0198 | | mg/Kg | | 99 | 57 - 133 | 1 | 30 |
| Carbon tetrachloride | | | 0.0200 | 0.0193 | | mg/Kg | | 96 | 66 - 127 | 0 | 30 |
| Chlorobenzene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 80 - 120 | 1 | 30 |
| Chlorobromomethane | | | 0.0200 | 0.0193 | | mg/Kg | | 96 | 76 - 127 | 1 | 30 |
| Chlorodibromomethane | | | 0.0200 | 0.0181 | | mg/Kg | | 91 | 72 - 120 | 0 | 30 |
| Chloroethane | | | 0.0200 | 0.0215 | | mg/Kg | | 108 | 60 - 123 | 3 | 30 |
| Chloroform | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 79 - 126 | 0 | 30 |
| Chloromethane | | | 0.0200 | 0.0202 | | mg/Kg | | 101 | 46 - 122 | 2 | 30 |
| cis-1,2-Dichloroethene | | | 0.0200 | 0.0197 | | mg/Kg | | 98 | 80 - 123 | 1 | 30 |
| cis-1,3-Dichloropropene | | | 0.0200 | 0.0185 | | mg/Kg | | 93 | 75 - 120 | 1 | 30 |
| Cyclohexane | | | 0.0200 | 0.0209 | | mg/Kg | | 105 | 65 - 132 | 4 | 30 |
| Dichlorobromomethane | | | 0.0200 | 0.0187 | | mg/Kg | | 93 | 77 - 124 | 0 | 30 |
| Dichlorodifluoromethane | | | 0.0200 | 0.0228 | | mg/Kg | | 114 | 45 - 129 | 2 | 30 |
| Ethylbenzene | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | 3 | 30 |
| Ethylene Dibromide | | | 0.0200 | 0.0183 | | mg/Kg | | 91 | 79 - 120 | 1 | 30 |
| Isopropylbenzene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 74 - 120 | 6 | 30 |
| Methyl acetate | | | 0.0400 | 0.0366 | | mg/Kg | | 91 | 57 - 120 | 1 | 30 |
| Methyl tert-butyl ether | | | 0.0200 | 0.0186 | | mg/Kg | | 93 | 74 - 125 | 1 | 30 |
| Methylcyclohexane | | | 0.0200 | 0.0204 | | mg/Kg | | 102 | 66 - 125 | 10 | 30 |
| Methylene Chloride | | | 0.0200 | 0.0180 | | mg/Kg | | 90 | 78 - 120 | 2 | 30 |
| m-Xylene & p-Xylene | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 80 - 120 | 2 | 30 |
| o-Xylene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 80 - 120 | 1 | 30 |
| Styrene | | | 0.0200 | 0.0189 | | mg/Kg | | 94 | 80 - 120 | 1 | 30 |
| Tetrachloroethene | | | 0.0200 | 0.0197 | | mg/Kg | | 99 | 73 - 120 | 2 | 30 |
| Toluene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 80 - 120 | 0 | 30 |
| trans-1,2-Dichloroethene | | | 0.0200 | 0.0198 | | mg/Kg | | 99 | 78 - 120 | 1 | 30 |
| trans-1,3-Dichloropropene | | | 0.0200 | 0.0177 | | mg/Kg | | 88 | 77 - 120 | 1 | 30 |
| Trichloroethene | | | 0.0200 | 0.0193 | | mg/Kg | | 96 | 80 - 120 | 1 | 30 |
| Trichlorofluoromethane | | | 0.0200 | 0.0226 | | mg/Kg | | 113 | 61 - 130 | 2 | 30 |
| Vinyl chloride | | | 0.0200 | 0.0217 | | mg/Kg | | 108 | 54 - 122 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *98* | | *65 - 138* |
| *4-Bromofluorobenzene* | *110* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *102* | | *50 - 150* |

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

**Lab Sample ID: LCSD 460-1020507/3**
**Matrix: Solid**
**Analysis Batch: 1020507**

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

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Toluene-d8 (Surr) | 102 | | 71 - 126 |

**Lab Sample ID: MB 460-1020540/8**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 1.0 | U | 1.0 | 0.24 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.0 | U | 1.0 | 0.37 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,1,2-Trichloroethane | 1.0 | U | 1.0 | 0.20 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,1-Dichloroethane | 1.0 | U | 1.0 | 0.26 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.26 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2,3-Trichlorobenzene | 1.0 | U | 1.0 | 0.36 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2,4-Trichlorobenzene | 1.0 | U | 1.0 | 0.37 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2-Dibromo-3-Chloropropane | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2-Dichlorobenzene | 1.0 | U | 1.0 | 0.21 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2-Dichloroethane | 1.0 | U | 1.0 | 0.43 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,2-Dichloropropane | 1.0 | U | 1.0 | 0.35 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,3-Dichlorobenzene | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/10/25 23:01 | 1 |
| 1,4-Dichlorobenzene | 1.0 | U | 1.0 | 0.33 | ug/L | | | 02/10/25 23:01 | 1 |
| 2-Butanone (MEK) | 5.0 | U | 5.0 | 1.9 | ug/L | | | 02/10/25 23:01 | 1 |
| 2-Hexanone | 5.0 | U | 5.0 | 1.1 | ug/L | | | 02/10/25 23:01 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 5.0 | U | 5.0 | 1.3 | ug/L | | | 02/10/25 23:01 | 1 |
| Acetone | 5.0 | U | 5.0 | 4.4 | ug/L | | | 02/10/25 23:01 | 1 |
| Benzene | 1.0 | U | 1.0 | 0.20 | ug/L | | | 02/10/25 23:01 | 1 |
| Bromoform | 1.0 | U | 1.0 | 0.54 | ug/L | | | 02/10/25 23:01 | 1 |
| Bromomethane | 1.0 | U | 1.0 | 0.55 | ug/L | | | 02/10/25 23:01 | 1 |
| Carbon disulfide | 1.0 | U | 1.0 | 0.82 | ug/L | | | 02/10/25 23:01 | 1 |
| Carbon tetrachloride | 1.0 | U | 1.0 | 0.21 | ug/L | | | 02/10/25 23:01 | 1 |
| Chlorobenzene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/10/25 23:01 | 1 |
| Chlorobromomethane | 1.0 | U | 1.0 | 0.41 | ug/L | | | 02/10/25 23:01 | 1 |
| Chlorodibromomethane | 1.0 | U | 1.0 | 0.28 | ug/L | | | 02/10/25 23:01 | 1 |
| Chloroethane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/10/25 23:01 | 1 |
| Chloroform | 1.0 | U | 1.0 | 0.33 | ug/L | | | 02/10/25 23:01 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.40 | ug/L | | | 02/10/25 23:01 | 1 |
| cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/10/25 23:01 | 1 |
| cis-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/10/25 23:01 | 1 |
| Cyclohexane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/10/25 23:01 | 1 |
| Dichlorobromomethane | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/10/25 23:01 | 1 |
| Dichlorodifluoromethane | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/10/25 23:01 | 1 |
| Ethylbenzene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 02/10/25 23:01 | 1 |
| Ethylene Dibromide | 1.0 | U | 1.0 | 0.50 | ug/L | | | 02/10/25 23:01 | 1 |
| Isopropylbenzene | 1.0 | U | 1.0 | 0.34 | ug/L | | | 02/10/25 23:01 | 1 |
| Methyl acetate | 5.0 | U | 5.0 | 0.79 | ug/L | | | 02/10/25 23:01 | 1 |
| Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/10/25 23:01 | 1 |
| Methylcyclohexane | 1.0 | U | 1.0 | 0.71 | ug/L | | | 02/10/25 23:01 | 1 |
| Methylene Chloride | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/10/25 23:01 | 1 |

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

**Lab Sample ID: MB 460-1020540/8**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 1.0 | U | 1.0 | 0.30 | ug/L | | | 02/10/25 23:01 | 1 |
| o-Xylene | 1.0 | U | 1.0 | 0.36 | ug/L | | | 02/10/25 23:01 | 1 |
| Styrene | 1.0 | U | 1.0 | 0.42 | ug/L | | | 02/10/25 23:01 | 1 |
| Tetrachloroethene | 1.0 | U | 1.0 | 0.25 | ug/L | | | 02/10/25 23:01 | 1 |
| Toluene | 1.0 | U | 1.0 | 0.38 | ug/L | | | 02/10/25 23:01 | 1 |
| trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.24 | ug/L | | | 02/10/25 23:01 | 1 |
| trans-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 | ug/L | | | 02/10/25 23:01 | 1 |
| Trichloroethene | 1.0 | U | 1.0 | 0.31 | ug/L | | | 02/10/25 23:01 | 1 |
| Trichlorofluoromethane | 1.0 | U | 1.0 | 0.32 | ug/L | | | 02/10/25 23:01 | 1 |
| Vinyl chloride | 1.0 | U | 1.0 | 0.17 | ug/L | | | 02/10/25 23:01 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *80* | | *70 - 128* | | *02/10/25 23:01* | *1* |
| *4-Bromofluorobenzene* | *107* | | *76 - 120* | | *02/10/25 23:01* | *1* |
| *Dibromofluoromethane (Surr)* | *93* | | *77 - 132* | | *02/10/25 23:01* | *1* |
| *Toluene-d8 (Surr)* | *94* | | *80 - 120* | | *02/10/25 23:01* | *1* |

**Lab Sample ID: LCS 460-1020540/4**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.1 | | ug/L | | 95 | 72 - 128 |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.6 | | ug/L | | 108 | 63 - 139 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 18.1 | | ug/L | | 91 | 65 - 142 |
| 1,1,2-Trichloroethane | 20.0 | 21.3 | | ug/L | | 107 | 74 - 125 |
| 1,1-Dichloroethane | 20.0 | 17.2 | | ug/L | | 86 | 73 - 130 |
| 1,1-Dichloroethene | 20.0 | 17.1 | | ug/L | | 86 | 68 - 133 |
| 1,2,3-Trichlorobenzene | 20.0 | 22.3 | | ug/L | | 112 | 55 - 150 |
| 1,2,4-Trichlorobenzene | 20.0 | 22.3 | | ug/L | | 112 | 67 - 132 |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 25.5 | | ug/L | | 127 | 58 - 132 |
| 1,2-Dichlorobenzene | 20.0 | 22.1 | | ug/L | | 111 | 80 - 120 |
| 1,2-Dichloroethane | 20.0 | 17.4 | | ug/L | | 87 | 66 - 129 |
| 1,2-Dichloropropane | 20.0 | 16.9 | | ug/L | | 85 | 72 - 128 |
| 1,3-Dichlorobenzene | 20.0 | 22.1 | | ug/L | | 111 | 80 - 120 |
| 1,4-Dichlorobenzene | 20.0 | 21.6 | | ug/L | | 108 | 80 - 120 |
| 2-Butanone (MEK) | 100 | 139 | | ug/L | | 139 | 65 - 142 |
| 2-Hexanone | 100 | 129 | | ug/L | | 129 | 72 - 134 |
| 4-Methyl-2-pentanone (MIBK) | 100 | 115 | | ug/L | | 115 | 77 - 130 |
| Acetone | 100 | 120 | | ug/L | | 120 | 60 - 133 |
| Benzene | 20.0 | 18.7 | | ug/L | | 93 | 71 - 126 |
| Bromoform | 20.0 | 25.2 | | ug/L | | 126 | 58 - 128 |
| Bromomethane | 20.0 | 17.6 | | ug/L | | 88 | 33 - 150 |
| Carbon disulfide | 20.0 | 12.1 | | ug/L | | 61 | 35 - 150 |
| Carbon tetrachloride | 20.0 | 18.7 | | ug/L | | 93 | 65 - 131 |
| Chlorobenzene | 20.0 | 21.6 | | ug/L | | 108 | 80 - 120 |
| Chlorobromomethane | 20.0 | 22.7 | | ug/L | | 114 | 71 - 134 |
| Chlorodibromomethane | 20.0 | 23.1 | | ug/L | | 116 | 73 - 121 |

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

**Lab Sample ID: LCS 460-1020540/4**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Chloroethane | | | 20.0 | 18.0 | | ug/L | | 90 | 54 - 150 | | |
| Chloroform | | | 20.0 | 19.5 | | ug/L | | 98 | 78 - 125 | | |
| Chloromethane | | | 20.0 | 14.3 | | ug/L | | 72 | 43 - 149 | | |
| cis-1,2-Dichloroethene | | | 20.0 | 19.1 | | ug/L | | 95 | 78 - 121 | | |
| cis-1,3-Dichloropropene | | | 20.0 | 20.3 | | ug/L | | 101 | 74 - 125 | | |
| Cyclohexane | | | 20.0 | 12.9 | | ug/L | | 64 | 64 - 142 | | |
| Dichlorobromomethane | | | 20.0 | 20.0 | | ug/L | | 100 | 76 - 121 | | |
| Dichlorodifluoromethane | | | 20.0 | 19.4 | | ug/L | | 97 | 38 - 144 | | |
| Ethylbenzene | | | 20.0 | 21.9 | | ug/L | | 110 | 78 - 120 | | |
| Ethylene Dibromide | | | 20.0 | 23.0 | | ug/L | | 115 | 79 - 126 | | |
| Isopropylbenzene | | | 20.0 | 21.7 | | ug/L | | 109 | 79 - 125 | | |
| Methyl acetate | | | 40.0 | 30.3 | | ug/L | | 76 | 50 - 147 | | |
| Methyl tert-butyl ether | | | 20.0 | 20.0 | | ug/L | | 100 | 72 - 131 | | |
| Methylcyclohexane | | | 20.0 | 16.1 | | ug/L | | 81 | 63 - 138 | | |
| Methylene Chloride | | | 20.0 | 18.4 | | ug/L | | 92 | 74 - 127 | | |
| m-Xylene & p-Xylene | | | 20.0 | 21.3 | | ug/L | | 107 | 78 - 120 | | |
| o-Xylene | | | 20.0 | 22.4 | | ug/L | | 112 | 78 - 120 | | |
| Styrene | | | 20.0 | 22.2 | | ug/L | | 111 | 82 - 127 | | |
| Tetrachloroethene | | | 20.0 | 20.6 | | ug/L | | 103 | 70 - 127 | | |
| Toluene | | | 20.0 | 19.2 | | ug/L | | 96 | 78 - 120 | | |
| trans-1,2-Dichloroethene | | | 20.0 | 18.2 | | ug/L | | 91 | 70 - 126 | | |
| trans-1,3-Dichloropropene | | | 20.0 | 20.3 | | ug/L | | 102 | 71 - 127 | | |
| Trichloroethene | | | 20.0 | 18.7 | | ug/L | | 94 | 73 - 121 | | |
| Trichlorofluoromethane | | | 20.0 | 19.8 | | ug/L | | 99 | 62 - 134 | | |
| Vinyl chloride | | | 20.0 | 16.6 | | ug/L | | 83 | 55 - 144 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *80* | | *70 - 128* |
| *4-Bromofluorobenzene* | *108* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *90* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* |

**Lab Sample ID: LCSD 460-1020540/5**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 20.0 | 20.2 | | ug/L | | 101 | 72 - 128 | 6 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 20.0 | 23.2 | | ug/L | | 116 | 63 - 139 | 7 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | | | 20.0 | 19.8 | | ug/L | | 99 | 65 - 142 | 9 | 30 |
| 1,1,2-Trichloroethane | | | 20.0 | 21.9 | | ug/L | | 110 | 74 - 125 | 3 | 30 |
| 1,1-Dichloroethane | | | 20.0 | 17.9 | | ug/L | | 90 | 73 - 130 | 4 | 30 |
| 1,1-Dichloroethene | | | 20.0 | 18.4 | | ug/L | | 92 | 68 - 133 | 7 | 30 |
| 1,2,3-Trichlorobenzene | | | 20.0 | 24.1 | | ug/L | | 121 | 55 - 150 | 8 | 30 |
| 1,2,4-Trichlorobenzene | | | 20.0 | 22.3 | | ug/L | | 112 | 67 - 132 | 0 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 20.0 | 24.9 | | ug/L | | 124 | 58 - 132 | 2 | 30 |
| 1,2-Dichlorobenzene | | | 20.0 | 23.7 | | ug/L | | 118 | 80 - 120 | 7 | 30 |
| 1,2-Dichloroethane | | | 20.0 | 18.5 | | ug/L | | 93 | 66 - 129 | 6 | 30 |

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

**Lab Sample ID: LCSD 460-1020540/5**
**Matrix: Water**
**Analysis Batch: 1020540**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,2-Dichloropropane | | | 20.0 | 18.2 | | ug/L | | 91 | 72 - 128 | 7 | 30 |
| 1,3-Dichlorobenzene | | | 20.0 | 23.1 | | ug/L | | 116 | 80 - 120 | 4 | 30 |
| 1,4-Dichlorobenzene | | | 20.0 | 23.6 | | ug/L | | 118 | 80 - 120 | 9 | 30 |
| 2-Butanone (MEK) | | | 100 | 151 | * | ug/L | | 151 | 65 - 142 | 8 | 30 |
| 2-Hexanone | | | 100 | 143 | * | ug/L | | 143 | 72 - 134 | 10 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 100 | 124 | | ug/L | | 124 | 77 - 130 | 7 | 30 |
| Acetone | | | 100 | 120 | | ug/L | | 120 | 60 - 133 | 0 | 30 |
| Benzene | | | 20.0 | 19.9 | | ug/L | | 99 | 71 - 126 | 6 | 30 |
| Bromoform | | | 20.0 | 25.4 | | ug/L | | 127 | 58 - 128 | 1 | 30 |
| Bromomethane | | | 20.0 | 20.1 | | ug/L | | 100 | 33 - 150 | 13 | 30 |
| Carbon disulfide | | | 20.0 | 13.4 | | ug/L | | 67 | 35 - 150 | 10 | 30 |
| Carbon tetrachloride | | | 20.0 | 20.0 | | ug/L | | 100 | 65 - 131 | 7 | 30 |
| Chlorobenzene | | | 20.0 | 22.8 | | ug/L | | 114 | 80 - 120 | 5 | 30 |
| Chlorobromomethane | | | 20.0 | 22.7 | | ug/L | | 113 | 71 - 134 | 0 | 30 |
| Chlorodibromomethane | | | 20.0 | 25.0 | * | ug/L | | 125 | 73 - 121 | 8 | 30 |
| Chloroethane | | | 20.0 | 19.1 | | ug/L | | 96 | 54 - 150 | 6 | 30 |
| Chloroform | | | 20.0 | 20.7 | | ug/L | | 104 | 78 - 125 | 6 | 30 |
| Chloromethane | | | 20.0 | 15.6 | | ug/L | | 78 | 43 - 149 | 9 | 30 |
| cis-1,2-Dichloroethene | | | 20.0 | 21.2 | | ug/L | | 106 | 78 - 121 | 10 | 30 |
| cis-1,3-Dichloropropene | | | 20.0 | 21.2 | | ug/L | | 106 | 74 - 125 | 4 | 30 |
| Cyclohexane | | | 20.0 | 14.3 | | ug/L | | 71 | 64 - 142 | 10 | 30 |
| Dichlorobromomethane | | | 20.0 | 21.4 | | ug/L | | 107 | 76 - 121 | 7 | 30 |
| Dichlorodifluoromethane | | | 20.0 | 21.2 | | ug/L | | 106 | 38 - 144 | 9 | 30 |
| Ethylbenzene | | | 20.0 | 23.0 | | ug/L | | 115 | 78 - 120 | 5 | 30 |
| Ethylene Dibromide | | | 20.0 | 24.1 | | ug/L | | 120 | 79 - 126 | 5 | 30 |
| Isopropylbenzene | | | 20.0 | 23.1 | | ug/L | | 115 | 79 - 125 | 6 | 30 |
| Methyl acetate | | | 40.0 | 33.0 | | ug/L | | 82 | 50 - 147 | 8 | 30 |
| Methyl tert-butyl ether | | | 20.0 | 20.7 | | ug/L | | 103 | 72 - 131 | 3 | 30 |
| Methylcyclohexane | | | 20.0 | 17.5 | | ug/L | | 88 | 63 - 138 | 8 | 30 |
| Methylene Chloride | | | 20.0 | 19.2 | | ug/L | | 96 | 74 - 127 | 4 | 30 |
| m-Xylene & p-Xylene | | | 20.0 | 23.2 | | ug/L | | 116 | 78 - 120 | 9 | 30 |
| o-Xylene | | | 20.0 | 23.6 | | ug/L | | 118 | 78 - 120 | 5 | 30 |
| Styrene | | | 20.0 | 23.8 | | ug/L | | 119 | 82 - 127 | 7 | 30 |
| Tetrachloroethene | | | 20.0 | 22.0 | | ug/L | | 110 | 70 - 127 | 7 | 30 |
| Toluene | | | 20.0 | 20.8 | | ug/L | | 104 | 78 - 120 | 8 | 30 |
| trans-1,2-Dichloroethene | | | 20.0 | 20.1 | | ug/L | | 100 | 70 - 126 | 10 | 30 |
| trans-1,3-Dichloropropene | | | 20.0 | 21.6 | | ug/L | | 108 | 71 - 127 | 6 | 30 |
| Trichloroethene | | | 20.0 | 20.7 | | ug/L | | 104 | 73 - 121 | 10 | 30 |
| Trichlorofluoromethane | | | 20.0 | 20.8 | | ug/L | | 104 | 62 - 134 | 5 | 30 |
| Vinyl chloride | | | 20.0 | 18.2 | | ug/L | | 91 | 55 - 144 | 9 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *77* | | *70 - 128* |
| *4-Bromofluorobenzene* | *108* | | *76 - 120* |
| *Dibromofluoromethane (Surr)* | *90* | | *77 - 132* |
| *Toluene-d8 (Surr)* | *93* | | *80 - 120* |

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

**Lab Sample ID: MB 460-1020626/7**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 | mg/Kg | | | 02/11/25 06:32 | 1 |
| 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Acetone | 0.0060 | U | 0.0060 | 0.0057 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Benzene | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Bromoform | 0.0010 | U | 0.0010 | 0.00043 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Bromomethane | 0.0020 | U | 0.0020 | 0.0010 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chloroethane | 0.0010 | U | 0.0010 | 0.00052 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chloroform | 0.0010 | U | 0.0010 | 0.00097 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Chloromethane | 0.0010 | U | 0.0010 | 0.00044 | mg/Kg | | | 02/11/25 06:32 | 1 |
| cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 | mg/Kg | | | 02/11/25 06:32 | 1 |
| cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 | mg/Kg | | | 02/11/25 06:32 | 1 |
| m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 | mg/Kg | | | 02/11/25 06:32 | 1 |
| o-Xylene | 0.0010 | U | 0.0010 | 0.00019 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Styrene | 0.0010 | U | 0.0010 | 0.00028 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Toluene | 0.0010 | U | 0.0010 | 0.00023 | mg/Kg | | | 02/11/25 06:32 | 1 |
| trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 | mg/Kg | | | 02/11/25 06:32 | 1 |
| trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 | mg/Kg | | | 02/11/25 06:32 | 1 |

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

**Lab Sample ID: MB 460-1020626/7**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 | mg/Kg | | | 02/11/25 06:32 | 1 |
| Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 | mg/Kg | | | 02/11/25 06:32 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *103* | | *65 - 138* | | *02/11/25 06:32* | *1* |
| *4-Bromofluorobenzene* | *108* | | *71 - 128* | | *02/11/25 06:32* | *1* |
| *Dibromofluoromethane (Surr)* | *102* | | *50 - 150* | | *02/11/25 06:32* | *1* |
| *Toluene-d8 (Surr)* | *96* | | *71 - 126* | | *02/11/25 06:32* | *1* |

**Lab Sample ID: LCS 460-1020626/3**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0195 | | mg/Kg | | 98 | 78 - 120 |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0193 | | mg/Kg | | 97 | 70 - 133 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0212 | | mg/Kg | | 106 | 75 - 121 |
| 1,1,2-Trichloroethane | 0.0200 | 0.0197 | | mg/Kg | | 98 | 80 - 120 |
| 1,1-Dichloroethane | 0.0200 | 0.0192 | | mg/Kg | | 96 | 72 - 120 |
| 1,1-Dichloroethene | 0.0200 | 0.0202 | | mg/Kg | | 101 | 76 - 120 |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0177 | | mg/Kg | | 89 | 77 - 137 |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0169 | | mg/Kg | | 84 | 77 - 136 |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0188 | | mg/Kg | | 94 | 80 - 124 |
| 1,2-Dichlorobenzene | 0.0200 | 0.0184 | | mg/Kg | | 92 | 80 - 120 |
| 1,2-Dichloroethane | 0.0200 | 0.0181 | | mg/Kg | | 91 | 70 - 123 |
| 1,2-Dichloropropane | 0.0200 | 0.0188 | | mg/Kg | | 94 | 73 - 124 |
| 1,3-Dichlorobenzene | 0.0200 | 0.0185 | | mg/Kg | | 92 | 80 - 120 |
| 1,4-Dichlorobenzene | 0.0200 | 0.0182 | | mg/Kg | | 91 | 80 - 120 |
| 2-Butanone (MEK) | 0.100 | 0.0907 | | mg/Kg | | 91 | 64 - 128 |
| 2-Hexanone | 0.100 | 0.0911 | | mg/Kg | | 91 | 75 - 120 |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0927 | | mg/Kg | | 93 | 80 - 120 |
| Acetone | 0.100 | 0.0856 | | mg/Kg | | 86 | 58 - 122 |
| Benzene | 0.0200 | 0.0192 | | mg/Kg | | 96 | 75 - 120 |
| Bromoform | 0.0200 | 0.0181 | | mg/Kg | | 90 | 61 - 125 |
| Bromomethane | 0.0200 | 0.0401 | * | mg/Kg | | 201 | 37 - 150 |
| Carbon disulfide | 0.0200 | 0.0189 | | mg/Kg | | 94 | 57 - 133 |
| Carbon tetrachloride | 0.0200 | 0.0192 | | mg/Kg | | 96 | 66 - 127 |
| Chlorobenzene | 0.0200 | 0.0188 | | mg/Kg | | 94 | 80 - 120 |
| Chlorobromomethane | 0.0200 | 0.0197 | | mg/Kg | | 98 | 76 - 127 |
| Chlorodibromomethane | 0.0200 | 0.0186 | | mg/Kg | | 93 | 72 - 120 |
| Chloroethane | 0.0200 | 0.0206 | | mg/Kg | | 103 | 60 - 123 |
| Chloroform | 0.0200 | 0.0195 | | mg/Kg | | 98 | 79 - 126 |
| Chloromethane | 0.0200 | 0.0194 | | mg/Kg | | 97 | 46 - 122 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 123 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0179 | | mg/Kg | | 90 | 75 - 120 |
| Cyclohexane | 0.0200 | 0.0204 | | mg/Kg | | 102 | 65 - 132 |
| Dichlorobromomethane | 0.0200 | 0.0189 | | mg/Kg | | 94 | 77 - 124 |

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

**Lab Sample ID: LCS 460-1020626/3**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | | | 0.0200 | 0.0214 | | mg/Kg | | 107 | 45 - 129 | | |
| Ethylbenzene | | | 0.0200 | 0.0190 | | mg/Kg | | 95 | 80 - 120 | | |
| Ethylene Dibromide | | | 0.0200 | 0.0187 | | mg/Kg | | 93 | 79 - 120 | | |
| Isopropylbenzene | | | 0.0200 | 0.0186 | | mg/Kg | | 93 | 74 - 120 | | |
| Methyl acetate | | | 0.0400 | 0.0393 | | mg/Kg | | 98 | 57 - 120 | | |
| Methyl tert-butyl ether | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 74 - 125 | | |
| Methylcyclohexane | | | 0.0200 | 0.0203 | | mg/Kg | | 101 | 66 - 125 | | |
| Methylene Chloride | | | 0.0200 | 0.0184 | | mg/Kg | | 92 | 78 - 120 | | |
| m-Xylene & p-Xylene | | | 0.0200 | 0.0183 | | mg/Kg | | 92 | 80 - 120 | | |
| o-Xylene | | | 0.0200 | 0.0189 | | mg/Kg | | 94 | 80 - 120 | | |
| Styrene | | | 0.0200 | 0.0184 | | mg/Kg | | 92 | 80 - 120 | | |
| Tetrachloroethene | | | 0.0200 | 0.0189 | | mg/Kg | | 95 | 73 - 120 | | |
| Toluene | | | 0.0200 | 0.0191 | | mg/Kg | | 95 | 80 - 120 | | |
| trans-1,2-Dichloroethene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 78 - 120 | | |
| trans-1,3-Dichloropropene | | | 0.0200 | 0.0171 | | mg/Kg | | 86 | 77 - 120 | | |
| Trichloroethene | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | | |
| Trichlorofluoromethane | | | 0.0200 | 0.0216 | | mg/Kg | | 108 | 61 - 130 | | |
| Vinyl chloride | | | 0.0200 | 0.0208 | | mg/Kg | | 104 | 54 - 122 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *100* | | *65 - 138* |
| *4-Bromofluorobenzene* | *110* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *103* | | *50 - 150* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |

**Lab Sample ID: LCSD 460-1020626/4**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | | | 0.0200 | 0.0201 | | mg/Kg | | 101 | 78 - 120 | 3 | 30 |
| 1,1,2,2-Tetrachloroethane | | | 0.0200 | 0.0204 | | mg/Kg | | 102 | 70 - 133 | 5 | 30 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | | | 0.0200 | 0.0220 | | mg/Kg | | 110 | 75 - 121 | 3 | 30 |
| 1,1,2-Trichloroethane | | | 0.0200 | 0.0206 | | mg/Kg | | 103 | 80 - 120 | 5 | 30 |
| 1,1-Dichloroethane | | | 0.0200 | 0.0199 | | mg/Kg | | 100 | 72 - 120 | 4 | 30 |
| 1,1-Dichloroethene | | | 0.0200 | 0.0210 | | mg/Kg | | 105 | 76 - 120 | 4 | 30 |
| 1,2,3-Trichlorobenzene | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 77 - 137 | 10 | 30 |
| 1,2,4-Trichlorobenzene | | | 0.0200 | 0.0185 | | mg/Kg | | 92 | 77 - 136 | 9 | 30 |
| 1,2-Dibromo-3-Chloropropane | | | 0.0200 | 0.0195 | | mg/Kg | | 97 | 80 - 124 | 3 | 30 |
| 1,2-Dichlorobenzene | | | 0.0200 | 0.0194 | | mg/Kg | | 97 | 80 - 120 | 5 | 30 |
| 1,2-Dichloroethane | | | 0.0200 | 0.0189 | | mg/Kg | | 95 | 70 - 123 | 4 | 30 |
| 1,2-Dichloropropane | | | 0.0200 | 0.0197 | | mg/Kg | | 99 | 73 - 124 | 5 | 30 |
| 1,3-Dichlorobenzene | | | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | 6 | 30 |
| 1,4-Dichlorobenzene | | | 0.0200 | 0.0192 | | mg/Kg | | 96 | 80 - 120 | 5 | 30 |
| 2-Butanone (MEK) | | | 0.100 | 0.0970 | | mg/Kg | | 97 | 64 - 128 | 7 | 30 |
| 2-Hexanone | | | 0.100 | 0.0956 | | mg/Kg | | 96 | 75 - 120 | 5 | 30 |
| 4-Methyl-2-pentanone (MIBK) | | | 0.100 | 0.0981 | | mg/Kg | | 98 | 80 - 120 | 6 | 30 |
| Acetone | | | 0.100 | 0.0895 | | mg/Kg | | 89 | 58 - 122 | 4 | 30 |

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

**Lab Sample ID: LCSD 460-1020626/4**
**Matrix: Solid**
**Analysis Batch: 1020626**

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

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzene | 0.0200 | 0.0200 | | mg/Kg | | 100 | 75 - 120 | 4 | 30 |
| Bromoform | 0.0200 | 0.0195 | | mg/Kg | | 97 | 61 - 125 | 7 | 30 |
| Bromomethane | 0.0200 | 0.0399 | * | mg/Kg | | 199 | 37 - 150 | 1 | 30 |
| Carbon disulfide | 0.0200 | 0.0197 | | mg/Kg | | 99 | 57 - 133 | 4 | 30 |
| Carbon tetrachloride | 0.0200 | 0.0198 | | mg/Kg | | 99 | 66 - 127 | 3 | 30 |
| Chlorobenzene | 0.0200 | 0.0197 | | mg/Kg | | 99 | 80 - 120 | 4 | 30 |
| Chlorobromomethane | 0.0200 | 0.0205 | | mg/Kg | | 102 | 76 - 127 | 4 | 30 |
| Chlorodibromomethane | 0.0200 | 0.0195 | | mg/Kg | | 97 | 72 - 120 | 5 | 30 |
| Chloroethane | 0.0200 | 0.0202 | | mg/Kg | | 101 | 60 - 123 | 2 | 30 |
| Chloroform | 0.0200 | 0.0201 | | mg/Kg | | 100 | 79 - 126 | 3 | 30 |
| Chloromethane | 0.0200 | 0.0190 | | mg/Kg | | 95 | 46 - 122 | 2 | 30 |
| cis-1,2-Dichloroethene | 0.0200 | 0.0204 | | mg/Kg | | 102 | 80 - 123 | 4 | 30 |
| cis-1,3-Dichloropropene | 0.0200 | 0.0187 | | mg/Kg | | 94 | 75 - 120 | 4 | 30 |
| Cyclohexane | 0.0200 | 0.0212 | | mg/Kg | | 106 | 65 - 132 | 4 | 30 |
| Dichlorobromomethane | 0.0200 | 0.0198 | | mg/Kg | | 99 | 77 - 124 | 5 | 30 |
| Dichlorodifluoromethane | 0.0200 | 0.0207 | | mg/Kg | | 104 | 45 - 129 | 3 | 30 |
| Ethylbenzene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | 4 | 30 |
| Ethylene Dibromide | 0.0200 | 0.0196 | | mg/Kg | | 98 | 79 - 120 | 5 | 30 |
| Isopropylbenzene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 74 - 120 | 5 | 30 |
| Methyl acetate | 0.0400 | 0.0416 | | mg/Kg | | 104 | 57 - 120 | 6 | 30 |
| Methyl tert-butyl ether | 0.0200 | 0.0204 | | mg/Kg | | 102 | 74 - 125 | 5 | 30 |
| Methylcyclohexane | 0.0200 | 0.0212 | | mg/Kg | | 106 | 66 - 125 | 4 | 30 |
| Methylene Chloride | 0.0200 | 0.0190 | | mg/Kg | | 95 | 78 - 120 | 4 | 30 |
| m-Xylene & p-Xylene | 0.0200 | 0.0192 | | mg/Kg | | 96 | 80 - 120 | 5 | 30 |
| o-Xylene | 0.0200 | 0.0196 | | mg/Kg | | 98 | 80 - 120 | 4 | 30 |
| Styrene | 0.0200 | 0.0193 | | mg/Kg | | 97 | 80 - 120 | 5 | 30 |
| Tetrachloroethene | 0.0200 | 0.0199 | | mg/Kg | | 99 | 73 - 120 | 5 | 30 |
| Toluene | 0.0200 | 0.0201 | | mg/Kg | | 101 | 80 - 120 | 5 | 30 |
| trans-1,2-Dichloroethene | 0.0200 | 0.0204 | | mg/Kg | | 102 | 78 - 120 | 5 | 30 |
| trans-1,3-Dichloropropene | 0.0200 | 0.0179 | | mg/Kg | | 89 | 77 - 120 | 4 | 30 |
| Trichloroethene | 0.0200 | 0.0203 | | mg/Kg | | 101 | 80 - 120 | 4 | 30 |
| Trichlorofluoromethane | 0.0200 | 0.0210 | | mg/Kg | | 105 | 61 - 130 | 3 | 30 |
| Vinyl chloride | 0.0200 | 0.0203 | | mg/Kg | | 102 | 54 - 122 | 3 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *1,2-Dichloroethane-d4 (Surr)* | *102* | | *65 - 138* |
| *4-Bromofluorobenzene* | *110* | | *71 - 128* |
| *Dibromofluoromethane (Surr)* | *104* | | *50 - 150* |
| *Toluene-d8 (Surr)* | *101* | | *71 - 126* |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 460-1020073/1-A**
**Matrix: Water**
**Analysis Batch: 1020114**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020073**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 5.0 | U | 5.0 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 460-1020073/1-A**
**Matrix: Water**
**Analysis Batch: 1020114**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020073**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2,2'-oxybis[1-chloropropane] | 10 | U | 10 | 0.63 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,3,4,6-Tetrachlorophenol | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4,5-Trichlorophenol | 10 | U | 10 | 0.88 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4,6-Trichlorophenol | 3.0 | U | 3.0 | 0.86 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4-Dichlorophenol | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4-Dimethylphenol | 10 | U | 10 | 0.62 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4-Dinitrophenol | 40 | U | 40 | 11 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,4-Dinitrotoluene | 10 | U | 10 | 1.0 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2,6-Dinitrotoluene | 2.0 | U | 2.0 | 0.83 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Chloronaphthalene | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Chlorophenol | 10 | U | 10 | 0.95 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Methylnaphthalene | 10 | U | 10 | 0.53 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Methylphenol | 10 | U | 10 | 0.67 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Nitroaniline | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 2-Nitrophenol | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 3,3'-Dichlorobenzidine | 5.2 | U | 5.2 | 1.4 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 3-Nitroaniline | 10 | U | 10 | 1.9 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4,6-Dinitro-2-methylphenol | 20 | U | 20 | 8.6 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Bromophenyl phenyl ether | 10 | U | 10 | 0.75 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Chloro-3-methylphenol | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Chloroaniline | 5.0 | U | 5.0 | 1.9 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Chlorophenyl phenyl ether | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Methylphenol | 10 | U | 10 | 0.65 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Nitroaniline | 10 | U | 10 | 1.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| 4-Nitrophenol | 20 | U | 20 | 4.0 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Acenaphthene | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Acenaphthylene | 10 | U | 10 | 0.82 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Acetophenone | 10 | U | 10 | 2.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Anthracene | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Atrazine | 2.0 | U | 2.0 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzaldehyde | 10 | U | 10 | 2.1 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Bis(2-chloroethoxy)methane | 10 | U | 10 | 0.59 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Bis(2-chloroethyl)ether | 1.0 | U | 1.0 | 0.63 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Bis(2-ethylhexyl) phthalate | 2.0 | U | 2.0 | 0.80 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Butyl benzyl phthalate | 10 | U | 10 | 0.85 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Caprolactam | 10 | U | 10 | 2.2 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Carbazole | 10 | U | 10 | 0.68 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Chrysene | 2.0 | U | 2.0 | 0.91 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Dibenzofuran | 10 | U | 10 | 1.1 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Diethyl phthalate | 10 | U | 10 | 0.98 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Dimethyl phthalate | 10 | U | 10 | 0.77 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Di-n-butyl phthalate | 10 | U | 10 | 0.84 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Di-n-octyl phthalate | 10 | U | 10 | 4.0 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 460-1020073/1-A**
**Matrix: Water**
**Analysis Batch: 1020114**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020073**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | 10 | U | 10 | 0.84 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Fluorene | 10 | U | 10 | 0.91 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Hexachlorobenzene | 1.0 | U | 1.0 | 0.40 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Hexachlorobutadiene | 1.0 | U | 1.0 | 0.78 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Hexachlorocyclopentadiene | 10 | U | 10 | 3.6 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Hexachloroethane | 0.80 | U | 0.80 | 0.31 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Isophorone | 10 | U | 10 | 0.80 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 0.54 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Nitrobenzene | 1.0 | U | 1.0 | 0.57 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| N-Nitrosodi-n-propylamine | 1.0 | U | 1.0 | 0.43 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| N-Nitrosodiphenylamine | 10 | U | 10 | 0.89 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Pentachlorophenol | 20 | U | 20 | 6.6 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Phenanthrene | 10 | U | 10 | 1.3 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Phenol | 10 | U | 10 | 0.29 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |
| Pyrene | 10 | U | 10 | 1.6 | ug/L | | 02/07/25 06:22 | 02/07/25 13:08 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *95* | | *37 - 150* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |
| *2-Fluorobiphenyl* | *88* | | *46 - 139* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |
| *2-Fluorophenol (Surr)* | *47* | | *16 - 80* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |
| *Nitrobenzene-d5 (Surr)* | *92* | | *51 - 145* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |
| *Phenol-d5 (Surr)* | *32* | | *10 - 56* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |
| *Terphenyl-d14 (Surr)* | *91* | | *13 - 159* | *02/07/25 06:22* | *02/07/25 13:08* | *1* |

**Lab Sample ID: LCS 460-1020073/2-A**
**Matrix: Water**
**Analysis Batch: 1020114**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020073**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 80.0 | 67.9 | | ug/L | | 85 | 52 - 129 |
| 1,2,4,5-Tetrachlorobenzene | 80.0 | 66.8 | | ug/L | | 83 | 40 - 136 |
| 2,2'-oxybis[1-chloropropane] | 80.0 | 67.7 | | ug/L | | 85 | 47 - 133 |
| 2,3,4,6-Tetrachlorophenol | 80.0 | 82.4 | | ug/L | | 103 | 63 - 131 |
| 2,4,5-Trichlorophenol | 80.0 | 79.5 | | ug/L | | 99 | 63 - 124 |
| 2,4,6-Trichlorophenol | 80.0 | 78.3 | | ug/L | | 98 | 66 - 131 |
| 2,4-Dichlorophenol | 80.0 | 71.8 | | ug/L | | 90 | 60 - 120 |
| 2,4-Dimethylphenol | 80.0 | 85.3 | | ug/L | | 107 | 37 - 120 |
| 2,4-Dinitrophenol | 160 | 169 | | ug/L | | 106 | 50 - 148 |
| 2,4-Dinitrotoluene | 80.0 | 91.8 | | ug/L | | 115 | 71 - 142 |
| 2,6-Dinitrotoluene | 80.0 | 87.6 | | ug/L | | 110 | 71 - 136 |
| 2-Chloronaphthalene | 80.0 | 68.0 | | ug/L | | 85 | 50 - 129 |
| 2-Chlorophenol | 80.0 | 60.2 | | ug/L | | 75 | 49 - 120 |
| 2-Methylnaphthalene | 80.0 | 57.8 | | ug/L | | 72 | 42 - 134 |
| 2-Methylphenol | 80.0 | 57.3 | | ug/L | | 72 | 35 - 120 |
| 2-Nitroaniline | 80.0 | 79.2 | | ug/L | | 99 | 57 - 134 |
| 2-Nitrophenol | 80.0 | 72.3 | | ug/L | | 90 | 62 - 124 |
| 3,3'-Dichlorobenzidine | 80.0 | 76.7 | | ug/L | | 96 | 55 - 145 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 460-1020073/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1020114**
**Prep Batch: 1020073**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 3-Nitroaniline | 80.0 | 78.2 | | ug/L | | 98 | 51 - 120 |
| 4,6-Dinitro-2-methylphenol | 160 | 177 | | ug/L | | 111 | 65 - 145 |
| 4-Bromophenyl phenyl ether | 80.0 | 83.4 | | ug/L | | 104 | 59 - 132 |
| 4-Chloro-3-methylphenol | 80.0 | 72.8 | | ug/L | | 91 | 54 - 120 |
| 4-Chloroaniline | 80.0 | 72.9 | | ug/L | | 91 | 43 - 120 |
| 4-Chlorophenyl phenyl ether | 80.0 | 79.4 | | ug/L | | 99 | 65 - 127 |
| 4-Methylphenol | 80.0 | 51.8 | | ug/L | | 65 | 28 - 120 |
| 4-Nitroaniline | 80.0 | 85.9 | | ug/L | | 107 | 57 - 135 |
| 4-Nitrophenol | 160 | 67.6 | | ug/L | | 42 | 10 - 120 |
| Acenaphthene | 80.0 | 71.9 | | ug/L | | 90 | 62 - 127 |
| Acenaphthylene | 80.0 | 76.4 | | ug/L | | 95 | 58 - 122 |
| Acetophenone | 80.0 | 70.2 | | ug/L | | 88 | 65 - 125 |
| Anthracene | 80.0 | 81.7 | | ug/L | | 102 | 67 - 127 |
| Atrazine | 40.0 | 52.5 | | ug/L | | 131 | 13 - 150 |
| Benzaldehyde | 40.0 | 41.5 | | ug/L | | 104 | 10 - 150 |
| Benzo[a]anthracene | 80.0 | 82.5 | | ug/L | | 103 | 71 - 131 |
| Benzo[a]pyrene | 80.0 | 92.5 | | ug/L | | 116 | 75 - 148 |
| Benzo[b]fluoranthene | 80.0 | 92.3 | | ug/L | | 115 | 70 - 140 |
| Benzo[g,h,i]perylene | 80.0 | 91.0 | | ug/L | | 114 | 52 - 143 |
| Benzo[k]fluoranthene | 80.0 | 88.5 | | ug/L | | 111 | 71 - 140 |
| Bis(2-chloroethoxy)methane | 80.0 | 73.3 | | ug/L | | 92 | 63 - 122 |
| Bis(2-chloroethyl)ether | 80.0 | 69.3 | | ug/L | | 87 | 61 - 125 |
| Bis(2-ethylhexyl) phthalate | 80.0 | 89.5 | | ug/L | | 112 | 65 - 144 |
| Butyl benzyl phthalate | 80.0 | 91.4 | | ug/L | | 114 | 67 - 141 |
| Caprolactam | 40.0 | 11.8 | | ug/L | | 29 | 10 - 120 |
| Carbazole | 80.0 | 84.1 | | ug/L | | 105 | 68 - 132 |
| Chrysene | 80.0 | 79.1 | | ug/L | | 99 | 70 - 132 |
| Dibenz(a,h)anthracene | 80.0 | 87.1 | | ug/L | | 109 | 53 - 150 |
| Dibenzofuran | 80.0 | 75.3 | | ug/L | | 94 | 64 - 125 |
| Diethyl phthalate | 80.0 | 82.2 | | ug/L | | 103 | 67 - 131 |
| Dimethyl phthalate | 80.0 | 83.7 | | ug/L | | 105 | 67 - 129 |
| Di-n-butyl phthalate | 80.0 | 88.8 | | ug/L | | 111 | 71 - 139 |
| Di-n-octyl phthalate | 80.0 | 101 | | ug/L | | 126 | 51 - 150 |
| Fluoranthene | 80.0 | 87.4 | | ug/L | | 109 | 69 - 137 |
| Fluorene | 80.0 | 77.5 | | ug/L | | 97 | 67 - 125 |
| Hexachlorobenzene | 80.0 | 85.0 | | ug/L | | 106 | 62 - 135 |
| Hexachlorobutadiene | 80.0 | 41.8 | | ug/L | | 52 | 10 - 147 |
| Hexachlorocyclopentadiene | 80.0 | 66.0 | | ug/L | | 82 | 10 - 135 |
| Hexachloroethane | 80.0 | 30.8 | | ug/L | | 39 | 10 - 138 |
| Indeno[1,2,3-cd]pyrene | 80.0 | 89.1 | | ug/L | | 111 | 59 - 150 |
| Isophorone | 80.0 | 78.5 | | ug/L | | 98 | 65 - 128 |
| Naphthalene | 80.0 | 56.8 | | ug/L | | 71 | 39 - 126 |
| Nitrobenzene | 80.0 | 75.0 | | ug/L | | 94 | 66 - 127 |
| N-Nitrosodi-n-propylamine | 80.0 | 73.2 | | ug/L | | 92 | 63 - 133 |
| N-Nitrosodiphenylamine | 80.0 | 78.5 | | ug/L | | 98 | 66 - 128 |
| Pentachlorophenol | 160 | 168 | | ug/L | | 105 | 60 - 140 |
| Phenanthrene | 80.0 | 80.8 | | ug/L | | 101 | 68 - 126 |
| Phenol | 80.0 | 27.9 | | ug/L | | 35 | 10 - 80 |
| Pyrene | 80.0 | 84.9 | | ug/L | | 106 | 60 - 137 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *95* | | *37 - 150* |
| *2-Fluorobiphenyl* | *80* | | *46 - 139* |
| *2-Fluorophenol (Surr)* | *40* | | *16 - 80* |
| *Nitrobenzene-d5 (Surr)* | *81* | | *51 - 145* |
| *Phenol-d5 (Surr)* | *28* | | *10 - 56* |
| *Terphenyl-d14 (Surr)* | *93* | | *13 - 159* |

**Lab Sample ID: LCSD 460-1020073/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1020114**
**Prep Batch: 1020073**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | | | 80.0 | 68.6 | | ug/L | | 86 | 52 - 129 | 1 | 30 |
| 1,2,4,5-Tetrachlorobenzene | | | 80.0 | 67.5 | | ug/L | | 84 | 40 - 136 | 1 | 30 |
| 2,2'-oxybis[1-chloropropane] | | | 80.0 | 67.6 | | ug/L | | 85 | 47 - 133 | 0 | 30 |
| 2,3,4,6-Tetrachlorophenol | | | 80.0 | 82.2 | | ug/L | | 103 | 63 - 131 | 0 | 30 |
| 2,4,5-Trichlorophenol | | | 80.0 | 80.9 | | ug/L | | 101 | 63 - 124 | 2 | 30 |
| 2,4,6-Trichlorophenol | | | 80.0 | 80.0 | | ug/L | | 100 | 66 - 131 | 2 | 30 |
| 2,4-Dichlorophenol | | | 80.0 | 72.3 | | ug/L | | 90 | 60 - 120 | 1 | 30 |
| 2,4-Dimethylphenol | | | 80.0 | 86.6 | | ug/L | | 108 | 37 - 120 | 2 | 30 |
| 2,4-Dinitrophenol | | | 160 | 166 | | ug/L | | 104 | 50 - 148 | 2 | 30 |
| 2,4-Dinitrotoluene | | | 80.0 | 88.7 | | ug/L | | 111 | 71 - 142 | 4 | 30 |
| 2,6-Dinitrotoluene | | | 80.0 | 85.4 | | ug/L | | 107 | 71 - 136 | 3 | 30 |
| 2-Chloronaphthalene | | | 80.0 | 67.9 | | ug/L | | 85 | 50 - 129 | 0 | 30 |
| 2-Chlorophenol | | | 80.0 | 60.1 | | ug/L | | 75 | 49 - 120 | 0 | 30 |
| 2-Methylnaphthalene | | | 80.0 | 57.9 | | ug/L | | 72 | 42 - 134 | 0 | 30 |
| 2-Methylphenol | | | 80.0 | 57.6 | | ug/L | | 72 | 35 - 120 | 0 | 30 |
| 2-Nitroaniline | | | 80.0 | 79.5 | | ug/L | | 99 | 57 - 134 | 0 | 30 |
| 2-Nitrophenol | | | 80.0 | 72.7 | | ug/L | | 91 | 62 - 124 | 0 | 30 |
| 3,3'-Dichlorobenzidine | | | 80.0 | 73.9 | | ug/L | | 92 | 55 - 145 | 4 | 30 |
| 3-Nitroaniline | | | 80.0 | 75.0 | | ug/L | | 94 | 51 - 120 | 4 | 30 |
| 4,6-Dinitro-2-methylphenol | | | 160 | 175 | | ug/L | | 109 | 65 - 145 | 1 | 30 |
| 4-Bromophenyl phenyl ether | | | 80.0 | 87.3 | | ug/L | | 109 | 59 - 132 | 5 | 30 |
| 4-Chloro-3-methylphenol | | | 80.0 | 74.3 | | ug/L | | 93 | 54 - 120 | 2 | 30 |
| 4-Chloroaniline | | | 80.0 | 72.8 | | ug/L | | 91 | 43 - 120 | 0 | 30 |
| 4-Chlorophenyl phenyl ether | | | 80.0 | 79.8 | | ug/L | | 100 | 65 - 127 | 1 | 30 |
| 4-Methylphenol | | | 80.0 | 52.1 | | ug/L | | 65 | 28 - 120 | 1 | 30 |
| 4-Nitroaniline | | | 80.0 | 78.7 | | ug/L | | 98 | 57 - 135 | 9 | 30 |
| 4-Nitrophenol | | | 160 | 64.8 | | ug/L | | 40 | 10 - 120 | 4 | 30 |
| Acenaphthene | | | 80.0 | 72.1 | | ug/L | | 90 | 62 - 127 | 0 | 30 |
| Acenaphthylene | | | 80.0 | 76.0 | | ug/L | | 95 | 58 - 122 | 1 | 30 |
| Acetophenone | | | 80.0 | 70.7 | | ug/L | | 88 | 65 - 125 | 1 | 30 |
| Anthracene | | | 80.0 | 81.4 | | ug/L | | 102 | 67 - 127 | 0 | 30 |
| Atrazine | | | 40.0 | 52.9 | | ug/L | | 132 | 13 - 150 | 1 | 30 |
| Benzaldehyde | | | 40.0 | 41.9 | | ug/L | | 105 | 10 - 150 | 1 | 30 |
| Benzo[a]anthracene | | | 80.0 | 83.4 | | ug/L | | 104 | 71 - 131 | 1 | 30 |
| Benzo[a]pyrene | | | 80.0 | 91.0 | | ug/L | | 114 | 75 - 148 | 2 | 30 |
| Benzo[b]fluoranthene | | | 80.0 | 87.0 | | ug/L | | 109 | 70 - 140 | 6 | 30 |
| Benzo[g,h,i]perylene | | | 80.0 | 93.7 | | ug/L | | 117 | 52 - 143 | 3 | 30 |
| Benzo[k]fluoranthene | | | 80.0 | 89.8 | | ug/L | | 112 | 71 - 140 | 1 | 30 |
| Bis(2-chloroethoxy)methane | | | 80.0 | 73.8 | | ug/L | | 92 | 63 - 122 | 1 | 30 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 460-1020073/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1020114**
**Prep Batch: 1020073**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Bis(2-chloroethyl)ether | | | 80.0 | 70.0 | | ug/L | | 87 | 61 - 125 | 1 | 30 |
| Bis(2-ethylhexyl) phthalate | | | 80.0 | 88.6 | | ug/L | | 111 | 65 - 144 | 1 | 30 |
| Butyl benzyl phthalate | | | 80.0 | 92.8 | | ug/L | | 116 | 67 - 141 | 1 | 30 |
| Caprolactam | | | 40.0 | 11.6 | | ug/L | | 29 | 10 - 120 | 2 | 30 |
| Carbazole | | | 80.0 | 79.3 | | ug/L | | 99 | 68 - 132 | 6 | 30 |
| Chrysene | | | 80.0 | 80.1 | | ug/L | | 100 | 70 - 132 | 1 | 30 |
| Dibenz(a,h)anthracene | | | 80.0 | 89.6 | | ug/L | | 112 | 53 - 150 | 3 | 30 |
| Dibenzofuran | | | 80.0 | 74.6 | | ug/L | | 93 | 64 - 125 | 1 | 30 |
| Diethyl phthalate | | | 80.0 | 80.9 | | ug/L | | 101 | 67 - 131 | 2 | 30 |
| Dimethyl phthalate | | | 80.0 | 83.2 | | ug/L | | 104 | 67 - 129 | 1 | 30 |
| Di-n-butyl phthalate | | | 80.0 | 84.4 | | ug/L | | 106 | 71 - 139 | 5 | 30 |
| Di-n-octyl phthalate | | | 80.0 | 96.8 | | ug/L | | 121 | 51 - 150 | 4 | 30 |
| Fluoranthene | | | 80.0 | 79.9 | | ug/L | | 100 | 69 - 137 | 9 | 30 |
| Fluorene | | | 80.0 | 76.3 | | ug/L | | 95 | 67 - 125 | 2 | 30 |
| Hexachlorobenzene | | | 80.0 | 87.7 | | ug/L | | 110 | 62 - 135 | 3 | 30 |
| Hexachlorobutadiene | | | 80.0 | 42.3 | | ug/L | | 53 | 10 - 147 | 1 | 30 |
| Hexachlorocyclopentadiene | | | 80.0 | 67.4 | | ug/L | | 84 | 10 - 135 | 2 | 30 |
| Hexachloroethane | | | 80.0 | 31.0 | | ug/L | | 39 | 10 - 138 | 1 | 30 |
| Indeno[1,2,3-cd]pyrene | | | 80.0 | 91.8 | | ug/L | | 115 | 59 - 150 | 3 | 30 |
| Isophorone | | | 80.0 | 78.4 | | ug/L | | 98 | 65 - 128 | 0 | 30 |
| Naphthalene | | | 80.0 | 56.5 | | ug/L | | 71 | 39 - 126 | 1 | 30 |
| Nitrobenzene | | | 80.0 | 75.2 | | ug/L | | 94 | 66 - 127 | 0 | 30 |
| N-Nitrosodi-n-propylamine | | | 80.0 | 74.3 | | ug/L | | 93 | 63 - 133 | 2 | 30 |
| N-Nitrosodiphenylamine | | | 80.0 | 80.4 | | ug/L | | 100 | 66 - 128 | 2 | 30 |
| Pentachlorophenol | | | 160 | 166 | | ug/L | | 104 | 60 - 140 | 1 | 30 |
| Phenanthrene | | | 80.0 | 80.7 | | ug/L | | 101 | 68 - 126 | 0 | 30 |
| Phenol | | | 80.0 | 28.3 | | ug/L | | 35 | 10 - 80 | 1 | 30 |
| Pyrene | | | 80.0 | 95.5 | | ug/L | | 119 | 60 - 137 | 12 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *95* | | *37 - 150* |
| *2-Fluorobiphenyl* | *80* | | *46 - 139* |
| *2-Fluorophenol (Surr)* | *40* | | *16 - 80* |
| *Nitrobenzene-d5 (Surr)* | *82* | | *51 - 145* |
| *Phenol-d5 (Surr)* | *28* | | *10 - 56* |
| *Terphenyl-d14 (Surr)* | *103* | | *13 - 159* |

**Lab Sample ID: MB 460-1020235/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020312**
**Prep Batch: 1020235**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.022 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 460-1020235/1-A**
**Matrix: Solid**
**Analysis Batch: 1020312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020235**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.042 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.039 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Methylnaphthalene | 0.33 | U | 0.33 | 0.0093 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Methylphenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Methylphenol | 0.33 | U | 0.33 | 0.021 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Acenaphthene | 0.33 | U | 0.33 | 0.0094 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Acenaphthylene | 0.33 | U | 0.33 | 0.0095 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Acetophenone | 0.33 | U | 0.33 | 0.016 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Anthracene | 0.33 | U | 0.33 | 0.010 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Atrazine | 0.13 | U | 0.13 | 0.019 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzaldehyde | 0.33 | U | 0.33 | 0.055 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzo[a]anthracene | 0.033 | U | 0.033 | 0.025 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzo[a]pyrene | 0.033 | U | 0.033 | 0.0088 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzo[b]fluoranthene | 0.033 | U | 0.033 | 0.0086 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzo[g,h,i]perylene | 0.33 | U | 0.33 | 0.0098 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Benzo[k]fluoranthene | 0.033 | U | 0.033 | 0.0065 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.017 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Caprolactam | 0.33 | U | 0.33 | 0.051 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Carbazole | 0.33 | U | 0.33 | 0.013 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Chrysene | 0.33 | U | 0.33 | 0.014 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Dibenz(a,h)anthracene | 0.033 | U | 0.033 | 0.014 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Dibenzofuran | 0.33 | U | 0.33 | 0.011 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Diethyl phthalate | 0.33 | U | 0.33 | 0.011 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Fluoranthene | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Fluorene | 0.33 | U | 0.33 | 0.0097 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 460-1020235/1-A**
**Matrix: Solid**
**Analysis Batch: 1020312**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020235**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0070 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Hexachloroethane | 0.033 | U | 0.033 | 0.011 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Indeno[1,2,3-cd]pyrene | 0.033 | U | 0.033 | 0.013 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Isophorone | 0.13 | U | 0.13 | 0.096 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Naphthalene | 0.33 | U | 0.33 | 0.0057 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Nitrobenzene | 0.033 | U | 0.033 | 0.018 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Pentachlorophenol | 0.27 | U | 0.27 | 0.068 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Phenanthrene | 0.33 | U | 0.33 | 0.014 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Phenol | 0.33 | U | 0.33 | 0.012 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |
| Pyrene | 0.33 | U | 0.33 | 0.0082 | mg/Kg | | 02/07/25 19:33 | 02/08/25 15:48 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *70* | | *24 - 137* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |
| *2-Fluorobiphenyl* | *72* | | *38 - 128* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |
| *2-Fluorophenol (Surr)* | *72* | | *31 - 133* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *31 - 120* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |
| *Phenol-d5 (Surr)* | *72* | | *35 - 132* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |
| *Terphenyl-d14 (Surr)* | *74* | | *44 - 147* | *02/07/25 19:33* | *02/08/25 15:48* | *1* |

**Lab Sample ID: LCS 460-1020235/2-A**
**Matrix: Solid**
**Analysis Batch: 1020312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020235**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 3.33 | 2.73 | | mg/Kg | | 82 | 64 - 120 |
| 1,2,4,5-Tetrachlorobenzene | 3.33 | 2.71 | | mg/Kg | | 81 | 60 - 120 |
| 1,4-Dioxane | 3.33 | 2.24 | | mg/Kg | | 67 | 27 - 120 |
| 2,2'-oxybis[1-chloropropane] | 3.33 | 2.60 | | mg/Kg | | 78 | 46 - 126 |
| 2,3,4,6-Tetrachlorophenol | 3.33 | 2.65 | | mg/Kg | | 79 | 62 - 120 |
| 2,4,5-Trichlorophenol | 3.33 | 2.78 | | mg/Kg | | 83 | 64 - 120 |
| 2,4,6-Trichlorophenol | 3.33 | 2.75 | | mg/Kg | | 83 | 65 - 120 |
| 2,4-Dichlorophenol | 3.33 | 2.77 | | mg/Kg | | 83 | 66 - 120 |
| 2,4-Dimethylphenol | 3.33 | 3.24 | | mg/Kg | | 97 | 46 - 120 |
| 2,4-Dinitrophenol | 6.67 | 4.53 | | mg/Kg | | 68 | 41 - 129 |
| 2,4-Dinitrotoluene | 3.33 | 2.79 | | mg/Kg | | 84 | 65 - 124 |
| 2,6-Dinitrotoluene | 3.33 | 2.81 | | mg/Kg | | 84 | 67 - 121 |
| 2-Chloronaphthalene | 3.33 | 2.76 | | mg/Kg | | 83 | 64 - 120 |
| 2-Chlorophenol | 3.33 | 2.68 | | mg/Kg | | 80 | 63 - 120 |
| 2-Methylnaphthalene | 3.33 | 2.39 | | mg/Kg | | 72 | 64 - 120 |
| 2-Methylphenol | 3.33 | 2.72 | | mg/Kg | | 82 | 63 - 120 |
| 2-Nitroaniline | 3.33 | 2.62 | | mg/Kg | | 79 | 48 - 120 |
| 2-Nitrophenol | 3.33 | 2.68 | | mg/Kg | | 80 | 64 - 120 |
| 3,3'-Dichlorobenzidine | 3.33 | 1.47 | | mg/Kg | | 44 | 10 - 120 |
| 3-Nitroaniline | 3.33 | 1.92 | | mg/Kg | | 58 | 18 - 122 |
| 4,6-Dinitro-2-methylphenol | 6.67 | 5.35 | | mg/Kg | | 80 | 58 - 136 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 460-1020235/2-A**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020312**
**Prep Batch: 1020235**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4-Bromophenyl phenyl ether | 3.33 | 2.77 | | mg/Kg | | 83 | 60 - 120 |
| 4-Chloro-3-methylphenol | 3.33 | 2.66 | | mg/Kg | | 80 | 66 - 120 |
| 4-Chloroaniline | 3.33 | 1.26 | | mg/Kg | | 38 | 10 - 120 |
| 4-Chlorophenyl phenyl ether | 3.33 | 2.78 | | mg/Kg | | 83 | 62 - 120 |
| 4-Methylphenol | 3.33 | 2.65 | | mg/Kg | | 80 | 61 - 120 |
| 4-Nitroaniline | 3.33 | 2.48 | | mg/Kg | | 74 | 51 - 120 |
| 4-Nitrophenol | 6.67 | 4.73 | | mg/Kg | | 71 | 42 - 132 |
| Acenaphthene | 3.33 | 2.73 | | mg/Kg | | 82 | 65 - 120 |
| Acenaphthylene | 3.33 | 2.92 | | mg/Kg | | 88 | 64 - 120 |
| Acetophenone | 3.33 | 2.59 | | mg/Kg | | 78 | 61 - 120 |
| Anthracene | 3.33 | 2.74 | | mg/Kg | | 82 | 67 - 120 |
| Atrazine | 1.33 | 1.32 | | mg/Kg | | 99 | 32 - 150 |
| Benzaldehyde | 1.33 | 1.22 | | mg/Kg | | 92 | 28 - 150 |
| Benzo[a]anthracene | 3.33 | 2.77 | | mg/Kg | | 83 | 66 - 120 |
| Benzo[a]pyrene | 3.33 | 2.95 | | mg/Kg | | 88 | 73 - 123 |
| Benzo[b]fluoranthene | 3.33 | 2.96 | | mg/Kg | | 89 | 70 - 125 |
| Benzo[g,h,i]perylene | 3.33 | 3.13 | | mg/Kg | | 94 | 66 - 120 |
| Benzo[k]fluoranthene | 3.33 | 2.75 | | mg/Kg | | 82 | 67 - 122 |
| Bis(2-chloroethoxy)methane | 3.33 | 2.65 | | mg/Kg | | 80 | 62 - 120 |
| Bis(2-chloroethyl)ether | 3.33 | 2.63 | | mg/Kg | | 79 | 60 - 120 |
| Bis(2-ethylhexyl) phthalate | 3.33 | 2.75 | | mg/Kg | | 83 | 64 - 125 |
| Butyl benzyl phthalate | 3.33 | 2.74 | | mg/Kg | | 82 | 62 - 127 |
| Caprolactam | 1.33 | 1.33 | | mg/Kg | | 100 | 36 - 150 |
| Carbazole | 3.33 | 2.73 | | mg/Kg | | 82 | 64 - 120 |
| Chrysene | 3.33 | 2.72 | | mg/Kg | | 82 | 67 - 120 |
| Dibenz(a,h)anthracene | 3.33 | 2.90 | | mg/Kg | | 87 | 66 - 128 |
| Dibenzofuran | 3.33 | 2.71 | | mg/Kg | | 81 | 61 - 120 |
| Diethyl phthalate | 3.33 | 2.71 | | mg/Kg | | 81 | 63 - 120 |
| Dimethyl phthalate | 3.33 | 2.75 | | mg/Kg | | 82 | 65 - 120 |
| Di-n-butyl phthalate | 3.33 | 2.77 | | mg/Kg | | 83 | 66 - 120 |
| Di-n-octyl phthalate | 3.33 | 2.83 | | mg/Kg | | 85 | 61 - 123 |
| Fluoranthene | 3.33 | 2.72 | | mg/Kg | | 82 | 61 - 120 |
| Fluorene | 3.33 | 2.77 | | mg/Kg | | 83 | 64 - 120 |
| Hexachlorobenzene | 3.33 | 2.84 | | mg/Kg | | 85 | 66 - 120 |
| Hexachlorobutadiene | 3.33 | 2.68 | | mg/Kg | | 80 | 62 - 120 |
| Hexachlorocyclopentadiene | 3.33 | 3.75 | | mg/Kg | | 113 | 13 - 120 |
| Hexachloroethane | 3.33 | 2.63 | | mg/Kg | | 79 | 61 - 120 |
| Indeno[1,2,3-cd]pyrene | 3.33 | 2.96 | | mg/Kg | | 89 | 71 - 137 |
| Isophorone | 3.33 | 2.70 | | mg/Kg | | 81 | 61 - 120 |
| Naphthalene | 3.33 | 2.69 | | mg/Kg | | 81 | 63 - 120 |
| Nitrobenzene | 3.33 | 2.72 | | mg/Kg | | 82 | 63 - 120 |
| N-Nitrosodi-n-propylamine | 3.33 | 2.75 | | mg/Kg | | 83 | 56 - 120 |
| N-Nitrosodiphenylamine | 3.33 | 2.77 | | mg/Kg | | 83 | 63 - 120 |
| Pentachlorophenol | 6.67 | 5.30 | | mg/Kg | | 80 | 61 - 126 |
| Phenanthrene | 3.33 | 2.77 | | mg/Kg | | 83 | 66 - 120 |
| Phenol | 3.33 | 2.65 | | mg/Kg | | 79 | 63 - 120 |
| Pyrene | 3.33 | 2.74 | | mg/Kg | | 82 | 61 - 121 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 460-1020235/2-A**
**Matrix: Solid**
**Analysis Batch: 1020312**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020235**

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *73* | | *24 - 137* |
| *2-Fluorobiphenyl* | *72* | | *38 - 128* |
| *2-Fluorophenol (Surr)* | *74* | | *31 - 133* |
| *Nitrobenzene-d5 (Surr)* | *71* | | *31 - 120* |
| *Phenol-d5 (Surr)* | *73* | | *35 - 132* |
| *Terphenyl-d14 (Surr)* | *73* | | *44 - 147* |

**Lab Sample ID: LCSD 460-1020235/3-A**
**Matrix: Solid**
**Analysis Batch: 1020312**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1020235**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | | | 3.33 | 2.82 | | mg/Kg | | 85 | 64 - 120 | 3 | 30 |
| 1,2,4,5-Tetrachlorobenzene | | | 3.33 | 2.79 | | mg/Kg | | 84 | 60 - 120 | 3 | 30 |
| 1,4-Dioxane | | | 3.33 | 2.31 | | mg/Kg | | 69 | 27 - 120 | 3 | 30 |
| 2,2'-oxybis[1-chloropropane] | | | 3.33 | 2.65 | | mg/Kg | | 79 | 46 - 126 | 2 | 30 |
| 2,3,4,6-Tetrachlorophenol | | | 3.33 | 2.71 | | mg/Kg | | 81 | 62 - 120 | 2 | 30 |
| 2,4,5-Trichlorophenol | | | 3.33 | 2.82 | | mg/Kg | | 85 | 64 - 120 | 2 | 30 |
| 2,4,6-Trichlorophenol | | | 3.33 | 2.88 | | mg/Kg | | 86 | 65 - 120 | 4 | 30 |
| 2,4-Dichlorophenol | | | 3.33 | 2.79 | | mg/Kg | | 84 | 66 - 120 | 1 | 30 |
| 2,4-Dimethylphenol | | | 3.33 | 3.34 | | mg/Kg | | 100 | 46 - 120 | 3 | 30 |
| 2,4-Dinitrophenol | | | 6.67 | 4.77 | | mg/Kg | | 72 | 41 - 129 | 5 | 30 |
| 2,4-Dinitrotoluene | | | 3.33 | 2.93 | | mg/Kg | | 88 | 65 - 124 | 5 | 30 |
| 2,6-Dinitrotoluene | | | 3.33 | 2.87 | | mg/Kg | | 86 | 67 - 121 | 2 | 30 |
| 2-Chloronaphthalene | | | 3.33 | 2.84 | | mg/Kg | | 85 | 64 - 120 | 3 | 30 |
| 2-Chlorophenol | | | 3.33 | 2.74 | | mg/Kg | | 82 | 63 - 120 | 2 | 30 |
| 2-Methylnaphthalene | | | 3.33 | 2.50 | | mg/Kg | | 75 | 64 - 120 | 4 | 30 |
| 2-Methylphenol | | | 3.33 | 2.76 | | mg/Kg | | 83 | 63 - 120 | 1 | 30 |
| 2-Nitroaniline | | | 3.33 | 2.68 | | mg/Kg | | 81 | 48 - 120 | 2 | 30 |
| 2-Nitrophenol | | | 3.33 | 2.77 | | mg/Kg | | 83 | 64 - 120 | 3 | 30 |
| 3,3'-Dichlorobenzidine | | | 3.33 | 1.66 | | mg/Kg | | 50 | 10 - 120 | 12 | 30 |
| 3-Nitroaniline | | | 3.33 | 2.07 | | mg/Kg | | 62 | 18 - 122 | 8 | 30 |
| 4,6-Dinitro-2-methylphenol | | | 6.67 | 5.67 | | mg/Kg | | 85 | 58 - 136 | 6 | 30 |
| 4-Bromophenyl phenyl ether | | | 3.33 | 2.94 | | mg/Kg | | 88 | 60 - 120 | 6 | 30 |
| 4-Chloro-3-methylphenol | | | 3.33 | 2.71 | | mg/Kg | | 81 | 66 - 120 | 2 | 30 |
| 4-Chloroaniline | | | 3.33 | 1.45 | | mg/Kg | | 43 | 10 - 120 | 14 | 30 |
| 4-Chlorophenyl phenyl ether | | | 3.33 | 2.82 | | mg/Kg | | 85 | 62 - 120 | 2 | 30 |
| 4-Methylphenol | | | 3.33 | 2.73 | | mg/Kg | | 82 | 61 - 120 | 3 | 30 |
| 4-Nitroaniline | | | 3.33 | 2.53 | | mg/Kg | | 76 | 51 - 120 | 2 | 30 |
| 4-Nitrophenol | | | 6.67 | 5.02 | | mg/Kg | | 75 | 42 - 132 | 6 | 30 |
| Acenaphthene | | | 3.33 | 2.83 | | mg/Kg | | 85 | 65 - 120 | 3 | 30 |
| Acenaphthylene | | | 3.33 | 3.01 | | mg/Kg | | 90 | 64 - 120 | 3 | 30 |
| Acetophenone | | | 3.33 | 2.62 | | mg/Kg | | 79 | 61 - 120 | 1 | 30 |
| Anthracene | | | 3.33 | 2.86 | | mg/Kg | | 86 | 67 - 120 | 4 | 30 |
| Atrazine | | | 1.33 | 1.37 | | mg/Kg | | 103 | 32 - 150 | 4 | 30 |
| Benzaldehyde | | | 1.33 | 1.25 | | mg/Kg | | 94 | 28 - 150 | 2 | 30 |
| Benzo[a]anthracene | | | 3.33 | 2.89 | | mg/Kg | | 87 | 66 - 120 | 4 | 30 |
| Benzo[a]pyrene | | | 3.33 | 3.05 | | mg/Kg | | 92 | 73 - 123 | 3 | 30 |

## Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCSD 460-1020235/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020312**
**Prep Batch: 1020235**

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|
| Benzo[b]fluoranthene | 3.33 | 3.07 | | mg/Kg | | 92 | 70 - 125 | 4 | 30 |
| Benzo[g,h,i]perylene | 3.33 | 3.24 | | mg/Kg | | 97 | 66 - 120 | 3 | 30 |
| Benzo[k]fluoranthene | 3.33 | 2.84 | | mg/Kg | | 85 | 67 - 122 | 3 | 30 |
| Bis(2-chloroethoxy)methane | 3.33 | 2.77 | | mg/Kg | | 83 | 62 - 120 | 4 | 30 |
| Bis(2-chloroethyl)ether | 3.33 | 2.71 | | mg/Kg | | 81 | 60 - 120 | 3 | 30 |
| Bis(2-ethylhexyl) phthalate | 3.33 | 2.88 | | mg/Kg | | 86 | 64 - 125 | 5 | 30 |
| Butyl benzyl phthalate | 3.33 | 2.89 | | mg/Kg | | 87 | 62 - 127 | 5 | 30 |
| Caprolactam | 1.33 | 1.36 | | mg/Kg | | 102 | 36 - 150 | 2 | 30 |
| Carbazole | 3.33 | 2.83 | | mg/Kg | | 85 | 64 - 120 | 4 | 30 |
| Chrysene | 3.33 | 2.79 | | mg/Kg | | 84 | 67 - 120 | 3 | 30 |
| Dibenz(a,h)anthracene | 3.33 | 3.00 | | mg/Kg | | 90 | 66 - 128 | 3 | 30 |
| Dibenzofuran | 3.33 | 2.80 | | mg/Kg | | 84 | 61 - 120 | 3 | 30 |
| Diethyl phthalate | 3.33 | 2.78 | | mg/Kg | | 83 | 63 - 120 | 3 | 30 |
| Dimethyl phthalate | 3.33 | 2.83 | | mg/Kg | | 85 | 65 - 120 | 3 | 30 |
| Di-n-butyl phthalate | 3.33 | 2.88 | | mg/Kg | | 86 | 66 - 120 | 4 | 30 |
| Di-n-octyl phthalate | 3.33 | 2.97 | | mg/Kg | | 89 | 61 - 123 | 5 | 30 |
| Fluoranthene | 3.33 | 2.81 | | mg/Kg | | 84 | 61 - 120 | 3 | 30 |
| Fluorene | 3.33 | 2.83 | | mg/Kg | | 85 | 64 - 120 | 2 | 30 |
| Hexachlorobenzene | 3.33 | 2.96 | | mg/Kg | | 89 | 66 - 120 | 4 | 30 |
| Hexachlorobutadiene | 3.33 | 2.74 | | mg/Kg | | 82 | 62 - 120 | 2 | 30 |
| Hexachlorocyclopentadiene | 3.33 | 3.81 | | mg/Kg | | 114 | 13 - 120 | 1 | 30 |
| Hexachloroethane | 3.33 | 2.72 | | mg/Kg | | 81 | 61 - 120 | 3 | 30 |
| Indeno[1,2,3-cd]pyrene | 3.33 | 3.06 | | mg/Kg | | 92 | 71 - 137 | 3 | 30 |
| Isophorone | 3.33 | 2.76 | | mg/Kg | | 83 | 61 - 120 | 2 | 30 |
| Naphthalene | 3.33 | 2.73 | | mg/Kg | | 82 | 63 - 120 | 2 | 30 |
| Nitrobenzene | 3.33 | 2.81 | | mg/Kg | | 84 | 63 - 120 | 3 | 30 |
| N-Nitrosodi-n-propylamine | 3.33 | 2.85 | | mg/Kg | | 86 | 56 - 120 | 4 | 30 |
| N-Nitrosodiphenylamine | 3.33 | 2.85 | | mg/Kg | | 86 | 63 - 120 | 3 | 30 |
| Pentachlorophenol | 6.67 | 5.42 | | mg/Kg | | 81 | 61 - 126 | 2 | 30 |
| Phenanthrene | 3.33 | 2.83 | | mg/Kg | | 85 | 66 - 120 | 2 | 30 |
| Phenol | 3.33 | 2.71 | | mg/Kg | | 81 | 63 - 120 | 2 | 30 |
| Pyrene | 3.33 | 2.85 | | mg/Kg | | 86 | 61 - 121 | 4 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *77* | | *24 - 137* |
| *2-Fluorobiphenyl* | *73* | | *38 - 128* |
| *2-Fluorophenol (Surr)* | *77* | | *31 - 133* |
| *Nitrobenzene-d5 (Surr)* | *72* | | *31 - 120* |
| *Phenol-d5 (Surr)* | *75* | | *35 - 132* |
| *Terphenyl-d14 (Surr)* | *76* | | *44 - 147* |

## Method: 8081B - Organochlorine Pesticides (GC)

**Lab Sample ID: MB 460-1019984/1-A**
**Client Sample ID: Method Blank**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020038**
**Prep Batch: 1019984**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 460-1019984/1-A**
**Matrix: Solid**
**Analysis Batch: 1020038**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1019984**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| 4,4'-DDT | 0.0067 | U | 0.0067 | 0.0012 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| 4,4'-DDT | 0.0067 | U | 0.0067 | 0.0012 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Aldrin | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Aldrin | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00075 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| beta-BHC | 0.0020 | U | 0.0020 | 0.00075 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Chlordane (technical) | 0.067 | U | 0.067 | 0.016 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Chlordane (technical) | 0.067 | U | 0.067 | 0.016 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| delta-BHC | 0.0020 | U | 0.0020 | 0.00041 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00087 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Dieldrin | 0.0020 | U | 0.0020 | 0.00087 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin | 0.0067 | U | 0.0067 | 0.00096 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin | 0.0067 | U | 0.0067 | 0.00096 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Heptachlor | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Heptachlor | 0.0067 | U | 0.0067 | 0.00079 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Toxaphene | 0.067 | U | 0.067 | 0.024 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |
| Toxaphene | 0.067 | U | 0.067 | 0.024 | mg/Kg | | 02/06/25 15:57 | 02/07/25 03:49 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *86* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 03:49* | *1* |
| *DCB Decachlorobiphenyl* | *96* | | *17 - 150* | *02/06/25 15:57* | *02/07/25 03:49* | *1* |
| *Tetrachloro-m-xylene* | *80* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 03:49* | *1* |
| *Tetrachloro-m-xylene* | *83* | | *21 - 150* | *02/06/25 15:57* | *02/07/25 03:49* | *1* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 460-1019984/2-A**
**Matrix: Solid**
**Analysis Batch: 1020038**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1019984**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | | | 0.133 | 0.0999 | | mg/Kg | | 75 | 70 - 138 | | |
| 4,4'-DDD | | | 0.133 | 0.115 | | mg/Kg | | 87 | 70 - 138 | | |
| 4,4'-DDE | | | 0.133 | 0.115 | | mg/Kg | | 86 | 68 - 136 | | |
| 4,4'-DDE | | | 0.133 | 0.118 | | mg/Kg | | 88 | 68 - 136 | | |
| 4,4'-DDT | | | 0.133 | 0.113 | | mg/Kg | | 85 | 66 - 149 | | |
| 4,4'-DDT | | | 0.133 | 0.116 | | mg/Kg | | 87 | 66 - 149 | | |
| Aldrin | | | 0.133 | 0.110 | | mg/Kg | | 82 | 69 - 136 | | |
| Aldrin | | | 0.133 | 0.110 | | mg/Kg | | 83 | 69 - 136 | | |
| alpha-BHC | | | 0.133 | 0.119 | | mg/Kg | | 89 | 72 - 134 | | |
| alpha-BHC | | | 0.133 | 0.116 | | mg/Kg | | 87 | 72 - 134 | | |
| beta-BHC | | | 0.133 | 0.116 | | mg/Kg | | 87 | 71 - 130 | | |
| beta-BHC | | | 0.133 | 0.111 | | mg/Kg | | 83 | 71 - 130 | | |
| delta-BHC | | | 0.133 | 0.110 | | mg/Kg | | 83 | 69 - 140 | | |
| delta-BHC | | | 0.133 | 0.112 | | mg/Kg | | 84 | 69 - 140 | | |
| Dieldrin | | | 0.133 | 0.114 | | mg/Kg | | 86 | 69 - 134 | | |
| Dieldrin | | | 0.133 | 0.116 | | mg/Kg | | 87 | 69 - 134 | | |
| Endosulfan I | | | 0.133 | 0.117 | | mg/Kg | | 88 | 69 - 133 | | |
| Endosulfan I | | | 0.133 | 0.120 | | mg/Kg | | 90 | 69 - 133 | | |
| Endosulfan II | | | 0.133 | 0.116 | | mg/Kg | | 87 | 71 - 137 | | |
| Endosulfan II | | | 0.133 | 0.123 | | mg/Kg | | 92 | 71 - 137 | | |
| Endosulfan sulfate | | | 0.133 | 0.110 | | mg/Kg | | 83 | 61 - 140 | | |
| Endosulfan sulfate | | | 0.133 | 0.107 | | mg/Kg | | 80 | 61 - 140 | | |
| Endrin | | | 0.133 | 0.107 | | mg/Kg | | 81 | 67 - 141 | | |
| Endrin | | | 0.133 | 0.111 | | mg/Kg | | 83 | 67 - 141 | | |
| Endrin aldehyde | | | 0.133 | 0.110 | | mg/Kg | | 82 | 71 - 136 | | |
| Endrin aldehyde | | | 0.133 | 0.113 | | mg/Kg | | 85 | 71 - 136 | | |
| Endrin ketone | | | 0.133 | 0.114 | | mg/Kg | | 86 | 60 - 146 | | |
| Endrin ketone | | | 0.133 | 0.113 | | mg/Kg | | 85 | 60 - 146 | | |
| gamma-BHC (Lindane) | | | 0.133 | 0.116 | | mg/Kg | | 87 | 72 - 139 | | |
| gamma-BHC (Lindane) | | | 0.133 | 0.114 | | mg/Kg | | 85 | 72 - 139 | | |
| Heptachlor | | | 0.133 | 0.115 | | mg/Kg | | 86 | 74 - 138 | | |
| Heptachlor | | | 0.133 | 0.113 | | mg/Kg | | 85 | 74 - 138 | | |
| Heptachlor epoxide | | | 0.133 | 0.113 | | mg/Kg | | 85 | 72 - 134 | | |
| Heptachlor epoxide | | | 0.133 | 0.112 | | mg/Kg | | 84 | 72 - 134 | | |
| Methoxychlor | | | 0.133 | 0.110 | | mg/Kg | | 83 | 60 - 150 | | |
| Methoxychlor | | | 0.133 | 0.116 | | mg/Kg | | 87 | 60 - 150 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *66* | | *17 - 150* |
| *DCB Decachlorobiphenyl* | *69* | | *17 - 150* |
| *Tetrachloro-m-xylene* | *63* | | *21 - 150* |
| *Tetrachloro-m-xylene* | *67* | | *21 - 150* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 460-1019984/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020038**
**Prep Batch: 1019984**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | | | 0.133 | 0.101 | | mg/Kg | | 76 | 70 - 138 | 1 | 30 |
| 4,4'-DDD | | | 0.133 | 0.116 | | mg/Kg | | 87 | 70 - 138 | 1 | 30 |
| 4,4'-DDE | | | 0.133 | 0.116 | | mg/Kg | | 87 | 68 - 136 | 1 | 30 |
| 4,4'-DDE | | | 0.133 | 0.120 | | mg/Kg | | 90 | 68 - 136 | 2 | 30 |
| 4,4'-DDT | | | 0.133 | 0.115 | | mg/Kg | | 87 | 66 - 149 | 2 | 30 |
| 4,4'-DDT | | | 0.133 | 0.119 | | mg/Kg | | 89 | 66 - 149 | 2 | 30 |
| Aldrin | | | 0.133 | 0.111 | | mg/Kg | | 83 | 69 - 136 | 1 | 30 |
| Aldrin | | | 0.133 | 0.111 | | mg/Kg | | 84 | 69 - 136 | 1 | 30 |
| alpha-BHC | | | 0.133 | 0.121 | | mg/Kg | | 91 | 72 - 134 | 2 | 30 |
| alpha-BHC | | | 0.133 | 0.117 | | mg/Kg | | 88 | 72 - 134 | 1 | 30 |
| beta-BHC | | | 0.133 | 0.118 | | mg/Kg | | 89 | 71 - 130 | 2 | 30 |
| beta-BHC | | | 0.133 | 0.112 | | mg/Kg | | 84 | 71 - 130 | 1 | 30 |
| delta-BHC | | | 0.133 | 0.113 | | mg/Kg | | 84 | 69 - 140 | 2 | 30 |
| delta-BHC | | | 0.133 | 0.114 | | mg/Kg | | 86 | 69 - 140 | 2 | 30 |
| Dieldrin | | | 0.133 | 0.115 | | mg/Kg | | 86 | 69 - 134 | 1 | 30 |
| Dieldrin | | | 0.133 | 0.117 | | mg/Kg | | 88 | 69 - 134 | 1 | 30 |
| Endosulfan I | | | 0.133 | 0.118 | | mg/Kg | | 88 | 69 - 133 | 1 | 30 |
| Endosulfan I | | | 0.133 | 0.123 | | mg/Kg | | 92 | 69 - 133 | 2 | 30 |
| Endosulfan II | | | 0.133 | 0.117 | | mg/Kg | | 88 | 71 - 137 | 1 | 30 |
| Endosulfan II | | | 0.133 | 0.123 | | mg/Kg | | 93 | 71 - 137 | 0 | 30 |
| Endosulfan sulfate | | | 0.133 | 0.112 | | mg/Kg | | 84 | 61 - 140 | 1 | 30 |
| Endosulfan sulfate | | | 0.133 | 0.109 | | mg/Kg | | 82 | 61 - 140 | 2 | 30 |
| Endrin | | | 0.133 | 0.109 | | mg/Kg | | 81 | 67 - 141 | 1 | 30 |
| Endrin | | | 0.133 | 0.112 | | mg/Kg | | 84 | 67 - 141 | 1 | 30 |
| Endrin aldehyde | | | 0.133 | 0.111 | | mg/Kg | | 83 | 71 - 136 | 1 | 30 |
| Endrin aldehyde | | | 0.133 | 0.115 | | mg/Kg | | 86 | 71 - 136 | 1 | 30 |
| Endrin ketone | | | 0.133 | 0.117 | | mg/Kg | | 88 | 60 - 146 | 2 | 30 |
| Endrin ketone | | | 0.133 | 0.115 | | mg/Kg | | 86 | 60 - 146 | 1 | 30 |
| gamma-BHC (Lindane) | | | 0.133 | 0.118 | | mg/Kg | | 89 | 72 - 139 | 2 | 30 |
| gamma-BHC (Lindane) | | | 0.133 | 0.115 | | mg/Kg | | 86 | 72 - 139 | 1 | 30 |
| Heptachlor | | | 0.133 | 0.116 | | mg/Kg | | 87 | 74 - 138 | 1 | 30 |
| Heptachlor | | | 0.133 | 0.114 | | mg/Kg | | 86 | 74 - 138 | 1 | 30 |
| Heptachlor epoxide | | | 0.133 | 0.114 | | mg/Kg | | 85 | 72 - 134 | 0 | 30 |
| Heptachlor epoxide | | | 0.133 | 0.113 | | mg/Kg | | 85 | 72 - 134 | 1 | 30 |
| Methoxychlor | | | 0.133 | 0.114 | | mg/Kg | | 86 | 60 - 150 | 4 | 30 |
| Methoxychlor | | | 0.133 | 0.118 | | mg/Kg | | 89 | 60 - 150 | 2 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *74* | | *17 - 150* |
| *DCB Decachlorobiphenyl* | *81* | | *17 - 150* |
| *Tetrachloro-m-xylene* | *69* | | *21 - 150* |
| *Tetrachloro-m-xylene* | *73* | | *21 - 150* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 160-57053-E-2-D MS**
**Matrix: Solid**
**Analysis Batch: 1020038**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 1019984**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0097 | U | 0.193 | 0.187 | | mg/Kg | ☼ | 97 | 70 - 138 |
| 4,4'-DDD | 0.0097 | U | 0.193 | 0.199 | | mg/Kg | ☼ | 104 | 70 - 138 |
| 4,4'-DDE | 0.0097 | U | 0.193 | 0.166 | | mg/Kg | ☼ | 86 | 68 - 136 |
| 4,4'-DDE | 0.0097 | U | 0.193 | 0.188 | | mg/Kg | ☼ | 98 | 68 - 136 |
| 4,4'-DDT | 0.0076 | J | 0.193 | 0.204 | | mg/Kg | ☼ | 102 | 66 - 149 |
| 4,4'-DDT | 0.0093 | J | 0.193 | 0.224 | | mg/Kg | ☼ | 111 | 66 - 149 |
| Aldrin | 0.0097 | U | 0.193 | 0.161 | | mg/Kg | ☼ | 84 | 69 - 136 |
| Aldrin | 0.0097 | U | 0.193 | 0.185 | | mg/Kg | ☼ | 96 | 69 - 136 |
| alpha-BHC | 0.0029 | U | 0.193 | 0.184 | | mg/Kg | ☼ | 96 | 72 - 134 |
| alpha-BHC | 0.0029 | U | 0.193 | 0.194 | | mg/Kg | ☼ | 101 | 72 - 134 |
| beta-BHC | 0.0029 | U | 0.193 | 0.171 | | mg/Kg | ☼ | 89 | 71 - 130 |
| beta-BHC | 0.0029 | U | 0.193 | 0.173 | | mg/Kg | ☼ | 90 | 71 - 130 |
| delta-BHC | 0.0029 | U | 0.193 | 0.180 | | mg/Kg | ☼ | 93 | 69 - 140 |
| delta-BHC | 0.0029 | U | 0.193 | 0.195 | | mg/Kg | ☼ | 101 | 69 - 140 |
| Dieldrin | 0.0029 | U | 0.193 | 0.186 | | mg/Kg | ☼ | 96 | 69 - 134 |
| Dieldrin | 0.0029 | U | 0.193 | 0.202 | | mg/Kg | ☼ | 105 | 69 - 134 |
| Endosulfan I | 0.0097 | U | 0.193 | 0.187 | | mg/Kg | ☼ | 97 | 69 - 133 |
| Endosulfan I | 0.0097 | U | 0.193 | 0.203 | | mg/Kg | ☼ | 106 | 69 - 133 |
| Endosulfan II | 0.0097 | U | 0.193 | 0.175 | | mg/Kg | ☼ | 91 | 71 - 137 |
| Endosulfan II | 0.0097 | U | 0.193 | 0.214 | | mg/Kg | ☼ | 111 | 71 - 137 |
| Endosulfan sulfate | 0.0097 | U | 0.193 | 0.189 | | mg/Kg | ☼ | 98 | 61 - 140 |
| Endosulfan sulfate | 0.0097 | U | 0.193 | 0.191 | | mg/Kg | ☼ | 99 | 61 - 140 |
| Endrin | 0.0097 | U | 0.193 | 0.178 | | mg/Kg | ☼ | 93 | 67 - 141 |
| Endrin | 0.0097 | U | 0.193 | 0.196 | | mg/Kg | ☼ | 102 | 67 - 141 |
| Endrin aldehyde | 0.0097 | U | 0.193 | 0.181 | | mg/Kg | ☼ | 94 | 71 - 136 |
| Endrin aldehyde | 0.0097 | U | 0.193 | 0.194 | | mg/Kg | ☼ | 101 | 71 - 136 |
| Endrin ketone | 0.0097 | U | 0.193 | 0.194 | | mg/Kg | ☼ | 101 | 60 - 146 |
| Endrin ketone | 0.0097 | U | 0.193 | 0.201 | | mg/Kg | ☼ | 104 | 60 - 146 |
| gamma-BHC (Lindane) | 0.0029 | U | 0.193 | 0.195 | | mg/Kg | ☼ | 101 | 72 - 139 |
| gamma-BHC (Lindane) | 0.0029 | U | 0.193 | 0.199 | | mg/Kg | ☼ | 103 | 72 - 139 |
| Heptachlor | 0.0097 | U | 0.193 | 0.185 | | mg/Kg | ☼ | 96 | 74 - 138 |
| Heptachlor | 0.0097 | U | 0.193 | 0.190 | | mg/Kg | ☼ | 99 | 74 - 138 |
| Heptachlor epoxide | 0.0097 | U | 0.193 | 0.178 | | mg/Kg | ☼ | 92 | 72 - 134 |
| Heptachlor epoxide | 0.0097 | U | 0.193 | 0.189 | | mg/Kg | ☼ | 98 | 72 - 134 |
| Methoxychlor | 0.0097 | U | 0.193 | 0.216 | | mg/Kg | ☼ | 112 | 60 - 150 |
| Methoxychlor | 0.0097 | U | 0.193 | 0.230 | | mg/Kg | ☼ | 119 | 60 - 150 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *105* | | *17 - 150* |
| *DCB Decachlorobiphenyl* | *102* | | *17 - 150* |
| *Tetrachloro-m-xylene* | *79* | | *21 - 150* |
| *Tetrachloro-m-xylene* | *82* | | *21 - 150* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: 160-57053-E-2-E MSD**
**Matrix: Solid**
**Analysis Batch: 1020038**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 1019984**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.0097 | U | 0.193 | 0.175 | | mg/Kg | ☼ | 91 | 70 - 138 | 7 | 30 |
| 4,4'-DDD | 0.0097 | U | 0.193 | 0.188 | | mg/Kg | ☼ | 98 | 70 - 138 | 6 | 30 |
| 4,4'-DDE | 0.0097 | U | 0.193 | 0.158 | | mg/Kg | ☼ | 82 | 68 - 136 | 5 | 30 |
| 4,4'-DDE | 0.0097 | U | 0.193 | 0.178 | | mg/Kg | ☼ | 92 | 68 - 136 | 5 | 30 |
| 4,4'-DDT | 0.0076 | J | 0.193 | 0.193 | | mg/Kg | ☼ | 96 | 66 - 149 | 5 | 30 |
| 4,4'-DDT | 0.0093 | J | 0.193 | 0.212 | | mg/Kg | ☼ | 105 | 66 - 149 | 6 | 30 |
| Aldrin | 0.0097 | U | 0.193 | 0.153 | | mg/Kg | ☼ | 79 | 69 - 136 | 5 | 30 |
| Aldrin | 0.0097 | U | 0.193 | 0.174 | | mg/Kg | ☼ | 90 | 69 - 136 | 6 | 30 |
| alpha-BHC | 0.0029 | U | 0.193 | 0.173 | | mg/Kg | ☼ | 90 | 72 - 134 | 6 | 30 |
| alpha-BHC | 0.0029 | U | 0.193 | 0.182 | | mg/Kg | ☼ | 95 | 72 - 134 | 6 | 30 |
| beta-BHC | 0.0029 | U | 0.193 | 0.160 | | mg/Kg | ☼ | 83 | 71 - 130 | 7 | 30 |
| beta-BHC | 0.0029 | U | 0.193 | 0.162 | | mg/Kg | ☼ | 84 | 71 - 130 | 7 | 30 |
| delta-BHC | 0.0029 | U | 0.193 | 0.170 | | mg/Kg | ☼ | 88 | 69 - 140 | 6 | 30 |
| delta-BHC | 0.0029 | U | 0.193 | 0.185 | | mg/Kg | ☼ | 96 | 69 - 140 | 6 | 30 |
| Dieldrin | 0.0029 | U | 0.193 | 0.176 | | mg/Kg | ☼ | 91 | 69 - 134 | 5 | 30 |
| Dieldrin | 0.0029 | U | 0.193 | 0.191 | | mg/Kg | ☼ | 99 | 69 - 134 | 6 | 30 |
| Endosulfan I | 0.0097 | U | 0.193 | 0.176 | | mg/Kg | ☼ | 91 | 69 - 133 | 6 | 30 |
| Endosulfan I | 0.0097 | U | 0.193 | 0.192 | | mg/Kg | ☼ | 100 | 69 - 133 | 6 | 30 |
| Endosulfan II | 0.0097 | U | 0.193 | 0.164 | | mg/Kg | ☼ | 85 | 71 - 137 | 7 | 30 |
| Endosulfan II | 0.0097 | U | 0.193 | 0.202 | | mg/Kg | ☼ | 105 | 71 - 137 | 6 | 30 |
| Endosulfan sulfate | 0.0097 | U | 0.193 | 0.178 | | mg/Kg | ☼ | 92 | 61 - 140 | 6 | 30 |
| Endosulfan sulfate | 0.0097 | U | 0.193 | 0.180 | | mg/Kg | ☼ | 93 | 61 - 140 | 6 | 30 |
| Endrin | 0.0097 | U | 0.193 | 0.169 | | mg/Kg | ☼ | 88 | 67 - 141 | 5 | 30 |
| Endrin | 0.0097 | U | 0.193 | 0.185 | | mg/Kg | ☼ | 96 | 67 - 141 | 5 | 30 |
| Endrin aldehyde | 0.0097 | U | 0.193 | 0.170 | | mg/Kg | ☼ | 88 | 71 - 136 | 6 | 30 |
| Endrin aldehyde | 0.0097 | U | 0.193 | 0.183 | | mg/Kg | ☼ | 95 | 71 - 136 | 6 | 30 |
| Endrin ketone | 0.0097 | U | 0.193 | 0.182 | | mg/Kg | ☼ | 94 | 60 - 146 | 6 | 30 |
| Endrin ketone | 0.0097 | U | 0.193 | 0.189 | | mg/Kg | ☼ | 98 | 60 - 146 | 6 | 30 |
| gamma-BHC (Lindane) | 0.0029 | U | 0.193 | 0.183 | | mg/Kg | ☼ | 95 | 72 - 139 | 7 | 30 |
| gamma-BHC (Lindane) | 0.0029 | U | 0.193 | 0.187 | | mg/Kg | ☼ | 97 | 72 - 139 | 6 | 30 |
| Heptachlor | 0.0097 | U | 0.193 | 0.174 | | mg/Kg | ☼ | 90 | 74 - 138 | 6 | 30 |
| Heptachlor | 0.0097 | U | 0.193 | 0.179 | | mg/Kg | ☼ | 93 | 74 - 138 | 6 | 30 |
| Heptachlor epoxide | 0.0097 | U | 0.193 | 0.167 | | mg/Kg | ☼ | 87 | 72 - 134 | 6 | 30 |
| Heptachlor epoxide | 0.0097 | U | 0.193 | 0.179 | | mg/Kg | ☼ | 93 | 72 - 134 | 6 | 30 |
| Methoxychlor | 0.0097 | U | 0.193 | 0.201 | | mg/Kg | ☼ | 104 | 60 - 150 | 7 | 30 |
| Methoxychlor | 0.0097 | U | 0.193 | 0.218 | | mg/Kg | ☼ | 113 | 60 - 150 | 6 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *90* | | *17 - 150* |
| *DCB Decachlorobiphenyl* | *94* | | *17 - 150* |
| *Tetrachloro-m-xylene* | *72* | | *21 - 150* |
| *Tetrachloro-m-xylene* | *75* | | *21 - 150* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: MB 460-1020298/1-A**
**Matrix: Water**
**Analysis Batch: 1020347**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020298**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Aldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Aldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| alpha-BHC | 0.020 | U | 0.020 | 0.0070 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| alpha-BHC | 0.020 | U | 0.020 | 0.0070 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| beta-BHC | 0.020 | U | 0.020 | 0.015 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| beta-BHC | 0.020 | U | 0.020 | 0.015 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Chlordane (technical) | 0.20 | U | 0.20 | 0.055 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Chlordane (technical) | 0.20 | U | 0.20 | 0.055 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| delta-BHC | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| delta-BHC | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Dieldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Dieldrin | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan I | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan I | 0.020 | U | 0.020 | 0.0020 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan II | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan II | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin ketone | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Endrin ketone | 0.020 | U | 0.020 | 0.0080 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Heptachlor | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Heptachlor | 0.020 | U | 0.020 | 0.0030 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Methoxychlor | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Methoxychlor | 0.020 | U | 0.020 | 0.0040 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Toxaphene | 0.50 | U | 0.50 | 0.11 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |
| Toxaphene | 0.50 | U | 0.50 | 0.11 | ug/L | | 02/08/25 13:47 | 02/09/25 09:16 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *63* | | *30 - 131* | *02/08/25 13:47* | *02/09/25 09:16* | *1* |
| *DCB Decachlorobiphenyl* | *57* | | *30 - 131* | *02/08/25 13:47* | *02/09/25 09:16* | *1* |
| *Tetrachloro-m-xylene* | *95* | | *34 - 120* | *02/08/25 13:47* | *02/09/25 09:16* | *1* |
| *Tetrachloro-m-xylene* | *88* | | *34 - 120* | *02/08/25 13:47* | *02/09/25 09:16* | *1* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCS 460-1020298/2-A**
**Matrix: Water**
**Analysis Batch: 1020347**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020298**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.800 | 0.894 | | ug/L | | 112 | 69 - 138 |
| 4,4'-DDD | 0.800 | 0.915 | | ug/L | | 114 | 69 - 138 |
| 4,4'-DDE | 0.800 | 0.956 | | ug/L | | 120 | 68 - 130 |
| 4,4'-DDE | 0.800 | 0.932 | | ug/L | | 117 | 68 - 130 |
| 4,4'-DDT | 0.800 | 0.846 | | ug/L | | 106 | 57 - 1505 |
| 4,4'-DDT | 0.800 | 0.940 | | ug/L | | 118 | 57 - 1505 |
| Aldrin | 0.800 | 0.938 | | ug/L | | 117 | 67 - 129 |
| Aldrin | 0.800 | 0.941 | | ug/L | | 118 | 67 - 129 |
| alpha-BHC | 0.800 | 0.959 | | ug/L | | 120 | 70 - 125 |
| alpha-BHC | 0.800 | 0.957 | | ug/L | | 120 | 70 - 125 |
| beta-BHC | 0.800 | 0.945 | | ug/L | | 118 | 70 - 129 |
| beta-BHC | 0.800 | 0.925 | | ug/L | | 116 | 70 - 129 |
| delta-BHC | 0.800 | 0.871 | | ug/L | | 109 | 44 - 120 |
| delta-BHC | 0.800 | 0.875 | | ug/L | | 109 | 44 - 120 |
| Dieldrin | 0.800 | 0.949 | | ug/L | | 119 | 72 - 128 |
| Dieldrin | 0.800 | 0.951 | | ug/L | | 119 | 72 - 128 |
| Endosulfan I | 0.800 | 0.970 | | ug/L | | 121 | 73 - 127 |
| Endosulfan I | 0.800 | 0.970 | | ug/L | | 121 | 73 - 127 |
| Endosulfan II | 0.800 | 1.01 | | ug/L | | 127 | 73 - 134 |
| Endosulfan II | 0.800 | 0.985 | | ug/L | | 123 | 73 - 134 |
| Endosulfan sulfate | 0.800 | 0.863 | | ug/L | | 108 | 61 - 128 |
| Endosulfan sulfate | 0.800 | 0.876 | | ug/L | | 110 | 61 - 128 |
| Endrin | 0.800 | 0.849 | | ug/L | | 106 | 64 - 138 |
| Endrin | 0.800 | 0.926 | | ug/L | | 116 | 64 - 138 |
| Endrin aldehyde | 0.800 | 0.938 | | ug/L | | 117 | 74 - 133 |
| Endrin aldehyde | 0.800 | 0.938 | | ug/L | | 117 | 74 - 133 |
| Endrin ketone | 0.800 | 0.948 | | ug/L | | 119 | 56 - 150 |
| Endrin ketone | 0.800 | 0.909 | | ug/L | | 114 | 56 - 150 |
| gamma-BHC (Lindane) | 0.800 | 0.959 | | ug/L | | 120 | 73 - 132 |
| gamma-BHC (Lindane) | 0.800 | 0.961 | | ug/L | | 120 | 73 - 132 |
| Heptachlor | 0.800 | 0.960 | | ug/L | | 120 | 70 - 134 |
| Heptachlor | 0.800 | 0.974 | | ug/L | | 122 | 70 - 134 |
| Heptachlor epoxide | 0.800 | 0.962 | | ug/L | | 120 | 75 - 126 |
| Heptachlor epoxide | 0.800 | 0.962 | | ug/L | | 120 | 75 - 126 |
| Methoxychlor | 0.800 | 0.788 | | ug/L | | 99 | 49 - 150 |
| Methoxychlor | 0.800 | 0.924 | | ug/L | | 116 | 49 - 150 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *56* | | *30 - 131* |
| *DCB Decachlorobiphenyl* | *55* | | *30 - 131* |
| *Tetrachloro-m-xylene* | *92* | | *34 - 120* |
| *Tetrachloro-m-xylene* | *91* | | *34 - 120* |

## Method: 8081B - Organochlorine Pesticides (GC) (Continued)

**Lab Sample ID: LCSD 460-1020298/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Water**
**Prep Type: Total/NA**
**Analysis Batch: 1020347**
**Prep Batch: 1020298**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4,4'-DDD | | | 0.800 | 0.890 | | ug/L | | 111 | 69 - 138 | 0 | 30 |
| 4,4'-DDD | | | 0.800 | 0.932 | | ug/L | | 116 | 69 - 138 | 2 | 30 |
| 4,4'-DDE | | | 0.800 | 0.950 | | ug/L | | 119 | 68 - 130 | 1 | 30 |
| 4,4'-DDE | | | 0.800 | 0.961 | | ug/L | | 120 | 68 - 130 | 3 | 30 |
| 4,4'-DDT | | | 0.800 | 0.827 | | ug/L | | 103 | 57 - 1505 | 2 | 30 |
| 4,4'-DDT | | | 0.800 | 0.953 | | ug/L | | 119 | 57 - 1505 | 1 | 30 |
| Aldrin | | | 0.800 | 0.933 | | ug/L | | 117 | 67 - 129 | 1 | 30 |
| Aldrin | | | 0.800 | 0.971 | | ug/L | | 121 | 67 - 129 | 3 | 30 |
| alpha-BHC | | | 0.800 | 0.947 | | ug/L | | 118 | 70 - 125 | 1 | 30 |
| alpha-BHC | | | 0.800 | 0.981 | | ug/L | | 123 | 70 - 125 | 3 | 30 |
| beta-BHC | | | 0.800 | 0.932 | | ug/L | | 116 | 70 - 129 | 1 | 30 |
| beta-BHC | | | 0.800 | 0.948 | | ug/L | | 119 | 70 - 129 | 2 | 30 |
| delta-BHC | | | 0.800 | 0.856 | | ug/L | | 107 | 44 - 120 | 2 | 30 |
| delta-BHC | | | 0.800 | 0.899 | | ug/L | | 112 | 44 - 120 | 3 | 30 |
| Dieldrin | | | 0.800 | 0.947 | | ug/L | | 118 | 72 - 128 | 0 | 30 |
| Dieldrin | | | 0.800 | 0.977 | | ug/L | | 122 | 72 - 128 | 3 | 30 |
| Endosulfan I | | | 0.800 | 0.966 | | ug/L | | 121 | 73 - 127 | 0 | 30 |
| Endosulfan I | | | 0.800 | 0.995 | | ug/L | | 124 | 73 - 127 | 3 | 30 |
| Endosulfan II | | | 0.800 | 1.03 | | ug/L | | 128 | 73 - 134 | 1 | 30 |
| Endosulfan II | | | 0.800 | 1.01 | | ug/L | | 126 | 73 - 134 | 3 | 30 |
| Endosulfan sulfate | | | 0.800 | 0.869 | | ug/L | | 109 | 61 - 128 | 1 | 30 |
| Endosulfan sulfate | | | 0.800 | 0.893 | | ug/L | | 112 | 61 - 128 | 2 | 30 |
| Endrin | | | 0.800 | 0.832 | | ug/L | | 104 | 64 - 138 | 2 | 30 |
| Endrin | | | 0.800 | 0.944 | | ug/L | | 118 | 64 - 138 | 2 | 30 |
| Endrin aldehyde | | | 0.800 | 0.956 | | ug/L | | 120 | 74 - 133 | 2 | 30 |
| Endrin aldehyde | | | 0.800 | 0.951 | | ug/L | | 119 | 74 - 133 | 1 | 30 |
| Endrin ketone | | | 0.800 | 0.965 | | ug/L | | 121 | 56 - 150 | 2 | 30 |
| Endrin ketone | | | 0.800 | 0.928 | | ug/L | | 116 | 56 - 150 | 2 | 30 |
| gamma-BHC (Lindane) | | | 0.800 | 0.943 | | ug/L | | 118 | 73 - 132 | 2 | 30 |
| gamma-BHC (Lindane) | | | 0.800 | 0.989 | | ug/L | | 124 | 73 - 132 | 3 | 30 |
| Heptachlor | | | 0.800 | 0.948 | | ug/L | | 118 | 70 - 134 | 1 | 30 |
| Heptachlor | | | 0.800 | 1.01 | | ug/L | | 126 | 70 - 134 | 3 | 30 |
| Heptachlor epoxide | | | 0.800 | 0.951 | | ug/L | | 119 | 75 - 126 | 1 | 30 |
| Heptachlor epoxide | | | 0.800 | 0.995 | | ug/L | | 124 | 75 - 126 | 3 | 30 |
| Methoxychlor | | | 0.800 | 0.754 | | ug/L | | 94 | 49 - 150 | 4 | 30 |
| Methoxychlor | | | 0.800 | 0.923 | | ug/L | | 115 | 49 - 150 | 0 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *58* | | *30 - 131* |
| *DCB Decachlorobiphenyl* | *57* | | *30 - 131* |
| *Tetrachloro-m-xylene* | *92* | | *34 - 120* |
| *Tetrachloro-m-xylene* | *94* | | *34 - 120* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

**Lab Sample ID: MB 460-1019976/1-A**
**Matrix: Solid**
**Analysis Batch: 1020184**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1019976**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1016 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1221 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1221 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1232 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1232 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1242 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1242 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1248 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1248 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1254 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1254 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1260 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1260 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor-1262 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor-1262 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1268 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Aroclor 1268 | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |
| Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 | mg/Kg | | 02/06/25 15:37 | 02/07/25 15:33 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *99* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 15:33* | *1* |
| *DCB Decachlorobiphenyl* | *106* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 15:33* | *1* |
| *Tetrachloro-m-xylene* | *93* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 15:33* | *1* |
| *Tetrachloro-m-xylene* | *94* | | *20 - 150* | *02/06/25 15:37* | *02/07/25 15:33* | *1* |

**Lab Sample ID: LCS 460-1019976/2-A**
**Matrix: Solid**
**Analysis Batch: 1020184**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1019976**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | | | 0.333 | 0.341 | | mg/Kg | | 102 | 54 - 136 | | |
| Aroclor 1016 | | | 0.333 | 0.321 | | mg/Kg | | 96 | 54 - 136 | | |
| Aroclor 1260 | | | 0.333 | 0.355 | | mg/Kg | | 106 | 53 - 145 | | |
| Aroclor 1260 | | | 0.333 | 0.379 | | mg/Kg | | 114 | 53 - 145 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *100* | | *20 - 150* |
| *DCB Decachlorobiphenyl* | *106* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *96* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *98* | | *20 - 150* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCSD 460-1019976/3-A**
**Client Sample ID: Lab Control Sample Dup**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020184**
**Prep Batch: 1019976**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | | | 0.333 | 0.339 | | mg/Kg | | 102 | 54 - 136 | 0 | 30 |
| Aroclor 1016 | | | 0.333 | 0.332 | | mg/Kg | | 100 | 54 - 136 | 3 | 30 |
| Aroclor 1260 | | | 0.333 | 0.358 | | mg/Kg | | 107 | 53 - 145 | 1 | 30 |
| Aroclor 1260 | | | 0.333 | 0.360 | | mg/Kg | | 108 | 53 - 145 | 5 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *99* | | *20 - 150* |
| *DCB Decachlorobiphenyl* | *102* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *94* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *95* | | *20 - 150* |

**Lab Sample ID: 160-57053-E-2-A MS**
**Client Sample ID: Matrix Spike**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020184**
**Prep Batch: 1019976**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.097 | U | 0.482 | 0.490 | | mg/Kg | ☼ | 102 | 54 - 136 |
| Aroclor 1016 | 0.097 | U | 0.482 | 0.518 | | mg/Kg | ☼ | 107 | 54 - 136 |
| Aroclor 1260 | 0.097 | U | 0.482 | 0.577 | | mg/Kg | ☼ | 120 | 53 - 145 |
| Aroclor 1260 | 0.097 | U | 0.482 | 0.587 | | mg/Kg | ☼ | 122 | 53 - 145 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *96* | | *20 - 150* |
| *DCB Decachlorobiphenyl* | *121* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *78* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *78* | | *20 - 150* |

**Lab Sample ID: 160-57053-E-2-B MSD**
**Client Sample ID: Matrix Spike Duplicate**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020184**
**Prep Batch: 1019976**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.097 | U | 0.483 | 0.502 | | mg/Kg | ☼ | 104 | 54 - 136 | 2 | 30 |
| Aroclor 1016 | 0.097 | U | 0.483 | 0.506 | | mg/Kg | ☼ | 105 | 54 - 136 | 2 | 30 |
| Aroclor 1260 | 0.097 | U | 0.483 | 0.592 | | mg/Kg | ☼ | 122 | 53 - 145 | 3 | 30 |
| Aroclor 1260 | 0.097 | U | 0.483 | 0.594 | | mg/Kg | ☼ | 123 | 53 - 145 | 1 | 30 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *92* | | *20 - 150* |
| *DCB Decachlorobiphenyl* | *115* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *73* | | *20 - 150* |
| *Tetrachloro-m-xylene* | *71* | | *20 - 150* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: MB 460-1020297/1-A**
**Matrix: Water**
**Analysis Batch: 1020345**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020297**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1016 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1221 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1221 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1232 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1232 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1242 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1242 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1248 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1248 | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1254 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1254 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1260 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1260 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor-1262 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor-1262 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1268 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Aroclor 1268 | 0.20 | U | 0.20 | 0.11 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |
| Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 | ug/L | | 02/08/25 13:45 | 02/09/25 09:12 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *DCB Decachlorobiphenyl* | *57* | | *18 - 145* | *02/08/25 13:45* | *02/09/25 09:12* | *1* |
| *DCB Decachlorobiphenyl* | *57* | | *18 - 145* | *02/08/25 13:45* | *02/09/25 09:12* | *1* |
| *Tetrachloro-m-xylene* | *92* | | *21 - 124* | *02/08/25 13:45* | *02/09/25 09:12* | *1* |
| *Tetrachloro-m-xylene* | *93* | | *21 - 124* | *02/08/25 13:45* | *02/09/25 09:12* | *1* |

**Lab Sample ID: LCS 460-1020297/2-A**
**Matrix: Water**
**Analysis Batch: 1020345**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020297**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | | | 4.00 | 4.40 | | ug/L | | 110 | 42 - 120 | | |
| Aroclor 1016 | | | 4.00 | 4.23 | | ug/L | | 106 | 42 - 120 | | |
| Aroclor 1260 | | | 4.00 | 4.74 | | ug/L | | 119 | 42 - 126 | | |
| Aroclor 1260 | | | 4.00 | 4.84 | | ug/L | | 121 | 42 - 126 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *57* | | *18 - 145* |
| *DCB Decachlorobiphenyl* | *57* | | *18 - 145* |
| *Tetrachloro-m-xylene* | *91* | | *21 - 124* |
| *Tetrachloro-m-xylene* | *92* | | *21 - 124* |

## Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

**Lab Sample ID: LCSD 460-1020297/3-A**
**Matrix: Water**
**Analysis Batch: 1020345**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 1020297**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor 1016 | | | 4.00 | 4.56 | | ug/L | | 114 | 42 - 120 | 4 | 30 |
| Aroclor 1016 | | | 4.00 | 4.43 | | ug/L | | 111 | 42 - 120 | 5 | 30 |
| Aroclor 1260 | | | 4.00 | 4.79 | | ug/L | | 120 | 42 - 126 | 1 | 30 |
| Aroclor 1260 | | | 4.00 | 5.05 | | ug/L | | 126 | 42 - 126 | 4 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *DCB Decachlorobiphenyl* | *58* | | *18 - 145* |
| *DCB Decachlorobiphenyl* | *59* | | *18 - 145* |
| *Tetrachloro-m-xylene* | *95* | | *21 - 124* |
| *Tetrachloro-m-xylene* | *95* | | *21 - 124* |

## Method: 6020B - Metals (ICP/MS)

**Lab Sample ID: MB 460-1020433/1-A**
**Matrix: Solid**
**Analysis Batch: 1020726**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020433**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 20.0 | U | 20.0 | 5.5 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Antimony | 1.0 | U | 1.0 | 0.15 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Arsenic | 1.0 | U | 1.0 | 0.10 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Barium | 2.0 | U | 2.0 | 0.15 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Beryllium | 0.40 | U | 0.40 | 0.057 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Cadmium | 1.0 | U | 1.0 | 0.11 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Calcium | 100 | U | 100 | 40.7 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Chromium | 2.0 | U | 2.0 | 0.91 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Cobalt | 2.0 | U | 2.0 | 0.15 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Copper | 2.0 | U | 2.0 | 0.37 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Iron | 60.0 | U | 60.0 | 20.2 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Lead | 0.60 | U | 0.60 | 0.20 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Magnesium | 100 | U | 100 | 10.2 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Manganese | 4.0 | U | 4.0 | 0.40 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Nickel | 2.0 | U | 2.0 | 0.47 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Potassium | 100 | U | 100 | 16.2 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Selenium | 1.3 | U | 1.3 | 0.13 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Silver | 0.40 | U | 0.40 | 0.089 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Sodium | 100 | U | 100 | 45.7 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Thallium | 0.40 | U | 0.40 | 0.041 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Vanadium | 2.0 | U | 2.0 | 0.21 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |
| Zinc | 8.0 | U | 8.0 | 3.1 | mg/Kg | | 02/10/25 07:08 | 02/11/25 11:38 | 1 |

**Lab Sample ID: LCSSRM 460-1020433/2-A ^3**
**Matrix: Solid**
**Analysis Batch: 1020769**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020433**

| Analyte | | | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | | | 5940 | 5245 | | mg/Kg | | 88.3 | 46.1 - 153.9 | | |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: LCSSRM 460-1020433/2-A ^3**
**Client Sample ID: Lab Control Sample**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020769**
**Prep Batch: 1020433**

| Analyte | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Antimony | 121 | 73.26 | | mg/Kg | | 60.5 | 0.1 - 200.8 |
| Arsenic | 242 | 235.0 | | mg/Kg | | 97.1 | 81.8 - 118.6 |
| Barium | 295 | 274.0 | | mg/Kg | | 92.9 | 81.7 - 118.3 |
| Beryllium | 160 | 133.2 | | mg/Kg | | 83.3 | 82.5 - 117.5 |
| Cadmium | 84.3 | 74.91 | | mg/Kg | | 88.9 | 82.2 - 117.8 |
| Calcium | 5270 | 4762 | | mg/Kg | | 90.4 | 82.5 - 117.5 |
| Chromium | 213 | 199.2 | | mg/Kg | | 93.5 | 81.2 - 119.2 |
| Cobalt | 137 | 128.4 | | mg/Kg | | 93.8 | 83.2 - 117.5 |
| Copper | 195 | 184.7 | | mg/Kg | | 94.7 | 83.1 - 116.9 |
| Iron | 6650 | 5867 | | mg/Kg | | 88.2 | 58.6 - 141.5 |
| Lead | 194 | 177.3 | | mg/Kg | | 91.4 | 82.0 - 118.6 |
| Magnesium | 1860 | 1645 | | mg/Kg | | 88.4 | 75.3 - 124.2 |
| Manganese | 264 | 237.6 | | mg/Kg | | 90.0 | 80.7 - 118.9 |
| Nickel | 298 | 280.2 | | mg/Kg | | 94.0 | 82.2 - 117.8 |
| Potassium | 2010 | 1843 | | mg/Kg | | 91.7 | 70.6 - 129.4 |
| Selenium | 272 | 253.1 | | mg/Kg | | 93.1 | 80.1 - 119.5 |
| Silver | 76.7 | 69.44 | | mg/Kg | | 90.5 | 79.5 - 120.5 |
| Sodium | 406 | 362.5 | | mg/Kg | | 89.3 | 74.9 - 124.9 |
| Thallium | 108 | 102.0 | | mg/Kg | | 94.4 | 80.0 - 119.4 |
| Vanadium | 169 | 155.8 | | mg/Kg | | 92.2 | 78.1 - 122.5 |
| Zinc | 236 | 223.9 | | mg/Kg | | 94.9 | 80.1 - 120.3 |

**Lab Sample ID: 460-319481-E-10-G MS**
**Client Sample ID: Matrix Spike**
**Matrix: Solid**
**Prep Type: Total/NA**
**Analysis Batch: 1020726**
**Prep Batch: 1020433**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 5810 | | 525 | 7253 | 4 | mg/Kg | ☼ | 274 | 75 - 125 |
| Antimony | 1.1 | U | 5.25 | 1.95 | N | mg/Kg | ☼ | 37 | 75 - 125 |
| Arsenic | 1.3 | | 10.5 | 9.33 | | mg/Kg | ☼ | 77 | 75 - 125 |
| Barium | 9.1 | | 10.5 | 21.19 | | mg/Kg | ☼ | 115 | 75 - 125 |
| Beryllium | 0.11 | J | 5.25 | 4.09 | | mg/Kg | ☼ | 76 | 75 - 125 |
| Cadmium | 1.1 | U | 5.25 | 4.33 | | mg/Kg | ☼ | 83 | 75 - 125 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: 460-319481-E-10-G MS**
**Matrix: Solid**
**Analysis Batch: 1020726**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 1020433**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Calcium | 660 | | 525 | 1231 | | mg/Kg | ☼ | 109 | 75 - 125 |
| Chromium | 8.4 | | 10.5 | 17.81 | | mg/Kg | ☼ | 90 | 75 - 125 |
| Cobalt | 1.5 | J | 5.25 | 6.93 | | mg/Kg | ☼ | 102 | 75 - 125 |
| Copper | 8.6 | | 10.5 | 17.52 | | mg/Kg | ☼ | 85 | 75 - 125 |
| Iron | 5990 | | 525 | 6704 | 4 | mg/Kg | ☼ | 135 | 75 - 125 |
| Lead | 4.4 | | 5.25 | 9.22 | | mg/Kg | ☼ | 92 | 75 - 125 |
| Magnesium | 589 | | 525 | 1140 | | mg/Kg | ☼ | 105 | 75 - 125 |
| Manganese | 26.5 | | 52.5 | 71.20 | | mg/Kg | ☼ | 85 | 75 - 125 |
| Nickel | 3.4 | | 10.5 | 12.44 | | mg/Kg | ☼ | 86 | 75 - 125 |
| Potassium | 332 | | 525 | 815.5 | | mg/Kg | ☼ | 92 | 75 - 125 |
| Selenium | 0.14 | J | 10.5 | 8.23 | | mg/Kg | ☼ | 77 | 75 - 125 |
| Silver | 0.42 | U | 5.25 | 5.29 | | mg/Kg | ☼ | 101 | 75 - 125 |
| Sodium | 105 | U | 525 | 496.8 | | mg/Kg | ☼ | 95 | 75 - 125 |
| Thallium | 0.42 | U | 4.20 | 3.63 | | mg/Kg | ☼ | 86 | 75 - 125 |
| Vanadium | 10.4 | | 10.5 | 20.13 | | mg/Kg | ☼ | 93 | 75 - 125 |
| Zinc | 11.8 | | 52.5 | 55.28 | | mg/Kg | ☼ | 83 | 75 - 125 |

**Lab Sample ID: 460-319481-E-10-F DU**
**Matrix: Solid**
**Analysis Batch: 1020726**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 1020433**

| Analyte | Sample Result | Sample Qualifier | DU Result | DU Qualifier | Unit | D | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 5810 | | 5693 | | mg/Kg | ☼ | 2 | 20 |
| Antimony | 1.1 | U | 1.1 | U | mg/Kg | ☼ | NC | 20 |
| Arsenic | 1.3 | | 1.59 | | mg/Kg | ☼ | 21 | 20 |
| Barium | 9.1 | | 7.56 | | mg/Kg | ☼ | 18 | 20 |
| Beryllium | 0.11 | J | 0.106 | J | mg/Kg | ☼ | 2 | 20 |
| Cadmium | 1.1 | U | 1.1 | U | mg/Kg | ☼ | NC | 20 |
| Calcium | 660 | | 718.7 | | mg/Kg | ☼ | 9 | 20 |
| Chromium | 8.4 | | 10.08 | | mg/Kg | ☼ | 19 | 20 |
| Cobalt | 1.5 | J | 1.13 | J | mg/Kg | ☼ | 31 | 20 |
| Copper | 8.6 | | 8.32 | | mg/Kg | ☼ | 4 | 20 |
| Iron | 5990 | | 6661 | | mg/Kg | ☼ | 11 | 20 |
| Lead | 4.4 | | 4.48 | | mg/Kg | ☼ | 2 | 20 |
| Magnesium | 589 | | 479.3 | * | mg/Kg | ☼ | 21 | 20 |
| Manganese | 26.5 | | 28.86 | | mg/Kg | ☼ | 9 | 20 |
| Nickel | 3.4 | | 3.20 | | mg/Kg | ☼ | 5 | 20 |
| Potassium | 332 | | 343.9 | | mg/Kg | ☼ | 3 | 20 |
| Selenium | 0.14 | J | 0.144 | J | mg/Kg | ☼ | 6 | 20 |
| Silver | 0.42 | U | 0.42 | U | mg/Kg | ☼ | NC | 20 |
| Sodium | 105 | U | 105 | U | mg/Kg | ☼ | NC | 20 |
| Thallium | 0.42 | U | 0.42 | U | mg/Kg | ☼ | NC | 20 |
| Vanadium | 10.4 | | 11.17 | | mg/Kg | ☼ | 7 | 20 |
| Zinc | 11.8 | | 14.81 | | mg/Kg | ☼ | 22 | 20 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: MB 460-1020447/1-A**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Method Blank**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 40.0 | U | 40.0 | 11.7 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Antimony | 2.0 | U | 2.0 | 0.48 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Arsenic | 2.0 | U | 2.0 | 1.2 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Barium | 4.0 | U | 4.0 | 0.93 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Beryllium | 0.80 | U | 0.80 | 0.12 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Cadmium | 2.0 | U | 2.0 | 0.38 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Calcium | 500 | U | 500 | 31.7 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Chromium | 4.0 | U | 4.0 | 1.7 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Cobalt | 4.0 | U | 4.0 | 0.41 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Copper | 4.0 | U | 4.0 | 2.0 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Iron | 120 | U | 120 | 33.7 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Lead | 1.2 | U | 1.2 | 0.42 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Magnesium | 200 | U | 200 | 21.8 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Manganese | 8.0 | U | 8.0 | 0.84 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Nickel | 4.0 | U | 4.0 | 1.4 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Potassium | 200 | U | 200 | 83.3 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Selenium | 2.5 | U | 2.5 | 0.43 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Silver | 2.0 | U | 2.0 | 1.3 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Sodium | 500 | U | 500 | 180 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Thallium | 0.80 | U | 0.80 | 0.19 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Vanadium | 4.0 | U | 4.0 | 1.0 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |
| Zinc | 16.0 | U | 16.0 | 4.2 | ug/L | | 02/10/25 08:06 | 02/10/25 15:04 | 1 |

**Lab Sample ID: LCS 460-1020447/2-A**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Aluminum | 2500 | 2578 | | ug/L | | 103 | 80 - 120 |
| Antimony | 25.0 | 25.43 | | ug/L | | 102 | 80 - 120 |
| Arsenic | 50.0 | 49.93 | | ug/L | | 100 | 80 - 120 |
| Barium | 50.0 | 51.03 | | ug/L | | 102 | 80 - 120 |
| Beryllium | 25.0 | 23.58 | | ug/L | | 94 | 80 - 120 |
| Cadmium | 25.0 | 24.74 | | ug/L | | 99 | 80 - 120 |
| Calcium | 2500 | 2496 | | ug/L | | 100 | 80 - 120 |
| Chromium | 50.0 | 49.43 | | ug/L | | 99 | 80 - 120 |
| Cobalt | 25.0 | 25.55 | | ug/L | | 102 | 80 - 120 |
| Copper | 50.0 | 52.44 | | ug/L | | 105 | 80 - 120 |
| Iron | 2500 | 2525 | | ug/L | | 101 | 80 - 120 |
| Lead | 25.0 | 25.10 | | ug/L | | 100 | 80 - 120 |
| Magnesium | 2500 | 2620 | | ug/L | | 105 | 80 - 120 |
| Manganese | 250 | 251.3 | | ug/L | | 101 | 80 - 120 |
| Nickel | 50.0 | 49.59 | | ug/L | | 99 | 80 - 120 |
| Potassium | 2500 | 2534 | | ug/L | | 101 | 80 - 120 |
| Selenium | 50.0 | 49.84 | | ug/L | | 100 | 80 - 120 |
| Silver | 25.0 | 25.51 | | ug/L | | 102 | 80 - 120 |
| Sodium | 2500 | 2567 | | ug/L | | 103 | 80 - 120 |
| Thallium | 20.0 | 20.07 | | ug/L | | 100 | 80 - 120 |
| Vanadium | 50.0 | 50.47 | | ug/L | | 101 | 80 - 120 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: LCS 460-1020447/2-A**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Zinc | | | 250 | 242.4 | | ug/L | | 97 | 80 - 120 | | |

**Lab Sample ID: 460-319953-A-11-C MS ^20**
**Matrix: Water**
**Analysis Batch: 1020726**

**Client Sample ID: Matrix Spike**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 7670000 | | 2500 | 7397000 | 4 | ug/L | | -1088 3 | 75 - 125 | | |

**Lab Sample ID: 460-319953-A-11-C MS ^5**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Matrix Spike**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 198 | J | 2500 | 2807 | | ug/L | | 104 | 75 - 125 | | |
| Antimony | 10.0 | U | 25.0 | 24.89 | | ug/L | | 100 | 75 - 125 | | |
| Arsenic | 10.0 | U | 50.0 | 51.16 | | ug/L | | 102 | 75 - 125 | | |
| Barium | 12.0 | J | 50.0 | 63.54 | | ug/L | | 103 | 75 - 125 | | |
| Beryllium | 4.0 | U | 25.0 | 24.20 | | ug/L | | 97 | 75 - 125 | | |
| Cadmium | 10.0 | U | 25.0 | 24.44 | | ug/L | | 98 | 75 - 125 | | |
| Calcium | 300000 | | 2500 | 288800 | 4 | ug/L | | -465 | 75 - 125 | | |
| Chromium | 20.0 | U | 50.0 | 48.84 | | ug/L | | 98 | 75 - 125 | | |
| Cobalt | 20.0 | U | 25.0 | 23.75 | | ug/L | | 95 | 75 - 125 | | |
| Copper | 20.0 | U | 50.0 | 48.69 | | ug/L | | 97 | 75 - 125 | | |
| Iron | 384 | J | 2500 | 2863 | | ug/L | | 99 | 75 - 125 | | |
| Lead | 6.0 | U | 25.0 | 25.96 | | ug/L | | 104 | 75 - 125 | | |
| Magnesium | 924000 | | 2500 | 900900 | 4 | ug/L | | -939 | 75 - 125 | | |
| Manganese | 23.6 | J | 250 | 261.1 | | ug/L | | 95 | 75 - 125 | | |
| Nickel | 20.0 | U | 50.0 | 44.23 | | ug/L | | 88 | 75 - 125 | | |
| Potassium | 281000 | | 2500 | 273500 | 4 | ug/L | | -288 | 75 - 125 | | |
| Selenium | 12.5 | U | 50.0 | 47.76 | | ug/L | | 96 | 75 - 125 | | |
| Silver | 10.0 | U | 25.0 | 23.26 | | ug/L | | 93 | 75 - 125 | | |
| Thallium | 4.0 | U | 20.0 | 19.88 | | ug/L | | 99 | 75 - 125 | | |
| Vanadium | 20.0 | U | 50.0 | 49.87 | | ug/L | | 100 | 75 - 125 | | |
| Zinc | 80.0 | U | 250 | 199.6 | | ug/L | | 80 | 75 - 125 | | |

**Lab Sample ID: 460-319953-A-11-B DU ^20**
**Matrix: Water**
**Analysis Batch: 1020726**

**Client Sample ID: Duplicate**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sodium | 7670000 | | | 7480000 | | ug/L | | | | 2 | 20 |

**Lab Sample ID: 460-319953-A-11-B DU ^5**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Duplicate**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 198 | J | | 212.0 | | ug/L | | | | 7 | 20 |

## Method: 6020B - Metals (ICP/MS) (Continued)

**Lab Sample ID: 460-319953-A-11-B DU ^5**
**Matrix: Water**
**Analysis Batch: 1020512**

**Client Sample ID: Duplicate**
**Prep Type: Total Recoverable**
**Prep Batch: 1020447**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Antimony | 10.0 | U | | 10.0 | U | ug/L | | | | NC | 20 |
| Arsenic | 10.0 | U | | 10.0 | U | ug/L | | | | NC | 20 |
| Barium | 12.0 | J | | 11.04 | J | ug/L | | | | 8 | 20 |
| Beryllium | 4.0 | U | | 4.0 | U | ug/L | | | | NC | 20 |
| Cadmium | 10.0 | U | | 10.0 | U | ug/L | | | | NC | 20 |
| Calcium | 300000 | | | 288700 | | ug/L | | | | 4 | 20 |
| Chromium | 20.0 | U | | 20.0 | U | ug/L | | | | NC | 20 |
| Cobalt | 20.0 | U | | 20.0 | U | ug/L | | | | NC | 20 |
| Copper | 20.0 | U | | 20.0 | U | ug/L | | | | NC | 20 |
| Iron | 384 | J | | 406.4 | J | ug/L | | | | 6 | 20 |
| Lead | 6.0 | U | | 6.0 | U | ug/L | | | | NC | 20 |
| Magnesium | 924000 | | | 913800 | | ug/L | | | | 1 | 20 |
| Manganese | 23.6 | J | | 23.14 | J | ug/L | | | | 2 | 20 |
| Nickel | 20.0 | U | | 20.0 | U | ug/L | | | | NC | 20 |
| Potassium | 281000 | | | 275400 | | ug/L | | | | 2 | 20 |
| Selenium | 12.5 | U | | 12.5 | U | ug/L | | | | NC | 20 |
| Silver | 10.0 | U | | 10.0 | U | ug/L | | | | NC | 20 |
| Thallium | 4.0 | U | | 4.0 | U | ug/L | | | | NC | 20 |
| Vanadium | 20.0 | U | | 20.0 | U | ug/L | | | | NC | 20 |
| Zinc | 80.0 | U | | 80.0 | U | ug/L | | | | NC | 20 |

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: MB 460-1020501/1-A**
**Matrix: Water**
**Analysis Batch: 1020521**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020501**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | 0.20 | 0.091 | ug/L | | 02/10/25 14:46 | 02/10/25 15:48 | 1 |

**Lab Sample ID: LCS 460-1020501/2-A**
**Matrix: Water**
**Analysis Batch: 1020521**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020501**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 1.00 | 1.06 | | ug/L | | 106 | 80 - 120 | | |

**Lab Sample ID: 460-319695-D-4-C MS**
**Matrix: Water**
**Analysis Batch: 1020521**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 1020501**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | 1.00 | 1.06 | | ug/L | | 106 | 75 - 125 | | |

**Lab Sample ID: 460-319695-D-4-D MSD**
**Matrix: Water**
**Analysis Batch: 1020521**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 1020501**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | 1.00 | 1.03 | | ug/L | | 103 | 75 - 125 | 3 | 20 |

## Method: 7470A - Mercury (CVAA)

**Lab Sample ID: 460-319695-D-4-B DU**
**Matrix: Water**
**Analysis Batch: 1020521**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 1020501**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | | 0.20 | U | ug/L | | | | NC | 20 |

## Method: 7471B - Mercury (CVAA)

**Lab Sample ID: MB 460-1020394/1-A**
**Matrix: Solid**
**Analysis Batch: 1020443**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 1020394**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.017 | U | 0.017 | 0.0080 | mg/Kg | | 02/10/25 01:23 | 02/10/25 06:58 | 1 |

**Lab Sample ID: LCSSRM 460-1020394/2-A ^40**
**Matrix: Solid**
**Analysis Batch: 1020443**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 1020394**

| Analyte | | | Spike Added | LCSSRM Result | LCSSRM Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | | | 22.8 | 25.15 | | mg/Kg | | 110.3 | 70.6 - 129.4 | | |

**Lab Sample ID: 460-319954-3 MS**
**Matrix: Solid**
**Analysis Batch: 1020443**

**Client Sample ID: RX-20-01_0-2**
**Prep Type: Total/NA**
**Prep Batch: 1020394**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.10 | | 0.0813 | 0.135 | N | mg/Kg | ☼ | 42 | 80 - 120 | | |

**Lab Sample ID: 460-319954-3 DU**
**Matrix: Solid**
**Analysis Batch: 1020443**

**Client Sample ID: RX-20-01_0-2**
**Prep Type: Total/NA**
**Prep Batch: 1020394**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.10 | | | 0.0996 | | mg/Kg | ☼ | | | 2 | 20 |

## Qualifiers

### GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| * | LCS or LCSD is outside acceptance limits. |
| J | Indicates an estimated value. |
| U | Analyzed for but not detected. |

### GC/MS Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Indicates an estimated value. |
| U | Analyzed for but not detected. |

### GC Semi VOA

| Qualifier | Qualifier Description |
|---|---|
| J | Indicates an estimated value. |
| U | Analyzed for but not detected. |

### Metals

| Qualifier | Qualifier Description |
|---|---|
| * | Duplicate analysis not within control limits. |
| 4 | MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable. |
| J | Sample result is greater than the MDL but below the CRDL |
| N | Spiked sample recovery is not within control limits. |
| U | Indicates analyzed for but not detected. |

## Glossary

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

## Glossary (Continued)

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

## GC/MS VOA

### Prep Batch: 1020016

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 5035 | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 5035 | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 5035 | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 5035 | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 5035 | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 5035 | |
| LB3 460-1020016/1-A | Method Blank | Total/NA | Solid | 5035 | |

### Analysis Batch: 1020506

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LB3 460-1020016/1-A | Method Blank | Total/NA | Solid | 8260D | 1020016 |
| MB 460-1020506/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 460-1020506/3 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 460-1020506/4 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 1020507

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 8260D | 1020016 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 8260D | 1020016 |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 8260D | 1020016 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 8260D | 1020016 |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 8260D | 1020016 |
| MB 460-1020507/5 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 460-1020507/2 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 460-1020507/3 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

### Analysis Batch: 1020540

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 8260D | |
| MB 460-1020540/8 | Method Blank | Total/NA | Water | 8260D | |
| LCS 460-1020540/4 | Lab Control Sample | Total/NA | Water | 8260D | |
| LCSD 460-1020540/5 | Lab Control Sample Dup | Total/NA | Water | 8260D | |

### Analysis Batch: 1020626

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 8260D | 1020016 |
| MB 460-1020626/7 | Method Blank | Total/NA | Solid | 8260D | |
| LCS 460-1020626/3 | Lab Control Sample | Total/NA | Solid | 8260D | |
| LCSD 460-1020626/4 | Lab Control Sample Dup | Total/NA | Solid | 8260D | |

## GC/MS Semi VOA

### Prep Batch: 1020073

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 3510C | |
| MB 460-1020073/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1020073/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1020073/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

## GC/MS Semi VOA

### Analysis Batch: 1020114

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 8270E | 1020073 |
| MB 460-1020073/1-A | Method Blank | Total/NA | Water | 8270E | 1020073 |
| LCS 460-1020073/2-A | Lab Control Sample | Total/NA | Water | 8270E | 1020073 |
| LCSD 460-1020073/3-A | Lab Control Sample Dup | Total/NA | Water | 8270E | 1020073 |

### Prep Batch: 1020235

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 3546 | |
| MB 460-1020235/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 460-1020235/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 460-1020235/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |

### Analysis Batch: 1020312

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 8270E | 1020235 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 8270E | 1020235 |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 8270E | 1020235 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 8270E | 1020235 |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 8270E | 1020235 |
| MB 460-1020235/1-A | Method Blank | Total/NA | Solid | 8270E | 1020235 |
| LCS 460-1020235/2-A | Lab Control Sample | Total/NA | Solid | 8270E | 1020235 |
| LCSD 460-1020235/3-A | Lab Control Sample Dup | Total/NA | Solid | 8270E | 1020235 |

### Analysis Batch: 1020469

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 8270E | 1020235 |

## GC Semi VOA

### Prep Batch: 1019976

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 3546 | |
| MB 460-1019976/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 460-1019976/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 460-1019976/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 160-57053-E-2-A MS | Matrix Spike | Total/NA | Solid | 3546 | |
| 160-57053-E-2-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 3546 | |

### Prep Batch: 1019984

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 3546 | |

## GC Semi VOA (Continued)

### Prep Batch: 1019984 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 3546 | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 3546 | |
| MB 460-1019984/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 460-1019984/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| LCSD 460-1019984/3-A | Lab Control Sample Dup | Total/NA | Solid | 3546 | |
| 160-57053-E-2-D MS | Matrix Spike | Total/NA | Solid | 3546 | |
| 160-57053-E-2-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 3546 | |

### Analysis Batch: 1020035

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 8081B | 1019984 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 8081B | 1019984 |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 8081B | 1019984 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 8081B | 1019984 |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 8081B | 1019984 |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 8081B | 1019984 |

### Analysis Batch: 1020038

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| MB 460-1019984/1-A | Method Blank | Total/NA | Solid | 8081B | 1019984 |
| LCS 460-1019984/2-A | Lab Control Sample | Total/NA | Solid | 8081B | 1019984 |
| LCSD 460-1019984/3-A | Lab Control Sample Dup | Total/NA | Solid | 8081B | 1019984 |
| 160-57053-E-2-D MS | Matrix Spike | Total/NA | Solid | 8081B | 1019984 |
| 160-57053-E-2-E MSD | Matrix Spike Duplicate | Total/NA | Solid | 8081B | 1019984 |

### Analysis Batch: 1020184

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 8082A | 1019976 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 8082A | 1019976 |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 8082A | 1019976 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 8082A | 1019976 |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 8082A | 1019976 |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 8082A | 1019976 |
| MB 460-1019976/1-A | Method Blank | Total/NA | Solid | 8082A | 1019976 |
| LCS 460-1019976/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 1019976 |
| LCSD 460-1019976/3-A | Lab Control Sample Dup | Total/NA | Solid | 8082A | 1019976 |
| 160-57053-E-2-A MS | Matrix Spike | Total/NA | Solid | 8082A | 1019976 |
| 160-57053-E-2-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8082A | 1019976 |

### Prep Batch: 1020297

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 3510C | |
| MB 460-1020297/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1020297/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1020297/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

## GC Semi VOA

### Prep Batch: 1020298

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 3510C | |
| MB 460-1020298/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 460-1020298/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 460-1020298/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |

### Analysis Batch: 1020345

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 8082A | 1020297 |
| MB 460-1020297/1-A | Method Blank | Total/NA | Water | 8082A | 1020297 |
| LCS 460-1020297/2-A | Lab Control Sample | Total/NA | Water | 8082A | 1020297 |
| LCSD 460-1020297/3-A | Lab Control Sample Dup | Total/NA | Water | 8082A | 1020297 |

### Analysis Batch: 1020347

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 8081B | 1020298 |
| MB 460-1020298/1-A | Method Blank | Total/NA | Water | 8081B | 1020298 |
| LCS 460-1020298/2-A | Lab Control Sample | Total/NA | Water | 8081B | 1020298 |
| LCSD 460-1020298/3-A | Lab Control Sample Dup | Total/NA | Water | 8081B | 1020298 |

## Metals

### Prep Batch: 1020394

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 7471B | |
| MB 460-1020394/1-A | Method Blank | Total/NA | Solid | 7471B | |
| LCSSRM 460-1020394/2-A ^ | Lab Control Sample | Total/NA | Solid | 7471B | |
| 460-319954-3 MS | RX-20-01_0-2 | Total/NA | Solid | 7471B | |
| 460-319954-3 DU | RX-20-01_0-2 | Total/NA | Solid | 7471B | |

### Prep Batch: 1020433

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 3050B | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 3050B | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 3050B | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 3050B | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 3050B | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 3050B | |
| MB 460-1020433/1-A | Method Blank | Total/NA | Solid | 3050B | |
| LCSSRM 460-1020433/2-A ^ | Lab Control Sample | Total/NA | Solid | 3050B | |
| 460-319481-E-10-G MS | Matrix Spike | Total/NA | Solid | 3050B | |
| 460-319481-E-10-F DU | Duplicate | Total/NA | Solid | 3050B | |

### Analysis Batch: 1020443

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 7471B | 1020394 |

## Metals (Continued)

### Analysis Batch: 1020443 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 7471B | 1020394 |
| MB 460-1020394/1-A | Method Blank | Total/NA | Solid | 7471B | 1020394 |
| LCSSRM 460-1020394/2-A ^ | Lab Control Sample | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-3 MS | RX-20-01_0-2 | Total/NA | Solid | 7471B | 1020394 |
| 460-319954-3 DU | RX-20-01_0-2 | Total/NA | Solid | 7471B | 1020394 |

### Prep Batch: 1020447

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total Recoverable | Water | 3005A | |
| MB 460-1020447/1-A | Method Blank | Total Recoverable | Water | 3005A | |
| LCS 460-1020447/2-A | Lab Control Sample | Total Recoverable | Water | 3005A | |
| 460-319953-A-11-C MS ^20 | Matrix Spike | Total Recoverable | Water | 3005A | |
| 460-319953-A-11-C MS ^5 | Matrix Spike | Total Recoverable | Water | 3005A | |
| 460-319953-A-11-B DU ^20 | Duplicate | Total Recoverable | Water | 3005A | |
| 460-319953-A-11-B DU ^5 | Duplicate | Total Recoverable | Water | 3005A | |

### Prep Batch: 1020501

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 7470A | |
| MB 460-1020501/1-A | Method Blank | Total/NA | Water | 7470A | |
| LCS 460-1020501/2-A | Lab Control Sample | Total/NA | Water | 7470A | |
| 460-319695-D-4-C MS | Matrix Spike | Total/NA | Water | 7470A | |
| 460-319695-D-4-D MSD | Matrix Spike Duplicate | Total/NA | Water | 7470A | |
| 460-319695-D-4-B DU | Duplicate | Total/NA | Water | 7470A | |

### Analysis Batch: 1020512

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total Recoverable | Water | 6020B | 1020447 |
| MB 460-1020447/1-A | Method Blank | Total Recoverable | Water | 6020B | 1020447 |
| LCS 460-1020447/2-A | Lab Control Sample | Total Recoverable | Water | 6020B | 1020447 |
| 460-319953-A-11-C MS ^5 | Matrix Spike | Total Recoverable | Water | 6020B | 1020447 |
| 460-319953-A-11-B DU ^5 | Duplicate | Total Recoverable | Water | 6020B | 1020447 |

### Analysis Batch: 1020521

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-7 | FB_02052025 | Total/NA | Water | 7470A | 1020501 |
| MB 460-1020501/1-A | Method Blank | Total/NA | Water | 7470A | 1020501 |
| LCS 460-1020501/2-A | Lab Control Sample | Total/NA | Water | 7470A | 1020501 |
| 460-319695-D-4-C MS | Matrix Spike | Total/NA | Water | 7470A | 1020501 |
| 460-319695-D-4-D MSD | Matrix Spike Duplicate | Total/NA | Water | 7470A | 1020501 |
| 460-319695-D-4-B DU | Duplicate | Total/NA | Water | 7470A | 1020501 |

### Analysis Batch: 1020726

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | 6020B | 1020433 |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | 6020B | 1020433 |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | 6020B | 1020433 |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | 6020B | 1020433 |

## Metals (Continued)

### Analysis Batch: 1020726 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | 6020B | 1020433 |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | 6020B | 1020433 |
| MB 460-1020433/1-A | Method Blank | Total/NA | Solid | 6020B | 1020433 |
| 460-319481-E-10-G MS | Matrix Spike | Total/NA | Solid | 6020B | 1020433 |
| 460-319953-A-11-C MS ^20 | Matrix Spike | Total Recoverable | Water | 6020B | 1020447 |
| 460-319481-E-10-F DU | Duplicate | Total/NA | Solid | 6020B | 1020433 |
| 460-319953-A-11-B DU ^20 | Duplicate | Total Recoverable | Water | 6020B | 1020447 |

### Analysis Batch: 1020769

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| LCSSRM 460-1020433/2-A ^ | Lab Control Sample | Total/NA | Solid | 6020B | 1020433 |

## General Chemistry

### Analysis Batch: 1020513

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 460-319954-1 | RX-21-01_0-2 | Total/NA | Solid | Moisture | |
| 460-319954-2 | RX-18-01_0-2 | Total/NA | Solid | Moisture | |
| 460-319954-3 | RX-20-01_0-2 | Total/NA | Solid | Moisture | |
| 460-319954-4 | RX-22-01_0-2 | Total/NA | Solid | Moisture | |
| 460-319954-5 | RX-19-01_0-2 | Total/NA | Solid | Moisture | |
| 460-319954-6 | DUP_02052025 | Total/NA | Solid | Moisture | |
| 460-319941-A-1 DU | Duplicate | Total/NA | Solid | Moisture | |

## Client Sample ID: RX-21-01_0-2
**Lab Sample ID: 460-319954-1**
**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: RX-21-01_0-2
**Lab Sample ID: 460-319954-1**
**Date Collected: 02/05/25 08:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.4**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:39 |
| Total/NA | Analysis | 8260D | | 1 | 1020507 | MZS | EET EDI | 02/11/25 01:09 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 1 | 1020312 | YAH | EET EDI | 02/08/25 22:12 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 06:12 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 20:00 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:14 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:41 |

## Client Sample ID: RX-18-01_0-2
**Lab Sample ID: 460-319954-2**
**Date Collected: 02/05/25 09:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: RX-18-01_0-2
**Lab Sample ID: 460-319954-2**
**Date Collected: 02/05/25 09:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.0**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:40 |
| Total/NA | Analysis | 8260D | | 1 | 1020507 | MZS | EET EDI | 02/11/25 01:32 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 1 | 1020312 | YAH | EET EDI | 02/08/25 21:52 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 06:24 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 20:16 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:17 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:43 |

## Client Sample ID: RX-20-01_0-2
**Lab Sample ID: 460-319954-3**
**Date Collected: 02/05/25 11:10**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: RX-20-01_0-2
**Lab Sample ID: 460-319954-3**
**Date Collected: 02/05/25 11:10**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 99.1**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:41 |
| Total/NA | Analysis | 8260D | | 1 | 1020507 | MZS | EET EDI | 02/11/25 01:55 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 1 | 1020312 | YAH | EET EDI | 02/08/25 18:59 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 06:36 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 20:33 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:19 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:13 |

## Client Sample ID: RX-22-01_0-2
**Lab Sample ID: 460-319954-4**
**Date Collected: 02/05/25 11:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: RX-22-01_0-2
**Lab Sample ID: 460-319954-4**
**Date Collected: 02/05/25 11:45**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.3**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:42 |
| Total/NA | Analysis | 8260D | | 1 | 1020507 | MZS | EET EDI | 02/11/25 02:18 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 1 | 1020312 | YAH | EET EDI | 02/08/25 20:54 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 06:49 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 20:50 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:22 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:45 |

## Client Sample ID: RX-19-01_0-2
**Lab Sample ID: 460-319954-5**
**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: RX-19-01_0-2
**Lab Sample ID: 460-319954-5**
**Date Collected: 02/05/25 12:30**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 97.9**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:43 |
| Total/NA | Analysis | 8260D | | 1 | 1020507 | MZS | EET EDI | 02/11/25 02:42 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 5 | 1020312 | YAH | EET EDI | 02/08/25 22:31 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 07:01 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 21:06 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:24 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:47 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**
**Date Collected: 02/05/25 12:00**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | Moisture | | 1 | 1020513 | CJC | EET EDI | 02/10/25 16:12 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 460-319954-6**
**Date Collected: 02/05/25 12:00**
**Matrix: Solid**
**Date Received: 02/05/25 18:30**
**Percent Solids: 98.7**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 5035 | | | 1020016 | YXG | EET EDI | 02/06/25 18:44 |
| Total/NA | Analysis | 8260D | | 1 | 1020626 | MZS | EET EDI | 02/11/25 12:46 |
| Total/NA | Prep | 3546 | | | 1020235 | GXY | EET EDI | 02/07/25 19:33 |
| Total/NA | Analysis | 8270E | | 1 | 1020469 | DXD | EET EDI | 02/10/25 20:07 |
| Total/NA | Prep | 3546 | | | 1019984 | ARA | EET EDI | 02/06/25 15:57 |
| Total/NA | Analysis | 8081B | | 1 | 1020035 | FAM | EET EDI | 02/07/25 07:13 |
| Total/NA | Prep | 3546 | | | 1019976 | ARA | EET EDI | 02/06/25 15:37 |
| Total/NA | Analysis | 8082A | | 1 | 1020184 | AAA | EET EDI | 02/07/25 21:23 |
| Total/NA | Prep | 3050B | | | 1020433 | FBT | EET EDI | 02/10/25 07:08 |
| Total/NA | Analysis | 6020B | | 1 | 1020726 | JKF | EET EDI | 02/11/25 12:32 |
| Total/NA | Prep | 7471B | | | 1020394 | TJS | EET EDI | 02/10/25 01:23 |
| Total/NA | Analysis | 7471B | | 1 | 1020443 | TJS | EET EDI | 02/10/25 06:53 |

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Client Sample ID: FB_02052025
## Lab Sample ID: 460-319954-7

**Date Collected: 02/05/25 12:05**
**Matrix: Water**
**Date Received: 02/05/25 18:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | 8260D | | 1 | 1020540 | KLB | EET EDI | 02/11/25 04:20 |
| Total/NA | Prep | 3510C | | | 1020073 | AXB | EET EDI | 02/07/25 06:22 |
| Total/NA | Analysis | 8270E | | 1 | 1020114 | DXD | EET EDI | 02/07/25 17:22 |
| Total/NA | Prep | 3510C | | | 1020298 | ZEH | EET EDI | 02/08/25 13:47 |
| Total/NA | Analysis | 8081B | | 1 | 1020347 | JHP | EET EDI | 02/09/25 09:32 |
| Total/NA | Prep | 3510C | | | 1020297 | ZEH | EET EDI | 02/08/25 13:45 |
| Total/NA | Analysis | 8082A | | 1 | 1020345 | AAA | EET EDI | 02/09/25 09:29 |
| Total Recoverable | Prep | 3005A | | | 1020447 | NNW | EET EDI | 02/10/25 08:06 |
| Total Recoverable | Analysis | 6020B | | 1 | 1020512 | JKF | EET EDI | 02/10/25 18:38 |
| Total/NA | Prep | 7470A | | | 1020501 | RBS | EET EDI | 02/10/25 14:46 |
| Total/NA | Analysis | 7470A | | 1 | 1020521 | RBS | EET EDI | 02/10/25 16:36 |

**Laboratory References:**

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

# Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-319954-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New York | NELAP | 11452 | 04-01-25 |

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 11452. This list may include analytes for which the agency does not offer certification:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **524FREONS_00025** | 11/02/24 | 10/02/24 | MeOH, Lot EI863-US | 10 mL | 7 Freons_00006 | 250 uL | 1,1,1-Trifluoro-2,2-dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL |
| | | | | | | | Chlorodifluoromethane | 50 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 50 ug/mL |
| .7 Freons_00006 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **524FREONS_00029** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 10 mL | 7 Freons_00007 | 250 uL | 1,1,1-Trifluoro-2,2-dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL |
| | | | | | | | Chlorodifluoromethane | 50 ug/mL |
| .7 Freons_00007 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| **524FREONS_00030** | 02/28/25 | 01/30/25 | MeOH, Lot EI863-US | 10 mL | 7 Freons_00007 | 250 uL | 1,1,1-Trifluoro-2,2-dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 50 ug/mL |
| | | | | | | | Chlorodifluoromethane | 50 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 50 ug/mL |
| .7 Freons_00007 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **7 Freons Hi_00020** | 11/02/24 | 10/02/24 | MeOH, Lot EI863-US | 5 mL | 7 Freons_00006 | 1.25 mL | 1,1,1-Trifluoro-2,2-dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 500 ug/mL |
| | | | | | | | Chlorodifluoromethane | 500 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 500 ug/mL |
| .7 Freons_00006 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **7 Freons Hi_00023** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | 7 Freons_00007 | 1.25 mL | 1,1,1-Trifluoro-2,2-dichloroethane | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 500 ug/mL |
| | | | | | | | Chlorodifluoromethane | 500 ug/mL |
| .7 Freons_00007 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| **7 Freons Hi_00024** | 02/28/25 | 01/30/25 | MeOH, Lot EI863-US | 5 mL | 7 Freons_00007 | 1.25 mL | 1,1,1-Trifluoro-2,2-dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 500 ug/mL |
| | | | | | | | Chlorodifluoromethane | 500 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 500 ug/mL |
| .7 Freons_00007 | 04/07/26 | | Absolute, Lot 040723 | | (Purchased Reagent) | | 1,1,1-Trifluoro-2,2-dichloroethane | 2000 ug/mL |
| | | | | | | | 1,2-Dichloro-1,1,2-trifluoroethane | 2000 ug/mL |
| | | | | | | | Chlorodifluoromethane | 2000 ug/mL |
| | | | | | | | Chlorotrifluoroethene | 2000 ug/mL |
| **8260 SP_00185** | 11/01/24 | 10/01/24 | MeOH, Lot EI836-US | 10 mL | KetonesC SS_00016 | 200 uL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | Mega Mix SS_00021 | 200 uL | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| .KetonesC SS_00016 | 02/28/26 | | RESTEK, Lot A0194631 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix SS_00021 | 08/31/25 | | RESTEK, Lot A0195252 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| **8260 SP_00188** | 01/31/25 | 12/31/24 | MeOH, Lot EI836-US | 10 mL | KetonesC SS_00017 | 200 uL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | Mega Mix SS_00022 | 200 uL | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| .KetonesC SS_00017 | 04/30/27 | | RESTEK, Lot A0209876 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix SS_00022 | 08/31/25 | | RESTEK, Lot A0195252 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| **8260 SP_00189** | 02/28/25 | 01/30/25 | MeOH, Lot EI836-US | 10 mL | KetonesC SS_00017 | 200 uL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | Mega Mix SS_00022 | 200 uL | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| .KetonesC SS_00017 | 04/30/27 | | RESTEK, Lot A0209876 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix SS_00022 | 08/31/25 | | RESTEK, Lot A0195252 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| **8260ISNEW_00171** | | | | | | | 1,2-Dichloroethane-d4 (Surr) | |
| | | | | | | | 1,2-Dichloroethene, Total | |
| | | | | | | | 1,3-Dichloropropene, Total | |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | |
| | | | | | | | BFB | |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Toluene-d8 (Surr) | |
| | | | | | | | Total BTEX | |
| | | | | | | | Xylenes, Total | |
| **8260ISNEW_00192** | 05/31/28 | RESTEK, Lot A0198586 | | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| **8260ISNEW_00208** | 09/30/29 | RESTEK, Lot A0217062 | | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 250 ug/mL |
| | | | | | | | 1,4-Dioxane-d8 | 5000 ug/mL |
| | | | | | | | 2-Butanone-d5 | 1250 ug/mL |
| | | | | | | | Chlorobenzene-d5 | 250 ug/mL |
| | | | | | | | Fluorobenzene | 250 ug/mL |
| | | | | | | | TBA-d9 (IS) | 5000 ug/mL |
| **8260MIX1COMB_00195** | 11/10/24 | 10/10/24 | MeOH, Lot EI863-US | 50 mL | EPICH(working_00014 | 500 uL | Epichlorohydrin | 1000 ug/mL |
| | | | | | ETHANOL(new)_00025 | 1 mL | Ethanol | 2000 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 50 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 50 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 50 ug/mL |
| | | | | | | | 4-Ethyltoluene | 50 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Butyl Methacrylate | 50 ug/mL |
| | | | | | | | Cyclopentene | 50 ug/mL |
| | | | | | | | Isopropyl acetate | 50 ug/mL |
| | | | | | | | Methyl acrylate | 50 ug/mL |
| | | | | | | | n-Butyl acrylate | 50 ug/mL |
| | | | | | | | n-Propyl acetate | 50 ug/mL |
| | | | | | | | p-Diethylbenzene | 50 ug/mL |
| | | | | | | | Pentane | 100 ug/mL |
| | | | | | KetonesC_00029 | 1 mL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 50 ug/mL |
| | | | | | | | 2-Nitropropane | 100 ug/mL |
| | | | | | | | Benzyl chloride | 50 ug/mL |
| | | | | | | | Isooctane | 50 ug/mL |
| | | | | | | | Isopropyl alcohol | 500 ug/mL |
| | | | | | | | Methacrylonitrile | 500 ug/mL |
| | | | | | | | n-Butanol | 1250 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 100 ug/mL |
| | | | | | | | Ethyl acrylate | 50 ug/mL |
| | | | | | | | Methyl methacrylate | 100 ug/mL |
| | | | | | | | n-Butyl acetate | 50 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorotoluene | 50 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 500 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 50 ug/mL |
| | | | | | | | 4-Chlorotoluene | 50 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 50 ug/mL |
| | | | | | | | Acrylonitrile | 500 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromobenzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dibromomethane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethyl ether | 50 ug/mL |
| | | | | | | | Ethyl methacrylate | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexane | 50 ug/mL |
| | | | | | | | Iodomethane | 50 ug/mL |
| | | | | | | | Isobutyl alcohol | 1250 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | n-Butylbenzene | 50 ug/mL |
| | | | | | | | n-Heptane | 50 ug/mL |
| | | | | | | | N-Propylbenzene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | sec-Butylbenzene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | tert-Butylbenzene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Tetrahydrofuran | 100 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | trans-1,4-Dichloro-2-butene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 500 ug/mL |
| | | | | | | | Isopropyl ether | 50 ug/mL |
| | | | | | | | Propionitrile | 500 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 50 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 50 ug/mL |
| | | | | | Vinyl Acetate_00101 | 1 mL | Vinyl acetate | 100 ug/mL |
| .EPICH(working_00014 | 09/24/25 | 04/27/24 | MeOH, Lot 22L0562016 | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .KetonesC_00029 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| .Vinyl Acetate_00101 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **8260MIX1COMB_00199** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 50 mL | 2-CEVEC_00031 | 1 mL | 2-Chloroethyl vinyl ether | 50.12 ug/mL |
| | | | | | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 1000 ug/mL |
| | | | | | ETHANOL(new)_00025 | 1 mL | Ethanol | 2000 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 50 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 50 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 50 ug/mL |
| | | | | | | | 4-Ethyltoluene | 50 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 50 ug/mL |
| | | | | | | | Butyl Methacrylate | 50 ug/mL |
| | | | | | | | Isopropyl acetate | 50 ug/mL |
| | | | | | | | Methyl acrylate | 50 ug/mL |
| | | | | | | | n-Butyl acrylate | 50 ug/mL |
| | | | | | | | n-Propyl acetate | 50 ug/mL |
| | | | | | | | p-Diethylbenzene | 50 ug/mL |
| | | | | | | | Pentane | 100 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitropropane | 100 ug/mL |
| | | | | | | | Benzyl chloride | 50 ug/mL |
| | | | | | | | Isooctane | 50 ug/mL |
| | | | | | | | Isopropyl alcohol | 500 ug/mL |
| | | | | | | | Methacrylonitrile | 500 ug/mL |
| | | | | | | | n-Butanol | 1250 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 100 ug/mL |
| | | | | | | | Ethyl acrylate | 50 ug/mL |
| | | | | | | | Methyl methacrylate | 100 ug/mL |
| | | | | | | | n-Butyl acetate | 50 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 2-Chlorotoluene | 50 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 500 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 50 ug/mL |
| | | | | | | | 4-Chlorotoluene | 50 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 50 ug/mL |
| | | | | | | | Acrylonitrile | 500 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromobenzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dibromomethane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethyl ether | 50 ug/mL |
| | | | | | | | Ethyl methacrylate | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexane | 50 ug/mL |
| | | | | | | | Iodomethane | 50 ug/mL |
| | | | | | | | Isobutyl alcohol | 1250 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | n-Butylbenzene | 50 ug/mL |
| | | | | | | | n-Heptane | 50 ug/mL |
| | | | | | | | N-Propylbenzene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | sec-Butylbenzene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | tert-Butylbenzene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Tetrahydrofuran | 100 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 500 ug/mL |
| | | | | | | | Isopropyl ether | 50 ug/mL |
| | | | | | | | Propionitrile | 500 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 50 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 50 ug/mL |
| | | | | | Vinyl Acetate_00101 | 1 mL | Vinyl acetate | 100 ug/mL |
| .2-CEVEC_00031 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| .Vinyl Acetate_00101 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **8260MIX1COMB_00200** | 02/25/25 | 01/25/25 | MeOH, Lot EI863-US | 50 mL | 2-CEVEC_00031 | 1 mL | 2-Chloroethyl vinyl ether | 50.12 ug/mL |
| | | | | | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 1000 ug/mL |
| | | | | | ETHANOL(new)_00025 | 1 mL | Ethanol | 2000 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 50 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 50 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 50 ug/mL |
| | | | | | | | 4-Ethyltoluene | 50 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 50 ug/mL |
| | | | | | | | Butyl Methacrylate | 50 ug/mL |
| | | | | | | | Cyclopentene | 50 ug/mL |
| | | | | | | | Isopropyl acetate | 50 ug/mL |
| | | | | | | | Methyl acrylate | 50 ug/mL |
| | | | | | | | n-Butyl acrylate | 50 ug/mL |
| | | | | | | | n-Propyl acetate | 50 ug/mL |
| | | | | | | | p-Diethylbenzene | 50 ug/mL |
| | | | | | | | Pentane | 100 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 250 ug/mL |
| | | | | | | | 2-Hexanone | 250 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 250 ug/mL |
| | | | | | | | Acetone | 250 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 50 ug/mL |
| | | | | | | | 2-Nitropropane | 100 ug/mL |
| | | | | | | | Benzyl chloride | 50 ug/mL |
| | | | | | | | Isooctane | 50 ug/mL |
| | | | | | | | Isopropyl alcohol | 500 ug/mL |
| | | | | | | | Methacrylonitrile | 500 ug/mL |
| | | | | | | | n-Butanol | 1250 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 100 ug/mL |
| | | | | | | | Ethyl acrylate | 50 ug/mL |
| | | | | | | | Methyl methacrylate | 100 ug/mL |
| | | | | | | | n-Butyl acetate | 50 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 50 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 50 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 50 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 50 ug/mL |
| | | | | | | | 2-Chlorotoluene | 50 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 500 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 50 ug/mL |
| | | | | | | | 4-Chlorotoluene | 50 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 50 ug/mL |
| | | | | | | | Acrylonitrile | 500 ug/mL |
| | | | | | | | Benzene | 50 ug/mL |
| | | | | | | | Bromobenzene | 50 ug/mL |
| | | | | | | | Bromoform | 50 ug/mL |
| | | | | | | | Carbon disulfide | 50 ug/mL |
| | | | | | | | Carbon tetrachloride | 50 ug/mL |
| | | | | | | | Chlorobenzene | 50 ug/mL |
| | | | | | | | Chlorobromomethane | 50 ug/mL |
| | | | | | | | Chlorodibromomethane | 50 ug/mL |
| | | | | | | | Chloroform | 50 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | Cyclohexane | 50 ug/mL |
| | | | | | | | Dibromomethane | 50 ug/mL |
| | | | | | | | Dichlorobromomethane | 50 ug/mL |
| | | | | | | | Ethyl ether | 50 ug/mL |
| | | | | | | | Ethyl methacrylate | 50 ug/mL |
| | | | | | | | Ethylbenzene | 50 ug/mL |
| | | | | | | | Ethylene Dibromide | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexane | 50 ug/mL |
| | | | | | | | Iodomethane | 50 ug/mL |
| | | | | | | | Isobutyl alcohol | 1250 ug/mL |
| | | | | | | | Isopropylbenzene | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | m-Xylene & p-Xylene | 50 ug/mL |
| | | | | | | | Methyl acetate | 100 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 50 ug/mL |
| | | | | | | | Methylcyclohexane | 50 ug/mL |
| | | | | | | | Methylene Chloride | 50 ug/mL |
| | | | | | | | n-Butylbenzene | 50 ug/mL |
| | | | | | | | n-Heptane | 50 ug/mL |
| | | | | | | | N-Propylbenzene | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | o-Xylene | 50 ug/mL |
| | | | | | | | sec-Butylbenzene | 50 ug/mL |
| | | | | | | | Styrene | 50 ug/mL |
| | | | | | | | tert-Butylbenzene | 50 ug/mL |
| | | | | | | | Tetrachloroethene | 50 ug/mL |
| | | | | | | | Tetrahydrofuran | 100 ug/mL |
| | | | | | | | Toluene | 50 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 50 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 50 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 50 ug/mL |
| | | | | | | | Trichloroethene | 50 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 500 ug/mL |
| | | | | | | | Isopropyl ether | 50 ug/mL |
| | | | | | | | Propionitrile | 500 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 50 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 50 ug/mL |
| | | | | | Vinyl Acetate_00101 | 1 mL | Vinyl acetate | 100 ug/mL |
| .2-CEVEC_00031 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| .Vinyl Acetate_00101 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **8260SURR250_00251** | 12/15/24 | 10/15/24 | MeOH, Lot EI863-US | 50 mL | 8260 SURR C_00066 | 5 mL | 1,2-Dichloroethane-d4 (Surr) | 250 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 250 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 250 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 250 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .8260 SURR C_00066 | 05/31/29 | | RESTEK, Lot A0211048 | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |
| **8260SURR250_00252** | 02/13/25 | 12/13/24 | MeOH, Lot EI863-US | 50 mL | 8260 SURR C_00067 | 5 mL | 1,2-Dichloroethane-d4 (Surr) | 250 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 250 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 250 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 250 ug/mL |
| .8260 SURR C_00067 | 05/31/29 | | RESTEK, Lot A0211048 | | (Purchased Reagent) | | 1,2-Dichloroethane-d4 (Surr) | 2500 ug/mL |
| | | | | | | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | Dibromofluoromethane (Surr) | 2500 ug/mL |
| | | | | | | | Toluene-d8 (Surr) | 2500 ug/mL |
| **ACROLEIN W_00175** | 11/06/24 | 10/06/24 | MeOH, Lot EI863-US | 10 mL | ACROLEIN_00025 | 250 uL | Acrolein | 500 ug/mL |
| .ACROLEIN_00025 | 09/30/25 | | RESTEK, Lot A0209476 | | (Purchased Reagent) | | Acrolein | 20000 ug/mL |
| **ACROLEIN W_00178** | 01/20/25 | 12/20/24 | MeOH, Lot EI863-US | 10 mL | ACROLEIN_00025 | 250 uL | Acrolein | 500 ug/mL |
| .ACROLEIN_00025 | 09/30/25 | | RESTEK, Lot A0209476 | | (Purchased Reagent) | | Acrolein | 20000 ug/mL |
| **ACROLEIN W_00179** | 02/17/25 | 01/17/25 | MeOH, Lot EI863-US | 10 mL | ACROLEIN_00025 | 250 uL | Acrolein | 500 ug/mL |
| .ACROLEIN_00025 | 09/30/25 | | RESTEK, Lot A0209476 | | (Purchased Reagent) | | Acrolein | 20000 ug/mL |
| **ACRY/EPIH MIX_00130** | 11/06/24 | 10/06/24 | MeOH, Lot EI863-US | 10 mL | Acrylonitrile_00010 | 500 uL | Acrylonitrile | 50 ug/mL |
| | | | | | EPICH(working_00014 | 12.5 uL | Epichlorohydrin | 125 ug/mL |
| .Acrylonitrile_00010 | 06/15/26 | | ABSOLUTE, Lot 061523 | | (Purchased Reagent) | | Acrylonitrile | 1000 ug/mL |
| .EPICH(working_00014 | 09/24/25 | 04/27/24 | MeOH, Lot 22L0562016 | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| **alpha-Pinene_00003** | 03/14/25 | 01/14/25 | MeOH, Lot EI863-US | 10 mL | alpha-Pinene_00001 | 0.5 mL | (-)-a-Pinene | 50 ug/mL |
| .alpha-Pinene_00001 | 06/28/26 | | ABSOLUTE, Lot 062823 | | (Purchased Reagent) | | (-)-a-Pinene | 1000 ug/mL |
| **alpha-Pinene_00005** | 03/14/25 | 01/17/25 | MeOH, Lot EI863-US | 1 mL | alpha-Pinene_00001 | 0.5 mL | (-)-a-Pinene | 500 ug/mL |
| .alpha-Pinene_00001 | 06/28/26 | | ABSOLUTE, Lot 062823 | | (Purchased Reagent) | | (-)-a-Pinene | 1000 ug/mL |
| **BFB_00036** | | | | | | | 1,2-Dichloroethene, Total | |
| | | | | | | | 1,3-Dichloropropene, Total | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total BTEX | |
| | | | | | | | Xylenes, Total | |
| | | | | | VMC21SU_00011 | 200 uL | 4-Bromofluorobenzene | 50 ug/mL |
| | | | | | | | BFB | 50 ug/mL |
| .VMC21SU_00011 | 03/08/27 | | Absolute, Lot 030822 | | (Purchased Reagent) | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | BFB | 2500 ug/mL |
| **BFB_00038** | | | | | | | 1,2-Dichloroethene, Total | |
| | | | | | | | 1,3-Dichloropropene, Total | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total BTEX | |
| | | | | | | | Xylenes, Total | |
| | | | | | VMC21SU_00011 | 100 uL | 4-Bromofluorobenzene | 25 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | BFB | 25 ug/mL |
| .VMC21SU_00011 | 03/08/27 | | Absolute, Lot 030822 | | (Purchased Reagent) | | 4-Bromofluorobenzene | 2500 ug/mL |
| | | | | | | | BFB | 2500 ug/mL |
| **Ethanol mix_00094** | 11/01/24 | 10/01/24 | MeOH, Lot EI863-US | 5 mL | ETHANOL(new)_00024 | 1 mL | Ethanol | 20000 ug/mL |
| .ETHANOL(new)_00024 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| **Ethanol mix_00097** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | ETHANOL(new)_00025 | 1 mL | Ethanol | 20000 ug/mL |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| **Ethanol mix_00098** | 02/28/25 | 01/30/25 | MeOH, Lot EI863-US | 5 mL | ETHANOL(new)_00025 | 1 mL | Ethanol | 20000 ug/mL |
| .ETHANOL(new)_00025 | 05/31/27 | | RESTEK, Lot A0212265 | | (Purchased Reagent) | | Ethanol | 100000 ug/mL |
| **GAS C SP_00591** | 10/25/24 | 10/18/24 | MeOH, Lot EI863-US | 10 mL | GASES SS_00027 | 0.2 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES SS_00027 | 05/31/27 | | RESTEK, Lot A0211505 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GAS C SP_00604** | 01/17/25 | 01/10/25 | MeOH, Lot EI863-US | 10 mL | GASES SS_00028 | 0.2 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES SS_00028 | 05/31/27 | | RESTEK, Lot A0211505 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GAS C SP_00607** | 02/07/25 | 01/31/25 | MeOH, Lot EI863-US | 10 mL | GASES SS_00028 | 0.2 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES SS_00028 | 05/31/27 | | RESTEK, Lot A0211505 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **GAS Hi_00481** | 11/01/24 | 10/18/24 | MeOH, Lot EI863-US | 5 mL | GASES C_00041 | 1 mL | Bromomethane | 500 ug/mL |
| | | | | | | | Butadiene | 500 ug/mL |
| | | | | | | | Chloroethane | 500 ug/mL |
| | | | | | | | Chloromethane | 500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 500 ug/mL |
| | | | | | | | Vinyl chloride | 500 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GAS Hi_00487** | 01/29/25 | 01/15/25 | MeOH, Lot EI863-US | 5 mL | GASES C_00041 | 1 mL | Bromomethane | 500 ug/mL |
| | | | | | | | Butadiene | 500 ug/mL |
| | | | | | | | Chloroethane | 500 ug/mL |
| | | | | | | | Chloromethane | 500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 500 ug/mL |
| | | | | | | | Vinyl chloride | 500 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GAS Hi_00488** | 02/12/25 | 01/29/25 | MeOH, Lot EI863-US | 5 mL | GASES C_00041 | 1 mL | Bromomethane | 500 ug/mL |
| | | | | | | | Butadiene | 500 ug/mL |
| | | | | | | | Chloroethane | 500 ug/mL |
| | | | | | | | Chloromethane | 500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 500 ug/mL |
| | | | | | | | Vinyl chloride | 500 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00608** | 10/25/24 | 10/18/24 | MeOH, Lot EI863-US | 25 mL | GASES C_00041 | 0.5 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Butadiene | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Dichlorofluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00621** | 01/17/25 | 01/10/25 | MeOH, Lot EI863-US | 25 mL | GASES C_00041 | 0.5 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Butadiene | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Dichlorofluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00624** | 02/07/25 | 01/31/25 | MeOH, Lot EI863-US | 25 mL | GASES C_00041 | 0.5 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Butadiene | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Dichlorofluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00041 | 05/31/27 | | RESTEK, Lot A0211969 | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Butadiene | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **GASES Li_00625** | 02/14/25 | 02/07/25 | MeOH, Lot EI863-US | 50 mL | GASES C_00041 | 1 mL | Bromomethane | 50 ug/mL |
| | | | | | | | Chloroethane | 50 ug/mL |
| | | | | | | | Chloromethane | 50 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 50 ug/mL |
| | | | | | | | Trichlorofluoromethane | 50 ug/mL |
| | | | | | | | Vinyl chloride | 50 ug/mL |
| .GASES C_00041 | 05/31/27 | RESTEK, Lot A0211969 | | | (Purchased Reagent) | | Bromomethane | 2500 ug/mL |
| | | | | | | | Chloroethane | 2500 ug/mL |
| | | | | | | | Chloromethane | 2500 ug/mL |
| | | | | | | | Dichlorodifluoromethane | 2500 ug/mL |
| | | | | | | | Trichlorofluoromethane | 2500 ug/mL |
| | | | | | | | Vinyl chloride | 2500 ug/mL |
| **Interm_ICV_00029** | 03/12/25 | 11/29/24 | 5%HCL:5%HNO3, Lot 11984889 | 200 mL | ME_ms-ICV-Int_00024 | 8 mL | Silver | 80 ug/L |
| | | | | | | | Zinc | 400 ug/L |
| | | | | | me_TA-Cal1-SS_00010 | 0.32 mL | Antimony | 160 ug/L |
| | | | | | | | Arsenic | 160 ug/L |
| | | | | | | | Barium | 160 ug/L |
| | | | | | | | Beryllium | 160 ug/L |
| | | | | | | | Cadmium | 160 ug/L |
| | | | | | | | Chromium | 160 ug/L |
| | | | | | | | Cobalt | 160 ug/L |
| | | | | | | | Copper | 160 ug/L |
| | | | | | | | Lead | 160 ug/L |
| | | | | | | | Manganese | 160 ug/L |
| | | | | | | | Nickel | 160 ug/L |
| | | | | | | | Selenium | 160 ug/L |
| | | | | | | | Thallium | 160 ug/L |
| | | | | | | | Vanadium | 160 ug/L |
| | | | | | me_TA-Cal2-SS_00009 | 4 mL | Aluminum | 40000 ug/L |
| | | | | | | | Calcium | 40000 ug/L |
| | | | | | | | Iron | 40000 ug/L |
| | | | | | | | Magnesium | 40000 ug/L |
| | | | | | | | Potassium | 40000 ug/L |
| | | | | | | | Sodium | 40000 ug/L |
| .ME_ms-ICV-Int_00024 | 03/12/25 | 11/29/24 | 5%HCL:5%HNO3, Lot 11209783 | 200 mL | ME_Ag-2nd_00006 | 0.4 mL | Silver | 2000 ug/L |
| | | | | | ME_Zn-2nd_00004 | 2 mL | Zinc | 10000 ug/L |
| ..ME_Ag-2nd_00006 | 03/12/25 | CPI International, Lot 711727250-2 | | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| ..ME_Zn-2nd_00004 | 06/30/29 | Agilent Technologies, Lot 0006681564 | | | (Purchased Reagent) | | Zinc | 1000000 ug/L |
| .me_TA-Cal1-SS_00010 | 05/10/26 | CPI International, Lot 1458890 | | | (Purchased Reagent) | | Antimony | 100000 ug/L |
| | | | | | | | Arsenic | 100000 ug/L |
| | | | | | | | Barium | 100000 ug/L |
| | | | | | | | Beryllium | 100000 ug/L |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cadmium | 100000 ug/L |
| | | | | | | | Chromium | 100000 ug/L |
| | | | | | | | Cobalt | 100000 ug/L |
| | | | | | | | Copper | 100000 ug/L |
| | | | | | | | Lead | 100000 ug/L |
| | | | | | | | Manganese | 100000 ug/L |
| | | | | | | | Nickel | 100000 ug/L |
| | | | | | | | Selenium | 100000 ug/L |
| | | | | | | | Thallium | 100000 ug/L |
| | | | | | | | Vanadium | 100000 ug/L |
| .me_TA-Cal2-SS_00009 | 04/29/26 | CPI International, Lot 1437072 | | | (Purchased Reagent) | | Aluminum | 2000000 ug/L |
| | | | | | | | Calcium | 2000000 ug/L |
| | | | | | | | Iron | 2000000 ug/L |
| | | | | | | | Magnesium | 2000000 ug/L |
| | | | | | | | Potassium | 2000000 ug/L |
| | | | | | | | Sodium | 2000000 ug/L |
| **me_Cal2_00154** | 04/03/25 | 01/06/25 | 5%HCL:5%HNO3, Lot 12080505 | 200 mL | ME_6020BRL_IV_00004 | 10 mL | Aluminum | 200 ug/L |
| | | | | | | | Antimony | 10 ug/L |
| | | | | | | | Arsenic | 10 ug/L |
| | | | | | | | Barium | 20 ug/L |
| | | | | | | | Beryllium | 4 ug/L |
| | | | | | | | Cadmium | 10 ug/L |
| | | | | | | | Calcium | 1000 ug/L |
| | | | | | | | Chromium | 20 ug/L |
| | | | | | | | Cobalt | 20 ug/L |
| | | | | | | | Copper | 20 ug/L |
| | | | | | | | Iron | 600 ug/L |
| | | | | | | | Lead | 6 ug/L |
| | | | | | | | Magnesium | 1000 ug/L |
| | | | | | | | Manganese | 40 ug/L |
| | | | | | | | Nickel | 20 ug/L |
| | | | | | | | Potassium | 1000 ug/L |
| | | | | | | | Selenium | 12.5 ug/L |
| | | | | | | | Silver | 10 ug/L |
| | | | | | | | Sodium | 1000 ug/L |
| | | | | | | | Thallium | 4 ug/L |
| | | | | | | | Vanadium | 20 ug/L |
| | | | | | | | Zinc | 80 ug/L |
| .ME_6020BRL_IV_00004 | 05/30/25 | Inorganic Ventures, Lot V2-MEB743859 | | | (Purchased Reagent) | | Aluminum | 4000 ug/L |
| | | | | | | | Antimony | 200 ug/L |
| | | | | | | | Arsenic | 200 ug/L |
| | | | | | | | Barium | 400 ug/L |
| | | | | | | | Beryllium | 80 ug/L |
| | | | | | | | Cadmium | 200 ug/L |
| | | | | | | | Calcium | 20000 ug/L |
| | | | | | | | Chromium | 400 ug/L |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cobalt | 400 ug/L |
| | | | | | | | Copper | 400 ug/L |
| | | | | | | | Iron | 12000 ug/L |
| | | | | | | | Lead | 120 ug/L |
| | | | | | | | Magnesium | 20000 ug/L |
| | | | | | | | Manganese | 800 ug/L |
| | | | | | | | Nickel | 400 ug/L |
| | | | | | | | Potassium | 20000 ug/L |
| | | | | | | | Selenium | 250 ug/L |
| | | | | | | | Silver | 200 ug/L |
| | | | | | | | Sodium | 20000 ug/L |
| | | | | | | | Thallium | 80 ug/L |
| | | | | | | | Vanadium | 400 ug/L |
| | | | | | | | Zinc | 1600 ug/L |
| **me_Cal5_00222** | 04/30/25 | 01/07/25 | 5%HCL:5%HNO3, Lot 12080505 | 500 mL | ME_ms-Cal-Int_00027 | 25 mL | Silver | 100 ug/L |
| | | | | | | | Zinc | 500 ug/L |
| | | | | | me_TA-Cal1_00015 | 1 mL | Antimony | 200 ug/L |
| | | | | | | | Arsenic | 200 ug/L |
| | | | | | | | Barium | 200 ug/L |
| | | | | | | | Beryllium | 200 ug/L |
| | | | | | | | Cadmium | 200 ug/L |
| | | | | | | | Chromium | 200 ug/L |
| | | | | | | | Cobalt | 200 ug/L |
| | | | | | | | Copper | 200 ug/L |
| | | | | | | | Lead | 200 ug/L |
| | | | | | | | Manganese | 200 ug/L |
| | | | | | | | Nickel | 200 ug/L |
| | | | | | | | Selenium | 200 ug/L |
| | | | | | | | Thallium | 200 ug/L |
| | | | | | | | Vanadium | 200 ug/L |
| | | | | | me_TA-Cal2_00016 | 12.5 mL | Aluminum | 50000 ug/L |
| | | | | | | | Calcium | 50000 ug/L |
| | | | | | | | Iron | 50000 ug/L |
| | | | | | | | Magnesium | 50000 ug/L |
| | | | | | | | Potassium | 50000 ug/L |
| | | | | | | | Sodium | 50000 ug/L |
| .ME_ms-Cal-Int_00027 | 04/30/25 | 01/07/25 | 5%HCL:5%HNO3, Lot 11035903 | 200 mL | ME_Ag-1st_00006 | 0.4 mL | Silver | 2000 ug/L |
| | | | | | ME_Zn-1st_00008 | 2 mL | Zinc | 10000 ug/L |
| ..ME_Ag-1st_00006 | 04/30/25 | Agilent Technologies, Lot 0133918920 | | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| ..ME_Zn-1st_00008 | 08/08/25 | CPI, Lot 1459124 | | | (Purchased Reagent) | | Zinc | 1000000 ug/L |
| .me_TA-Cal1_00015 | 04/20/26 | CPI International, Lot 1448273 | | | (Purchased Reagent) | | Antimony | 100000 ug/L |
| | | | | | | | Arsenic | 100000 ug/L |
| | | | | | | | Barium | 100000 ug/L |
| | | | | | | | Beryllium | 100000 ug/L |
| | | | | | | | Cadmium | 100000 ug/L |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chromium | 100000 ug/L |
| | | | | | | | Cobalt | 100000 ug/L |
| | | | | | | | Copper | 100000 ug/L |
| | | | | | | | Lead | 100000 ug/L |
| | | | | | | | Manganese | 100000 ug/L |
| | | | | | | | Nickel | 100000 ug/L |
| | | | | | | | Selenium | 100000 ug/L |
| | | | | | | | Thallium | 100000 ug/L |
| | | | | | | | Vanadium | 100000 ug/L |
| .me_TA-Cal2_00016 | 02/24/26 | CPI International, Lot 1437071 | | | (Purchased Reagent) | | Aluminum | 2000000 ug/L |
| | | | | | | | Calcium | 2000000 ug/L |
| | | | | | | | Iron | 2000000 ug/L |
| | | | | | | | Magnesium | 2000000 ug/L |
| | | | | | | | Potassium | 2000000 ug/L |
| | | | | | | | Sodium | 2000000 ug/L |
| **me_Cal5_00227** | 02/22/25 | 02/08/25 | 5%HCL:5%HNO3, Lot 12080505 | 500 mL | ME_ms-Cal-Int_00024 | 25 mL | Silver | 100 ug/L |
| | | | | | | | Zinc | 500 ug/L |
| | | | | | me_TA-Cal1_00015 | 1 mL | Antimony | 200 ug/L |
| | | | | | | | Arsenic | 200 ug/L |
| | | | | | | | Barium | 200 ug/L |
| | | | | | | | Beryllium | 200 ug/L |
| | | | | | | | Cadmium | 200 ug/L |
| | | | | | | | Chromium | 200 ug/L |
| | | | | | | | Cobalt | 200 ug/L |
| | | | | | | | Copper | 200 ug/L |
| | | | | | | | Lead | 200 ug/L |
| | | | | | | | Manganese | 200 ug/L |
| | | | | | | | Nickel | 200 ug/L |
| | | | | | | | Selenium | 200 ug/L |
| | | | | | | | Thallium | 200 ug/L |
| | | | | | | | Vanadium | 200 ug/L |
| | | | | | me_TA-Cal2_00016 | 12.5 mL | Aluminum | 50000 ug/L |
| | | | | | | | Calcium | 50000 ug/L |
| | | | | | | | Iron | 50000 ug/L |
| | | | | | | | Magnesium | 50000 ug/L |
| | | | | | | | Potassium | 50000 ug/L |
| | | | | | | | Sodium | 50000 ug/L |
| .ME_ms-Cal-Int_00024 | 02/22/25 | 08/23/24 | 5%HCL:5%HNO3, Lot 11035903 | 200 mL | ME_Ag-1st_00006 | 0.4 mL | Silver | 2000 ug/L |
| | | | | | ME_Zn-1st_00008 | 2 mL | Zinc | 10000 ug/L |
| ..ME_Ag-1st_00006 | 04/30/25 | Agilent Technologies, Lot 0133918920 | | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| ..ME_Zn-1st_00008 | 08/08/25 | CPI, Lot 1459124 | | | (Purchased Reagent) | | Zinc | 1000000 ug/L |
| .me_TA-Cal1_00015 | 04/20/26 | CPI International, Lot 1448273 | | | (Purchased Reagent) | | Antimony | 100000 ug/L |
| | | | | | | | Arsenic | 100000 ug/L |
| | | | | | | | Barium | 100000 ug/L |
| | | | | | | | Beryllium | 100000 ug/L |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cadmium | 100000 ug/L |
| | | | | | | | Chromium | 100000 ug/L |
| | | | | | | | Cobalt | 100000 ug/L |
| | | | | | | | Copper | 100000 ug/L |
| | | | | | | | Lead | 100000 ug/L |
| | | | | | | | Manganese | 100000 ug/L |
| | | | | | | | Nickel | 100000 ug/L |
| | | | | | | | Selenium | 100000 ug/L |
| | | | | | | | Thallium | 100000 ug/L |
| | | | | | | | Vanadium | 100000 ug/L |
| .me_TA-Cal2_00016 | 02/24/26 | CPI International, Lot 1437071 | | | (Purchased Reagent) | | Aluminum | 2000000 ug/L |
| | | | | | | | Calcium | 2000000 ug/L |
| | | | | | | | Iron | 2000000 ug/L |
| | | | | | | | Magnesium | 2000000 ug/L |
| | | | | | | | Potassium | 2000000 ug/L |
| | | | | | | | Sodium | 2000000 ug/L |
| **ME_DCAL-IN_04764** | 02/11/25 | 02/10/25 | 0.15%HNO3, Lot ME 0.15% HNO3 00125 | 100 mL | ME_Hg_1st_00032 | 1 mL | Mercury | 100 ug/L |
| .ME_Hg_1st_00032 | 10/29/25 | SCP Science, Lot S241007014 | | | (Purchased Reagent) | | Mercury | 10000 ug/L |
| **ME_DQCS-INT_04493** | 02/11/25 | 02/10/25 | 0.15%HNO3, Lot ME 0.15% HNO3 00125 | 100 mL | ME_Hg_00066 | 1 mL | Mercury | 100 ug/L |
| .ME_Hg_00066 | 10/22/25 | Inorganic Ventures, Lot V2-HG743677 | | | (Purchased Reagent) | | Mercury | 10000 ug/L |
| **me_ICSA_00277** | 02/13/25 | 02/06/25 | 5%HCL:5%HNO3, Lot 12080505 | 200 mL | ME_MS-ICSA_00014 | 20 mL | Aluminum | 100000 ug/L |
| | | | | | | | Calcium | 100000 ug/L |
| | | | | | | | Iron | 100000 ug/L |
| | | | | | | | Magnesium | 100000 ug/L |
| | | | | | | | Mo | 2000 ug/L |
| | | | | | | | Potassium | 100000 ug/L |
| | | | | | | | Sodium | 100000 ug/L |
| | | | | | | | Ti | 2000 ug/L |
| .ME_MS-ICSA_00014 | 05/30/25 | CPI International, Lot 1401663 | | | (Purchased Reagent) | | Aluminum | 1000000 ug/L |
| | | | | | | | Calcium | 1000000 ug/L |
| | | | | | | | Iron | 1000000 ug/L |
| | | | | | | | Magnesium | 1000000 ug/L |
| | | | | | | | Mo | 20000 ug/L |
| | | | | | | | Potassium | 1000000 ug/L |
| | | | | | | | Sodium | 1000000 ug/L |
| | | | | | | | Ti | 20000 ug/L |
| **me_ICSAB_00237** | 02/13/25 | 02/06/25 | 5%HCL:5%HNO3, Lot 12080505 | 200 mL | ME_Ag-1st_00006 | 0.04 mL | Silver | 200 ug/L |
| | | | | | ME_MS-ICSA_00014 | 20 mL | Aluminum | 100000 ug/L |
| | | | | | | | Calcium | 100000 ug/L |
| | | | | | | | Iron | 100000 ug/L |
| | | | | | | | Magnesium | 100000 ug/L |
| | | | | | | | Mo | 2000 ug/L |
| | | | | | | | Potassium | 100000 ug/L |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Sodium | 100000 ug/L |
| | | | | | | | Ti | 2000 ug/L |
| | | | | | ME_ms_ICSAB_00009 | 4 mL | Antimony | 100 ug/L |
| | | | | | | | Arsenic | 200 ug/L |
| | | | | | | | Barium | 200 ug/L |
| | | | | | | | Beryllium | 200 ug/L |
| | | | | | | | Cadmium | 200 ug/L |
| | | | | | | | Chromium | 200 ug/L |
| | | | | | | | Cobalt | 200 ug/L |
| | | | | | | | Copper | 200 ug/L |
| | | | | | | | Lead | 200 ug/L |
| | | | | | | | Manganese | 200 ug/L |
| | | | | | | | Nickel | 200 ug/L |
| | | | | | | | Selenium | 200 ug/L |
| | | | | | | | Sn | 200 ug/L |
| | | | | | | | Sr | 200 ug/L |
| | | | | | | | Thallium | 100 ug/L |
| | | | | | | | Vanadium | 200 ug/L |
| | | | | | ME_Zn-1st_00008 | 0.04 mL | Zinc | 200 ug/L |
| .ME_Ag-1st_00006 | 04/30/25 | Agilent Technologies, Lot 0133918920 | | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| .ME_MS-ICSA_00014 | 05/30/25 | CPI International, Lot 1401663 | | | (Purchased Reagent) | | Aluminum | 1000000 ug/L |
| | | | | | | | Calcium | 1000000 ug/L |
| | | | | | | | Iron | 1000000 ug/L |
| | | | | | | | Magnesium | 1000000 ug/L |
| | | | | | | | Mo | 20000 ug/L |
| | | | | | | | Potassium | 1000000 ug/L |
| | | | | | | | Sodium | 1000000 ug/L |
| | | | | | | | Ti | 20000 ug/L |
| .ME_ms_ICSAB_00009 | 02/15/25 | CPI International, Lot 1243971-1 | | | (Purchased Reagent) | | Antimony | 5000 ug/L |
| | | | | | | | Arsenic | 10000 ug/L |
| | | | | | | | Barium | 10000 ug/L |
| | | | | | | | Beryllium | 10000 ug/L |
| | | | | | | | Cadmium | 10000 ug/L |
| | | | | | | | Chromium | 10000 ug/L |
| | | | | | | | Cobalt | 10000 ug/L |
| | | | | | | | Copper | 10000 ug/L |
| | | | | | | | Lead | 10000 ug/L |
| | | | | | | | Manganese | 10000 ug/L |
| | | | | | | | Nickel | 10000 ug/L |
| | | | | | | | Selenium | 10000 ug/L |
| | | | | | | | Sn | 10000 ug/L |
| | | | | | | | Sr | 10000 ug/L |
| | | | | | | | Thallium | 5000 ug/L |
| | | | | | | | Vanadium | 10000 ug/L |
| .ME_Zn-1st_00008 | 08/08/25 | CPI, Lot 1459124 | | | (Purchased Reagent) | | Zinc | 1000000 ug/L |
| **me_ICSAB_00238** | 02/15/25 | 02/08/25 | 5%HCL:5%HNO3, Lot 12080505 | 200 mL | ME_Ag-1st_00006 | 0.04 mL | Silver | 200 ug/L |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | ME_MS-ICSA_00014 | 20 mL | Aluminum | 100000 ug/L |
| | | | | | | | Calcium | 100000 ug/L |
| | | | | | | | Iron | 100000 ug/L |
| | | | | | | | Magnesium | 100000 ug/L |
| | | | | | | | Mo | 2000 ug/L |
| | | | | | | | Potassium | 100000 ug/L |
| | | | | | | | Sodium | 100000 ug/L |
| | | | | | | | Ti | 2000 ug/L |
| | | | | | ME_ms_ICSAB_00009 | 4 mL | Antimony | 100 ug/L |
| | | | | | | | Arsenic | 200 ug/L |
| | | | | | | | Barium | 200 ug/L |
| | | | | | | | Beryllium | 200 ug/L |
| | | | | | | | Cadmium | 200 ug/L |
| | | | | | | | Chromium | 200 ug/L |
| | | | | | | | Cobalt | 200 ug/L |
| | | | | | | | Copper | 200 ug/L |
| | | | | | | | Lead | 200 ug/L |
| | | | | | | | Manganese | 200 ug/L |
| | | | | | | | Nickel | 200 ug/L |
| | | | | | | | Selenium | 200 ug/L |
| | | | | | | | Sn | 200 ug/L |
| | | | | | | | Sr | 200 ug/L |
| | | | | | | | Thallium | 100 ug/L |
| | | | | | | | Vanadium | 200 ug/L |
| | | | | | ME_Zn-1st_00008 | 0.04 mL | Zinc | 200 ug/L |
| .ME_Ag-1st_00006 | 04/30/25 | Agilent Technologies, Lot 0133918920 | | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| .ME_MS-ICSA_00014 | 05/30/25 | CPI International, Lot 1401663 | | | (Purchased Reagent) | | Aluminum | 1000000 ug/L |
| | | | | | | | Calcium | 1000000 ug/L |
| | | | | | | | Iron | 1000000 ug/L |
| | | | | | | | Magnesium | 1000000 ug/L |
| | | | | | | | Mo | 20000 ug/L |
| | | | | | | | Potassium | 1000000 ug/L |
| | | | | | | | Sodium | 1000000 ug/L |
| | | | | | | | Ti | 20000 ug/L |
| .ME_ms_ICSAB_00009 | 02/15/25 | CPI International, Lot 1243971-1 | | | (Purchased Reagent) | | Antimony | 5000 ug/L |
| | | | | | | | Arsenic | 10000 ug/L |
| | | | | | | | Barium | 10000 ug/L |
| | | | | | | | Beryllium | 10000 ug/L |
| | | | | | | | Cadmium | 10000 ug/L |
| | | | | | | | Chromium | 10000 ug/L |
| | | | | | | | Cobalt | 10000 ug/L |
| | | | | | | | Copper | 10000 ug/L |
| | | | | | | | Lead | 10000 ug/L |
| | | | | | | | Manganese | 10000 ug/L |
| | | | | | | | Nickel | 10000 ug/L |
| | | | | | | | Selenium | 10000 ug/L |
| | | | | | | | Sn | 10000 ug/L |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Sr | 10000 ug/L |
| | | | | | | | Thallium | 5000 ug/L |
| | | | | | | | Vanadium | 10000 ug/L |
| .ME_Zn-1st_00008 | 08/08/25 | CPI, Lot 1459124 | | | (Purchased Reagent) | | Zinc | 1000000 ug/L |
| **ME_ipmsSPK_00054** | 08/31/25 | High-Purity Standards, Lot 2422128-500 | | | (Purchased Reagent) | | Aluminum | 500000 ug/L |
| | | | | | | | Antimony | 5000 ug/L |
| | | | | | | | Arsenic | 10000 ug/L |
| | | | | | | | Barium | 10000 ug/L |
| | | | | | | | Beryllium | 5000 ug/L |
| | | | | | | | Cadmium | 5000 ug/L |
| | | | | | | | Calcium | 500000 ug/L |
| | | | | | | | Chromium | 10000 ug/L |
| | | | | | | | Cobalt | 5000 ug/L |
| | | | | | | | Copper | 10000 ug/L |
| | | | | | | | Iron | 500000 ug/L |
| | | | | | | | Lead | 5000 ug/L |
| | | | | | | | Magnesium | 500000 ug/L |
| | | | | | | | Manganese | 50000 ug/L |
| | | | | | | | Nickel | 10000 ug/L |
| | | | | | | | Potassium | 500000 ug/L |
| | | | | | | | Selenium | 10000 ug/L |
| | | | | | | | Silver | 5000 ug/L |
| | | | | | | | Sodium | 500000 ug/L |
| | | | | | | | Thallium | 4000 ug/L |
| | | | | | | | Vanadium | 10000 ug/L |
| | | | | | | | Zinc | 50000 ug/L |
| **ME_ipmsSPK_00055** | 11/30/25 | High-Purity Standards, Lot 2430207-500 | | | (Purchased Reagent) | | Aluminum | 500000 ug/L |
| | | | | | | | Antimony | 5000 ug/L |
| | | | | | | | Arsenic | 10000 ug/L |
| | | | | | | | B | 100000 ug/L |
| | | | | | | | Barium | 10000 ug/L |
| | | | | | | | Beryllium | 5000 ug/L |
| | | | | | | | Cadmium | 5000 ug/L |
| | | | | | | | Calcium | 500000 ug/L |
| | | | | | | | Chromium | 10000 ug/L |
| | | | | | | | Cobalt | 5000 ug/L |
| | | | | | | | Copper | 10000 ug/L |
| | | | | | | | Iron | 500000 ug/L |
| | | | | | | | Lead | 5000 ug/L |
| | | | | | | | Magnesium | 500000 ug/L |
| | | | | | | | Manganese | 50000 ug/L |
| | | | | | | | Mo | 10000 ug/L |
| | | | | | | | Nickel | 10000 ug/L |
| | | | | | | | Potassium | 500000 ug/L |
| | | | | | | | Selenium | 10000 ug/L |
| | | | | | | | Silver | 5000 ug/L |
| | | | | | | | Sn | 10000 ug/L |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Sodium | 500000 ug/L |
| | | | | | | | Sr | 10000 ug/L |
| | | | | | | | Thallium | 4000 ug/L |
| | | | | | | | Ti | 10000 ug/L |
| | | | | | | | Vanadium | 10000 ug/L |
| | | | | | | | Zinc | 50000 ug/L |
| **ME_LCSS_124_00003** | 07/11/27 | | ERA, Lot D124-540 | | (Purchased Reagent) | | Aluminum | 5940 mg/Kg |
| | | | | | | | Antimony | 121 mg/Kg |
| | | | | | | | Arsenic | 242 mg/Kg |
| | | | | | | | B | 159 mg/Kg |
| | | | | | | | Barium | 295 mg/Kg |
| | | | | | | | Beryllium | 160 mg/Kg |
| | | | | | | | Cadmium | 84.3 mg/Kg |
| | | | | | | | Calcium | 5270 mg/Kg |
| | | | | | | | Chromium | 213 mg/Kg |
| | | | | | | | Cobalt | 137 mg/Kg |
| | | | | | | | Copper | 195 mg/Kg |
| | | | | | | | Iron | 6650 mg/Kg |
| | | | | | | | Lead | 194 mg/Kg |
| | | | | | | | Magnesium | 1860 mg/Kg |
| | | | | | | | Manganese | 264 mg/Kg |
| | | | | | | | Mercury | 22.8 mg/Kg |
| | | | | | | | Mo | 93.5 mg/Kg |
| | | | | | | | Nickel | 298 mg/Kg |
| | | | | | | | Potassium | 2010 mg/Kg |
| | | | | | | | Selenium | 272 mg/Kg |
| | | | | | | | Silver | 76.7 mg/Kg |
| | | | | | | | Sn | 88 mg/Kg |
| | | | | | | | Sodium | 406 mg/Kg |
| | | | | | | | Sr | 90.8 mg/Kg |
| | | | | | | | Thallium | 108 mg/Kg |
| | | | | | | | Ti | 172 mg/Kg |
| | | | | | | | Vanadium | 169 mg/Kg |
| | | | | | | | Zinc | 236 mg/Kg |
| **me_LR-A_00061** | 02/17/25 | 02/03/25 | 5%HCL:5%HNO3, Lot 11124408 | 500 mL | ME_As_00016 | 0.25 mL | Arsenic | 5000 ug/L |
| | | | | | ME_Ba_00016 | 1 mL | Barium | 20000 ug/L |
| | | | | | me_Be_00017 | 0.1 mL | Beryllium | 2000 ug/L |
| | | | | | ME_Cd_00016 | 0.25 mL | Cadmium | 5000 ug/L |
| | | | | | ME_Co_00016 | 0.1 mL | Cobalt | 2000 ug/L |
| | | | | | me_Cr_00019 | 1 mL | Chromium | 20000 ug/L |
| | | | | | ME_Cu_00016 | 1 mL | Copper | 20000 ug/L |
| | | | | | me_Mn_00019 | 1 mL | Manganese | 20000 ug/L |
| | | | | | ME_Ni_00017 | 1 mL | Nickel | 20000 ug/L |
| | | | | | ME_Pb_00015 | 1 mL | Lead | 20000 ug/L |
| | | | | | ME_TL_00019 | 0.05 mL | Thallium | 1000 ug/L |
| | | | | | ME_V_00021 | 0.25 mL | Vanadium | 5000 ug/L |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | ME_Zn_00017 | 1 mL | Zinc | 20000 ug/L |
| .ME_As_00016 | 08/08/25 | | Agilent, Lot 1440494 | | (Purchased Reagent) | | Arsenic | 10000000 ug/L |
| .ME_Ba_00016 | 06/24/25 | | Agilent, Lot 1431568 | | (Purchased Reagent) | | Barium | 10000000 ug/L |
| .me_Be_00017 | 11/11/25 | | Agilent, Lot 1452403 | | (Purchased Reagent) | | Beryllium | 10000000 ug/L |
| .ME_Cd_00016 | 04/18/25 | | Agilent, Lot 1450166 | | (Purchased Reagent) | | Cadmium | 10000000 ug/L |
| .ME_Co_00016 | 04/18/25 | | Agilent, Lot 1428156 | | (Purchased Reagent) | | Cobalt | 10000000 ug/L |
| .me_Cr_00019 | 02/28/25 | | Agilent, Lot 0013615477 | | (Purchased Reagent) | | Chromium | 10000000 ug/L |
| .ME_Cu_00016 | 04/18/25 | | Agilent, Lot 1442431 | | (Purchased Reagent) | | Copper | 10000000 ug/L |
| .me_Mn_00019 | 11/11/25 | | Agilent, Lot 1455387 | | (Purchased Reagent) | | Manganese | 10000000 ug/L |
| .ME_Ni_00017 | 04/18/25 | | Agilent, Lot 1427305 | | (Purchased Reagent) | | Nickel | 10000000 ug/L |
| .ME_Pb_00015 | 04/30/25 | | Agilent Technologies, Lot 0013824586 | | (Purchased Reagent) | | Lead | 10000000 ug/L |
| .ME_TL_00019 | 11/11/25 | | Agilent, Lot 1472402 | | (Purchased Reagent) | | Thallium | 10000000 ug/L |
| .ME_V_00021 | 01/16/26 | | Agilent, Lot 1441242 | | (Purchased Reagent) | | Vanadium | 10000000 ug/L |
| .ME_Zn_00017 | 02/20/25 | | Agilent, Lot 1410237 | | (Purchased Reagent) | | Zinc | 10000000 ug/L |
| **me_LR-B_00030** | 02/17/25 | 02/03/25 | 5%HCL:5%HNO3, Lot 11209783 | 500 mL | ME_AL_00032 | 25 mL | Aluminum | 500000 ug/L |
| | | | | | me_Fe_00022 | 25 mL | Iron | 500000 ug/L |
| | | | | | ME_K_00023 | 25 mL | Potassium | 500000 ug/L |
| | | | | | me_Mg_00029 | 25 mL | Magnesium | 500000 ug/L |
| | | | | | ME_Na_00026 | 25 mL | Sodium | 500000 ug/L |
| .ME_AL_00032 | 04/30/25 | | Agilent, Lot 0013690416 | | (Purchased Reagent) | | Aluminum | 10000000 ug/L |
| .me_Fe_00022 | 11/18/25 | | Agilent, Lot 0001421669 | | (Purchased Reagent) | | Iron | 10000000 ug/L |
| .ME_K_00023 | 08/02/25 | | Agilent, Lot 1441336 | | (Purchased Reagent) | | Potassium | 10000000 ug/L |
| .me_Mg_00029 | 06/24/25 | | Agilent, Lot 1428183 | | (Purchased Reagent) | | Magnesium | 10000000 ug/L |
| .ME_Na_00026 | 01/16/26 | | Agilent, Lot 1436516 | | (Purchased Reagent) | | Sodium | 10000000 ug/L |
| **me_LR-C_00013** | 02/17/25 | 02/03/25 | 5%HCL:5%HNO3, Lot 11124409 | 500 mL | ME_Ag-1st_00006 | 0.5 mL | Silver | 1000 ug/L |
| | | | | | ME_Ca_00024 | 50 mL | Calcium | 1000000 ug/L |
| | | | | | ME_Sb_00021 | 0.05 mL | Antimony | 1000 ug/L |
| | | | | | ME_Se_00018 | 0.15 mL | Selenium | 3000 ug/L |
| .ME_Ag-1st_00006 | 04/30/25 | | Agilent Technologies, Lot 0133918920 | | (Purchased Reagent) | | Silver | 1000000 ug/L |
| .ME_Ca_00024 | 04/30/25 | | Agilent, Lot 0134015815 | | (Purchased Reagent) | | Calcium | 10000000 ug/L |
| .ME_Sb_00021 | 08/08/25 | | Agilent, Lot 1450644 | | (Purchased Reagent) | | Antimony | 10000000 ug/L |
| .ME_Se_00018 | 08/08/25 | | Agilent, Lot 1442432 | | (Purchased Reagent) | | Selenium | 10000000 ug/L |
| **MIX 2 Hi_00154** | 11/01/24 | 10/01/24 | MeOH, Lot EI863-US | 5 mL | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 500 ug/mL |
| | | | | | | | Butyl Methacrylate | 500 ug/mL |
| | | | | | | | Cyclopentene | 500 ug/mL |
| | | | | | | | Isopropyl acetate | 500 ug/mL |
| | | | | | | | Methyl acrylate | 500 ug/mL |
| | | | | | | | n-Butyl acrylate | 500 ug/mL |
| | | | | | | | n-Propyl acetate | 500 ug/mL |
| | | | | | | | p-Diethylbenzene | 500 ug/mL |
| | | | | | | | Pentane | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 500 ug/mL |
| | | | | | | | 2-Nitropropane | 1000 ug/mL |
| | | | | | | | Benzyl chloride | 500 ug/mL |
| | | | | | | | Isooctane | 500 ug/mL |
| | | | | | | | Isopropyl alcohol | 5000 ug/mL |
| | | | | | | | Methacrylonitrile | 5000 ug/mL |
| | | | | | | | n-Butanol | 12500 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 1000 ug/mL |
| | | | | | | | Ethyl acrylate | 500 ug/mL |
| | | | | | | | Methyl methacrylate | 1000 ug/mL |
| | | | | | | | n-Butyl acetate | 500 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 5000 ug/mL |
| | | | | | | | Isopropyl ether | 500 ug/mL |
| | | | | | | | Propionitrile | 5000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 500 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| **MIX 2 Hi_00157** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | 2-CEVEC_00031 | 1 mL | 2-Chloroethyl vinyl ether | 501.2 ug/mL |
| | | | | | Extra Cmpd_00024 | 1 mL | 1,2,4,5-Tetramethylbenzene | 500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 500 ug/mL |
| | | | | | | | Butyl Methacrylate | 500 ug/mL |
| | | | | | | | Isopropyl acetate | 500 ug/mL |
| | | | | | | | Methyl acrylate | 500 ug/mL |
| | | | | | | | n-Butyl acrylate | 500 ug/mL |
| | | | | | | | n-Propyl acetate | 500 ug/mL |
| | | | | | | | p-Diethylbenzene | 500 ug/mL |
| | | | | | | | Pentane | 1000 ug/mL |
| | | | | | LIST2/STD6_00023 | 1 mL | 1,2,3-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 500 ug/mL |
| | | | | | | | 2-Nitropropane | 1000 ug/mL |
| | | | | | | | Benzyl chloride | 500 ug/mL |
| | | | | | | | Isooctane | 500 ug/mL |
| | | | | | | | Isopropyl alcohol | 5000 ug/mL |
| | | | | | | | Methacrylonitrile | 5000 ug/mL |
| | | | | | | | n-Butanol | 12500 ug/mL |
| | | | | | LIST2/STD7_00026 | 1 mL | Ethyl acetate | 1000 ug/mL |
| | | | | | | | Ethyl acrylate | 500 ug/mL |
| | | | | | | | Methyl methacrylate | 1000 ug/mL |
| | | | | | | | n-Butyl acetate | 500 ug/mL |
| | | | | | POLAR ADD_00030 | 1 mL | Acetonitrile | 5000 ug/mL |
| | | | | | | | Isopropyl ether | 500 ug/mL |
| | | | | | | | Propionitrile | 5000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 500 ug/mL |
| .2-CEVEC_00031 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .Extra Cmpd_00024 | 09/29/25 | | Absolute, Lot 092922 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .LIST2/STD6_00023 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00026 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .POLAR ADD_00030 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| **MIX 2 Hi_00158** | 02/28/25 | 01/30/25 | MeOH, Lot EI863-US | 5 mL | 2-CEVEC_00032 | 1 mL | 2-Chloroethyl vinyl ether | 501.2 ug/mL |
| | | | | | Extra Cmpd_00025 | 1 mL | 1,2,4,5-Tetramethylbenzene | 500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 500 ug/mL |
| | | | | | | | Butyl Methacrylate | 500 ug/mL |
| | | | | | | | Cyclopentene | 500 ug/mL |
| | | | | | | | Isopropyl acetate | 500 ug/mL |
| | | | | | | | Methyl acrylate | 500 ug/mL |
| | | | | | | | n-Butyl acrylate | 500 ug/mL |
| | | | | | | | n-Propyl acetate | 500 ug/mL |
| | | | | | | | p-Diethylbenzene | 500 ug/mL |
| | | | | | | | Pentane | 1000 ug/mL |
| | | | | | LIST2/STD6_00024 | 1 mL | 1,2,3-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 500 ug/mL |
| | | | | | | | 2-Nitropropane | 1000 ug/mL |
| | | | | | | | Benzyl chloride | 500 ug/mL |
| | | | | | | | Isooctane | 500 ug/mL |
| | | | | | | | Isopropyl alcohol | 5000 ug/mL |
| | | | | | | | Methacrylonitrile | 5000 ug/mL |
| | | | | | | | n-Butanol | 12500 ug/mL |
| | | | | | LIST2/STD7_00027 | 1 mL | Ethyl acetate | 1000 ug/mL |
| | | | | | | | Ethyl acrylate | 500 ug/mL |
| | | | | | | | Methyl methacrylate | 1000 ug/mL |
| | | | | | | | n-Butyl acetate | 500 ug/mL |
| | | | | | POLAR ADD_00031 | 1 mL | Acetonitrile | 5000 ug/mL |
| | | | | | | | Isopropyl ether | 500 ug/mL |
| | | | | | | | Propionitrile | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Tert-amyl methyl ether | 500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 500 ug/mL |
| .2-CEVEC_00032 | 06/30/27 | | RESTEK, Lot A0213181 | | (Purchased Reagent) | | 2-Chloroethyl vinyl ether | 2506 ug/mL |
| .Extra Cmpd_00025 | 01/08/28 | | Absolute, Lot 010825 | | (Purchased Reagent) | | 1,2,4,5-Tetramethylbenzene | 2500 ug/mL |
| | | | | | | | 2,3-Dihydroindene | 2500 ug/mL |
| | | | | | | | 2-Methyl-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 4-Ethyltoluene | 2500 ug/mL |
| | | | | | | | Amyl acetate (mixed isomers) | 2500 ug/mL |
| | | | | | | | Butyl Methacrylate | 2500 ug/mL |
| | | | | | | | Cyclopentene | 2500 ug/mL |
| | | | | | | | Isopropyl acetate | 2500 ug/mL |
| | | | | | | | Methyl acrylate | 2500 ug/mL |
| | | | | | | | n-Butyl acrylate | 2500 ug/mL |
| | | | | | | | n-Propyl acetate | 2500 ug/mL |
| | | | | | | | p-Diethylbenzene | 2500 ug/mL |
| | | | | | | | Pentane | 5000 ug/mL |
| .LIST2/STD6_00024 | 03/31/26 | | RESTEK, Lot A0216327 | | (Purchased Reagent) | | 1,2,3-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3,5-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 2-Chloro-1,3-butadiene | 2500 ug/mL |
| | | | | | | | 2-Nitropropane | 5000 ug/mL |
| | | | | | | | Benzyl chloride | 2500 ug/mL |
| | | | | | | | Isooctane | 2500 ug/mL |
| | | | | | | | Isopropyl alcohol | 25000 ug/mL |
| | | | | | | | Methacrylonitrile | 25000 ug/mL |
| | | | | | | | n-Butanol | 62500 ug/mL |
| .LIST2/STD7_00027 | 01/31/26 | | RESTEK, Lot A0213624 | | (Purchased Reagent) | | Ethyl acetate | 5000 ug/mL |
| | | | | | | | Ethyl acrylate | 2500 ug/mL |
| | | | | | | | Methyl methacrylate | 5000 ug/mL |
| | | | | | | | n-Butyl acetate | 2500 ug/mL |
| .POLAR ADD_00031 | 04/30/26 | | RESTEK, Lot A0210249 | | (Purchased Reagent) | | Acetonitrile | 25000 ug/mL |
| | | | | | | | Isopropyl ether | 2500 ug/mL |
| | | | | | | | Propionitrile | 25000 ug/mL |
| | | | | | | | Tert-amyl methyl ether | 2500 ug/mL |
| | | | | | | | Tert-butyl ethyl ether | 2500 ug/mL |
| **MIX I Hi_00181** | 11/01/24 | 10/01/24 | MeOH, Lot EI863-US | 5 mL | EPICH(working_00014 | 0.5 mL | Epichlorohydrin | 10000 ug/mL |
| | | | | | KetonesC_00029 | 1 mL | 2-Butanone (MEK) | 2500 ug/mL |
| | | | | | | | 2-Hexanone | 2500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL |
| | | | | | | | Acetone | 2500 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1-Dichloropropene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,4-Dioxane | 10000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 5000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 500 ug/mL |
| | | | | | | | Acrylonitrile | 5000 ug/mL |
| | | | | | | | Benzene | 500 ug/mL |
| | | | | | | | Bromobenzene | 500 ug/mL |
| | | | | | | | Bromoform | 500 ug/mL |
| | | | | | | | Carbon disulfide | 500 ug/mL |
| | | | | | | | Carbon tetrachloride | 500 ug/mL |
| | | | | | | | Chlorobenzene | 500 ug/mL |
| | | | | | | | Chlorobromomethane | 500 ug/mL |
| | | | | | | | Chlorodibromomethane | 500 ug/mL |
| | | | | | | | Chloroform | 500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | Cyclohexane | 500 ug/mL |
| | | | | | | | Dibromomethane | 500 ug/mL |
| | | | | | | | Dichlorobromomethane | 500 ug/mL |
| | | | | | | | Ethyl ether | 500 ug/mL |
| | | | | | | | Ethyl methacrylate | 500 ug/mL |
| | | | | | | | Ethylbenzene | 500 ug/mL |
| | | | | | | | Ethylene Dibromide | 500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 500 ug/mL |
| | | | | | | | Hexane | 500 ug/mL |
| | | | | | | | Iodomethane | 500 ug/mL |
| | | | | | | | Isobutyl alcohol | 12500 ug/mL |
| | | | | | | | Isopropylbenzene | 500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 500 ug/mL |
| | | | | | | | Methyl acetate | 1000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methylcyclohexane | 500 ug/mL |
| | | | | | | | Methylene Chloride | 500 ug/mL |
| | | | | | | | n-Butylbenzene | 500 ug/mL |
| | | | | | | | n-Heptane | 500 ug/mL |
| | | | | | | | N-Propylbenzene | 500 ug/mL |
| | | | | | | | Naphthalene | 500 ug/mL |
| | | | | | | | o-Xylene | 500 ug/mL |
| | | | | | | | sec-Butylbenzene | 500 ug/mL |
| | | | | | | | Styrene | 500 ug/mL |
| | | | | | | | tert-Butylbenzene | 500 ug/mL |
| | | | | | | | Tetrachloroethene | 500 ug/mL |
| | | | | | | | Tetrahydrofuran | 1000 ug/mL |
| | | | | | | | Toluene | 500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 500 ug/mL |
| | | | | | | | Trichloroethene | 500 ug/mL |
| | | | | | Vinyl Acetate_00101 | 1 mL | Vinyl acetate | 1000 ug/mL |
| .EPICH(working_00014 | 09/24/25 | 04/27/24 | MeOH, Lot 22L0562016 | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .KetonesC_00029 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .Vinyl Acetate_00101 | 09/30/25 | RESTEK, Lot A0209567 | | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **MIX I Hi_00184** | 01/31/25 | 12/31/24 | MeOH, Lot EI863-US | 5 mL | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 10000 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 2500 ug/mL |
| | | | | | | | 2-Hexanone | 2500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL |
| | | | | | | | Acetone | 2500 ug/mL |
| | | | | | Mega Mix_00042 | 1 mL | 1,1,1,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,4-Dioxane | 10000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 5000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 500 ug/mL |
| | | | | | | | Acrylonitrile | 5000 ug/mL |
| | | | | | | | Benzene | 500 ug/mL |
| | | | | | | | Bromobenzene | 500 ug/mL |
| | | | | | | | Bromoform | 500 ug/mL |
| | | | | | | | Carbon disulfide | 500 ug/mL |
| | | | | | | | Carbon tetrachloride | 500 ug/mL |
| | | | | | | | Chlorobenzene | 500 ug/mL |
| | | | | | | | Chlorobromomethane | 500 ug/mL |
| | | | | | | | Chlorodibromomethane | 500 ug/mL |
| | | | | | | | Chloroform | 500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | Cyclohexane | 500 ug/mL |
| | | | | | | | Dibromomethane | 500 ug/mL |
| | | | | | | | Dichlorobromomethane | 500 ug/mL |
| | | | | | | | Ethyl ether | 500 ug/mL |
| | | | | | | | Ethyl methacrylate | 500 ug/mL |
| | | | | | | | Ethylbenzene | 500 ug/mL |
| | | | | | | | Ethylene Dibromide | 500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 500 ug/mL |
| | | | | | | | Hexane | 500 ug/mL |
| | | | | | | | Iodomethane | 500 ug/mL |
| | | | | | | | Isobutyl alcohol | 12500 ug/mL |
| | | | | | | | Isopropylbenzene | 500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 500 ug/mL |
| | | | | | | | Methyl acetate | 1000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 500 ug/mL |
| | | | | | | | Methylcyclohexane | 500 ug/mL |
| | | | | | | | Methylene Chloride | 500 ug/mL |
| | | | | | | | n-Butylbenzene | 500 ug/mL |
| | | | | | | | n-Heptane | 500 ug/mL |
| | | | | | | | N-Propylbenzene | 500 ug/mL |
| | | | | | | | Naphthalene | 500 ug/mL |
| | | | | | | | o-Xylene | 500 ug/mL |
| | | | | | | | sec-Butylbenzene | 500 ug/mL |
| | | | | | | | Styrene | 500 ug/mL |
| | | | | | | | tert-Butylbenzene | 500 ug/mL |
| | | | | | | | Tetrachloroethene | 500 ug/mL |
| | | | | | | | Tetrahydrofuran | 1000 ug/mL |
| | | | | | | | Toluene | 500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 500 ug/mL |
| | | | | | | | Trichloroethene | 500 ug/mL |
| | | | | | Vinyl Acetate_00102 | 1 mL | Vinyl acetate | 1000 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix_00042 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .Vinyl Acetate_00102 | 09/30/25 | RESTEK, Lot A0209567 | | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **MIX I Hi_00185** | 02/28/25 | 01/30/25 | MeOH, Lot EI863-US | 5 mL | EPICH(working_00015 | 0.5 mL | Epichlorohydrin | 10000 ug/mL |
| | | | | | KetonesC_00030 | 1 mL | 2-Butanone (MEK) | 2500 ug/mL |
| | | | | | | | 2-Hexanone | 2500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 2500 ug/mL |
| | | | | | | | Acetone | 2500 ug/mL |
| | | | | | Mega Mix_00043 | 1 mL | 1,1,1,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 500 ug/mL |
| | | | | | | | 1,4-Dioxane | 10000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 500 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorotoluene | 500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 5000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 500 ug/mL |
| | | | | | | | Acrylonitrile | 5000 ug/mL |
| | | | | | | | Benzene | 500 ug/mL |
| | | | | | | | Bromobenzene | 500 ug/mL |
| | | | | | | | Bromoform | 500 ug/mL |
| | | | | | | | Carbon disulfide | 500 ug/mL |
| | | | | | | | Carbon tetrachloride | 500 ug/mL |
| | | | | | | | Chlorobenzene | 500 ug/mL |
| | | | | | | | Chlorobromomethane | 500 ug/mL |
| | | | | | | | Chlorodibromomethane | 500 ug/mL |
| | | | | | | | Chloroform | 500 ug/mL |
| | | | | | | | cis-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 500 ug/mL |
| | | | | | | | Cyclohexane | 500 ug/mL |
| | | | | | | | Dibromomethane | 500 ug/mL |
| | | | | | | | Dichlorobromomethane | 500 ug/mL |
| | | | | | | | Ethyl ether | 500 ug/mL |
| | | | | | | | Ethyl methacrylate | 500 ug/mL |
| | | | | | | | Ethylbenzene | 500 ug/mL |
| | | | | | | | Ethylene Dibromide | 500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 500 ug/mL |
| | | | | | | | Hexane | 500 ug/mL |
| | | | | | | | Iodomethane | 500 ug/mL |
| | | | | | | | Isobutyl alcohol | 12500 ug/mL |
| | | | | | | | Isopropylbenzene | 500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 500 ug/mL |
| | | | | | | | Methyl acetate | 1000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 500 ug/mL |
| | | | | | | | Methylcyclohexane | 500 ug/mL |
| | | | | | | | Methylene Chloride | 500 ug/mL |
| | | | | | | | n-Butylbenzene | 500 ug/mL |
| | | | | | | | n-Heptane | 500 ug/mL |
| | | | | | | | N-Propylbenzene | 500 ug/mL |
| | | | | | | | Naphthalene | 500 ug/mL |
| | | | | | | | o-Xylene | 500 ug/mL |
| | | | | | | | sec-Butylbenzene | 500 ug/mL |
| | | | | | | | Styrene | 500 ug/mL |
| | | | | | | | tert-Butylbenzene | 500 ug/mL |
| | | | | | | | Tetrachloroethene | 500 ug/mL |
| | | | | | | | Tetrahydrofuran | 1000 ug/mL |
| | | | | | | | Toluene | 500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | trans-1,4-Dichloro-2-butene | 500 ug/mL |
| | | | | | | | Trichloroethene | 500 ug/mL |
| | | | | | Vinyl Acetate_00102 | 1 mL | Vinyl acetate | 1000 ug/mL |
| .EPICH(working_00015 | 09/24/25 | 11/21/24 | MeOH, Lot EI863-US | 10 mL | EPICHLO(NEAT)_00001 | 845.31 uL | Epichlorohydrin | 100000 ug/mL |
| ..EPICHLO(NEAT)_00001 | 09/24/25 | | FLUKA, Lot SHBD0368V | | (Purchased Reagent) | | Epichlorohydrin | 1.183 g/g |
| .KetonesC_00030 | 04/30/27 | | RESTEK, Lot A0210935 | | (Purchased Reagent) | | 2-Butanone (MEK) | 12500 ug/mL |
| | | | | | | | 2-Hexanone | 12500 ug/mL |
| | | | | | | | 4-Methyl-2-pentanone (MIBK) | 12500 ug/mL |
| | | | | | | | Acetone | 12500 ug/mL |
| .Mega Mix_00043 | 04/30/26 | | RESTEK, Lot A0203458 | | (Purchased Reagent) | | 1,1,1,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,1-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloro-1,2,2-trifluoroethane | 2500 ug/mL |
| | | | | | | | 1,1,2-Trichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,1-Dichloroethene | 2500 ug/mL |
| | | | | | | | 1,1-Dichloropropene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,3-Trichloropropane | 2500 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2,4-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dibromo-3-Chloropropane | 2500 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,2-Dichloroethane | 2500 ug/mL |
| | | | | | | | 1,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,3,5-Trimethylbenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,3-Dichloropropane | 2500 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2500 ug/mL |
| | | | | | | | 1,4-Dioxane | 50000 ug/mL |
| | | | | | | | 2,2-Dichloropropane | 2500 ug/mL |
| | | | | | | | 2-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 2-Methyl-2-propanol | 25000 ug/mL |
| | | | | | | | 3-Chloro-1-propene | 2500 ug/mL |
| | | | | | | | 4-Chlorotoluene | 2500 ug/mL |
| | | | | | | | 4-Isopropyltoluene | 2500 ug/mL |
| | | | | | | | Acrylonitrile | 25000 ug/mL |
| | | | | | | | Benzene | 2500 ug/mL |
| | | | | | | | Bromobenzene | 2500 ug/mL |
| | | | | | | | Bromoform | 2500 ug/mL |
| | | | | | | | Carbon disulfide | 2500 ug/mL |
| | | | | | | | Carbon tetrachloride | 2500 ug/mL |
| | | | | | | | Chlorobenzene | 2500 ug/mL |
| | | | | | | | Chlorobromomethane | 2500 ug/mL |
| | | | | | | | Chlorodibromomethane | 2500 ug/mL |
| | | | | | | | Chloroform | 2500 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | cis-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | cis-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | Cyclohexane | 2500 ug/mL |
| | | | | | | | Dibromomethane | 2500 ug/mL |
| | | | | | | | Dichlorobromomethane | 2500 ug/mL |
| | | | | | | | Ethyl ether | 2500 ug/mL |
| | | | | | | | Ethyl methacrylate | 2500 ug/mL |
| | | | | | | | Ethylbenzene | 2500 ug/mL |
| | | | | | | | Ethylene Dibromide | 2500 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2500 ug/mL |
| | | | | | | | Hexane | 2500 ug/mL |
| | | | | | | | Iodomethane | 2500 ug/mL |
| | | | | | | | Isobutyl alcohol | 62500 ug/mL |
| | | | | | | | Isopropylbenzene | 2500 ug/mL |
| | | | | | | | m-Xylene & p-Xylene | 2500 ug/mL |
| | | | | | | | Methyl acetate | 5000 ug/mL |
| | | | | | | | Methyl tert-butyl ether | 2500 ug/mL |
| | | | | | | | Methylcyclohexane | 2500 ug/mL |
| | | | | | | | Methylene Chloride | 2500 ug/mL |
| | | | | | | | n-Butylbenzene | 2500 ug/mL |
| | | | | | | | n-Heptane | 2500 ug/mL |
| | | | | | | | N-Propylbenzene | 2500 ug/mL |
| | | | | | | | Naphthalene | 2500 ug/mL |
| | | | | | | | o-Xylene | 2500 ug/mL |
| | | | | | | | sec-Butylbenzene | 2500 ug/mL |
| | | | | | | | Styrene | 2500 ug/mL |
| | | | | | | | tert-Butylbenzene | 2500 ug/mL |
| | | | | | | | Tetrachloroethene | 2500 ug/mL |
| | | | | | | | Tetrahydrofuran | 5000 ug/mL |
| | | | | | | | Toluene | 2500 ug/mL |
| | | | | | | | trans-1,2-Dichloroethene | 2500 ug/mL |
| | | | | | | | trans-1,3-Dichloropropene | 2500 ug/mL |
| | | | | | | | trans-1,4-Dichloro-2-butene | 2500 ug/mL |
| | | | | | | | Trichloroethene | 2500 ug/mL |
| .Vinyl Acetate_00102 | 09/30/25 | | RESTEK, Lot A0209567 | | (Purchased Reagent) | | Vinyl acetate | 5000 ug/mL |
| **OP_Benzald_sp_00023** | 11/30/25 | | RESTEK, Lot A0212130 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| **OP_BNA SPIK_00055** | 08/30/25 | 01/28/25 | Acetone, Lot 131184 | 200 mL | OP_Agilent456_00008 | 10 mL | 1,3-Dimethylnaphthalene | 100 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 100 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 100 ug/mL |
| | | | | | | | Benzonitrile | 100 ug/mL |
| | | | | | | | Carbamazepine | 100 ug/mL |
| | | | | | | | Coumarin | 100 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 100 ug/mL |
| | | | | | | | N-Methylaniline | 100 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 100 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenyl ether | 100 ug/mL |
| | | | | | OP_Agilent457_00005 | 10 mL | Bisphenol-A | 50 ug/mL |
| | | | | | OP_BenzAcid_00016 | 10 mL | Benzoic acid | 100 ug/mL |
| | | | | | | | Indene | 100 ug/mL |
| | | | | | OP_MEGA_2017_00016 | 20 mL | 1,1'-Biphenyl | 100 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 100 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 100 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 100 ug/mL |
| | | | | | | | 1,4-Dioxane | 100 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 100 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 100 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 200 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 100 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 100 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 100 ug/mL |
| | | | | | | | 2-Chlorophenol | 100 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 100 ug/mL |
| | | | | | | | 2-Methylphenol | 100 ug/mL |
| | | | | | | | 2-Nitroaniline | 100 ug/mL |
| | | | | | | | 2-Nitrophenol | 100 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 100 ug/mL |
| | | | | | | | 3-Methylphenol | 100 ug/mL |
| | | | | | | | 3-Nitroaniline | 100 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 200 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 100 ug/mL |
| | | | | | | | 4-Chloroaniline | 100 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 100 ug/mL |
| | | | | | | | 4-Methylphenol | 100 ug/mL |
| | | | | | | | 4-Nitroaniline | 100 ug/mL |
| | | | | | | | 4-Nitrophenol | 200 ug/mL |
| | | | | | | | Acenaphthene | 100 ug/mL |
| | | | | | | | Acenaphthylene | 100 ug/mL |
| | | | | | | | Acetophenone | 100 ug/mL |
| | | | | | | | Aniline | 100 ug/mL |
| | | | | | | | Anthracene | 100 ug/mL |
| | | | | | | | Azobenzene | 100 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[a]anthracene | 100 ug/mL |
| | | | | | | | Benzo[a]pyrene | 100 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 100 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 100 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 100 ug/mL |
| | | | | | | | Benzyl alcohol | 100 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 100 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 100 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 100 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 100 ug/mL |
| | | | | | | | Carbazole | 100 ug/mL |
| | | | | | | | Chrysene | 100 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 100 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 100 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 100 ug/mL |
| | | | | | | | Dibenzofuran | 100 ug/mL |
| | | | | | | | Diethyl phthalate | 100 ug/mL |
| | | | | | | | Dimethyl phthalate | 100 ug/mL |
| | | | | | | | Fluoranthene | 100 ug/mL |
| | | | | | | | Fluorene | 100 ug/mL |
| | | | | | | | Hexachlorobenzene | 100 ug/mL |
| | | | | | | | Hexachlorobutadiene | 100 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 100 ug/mL |
| | | | | | | | Hexachloroethane | 100 ug/mL |
| | | | | | | | Hexadecane | 100 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 100 ug/mL |
| | | | | | | | Isophorone | 100 ug/mL |
| | | | | | | | n-Decane | 100 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 100 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 100 ug/mL |
| | | | | | | | n-Octadecane | 100 ug/mL |
| | | | | | | | Naphthalene | 100 ug/mL |
| | | | | | | | Nitrobenzene | 100 ug/mL |
| | | | | | | | Pentachlorophenol | 200 ug/mL |
| | | | | | | | Phenanthrene | 100 ug/mL |
| | | | | | | | Phenol | 100 ug/mL |
| | | | | | | | Pyrene | 100 ug/mL |
| | | | | | | | Pyridine | 200 ug/mL |
| | | | | | OP_std #1_BNA_00015 | 10 mL | 3,3'-Dichlorobenzidine | 100 ug/mL |
| | | | | | | | Benzidine | 100 ug/mL |
| .OP_Agilent456_00008 | 11/30/25 | | Agilent, Lot 6767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Benzonitrile | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .OP_Agilent457_00005 | 11/30/25 | | Agilent, Lot 6767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .OP_BenzAcid_00016 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| | | | | | | | Indene | 2000 ug/mL |
| .OP_MEGA_2017_00016 | 11/30/25 | | Restek, Lot A02010619 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,3-Dinitrobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Hexadecane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| .OP_std #1_BNA_00015 | 09/30/25 | | Restek, Lot A020147867 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| **OP_BNASurroga_00031** | 10/30/25 | 01/02/25 | Acetone, Lot 23H2462011 | 1000 mL | OP_BNA_SURR_00014 | 20 mL | 2,4,6-Tribromophenol (Surr) | 100 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 100 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 100 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Nitrobenzene-d5 (Surr) | 100 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 100 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 100 ug/mL |
| .OP_BNA_SURR_00014 | 10/30/25 | | Agilent, Lot 6910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| **OP_PCB SP_LVI_00019** | 02/27/25 | 08/13/24 | Acetone, Lot 216864 | 50 mL | OP_PCBSP_00061 | 10 mL | Aroclor 1016 | 20 ug/mL |
| | | | | | | | Aroclor 1260 | 20 ug/mL |
| .OP_PCBSP_00061 | 02/28/25 | 08/13/24 | Acetone, Lot 462008 | 100 mL | OP_AROCLOR_00022 | 10 mL | Aroclor 1016 | 100 ug/mL |
| | | | | | | | Aroclor 1260 | 100 ug/mL |
| ..OP_AROCLOR_00022 | 05/31/29 | | RESTEK, Lot A0194496 | | (Purchased Reagent) | | Aroclor 1016 | 1000 ug/mL |
| | | | | | | | Aroclor 1260 | 1000 ug/mL |
| **OP_PCBSP_00061** | 02/28/25 | 08/13/24 | Acetone, Lot 462008 | 100 mL | OP_AROCLOR_00022 | 10 mL | Aroclor 1016 | 100 ug/mL |
| | | | | | | | Aroclor 1260 | 100 ug/mL |
| .OP_AROCLOR_00022 | 05/31/29 | | RESTEK, Lot A0194496 | | (Purchased Reagent) | | Aroclor 1016 | 1000 ug/mL |
| | | | | | | | Aroclor 1260 | 1000 ug/mL |
| **OP_PESTSP_00056** | 05/30/25 | 10/04/24 | Acetone, Lot 269623 | 100 mL | OP_MIREX_00023 | 2 mL | Mirex | 20 ug/mL |
| | | | | | OPOrgnCPST_00016 | 1 mL | 4,4'-DDD | 20 ug/mL |
| | | | | | | | 4,4'-DDE | 20 ug/mL |
| | | | | | | | 4,4'-DDT | 20 ug/mL |
| | | | | | | | Aldrin | 20 ug/mL |
| | | | | | | | alpha-BHC | 20 ug/mL |
| | | | | | | | beta-BHC | 20 ug/mL |
| | | | | | | | cis-Chlordane | 20 ug/mL |
| | | | | | | | delta-BHC | 20 ug/mL |
| | | | | | | | Dieldrin | 20 ug/mL |
| | | | | | | | Endosulfan I | 20 ug/mL |
| | | | | | | | Endosulfan II | 20 ug/mL |
| | | | | | | | Endosulfan sulfate | 20 ug/mL |
| | | | | | | | Endrin | 20 ug/mL |
| | | | | | | | Endrin aldehyde | 20 ug/mL |
| | | | | | | | Endrin ketone | 20 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 20 ug/mL |
| | | | | | | | Heptachlor | 20 ug/mL |
| | | | | | | | Heptachlor epoxide | 20 ug/mL |
| | | | | | | | Methoxychlor | 20 ug/mL |
| | | | | | | | trans-Chlordane | 20 ug/mL |
| .OP_MIREX_00023 | 06/30/26 | | Agilent, Lot 6795799 | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .OPOrgnCPST_00016 | 03/31/26 | | RESTEK, Lot A0191723 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **OP_PESTSP_LVI_00034** | 03/31/25 | 08/12/24 | Acetone, Lot 247782 | 50 mL | OP_PESTSP_00053 | 10 mL | Mirex | 4 ug/mL |
| | | | | | | | 4,4'-DDD | 4 ug/mL |
| | | | | | | | 4,4'-DDE | 4 ug/mL |
| | | | | | | | 4,4'-DDT | 4 ug/mL |
| | | | | | | | Aldrin | 4 ug/mL |
| | | | | | | | alpha-BHC | 4 ug/mL |
| | | | | | | | beta-BHC | 4 ug/mL |
| | | | | | | | cis-Chlordane | 4 ug/mL |
| | | | | | | | delta-BHC | 4 ug/mL |
| | | | | | | | Dieldrin | 4 ug/mL |
| | | | | | | | Endosulfan I | 4 ug/mL |
| | | | | | | | Endosulfan II | 4 ug/mL |
| | | | | | | | Endosulfan sulfate | 4 ug/mL |
| | | | | | | | Endrin | 4 ug/mL |
| | | | | | | | Endrin aldehyde | 4 ug/mL |
| | | | | | | | Endrin ketone | 4 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 4 ug/mL |
| | | | | | | | Heptachlor | 4 ug/mL |
| | | | | | | | Heptachlor epoxide | 4 ug/mL |
| | | | | | | | Methoxychlor | 4 ug/mL |
| | | | | | | | trans-Chlordane | 4 ug/mL |
| .OP_PESTSP_00053 | 03/31/25 | 08/12/24 | Acetone, Lot 269623 | 100 mL | OP_MIREX_00022 | 2 mL | Mirex | 20 ug/mL |
| | | | | | OPOrgnCPST_00016 | 1 mL | 4,4'-DDD | 20 ug/mL |
| | | | | | | | 4,4'-DDE | 20 ug/mL |
| | | | | | | | 4,4'-DDT | 20 ug/mL |
| | | | | | | | Aldrin | 20 ug/mL |
| | | | | | | | alpha-BHC | 20 ug/mL |
| | | | | | | | beta-BHC | 20 ug/mL |
| | | | | | | | cis-Chlordane | 20 ug/mL |
| | | | | | | | delta-BHC | 20 ug/mL |
| | | | | | | | Dieldrin | 20 ug/mL |
| | | | | | | | Endosulfan I | 20 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Endosulfan II | 20 ug/mL |
| | | | | | | | Endosulfan sulfate | 20 ug/mL |
| | | | | | | | Endrin | 20 ug/mL |
| | | | | | | | Endrin aldehyde | 20 ug/mL |
| | | | | | | | Endrin ketone | 20 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 20 ug/mL |
| | | | | | | | Heptachlor | 20 ug/mL |
| | | | | | | | Heptachlor epoxide | 20 ug/mL |
| | | | | | | | Methoxychlor | 20 ug/mL |
| | | | | | | | trans-Chlordane | 20 ug/mL |
| ..OP_MIREX_00022 | 03/31/26 | | Agilent, Lot 6783858 | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| ..OPOrgnCPST_00016 | 03/31/26 | | RESTEK, Lot A0191723 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **OPPSPCBSU_LVI_00024** | 03/31/25 | 09/16/24 | Acetone, Lot 2462008 | 100 mL | OPPSTPCBSURR_00042 | 20 mL | DCB Decachlorobiphenyl | 2 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 2 ug/mL |
| .OPPSTPCBSURR_00042 | 03/31/25 | 09/16/24 | Acetone, Lot 62004 | 200 mL | OPPESTsurr_00011 | 10 mL | DCB Decachlorobiphenyl | 10 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 10 ug/mL |
| ..OPPESTsurr_00011 | 03/30/27 | | Restek, Lot A0167624 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| **OPPSTPCBSURR_00042** | 03/31/25 | 09/16/24 | Acetone, Lot 62004 | 200 mL | OPPESTsurr_00011 | 10 mL | DCB Decachlorobiphenyl | 10 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 10 ug/mL |
| .OPPESTsurr_00011 | 03/30/27 | | Restek, Lot A0167624 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| **SG1221L4_00035** | 01/20/25 | 01/20/24 | Hexane, Lot 0000033895 | 100 mL | SG1221-PCB_00003 | 100 uL | PCB-1221 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 5 | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1221 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1221 Peak 8 | 1 ug/mL |
| .SG1221-PCB_00003 | 12/31/25 | | RESTEK, Lot A0152666 | | (Purchased Reagent) | | PCB-1221 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1221 Peak 8 | 1000 ug/mL |
| **SG1232L4_00037** | 01/20/25 | 01/20/24 | Hexane, Lot 0000033895 | 100 mL | SG1232-PCB_00003 | 100 uL | PCB-1232 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1232 Peak 8 | 1 ug/mL |
| .SG1232-PCB_00003 | 01/31/26 | | RESTEK, Lot A0154078 | | (Purchased Reagent) | | PCB-1232 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1232 Peak 8 | 1000 ug/mL |
| **SG1242L4_00037** | 01/22/25 | 01/22/24 | Hexane, Lot 0000033895 | 100 mL | SG1242-PCB_00003 | 100 uL | PCB-1242 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1242 Peak 8 | 1 ug/mL |
| .SG1242-PCB_00003 | 04/30/26 | | RESTEK, Lot A0156635 | | (Purchased Reagent) | | PCB-1242 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1242 Peak 8 | 1000 ug/mL |
| **SG1248L4_00036** | 01/22/25 | 01/22/24 | Hexane, Lot 0000033895 | 100 mL | SG1248-PCB_00003 | 100 uL | PCB-1248 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 3 | 1 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1248 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1248 Peak 8 | 1 ug/mL |
| .SG1248-PCB_00003 | 12/31/25 | | RESTEK, Lot A0152759 | | (Purchased Reagent) | | PCB-1248 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1248 Peak 8 | 1000 ug/mL |
| **SG1254L4_00036** | 01/22/25 | 01/22/24 | Hexane, Lot 0000033895 | 100 mL | SG1254-PCB_00003 | 100 uL | PCB-1254 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1254 Peak 8 | 1 ug/mL |
| .SG1254-PCB_00003 | 11/30/25 | | RESTEK, Lot A0152362 | | (Purchased Reagent) | | PCB-1254 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1254 Peak 8 | 1000 ug/mL |
| **SG1262L4_00036** | 01/20/25 | 01/20/24 | Hexane, Lot 0000033895 | 100 mL | SG1262-PCB_00003 | 100 uL | PCB-1262 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1262 Peak 8 | 1 ug/mL |
| .SG1262-PCB_00003 | 07/30/26 | | RESTEK, Lot A0160426 | | (Purchased Reagent) | | PCB-1262 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1262 Peak 8 | 1000 ug/mL |
| **SG1268L4_00036** | 01/20/25 | 01/20/24 | Hexane, Lot 0000033895 | 100 mL | SG1268-PCB_00003 | 100 uL | PCB-1268 Peak 1 | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1268 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1268 Peak 8 | 1 ug/mL |
| .SG1268-PCB_00003 | 09/30/26 | | RESTEK, Lot A0161438 | | (Purchased Reagent) | | PCB-1268 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1268 Peak 8 | 1000 ug/mL |
| **SG1660L1_00028** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 100 mL | PESTSURRMIX_00011 | 6.25 uL | DCB Decachlorobiphenyl | 0.0125 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.0125 ug/mL |
| | | | | | SG-1660-PCB_00006 | 5 uL | PCB-1016 Peak 1 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 0.05 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 0.05 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 0.05 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | PCB-1016 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1260 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1000 ug/mL |
| **SG1660L2_00037** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 100 mL | PESTSURRMIX_00011 | 25 uL | DCB Decachlorobiphenyl | 0.05 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.05 ug/mL |
| | | | | | SG-1660-PCB_00006 | 50 uL | PCB-1016 Peak 1 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 0.5 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 0.5 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 0.5 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | PCB-1016 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1000 ug/mL |
| **SG1660L3_00044** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 500 mL | PESTSURRMIX_00011 | 250 uL | DCB Decachlorobiphenyl | 0.1 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.1 ug/mL |
| | | | | | SG-1660-PCB_00006 | 500 uL | PCB-1016 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1016 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | PCB-1016 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1000 ug/mL |
| **SG1660L3_00044** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 500 mL | SG-1660-PCB_00006 | 500 uL | Aroclor 1016 | 1 ug/mL |
| | | | | | | | Aroclor 1260 | 1 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | Aroclor 1016 | 1000 ug/mL |
| | | | | | | | Aroclor 1260 | 1000 ug/mL |
| **SG1660L4_00036** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 100 mL | PESTSURRMIX_00011 | 75 uL | DCB Decachlorobiphenyl | 0.15 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.15 ug/mL |
| | | | | | SG-1660-PCB_00006 | 150 uL | PCB-1016 Peak 1 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1.5 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1.5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1260 Peak 5 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1.5 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1.5 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | PCB-1016 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1000 ug/mL |
| **SG1660L5_00036** | 08/08/25 | 08/08/24 | Hexane, Lot 249555 | 100 mL | PESTSURRMIX_00011 | 100 uL | DCB Decachlorobiphenyl | 0.2 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.2 ug/mL |
| | | | | | SG-1660-PCB_00006 | 250 uL | PCB-1016 Peak 1 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 6 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 2.5 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 2.5 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 2.5 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SG-1660-PCB_00006 | 04/30/27 | | RESTEK, Lot A0167738 | | (Purchased Reagent) | | PCB-1016 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 5 | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | PCB-1016 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1016 Peak 8 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 1 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 2 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 3 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 4 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 5 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 6 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 7 | 1000 ug/mL |
| | | | | | | | PCB-1260 Peak 8 | 1000 ug/mL |
| **SGCHLOR ICV_00012** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR ICV_00004 | 100 uL | Chlordane (technical) | 1 ug/mL |
| .SGCHLOR ICV_00004 | 11/30/28 | | RESTEK, Lot A0188505 | | (Purchased Reagent) | | Chlordane (technical) | 1000 ug/mL |
| **SGCHLORDANEL1_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 5 uL | Chlordane (n.o.s.) | 0.05 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 0.05 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 0.05 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 0.05 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 0.05 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 0.05 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 0.05 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 0.05 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 0.05 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 0.05 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 0.05 ug/mL |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (n.o.s.) | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1000 ug/mL |
| **SGCHLORDANEL3_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 50 uL | Chlordane (n.o.s.) | 0.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 0.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 0.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 0.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 0.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 0.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 0.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 0.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 0.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 0.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 0.5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (n.o.s.) | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1000 ug/mL |
| **SGCHLORDANEL4_00014** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 100 uL | Chlordane (n.o.s.) | 1 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1 ug/mL |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (n.o.s.) | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1000 ug/mL |
| **SGCHLORDANEL4_00014** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 100 uL | Chlordane (technical) | 1 ug/mL |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (technical) | 1000 ug/mL |
| **SGCHLORDANEL5_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 150 uL | Chlordane (n.o.s.) | 1.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1.5 ug/mL |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (n.o.s.) | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1000 ug/mL |
| **SGCHLORDANEL6_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000059690 | 100 mL | SGCHLOR_00009 | 250 uL | Chlordane (n.o.s.) | 2.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 2.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 2.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 2.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 2.5 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 2.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 2.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 2.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 2.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 2.5 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 2.5 ug/mL |
| .SGCHLOR_00009 | 06/30/28 | | RESTEK, Lot A0183419 | | (Purchased Reagent) | | Chlordane (n.o.s.) | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (n.o.s.) Peak 5 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 1 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 2 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 3 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 4 | 1000 ug/mL |
| | | | | | | | Chlordane (technical) Peak 5 | 1000 ug/mL |
| **SGDDT/Ei_00046** | 12/01/25 | 12/02/24 | Hexane, Lot H29E30 | 200 mL | SGDDT/E_00018 | 500 uL | 4,4'-DDT | 0.25 ug/mL |
| | | | | | | | Endrin | 0.25 ug/mL |
| .SGDDT/E_00018 | 10/31/26 | | Restek, Lot A0186032 | | (Purchased Reagent) | | 4,4'-DDT | 100 ug/mL |
| | | | | | | | Endrin | 100 ug/mL |
| **SGPCBICV_00033** | 02/08/25 | 08/08/24 | Hexane, Lot 249555 | 200 mL | SG1660SecPCB_00005 | 200 uL | Aroclor 1016 | 1 ug/mL |
| | | | | | | | Aroclor 1260 | 1 ug/mL |
| .SG1660SecPCB_00005 | 02/28/25 | | RESTEK, Lot A0143130 | | (Purchased Reagent) | | Aroclor 1016 | 1000 ug/mL |
| | | | | | | | Aroclor 1260 | 1000 ug/mL |
| **SGPCBISTD_00031** | 09/18/25 | 09/19/24 | Hexane, Lot 33895 | 1000 mL | SGPCBISTD_00030 | 1000 uL | 1-Bromo-2-nitrobenzene | 1000 ppb |
| .SGPCBISTD_00030 | 11/30/26 | | RESTEK, Lot A0200687 | | (Purchased Reagent) | | 1-Bromo-2-nitrobenzene | 1000 ug/mL |
| **SGPESTISTD_00022** | 10/17/25 | 10/17/24 | Hexane, Lot 33895 | 200 mL | SGPCBISTD_00030 | 1000 uL | 1-Bromo-2-nitrobenzene | 5000 ppb |
| .SGPCBISTD_00030 | 11/30/26 | | RESTEK, Lot A0200687 | | (Purchased Reagent) | | 1-Bromo-2-nitrobenzene | 1000 ug/mL |
| **SGPESTL1_00038** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 200 mL | Mirex_00003 | 5 uL | Mirex | 0.0025 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | PESTSURRMIX_00012 | 6.25 uL | DCB Decachlorobiphenyl | 0.00625 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.00625 ug/mL |
| | | | | | SGPEST(DL)_00023 | 5 uL | 4,4'-DDD | 0.0025 ug/mL |
| | | | | | | | 4,4'-DDE | 0.0025 ug/mL |
| | | | | | | | 4,4'-DDT | 0.0025 ug/mL |
| | | | | | | | Aldrin | 0.0025 ug/mL |
| | | | | | | | alpha-BHC | 0.0025 ug/mL |
| | | | | | | | beta-BHC | 0.0025 ug/mL |
| | | | | | | | cis-Chlordane | 0.0025 ug/mL |
| | | | | | | | delta-BHC | 0.0025 ug/mL |
| | | | | | | | Dieldrin | 0.0025 ug/mL |
| | | | | | | | Endosulfan I | 0.0025 ug/mL |
| | | | | | | | Endosulfan II | 0.0025 ug/mL |
| | | | | | | | Endosulfan sulfate | 0.0025 ug/mL |
| | | | | | | | Endrin | 0.0025 ug/mL |
| | | | | | | | Endrin aldehyde | 0.0025 ug/mL |
| | | | | | | | Endrin ketone | 0.0025 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 0.0025 ug/mL |
| | | | | | | | Heptachlor | 0.0025 ug/mL |
| | | | | | | | Heptachlor epoxide | 0.0025 ug/mL |
| | | | | | | | Methoxychlor | 0.0025 ug/mL |
| | | | | | | | trans-Chlordane | 0.0025 ug/mL |
| .Mirex_00003 | 06/04/25 | 06/04/24 | Hexane, Lot 59690 | 10 mL | SGMIREX_00036 | 1000 uL | Mirex | 100 ug/mL |
| ..SGMIREX_00036 | 06/30/26 | | Agilent, Lot 0006795799 | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .PESTSURRMIX_00012 | 11/30/28 | | RESTEK, Lot A0188903 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST(DL)_00023 | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 1 mL | SGPEST_00010 | 50 uL | 4,4'-DDD | 100 ug/mL |
| | | | | | | | 4,4'-DDE | 100 ug/mL |
| | | | | | | | 4,4'-DDT | 100 ug/mL |
| | | | | | | | Aldrin | 100 ug/mL |
| | | | | | | | alpha-BHC | 100 ug/mL |
| | | | | | | | beta-BHC | 100 ug/mL |
| | | | | | | | cis-Chlordane | 100 ug/mL |
| | | | | | | | delta-BHC | 100 ug/mL |
| | | | | | | | Dieldrin | 100 ug/mL |
| | | | | | | | Endosulfan I | 100 ug/mL |
| | | | | | | | Endosulfan II | 100 ug/mL |
| | | | | | | | Endosulfan sulfate | 100 ug/mL |
| | | | | | | | Endrin | 100 ug/mL |
| | | | | | | | Endrin aldehyde | 100 ug/mL |
| | | | | | | | Endrin ketone | 100 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 100 ug/mL |
| | | | | | | | Heptachlor | 100 ug/mL |
| | | | | | | | Heptachlor epoxide | 100 ug/mL |
| | | | | | | | Methoxychlor | 100 ug/mL |
| | | | | | | | trans-Chlordane | 100 ug/mL |
| ..SGPEST_00010 | 08/31/26 | | RESTEK, Lot A0184236 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **SGPESTL2_00047** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 200 mL | Mirex_00003 | 100 uL | Mirex | 0.05 ug/mL |
| | | | | | PESTSURRMIX_00012 | 50 uL | DCB Decachlorobiphenyl | 0.05 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.05 ug/mL |
| | | | | | SGPEST_00010 | 5 uL | 4,4'-DDD | 0.05 ug/mL |
| | | | | | | | 4,4'-DDE | 0.05 ug/mL |
| | | | | | | | 4,4'-DDT | 0.05 ug/mL |
| | | | | | | | Aldrin | 0.05 ug/mL |
| | | | | | | | alpha-BHC | 0.05 ug/mL |
| | | | | | | | beta-BHC | 0.05 ug/mL |
| | | | | | | | cis-Chlordane | 0.05 ug/mL |
| | | | | | | | delta-BHC | 0.05 ug/mL |
| | | | | | | | Dieldrin | 0.05 ug/mL |
| | | | | | | | Endosulfan I | 0.05 ug/mL |
| | | | | | | | Endosulfan II | 0.05 ug/mL |
| | | | | | | | Endosulfan sulfate | 0.05 ug/mL |
| | | | | | | | Endrin | 0.05 ug/mL |
| | | | | | | | Endrin aldehyde | 0.05 ug/mL |
| | | | | | | | Endrin ketone | 0.05 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 0.05 ug/mL |
| | | | | | | | Heptachlor | 0.05 ug/mL |
| | | | | | | | Heptachlor epoxide | 0.05 ug/mL |
| | | | | | | | Methoxychlor | 0.05 ug/mL |
| | | | | | | | trans-Chlordane | 0.05 ug/mL |
| .Mirex_00003 | 06/04/25 | 06/04/24 | Hexane, Lot 59690 | 10 mL | SGMIREX_00036 | 1000 uL | Mirex | 100 ug/mL |
| ..SGMIREX_00036 | 06/30/26 | Agilent, Lot 0006795799 | | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .PESTSURRMIX_00012 | 11/30/28 | RESTEK, Lot A0188903 | | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST_00010 | 08/31/26 | RESTEK, Lot A0184236 | | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **SGPESTL3_00045** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 500 mL | Mirex_00003 | 500 uL | Mirex | 0.1 ug/mL |
| | | | | | PESTSURRMIX_00012 | 250 uL | DCB Decachlorobiphenyl | 0.1 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.1 ug/mL |
| | | | | | SGPEST_00010 | 25 uL | 4,4'-DDD | 0.1 ug/mL |
| | | | | | | | 4,4'-DDE | 0.1 ug/mL |
| | | | | | | | 4,4'-DDT | 0.1 ug/mL |
| | | | | | | | Aldrin | 0.1 ug/mL |
| | | | | | | | alpha-BHC | 0.1 ug/mL |
| | | | | | | | beta-BHC | 0.1 ug/mL |
| | | | | | | | cis-Chlordane | 0.1 ug/mL |
| | | | | | | | delta-BHC | 0.1 ug/mL |
| | | | | | | | Dieldrin | 0.1 ug/mL |
| | | | | | | | Endosulfan I | 0.1 ug/mL |
| | | | | | | | Endosulfan II | 0.1 ug/mL |
| | | | | | | | Endosulfan sulfate | 0.1 ug/mL |
| | | | | | | | Endrin | 0.1 ug/mL |
| | | | | | | | Endrin aldehyde | 0.1 ug/mL |
| | | | | | | | Endrin ketone | 0.1 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 0.1 ug/mL |
| | | | | | | | Heptachlor | 0.1 ug/mL |
| | | | | | | | Heptachlor epoxide | 0.1 ug/mL |
| | | | | | | | Methoxychlor | 0.1 ug/mL |
| | | | | | | | trans-Chlordane | 0.1 ug/mL |
| .Mirex_00003 | 06/04/25 | 06/04/24 | Hexane, Lot 59690 | 10 mL | SGMIREX_00036 | 1000 uL | Mirex | 100 ug/mL |
| ..SGMIREX_00036 | 06/30/26 | | Agilent, Lot 0006795799 | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .PESTSURRMIX_00012 | 11/30/28 | | RESTEK, Lot A0188903 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST_00010 | 08/31/26 | | RESTEK, Lot A0184236 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **SGPESTL4_00042** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 200 mL | Mirex_00003 | 500 uL | Mirex | 0.25 ug/mL |
| | | | | | PESTSURRMIX_00012 | 150 uL | DCB Decachlorobiphenyl | 0.15 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.15 ug/mL |
| | | | | | SGPEST_00010 | 25 uL | 4,4'-DDD | 0.25 ug/mL |
| | | | | | | | 4,4'-DDE | 0.25 ug/mL |
| | | | | | | | 4,4'-DDT | 0.25 ug/mL |
| | | | | | | | Aldrin | 0.25 ug/mL |
| | | | | | | | alpha-BHC | 0.25 ug/mL |
| | | | | | | | beta-BHC | 0.25 ug/mL |
| | | | | | | | cis-Chlordane | 0.25 ug/mL |
| | | | | | | | delta-BHC | 0.25 ug/mL |
| | | | | | | | Dieldrin | 0.25 ug/mL |
| | | | | | | | Endosulfan I | 0.25 ug/mL |
| | | | | | | | Endosulfan II | 0.25 ug/mL |
| | | | | | | | Endosulfan sulfate | 0.25 ug/mL |
| | | | | | | | Endrin | 0.25 ug/mL |
| | | | | | | | Endrin aldehyde | 0.25 ug/mL |
| | | | | | | | Endrin ketone | 0.25 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 0.25 ug/mL |
| | | | | | | | Heptachlor | 0.25 ug/mL |
| | | | | | | | Heptachlor epoxide | 0.25 ug/mL |
| | | | | | | | Methoxychlor | 0.25 ug/mL |
| | | | | | | | trans-Chlordane | 0.25 ug/mL |
| .Mirex_00003 | 06/04/25 | 06/04/24 | Hexane, Lot 59690 | 10 mL | SGMIREX_00036 | 1000 uL | Mirex | 100 ug/mL |
| ..SGMIREX_00036 | 06/30/26 | | Agilent, Lot 0006795799 | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .PESTSURRMIX_00012 | 11/30/28 | | RESTEK, Lot A0188903 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST_00010 | 08/31/26 | | RESTEK, Lot A0184236 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **SGPESTL5_00043** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 200 mL | Mirex_00003 | 1000 uL | Mirex | 0.5 ug/mL |
| | | | | | PESTSURRMIX_00012 | 200 uL | DCB Decachlorobiphenyl | 0.2 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.2 ug/mL |
| | | | | | SGPEST_00010 | 50 uL | 4,4'-DDD | 0.5 ug/mL |
| | | | | | | | 4,4'-DDE | 0.5 ug/mL |
| | | | | | | | 4,4'-DDT | 0.5 ug/mL |
| | | | | | | | Aldrin | 0.5 ug/mL |
| | | | | | | | alpha-BHC | 0.5 ug/mL |
| | | | | | | | beta-BHC | 0.5 ug/mL |
| | | | | | | | cis-Chlordane | 0.5 ug/mL |
| | | | | | | | delta-BHC | 0.5 ug/mL |
| | | | | | | | Dieldrin | 0.5 ug/mL |
| | | | | | | | Endosulfan I | 0.5 ug/mL |
| | | | | | | | Endosulfan II | 0.5 ug/mL |
| | | | | | | | Endosulfan sulfate | 0.5 ug/mL |
| | | | | | | | Endrin | 0.5 ug/mL |
| | | | | | | | Endrin aldehyde | 0.5 ug/mL |
| | | | | | | | Endrin ketone | 0.5 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 0.5 ug/mL |
| | | | | | | | Heptachlor | 0.5 ug/mL |
| | | | | | | | Heptachlor epoxide | 0.5 ug/mL |
| | | | | | | | Methoxychlor | 0.5 ug/mL |
| | | | | | | | trans-Chlordane | 0.5 ug/mL |
| .Mirex_00003 | 06/04/25 | 06/04/24 | Hexane, Lot 59690 | 10 mL | SGMIREX_00036 | 1000 uL | Mirex | 100 ug/mL |
| ..SGMIREX_00036 | 06/30/26 | Agilent, Lot 0006795799 | | | (Purchased Reagent) | | Mirex | 1000 ug/mL |
| .PESTSURRMIX_00012 | 11/30/28 | RESTEK, Lot A0188903 | | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST_00010 | 08/31/26 | RESTEK, Lot A0184236 | | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | cis-Chlordane | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| | | | | | | | trans-Chlordane | 2000 ug/mL |
| **SGPIBLK_00036** | 04/15/25 | 04/15/24 | Hexane, Lot J33E40 | 1000 mL | PESTSURRMIX_00011 | 100 uL | DCB Decachlorobiphenyl | 0.02 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 0.02 ug/mL |
| .PESTSURRMIX_00011 | 10/31/25 | | RESTEK, Lot A0150871 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| **SGPTICV_00049** | 06/04/25 | 06/04/24 | Hexane, Lot 0000059690 | 100 mL | PESTSURR2nd_00001 | 50 uL | DCB Decachlorobiphenyl | 100 ug/L |
| | | | | | | | Tetrachloro-m-xylene | 100 ug/L |
| | | | | | SGPEST2nd_00001 | 5 uL | 4,4'-DDD | 100 ug/L |
| | | | | | | | 4,4'-DDE | 100 ug/L |
| | | | | | | | 4,4'-DDT | 100 ug/L |
| | | | | | | | Aldrin | 100 ug/L |
| | | | | | | | alpha-BHC | 100 ug/L |
| | | | | | | | beta-BHC | 100 ug/L |
| | | | | | | | delta-BHC | 100 ug/L |
| | | | | | | | Dieldrin | 100 ug/L |
| | | | | | | | Endosulfan I | 100 ug/L |
| | | | | | | | Endosulfan II | 100 ug/L |
| | | | | | | | Endosulfan sulfate | 100 ug/L |
| | | | | | | | Endrin | 100 ug/L |
| | | | | | | | Endrin aldehyde | 100 ug/L |
| | | | | | | | Endrin ketone | 100 ug/L |
| | | | | | | | gamma-BHC (Lindane) | 100 ug/L |
| | | | | | | | Heptachlor | 100 ug/L |
| | | | | | | | Heptachlor epoxide | 100 ug/L |
| | | | | | | | Methoxychlor | 100 ug/L |
| .PESTSURR2nd_00001 | 03/30/27 | | Restek, Lot A0167624 | | (Purchased Reagent) | | DCB Decachlorobiphenyl | 200 ug/mL |
| | | | | | | | Tetrachloro-m-xylene | 200 ug/mL |
| .SGPEST2nd_00001 | 05/20/26 | | RESTEK, Lot A0180239 | | (Purchased Reagent) | | 4,4'-DDD | 2000 ug/mL |
| | | | | | | | 4,4'-DDE | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4,4'-DDT | 2000 ug/mL |
| | | | | | | | Aldrin | 2000 ug/mL |
| | | | | | | | alpha-BHC | 2000 ug/mL |
| | | | | | | | beta-BHC | 2000 ug/mL |
| | | | | | | | delta-BHC | 2000 ug/mL |
| | | | | | | | Dieldrin | 2000 ug/mL |
| | | | | | | | Endosulfan I | 2000 ug/mL |
| | | | | | | | Endosulfan II | 2000 ug/mL |
| | | | | | | | Endosulfan sulfate | 2000 ug/mL |
| | | | | | | | Endrin | 2000 ug/mL |
| | | | | | | | Endrin aldehyde | 2000 ug/mL |
| | | | | | | | Endrin ketone | 2000 ug/mL |
| | | | | | | | gamma-BHC (Lindane) | 2000 ug/mL |
| | | | | | | | Heptachlor | 2000 ug/mL |
| | | | | | | | Heptachlor epoxide | 2000 ug/mL |
| | | | | | | | Methoxychlor | 2000 ug/mL |
| **SGTOX_ICV_00020** | 11/11/25 | 11/11/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00013 | 20 uL | Toxaphene | 1 ug/mL |
| .SGTOX_00013 | 07/30/26 | | RESTEK, Lot A0184498 | | (Purchased Reagent) | | Toxaphene | 5000 ug/mL |
| **SGTOXAPHENEL1_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 1 uL | Toxaphene Peak 1 | 0.05 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 0.05 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 0.05 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 0.05 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 0.05 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene Peak 1 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 5000 ug/mL |
| **SGTOXAPHENEL3_00012** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 10 uL | Toxaphene Peak 1 | 0.5 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 0.5 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 0.5 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 0.5 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 0.5 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene Peak 1 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 5000 ug/mL |
| **SGTOXAPHENEL4_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 20 uL | Toxaphene Peak 1 | 1 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 1 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 1 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 1 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 1 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene Peak 1 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toxaphene Peak 4 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 5000 ug/mL |
| **SGTOXAPHENEL4_00013** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 20 uL | Toxaphene | 1 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene | 5000 ug/mL |
| **SGTOXAPHENEL5_00012** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 30 uL | Toxaphene Peak 1 | 1.5 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 1.5 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 1.5 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 1.5 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 1.5 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene Peak 1 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 5000 ug/mL |
| **SGTOXAPHENEL6_00012** | 06/06/25 | 06/06/24 | Hexane, Lot 0000033895 | 100 mL | SGTOX_00012 | 50 uL | Toxaphene Peak 1 | 2.5 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 2.5 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 2.5 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 2.5 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 2.5 ug/mL |
| .SGTOX_00012 | 05/31/26 | | RESTEK, Lot A0182334 | | (Purchased Reagent) | | Toxaphene Peak 1 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 2 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 3 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 4 | 5000 ug/mL |
| | | | | | | | Toxaphene Peak 5 | 5000 ug/mL |
| **SM_ISTD_00197** | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SM_ISTD_LVI_00197** | 03/30/25 | 03/26/24 | MeCl2, Lot 762001 | 50 mL | SM_ISTD_00197 | 10 mL | 1,4-Dichlorobenzene-d4 | 400 ug/mL |
| | | | | | | | Acenaphthene-d10 | 400 ug/mL |
| | | | | | | | Chrysene-d12 | 400 ug/mL |
| | | | | | | | Naphthalene-d8 | 400 ug/mL |
| | | | | | | | Perylene-d12 | 400 ug/mL |
| | | | | | | | Phenanthrene-d10 | 400 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SMDFTP_CH_00036** | | | | | | | 4,4'-DDD | |
| | | | | | | | 4,4'-DDE | |
| | | | | | | | Tentatively Identified Compound | |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Total Semivolatile Organic Compounds | |
| | | | | | SMDFTTP_CH_00021 | 2.5 mL | 4,4'-DDT | 25 ug/mL |
| | | | | | | | Benzidine_T | 25 ug/mL |
| | | | | | | | DFTPP | 25 ug/mL |
| | | | | | | | Pentachlorophenol_T | 25 ug/mL |
| .SMDFTTP_CH_00021 | 07/31/26 | | Restek, Lot A0200028 | | (Purchased Reagent) | | 4,4'-DDT | 1000 ug/mL |
| | | | | | | | Benzidine_T | 1000 ug/mL |
| | | | | | | | DFTPP | 1000 ug/mL |
| | | | | | | | Pentachlorophenol_T | 1000 ug/mL |
| **SMDFTP_CH_00037** | | | | | | | 4,4'-DDD | |
| | | | | | | | 4,4'-DDE | |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total Semivolatile Organic Compounds | |
| | | | | | SMDFTTP_CH_00021 | 2.5 mL | 4,4'-DDT | 25 ug/mL |
| | | | | | | | Benzidine_T | 25 ug/mL |
| | | | | | | | DFTPP | 25 ug/mL |
| | | | | | | | Pentachlorophenol_T | 25 ug/mL |
| .SMDFTTP_CH_00021 | 07/31/26 | | Restek, Lot A0200028 | | (Purchased Reagent) | | 4,4'-DDT | 1000 ug/mL |
| | | | | | | | Benzidine_T | 1000 ug/mL |
| | | | | | | | DFTPP | 1000 ug/mL |
| | | | | | | | Pentachlorophenol_T | 1000 ug/mL |
| **SV_BNA_ICV_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SV_BNA_ICV_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_std #112nd_00008 | 250 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #92nd_00007 | 625 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | SM_STD1meg2nd_00007 | 1250 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| .SM_std #112nd_00008 | 09/30/25 | | restek, Lot A020138127 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #92nd_00007 | 09/30/25 | | restek, Lot A020147867 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| .SM_STD1meg2nd_00007 | 11/30/25 | | RESTEK, Lot A02010619 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| **SV_BNA_L1_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 5 uL | 2-Fluorobiphenyl | 0.5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.5 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 0.5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 12.5 uL | n,n'-Dimethylaniline | 0.5 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_STD#1mega_00026 | 25 uL | 1,2,4-Trichlorobenzene | 0.5 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.5 ug/mL |
| | | | | | | | Aniline | 0.5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 0.5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.5 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.5 ug/mL |
| | | | | | | | Hexachloroethane | 0.5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.5 ug/mL |
| | | | | | | | Nitrobenzene | 0.5 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| **SV_BNA_L2_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 10 uL | 2,4,6-Tribromophenol (Surr) | 1 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 1 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 1 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 1 ug/mL |
| | | | | | SM_8270cusmix_00005 | 25 uL | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L3_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM_8270_surr_00014 | 10 uL | 2,4,6-Tribromophenol (Surr) | 2 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 2 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 2 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 2 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 2 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 2 ug/mL |
| | | | | | SM_8270cusmix_00005 | 25 uL | n,n'-Dimethylaniline | 2 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | SM_std #9BNA_00024 | 25 uL | 3,3'-Dichlorobenzidine | 2 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 1,2,4-Trichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dioxane | 2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 4 ug/mL |
| | | | | | | | Aniline | 2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorobenzene | 2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2 ug/mL |
| | | | | | | | Hexachloroethane | 2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 2 ug/mL |
| | | | | | | | Isophorone | 2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 2 ug/mL |
| | | | | | | | Nitrobenzene | 2 ug/mL |
| | | | | | | | Pentachlorophenol | 4 ug/mL |
| | | | | | | | Pyridine | 4 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L4_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 62.5 uL | Benzoic acid | 5 ug/mL |
| | | | | | SM_8270_surr_00014 | 25 uL | 2,4,6-Tribromophenol (Surr) | 5 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 62.5 uL | 1,3-Dimethylnaphthalene | 5 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 5 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 5 ug/mL |
| | | | | | | | Carbamazepine | 5 ug/mL |
| | | | | | | | Coumarin | 5 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 5 ug/mL |
| | | | | | | | N-Methylaniline | 5 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 5 ug/mL |
| | | | | | | | Phenyl ether | 5 ug/mL |
| | | | | | SM_BPA_00020 | 125 uL | Bisphenol-A | 5 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 62.5 uL | Atrazine | 5 ug/mL |
| | | | | | | | Benzaldehyde | 5 ug/mL |
| | | | | | | | Caprolactam | 5 ug/mL |
| | | | | | SM_std #9BNA_00024 | 62.5 uL | 3,3'-Dichlorobenzidine | 5 ug/mL |
| | | | | | | | Benzidine | 5 ug/mL |
| | | | | | SM_STD#1mega_00026 | 125 uL | 1,1'-Biphenyl | 5 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 5 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dioxane | 5 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 5 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 5 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 5 ug/mL |
| | | | | | | | 2-Chlorophenol | 5 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2-Methylphenol | 5 ug/mL |
| | | | | | | | 2-Nitroaniline | 5 ug/mL |
| | | | | | | | 2-Nitrophenol | 5 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 5 ug/mL |
| | | | | | | | 3-Nitroaniline | 5 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 10 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 5 ug/mL |
| | | | | | | | 4-Chloroaniline | 5 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Methylphenol | 5 ug/mL |
| | | | | | | | 4-Nitroaniline | 5 ug/mL |
| | | | | | | | 4-Nitrophenol | 10 ug/mL |
| | | | | | | | Acenaphthene | 5 ug/mL |
| | | | | | | | Acenaphthylene | 5 ug/mL |
| | | | | | | | Acetophenone | 5 ug/mL |
| | | | | | | | Aniline | 5 ug/mL |
| | | | | | | | Anthracene | 5 ug/mL |
| | | | | | | | Azobenzene | 5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 5 ug/mL |
| | | | | | | | Benzyl alcohol | 5 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 5 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 5 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 5 ug/mL |
| | | | | | | | Carbazole | 5 ug/mL |
| | | | | | | | Chrysene | 5 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 5 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 5 ug/mL |
| | | | | | | | Dibenzofuran | 5 ug/mL |
| | | | | | | | Diethyl phthalate | 5 ug/mL |
| | | | | | | | Dimethyl phthalate | 5 ug/mL |
| | | | | | | | Fluoranthene | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Fluorene | 5 ug/mL |
| | | | | | | | Hexachlorobenzene | 5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 5 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 5 ug/mL |
| | | | | | | | Hexachloroethane | 5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 5 ug/mL |
| | | | | | | | Isophorone | 5 ug/mL |
| | | | | | | | n-Decane | 5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 5 ug/mL |
| | | | | | | | n-Octadecane | 5 ug/mL |
| | | | | | | | Naphthalene | 5 ug/mL |
| | | | | | | | Nitrobenzene | 5 ug/mL |
| | | | | | | | Pentachlorophenol | 10 ug/mL |
| | | | | | | | Phenanthrene | 5 ug/mL |
| | | | | | | | Phenol | 5 ug/mL |
| | | | | | | | Pyrene | 5 ug/mL |
| | | | | | | | Pyridine | 10 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L5_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 125 uL | Benzoic acid | 10 ug/mL |
| | | | | | SM_8270_surr_00014 | 50 uL | 2,4,6-Tribromophenol (Surr) | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | SM_8270cusmix_00005 | 125 uL | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | SM_BPA_00020 | 250 uL | Bisphenol-A | 10 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 125 uL | Atrazine | 10 ug/mL |
| | | | | | | | Benzaldehyde | 10 ug/mL |
| | | | | | | | Caprolactam | 10 ug/mL |
| | | | | | SM_std #9BNA_00024 | 125 uL | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | SM_STD#1mega_00026 | 250 uL | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L6_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 250 uL | Benzoic acid | 20 ug/mL |
| | | | | | SM_8270_surr_00014 | 100 uL | 2,4,6-Tribromophenol (Surr) | 20 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 20 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 20 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 20 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 20 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 20 ug/mL |
| | | | | | SM_8270cusmix_00005 | 250 uL | 1,3-Dimethylnaphthalene | 20 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 20 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 20 ug/mL |
| | | | | | | | Carbamazepine | 20 ug/mL |
| | | | | | | | Coumarin | 20 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 20 ug/mL |
| | | | | | | | N-Methylaniline | 20 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 20 ug/mL |
| | | | | | | | Phenyl ether | 20 ug/mL |
| | | | | | SM_BPA_00020 | 500 uL | Bisphenol-A | 20 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 200 uL | Atrazine | 16 ug/mL |
| | | | | | | | Benzaldehyde | 16 ug/mL |
| | | | | | | | Caprolactam | 16 ug/mL |
| | | | | | SM_std #9BNA_00024 | 250 uL | 3,3'-Dichlorobenzidine | 20 ug/mL |
| | | | | | | | Benzidine | 20 ug/mL |
| | | | | | SM_STD#1mega_00026 | 500 uL | 1,1'-Biphenyl | 20 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 20 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 20 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dioxane | 20 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 20 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 20 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 40 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 20 ug/mL |
| | | | | | | | 2-Chlorophenol | 20 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2-Methylphenol | 20 ug/mL |
| | | | | | | | 2-Nitroaniline | 20 ug/mL |
| | | | | | | | 2-Nitrophenol | 20 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 20 ug/mL |
| | | | | | | | 3-Nitroaniline | 20 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 40 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 20 ug/mL |
| | | | | | | | 4-Chloroaniline | 20 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Methylphenol | 20 ug/mL |
| | | | | | | | 4-Nitroaniline | 20 ug/mL |
| | | | | | | | 4-Nitrophenol | 40 ug/mL |
| | | | | | | | Acenaphthene | 20 ug/mL |
| | | | | | | | Acenaphthylene | 20 ug/mL |
| | | | | | | | Acetophenone | 20 ug/mL |
| | | | | | | | Aniline | 20 ug/mL |
| | | | | | | | Anthracene | 20 ug/mL |
| | | | | | | | Azobenzene | 20 ug/mL |
| | | | | | | | Benzo[a]anthracene | 20 ug/mL |
| | | | | | | | Benzo[a]pyrene | 20 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 20 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 20 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 20 ug/mL |
| | | | | | | | Benzyl alcohol | 20 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 20 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 20 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 20 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 20 ug/mL |
| | | | | | | | Carbazole | 20 ug/mL |
| | | | | | | | Chrysene | 20 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 20 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 20 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenz(a,h)anthracene | 20 ug/mL |
| | | | | | | | Dibenzofuran | 20 ug/mL |
| | | | | | | | Diethyl phthalate | 20 ug/mL |
| | | | | | | | Dimethyl phthalate | 20 ug/mL |
| | | | | | | | Fluoranthene | 20 ug/mL |
| | | | | | | | Fluorene | 20 ug/mL |
| | | | | | | | Hexachlorobenzene | 20 ug/mL |
| | | | | | | | Hexachlorobutadiene | 20 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 20 ug/mL |
| | | | | | | | Hexachloroethane | 20 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 20 ug/mL |
| | | | | | | | Isophorone | 20 ug/mL |
| | | | | | | | n-Decane | 20 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 20 ug/mL |
| | | | | | | | n-Octadecane | 20 ug/mL |
| | | | | | | | Naphthalene | 20 ug/mL |
| | | | | | | | Nitrobenzene | 20 ug/mL |
| | | | | | | | Pentachlorophenol | 40 ug/mL |
| | | | | | | | Phenanthrene | 20 ug/mL |
| | | | | | | | Phenol | 20 ug/mL |
| | | | | | | | Pyrene | 20 ug/mL |
| | | | | | | | Pyridine | 40 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L7_00007** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 100 mL | SM-BenzAcid_00020 | 2500 uL | Benzoic acid | 50 ug/mL |
| | | | | | SM_8270_surr_00014 | 1000 uL | 2,4,6-Tribromophenol (Surr) | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00005 | 2500 uL | 1,3-Dimethylnaphthalene | 50 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 50 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbamazepine | 50 ug/mL |
| | | | | | | | Coumarin | 50 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 50 ug/mL |
| | | | | | | | N-Methylaniline | 50 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 50 ug/mL |
| | | | | | | | Phenyl ether | 50 ug/mL |
| | | | | | SM_BPA_00020 | 5000 uL | Bisphenol-A | 50 ug/mL |
| | | | | | SM_ISTD_00197 | 2000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 1000 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #9BNA_00024 | 2500 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | | | Benzidine | 50 ug/mL |
| | | | | | SM_STD#1mega_00026 | 5000 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 50 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |
| | | | | | | | Aniline | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Azobenzene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Benzyl alcohol | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | n-Decane | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | n-Octadecane | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| | | | | | | | Pyridine | 100 ug/mL |
| | | | | | SM_TCDD_00016 | 1000 uL | 2,3,7,8-TCDD | 0.5 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| .SM_TCDD_00016 | 03/31/28 | Spex CertiPrep, Lot AA201542801 | | | (Purchased Reagent) | | 2,3,7,8-TCDD | 50 ug/mL |
| **SV_BNA_L8_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1000 uL | Benzoic acid | 80 ug/mL |
| | | | | | SM_8270_surr_00014 | 400 uL | 2,4,6-Tribromophenol (Surr) | 80 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 80 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 80 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 80 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 80 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 80 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1000 uL | 1,3-Dimethylnaphthalene | 80 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 80 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 80 ug/mL |
| | | | | | | | Carbamazepine | 80 ug/mL |
| | | | | | | | Coumarin | 80 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 80 ug/mL |
| | | | | | | | N-Methylaniline | 80 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 80 ug/mL |
| | | | | | | | Phenyl ether | 80 ug/mL |
| | | | | | SM_BPA_00020 | 2000 uL | Bisphenol-A | 80 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 300 uL | Atrazine | 24 ug/mL |
| | | | | | | | Benzaldehyde | 24 ug/mL |
| | | | | | | | Caprolactam | 24 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1000 uL | 3,3'-Dichlorobenzidine | 80 ug/mL |
| | | | | | | | Benzidine | 80 ug/mL |
| | | | | | SM_STD#1mega_00026 | 2000 uL | 1,1'-Biphenyl | 80 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 80 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 80 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dioxane | 80 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 80 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 80 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 80 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 160 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 80 ug/mL |
| | | | | | | | 2-Chlorophenol | 80 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2-Methylphenol | 80 ug/mL |
| | | | | | | | 2-Nitroaniline | 80 ug/mL |
| | | | | | | | 2-Nitrophenol | 80 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 80 ug/mL |
| | | | | | | | 3-Nitroaniline | 80 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 160 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 80 ug/mL |
| | | | | | | | 4-Chloroaniline | 80 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Methylphenol | 80 ug/mL |
| | | | | | | | 4-Nitroaniline | 80 ug/mL |
| | | | | | | | 4-Nitrophenol | 160 ug/mL |
| | | | | | | | Acenaphthene | 80 ug/mL |
| | | | | | | | Acenaphthylene | 80 ug/mL |
| | | | | | | | Acetophenone | 80 ug/mL |
| | | | | | | | Aniline | 80 ug/mL |
| | | | | | | | Anthracene | 80 ug/mL |
| | | | | | | | Azobenzene | 80 ug/mL |
| | | | | | | | Benzo[a]anthracene | 80 ug/mL |
| | | | | | | | Benzo[a]pyrene | 80 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 80 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 80 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 80 ug/mL |
| | | | | | | | Benzyl alcohol | 80 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 80 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bis(2-chloroethyl)ether | 80 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 80 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 80 ug/mL |
| | | | | | | | Carbazole | 80 ug/mL |
| | | | | | | | Chrysene | 80 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 80 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 80 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 80 ug/mL |
| | | | | | | | Dibenzofuran | 80 ug/mL |
| | | | | | | | Diethyl phthalate | 80 ug/mL |
| | | | | | | | Dimethyl phthalate | 80 ug/mL |
| | | | | | | | Fluoranthene | 80 ug/mL |
| | | | | | | | Fluorene | 80 ug/mL |
| | | | | | | | Hexachlorobenzene | 80 ug/mL |
| | | | | | | | Hexachlorobutadiene | 80 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 80 ug/mL |
| | | | | | | | Hexachloroethane | 80 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 80 ug/mL |
| | | | | | | | Isophorone | 80 ug/mL |
| | | | | | | | n-Decane | 80 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 80 ug/mL |
| | | | | | | | n-Octadecane | 80 ug/mL |
| | | | | | | | Naphthalene | 80 ug/mL |
| | | | | | | | Nitrobenzene | 80 ug/mL |
| | | | | | | | Pentachlorophenol | 160 ug/mL |
| | | | | | | | Phenanthrene | 80 ug/mL |
| | | | | | | | Phenol | 80 ug/mL |
| | | | | | | | Pyrene | 80 ug/mL |
| | | | | | | | Pyridine | 160 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNA_L9_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1500 uL | Benzoic acid | 120 ug/mL |
| | | | | | SM_8270_surr_00014 | 600 uL | 2,4,6-Tribromophenol (Surr) | 120 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorophenol (Surr) | 120 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 120 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 120 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 120 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1500 uL | 1,3-Dimethylnaphthalene | 120 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 120 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 120 ug/mL |
| | | | | | | | Carbamazepine | 120 ug/mL |
| | | | | | | | Coumarin | 120 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 120 ug/mL |
| | | | | | | | N-Methylaniline | 120 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 120 ug/mL |
| | | | | | | | Phenyl ether | 120 ug/mL |
| | | | | | SM_BPA_00020 | 3000 uL | Bisphenol-A | 120 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 400 uL | Atrazine | 32 ug/mL |
| | | | | | | | Benzaldehyde | 32 ug/mL |
| | | | | | | | Caprolactam | 32 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1500 uL | 3,3'-Dichlorobenzidine | 120 ug/mL |
| | | | | | | | Benzidine | 120 ug/mL |
| | | | | | SM_STD#1mega_00026 | 3000 uL | 1,1'-Biphenyl | 120 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 120 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 120 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dioxane | 120 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 120 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 120 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 120 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 240 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 120 ug/mL |
| | | | | | | | 2-Chlorophenol | 120 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Methylphenol | 120 ug/mL |
| | | | | | | | 2-Nitroaniline | 120 ug/mL |
| | | | | | | | 2-Nitrophenol | 120 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 120 ug/mL |
| | | | | | | | 3-Nitroaniline | 120 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 240 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 120 ug/mL |
| | | | | | | | 4-Chloroaniline | 120 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Methylphenol | 120 ug/mL |
| | | | | | | | 4-Nitroaniline | 120 ug/mL |
| | | | | | | | 4-Nitrophenol | 240 ug/mL |
| | | | | | | | Acenaphthene | 120 ug/mL |
| | | | | | | | Acenaphthylene | 120 ug/mL |
| | | | | | | | Acetophenone | 120 ug/mL |
| | | | | | | | Aniline | 120 ug/mL |
| | | | | | | | Anthracene | 120 ug/mL |
| | | | | | | | Azobenzene | 120 ug/mL |
| | | | | | | | Benzo[a]anthracene | 120 ug/mL |
| | | | | | | | Benzo[a]pyrene | 120 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 120 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 120 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 120 ug/mL |
| | | | | | | | Benzyl alcohol | 120 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 120 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 120 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 120 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 120 ug/mL |
| | | | | | | | Carbazole | 120 ug/mL |
| | | | | | | | Chrysene | 120 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 120 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 120 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 120 ug/mL |
| | | | | | | | Dibenzofuran | 120 ug/mL |
| | | | | | | | Diethyl phthalate | 120 ug/mL |
| | | | | | | | Dimethyl phthalate | 120 ug/mL |
| | | | | | | | Fluoranthene | 120 ug/mL |
| | | | | | | | Fluorene | 120 ug/mL |
| | | | | | | | Hexachlorobenzene | 120 ug/mL |
| | | | | | | | Hexachlorobutadiene | 120 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 120 ug/mL |
| | | | | | | | Hexachloroethane | 120 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 120 ug/mL |
| | | | | | | | Isophorone | 120 ug/mL |
| | | | | | | | n-Decane | 120 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodimethylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 120 ug/mL |
| | | | | | | | n-Octadecane | 120 ug/mL |
| | | | | | | | Naphthalene | 120 ug/mL |
| | | | | | | | Nitrobenzene | 120 ug/mL |
| | | | | | | | Pentachlorophenol | 240 ug/mL |
| | | | | | | | Phenanthrene | 120 ug/mL |
| | | | | | | | Phenol | 120 ug/mL |
| | | | | | | | Pyrene | 120 ug/mL |
| | | | | | | | Pyridine | 240 ug/mL |
| .SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| .SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| .SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| .SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| .SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| .SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| .SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| .SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL1_LVI_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L1_00006 | 2 mL | 2-Fluorobiphenyl | 0.1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.1 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 0.1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.1 ug/mL |
| | | | | | | | N-Methylaniline | 0.1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.1 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.1 ug/mL |
| | | | | | | | Aniline | 0.1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bis(2-chloroethyl)ether | 0.1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.1 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.1 ug/mL |
| | | | | | | | Hexachloroethane | 0.1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.1 ug/mL |
| | | | | | | | Naphthalene | 0.1 ug/mL |
| | | | | | | | Nitrobenzene | 0.1 ug/mL |
| | | | | | | | Pyridine | 0.2 ug/mL |
| .SV_BNA_L1_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 5 uL | 2-Fluorobiphenyl | 0.5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.5 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 0.5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 12.5 uL | n,n'-Dimethylaniline | 0.5 ug/mL |
| | | | | | | | N-Methylaniline | 0.5 ug/mL |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_STD#1mega_00026 | 25 uL | 1,1'-Biphenyl | 0.5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.5 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.5 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.5 ug/mL |
| | | | | | | | Aniline | 0.5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.5 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.5 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.5 ug/mL |
| | | | | | | | Hexachloroethane | 0.5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.5 ug/mL |
| | | | | | | | Naphthalene | 0.5 ug/mL |
| | | | | | | | Nitrobenzene | 0.5 ug/mL |
| | | | | | | | Pyridine | 1 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL2_LVI_00006** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L2_00006 | 2 mL | 2,4,6-Tribromophenol (Surr) | 0.2 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 0.2 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 0.2 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 0.2 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 0.2 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 0.2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 0.2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 0.2 ug/mL |
| | | | | | | | N-Methylaniline | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzaldehyde | 0.2 ug/mL |
| | | | | | | | Caprolactam | 0.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 0.2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 0.2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 0.2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 0.2 ug/mL |
| | | | | | | | 1,4-Dioxane | 0.2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 0.2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 0.2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 0.2 ug/mL |
| | | | | | | | 4-Chloroaniline | 0.2 ug/mL |
| | | | | | | | Aniline | 0.2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 0.2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 0.2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 0.2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 0.2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 0.2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 0.2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 0.2 ug/mL |
| | | | | | | | Chrysene | 0.2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 0.2 ug/mL |
| | | | | | | | Fluoranthene | 0.2 ug/mL |
| | | | | | | | Fluorene | 0.2 ug/mL |
| | | | | | | | Hexachlorobenzene | 0.2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 0.2 ug/mL |
| | | | | | | | Hexachloroethane | 0.2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 0.2 ug/mL |
| | | | | | | | Isophorone | 0.2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 0.2 ug/mL |
| | | | | | | | Naphthalene | 0.2 ug/mL |
| | | | | | | | Nitrobenzene | 0.2 ug/mL |
| | | | | | | | Pyrene | 0.2 ug/mL |
| | | | | | | | Pyridine | 0.4 ug/mL |
| .SV_BNA_L2_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 50 mL | SM_8270_surr_00014 | 10 uL | 2,4,6-Tribromophenol (Surr) | 1 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 1 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 1 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 1 ug/mL |
| | | | | | SM_8270cusmix_00005 | 25 uL | 2-tertbutyl-4-methylphenol | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | SM_ISTD_00197 | 1000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | SM_std #9BNA_00024 | 25 uL | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL3_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L3_00006 | 2 mL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 0.4 ug/mL |
| | | | | | | | Benzaldehyde | 0.4 ug/mL |
| | | | | | | | Caprolactam | 0.4 ug/mL |
| | | | | | | | Benzidine | 0.4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 0.8 ug/mL |
| .SV_BNA_L3_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 25 uL | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | SM_std #9BNA_00024 | 25 uL | Benzidine | 2 ug/mL |
| | | | | | SM_STD#1mega_00026 | 50 uL | 2,4-Dinitrophenol | 4 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 2,4-Dinitrophenol | 2000 ug/mL |
| **SV_BNAL4_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L4_00006 | 2 mL | Benzoic acid | 1 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 1 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 1 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 1 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 1 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 1 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 1 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 1 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 1 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 1 ug/mL |
| | | | | | | | Carbamazepine | 1 ug/mL |
| | | | | | | | Coumarin | 1 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 1 ug/mL |
| | | | | | | | N-Methylaniline | 1 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 1 ug/mL |
| | | | | | | | Phenyl ether | 1 ug/mL |
| | | | | | | | Bisphenol-A | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 1 ug/mL |
| | | | | | | | Benzaldehyde | 1 ug/mL |
| | | | | | | | Caprolactam | 1 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 1 ug/mL |
| | | | | | | | Benzidine | 1 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 1 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1 ug/mL |
| | | | | | | | 1,4-Dioxane | 1 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1 ug/mL |
| | | | | | | | 2-Chlorophenol | 1 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1 ug/mL |
| | | | | | | | 2-Methylphenol | 1 ug/mL |
| | | | | | | | 2-Nitroaniline | 1 ug/mL |
| | | | | | | | 2-Nitrophenol | 1 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1 ug/mL |
| | | | | | | | 3-Nitroaniline | 1 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Bromophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1 ug/mL |
| | | | | | | | 4-Chloroaniline | 1 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1 ug/mL |
| | | | | | | | 4-Methylphenol | 1 ug/mL |
| | | | | | | | 4-Nitroaniline | 1 ug/mL |
| | | | | | | | 4-Nitrophenol | 2 ug/mL |
| | | | | | | | Acenaphthene | 1 ug/mL |
| | | | | | | | Acenaphthylene | 1 ug/mL |
| | | | | | | | Acetophenone | 1 ug/mL |
| | | | | | | | Aniline | 1 ug/mL |
| | | | | | | | Anthracene | 1 ug/mL |
| | | | | | | | Azobenzene | 1 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1 ug/mL |
| | | | | | | | Benzyl alcohol | 1 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1 ug/mL |
| | | | | | | | Carbazole | 1 ug/mL |
| | | | | | | | Chrysene | 1 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1 ug/mL |
| | | | | | | | Dibenzofuran | 1 ug/mL |
| | | | | | | | Diethyl phthalate | 1 ug/mL |
| | | | | | | | Dimethyl phthalate | 1 ug/mL |
| | | | | | | | Fluoranthene | 1 ug/mL |
| | | | | | | | Fluorene | 1 ug/mL |
| | | | | | | | Hexachlorobenzene | 1 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1 ug/mL |
| | | | | | | | Hexachloroethane | 1 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1 ug/mL |
| | | | | | | | Isophorone | 1 ug/mL |
| | | | | | | | n-Decane | 1 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1 ug/mL |
| | | | | | | | n-Octadecane | 1 ug/mL |
| | | | | | | | Naphthalene | 1 ug/mL |
| | | | | | | | Nitrobenzene | 1 ug/mL |
| | | | | | | | Pentachlorophenol | 2 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenanthrene | 1 ug/mL |
| | | | | | | | Phenol | 1 ug/mL |
| | | | | | | | Pyrene | 1 ug/mL |
| | | | | | | | Pyridine | 2 ug/mL |
| .SV_BNA_L4_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 62.5 uL | Benzoic acid | 5 ug/mL |
| | | | | | SM_8270_surr_00014 | 25 uL | 2,4,6-Tribromophenol (Surr) | 5 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5 ug/mL |
| | | | | | SM_8270cusmix_00005 | 62.5 uL | 1,3-Dimethylnaphthalene | 5 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 5 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 5 ug/mL |
| | | | | | | | Carbamazepine | 5 ug/mL |
| | | | | | | | Coumarin | 5 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 5 ug/mL |
| | | | | | | | N-Methylaniline | 5 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 5 ug/mL |
| | | | | | | | Phenyl ether | 5 ug/mL |
| | | | | | SM_BPA_00020 | 125 uL | Bisphenol-A | 5 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 62.5 uL | Atrazine | 5 ug/mL |
| | | | | | | | Benzaldehyde | 5 ug/mL |
| | | | | | | | Caprolactam | 5 ug/mL |
| | | | | | SM_std #9BNA_00024 | 62.5 uL | 3,3'-Dichlorobenzidine | 5 ug/mL |
| | | | | | | | Benzidine | 5 ug/mL |
| | | | | | SM_STD#1mega_00026 | 125 uL | 1,1'-Biphenyl | 5 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 5 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 5 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 5 ug/mL |
| | | | | | | | 1,4-Dioxane | 5 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 5 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 5 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,4-Dinitrophenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 5 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 5 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 5 ug/mL |
| | | | | | | | 2-Chlorophenol | 5 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 5 ug/mL |
| | | | | | | | 2-Methylphenol | 5 ug/mL |
| | | | | | | | 2-Nitroaniline | 5 ug/mL |
| | | | | | | | 2-Nitrophenol | 5 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 5 ug/mL |
| | | | | | | | 3-Nitroaniline | 5 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 10 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 5 ug/mL |
| | | | | | | | 4-Chloroaniline | 5 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 5 ug/mL |
| | | | | | | | 4-Methylphenol | 5 ug/mL |
| | | | | | | | 4-Nitroaniline | 5 ug/mL |
| | | | | | | | 4-Nitrophenol | 10 ug/mL |
| | | | | | | | Acenaphthene | 5 ug/mL |
| | | | | | | | Acenaphthylene | 5 ug/mL |
| | | | | | | | Acetophenone | 5 ug/mL |
| | | | | | | | Aniline | 5 ug/mL |
| | | | | | | | Anthracene | 5 ug/mL |
| | | | | | | | Azobenzene | 5 ug/mL |
| | | | | | | | Benzo[a]anthracene | 5 ug/mL |
| | | | | | | | Benzo[a]pyrene | 5 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 5 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 5 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 5 ug/mL |
| | | | | | | | Benzyl alcohol | 5 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 5 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 5 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 5 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 5 ug/mL |
| | | | | | | | Carbazole | 5 ug/mL |
| | | | | | | | Chrysene | 5 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 5 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 5 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 5 ug/mL |
| | | | | | | | Dibenzofuran | 5 ug/mL |
| | | | | | | | Diethyl phthalate | 5 ug/mL |
| | | | | | | | Dimethyl phthalate | 5 ug/mL |
| | | | | | | | Fluoranthene | 5 ug/mL |
| | | | | | | | Fluorene | 5 ug/mL |
| | | | | | | | Hexachlorobenzene | 5 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Hexachlorobutadiene | 5 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 5 ug/mL |
| | | | | | | | Hexachloroethane | 5 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 5 ug/mL |
| | | | | | | | Isophorone | 5 ug/mL |
| | | | | | | | n-Decane | 5 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 5 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 5 ug/mL |
| | | | | | | | n-Octadecane | 5 ug/mL |
| | | | | | | | Naphthalene | 5 ug/mL |
| | | | | | | | Nitrobenzene | 5 ug/mL |
| | | | | | | | Pentachlorophenol | 10 ug/mL |
| | | | | | | | Phenanthrene | 5 ug/mL |
| | | | | | | | Phenol | 5 ug/mL |
| | | | | | | | Pyrene | 5 ug/mL |
| | | | | | | | Pyridine | 10 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL5_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L5_00006 | 2 mL | Benzoic acid | 2 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 2 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 2 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 2 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 2 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 2 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 2 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 2 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2 ug/mL |
| | | | | | | | Carbamazepine | 2 ug/mL |
| | | | | | | | Coumarin | 2 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2 ug/mL |
| | | | | | | | N-Methylaniline | 2 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2 ug/mL |
| | | | | | | | Phenyl ether | 2 ug/mL |
| | | | | | | | Bisphenol-A | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 2 ug/mL |
| | | | | | | | Benzaldehyde | 2 ug/mL |
| | | | | | | | Caprolactam | 2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 2 ug/mL |
| | | | | | | | Benzidine | 2 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 2 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 2 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 2 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 2 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 2 ug/mL |
| | | | | | | | 1,4-Dioxane | 2 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 2 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 2 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 2 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 2 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 2 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 2 ug/mL |
| | | | | | | | 2-Chlorophenol | 2 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 2 ug/mL |
| | | | | | | | 2-Methylphenol | 2 ug/mL |
| | | | | | | | 2-Nitroaniline | 2 ug/mL |
| | | | | | | | 2-Nitrophenol | 2 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 2 ug/mL |
| | | | | | | | 3-Nitroaniline | 2 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 4 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 2 ug/mL |
| | | | | | | | 4-Chloroaniline | 2 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 2 ug/mL |
| | | | | | | | 4-Methylphenol | 2 ug/mL |
| | | | | | | | 4-Nitroaniline | 2 ug/mL |
| | | | | | | | 4-Nitrophenol | 4 ug/mL |
| | | | | | | | Acenaphthene | 2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthylene | 2 ug/mL |
| | | | | | | | Acetophenone | 2 ug/mL |
| | | | | | | | Aniline | 2 ug/mL |
| | | | | | | | Anthracene | 2 ug/mL |
| | | | | | | | Azobenzene | 2 ug/mL |
| | | | | | | | Benzo[a]anthracene | 2 ug/mL |
| | | | | | | | Benzo[a]pyrene | 2 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 2 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 2 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 2 ug/mL |
| | | | | | | | Benzyl alcohol | 2 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 2 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 2 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 2 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 2 ug/mL |
| | | | | | | | Carbazole | 2 ug/mL |
| | | | | | | | Chrysene | 2 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 2 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 2 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 2 ug/mL |
| | | | | | | | Dibenzofuran | 2 ug/mL |
| | | | | | | | Diethyl phthalate | 2 ug/mL |
| | | | | | | | Dimethyl phthalate | 2 ug/mL |
| | | | | | | | Fluoranthene | 2 ug/mL |
| | | | | | | | Fluorene | 2 ug/mL |
| | | | | | | | Hexachlorobenzene | 2 ug/mL |
| | | | | | | | Hexachlorobutadiene | 2 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 2 ug/mL |
| | | | | | | | Hexachloroethane | 2 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 2 ug/mL |
| | | | | | | | Isophorone | 2 ug/mL |
| | | | | | | | n-Decane | 2 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 2 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 2 ug/mL |
| | | | | | | | n-Octadecane | 2 ug/mL |
| | | | | | | | Naphthalene | 2 ug/mL |
| | | | | | | | Nitrobenzene | 2 ug/mL |
| | | | | | | | Pentachlorophenol | 4 ug/mL |
| | | | | | | | Phenanthrene | 2 ug/mL |
| | | | | | | | Phenol | 2 ug/mL |
| | | | | | | | Pyrene | 2 ug/mL |
| | | | | | | | Pyridine | 4 ug/mL |
| .SV_BNA_L5_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 125 uL | Benzoic acid | 10 ug/mL |
| | | | | | SM_8270_surr_00014 | 50 uL | 2,4,6-Tribromophenol (Surr) | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | SM_8270cusmix_00005 | 125 uL | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | SM_BPA_00020 | 250 uL | Bisphenol-A | 10 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 125 uL | Atrazine | 10 ug/mL |
| | | | | | | | Benzaldehyde | 10 ug/mL |
| | | | | | | | Caprolactam | 10 ug/mL |
| | | | | | SM_std #9BNA_00024 | 125 uL | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | SM_STD#1mega_00026 | 250 uL | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL6_LVI_00009** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L6_00006 | 2 mL | Benzoic acid | 4 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 4 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 4 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 4 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 4 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 4 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 4 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 4 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 4 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 4 ug/mL |
| | | | | | | | Carbamazepine | 4 ug/mL |
| | | | | | | | Coumarin | 4 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 4 ug/mL |
| | | | | | | | N-Methylaniline | 4 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 4 ug/mL |
| | | | | | | | Phenyl ether | 4 ug/mL |
| | | | | | | | Bisphenol-A | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 3.2 ug/mL |
| | | | | | | | Benzaldehyde | 3.2 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Caprolactam | 3.2 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 4 ug/mL |
| | | | | | | | Benzidine | 4 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 4 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 4 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 4 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 4 ug/mL |
| | | | | | | | 1,4-Dioxane | 4 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 4 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 4 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 4 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 8 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 4 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 4 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 4 ug/mL |
| | | | | | | | 2-Chlorophenol | 4 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 4 ug/mL |
| | | | | | | | 2-Methylphenol | 4 ug/mL |
| | | | | | | | 2-Nitroaniline | 4 ug/mL |
| | | | | | | | 2-Nitrophenol | 4 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 4 ug/mL |
| | | | | | | | 3-Nitroaniline | 4 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 8 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 4 ug/mL |
| | | | | | | | 4-Chloroaniline | 4 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 4 ug/mL |
| | | | | | | | 4-Methylphenol | 4 ug/mL |
| | | | | | | | 4-Nitroaniline | 4 ug/mL |
| | | | | | | | 4-Nitrophenol | 8 ug/mL |
| | | | | | | | Acenaphthene | 4 ug/mL |
| | | | | | | | Acenaphthylene | 4 ug/mL |
| | | | | | | | Acetophenone | 4 ug/mL |
| | | | | | | | Aniline | 4 ug/mL |
| | | | | | | | Anthracene | 4 ug/mL |
| | | | | | | | Azobenzene | 4 ug/mL |
| | | | | | | | Benzo[a]anthracene | 4 ug/mL |
| | | | | | | | Benzo[a]pyrene | 4 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 4 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[g,h,i]perylene | 4 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 4 ug/mL |
| | | | | | | | Benzyl alcohol | 4 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 4 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 4 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 4 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 4 ug/mL |
| | | | | | | | Carbazole | 4 ug/mL |
| | | | | | | | Chrysene | 4 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 4 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 4 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 4 ug/mL |
| | | | | | | | Dibenzofuran | 4 ug/mL |
| | | | | | | | Diethyl phthalate | 4 ug/mL |
| | | | | | | | Dimethyl phthalate | 4 ug/mL |
| | | | | | | | Fluoranthene | 4 ug/mL |
| | | | | | | | Fluorene | 4 ug/mL |
| | | | | | | | Hexachlorobenzene | 4 ug/mL |
| | | | | | | | Hexachlorobutadiene | 4 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 4 ug/mL |
| | | | | | | | Hexachloroethane | 4 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 4 ug/mL |
| | | | | | | | Isophorone | 4 ug/mL |
| | | | | | | | n-Decane | 4 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 4 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 4 ug/mL |
| | | | | | | | n-Octadecane | 4 ug/mL |
| | | | | | | | Naphthalene | 4 ug/mL |
| | | | | | | | Nitrobenzene | 4 ug/mL |
| | | | | | | | Pentachlorophenol | 8 ug/mL |
| | | | | | | | Phenanthrene | 4 ug/mL |
| | | | | | | | Phenol | 4 ug/mL |
| | | | | | | | Pyrene | 4 ug/mL |
| | | | | | | | Pyridine | 8 ug/mL |
| .SV_BNA_L6_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 250 uL | Benzoic acid | 20 ug/mL |
| | | | | | SM_8270_surr_00014 | 100 uL | 2,4,6-Tribromophenol (Surr) | 20 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 20 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 20 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 20 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 20 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 20 ug/mL |
| | | | | | SM_8270cusmix_00005 | 250 uL | 1,3-Dimethylnaphthalene | 20 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 20 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 20 ug/mL |
| | | | | | | | Carbamazepine | 20 ug/mL |
| | | | | | | | Coumarin | 20 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n,n'-Dimethylaniline | 20 ug/mL |
| | | | | | | | N-Methylaniline | 20 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 20 ug/mL |
| | | | | | | | Phenyl ether | 20 ug/mL |
| | | | | | SM_BPA_00020 | 500 uL | Bisphenol-A | 20 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 200 uL | Atrazine | 16 ug/mL |
| | | | | | | | Benzaldehyde | 16 ug/mL |
| | | | | | | | Caprolactam | 16 ug/mL |
| | | | | | SM_std #9BNA_00024 | 250 uL | 3,3'-Dichlorobenzidine | 20 ug/mL |
| | | | | | | | Benzidine | 20 ug/mL |
| | | | | | SM_STD#1mega_00026 | 500 uL | 1,1'-Biphenyl | 20 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 20 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 20 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 20 ug/mL |
| | | | | | | | 1,4-Dioxane | 20 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 20 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 20 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 40 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 20 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 20 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 20 ug/mL |
| | | | | | | | 2-Chlorophenol | 20 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 20 ug/mL |
| | | | | | | | 2-Methylphenol | 20 ug/mL |
| | | | | | | | 2-Nitroaniline | 20 ug/mL |
| | | | | | | | 2-Nitrophenol | 20 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 20 ug/mL |
| | | | | | | | 3-Nitroaniline | 20 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 40 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 20 ug/mL |
| | | | | | | | 4-Chloroaniline | 20 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chlorophenyl phenyl ether | 20 ug/mL |
| | | | | | | | 4-Methylphenol | 20 ug/mL |
| | | | | | | | 4-Nitroaniline | 20 ug/mL |
| | | | | | | | 4-Nitrophenol | 40 ug/mL |
| | | | | | | | Acenaphthene | 20 ug/mL |
| | | | | | | | Acenaphthylene | 20 ug/mL |
| | | | | | | | Acetophenone | 20 ug/mL |
| | | | | | | | Aniline | 20 ug/mL |
| | | | | | | | Anthracene | 20 ug/mL |
| | | | | | | | Azobenzene | 20 ug/mL |
| | | | | | | | Benzo[a]anthracene | 20 ug/mL |
| | | | | | | | Benzo[a]pyrene | 20 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 20 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 20 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 20 ug/mL |
| | | | | | | | Benzyl alcohol | 20 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 20 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 20 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 20 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 20 ug/mL |
| | | | | | | | Carbazole | 20 ug/mL |
| | | | | | | | Chrysene | 20 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 20 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 20 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 20 ug/mL |
| | | | | | | | Dibenzofuran | 20 ug/mL |
| | | | | | | | Diethyl phthalate | 20 ug/mL |
| | | | | | | | Dimethyl phthalate | 20 ug/mL |
| | | | | | | | Fluoranthene | 20 ug/mL |
| | | | | | | | Fluorene | 20 ug/mL |
| | | | | | | | Hexachlorobenzene | 20 ug/mL |
| | | | | | | | Hexachlorobutadiene | 20 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 20 ug/mL |
| | | | | | | | Hexachloroethane | 20 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 20 ug/mL |
| | | | | | | | Isophorone | 20 ug/mL |
| | | | | | | | n-Decane | 20 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 20 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 20 ug/mL |
| | | | | | | | n-Octadecane | 20 ug/mL |
| | | | | | | | Naphthalene | 20 ug/mL |
| | | | | | | | Nitrobenzene | 20 ug/mL |
| | | | | | | | Pentachlorophenol | 40 ug/mL |
| | | | | | | | Phenanthrene | 20 ug/mL |
| | | | | | | | Phenol | 20 ug/mL |
| | | | | | | | Pyrene | 20 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pyridine | 40 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL7_LVI_00009** | 03/27/25 | 03/27/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L7_00007 | 2 mL | Benzoic acid | 10 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 10 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 10 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 10 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 10 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 10 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 10 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 10 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 10 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 10 ug/mL |
| | | | | | | | Carbamazepine | 10 ug/mL |
| | | | | | | | Coumarin | 10 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 10 ug/mL |
| | | | | | | | N-Methylaniline | 10 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 10 ug/mL |
| | | | | | | | Phenyl ether | 10 ug/mL |
| | | | | | | | Bisphenol-A | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4 ug/mL |
| | | | | | | | Benzaldehyde | 4 ug/mL |
| | | | | | | | Caprolactam | 4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | Benzidine | 10 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 10 ug/mL |
| | | | | | | | 1,4-Dioxane | 10 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Aniline | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Azobenzene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Benzyl alcohol | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | n-Decane | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | n-Octadecane | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| | | | | | | | Pyridine | 20 ug/mL |
| | | | | | | | 2,3,7,8-TCDD | 0.1 ug/mL |
| .SV_BNA_L7_00007 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 100 mL | SM-BenzAcid_00020 | 2500 uL | Benzoic acid | 50 ug/mL |
| | | | | | SM_8270_surr_00014 | 1000 uL | 2,4,6-Tribromophenol (Surr) | 50 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 50 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 50 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 50 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 50 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 50 ug/mL |
| | | | | | SM_8270cusmix_00005 | 2500 uL | 1,3-Dimethylnaphthalene | 50 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 50 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 50 ug/mL |
| | | | | | | | Carbamazepine | 50 ug/mL |
| | | | | | | | Coumarin | 50 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 50 ug/mL |
| | | | | | | | N-Methylaniline | 50 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 50 ug/mL |
| | | | | | | | Phenyl ether | 50 ug/mL |
| | | | | | SM_BPA_00020 | 5000 uL | Bisphenol-A | 50 ug/mL |
| | | | | | SM_ISTD_00197 | 2000 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 1000 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #9BNA_00024 | 2500 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | | | Benzidine | 50 ug/mL |
| | | | | | SM_STD#1mega_00026 | 5000 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 50 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 50 ug/mL |
| | | | | | | | 1,4-Dioxane | 50 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Aniline | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Azobenzene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Benzyl alcohol | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | n-Decane | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | n-Octadecane | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| | | | | | | | Pyridine | 100 ug/mL |
| | | | | | SM_TCDD_00016 | 1000 uL | 2,3,7,8-TCDD | 0.5 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | Restek, Lot A0209261 | | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | Agilent, Lot 0006910257 | | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| ..SM_TCDD_00016 | 03/31/28 | Spex CertiPrep, Lot AA201542801 | | | (Purchased Reagent) | | 2,3,7,8-TCDD | 50 ug/mL |
| **SV_BNAL8_LVI_00008** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L8_00006 | 2 mL | Benzoic acid | 16 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 16 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 16 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 16 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 16 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 16 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 16 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 16 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 16 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 16 ug/mL |
| | | | | | | | Carbamazepine | 16 ug/mL |
| | | | | | | | Coumarin | 16 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 16 ug/mL |
| | | | | | | | N-Methylaniline | 16 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 16 ug/mL |
| | | | | | | | Phenyl ether | 16 ug/mL |
| | | | | | | | Bisphenol-A | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 4.8 ug/mL |
| | | | | | | | Benzaldehyde | 4.8 ug/mL |
| | | | | | | | Caprolactam | 4.8 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 16 ug/mL |
| | | | | | | | Benzidine | 16 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 16 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 16 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 16 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 16 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 16 ug/mL |
| | | | | | | | 1,4-Dioxane | 16 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 16 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 16 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 16 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 32 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 16 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 16 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 16 ug/mL |
| | | | | | | | 2-Chlorophenol | 16 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 16 ug/mL |
| | | | | | | | 2-Methylphenol | 16 ug/mL |
| | | | | | | | 2-Nitroaniline | 16 ug/mL |
| | | | | | | | 2-Nitrophenol | 16 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 16 ug/mL |
| | | | | | | | 3-Nitroaniline | 16 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 32 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 16 ug/mL |
| | | | | | | | 4-Chloroaniline | 16 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 16 ug/mL |
| | | | | | | | 4-Methylphenol | 16 ug/mL |
| | | | | | | | 4-Nitroaniline | 16 ug/mL |
| | | | | | | | 4-Nitrophenol | 32 ug/mL |
| | | | | | | | Acenaphthene | 16 ug/mL |
| | | | | | | | Acenaphthylene | 16 ug/mL |
| | | | | | | | Acetophenone | 16 ug/mL |
| | | | | | | | Aniline | 16 ug/mL |
| | | | | | | | Anthracene | 16 ug/mL |
| | | | | | | | Azobenzene | 16 ug/mL |
| | | | | | | | Benzo[a]anthracene | 16 ug/mL |
| | | | | | | | Benzo[a]pyrene | 16 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 16 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 16 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 16 ug/mL |
| | | | | | | | Benzyl alcohol | 16 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 16 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 16 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 16 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 16 ug/mL |
| | | | | | | | Carbazole | 16 ug/mL |
| | | | | | | | Chrysene | 16 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 16 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 16 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 16 ug/mL |
| | | | | | | | Dibenzofuran | 16 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Diethyl phthalate | 16 ug/mL |
| | | | | | | | Dimethyl phthalate | 16 ug/mL |
| | | | | | | | Fluoranthene | 16 ug/mL |
| | | | | | | | Fluorene | 16 ug/mL |
| | | | | | | | Hexachlorobenzene | 16 ug/mL |
| | | | | | | | Hexachlorobutadiene | 16 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 16 ug/mL |
| | | | | | | | Hexachloroethane | 16 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 16 ug/mL |
| | | | | | | | Isophorone | 16 ug/mL |
| | | | | | | | n-Decane | 16 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 16 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 16 ug/mL |
| | | | | | | | n-Octadecane | 16 ug/mL |
| | | | | | | | Naphthalene | 16 ug/mL |
| | | | | | | | Nitrobenzene | 16 ug/mL |
| | | | | | | | Pentachlorophenol | 32 ug/mL |
| | | | | | | | Phenanthrene | 16 ug/mL |
| | | | | | | | Phenol | 16 ug/mL |
| | | | | | | | Pyrene | 16 ug/mL |
| | | | | | | | Pyridine | 32 ug/mL |
| .SV_BNA_L8_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1000 uL | Benzoic acid | 80 ug/mL |
| | | | | | SM_8270_surr_00014 | 400 uL | 2,4,6-Tribromophenol (Surr) | 80 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 80 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 80 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 80 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 80 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 80 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1000 uL | 1,3-Dimethylnaphthalene | 80 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 80 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 80 ug/mL |
| | | | | | | | Carbamazepine | 80 ug/mL |
| | | | | | | | Coumarin | 80 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 80 ug/mL |
| | | | | | | | N-Methylaniline | 80 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 80 ug/mL |
| | | | | | | | Phenyl ether | 80 ug/mL |
| | | | | | SM_BPA_00020 | 2000 uL | Bisphenol-A | 80 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 300 uL | Atrazine | 24 ug/mL |
| | | | | | | | Benzaldehyde | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Caprolactam | 24 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1000 uL | 3,3'-Dichlorobenzidine | 80 ug/mL |
| | | | | | | | Benzidine | 80 ug/mL |
| | | | | | SM_STD#1mega_00026 | 2000 uL | 1,1'-Biphenyl | 80 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 80 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 80 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 80 ug/mL |
| | | | | | | | 1,4-Dioxane | 80 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 80 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 80 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 80 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 160 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 80 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 80 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 80 ug/mL |
| | | | | | | | 2-Chlorophenol | 80 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 80 ug/mL |
| | | | | | | | 2-Methylphenol | 80 ug/mL |
| | | | | | | | 2-Nitroaniline | 80 ug/mL |
| | | | | | | | 2-Nitrophenol | 80 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 80 ug/mL |
| | | | | | | | 3-Nitroaniline | 80 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 160 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 80 ug/mL |
| | | | | | | | 4-Chloroaniline | 80 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 80 ug/mL |
| | | | | | | | 4-Methylphenol | 80 ug/mL |
| | | | | | | | 4-Nitroaniline | 80 ug/mL |
| | | | | | | | 4-Nitrophenol | 160 ug/mL |
| | | | | | | | Acenaphthene | 80 ug/mL |
| | | | | | | | Acenaphthylene | 80 ug/mL |
| | | | | | | | Acetophenone | 80 ug/mL |
| | | | | | | | Aniline | 80 ug/mL |
| | | | | | | | Anthracene | 80 ug/mL |
| | | | | | | | Azobenzene | 80 ug/mL |
| | | | | | | | Benzo[a]anthracene | 80 ug/mL |
| | | | | | | | Benzo[a]pyrene | 80 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 80 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[g,h,i]perylene | 80 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 80 ug/mL |
| | | | | | | | Benzyl alcohol | 80 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 80 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 80 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 80 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 80 ug/mL |
| | | | | | | | Carbazole | 80 ug/mL |
| | | | | | | | Chrysene | 80 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 80 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 80 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 80 ug/mL |
| | | | | | | | Dibenzofuran | 80 ug/mL |
| | | | | | | | Diethyl phthalate | 80 ug/mL |
| | | | | | | | Dimethyl phthalate | 80 ug/mL |
| | | | | | | | Fluoranthene | 80 ug/mL |
| | | | | | | | Fluorene | 80 ug/mL |
| | | | | | | | Hexachlorobenzene | 80 ug/mL |
| | | | | | | | Hexachlorobutadiene | 80 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 80 ug/mL |
| | | | | | | | Hexachloroethane | 80 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 80 ug/mL |
| | | | | | | | Isophorone | 80 ug/mL |
| | | | | | | | n-Decane | 80 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 80 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 80 ug/mL |
| | | | | | | | n-Octadecane | 80 ug/mL |
| | | | | | | | Naphthalene | 80 ug/mL |
| | | | | | | | Nitrobenzene | 80 ug/mL |
| | | | | | | | Pentachlorophenol | 160 ug/mL |
| | | | | | | | Phenanthrene | 80 ug/mL |
| | | | | | | | Phenol | 80 ug/mL |
| | | | | | | | Pyrene | 80 ug/mL |
| | | | | | | | Pyridine | 160 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_BNAL9_LVI_00007** | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 10 mL | SV_BNA_L9_00006 | 2 mL | Benzoic acid | 24 ug/mL |
| | | | | | | | 2,4,6-Tribromophenol (Surr) | 24 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 24 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 24 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 24 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 24 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 24 ug/mL |
| | | | | | | | 1,3-Dimethylnaphthalene | 24 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 24 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 24 ug/mL |
| | | | | | | | Carbamazepine | 24 ug/mL |
| | | | | | | | Coumarin | 24 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 24 ug/mL |
| | | | | | | | N-Methylaniline | 24 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 24 ug/mL |
| | | | | | | | Phenyl ether | 24 ug/mL |
| | | | | | | | Bisphenol-A | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| | | | | | | | Atrazine | 6.4 ug/mL |
| | | | | | | | Benzaldehyde | 6.4 ug/mL |
| | | | | | | | Caprolactam | 6.4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 24 ug/mL |
| | | | | | | | Benzidine | 24 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 24 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 24 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 24 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 24 ug/mL |
| | | | | | | | 1,4-Dioxane | 24 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 24 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 24 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 24 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 24 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 24 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 48 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 24 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2,6-Dinitrotoluene | 24 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 24 ug/mL |
| | | | | | | | 2-Chlorophenol | 24 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 24 ug/mL |
| | | | | | | | 2-Methylphenol | 24 ug/mL |
| | | | | | | | 2-Nitroaniline | 24 ug/mL |
| | | | | | | | 2-Nitrophenol | 24 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 24 ug/mL |
| | | | | | | | 3-Nitroaniline | 24 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 48 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 24 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 24 ug/mL |
| | | | | | | | 4-Chloroaniline | 24 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 24 ug/mL |
| | | | | | | | 4-Methylphenol | 24 ug/mL |
| | | | | | | | 4-Nitroaniline | 24 ug/mL |
| | | | | | | | 4-Nitrophenol | 48 ug/mL |
| | | | | | | | Acenaphthene | 24 ug/mL |
| | | | | | | | Acenaphthylene | 24 ug/mL |
| | | | | | | | Acetophenone | 24 ug/mL |
| | | | | | | | Aniline | 24 ug/mL |
| | | | | | | | Anthracene | 24 ug/mL |
| | | | | | | | Azobenzene | 24 ug/mL |
| | | | | | | | Benzo[a]anthracene | 24 ug/mL |
| | | | | | | | Benzo[a]pyrene | 24 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 24 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 24 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 24 ug/mL |
| | | | | | | | Benzyl alcohol | 24 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 24 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 24 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 24 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 24 ug/mL |
| | | | | | | | Carbazole | 24 ug/mL |
| | | | | | | | Chrysene | 24 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 24 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 24 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 24 ug/mL |
| | | | | | | | Dibenzofuran | 24 ug/mL |
| | | | | | | | Diethyl phthalate | 24 ug/mL |
| | | | | | | | Dimethyl phthalate | 24 ug/mL |
| | | | | | | | Fluoranthene | 24 ug/mL |
| | | | | | | | Fluorene | 24 ug/mL |
| | | | | | | | Hexachlorobenzene | 24 ug/mL |
| | | | | | | | Hexachlorobutadiene | 24 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 24 ug/mL |
| | | | | | | | Hexachloroethane | 24 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 24 ug/mL |
| | | | | | | | Isophorone | 24 ug/mL |
| | | | | | | | n-Decane | 24 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 24 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 24 ug/mL |
| | | | | | | | n-Octadecane | 24 ug/mL |
| | | | | | | | Naphthalene | 24 ug/mL |
| | | | | | | | Nitrobenzene | 24 ug/mL |
| | | | | | | | Pentachlorophenol | 48 ug/mL |
| | | | | | | | Phenanthrene | 24 ug/mL |
| | | | | | | | Phenol | 24 ug/mL |
| | | | | | | | Pyrene | 24 ug/mL |
| | | | | | | | Pyridine | 48 ug/mL |
| .SV_BNA_L9_00006 | 03/28/25 | 03/28/24 | MeCl2, Lot 762001 | 25 mL | SM-BenzAcid_00020 | 1500 uL | Benzoic acid | 120 ug/mL |
| | | | | | SM_8270_surr_00014 | 600 uL | 2,4,6-Tribromophenol (Surr) | 120 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 120 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 120 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 120 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 120 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 120 ug/mL |
| | | | | | SM_8270cusmix_00005 | 1500 uL | 1,3-Dimethylnaphthalene | 120 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 120 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 120 ug/mL |
| | | | | | | | Carbamazepine | 120 ug/mL |
| | | | | | | | Coumarin | 120 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 120 ug/mL |
| | | | | | | | N-Methylaniline | 120 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 120 ug/mL |
| | | | | | | | Phenyl ether | 120 ug/mL |
| | | | | | SM_BPA_00020 | 3000 uL | Bisphenol-A | 120 ug/mL |
| | | | | | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| | | | | | SM_std #11BNA_00022 | 400 uL | Atrazine | 32 ug/mL |
| | | | | | | | Benzaldehyde | 32 ug/mL |
| | | | | | | | Caprolactam | 32 ug/mL |
| | | | | | SM_std #9BNA_00024 | 1500 uL | 3,3'-Dichlorobenzidine | 120 ug/mL |
| | | | | | | | Benzidine | 120 ug/mL |
| | | | | | SM_STD#1mega_00026 | 3000 uL | 1,1'-Biphenyl | 120 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 120 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 120 ug/mL |
| | | | | | | | 1,4-Dioxane | 120 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 120 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 120 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 120 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 240 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 120 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 120 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 120 ug/mL |
| | | | | | | | 2-Chlorophenol | 120 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 120 ug/mL |
| | | | | | | | 2-Methylphenol | 120 ug/mL |
| | | | | | | | 2-Nitroaniline | 120 ug/mL |
| | | | | | | | 2-Nitrophenol | 120 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 120 ug/mL |
| | | | | | | | 3-Nitroaniline | 120 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 240 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 120 ug/mL |
| | | | | | | | 4-Chloroaniline | 120 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 120 ug/mL |
| | | | | | | | 4-Methylphenol | 120 ug/mL |
| | | | | | | | 4-Nitroaniline | 120 ug/mL |
| | | | | | | | 4-Nitrophenol | 240 ug/mL |
| | | | | | | | Acenaphthene | 120 ug/mL |
| | | | | | | | Acenaphthylene | 120 ug/mL |
| | | | | | | | Acetophenone | 120 ug/mL |
| | | | | | | | Aniline | 120 ug/mL |
| | | | | | | | Anthracene | 120 ug/mL |
| | | | | | | | Azobenzene | 120 ug/mL |
| | | | | | | | Benzo[a]anthracene | 120 ug/mL |
| | | | | | | | Benzo[a]pyrene | 120 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 120 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 120 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 120 ug/mL |
| | | | | | | | Benzyl alcohol | 120 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 120 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 120 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 120 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 120 ug/mL |
| | | | | | | | Carbazole | 120 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chrysene | 120 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 120 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 120 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 120 ug/mL |
| | | | | | | | Dibenzofuran | 120 ug/mL |
| | | | | | | | Diethyl phthalate | 120 ug/mL |
| | | | | | | | Dimethyl phthalate | 120 ug/mL |
| | | | | | | | Fluoranthene | 120 ug/mL |
| | | | | | | | Fluorene | 120 ug/mL |
| | | | | | | | Hexachlorobenzene | 120 ug/mL |
| | | | | | | | Hexachlorobutadiene | 120 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 120 ug/mL |
| | | | | | | | Hexachloroethane | 120 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 120 ug/mL |
| | | | | | | | Isophorone | 120 ug/mL |
| | | | | | | | n-Decane | 120 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 120 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 120 ug/mL |
| | | | | | | | n-Octadecane | 120 ug/mL |
| | | | | | | | Naphthalene | 120 ug/mL |
| | | | | | | | Nitrobenzene | 120 ug/mL |
| | | | | | | | Pentachlorophenol | 240 ug/mL |
| | | | | | | | Phenanthrene | 120 ug/mL |
| | | | | | | | Phenol | 120 ug/mL |
| | | | | | | | Pyrene | 120 ug/mL |
| | | | | | | | Pyridine | 240 ug/mL |
| ..SM-BenzAcid_00020 | 09/30/25 | | Restek, Lot A0209261 | | (Purchased Reagent) | | Benzoic acid | 2000 ug/mL |
| ..SM_8270_surr_00014 | 10/31/25 | | Agilent, Lot 0006910257 | | (Purchased Reagent) | | 2,4,6-Tribromophenol (Surr) | 5000 ug/mL |
| | | | | | | | 2-Fluorobiphenyl | 5000 ug/mL |
| | | | | | | | 2-Fluorophenol (Surr) | 5000 ug/mL |
| | | | | | | | Nitrobenzene-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Phenol-d5 (Surr) | 5000 ug/mL |
| | | | | | | | Terphenyl-d14 (Surr) | 5000 ug/mL |
| ..SM_8270cusmix_00005 | 11/30/25 | | Agilent, Lot 0006767192 | | (Purchased Reagent) | | 1,3-Dimethylnaphthalene | 2000 ug/mL |
| | | | | | | | 2-tertbutyl-4-methylphenol | 2000 ug/mL |
| | | | | | | | 3,5-di-tert-butyl-4-hydroxytol | 2000 ug/mL |
| | | | | | | | Carbamazepine | 2000 ug/mL |
| | | | | | | | Coumarin | 2000 ug/mL |
| | | | | | | | n,n'-Dimethylaniline | 2000 ug/mL |
| | | | | | | | N-Methylaniline | 2000 ug/mL |
| | | | | | | | Pentachloronitrobenzene | 2000 ug/mL |
| | | | | | | | Phenyl ether | 2000 ug/mL |
| ..SM_BPA_00020 | 11/30/25 | | Agilent, Lot 0006767004 | | (Purchased Reagent) | | Bisphenol-A | 1000 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| ..SM_std #11BNA_00022 | 07/31/25 | | restek, Lot A0200906 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #9BNA_00024 | 03/30/25 | | restek, Lot A0201346 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| | | | | | | | Benzidine | 2000 ug/mL |
| ..SM_STD#1mega_00026 | 05/30/25 | | RESTEK, Lot A0204755 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2,4-Trichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,2-Diphenylhydrazine | 1000 ug/mL |
| | | | | | | | 1,3-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dichlorobenzene | 1000 ug/mL |
| | | | | | | | 1,4-Dioxane | 1000 ug/mL |
| | | | | | | | 1-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3 & 4 Methylphenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Aniline | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Azobenzene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzyl alcohol | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | n-Decane | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodimethylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | n-Octadecane | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| | | | | | | | Pyridine | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | 1,4-Dichlorobenzene-d4 | 8 ug/mL |
| | | | | | | | Acenaphthene-d10 | 8 ug/mL |
| | | | | | | | Chrysene-d12 | 8 ug/mL |
| | | | | | | | Naphthalene-d8 | 8 ug/mL |
| | | | | | | | Perylene-d12 | 8 ug/mL |
| | | | | | | | Phenanthrene-d10 | 8 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_ISTD_00197 | 500 uL | 1,4-Dichlorobenzene-d4 | 40 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acenaphthene-d10 | 40 ug/mL |
| | | | | | | | Chrysene-d12 | 40 ug/mL |
| | | | | | | | Naphthalene-d8 | 40 ug/mL |
| | | | | | | | Perylene-d12 | 40 ug/mL |
| | | | | | | | Phenanthrene-d10 | 40 ug/mL |
| ..SM_ISTD_00197 | 10/31/26 | | Agilent, Lot 0006760251 | | (Purchased Reagent) | | 1,4-Dichlorobenzene-d4 | 2000 ug/mL |
| | | | | | | | Acenaphthene-d10 | 2000 ug/mL |
| | | | | | | | Chrysene-d12 | 2000 ug/mL |
| | | | | | | | Naphthalene-d8 | 2000 ug/mL |
| | | | | | | | Perylene-d12 | 2000 ug/mL |
| | | | | | | | Phenanthrene-d10 | 2000 ug/mL |
| **SV_ICV_ LVI_00012** | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 10 mL | SV_BNA_ICV_00012 | 2 mL | Atrazine | 4 ug/mL |
| | | | | | | | Benzaldehyde | 4 ug/mL |
| | | | | | | | Caprolactam | 4 ug/mL |
| | | | | | | | 3,3'-Dichlorobenzidine | 10 ug/mL |
| | | | | | | | 1,1'-Biphenyl | 10 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 10 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 10 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 10 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 10 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 10 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 20 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 10 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 10 ug/mL |
| | | | | | | | 2-Chlorophenol | 10 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 10 ug/mL |
| | | | | | | | 2-Methylphenol | 10 ug/mL |
| | | | | | | | 2-Nitroaniline | 10 ug/mL |
| | | | | | | | 2-Nitrophenol | 10 ug/mL |
| | | | | | | | 3-Nitroaniline | 10 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 20 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 10 ug/mL |
| | | | | | | | 4-Chloroaniline | 10 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 10 ug/mL |
| | | | | | | | 4-Methylphenol | 10 ug/mL |
| | | | | | | | 4-Nitroaniline | 10 ug/mL |
| | | | | | | | 4-Nitrophenol | 20 ug/mL |
| | | | | | | | Acenaphthene | 10 ug/mL |
| | | | | | | | Acenaphthylene | 10 ug/mL |
| | | | | | | | Acetophenone | 10 ug/mL |
| | | | | | | | Anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]anthracene | 10 ug/mL |
| | | | | | | | Benzo[a]pyrene | 10 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzo[b]fluoranthene | 10 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 10 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 10 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 10 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 10 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 10 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 10 ug/mL |
| | | | | | | | Carbazole | 10 ug/mL |
| | | | | | | | Chrysene | 10 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 10 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 10 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 10 ug/mL |
| | | | | | | | Dibenzofuran | 10 ug/mL |
| | | | | | | | Diethyl phthalate | 10 ug/mL |
| | | | | | | | Dimethyl phthalate | 10 ug/mL |
| | | | | | | | Fluoranthene | 10 ug/mL |
| | | | | | | | Fluorene | 10 ug/mL |
| | | | | | | | Hexachlorobenzene | 10 ug/mL |
| | | | | | | | Hexachlorobutadiene | 10 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 10 ug/mL |
| | | | | | | | Hexachloroethane | 10 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 10 ug/mL |
| | | | | | | | Isophorone | 10 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 10 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 10 ug/mL |
| | | | | | | | Naphthalene | 10 ug/mL |
| | | | | | | | Nitrobenzene | 10 ug/mL |
| | | | | | | | Pentachlorophenol | 20 ug/mL |
| | | | | | | | Phenanthrene | 10 ug/mL |
| | | | | | | | Phenol | 10 ug/mL |
| | | | | | | | Pyrene | 10 ug/mL |
| .SV_BNA_ICV_00012 | 08/29/25 | 08/29/24 | MeCl2, Lot 1962006 | 25 mL | SM_std #112nd_00008 | 250 uL | Atrazine | 20 ug/mL |
| | | | | | | | Benzaldehyde | 20 ug/mL |
| | | | | | | | Caprolactam | 20 ug/mL |
| | | | | | SM_std #92nd_00007 | 625 uL | 3,3'-Dichlorobenzidine | 50 ug/mL |
| | | | | | SM_STD1meg2nd_00007 | 1250 uL | 1,1'-Biphenyl | 50 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 50 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 50 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 50 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 50 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 50 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 100 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 50 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 50 ug/mL |

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 2-Chlorophenol | 50 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 50 ug/mL |
| | | | | | | | 2-Methylphenol | 50 ug/mL |
| | | | | | | | 2-Nitroaniline | 50 ug/mL |
| | | | | | | | 2-Nitrophenol | 50 ug/mL |
| | | | | | | | 3-Nitroaniline | 50 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 100 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 50 ug/mL |
| | | | | | | | 4-Chloroaniline | 50 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 50 ug/mL |
| | | | | | | | 4-Methylphenol | 50 ug/mL |
| | | | | | | | 4-Nitroaniline | 50 ug/mL |
| | | | | | | | 4-Nitrophenol | 100 ug/mL |
| | | | | | | | Acenaphthene | 50 ug/mL |
| | | | | | | | Acenaphthylene | 50 ug/mL |
| | | | | | | | Acetophenone | 50 ug/mL |
| | | | | | | | Anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]anthracene | 50 ug/mL |
| | | | | | | | Benzo[a]pyrene | 50 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 50 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 50 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 50 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 50 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 50 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 50 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 50 ug/mL |
| | | | | | | | Carbazole | 50 ug/mL |
| | | | | | | | Chrysene | 50 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 50 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 50 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 50 ug/mL |
| | | | | | | | Dibenzofuran | 50 ug/mL |
| | | | | | | | Diethyl phthalate | 50 ug/mL |
| | | | | | | | Dimethyl phthalate | 50 ug/mL |
| | | | | | | | Fluoranthene | 50 ug/mL |
| | | | | | | | Fluorene | 50 ug/mL |
| | | | | | | | Hexachlorobenzene | 50 ug/mL |
| | | | | | | | Hexachlorobutadiene | 50 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 50 ug/mL |
| | | | | | | | Hexachloroethane | 50 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 50 ug/mL |
| | | | | | | | Isophorone | 50 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 50 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 50 ug/mL |
| | | | | | | | Naphthalene | 50 ug/mL |
| | | | | | | | Nitrobenzene | 50 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentachlorophenol | 100 ug/mL |
| | | | | | | | Phenanthrene | 50 ug/mL |
| | | | | | | | Phenol | 50 ug/mL |
| | | | | | | | Pyrene | 50 ug/mL |
| ..SM_std #112nd_00008 | 09/30/25 | | restek, Lot A020138127 | | (Purchased Reagent) | | Atrazine | 2000 ug/mL |
| | | | | | | | Benzaldehyde | 2000 ug/mL |
| | | | | | | | Caprolactam | 2000 ug/mL |
| ..SM_std #92nd_00007 | 09/30/25 | | restek, Lot A020147867 | | (Purchased Reagent) | | 3,3'-Dichlorobenzidine | 2000 ug/mL |
| ..SM_STD1meg2nd_00007 | 11/30/25 | | RESTEK, Lot A02010619 | | (Purchased Reagent) | | 1,1'-Biphenyl | 1000 ug/mL |
| | | | | | | | 1,2,4,5-Tetrachlorobenzene | 1000 ug/mL |
| | | | | | | | 2,2'-oxybis[1-chloropropane] | 1000 ug/mL |
| | | | | | | | 2,3,4,6-Tetrachlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,5-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4,6-Trichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dichlorophenol | 1000 ug/mL |
| | | | | | | | 2,4-Dimethylphenol | 1000 ug/mL |
| | | | | | | | 2,4-Dinitrophenol | 2000 ug/mL |
| | | | | | | | 2,4-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2,6-Dinitrotoluene | 1000 ug/mL |
| | | | | | | | 2-Chloronaphthalene | 1000 ug/mL |
| | | | | | | | 2-Chlorophenol | 1000 ug/mL |
| | | | | | | | 2-Methylnaphthalene | 1000 ug/mL |
| | | | | | | | 2-Methylphenol | 1000 ug/mL |
| | | | | | | | 2-Nitroaniline | 1000 ug/mL |
| | | | | | | | 2-Nitrophenol | 1000 ug/mL |
| | | | | | | | 3-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4,6-Dinitro-2-methylphenol | 2000 ug/mL |
| | | | | | | | 4-Bromophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Chloro-3-methylphenol | 1000 ug/mL |
| | | | | | | | 4-Chloroaniline | 1000 ug/mL |
| | | | | | | | 4-Chlorophenyl phenyl ether | 1000 ug/mL |
| | | | | | | | 4-Methylphenol | 1000 ug/mL |
| | | | | | | | 4-Nitroaniline | 1000 ug/mL |
| | | | | | | | 4-Nitrophenol | 2000 ug/mL |
| | | | | | | | Acenaphthene | 1000 ug/mL |
| | | | | | | | Acenaphthylene | 1000 ug/mL |
| | | | | | | | Acetophenone | 1000 ug/mL |
| | | | | | | | Anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]anthracene | 1000 ug/mL |
| | | | | | | | Benzo[a]pyrene | 1000 ug/mL |
| | | | | | | | Benzo[b]fluoranthene | 1000 ug/mL |
| | | | | | | | Benzo[g,h,i]perylene | 1000 ug/mL |
| | | | | | | | Benzo[k]fluoranthene | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethoxy)methane | 1000 ug/mL |
| | | | | | | | Bis(2-chloroethyl)ether | 1000 ug/mL |
| | | | | | | | Bis(2-ethylhexyl) phthalate | 1000 ug/mL |
| | | | | | | | Butyl benzyl phthalate | 1000 ug/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Carbazole | 1000 ug/mL |
| | | | | | | | Chrysene | 1000 ug/mL |
| | | | | | | | Di-n-butyl phthalate | 1000 ug/mL |
| | | | | | | | Di-n-octyl phthalate | 1000 ug/mL |
| | | | | | | | Dibenz(a,h)anthracene | 1000 ug/mL |
| | | | | | | | Dibenzofuran | 1000 ug/mL |
| | | | | | | | Diethyl phthalate | 1000 ug/mL |
| | | | | | | | Dimethyl phthalate | 1000 ug/mL |
| | | | | | | | Fluoranthene | 1000 ug/mL |
| | | | | | | | Fluorene | 1000 ug/mL |
| | | | | | | | Hexachlorobenzene | 1000 ug/mL |
| | | | | | | | Hexachlorobutadiene | 1000 ug/mL |
| | | | | | | | Hexachlorocyclopentadiene | 1000 ug/mL |
| | | | | | | | Hexachloroethane | 1000 ug/mL |
| | | | | | | | Indeno[1,2,3-cd]pyrene | 1000 ug/mL |
| | | | | | | | Isophorone | 1000 ug/mL |
| | | | | | | | N-Nitrosodi-n-propylamine | 1000 ug/mL |
| | | | | | | | N-Nitrosodiphenylamine | 1000 ug/mL |
| | | | | | | | Naphthalene | 1000 ug/mL |
| | | | | | | | Nitrobenzene | 1000 ug/mL |
| | | | | | | | Pentachlorophenol | 2000 ug/mL |
| | | | | | | | Phenanthrene | 1000 ug/mL |
| | | | | | | | Phenol | 1000 ug/mL |
| | | | | | | | Pyrene | 1000 ug/mL |
| **VMTBA500_00055** | 10/28/24 | 09/28/24 | MeOH, Lot EI863-US | 2 mL | TBA AB_00007 | 50 uL | 2-Methyl-2-propanol | 500 ug/mL |
| .TBA AB_00007 | 11/11/25 | | ABSOLUTE, Lot 111120 | | (Purchased Reagent) | | 2-Methyl-2-propanol | 20000 ug/mL |

# Reagent

# 2-CEVEC_00031

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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2546
MS 9/14/24 #12023864

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569723 **Lot No.:** A0213181

**Description :** 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Chloroethyl vinyl ether | 110-75-8 | MKCV7865 | 99% | 2,508.8 µg/mL | +/- 31.2225 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Page 21 of 5357

# Reagent

# 2-CEVEC_00032

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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R2577

1/3/25 MS #12275362

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569723 **Lot No.:** A0213181

**Description :** 8260 List 1 / Std #4 2-CEVE (2015)

8260 List 1 / Std #4 2-CEVE (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Chloroethyl vinyl ether | 110-75-8 | MKCV7865 | 99% | 2,508.8 µg/mL | +/- 31.2225 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

Reagent

# 7 Freons_00006

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***Certified Reference Material CRM***

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 65833
**Lot Number:** 040723
**Description:** Freon Standard Rev 1
7 components
**Expiration Date:** 040726
**Recommended Storage:** Freezer (0 °C)
**Nominal Concentration (µg/mL):** 2000
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EF282-USQ5

R2553

MS 10/2/24 # 1206816

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

| | | |
|---|---|---|
| Eli Aliaga | | 040723 |
| Formulated By: | Eli Aliaga | DATE |
| Pedro Rentas | | 040723 |
| Reviewed By: | Pedro L. Rentas | DATE |

| Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Initial Conc.(µg/mL) | Final Conc.(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. Chlorodifluoromethane | 33601 | 071422 | 0.10 | 10.00 | 0.042 | 20026.7 | 2002.2 | 18.7 | 75-45-6 | 1000 ppm(3500mg/m3/8H) | N/A |
| 2. Chloropentafluoroethane | 34471 | 050719 | 0.10 | 10.00 | 0.042 | 20213.6 | 2020.9 | 18.9 | 76-15-3 | N/A | N/A |
| 3. Chlorotrifluoroethene | 33611 | 040523 | 0.20 | 20.00 | 0.003 | 10028.2 | 2005.1 | 8.2 | 79-38-9 | N/A | N/A |
| 4. 1,2-Dichlorotrifluoroethane | 32641 | 080422 | 0.10 | 10.00 | 0.042 | 20020.4 | 2001.5 | 18.8 | 354-23-4 | N/A | N/A |
| 5. 2,2-Dichloro-1,1,1-trifluoroethane | 33951 | 062022 | 0.10 | 10.00 | 0.042 | 20006.9 | 2000.2 | 18.7 | 306-83-2 | N/A | N/A |
| 6. 1,1-Difluoroethane | 34411 | 121617 | 0.10 | 10.00 | 0.042 | 20009.4 | 2000.4 | 18.7 | 75-37-6 | N/A | N/A |
| 7. 1,2-Difluorotetrachloroethane | 34481 | 102616 | 0.10 | 10.00 | 0.042 | 20010.7 | 2000.6 | 18.7 | 76-12-0 | 500 ppm | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# 7 Freons_00007

**Absolute Standards, Inc.**
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www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 65833
**Lot Number:** 040723
**Description:** Freon Standard Rev 1
7 components
**Expiration Date:** 040726
**Recommended Storage:** Freezer (0 °C)
**Nominal Concentration (µg/mL):** 2000 MS 11/12/24
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EF282-USQ5

R2561

#12162831

5E-05 Balance Uncertainty
Volume(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

| Formulated By: | Eli Aliaga | 040723 DATE |
|---|---|---|
| Reviewed By: | Pedro L. Rentas | 040723 DATE |

| | Compound | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Uncertainty Pipette (mL) | Initial Conc.(µg/mL) | Final Conc.(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Chlorodifluoromethane | 33601 | 071422 | 0.10 | 10.00 | 0.042 | 20026.7 | 2002.2 | 18.7 | 75-45-6 | 1000 ppm(3500mg/m3/8H) | N/A |
| 2. | Chloropentafluoroethane | 34471 | 050719 | 0.10 | 10.00 | 0.042 | 20213.6 | 2020.9 | 18.9 | 76-15-3 | N/A | N/A |
| 3. | Chlorotrifluoroethene | 33611 | 040523 | 0.20 | 20.00 | 0.003 | 10028.2 | 2005.1 | 8.2 | 79-38-9 | N/A | N/A |
| 4. | 1,2-Dichlorotrifluoroethane | 32641 | 080422 | 0.10 | 10.00 | 0.042 | 20020.4 | 2001.5 | 18.8 | 354-23-4 | N/A | N/A |
| 5. | 2,2-Dichloro-1,1,1-trifluoroethane | 33951 | 062022 | 0.10 | 10.00 | 0.042 | 20006.9 | 2000.2 | 18.7 | 306-83-2 | N/A | N/A |
| 6. | 1,1-Difluoroethane | 34411 | 121617 | 0.10 | 10.00 | 0.042 | 20009.4 | 2000.4 | 18.7 | 75-37-6 | N/A | N/A |
| 7. | 1,2-Difluorotetrachloroethane | 34481 | 102616 | 0.10 | 10.00 | 0.042 | 20010.7 | 2000.6 | 18.7 | 76-12-0 | 500 ppm | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# Reagent

# 8260 SURR C_00066

RESTEK
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Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2555

MS 10/8/24

#12083105

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 567650 **Lot No.:** A0211048

**Description :** 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dibromofluoromethane | 1868-53-7 | 022013 | 99% | 2,502.2 µg/mL | +/- 140.5627 |
| 2 | 1,2-Dichloroethane-d4 | 17060-07-0 | PR-33313 | 99% | 2,501.3 µg/mL | +/- 140.5094 |
| 3 | Toluene-d8 | 2037-26-5 | PR-34141 | 99% | 2,502.8 µg/mL | +/- 140.5965 |
| 4 | 1-Bromo-4-fluorobenzene (BFB) | 460-00-4 | 0000194533 | 99% | 2,501.6 µg/mL | +/- 140.5262 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 5357

Reagent

# 8260 SURR C_00067

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2568

MS 12/11/2024 #1223066

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 567650 **Lot No.:** A0211048

**Description :** 8260 Surrogate Standard

8260 Surrogate Standard 2,500µg/mL, P&T Methanol, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dibromofluoromethane | 1868-53-7 | 022013 | 99% | 2,502.2 µg/mL | +/- 140.5627 |
| 2 | 1,2-Dichloroethane-d4 | 17060-07-0 | PR-33313 | 99% | 2,501.3 µg/mL | +/- 140.5094 |
| 3 | Toluene-d8 | 2037-26-5 | PR-34141 | 99% | 2,502.8 µg/mL | +/- 140.5965 |
| 4 | 1-Bromo-4-fluorobenzene (BFB) | 460-00-4 | 0000194533 | 99% | 2,501.6 µg/mL | +/- 140.5262 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

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Page 5357

# Reagent

# 8260ISNEW_00171

R2280

# RESTEK® CERTIFIED REFERENCE MATERIAL

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Certificate #3222.02

## Certificate of Analysis

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0172729

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol<br>**CAS #** 25725-11-5<br>**Purity** 99% | (Lot CD-107) | 5,000.7 µg/mL | +/- 29.0730<br>+/- 107.0652<br>+/- 110.1778 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | 2-Butanone-d5<br>**CAS #** 24313-50-6<br>**Purity** 99% | (Lot M-276) | 1,250.3 µg/mL | +/- 7.2695<br>+/- 26.7698<br>+/- 27.5480 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Fluorobenzene<br>**CAS #** 462-06-6<br>**Purity** 99% | (Lot BCBZ5549) | 250.6 µg/mL | +/- 1.4604<br>+/- 5.3663<br>+/- 5.5222 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | 1,4-Dioxane-d8<br>**CAS #** 17647-74-4<br>**Purity** 99% | (Lot RP210421V) | 5,000.9 µg/mL | +/- 29.0740<br>+/- 107.0687<br>+/- 110.1814 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Chlorobenzene-d5<br>**CAS #** 3114-55-4<br>**Purity** 99% | (Lot PR-29571) | 250.8 µg/mL | +/- 1.4615<br>+/- 5.3706<br>+/- 5.5267 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | 1,4-Dichlorobenzene-d4<br>**CAS #** 3855-82-1<br>**Purity** 99% | (Lot PR-30447) | 250.4 µg/mL | +/- 1.4590<br>+/- 5.3613<br>+/- 5.5171 | µg/mL<br>µg/mL<br>µg/mL | Gravimetric<br>Unstressed<br>Stressed |

# Reagent

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# 8260ISNEW_00192

R 2429

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110 Benner Circle
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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0198586

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** May 31, 2028 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol | 25725-11-5 | HJ-479 | 99% | 5,003.0 µg/mL | +/- 62.1338 |
| 2 | 2-Butanone-d5 | 24313-50-6 | M-276 | 99% | 1,252.5 µg/mL | +/- 15.5555 |
| 3 | Fluorobenzene | 462-06-6 | BCBZ5549 | 99% | 250.4 µg/mL | +/- 3.1114 |
| 4 | 1,4-Dioxane-d8 | 17647-74-4 | RP230202 | 99% | 5,014.5 µg/mL | +/- 62.2773 |
| 5 | Chlorobenzene-d5 | 3114-55-4 | PR-29571 | 99% | 251.0 µg/mL | +/- 3.1189 |
| 6 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 250.2 µg/mL | +/- 3.1083 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

# Reagent

# 8260ISNEW_00208

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

MS 12/11/24 R2567 #12230580

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0217062

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol | 25725-11-5 | HJ-479 | 99% | 5,001.3 µg/mL | +/- 62.1141 |
| 2 | 2-Butanone-d5 | 24313-50-6 | M-276 | 99% | 1,250.9 µg/mL | +/- 15.5357 |
| 3 | Fluorobenzene | 462-06-6 | BCBZ5549 | 99% | 250.0 µg/mL | +/- 3.1065 |
| 4 | 1,4-Dioxane-d8 | 17647-74-4 | RP240917A | 99% | 5,004.3 µg/mL | +/- 62.1513 |
| 5 | Chlorobenzene-d5 | 3114-55-4 | PR-31132 | 99% | 250.3 µg/mL | +/- 3.1102 |
| 6 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 250.7 µg/mL | +/- 3.1152 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Reagent

# ACROLEIN_00025

R2511

RESTEK

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568720 **Lot No.:** A0209476

**Description :** 8260 List 1/Std #5 Acrolein High

8260 List 1/Std #5 Acrolein High 19,750µg/mL, Water, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acrolein | 107-02-8 | RP240118CTH | 99% | 19,917.5 µg/mL | +/- 585.1357 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Water
**CAS #** 7732-18-5
**Purity** 99%

Page 291 of 357

Reagent

# Acrylonitrile_00010

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

## CERTIFIED WEIGHT REPORT

**Part Number:** 79007
**Lot Number:** 061523
**Description:** Acrylonitrile

**Solvent:** Methanol **Lot#** EE584-USQ7

R2520 MS 5/21/24 #11756671

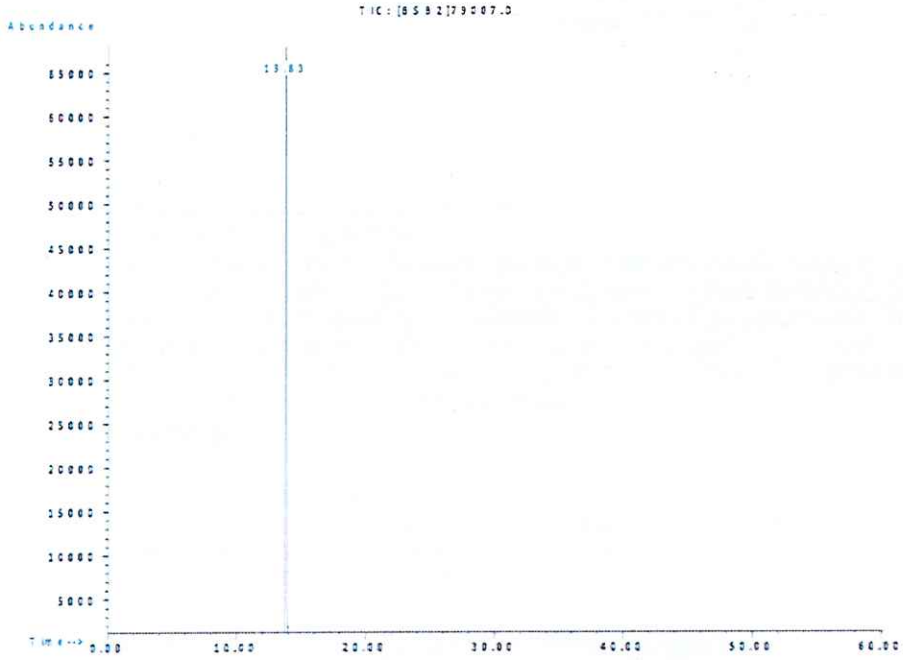
| | |
|---|---|
| Eli Aliaga | 061523 |
| Formulated By: Eli Aliaga | DATE |
| Pedro L. Rentas | 061523 |
| Reviewed By: Pedro L. Rentas | DATE |

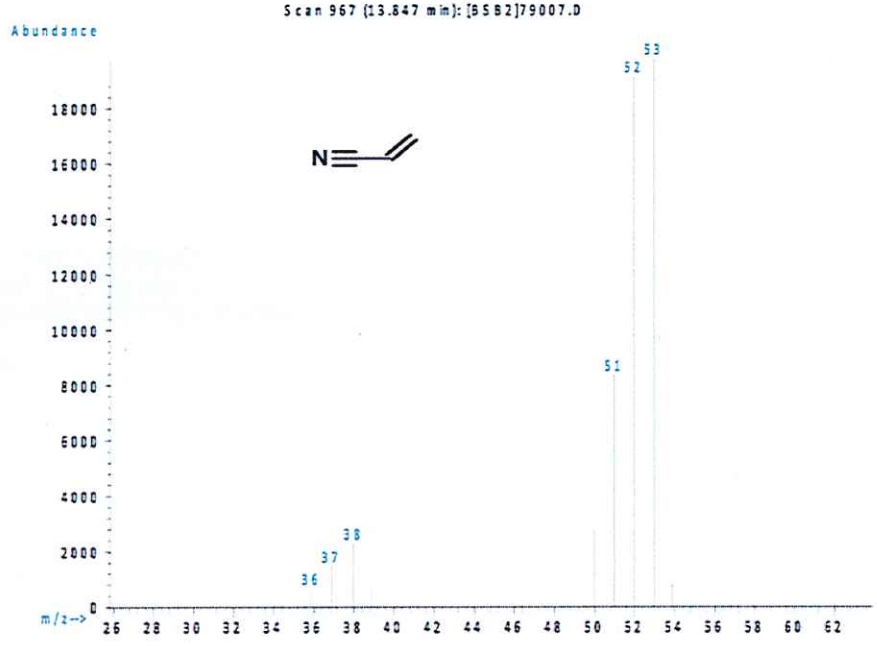
**Expiration Date:** 061526
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 1000
**NIST Test ID#:** 6UTB

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0
0.001 Flask Uncertainty

| | Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity (%) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Acrylonitrile | 7 | 4718CK | 1000 | 99 | 0.2 | 0.05054 | 0.05063 | 1001.9 | 4.5 | 107-13-1 | N/A | orl-rat 78 mg/kg |

**Method:** GC16MSD-1 **Detector:** Mass Selective Detector **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C ( Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# Reagent

# alpha-Pinene_00001

CERTIFIED WEIGHT REPORT

**Part Number:** 71499
Lot Number: 062823
Description: (1S)-(-)-alpha-Pinene

**Solvent(s):** **Lot#**
Methanol EF282-US

Expiration Date: 062826
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 25.0 0.004 Flask Uncertainty

1229784 1
R2583

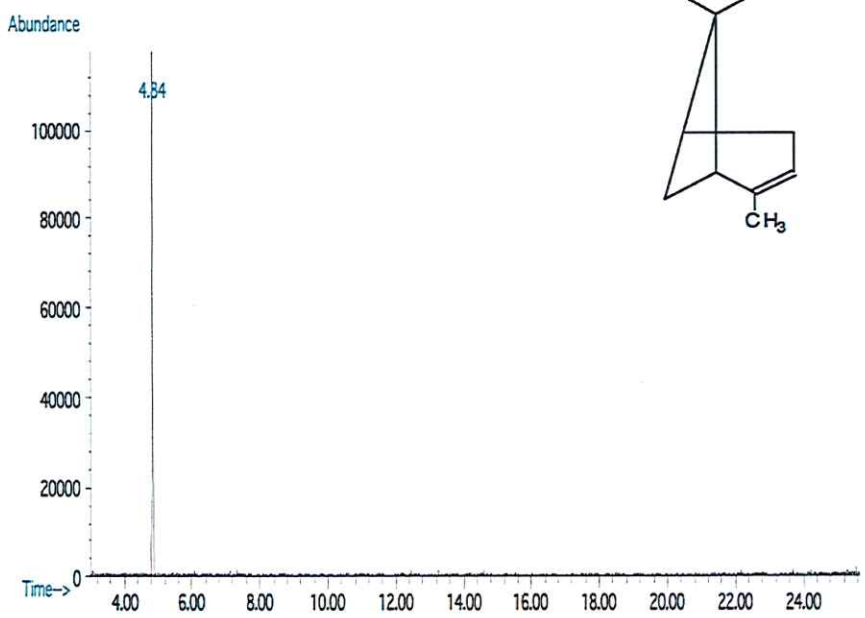
Gabriel Helland 062823
Formulated By: Gabriel Helland DATE

Pedro Rentas 062823
Reviewed By: Pedro L. Rentas DATE

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. (1S)-(-)-alpha-Pinene | 1499 | 51996HKV | 1000 | 99 | 0.2 | 0.02527 | 0.02536 | 1003.8 | 5.7 | 7785-26-4 | N/A | N/A |

**Method GC8MSD-3.M:** Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B= 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.

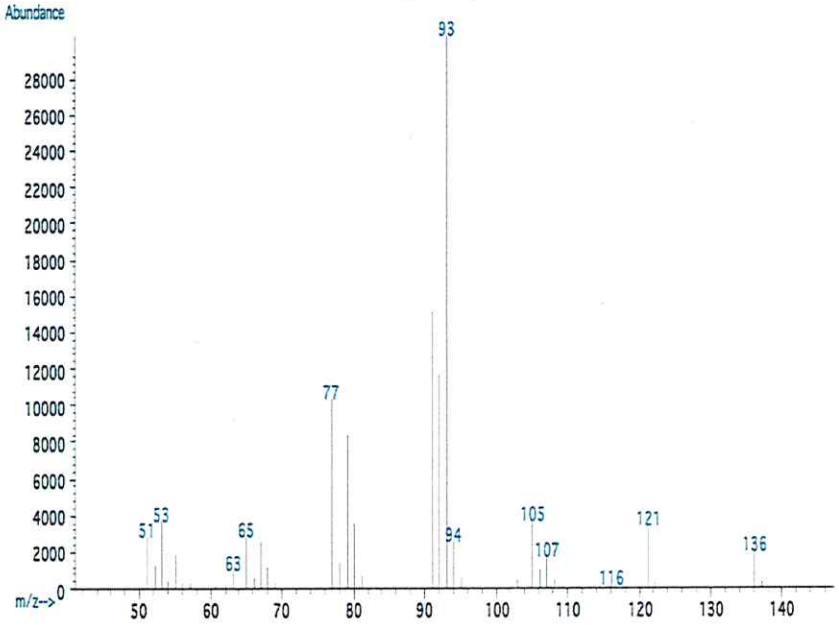
TIC: 71499.D







Scan 136 (4.830): 71499.D




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# EPICHLO(NEAT)_00001

R1584

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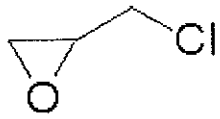
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

# Certificate of Analysis

Product Name:
(±)-Epichlorohydrin - purum, ≥99% (GC)




| | |
|---|---|
| **Product Number:** | **45340** |
| **Batch Number:** | **SHBD0368V** |
| Brand: | FLUKA |
| CAS Number: | 106-89-8 |
| MDL Number: | MFCD00005132 |
| Formula: | C3H5ClO |
| Formula Weight: | 92.52 g/mol |
| Quality Release Date: | 23 JAN 2013 |

| Test | Specification | Result |
|---|---|---|
| Appearance (Clarity) | Clear | Clear |
| Appearance (Color) | Colorless | Colorless |
| Appearance (Form) | Liquid | Liquid |
| Infrared spectrum | Conforms to Structure | Conforms |
| Color Test | ≤ 20 APHA | < 10 APHA |
| Refractive index at 20 °C | 1.437 - 1.439 | 1.438 |
| Purity (GC) | ≥ 99.0 % | 99.9 % |
| Water (by Karl Fischer) | ≤ 0.1 % | < 0.1 % |

Jamie Gleason

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

# ETHANOL(new)_00024

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# Certificate of Analysis

*chromatographic plus*

R2528

MS 6/6/24 #11794800

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571994 **Lot No.:** A0212265

**Description :** 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethanol | 64-17-5 | SHBR1203 | 99% | 100,982.0 µg/mL | +/- 1,256.0897 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 5357

Reagent

# ETHANOL(new)_00025

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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R2548

MS 9/14/24 # L0238666

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571994 **Lot No.:** A0212265

**Description :** 8260 Ethanol Standard

8260 Ethanol Standard 100,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethanol | 64-17-5 | SHBR1203 | 99% | 100,982.0 µg/mL | +/- 1,256.0897 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 5357

Reagent

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# Extra Cmpd_00024

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 98593
Lot Number: 092922
Description: VOC Standard 2015
14 components
Expiration Date: 092925
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

**Solvent(s):** **Lot#**
Methanol EC592-USQ6

MS 9/14/24

R2550

#1203894

Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty 5E-05 Balance Uncertainty

| | | |
|---|---|---|
| Formulated By: Benson Chan | 092922 | DATE |
| Reviewed By: Pedro L. Rentas | 092922 | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. n-Amyl acetate | 1515 | OGL01 | 2500 | 98 | 0.2 | 0.25511 | 0.25561 | 2504.9 | 10.3 | 628-63-7 | 100 ppm (525 mg/m3/8H) | orl-rbt 7400 mg/kg |
| 2. tert-Amyl ethyl ether | 2609 | IKVYB-KF | 2500 | 98 | 0.2 | 0.25511 | 0.25536 | 2502.4 | 10.3 | 919-94-8 | N/A | inh-mus 81284mg/m3/15H |
| 3. n-Butyl acrylate | 1194 | OGN01 | 2500 | 99 | 0.2 | 0.25254 | 0.25273 | 2501.9 | 10.2 | 141-32-2 | 10 ppm (55mg/m3/8H) | orl-rat 900mg/kg |
| 4. Butyl methacrylate | 1314 | 03220HG | 2500 | 99 | 0.2 | 0.25254 | 0.25285 | 2503.1 | 10.2 | 97-88-1 | N/A | orl-rat 18 g/kg |
| 5. Cyclopentene | 519 | 04013BX | 2500 | 99 | 0.2 | 0.25254 | 0.25265 | 2501.1 | 10.2 | 142-29-0 | N/A | orl-rat 1656mg/kg |
| 6. 4-Ethyltoluene | 1001 | 031097 | 2500 | 99 | 0.2 | 0.25254 | 0.25313 | 2505.9 | 10.2 | 622-96-8 | N/A | N/A |
| 7. Indan | 955 | 02625MQ | 2500 | 96 | 0.2 | 0.26043 | 0.26075 | 2503.1 | 10.5 | 496-11-7 | N/A | N/A |
| 8. Isoprene | 1541 | SHBN7340 | 2500 | 99.7 | 0.2 | 0.25076 | 0.25112 | 2503.5 | 10.1 | 78-79-5 | N/A | N/A |
| 9. Isopropyl acetate | 1106 | U17E045 | 2500 | 99.9 | 0.2 | 0.25026 | 0.25097 | 2507.1 | 10.1 | 108-21-4 | 250 ppm (950mg/m3) | orl-rbt 6946mg/kg |
| 10. Methyl acrylate | 1075 | SHBK0679 | 2500 | 99.9 | 0.2 | 0.25026 | 0.25088 | 2506.2 | 10.1 | 96-33-3 | 10 ppm(35mg/m3/8H)(skin) | orl-rat 277mg/kg |
| 11. n-Pentane | 783 | SHBM5087 | **5000** | 99.4 | 0.2 | 0.50304 | 0.50358 | **5005.3** | 20.2 | 109-66-0 | 600 ppm(1800mg/m3/8H) | ivn-mus 446mg/kg |
| 12. Propyl acetate | 1105 | 05017HY | 2500 | 99 | 0.2 | 0.25254 | 0.25286 | 2503.2 | 10.2 | 109-60-4 | 200 ppm (840mg/m3) | orl-rat 9370mg/kg |
| 13. 1,2,4,5-Tetramethylbenzene | 1222 | 06310PW | 2500 | 98 | 0.2 | 0.25511 | 0.25520 | 2500.8 | 10.3 | 95-93-2 | N/A | orl-rat 6989mg/kg |
| 14. 1,4-Diethylbenzene | 949 | OGE01 | 2500 | 98 | 0.2 | 0.25511 | 0.25536 | 2502.4 | 10.3 | 105-05-5 | N/A | N/A |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

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# Extra Cmpd_00025

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***Certified Reference Material CRM***

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

**Part Number:** 98593
Lot Number: 010825
Description: VOC Standard 2015
14 components
Expiration Date: 010828
Recommended Storage: Freezer (0 °C)
Nominal Concentration (µg/mL): Varied
NIST Test ID#: 6UTB

**Solvent(s):** **Lot#**
Methanol EJ143-USQ6

R2581

MS 1/10/25 #12285003

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 75.0 0.021 Flask Uncertainty

| | | |
|---|---|---|
| Prashant Chauhan | | 010825 |
| Formulated By: | Prashant Chauhan | DATE |
| Pedro Rentas | | 010825 |
| Reviewed By: | Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. n-Amyl acetate | 1515 | OGL01 | 2500 | 98 | 0.2 | 0.19133 | 0.19150 | 2502.3 | 10.4 | 628-63-7 | 100 ppm (525 mg/m3/8H) | orl-rbt 7400 mg/kg |
| 2. tert-Amyl ethyl ether | 2609 | IKVYB-KF | 2500 | 98 | 0.2 | 0.19133 | 0.19144 | 2501.5 | 10.4 | 919-94-8 | N/A | inh-mus 81284mg/m3/15H |
| 3. n-Butyl acrylate | 1194 | OGN01 | 2500 | 99 | 0.2 | 0.18939 | 0.18948 | 2501.1 | 10.3 | 141-32-2 | 10 ppm (55mg/m3/8H) | orl-rat 900mg/kg |
| 4. Butyl methacrylate | 1314 | 03220HG | 2500 | 99 | 0.2 | 0.18939 | 0.18950 | 2501.4 | 10.3 | 97-88-1 | N/A | orl-rat 18 g/kg |
| 5. Cyclopentene | 519 | MKCL5160 | 2500 | 98.3 | 0.2 | 0.19074 | 0.19089 | 2501.9 | 10.4 | 142-29-0 | N/A | orl-rat 1656mg/kg |
| 6. 4-Ethyltoluene | 1001 | 031097 | 2500 | 99 | 0.2 | 0.18939 | 0.18945 | 2500.7 | 10.3 | 622-96-8 | N/A | N/A |
| 7. Indan | 955 | 06309PV | 2500 | 96 | 0.2 | 0.19531 | 0.19545 | 2501.8 | 10.6 | 496-11-7 | N/A | N/A |
| 8. Isoprene | 1541 | SHBN7340 | 2500 | 99.7 | 0.2 | 0.18806 | 0.18825 | 2502.5 | 10.2 | 78-79-5 | N/A | N/A |
| 9. Isopropyl acetate | 1106 | MKCQ4616 | 2500 | 99.90 | 0.2 | 0.18769 | 0.18781 | 2501.6 | 10.2 | 108-21-4 | 250 ppm (950mg/m3) | orl-rbt 6946mg/kg |
| 10. Methyl acrylate | 1075 | SHBK0679 | 2500 | 99.9 | 0.2 | 0.18769 | 0.18780 | 2501.5 | 10.2 | 96-33-3 | 10 ppm(35mg/m3/8H)(skin) | orl-rat 277mg/kg |
| 11. n-Pentane | 783 | LX202310NP | **5000** | 99.57 | 0.2 | 0.37662 | 0.37682 | **5002.7** | 20.3 | 109-66-0 | 600 ppm(1800mg/m3/8H) | ivn-mus 446mg/kg |
| 12. Propyl acetate | 1105 | 05017HY | 2500 | 99 | 0.2 | 0.18939 | 0.18950 | 2501.4 | 10.3 | 109-60-4 | 200 ppm (840mg/m3) | orl-rat 9370mg/kg |
| 13. 1,2,4,5-Tetramethylbenzene | 1222 | 06310PW | 2500 | 98 | 0.2 | 0.19133 | 0.19150 | 2502.3 | 10.4 | 95-93-2 | N/A | orl-rat 6989mg/kg |
| 14. 1,4-Diethylbenzene | 949 | OGE01 | 2500 | 98 | 0.2 | 0.19133 | 0.19148 | 2502.0 | 10.4 | 105-05-5 | N/A | N/A |

- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
- **Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).**
- **Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

# Reagent

# GASES C_00041

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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2527

MS 6/6/24 # 11794792

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569722 **Lot No.:** A0211969

**Description :** 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane (CFC-12) | 75-71-8 | 00022922 | 99% | 2,523.8 µg/mL | +/- 142.4301 |
| 2 | Chloromethane (methyl chloride) | 74-87-3 | SHBP8835 | 99% | 2,527.3 µg/mL | +/- 142.5086 |
| 3 | Vinyl chloride | 75-01-4 | 00015559 | 99% | 2,526.1 µg/mL | +/- 142.4075 |
| 4 | 1,3-Butadiene | 106-99-0 | 00019375 | 99% | 2,523.9 µg/mL | +/- 142.3851 |
| 5 | Bromomethane (methyl bromide) | 74-83-9 | 00017022 | 99% | 2,520.8 µg/mL | +/- 142.6962 |
| 6 | Chloroethane (ethyl chloride) | 75-00-3 | 107-401039114-1 | 99% | 2,520.7 µg/mL | +/- 142.3441 |
| 7 | Dichlorofluoromethane (CFC-21) | 75-43-4 | 14485600 | 90% | 2,524.5 µg/mL | +/- 141.8155 |
| 8 | Trichlorofluoromethane (CFC-11) | 75-69-4 | MKCJ8658 | 99% | 2,518.0 µg/mL | +/- 141.8687 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Reagent

# GASES SS_00027

R2524

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# Certificate of Analysis

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2/1/2022 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569722.SEC **Lot No.:** A0211505

**Description :** 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane (CFC-12) | 75-71-8.SEC | 28888 | 99% | 2,506.6 µg/mL | +/- 141.955 |
| 2 | Chloromethane (methyl chloride) | 74-87-3.SEC | 00022694 | 99% | 2,508.3 µg/mL | +/- 142.1039 |
| 3 | Vinyl chloride | 75-01-4 * | 00015559 | 99% | 2,513.8 µg/mL | +/- 142.7235 |
| 4 | 1,3-Butadiene | 106-99-0.SEC | 28539 | 99% | 2,508.8 µg/mL | +/- 142.0275 |
| 5 | Bromomethane (methyl bromide) | 74-83-9 * | 00017022 | 99% | 2,535.7 µg/mL | +/- 145.7487 |
| 6 | Chloroethane (ethyl chloride) | 75-00-3.SEC | 00021903 | 99% | 2,503.6 µg/mL | +/- 141.4181 |
| 7 | Dichlorofluoromethane (CFC-21) | 75-43-4 * | 14485600 | 90% | 2,523.6 µg/mL | +/- 141.7792 |
| 8 | Trichlorofluoromethane (CFC-11) | 75-69-4.SEC | 00010739 | 99% | 2,509.1 µg/mL | +/- 141.8184 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

# Reagent

# GASES SS_00028

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R2560

MS 11/1/24 #12143985

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569722.SEC **Lot No.:** A0211505

**Description :** 8260 List 1 / Std #3 Gases (2015)

8260 List 1 / Std #3 Gases (2015) 2,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Dichlorodifluoromethane (CFC-12) | 75-71-8.SEC | 28888 | 99% | 2,506.6 µg/mL | +/- 141.9557 |
| 2 | Chloromethane (methyl chloride) | 74-87-3.SEC | 00022694 | 99% | 2,508.3 µg/mL | +/- 142.1039 |
| 3 | Vinyl chloride | 75-01-4 * | 00015559 | 99% | 2,513.8 µg/mL | +/- 142.7235 |
| 4 | 1,3-Butadiene | 106-99-0.SEC | 28539 | 99% | 2,508.8 µg/mL | +/- 142.0275 |
| 5 | Bromomethane (methyl bromide) | 74-83-9 * | 00017022 | 99% | 2,535.7 µg/mL | +/- 145.7487 |
| 6 | Chloroethane (ethyl chloride) | 75-00-3.SEC | 00021903 | 99% | 2,503.6 µg/mL | +/- 141.4181 |
| 7 | Dichlorofluoromethane (CFC-21) | 75-43-4 * | 14485600 | 90% | 2,523.6 µg/mL | +/- 141.7792 |
| 8 | Trichlorofluoromethane (CFC-11) | 75-69-4.SEC | 00010739 | 99% | 2,509.1 µg/mL | +/- 141.8184 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

Reagent

# KetonesC SS_00016

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

MS 11/7/23 R2444 #11295656

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721.SEC **Lot No.:** A0194631

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 28, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1.SEC | S25F025 | 99% | 12,530.8 µg/mL | +/- 433.0935 |
| 2 | 2-Butanone (MEK) | 78-93-3.SEC | HDLUO | 99% | 12,522.8 µg/mL | +/- 432.8170 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1.SEC | E29T040 | 99% | 12,555.6 µg/mL | +/- 433.9507 |
| 4 | 2-Hexanone | 591-78-6.SEC | Y3TUO | 99% | 12,580.4 µg/mL | +/- 434.8078 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Reagent

# KetonesC SS_00017

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# Certificate of Analysis

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MS 8/20/24 R2539 #11963401

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721.SEC **Lot No.:** A0209876

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1.SEC | U19I024 | 99% | 12,580.0 µg/mL | +/- 434.7940 |
| 2 | 2-Butanone (MEK) | 78-93-3.SEC | HDLUO | 99% | 12,611.6 µg/mL | +/- 435.8862 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1.SEC | E29T040 | 99% | 12,576.4 µg/mL | +/- 434.6696 |
| 4 | 2-Hexanone | 591-78-6.SEC | NXXXA | 99% | 12,574.8 µg/mL | +/- 434.6143 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Reagent

# KetonesC_00029

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# Certificate of Analysis

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R2530
MS 7/3/24 # 11859472

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721 **Lot No.:** A0210935

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1 | SHBQ8504 | 99% | 12,591.3 µg/mL | +/- 435.1857 |
| 2 | 2-Butanone (MEK) | 78-93-3 | SHBQ4704 | 99% | 12,561.0 µg/mL | +/- 434.1373 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1 | SHBP9200 | 99% | 12,580.0 µg/mL | +/- 434.7940 |
| 4 | 2-Hexanone | 591-78-6 | MKCV1997 | 99% | 12,580.7 µg/mL | +/- 434.8170 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

# Reagent

# KetonesC_00030

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

MS 10/15/24 R2557 #12100077

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569721 **Lot No.:** A0210935

**Description :** 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2027 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetone | 67-64-1 | SHBQ8504 | 99% | 12,591.3 µg/mL | +/- 435.1857 |
| 2 | 2-Butanone (MEK) | 78-93-3 | SHBQ4704 | 99% | 12,561.0 µg/mL | +/- 434.1373 |
| 3 | 4-Methyl-2-pentanone (MIBK) | 108-10-1 | SHBP9200 | 99% | 12,580.0 µg/mL | +/- 434.7940 |
| 4 | 2-Hexanone | 591-78-6 | MKCV1997 | 99% | 12,580.7 µg/mL | +/- 434.8170 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

# Reagent

# LIST2/STD6_00023

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# Certificate of Analysis

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R25511

MS 9/24/24

#12045167

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570808 **Lot No.:** A0216327

**Description :** 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Propanol (isopropanol) | 67-63-0 | SHBR6536 | 99% | 25,028.0 µg/mL | +/- 409.2558 |
| 2 | Chloroprene (2-chloro-1,3-butadiene) | 126-99-8 | SYN240402ECS | 99% | 2,515.0 µg/mL | +/- 41.1371 |
| 3 | Methacrylonitrile | 126-98-7 | 1012014 | 99% | 25,025.0 µg/mL | +/- 409.2067 |
| 4 | 2,2,4-Trimethylpentane ( isooctane ) | 540-84-1 | SHBP5702 | 99% | 2,512.0 µg/mL | +/- 41.0880 |
| 5 | 1-Butanol | 71-36-3 | 101601K21K | 99% | 62,571.0 µg/mL | +/- 1,023.1558 |
| 6 | 2-Nitropropane | 79-46-9 | BCCB9352 | 97% | 5,019.8 µg/mL | +/- 82.1065 |
| 7 | 1-Chlorohexane | 544-10-5 | BCBS3368V | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 8 | 1,2,3-Trimethylbenzene | 526-73-8 | 8776.10-39 | 98% | 2,507.8 µg/mL | +/- 41.0197 |
| 9 | Benzyl chloride | 100-44-7 | MKCM5986 | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 10 | 1,3,5-Trichlorobenzene | 108-70-3 | 11319AS | 99% | 2,510.0 µg/mL | +/- 41.0553 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 357

# Reagent

# LIST2/STD6_00024

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# Certificate of Analysis

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1/8125 MS R2580 #12280646

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570808 **Lot No.:** A0216327

**Description :** 8260 List 2 / Std #6

8260 List 2 / Std #6 2,500-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 2-Propanol (isopropanol) | 67-63-0 | SHBR6536 | 99% | 25,028.0 µg/mL | +/- 409.2558 |
| 2 | Chloroprene (2-chloro-1,3-butadiene) | 126-99-8 | SYN240402ECS | 99% | 2,515.0 µg/mL | +/- 41.1371 |
| 3 | Methacrylonitrile | 126-98-7 | 1012014 | 99% | 25,025.0 µg/mL | +/- 409.2067 |
| 4 | 2,2,4-Trimethylpentane ( isooctane ) | 540-84-1 | SHBP5702 | 99% | 2,512.0 µg/mL | +/- 41.0880 |
| 5 | 1-Butanol | 71-36-3 | 101601K21K | 99% | 62,571.0 µg/mL | +/- 1,023.1558 |
| 6 | 2-Nitropropane | 79-46-9 | BCCB9352 | 97% | 5,019.8 µg/mL | +/- 82.1065 |
| 7 | 1-Chlorohexane | 544-10-5 | BCBS3368V | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 8 | 1,2,3-Trimethylbenzene | 526-73-8 | 8776.10-39 | 98% | 2,507.8 µg/mL | +/- 41.0197 |
| 9 | Benzyl chloride | 100-44-7 | MKCM5986 | 99% | 2,509.0 µg/mL | +/- 41.0390 |
| 10 | 1,3,5-Trichlorobenzene | 108-70-3 | 11319AS | 99% | 2,510.0 µg/mL | +/- 41.0553 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Reagent

# LIST2/STD7_00026

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# Certificate of Analysis

*chromatographic plus*

R2549

MS 9/14/24 #1023893

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570809 **Lot No.:** A0213624

**Description :** 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethyl acetate | 141-78-6 | SHBR4534 | 99% | 5,029.0 µg/mL | +/- 173.8139 |
| 2 | Ethyl acrylate | 140-88-5 | 10129902 | 99% | 2,508.5 µg/mL | +/- 86.7053 |
| 3 | Methyl methacrylate | 80-62-6 | MKCQ2756 | 99% | 5,011.5 µg/mL | +/- 173.2091 |
| 4 | Butyl acetate | 123-86-4 | SHBR2024 | 99% | 2,508.5 µg/mL | +/- 86.7053 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 5357

# Reagent

# LIST2/STD7_00027

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# Certificate of Analysis

*chromatographic plus*

R2579

1/3125 MS

#122753644

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 570809 **Lot No.:** A0213624

**Description :** 8260 List 2 / Std #7

8260 List 2 / Std #7 2,500-5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Ethyl acetate | 141-78-6 | SHBR4534 | 99% | 5,029.0 µg/mL | +/- 173.8139 |
| 2 | Ethyl acrylate | 140-88-5 | 10129902 | 99% | 2,508.5 µg/mL | +/- 86.7053 |
| 3 | Methyl methacrylate | 80-62-6 | MKCQ2756 | 99% | 5,011.5 µg/mL | +/- 173.2091 |
| 4 | Butyl acetate | 123-86-4 | SHBR2024 | 99% | 2,508.5 µg/mL | +/- 86.7053 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%



2/14/2025 12:32:58 PM
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Page

# Reagent

# ME_Ag-2nd_00006

rec'd 9/15/23 SD

11138127
ID: ME_Ag-2nd_00006
Exp: 03/12/25 Prpd:
1000 ppm stock std

2/14/2025 12:32:58 PM

# CERTIFICATE OF ANALYSIS

Single-Element Aqueous CRM

Product #: TA-1000511-SS

**SE Std Silver (Ag)** – 1000 µg/mL

Product Lot #: 711727250-2

Matrix: 2% $HNO_3$

Source Material Lot #: 26-169AGX

| Element | Certified Concentration & Uncertainty |
|---|---|
| Ag | 1001 ± 5 µg/mL (w/v) |
| | 991.1 ± 5.0 µg/g (w/w) |

**Intended Use:** This solution is intended for use as a second source certified reference material (CRM) or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), flame or furnace atomic absorption spectroscopy (AA or GFAA), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured, processed, and/or certified under a quality management system that is registered/accredited to **ISO 9001**, **ISO 17034**, and **ISO/IEC 17025**. This CRM was prepared to a nominal concentration of 1000 µg/mL by gravimetric methods using high purity silver nitrate dissolved in high purity nitric acid ($HNO_3$) and diluted with filtered (0.22 µm), 18 M-ohm deionized water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST, using a calibration provider that is accredited to ISO/IEC 17025 by a mutually recognized accreditation body. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST, and both the certified concentration and uncertainty values are traceable to **NIST SRM 3151**. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Indicative Values:** ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | MAJOR | Co | <0.001 | Ge | <0.001 | Mg | <0.001 | Pd | <0.001 | Si | <0.1 | V | <0.001 |
| Al | 0.006 | Cr | <0.001 | Hf | <0.001 | Mn | <0.001 | Pr | <0.001 | Sm | <0.001 | W | <0.001 |
| As | <0.001 | Cs | <0.001 | Hg | <0.001 | Mo | <0.001 | Pt | <0.001 | Sn | <0.001 | Y | <0.001 |
| Au | <0.001 | Cu | <0.001 | Ho | <0.001 | Na | 0.02 | Rb | <0.001 | Sr | <0.001 | Yb | <0.001 |
| B | 0.001 | Dy | <0.001 | In | <0.001 | Nb | <0.001 | Re | <0.001 | Ta | <0.001 | Zn | 0.09 |
| Ba | <0.001 | Er | <0.001 | Ir | <0.001 | Nd | <0.001 | Rh | <0.001 | Tb | <0.001 | | |
| Bi | <0.001 | Eu | <0.001 | K | <0.1 | Ni | <0.001 | Ru | <0.001 | Te | <0.001 | | |
| Ca | 0.006 | Fe | <0.002 | La | <0.001 | Os | Nd | Sb | <0.001 | Ti | <0.001 | | |
| Cd | <0.001 | Ga | <0.001 | Li | <0.001 | P | <0.1 | Sc | <0.001 | Tl | <0.001 | | |
| Ce | <0.001 | Gd | <0.001 | Lu | <0.001 | Pb | <0.001 | Se | <0.01 | Tm | <0.001 | | |

**Instructions for Use:** We recommend that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy, the analyst should: (1) use only pre-cleaned containers and transferware, (2) not pipette directly from the CRM's original container, (3) never pour used product back into the original container, (4) make dilutions using calibrated balances or certified class A volumetric flasks and pipettes, (5) use a minimum sub-sample size of 500 µL, and (6) dilute with the same matrix as the original CRM or other chemically suitable matrix. The solution should be kept tightly capped and stored under normal laboratory conditions. Do not freeze, heat, or immerse the bottle or its contents, and avoid exposure to direct sunlight or moisture.

**Period of Validity:** CPI International ensures the accuracy of this solution for **18 months** from the certification date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Chuck Goudreau

**Chuck Goudreau, Certifying Officer**

September 12, 2023
**Certification Date**

CPI International waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

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5580 Skylane Boulevard P: 707.525.5788
Santa Rosa, CA 95403 P: 800.878.7654
F: 707.545.7901

Europe
Nieuwe Hemweg 7P P: +31 20 638 05 97
1013BG Amsterdam F: +31 20 420 28 36
The Netherlands

www.cpiinternational.com

**Health and Safety Information:** Refer to the Safety Data Sheet (SDS).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact CPI International for further information about this material.

**Quality Certifications:** This material was prepared under a quality management system that is registered/accredited to the following:

- ISO 17034 Accredited: Reference Materials Producer, Certificate No. 2848.02 – General Requirements for the Competence of Reference Material Producers
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35
- ISO/IEC 17025 Accredited: Chemical Testing, Certificate No. 2848.01 – General Requirements for the Competence of Testing and Calibration Laboratories
- ISO 9001 Certified: Quality Management Systems, Certificate Registration No. 56 100 19560101 – Requirements *(Registrar: TUV NORD)*

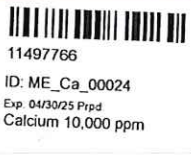
# Reagent

# ME_Ca_00024

rec'd 2/2/24
LD
2/14/2025
12:32:58 PM

Agilent

# CERTIFICATE OF ANALYSIS




**Agilent Product Name:** Calcium Standard: 10000 µg/mL Ca in 5% $HNO_3$

**Agilent Part No:** 5190-8369

**Lot No:** 0134015815

## Product Specifications

| Analyte | Starting Material | CAS # | Matrix | Certified Concentration |
|---|---|---|---|---|
| Ca | $CaCO_3$ | 471-34-1 | 5% $HNO_3$ | 10,050 ± 35 µg/mL (w/v) |
| | | | | 9696 ± 34 µg/g (w/w) |

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034**, **ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using 99.999% pure calcium carbonate ($CaCO_3$) dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3109a, lot #130213. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | 51 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | <5 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | <10 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | <5 | W | <5 |
| Bi | 2.01 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | 76 | Y | <5 |
| Ca | MAJOR | Fe | <100 | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent Technologies recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

**Period of Validity**: Agilent Technologies ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Sample lot approver:**

Chuck Goudreau

Chuck Goudreau, Certifying Officer

**Date of release:** 3 October 2023
**Date of expiration:** 30 April 2025

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

---

# me_Cr_00019

Rec'd 9-20-23 DF

Agilent

11151927
ID: me_Cr_00019
Exp:02/28/25 Prpd: Opn:09/20/23
Chromium

2/14/2025 12:32:58 PM

# CERTIFICATE OF ANALYSIS

**Agilent Product Name:** Chromium Standard: 10000 µg/mL Cr in 5% $HNO_3$
**Agilent Part No:** 5190-8374
**Lot No:** 0013615477

## Product Specifications

| Analyte | Starting Material | CAS # | Matrix | Certified Concentration |
|---|---|---|---|---|
| Cr | $Cr(NO_3)_3$ | 13548-38-4 | 5% $HNO_3$ | 9998 ± 42 µg/mL (w/v) |
| | | | | 9187 ± 38 µg/g (w/w) |

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034**, **ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using 99.996% pure chromium nitrate [$Cr(NO_3)_3$] dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3112a, lot #170630. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | 556 | Ge | <5 | Lu | <2 | P | <1000 | Sb | 11 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | MAJOR | Hg | <5 | Mn | 12 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | 8 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | 15 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | 6 | Rb | <5 | Sn | <5 | W | 9 |
| Bi | <2 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | 38 |
| Ca | <250 | Fe | 1112 | La | <5 | Ni | 301 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | 115 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Agilent

**Period of Validity**: Agilent ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Sample lot approver:**

Chuck Goudreau, Certifying Officer

**Date of release:** 2 August 2023
**Date of expiration:** 28 February 2025

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

---

# me_Fe_00022

rec'd
11-18-24
DE

Agilent

12179644
ID: me_Fe_00022
Exp:11/18/25 Prpd: Opn:11/18/24
Iron 10,000 mg/L

2/14/2025
12:32:58 PM

# CERTIFICATE OF ANALYSIS

**Agilent Product Name:** Iron Standard: 10000 µg/mL Fe in 5% $HNO_3$

**Agilent Part No:** 5190-8403

**Lot No:** 0001421669

## Product Specifications

| Analyte | Matrix | Certified Concentration |
|---|---|---|
| Fe | 5% $HNO_3$ | 10,030 ± 39 µg/mL (w/v) |
| | | 9631 ± 37 µg/g (w/w) |

**Storage Conditions:** Store at Room Temperature (15°C to 30°C)

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034, ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using an appropriate concentrate dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3126a, lot #140812. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | 18 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | 9 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | <10 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | <5 | W | <5 |
| Bi | <2 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | MAJOR | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | 11 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Agilent

**Period of Validity**: Agilent ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Date of Release:**
12 April 2023

**Sample lot approver:**

Chuck Goudreau, Certifying Officer

**Date of Expiration:**
Earlier of 29 March 2026 or 12 Months from Date opened.

**Date Opened:** _____

2/14/2025
12:32:58 PM

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

Page 343 of 5357

# Reagent

# ME_Hg_00066

INORGANIC VENTURES™
Refine your results. Redefine your industry.

# Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

## 1.0 ACCREDITATION / REGISTRATION

**INORGANIC VENTURES** is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED
Testing Laboratory
Certificate 883.01

ACCREDITED
Reference Material Producer
Certificate 883.02

## 2.0 PRODUCT DESCRIPTION

| | |
|---|---|
| Product Code: | Single Analyte Mass Spec Solution |
| Catalog Number: | MSHG-10PPM |
| Lot Number: | V2-HG743677 |
| Matrix: | 10% (v/v) HCl |
| Value / Analyte(s): | 10 µg/mL ea:<br>Mercury |
| Starting Material: | Hg Metal |
| Starting Material Lot#: | 1780 and 1959 |
| Starting Material Purity: | 99.9994% |

## 3.0 CERTIFIED VALUES AND UNCERTAINTIES

**Certified Value:** 9.998 ± 0.056 µg/mL

**Density:** 1.020 g/mL (measured at 20 ± 4 ºC)

### Assay Information:

| ANALYTE | METHOD | NIST SRM# | SRM LOT# |
|---|---|---|---|
| Hg | ICP Assay | 3133 | 160921 |
| Hg | EDTA | 928 | 928 |

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

### Characterization of CRM/RM by Two or More Methods

**Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:**

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

$X_i$ = mean of Assay Method i with standard uncertainty $u_{char\ i}$

$w_i$ = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

### Characterization of CRM/RM by One Method

**Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:**

$X_{CRM/RM} = (X_a)(u_{char\ a})$

$X_a$ = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

**CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$**

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

$u_{bb}$ = bottle to bottle homogeneity standard uncertainty

$u_{lts}$ = long term stability standard uncertainty (storage)

$u_{ts}$ = transport stability standard uncertainty

## 4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

### 4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

### 4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

### 4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

## 5.0 TRACE METALLIC IMPURITIES (TMI ) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M | Ag | | 0.000004 | M | Eu | < | 0.000210 | O | Na | | 0.000006 | M | Se | < | 0.002900 | O | Zn | | 0.000002 |
| O | Al | < | 0.002200 | O | Fe | | 0.000003 | M | Nb | < | 0.000210 | O | Si | | 0.000013 | M | Zr | < | 0.000210 |
| M | As | < | 0.001700 | M | Ga | < | 0.000210 | M | Nd | < | 0.000210 | M | Sm | < | 0.000210 | | | | |
| M | Au | < | 0.007800 | M | Gd | < | 0.000210 | O | Ni | < | 0.002200 | M | Sn | < | 0.000210 | | | | |
| M | B | < | 0.004400 | M | Ge | < | 0.000420 | M | Os | < | 0.001900 | M | Sr | < | 0.000420 | | | | |
| M | Ba | < | 0.000420 | M | Hf | < | 0.000210 | O | P | < | 0.063000 | M | Ta | < | 0.000210 | | | | |
| M | Be | < | 0.000420 | s | Hg | < | | M | Pb | < | 0.000420 | M | Tb | < | 0.000210 | | | | |
| M | Bi | < | 0.000210 | M | Ho | < | 0.000210 | M | Pd | < | 0.000420 | M | Te | < | 0.000420 | | | | |
| O | Ca | | 0.000031 | M | In | < | 0.000210 | M | Pr | < | 0.000210 | M | Th | < | 0.000420 | | | | |
| M | Cd | < | 0.000210 | M | Ir | < | 0.000210 | M | Pt | < | 0.000420 | O | Ti | < | 0.001100 | | | | |
| M | Ce | < | 0.000210 | O | K | < | 0.011000 | M | Rb | < | 0.000210 | M | Tl | < | 0.013000 | | | | |
| M | Co | < | 0.000210 | M | La | < | 0.000210 | M | Re | < | 0.000210 | M | Tm | < | 0.000210 | | | | |
| O | Cr | < | 0.001900 | O | Li | < | 0.000330 | M | Rh | < | 0.000210 | M | U | < | 0.000420 | | | | |
| M | Cs | | 0.000001 | M | Lu | < | 0.000210 | M | Ru | < | 0.000210 | M | V | < | 0.000420 | | | | |
| M | Cu | < | 0.003400 | O | Mg | | 0.000001 | O | S | < | 0.044000 | M | W | < | 0.000210 | | | | |
| M | Dy | < | 0.000210 | O | Mn | < | 0.000660 | M | Sb | < | 0.000210 | M | Y | < | 0.000210 | | | | |
| M | Er | < | 0.000210 | M | Mo | < | 0.000420 | M | Sc | < | 0.000210 | M | Yb | < | 0.000210 | | | | |

M - Checked by ICP-MS  O - Checked by ICP-OES  i - Spectral Interference
n - Not Checked For  s - Solution Standard Element

## 6.0 INTENDED USE

**6.1** This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

**6.2** For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

## 7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

### 7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

**Atomic Weight; Valence; Coordination Number; Chemical Form in Solution -** 200.59 +2 4 Hg(OH)(aq) 1+

**Chemical Compatibility -** Stable in HNO3. Avoid basic media forming insoluble carbonate. The sulfide, basic carbonate, oxalate, phosphate, arsenite, arsenate and iodide are insoluble in water.

**Stability -** 2-100 ppb levels not stable in 1% HNO3 / LDPE container, stable in 10% HNO3 packaged in borosilicate glass. 1-100 ppm levels stable in 7% HNO3 packaged in borosilicate glass. 1000-10,000 ppm solutions are chemically stable for years in 5-10% HNO3 / LDPE container.

**Hg Containing Samples (Preparation and Solution) -** Metal (soluble in HNO3 ); Oxide ( Soluble in HNO3); Ores and Organic based (The literature has more references to the preparation of Hg containing samples than any other element. Please consult the literature for your specific sample type, since such preparations are prone to error. Or e-mail our technical staff and we will contact you to discuss your particular sample preparation questions in further detail.).

**Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):**

| **Technique/Line** | **Estimated D.L.** | **Order** | **Interferences** (underlined indicates severe) |
|---|---|---|---|
| ICP-MS 202 amu | 9 ppt | n/a | 186W16O |
| ICP-OES 184.950 nm | 0.03 / 0.005 µg/mL | 1 | |
| ICP-OES 194.227 nm | 0.03 / 0.005 µg/mL | 1 | V |
| ICP-OES 253.652 nm | 0.1 / 0.03 µg/mL | 1 | Ta, Co, Th ,Rh , Fe, U |

## 8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

## 9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

## 10.0 QUALITY STANDARD DOCUMENTATION

### 10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

### 10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

### 10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

## 11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

**11.1 Certification Issue Date**

May 23, 2024

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

**11.2 Lot Expiration Date**

- **May 23, 2029**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

**11.3 Period of Validity**

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

## 12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

**Certificate Prepared By:**

Uyen Truong
Custom Processing Supervisor

**Certificate Approved By:**

Muzzammil Khan
Stock Laboratory Supervisor

**Certifying Officer:**

Paul Gaines
Chairman / Senior Technical Director

# Reagent

# ME_K_00023

Rec'd 8-2-24 D.C.

Agilent

11930554
ID: ME_K_00023
Exp:08/02/25 Prpd: Opn:08/02/24
Potassium 10,000 ppm

2/14/2025
12:32:58 PM

# CERTIFICATE OF ANALYSIS

**Agilent Product Name:** Potassium Standard: 10000 µg/mL K in 5% $HNO_3$

**Agilent Part No:** 5190-8433

**Lot No:** 1441336

## Product Specifications

| Analyte | Matrix | Certified Concentration |
|---|---|---|
| K | 5% $HNO_3$ | 9974 ± 48 µg/mL (w/v) |
| | | 9747 ± 47 µg/g (w/w) |

**Storage Conditions:** Store at Room Temperature (15°C to 30°C)

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034**, **ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using an appropriate concentrate dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3141a, lot #140813. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | <5 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | <10 |
| Ba | 16 | Er | <2 | Ir | <2 | Nb | <5 | Rb | 53 | Sn | <5 | W | <5 |
| Bi | <2 | Eu | <2 | K | MAJOR | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | <100 | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Agilent

**Period of Validity**: Agilent ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Date of Release:**
9 January 2023

**Sample lot approver:**

Chuck Goudreau, Certifying Officer

**Date of Expiration:**
Earlier of 2 January 2026 or 12 Months from Date opened.

**Date Opened:** 8-2-24 DE

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

# ME_Na_00026

rec'd LD 1/16/25

Agilent

12295596
ID: ME_Na_00026
Exp: 01/16/26 Prpd: LBD
Sodium

2/14/2025 12:32:58 PM

# CERTIFICATE OF ANALYSIS

**Agilent Product Name:** Sodium Standard: 10000 µg/mL Na in 5% $HNO_3$
**Agilent Part No:** 5190-8206
**Lot No:** 1436516

## Product Specifications

| Analyte | Matrix | Certified Concentration |
|---|---|---|
| Na | 5% $HNO_3$ | 9958 ± 51 µg/mL (w/v) |
| | | 9679 ± 50 µg/g (w/w) |

**Storage Conditions:** Store at Room Temperature (15°C to 30°C)

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034, ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using an appropriate concentrate dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3152a, lot #200413. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | 9 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | <5 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | 52 | Dy | <2 | In | nd | Na | MAJOR | Pt | <5 | Sm | <2 | V | <10 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | 19 | W | <5 |
| Bi | <2 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | <100 | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

---

# ME_Pb_00015

2/14/2025
12:32:58 PM

Agilent

rec'd 2/20/24
LD

# CERTIFICATE OF ANALYSIS

11531751
ID: ME_Pb_00015
Exp. 04/30/25 Prpd
Lead 10,000 mg/L

**Agilent Product Name:** Lead Standard: 10000 µg/mL Pb in 5% $HNO_3$
**Agilent Part No:** 5190-8406
**Lot No:** 0013824586

## Product Specifications

| Analyte | Starting Material | CAS # | Matrix | Certified Concentration |
|---|---|---|---|---|
| Pb | Pb | 7439-92-1 | 5% $HNO_3$ | 9944 ± 61 µg/mL (w/v) |
| | | | | 9711 ± 59 µg/g (w/w) |

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034, ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using 99.999% pure lead (Pb) dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3128, lot #101026. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | MAJOR | Sc | <50 | Ti | <20 |
| As | <20 | Cr | <5 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | 33 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | <10 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | <5 | W | <5 |
| Bi | 10 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | <100 | La | <5 | Ni | <20 | Rh | <50 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Agilent

**Period of Validity**: Agilent ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Sample lot approver:**

Chuck Goudreau, Certifying Officer

**Date of release:** 10 October 2023
**Date of expiration:** 30 April 2025

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

# me_TA-Call-SS_00010

Rec'd
9-28-24
DE

12061220
ID: me_TA-Cal1-SS_00010
Exp:05/10/26 Prpd: Opn:09/28/24
2nd Source Stock Std

2/14/2025
12:32:58 PM

CPI INTERNATIONAL

# CERTIFICATE OF ANALYSIS

Multi-Element Aqueous CRM

Product #: TA-CAL1-SS

## ICP ICPMS CAL Mix # 1

Lot #: 1458890

Matrix: 5% $HNO_3$/tr. HF

*Expiration Date: 10 May 2026

| Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty |
|---|---|---|---|---|---|
| As | 99.99 ± 0.50 mg/L | Li | 100.0 ± 0.5 mg/L | Si | 1000 ± 5 mg/L |
| Ba | 100.0 ± 0.5 mg/L | Mn | 100.0 ± 0.5 mg/L | Sn | 99.99 ± 0.50 mg/L |
| Be | 100.0 ± 0.5 mg/L | Mo | 100.0 ± 0.5 mg/L | Sr | 100.0 ± 0.5 mg/L |
| Cd | 100.0 ± 0.5 mg/L | Ni | 100.0 ± 0.5 mg/L | Ti | 100.0 ± 0.5 mg/L |
| Co | 100.0 ± 0.5 mg/L | Pb | 100.0 ± 0.5 mg/L | Tl | 100.0 ± 0.5 mg/L |
| Cr | 100.0 ± 0.5 mg/L | Sb | 100.0 ± 0.5 mg/L | V | 100.0 ± 0.5 mg/L |
| Cu | 100.0 ± 0.5 mg/L | Se | 100.0 ± 0.5 mg/L | | |

Source Material Lot # Chart

| Element | Source Material Lot # | Element | Source Material Lot # | Element | Source Material Lot # |
|---|---|---|---|---|---|
| As | AP19-160ASX | Li | BC19-136LIX | Si | AW19-174SIX |
| Ba | AR19-106BAX | Mn | AS19-138MNX | Sn | AN19-151SNX |
| Be | AW19-180BEX | Mo | 2328521 | Sr | AT19-118SRX |
| Cd | AT19-137CDX | Ni | AW19-124NIX | Ti | 2405728 |
| Co | AU19-139COX | Pb | AX19-144PBX | Tl | 2322021 |
| Cr | AP19-128CRX | Sb | 2301027 | V | AR19-121VX |
| Cu | BA19-171CUX | Se | AR19-111SEX | | |

**Intended Use:** This solution is intended for use as a second source certified reference material (CRM) or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), flame or furnace atomic absorption spectroscopy (AA or GFAA), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured, processed, and/or certified under a quality management system that is registered/accredited to **ISO 9001**, **ISO 17034**, and **ISO/IEC 17025**. This CRM was prepared to the certified concentrations shown above by gravimetric methods, using single-element concentrates that were certified using the "High Performance ICP-OES" protocol developed by NIST and are directly traceable to **NIST SRMs (see final page)**. The solution was stabilized using high purity nitric acid ($HNO_3$), trace hydrofluoric acid (HF) and diluted with filtered (0.22 µm), 18 M-ohm deionized water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST, using a calibration provider that is accredited to ISO/IEC 17025 by a mutually recognized accreditation body. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentrations were determined based upon gravimetric procedures. Secondary verification of the certified concentrations was performed using ICP-OES that was calibrated and/or referenced against **NIST SRMs (see final page)**. The uncertainty associated with each certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.



USA
5580 Skylane Boulevard P: 707.525.5788
Santa Rosa, CA 95403 P: 800.878.7654
F: 707.545.7901
www.cpiinternational.com

Europe
Nieuwe Hemweg 7P P: +31 20 638 05 97
1013BG Amsterdam F: +31 20 420 28 36
The Netherlands

**Instructions for Use:** We recommend that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy, the analyst should: (1) use only pre-cleaned containers and transferware, (2) not pipette directly from the CRM's original container, (3) never pour used product back into the original container, (4) make dilutions using calibrated balances or certified class A volumetric flasks and pipettes, (5) use a minimum sub-sample size of 500 µL, and (6) dilute with the same matrix as the original CRM or other chemically suitable matrix. The solution should be kept tightly capped and stored under normal laboratory conditions. Do not freeze, heat, or immerse the bottle or its contents, and avoid exposure to direct sunlight or moisture.

**Period of Validity:** CPI International ensures the accuracy of this solution until the date shown above or ***12 Months** from the date opened, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Chuck Goudreau

| Chuck Goudreau, Certifying Officer | 16 May 2024<br>Certification Date | Date Opened |
|---|---|---|

CPI International waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

**Health and Safety Information:** Refer to the Safety Data Sheet (SDS).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact CPI International for further information about this material.

**Quality Certifications:** This material was prepared under a quality management system that is registered/accredited to the following:

- ISO 17034 Accredited: Reference Materials Producer, A2LA Certificate No. 2848.02 – General Requirements for the Competence of Reference Material Producers
  - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35
- ISO/IEC 17025 Accredited: Chemical Testing, A2LA Certificate No. 2848.01 – General Requirements for the Competence of Testing and Calibration Laboratories
- ISO 9001 Certified: Quality Management Systems, Certificate Registration No. 56 100 19560101 – Requirements *(Registrar: TUV NORD)*

**This CRM is traceable to the following NIST SRMs:**

| Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM |
|---|---|---|---|---|---|---|---|---|
| Ag | 3151 | - | Hf | 3122 | - | S | 3154 | 2770 |
| Al | 3101a | - | Hg | 3133 | 3133 | Sb | 3102a | 3102a |
| As | 3103a | 3103a | Ho | 3123a | - | Sc | 3148a | 3148a |
| Au | 3121 | - | In | 3124a | 3124a | Se | 3149 | 3149 |
| B | 3107 | 3107 | K | 3141a | 3141a | Si | 3150 | - |
| Ba | 3104a | - | La | 3127a | 3127a | Sm | 3147a | - |
| Be | 3105a | 3105a | Li | 3129a | 3129a | Sn | 3161a | - |
| Bi | 3106 | 3106 | Lu | 3130a | - | $SO_4^{-2}$ | 3181 | - |
| $Br^-$ | 3184 | - | Mg | 3131a | 3131a | Sr | 3153a | 3153a |
| Ca | 3109a | 3109a | Mn | 3132 | 3132 | Ta | 3155 | - |
| Cd | 3108 | - | Mo | 3134 | 3134 | Tb | 3157a | - |
| Ce | 3110 | 3110 | Na | 3152a | - | Te | 3156 | - |
| $Cl^-$ | 3182 | 1818a | Nb | 3137 | - | Th | - | - |
| Co | 3113 | 3113 | Nd | 3135a | - | Ti | 3162a | 3162a |
| Cr | 3112a | - | Ni | 3136 | - | Tl | 3158 | 3158 |
| Cs | 3111a | - | $NO_3^-$ | 3185 | - | Tm | 3160a | - |
| Cu | 3114 | - | P | 3139a | 3139a | U | 3164 | - |
| Dy | 3115a | - | Pb | 3128 | - | V | 3165 | - |
| Er | 3116a | - | Pd | 3138 | - | W | 3163 | 3163 |
| Eu | 3117a | - | $PO_4^{-3}$ | 3186 | - | Y | 3167a | 3167a |
| $F^-$ | 3183 | - | Pr | 3142a | - | Yb | 3166a | - |
| Fe | 3126a | - | Pt | 3140 | 3140 | Zn | 3168a | 3168a |
| Ga | 3119a | - | Rb | 3145a | - | Zr | 3169 | 3169 |
| Gd | 3118a | - | Re | 3143 | - | | | |
| Ge | 3120a | - | Rh | 3144 | 3144 | | | |

# Reagent

# me_TA-Call_00015

rec'd
9-28-24
DE

12061217
ID: me_TA-Cal1_00015
Exp:04/20/26 Prpd: Opn:09/28/24
Stock Std

2/14/2025
12:32:58 PM

CPI INTERNATIONAL

# CERTIFICATE OF ANALYSIS

Multi-Element Aqueous CRM

Product #: TA-CAL1

## ICP ICPMS CAL Mix # 1

Lot #: 1448273

Matrix: 5% $HNO_3$/tr. HF

*Expiration Date: 20 April 2026

| Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty |
|---|---|---|---|---|---|
| As | 100.0 ± 0.5 mg/L | Li | 100.0 ± 0.5 mg/L | Si | 1000 ± 5 mg/L |
| Ba | 100.0 ± 0.5 mg/L | Mn | 99.99 ± 0.50 mg/L | Sn | 99.94 ± 0.50 mg/L |
| Be | 100.0 ± 0.5 mg/L | Mo | 100.1 ± 0.5 mg/L | Sr | 100.1 ± 0.5 mg/L |
| Cd | 100.1 ± 0.5 mg/L | Ni | 100.1 ± 0.5 mg/L | Ti | 100.2 ± 0.5 mg/L |
| Co | 100.1 ± 0.5 mg/L | Pb | 99.99 ± 0.50 mg/L | Tl | 100.0 ± 0.5 mg/L |
| Cr | 100.1 ± 0.5 mg/L | Sb | 99.97 ± 0.50 mg/L | V | 100.0 ± 0.5 mg/L |
| Cu | 100.2 ± 0.5 mg/L | Se | 99.98 ± 0.50 mg/L | | |

**Source Material Lot # Chart**

| Element | Source Material Lot # | Element | Source Material Lot # | Element | Source Material Lot # |
|---|---|---|---|---|---|
| As | 1339073 | Li | 1385944 | Si | 1388293 |
| Ba | 1420565 | Mn | 1297893 | Sn | 1275899 |
| Be | 1429446 | Mo | 1238528 | Sr | 1387736 |
| Cd | 173172 | Ni | 1249274 | Ti | 1199827 |
| Co | 983064 | Pb | 1359636 | Tl | 1222802 |
| Cr | 1378614 | Sb | 1383815 | V | 1140137 |
| Cu | 1344155 | Se | 1362962 | | |

**Intended Use:** This solution is intended for use as a certified reference material (CRM) or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), flame or furnace atomic absorption spectroscopy (AA or GFAA), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured, processed, and/or certified under a quality management system that is registered/accredited to **ISO 9001**, **ISO 17034**, and **ISO/IEC 17025**. This CRM was prepared to the certified concentrations shown above by gravimetric methods, using single-element concentrates that were certified using the "High Performance ICP-OES" protocol developed by NIST and are directly traceable to **NIST SRMs (see final page)**. The solution was stabilized using high purity nitric acid ($HNO_3$), trace hydrofluoric acid (HF) and diluted with filtered (0.22 µm), 18 M-ohm deionized water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST, using a calibration provider that is accredited to ISO/IEC 17025 by a mutually recognized accreditation body. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentrations were determined based upon gravimetric procedures. Secondary verification of the certified concentrations was performed using ICP-OES that was calibrated and/or referenced against **NIST SRMs (see final page)**. The uncertainty associated with each certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.



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1013BG Amsterdam F: +31 20 420 28 36
The Netherlands

**Instructions for Use:** We recommend that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy, the analyst should: (1) use only pre-cleaned containers and transferware, (2) not pipette directly from the CRM's original container, (3) never pour used product back into the original container, (4) make dilutions using calibrated balances or certified class A volumetric flasks and pipettes, (5) use a minimum sub-sample size of 500 µL, and (6) dilute with the same matrix as the original CRM or other chemically suitable matrix. The solution should be kept tightly capped and stored under normal laboratory conditions. Do not freeze, heat, or immerse the bottle or its contents, and avoid exposure to direct sunlight or moisture.

**Period of Validity:** CPI International ensures the accuracy of this solution until the date shown above or ***12 Months** from the date opened, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Chuck Goudreau

| **Chuck Goudreau, Certifying Officer** | 26 April 2024<br>**Certification Date** | **Date Opened** |
|---|---|---|

CPI International waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

**Health and Safety Information:** Refer to the Safety Data Sheet (SDS).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact CPI International for further information about this material.

**Quality Certifications:** This material was prepared under a quality management system that is registered/accredited to the following:

- ISO 17034 Accredited: Reference Materials Producer, A2LA Certificate No. 2848.02 – General Requirements for the Competence of Reference Material Producers
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35
- ISO/IEC 17025 Accredited: Chemical Testing, A2LA Certificate No. 2848.01 – General Requirements for the Competence of Testing and Calibration Laboratories
- ISO 9001 Certified: Quality Management Systems, Certificate Registration No. 56 100 19560101 – Requirements *(Registrar: TUV NORD)*

**This CRM is traceable to the following NIST SRMs:**

| Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM |
|---|---|---|---|---|---|---|---|---|
| Ag | 3151 | - | Hf | 3122 | - | S | 3154 | 2770 |
| Al | 3101a | - | Hg | 3133 | 3133 | Sb | 3102a | 3102a |
| As | 3103a | 3103a | Ho | 3123a | - | Sc | 3148a | 3148a |
| Au | 3121 | - | In | 3124a | 3124a | Se | 3149 | 3149 |
| B | 3107 | 3107 | K | 3141a | 3141a | Si | 3150 | - |
| Ba | 3104a | - | La | 3127a | 3127a | Sm | 3147a | - |
| Be | 3105a | 3105a | Li | 3129a | 3129a | Sn | 3161a | - |
| Bi | 3106 | 3106 | Lu | 3130a | - | $SO_4^{-2}$ | 3181 | - |
| $Br^-$ | 3184 | - | Mg | 3131a | 3131a | Sr | 3153a | 3153a |
| Ca | 3109a | 3109a | Mn | 3132 | 3132 | Ta | 3155 | - |
| Cd | 3108 | - | Mo | 3134 | 3134 | Tb | 3157a | - |
| Ce | 3110 | 3110 | Na | 3152a | - | Te | 3156 | - |
| $Cl^-$ | 3182 | 1818a | Nb | 3137 | - | Th | - | - |
| Co | 3113 | 3113 | Nd | 3135a | - | Ti | 3162a | 3162a |
| Cr | 3112a | - | Ni | 3136 | - | Tl | 3158 | 3158 |
| Cs | 3111a | - | $NO_3^-$ | 3185 | - | Tm | 3160a | - |
| Cu | 3114 | - | P | 3139a | 3139a | U | 3164 | - |
| Dy | 3115a | - | Pb | 3128 | - | V | 3165 | - |
| Er | 3116a | - | Pd | 3138 | - | W | 3163 | 3163 |
| Eu | 3117a | - | $PO_4^{-3}$ | 3186 | - | Y | 3167a | 3167a |
| $F^-$ | 3183 | - | Pr | 3142a | - | Yb | 3166a | - |
| Fe | 3126a | - | Pt | 3140 | 3140 | Zn | 3168a | 3168a |
| Ga | 3119a | - | Rb | 3145a | - | Zr | 3169 | 3169 |
| Gd | 3118a | - | Re | 3143 | - | | | |
| Ge | 3120a | - | Rh | 3144 | 3144 | | | |

# Reagent

# me_TA-Cal2-SS_00009

Rec'd
9-28-24
DE

12061221
ID: me_TA-Cal2-SS_00009
Exp:04/29/26 Prpd: Opn:09/28/24
2nd Source Stock Std

2/14/2025
12:32:58 PM

CPI INTERNATIONAL

# CERTIFICATE OF ANALYSIS

Multi-Element Aqueous CRM

Product #: TA-CAL2-SS

## ICP ICPMS CAL Mix # 2

Lot #: 1437072

Matrix: 5% $HNO_3$

*Expiration Date: 29 April 2026

| Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty |
|---|---|---|---|---|---|
| Al | 2000 ± 10 mg/L | Fe | 2000 ± 10 mg/L | Mg | 2000 ± 10 mg/L |
| Ca | 2000 ± 10 mg/L | K | 2000 ± 10 mg/L | Na | 2000 ± 10 mg/L |

**Source Material Lot # Chart**

| Element | Source Material Lot # | Element | Source Material Lot # | Element | Source Material Lot # |
|---|---|---|---|---|---|
| Al | AT19-140ALX | Fe | AV19-170FEX | Mg | AT19-143MGX |
| Ca | BE19-190CAX | K | BC19-155KX | Na | AW19-142NAX |

**Intended Use:** This solution is intended for use as a second source certified reference material (CRM) or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), flame or furnace atomic absorption spectroscopy (AA or GFAA), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured, processed, and/or certified under a quality management system that is registered/accredited to **ISO 9001**, **ISO 17034**, and **ISO/IEC 17025**. This CRM was prepared to the certified concentrations shown above by gravimetric methods, using single-element concentrates that were certified using the "High Performance ICP-OES" protocol developed by NIST and are directly traceable to **NIST SRMs (see reverse side)**. The solution was stabilized using high purity nitric acid ($HNO_3$) and diluted with filtered (0.22 µm), 18 M-ohm deionized water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST, using a calibration provider that is accredited to ISO/IEC 17025 by a mutually recognized accreditation body. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentrations were determined based upon gravimetric procedures. Secondary verification of the certified concentrations was performed using ICP-OES that was calibrated and/or referenced against **NIST SRMs (see reverse side)**. The uncertainty associated with each certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Instructions for Use:** We recommend that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy, the analyst should: (1) use only pre-cleaned containers and transferware, (2) not pipette directly from the CRM's original container, (3) never pour used product back into the original container, (4) make dilutions using calibrated balances or certified class A volumetric flasks and pipettes, (5) use a minimum sub-sample size of 500 µL, and (6) dilute with the same matrix as the original CRM or other chemically suitable matrix. The solution should be kept tightly capped and stored under normal laboratory conditions. Do not freeze, heat, or immerse the bottle or its contents, and avoid exposure to direct sunlight or moisture.

**Period of Validity:** CPI International ensures the accuracy of this solution until the date shown above or ***12 Months** from the date opened, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Chuck Goudreau

**Chuck Goudreau, Certifying Officer**

7 May 2024
**Certification Date**

**Date Opened**

CPI International waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

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1013BG Amsterdam F: +31 20 420 28 36
The Netherlands

**Health and Safety Information:** Refer to the Safety Data Sheet (SDS).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact CPI International for further information about this material.

**Quality Certifications:** This material was prepared under a quality management system that is registered/accredited to the following:

- ISO 17034 Accredited: Reference Materials Producer, A2LA Certificate No. 2848.02 – General Requirements for the Competence of Reference Material Producers
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35
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- ISO 9001 Certified: Quality Management Systems, Certificate Registration No. 56 100 19560101 – Requirements *(Registrar: TUV NORD)*

**This CRM is traceable to the following NIST SRMs:**

| Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM |
|---|---|---|---|---|---|---|---|---|
| Ag | 3151 | - | Hf | 3122 | - | S | 3154 | 2770 |
| Al | 3101a | - | Hg | 3133 | 3133 | Sb | 3102a | 3102a |
| As | 3103a | 3103a | Ho | 3123a | - | Sc | 3148a | 3148a |
| Au | 3121 | - | In | 3124a | 3124a | Se | 3149 | 3149 |
| B | 3107 | 3107 | K | 3141a | 3141a | Si | 3150 | - |
| Ba | 3104a | - | La | 3127a | 3127a | Sm | 3147a | - |
| Be | 3105a | 3105a | Li | 3129a | 3129a | Sn | 3161a | - |
| Bi | 3106 | 3106 | Lu | 3130a | - | $SO_4^{-2}$ | 3181 | - |
| $Br^-$ | 3184 | - | Mg | 3131a | 3131a | Sr | 3153a | 3153a |
| Ca | 3109a | 3109a | Mn | 3132 | 3132 | Ta | 3155 | - |
| Cd | 3108 | - | Mo | 3134 | 3134 | Tb | 3157a | - |
| Ce | 3110 | 3110 | Na | 3152a | - | Te | 3156 | - |
| $Cl^-$ | 3182 | 1818a | Nb | 3137 | - | Th | - | - |
| Co | 3113 | 3113 | Nd | 3135a | - | Ti | 3162a | 3162a |
| Cr | 3112a | - | Ni | 3136 | - | Tl | 3158 | 3158 |
| Cs | 3111a | - | $NO_3^-$ | 3185 | - | Tm | 3160a | - |
| Cu | 3114 | - | P | 3139a | 3139a | U | 3164 | - |
| Dy | 3115a | - | Pb | 3128 | - | V | 3165 | - |
| Er | 3116a | - | Pd | 3138 | - | W | 3163 | 3163 |
| Eu | 3117a | - | $PO_4^{-3}$ | 3186 | - | Y | 3167a | 3167a |
| $F^-$ | 3183 | - | Pr | 3142a | - | Yb | 3166a | - |
| Fe | 3126a | - | Pt | 3140 | 3140 | Zn | 3168a | 3168a |
| Ga | 3119a | - | Rb | 3145a | - | Zr | 3169 | 3169 |
| Gd | 3118a | - | Re | 3143 | - | | | |
| Ge | 3120a | - | Rh | 3144 | 3144 | | | |

# Reagent

---

# me_TA-Cal2_00016

Rec'd
9-28-24
PE

12061218
ID: me_TA-Cal2_00016
Exp:02/24/26 Prpd: Opn:09/28/24
Stock Std

2/14/2025
12:32:58 PM

CPI INTERNATIONAL

# CERTIFICATE OF ANALYSIS

Multi-Element Aqueous CRM

Product #: TA-CAL2

## ICP ICPMS CAL Mix # 2

Lot #: 1437071

Matrix: 5% $HNO_3$

*Expiration Date: 24 February 2026

| Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty | Element | Certified Concentration & Uncertainty |
|---|---|---|---|---|---|
| Al | 1999 ± 10 mg/L | Fe | 2000 ± 10 mg/L | Mg | 2000 ± 10 mg/L |
| Ca | 2000 ± 10 mg/L | K | 2000 ± 10 mg/L | Na | 2000 ± 10 mg/L |

**Source Material Lot # Chart**

| Element | Source Material Lot # | Element | Source Material Lot # | Element | Source Material Lot # |
|---|---|---|---|---|---|
| Al | 1369281 | Fe | 1249266 | Mg | 1222806 |
| Ca | 1344004 | K | 1367374 | Na | 1369048 |

**Intended Use:** This solution is intended for use as a certified reference material (CRM) or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), flame or furnace atomic absorption spectroscopy (AA or GFAA), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured, processed, and/or certified under a quality management system that is registered/accredited to **ISO 9001**, **ISO 17034**, and **ISO/IEC 17025**. This CRM was prepared to the certified concentrations shown above by gravimetric methods, using single-element concentrates that were certified using the "High Performance ICP-OES" protocol developed by NIST and are directly traceable to **NIST SRMs (see reverse side)**. The solution was stabilized using high purity nitric acid ($HNO_3$) and diluted with filtered (0.22 µm), 18 M-ohm deionized water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST, using a calibration provider that is accredited to ISO/IEC 17025 by a mutually recognized accreditation body. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentrations were determined based upon gravimetric procedures. Secondary verification of the certified concentrations was performed using ICP-OES that was calibrated and/or referenced against **NIST SRMs (see reverse side)**. The uncertainty associated with each certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Instructions for Use:** We recommend that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy, the analyst should: (1) use only pre-cleaned containers and transferware, (2) not pipette directly from the CRM's original container, (3) never pour used product back into the original container, (4) make dilutions using calibrated balances or certified class A volumetric flasks and pipettes, (5) use a minimum sub-sample size of 500 µL, and (6) dilute with the same matrix as the original CRM or other chemically suitable matrix. The solution should be kept tightly capped and stored under normal laboratory conditions. Do not freeze, heat, or immerse the bottle or its contents, and avoid exposure to direct sunlight or moisture.

**Period of Validity:** CPI International ensures the accuracy of this solution until the date shown above or ***12 Months** from the date opened, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Chuck Goudreau

**Chuck Goudreau, Certifying Officer**

5 March 2024
**Certification Date**

**Date Opened**

CPI International waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

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1013BG Amsterdam F: +31 20 420 28 36
The Netherlands

**Health and Safety Information:** Refer to the Safety Data Sheet (SDS).

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with internal procedures for the assessment of homogeneity and stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact CPI International for further information about this material.

**Quality Certifications:** This material was prepared under a quality management system that is registered/accredited to the following:

- ISO 17034 Accredited: Reference Materials Producer, A2LA Certificate No. 2848.02 – General Requirements for the Competence of Reference Material Producers
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35
- ISO/IEC 17025 Accredited: Chemical Testing, A2LA Certificate No. 2848.01 – General Requirements for the Competence of Testing and Calibration Laboratories
- ISO 9001 Certified: Quality Management Systems, Certificate Registration No. 56 100 19560101 – Requirements *(Registrar: TUV NORD)*

**This CRM is traceable to the following NIST SRMs:**

| Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM | Analyte | Aq. SRM | MO SRM |
|---|---|---|---|---|---|---|---|---|
| Ag | 3151 | - | Hf | 3122 | - | S | 3154 | 2770 |
| Al | 3101a | - | Hg | 3133 | 3133 | Sb | 3102a | 3102a |
| As | 3103a | 3103a | Ho | 3123a | - | Sc | 3148a | 3148a |
| Au | 3121 | - | In | 3124a | 3124a | Se | 3149 | 3149 |
| B | 3107 | 3107 | K | 3141a | 3141a | Si | 3150 | - |
| Ba | 3104a | - | La | 3127a | 3127a | Sm | 3147a | - |
| Be | 3105a | 3105a | Li | 3129a | 3129a | Sn | 3161a | - |
| Bi | 3106 | 3106 | Lu | 3130a | - | $SO_4^{-2}$ | 3181 | - |
| $Br^-$ | 3184 | - | Mg | 3131a | 3131a | Sr | 3153a | 3153a |
| Ca | 3109a | 3109a | Mn | 3132 | 3132 | Ta | 3155 | - |
| Cd | 3108 | - | Mo | 3134 | 3134 | Tb | 3157a | - |
| Ce | 3110 | 3110 | Na | 3152a | - | Te | 3156 | - |
| $Cl^-$ | 3182 | 1818a | Nb | 3137 | - | Th | - | - |
| Co | 3113 | 3113 | Nd | 3135a | - | Ti | 3162a | 3162a |
| Cr | 3112a | - | Ni | 3136 | - | Tl | 3158 | 3158 |
| Cs | 3111a | - | $NO_3^-$ | 3185 | - | Tm | 3160a | - |
| Cu | 3114 | - | P | 3139a | 3139a | U | 3164 | - |
| Dy | 3115a | - | Pb | 3128 | - | V | 3165 | - |
| Er | 3116a | - | Pd | 3138 | - | W | 3163 | 3163 |
| Eu | 3117a | - | $PO_4^{-3}$ | 3186 | - | Y | 3167a | 3167a |
| $F^-$ | 3183 | - | Pr | 3142a | - | Yb | 3166a | - |
| Fe | 3126a | - | Pt | 3140 | 3140 | Zn | 3168a | 3168a |
| Ga | 3119a | - | Rb | 3145a | - | Zr | 3169 | 3169 |
| Gd | 3118a | - | Re | 3143 | - | | | |
| Ge | 3120a | - | Rh | 3144 | 3144 | | | |

# Reagent

# ME_V_00021

rec'd 1/16/25 LD

Agilent

12295497
ID: ME_V_00021
Exp. 01/16/26 Prpd. LBD
Vanadium10000ppm

2/14/2025 12:32:58 PM

# CERTIFICATE OF ANALYSIS

**Agilent Product Name:** Vanadium Standard: 10000 µg/mL V in 5% $HNO_3$

**Agilent Part No:** 5190-8228

**Lot No:** 1441242

## Product Specifications

| Analyte | Matrix | Certified Concentration |
|---|---|---|
| V | 5% $HNO_3$ | 10,100 ± 37 µg/mL (w/v) |
| | | 9235 ± 33 µg/g (w/w) |

**Storage Conditions:** Store at Room Temperature (15°C to 30°C)

**Intended Use**: This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability**: This CRM was manufactured under a quality management system that is accredited to **ISO 17034, ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using an appropriate concentrate dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3165, lot #160906. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values**: Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | 38 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | 108 |
| As | <20 | Cr | 1349 | Hg | <5 | Mn | 72 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | MAJOR |
| Ba | 14 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | <5 | W | <5 |
| Bi | <2 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | 1102 | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | 9 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | <20 |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use**: Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

# Reagent

# ME_Zn-2nd_00004

Agilent

rec'd 2-10-23 OE

10548100
ID: ME_Zn-2nd_00004
Exp:06/30/29 Prpd:DLE Opn:02/10/23
1000 ppm Zinc stock std

# Certificate of Analysis

**Product Number:** ICP-030
**Lot Number:** 0006681564

**Lot Issue Date:** 09-May 2022
**Expiration Date:** 30-Jun 2029

**Product Name:** Zinc ICP Standard

**Description:**
This Reference Material (RM) was gravimetrically prepared in accordance with ISO 17034 and under Agilent's ISO 9001 registered quality system. The neat materials used for this product have been verified by Agilent's ISO 17025 laboratory and under Agilent's ISO 17034 accreditation. The analyte concentrations were verified by Agilent's ISO 17025 accredited laboratory. For each analyte, the true value, with its uncertainty value calculated at the 95% confidence level, is reported below.

| Analyte | Starting Material | Lot Number | Purity (%) | Analyte Concentration | Traceability & Method |
|---|---|---|---|---|---|
| Zinc | zinc nitrate hexahydrate | RM12069 | 99.9995 | 1002 ± 2 µg/mL | NIST SRM 3168a; ICP-OES |

**Solvent:** 2% nitric acid in low TOC water (< 50 ppb)

**Non-Certified Values:**

**Density:** 1.0112 g/mL @ 20.00 ± 0.05°C

**Trace Metallic Impurities in Solution Standard in µg/mL**

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| * | Al | <0.005 ND | * | Ga | <0.005 ND | n | Nb | | n | S | |
| * | Sb | <0.005 ND | n | Ge | | n | Os | | n | Ta | |
| * | As | <0.005 ND | n | Au | | * | Pd | <0.005 ND | n | Te | |
| * | Ba | <0.005 ND | n | Hf | | * | P | <0.005 ND | n | Tb | |
| * | Be | <0.005 ND | n | Ho | | * | Pt | <0.005 ND | * | Tl | <0.005 ND |
| * | Bi | <0.005 ND | * | In | <0.005 ND | * | K | <0.005 ND | n | Th | |
| * | B | <0.005 ND | n | Ir | | n | Pr | | n | Tm | |
| * | Cd | <0.005 ND | * | Fe | <0.005 ND | n | Re | | * | Sn | <0.005 ND |
| n | Cs | | * | La | <0.005 ND | n | Rh | | * | Ti | <0.005 ND |
| * | Ca | <0.005 ND | * | Pb | <0.005 ND | n | Rb | | n | W | |
| n | Ce | | * | Li | <0.005 ND | n | Ru | | n | U | |
| * | Cr | <0.005 ND | n | Lu | | n | Sm | | * | V | <0.005 ND |
| * | Co | <0.005 ND | * | Mg | <0.005 ND | n | Sc | | n | Yb | |
| * | Cu | <0.005 ND | * | Mn | <0.005 ND | * | Se | <0.005 ND | n | Y | |
| n | Dy | | * | Hg | <0.005 ND | * | Si | <0.005 ND | s | Zn | |
| * | Er | <0.005 ND | * | Mo | <0.005 ND | * | Ag | <0.005 ND | n | Zr | |
| * | Eu | <0.005 ND | n | Nd | | * | Na | <0.005 ND | | | |
| * | Gd | <0.005 ND | * | Ni | <0.005 ND | * | Sr | <0.005 ND | | | |

* - element checked; i - spectral interference; n – element not checked; D – element detected; ND – element not detected; s - standard element

**Storage:** Store at Room Temperature (15° to 30°C).

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV SUD 951215321 registered ISO 9001 Quality Management System

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937



250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

Agilent

# Certificate of Analysis

**Product Number:** ICP-030
**Lot Number:** 0006681564

**Lot Issue Date:** 09-May 2022
**Expiration Date:** 30-Jun 2029

**Traceability:**
Traceability has been established through an unbroken chain of comparisons, each having stated uncertainties. Comparisons are based on appropriate physical or chemical measurements, including gravimetric or volumetric dilution, where the mass or volume of a solution before and after dilution is measured. The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 819.

**Estimation of Uncertainties:**
The true value is reported, with its uncertainty value calculated at the 95% confidence level.

**Homogeneity:**
This RM was formulated and unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods and continuing calibration verification.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening and should be processed without delay for the true value to be valid within the stated uncertainties. Do not pipet from the bottle. Do not return any material removed for pipetting to the bottle. Tightly cap the bottle after removing any material and store according to the instructions noted above.

**Hazards:**
Refer to the Safety Data Sheet for information regarding this RM.

**Expiration of Certification:**
The certification of this RM is valid, within the measurement uncertainty specified, until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
The real-time, long term stability of the RM may be monitored over the lifetime of the certification. If substantive changes occur that affect the certification before the expiration of this certificate, Agilent Technologies will notify the purchaser.

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

Produced in accordance with TUV SUD 951215321
registered ISO 9001 Quality Management System



ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

# Reagent

# ME_Zn_00017

Agilent

# CERTIFICATE OF ANALYSIS

rec'd 2/20/24 LD

**Agilent Product Name:** Zinc Standard: 10000 µg/mL Zn in 5% $HNO_3$

**Agilent Part No:** 5190-8234

**Lot No:** 1410237

11531865

ID: ME_Zn_00017

Exp. 11/14/26 Prpd

Zinc

## Product Specifications

| Analyte | Matrix | Certified Concentration |
|---|---|---|
| Zn | 5% $HNO_3$ | 10,093 ± 110 µg/mL (w/v) |
| | | 9779 ± 106 µg/g (w/w) |

**Storage Conditions:** Store at Room Temperature (15°C to 30°C)

**Intended Use:** This solution is intended for use as a certified reference material or calibration standard for inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), x-ray fluorescence spectroscopy (XRF), and other techniques for elemental analysis.

**Certification & Traceability:** This CRM was manufactured under a quality management system that is accredited to **ISO 17034, ISO/IEC 17025**, and registered to **ISO 9001**. This CRM was prepared to a nominal concentration of 10000 µg/mL by gravimetric methods using an appropriate concentrate dissolved in high purity nitric acid ($HNO_3$) and diluted with ASTM Type I Water. The balances used in the preparation of this CRM are calibrated regularly with traceability to NIST. All volumetric dilutions are performed in Class A calibrated glassware. The certified concentration and uncertainty were determined using the "High Performance ICP-OES" protocol developed by NIST and both the certified concentration and uncertainty values are traceable to NIST SRM 3168a, lot #120629. The uncertainty associated with the certified concentration represents the expanded uncertainty at the 95% confidence level using a coverage factor of k=2.

**Uncertified Values:** Agilent ICP-MS was used to determine trace metal concentrations for this product (nd = not determined).

**Trace Concentrations (µg/L)**

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ag | <5 | Co | <10 | Ge | <5 | Lu | <2 | P | <1000 | Sb | <5 | Te | <10 |
| Al | <20 | Cs | <5 | Hf | <2 | Mg | <50 | Pb | <10 | Sc | <50 | Ti | <20 |
| As | <20 | Cr | <5 | Hg | <5 | Mn | <10 | Pd | <5 | Se | <20 | Tl | <5 |
| Au | <5 | Cu | <10 | Ho | <2 | Mo | <5 | Pr | <2 | Si | <1000 | Tm | <2 |
| B | <50 | Dy | <2 | In | nd | Na | <250 | Pt | <5 | Sm | <2 | V | <10 |
| Ba | <10 | Er | <2 | Ir | <2 | Nb | <5 | Rb | <5 | Sn | <5 | W | <5 |
| Bi | <2 | Eu | <2 | K | <250 | Nd | <2 | Re | <2 | Sr | <10 | Y | <5 |
| Ca | <250 | Fe | <100 | La | <5 | Ni | <20 | Rh | <5 | Ta | <5 | Yb | <2 |
| Cd | <5 | Ga | <5 | Li | <20 | Os | <5 | Ru | <5 | Tb | <5 | Zn | MAJOR |
| Ce | <2 | Gd | <2 | | | | | | | | | | |

**Instructions for Use:** Agilent recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. To achieve the highest accuracy the analyst should: (1) use only pre-cleaned containers and transferware, (2) avoid pipetting directly from the CRM's original container, (3) use a minimum sub-sample size of 500 µL, (4) make dilutions using calibrated balances or certified volumetric class A flasks and pipettes, (5) dilute to volume using the same matrix as the original CRM, and (6) never pour used product back into the original container. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Agilent

**Period of Validity**: Agilent ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

**Date of Release:**
30 November 2023

**Sample lot approver:**

Chuck Goudreau, Certifying Officer

**Date of Expiration:**
Earlier of 14 November 2026 or 12 Months from Date opened.

**Date Opened:** _____

Agilent

**Hazard Information:** Refer to the Safety Data Sheet (SDS), which can be obtained at www.agilent.com/chem/sds.

**Homogeneity:** This solution was determined to be homogeneous by procedures consistent with the requirements of ISO 17034 and ISO Guide 35. Replicate samples of the finished solution were analyzed to confirm its homogeneity, in accordance with QSP 6-13 Assessment of Homogeneity and Stability. To ensure homogeneity, users should not take a smaller sub-sample than specified in the Instructions for Use, as doing so will invalidate the certified values and uncertainties.

**Further Information:** Please contact Agilent for further information about this CRM.

**Quality Certifications:** This CRM was prepared under a quality management system that is:

- Registered to ISO 9001 – Quality Management Systems – Requirements (TUV NORD Cert. Reg. No. 44 100 16560231)
- Accredited to ISO 17034– General Requirements for the Competence of Reference Material Producers (A2LA Cert. No. 2848.02)
    - ISO 17034 references additional requirements specified in ISO Guide 31 and ISO Guide 35.
- Accredited to ISO/IEC 17025 – General Requirements for the Competence of Testing and Calibration Laboratories (A2LA Cert. No. 2848.01)
- LGC Standards, 276 Abby Road, Manchester, NH 03103

Reagent

# Mega Mix SS_00021

R2477

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/1/2 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 568718 **Lot No.:** A0207697

**Description :** 8260 Internal Standard 2014

8260 Internal Standard 2014 250-5,000µg/mL, P&T Methanol/Water (90:10), 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** February 28, 2029 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | tert-Butyl-d9-alcohol | 25725-11-5 | HJ-479 | 99% | 5,042.7 µg/mL | +/- 62.7252 |
| 2 | 2-Butanone-d5 | 24313-50-6 | M-276 | 99% | 1,258.3 µg/mL | +/- 15.6602 |
| 3 | Fluorobenzene | 462-06-6 | BCBZ5549 | 99% | 250.3 µg/mL | +/- 3.1239 |
| 4 | 1,4-Dioxane-d8 | 17647-74-4 | RP230605 | 99% | 5,042.0 µg/mL | +/- 62.7169 |
| 5 | Chlorobenzene-d5 | 3114-55-4 | PR-29571 | 99% | 250.7 µg/mL | +/- 3.1280 |
| 6 | 1,4-Dichlorobenzene-d4 | 3855-82-1 | PR-30447 | 99% | 250.7 µg/mL | +/- 3.1280 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol/Water (90:10)
**CAS #** 67-56-1/7732-18-5
**Purity** 99%

Reagent

# Mega Mix SS_00022

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2538

MS 8/20/24 # 11963397

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992.SEC **Lot No.:** A0195252

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2025 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7.SEC | F23X068 | 99% | 2,516.7 µg/mL | +/- 86.9644 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1.SEC | 18342 | 99% | 2,520.0 µg/mL | +/- 87.0795 |
| 3 | 1,1-Dichloroethene | 75-35-4.SEC | 13896500 | 99% | 2,525.0 µg/mL | +/- 87.2523 |
| 4 | tert-Butanol (TBA) | 75-65-0.SEC | DI34O | 99% | 25,129.5 µg/mL | +/- 868.3580 |
| 5 | Methyl acetate | 79-20-9.SEC | UCNEL | 99% | 5,029.0 µg/mL | +/- 173.7790 |
| 6 | Iodomethane (methyl iodide) | 74-88-4.SEC | Y25A027 | 99% | 2,521.7 µg/mL | +/- 87.1371 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1.SEC | RD210329 | 99% | 2,518.2 µg/mL | +/- 87.0162 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2.SEC | FGM02 | 99% | 2,516.7 µg/mL | +/- 86.9644 |
| 9 | Carbon disulfide | 75-15-0.SEC | MKBL1376V | 99% | 2,511.7 µg/mL | +/- 86.7916 |
| 10 | Acrylonitrile | 107-13-1.SEC | V54AD | 99% | 25,200.3 µg/mL | +/- 870.8057 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4.SEC | CDCQG | 99% | 2,517.3 µg/mL | +/- 86.9874 |
| 12 | cis-1,2-Dichloroethene | 156-59-2.SEC | YZO5O | 99% | 2,515.3 µg/mL | +/- 86.9183 |
| 13 | n-Hexane (C6) | 110-54-3.SEC | 10188491 | 99% | 2,514.7 µg/mL | +/- 86.8953 |
| 14 | 1,1-Dichloroethane | 75-34-3.SEC | 1026.30-3 | 98% | 2,512.6 µg/mL | +/- 86.8223 |
| 15 | 2,2-Dichloropropane | 594-20-7.SEC | GI01 | 99% | 2,521.5 µg/mL | +/- 87.1314 |
| 16 | trans-1,2-Dichloroethene | 156-60-5.SEC | L5QOH | 99% | 2,525.0 µg/mL | +/- 87.2523 |

Page 5357 of

| | | | | | | |
|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1.SEC PH2XK | 99% | 62,830.8 | µg/mL | +/- 2,171.1398 |
| 18 | Chloroform | 67-66-3.SEC 1297547 | 99% | 2,511.7 | µg/mL | +/- 86.7916 |
| 19 | Bromochloromethane | 74-97-5 * 230206JLM | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 20 | Tetrahydrofuran | 109-99-9.SEC 3NYHE | 99% | 5,018.5 | µg/mL | +/- 173.4162 |
| 21 | 1,1,1-Trichloroethane | 71-55-6.SEC 13891800 | 99% | 2,506.5 | µg/mL | +/- 86.6130 |
| 22 | Cyclohexane | 110-82-7.SEC YADRA | 99% | 2,523.3 | µg/mL | +/- 87.1947 |
| 23 | 1,1-Dichloropropene | 563-58-6.SEC 556500 | 99% | 2,520.5 | µg/mL | +/- 87.0968 |
| 24 | Carbon tetrachloride | 56-23-5.SEC 11466 | 99% | 2,520.5 | µg/mL | +/- 87.0968 |
| 25 | n-Heptane (C7) | 142-82-5.SEC TFHUC | 99% | 2,516.5 | µg/mL | +/- 86.9586 |
| 26 | 1,2-Dichloroethane | 107-06-2.SEC 00016165 | 99% | 2,519.8 | µg/mL | +/- 87.0738 |
| 27 | Benzene | 71-43-2.SEC 101960P29K | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 28 | Trichloroethene | 79-01-6.SEC H04X050 | 99% | 2,524.3 | µg/mL | +/- 87.2293 |
| 29 | Methylcyclohexane | 108-87-2.SEC Q02QG | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 30 | 1,2-Dichloropropane | 78-87-5.SEC ERRBI-RH | 99% | 2,516.8 | µg/mL | +/- 86.9701 |
| 31 | 1,4-Dioxane | 123-91-1.SEC QHRWO | 99% | 50,137.2 | µg/mL | +/- 1,732.5061 |
| 32 | Dibromomethane | 74-95-3.SEC MOKKJ | 99% | 2,516.3 | µg/mL | +/- 86.9528 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5.SEC ZLXJ-TJ | 99% | 2,502.8 | µg/mL | +/- 86.4863 |
| 34 | Toluene | 108-88-3.SEC YND2B-BD | 99% | 2,522.2 | µg/mL | +/- 87.1544 |
| 35 | Ethyl methacrylate | 97-63-2.SEC AQSPO | 99% | 2,510.8 | µg/mL | +/- 86.7628 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6.SEC DMSL | 98% | 2,517.1 | µg/mL | +/- 86.9804 |
| 37 | 1,1,2-Trichloroethane | 79-00-5.SEC 9245400 | 99% | 2,512.2 | µg/mL | +/- 86.8089 |
| 38 | 1,3-Dichloropropane | 142-28-9.SEC IQCON | 99% | 2,519.3 | µg/mL | +/- 87.0565 |
| 39 | Tetrachloroethene | 127-18-4.SEC F09W014 | 99% | 2,521.3 | µg/mL | +/- 87.1256 |
| 40 | Dibromochloromethane | 124-48-1.SEC 10234064 | 99% | 2,517.5 | µg/mL | +/- 86.9932 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4.SEC 050675P15E | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 42 | Chlorobenzene | 108-90-7.SEC 1161936 | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 43 | m-Xylene | 108-38-3.SEC 7ZV6F | 99% | 1,255.3 | µg/mL | +/- 43.3814 |
| 44 | p-Xylene | 106-42-3.SEC D6UOA | 99% | 1,260.3 | µg/mL | +/- 43.5541 |
| 45 | Ethylbenzene | 100-41-4.SEC PI4SE | 99% | 2,517.7 | µg/mL | +/- 86.9989 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6.SEC 13789800 | 99% | 2,517.5 | µg/mL | +/- 86.9932 |
| 47 | o-Xylene | 95-47-6.SEC UJ6RI | 99% | 2,515.8 | µg/mL | +/- 86.9356 |
| 48 | Styrene | 100-42-5.SEC QGQ7F | 99% | 2,521.3 | µg/mL | +/- 87.1256 |
| 49 | Isopropylbenzene (cumene) | 98-82-8.SEC 7P24L | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 50 | Bromoform | 75-25-2.SEC 13723500 | 99% | 2,522.5 | µg/mL | +/- 87.1659 |
| 51 | Bromodichloromethane | 75-27-4.SEC 28128 | 99% | 2,524.2 | µg/mL | +/- 87.2235 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5.SEC BCCD5088 | 99% | 2,523.7 | µg/mL | +/- 87.2063 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4.SEC 6V2ED | 99% | 2,522.2 | µg/mL | +/- 87.1544 |
| 54 | trans-1,4-Dichloro-2-butene | 110-57-6.SEC RD230316RSR | 96% | 2,517.0 | µg/mL | +/- 86.9745 |
| 55 | n-Propylbenzene | 103-65-1.SEC XCGEC | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 56 | Bromobenzene | 108-86-1.SEC 2FUHG-EM | 99% | 2,518.3 | µg/mL | +/- 87.0220 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8.SEC GI2SM | 99% | 2,514.3 | µg/mL | +/- 86.8837 |
| 58 | 2-Chlorotoluene | 95-49-8.SEC BRHPM | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 59 | 4-Chlorotoluene | 106-43-4.SEC S5SKD | 99% | 2,518.8 | µg/mL | +/- 87.0392 |
| 60 | tert-Butylbenzene | 98-06-6.SEC D6OHC | 99% | 2,522.0 | µg/mL | +/- 87.1487 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6.SEC JHZDD | 99% | 2,517.3 | µg/mL | +/- 86.9874 |
| 62 | sec-Butylbenzene | 135-98-8.SEC O4HRF | 99% | 2,522.0 | µg/mL | +/- 87.1487 |
| 63 | 4-Isopropyltoluene (p-cymene) | 99-87-6.SEC 13889300 | 98% | 2,518.1 | µg/mL | +/- 87.0142 |
| 64 | 1,3-Dichlorobenzene | 541-73-1.SEC ZA2ZI | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 65 | 1,4-Dichlorobenzene | 106-46-7.SEC J5GVD | 99% | 2,522.5 | µg/mL | +/- 87.1659 |
| 66 | n-Butylbenzene | 104-51-8.SEC MMPGA | 99% | 2,523.7 | µg/mL | +/- 87.2063 |
| 67 | 1,2-Dichlorobenzene | 95-50-1.SEC R6QDM | 99% | 2,512.0 | µg/mL | +/- 86.8031 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8.SEC Q135-105 | 99% | 2,517.7 | µg/mL | +/- 86.9989 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1.SEC IGLFA | 99% | 2,515.7 | µg/mL | +/- 86.9298 |
| 70 | Hexachlorobutadiene | 87-68-3.SEC 13889400 | 97% | 2,520.4 | µg/mL | +/- 87.0928 |
| 71 | Naphthalene | 91-20-3.SEC AM5NG | 99% | 2,520.0 | µg/mL | +/- 87.0795 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6.SEC A0043055 | 99% | 2,517.8 | µg/mL | +/- 87.0047 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

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Reagent

# Mega Mix_00042

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

MS 9/14/24 R2545 # 12023813

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992 **Lot No.:** A0203458

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7 | SHBQ1495 | 99% | 2,515.0 µg/mL | +/- 86.9068 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1 | 00016133 | 99% | 2,518.8 µg/mL | +/- 87.0364 |
| 3 | 1,1-dichloroethene | 75-35-4 | SHBG8609V | 99% | 2,516.3 µg/mL | +/- 86.9500 |
| 4 | tert-Butanol (TBA) | 75-65-0 | SHBQ8002 | 99% | 25,095.0 µg/mL | +/- 867.1659 |
| 5 | Methyl acetate | 79-20-9 | SHBP3100 | 99% | 5,016.4 µg/mL | +/- 173.3427 |
| 6 | Iodomethane (methyl iodide) | 74-88-4 | MKCN8012 | 99% | 2,517.4 µg/mL | +/- 86.9888 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1 | RD230914ECS | 99% | 2,515.9 µg/mL | +/- 86.9370 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2 | SHBQ6376 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 9 | Carbon disulfide | 75-15-0 | Q30J743 | 99% | 2,512.9 µg/mL | +/- 86.8333 |
| 10 | Acrylonitrile | 107-13-1 | 102466R02E | 99% | 25,031.9 µg/mL | +/- 864.9846 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4 | SHBP0179 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 12 | cis-1,2-Dichloroethene | 156-59-2 | MKCP7830 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 13 | n-Hexane (C6) | 110-54-3 | STBG6381 | 99% | 2,520.3 µg/mL | +/- 87.0882 |
| 14 | 1,1-Dichloroethane | 75-34-3 | 852900 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 15 | 2,2-Dichloropropane | 594-20-7 | RD230426 | 99% | 2,521.3 µg/mL | +/- 87.1227 |
| 16 | trans-1,2-Dichloroethene | 156-60-5 | MKCP9516 | 99% | 2,514.9 µg/mL | +/- 86.9025 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1 | SHBP7066 | 99% | 62,561.0 | µg/mL | +/- 2,161.8157 |
| 18 | chloroform | 67-66-3 | SHBN8469 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 19 | Bromochloromethane | 74-97-5 | 230810JLM | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 20 | Tetrahydrofuran | 109-99-9 | SHBQ8516 | 99% | 5,020.9 | µg/mL | +/- 173.4982 |
| 21 | 1,1,1-trichloroethane | 71-55-6 | RD230728RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 22 | Cyclohexane | 110-82-7 | MKCQ2001 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 23 | 1,1-Dichloropropene | 563-58-6 | 230825JLM | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 24 | carbon tetrachloride | 56-23-5 | SHBP4875 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |
| 25 | n-Heptane (C7) | 142-82-5 | 044743T01D | 99% | 2,515.4 | µg/mL | +/- 86.9197 |
| 26 | 1,2-Dichloroethane | 107-06-2 | SHBQ0693 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 27 | Benzene | 71-43-2 | MKCS3357 | 99% | 2,513.4 | µg/mL | +/- 86.8506 |
| 28 | Trichloroethene | 79-01-6 | SHBN3720 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 29 | Methylcyclohexane | 108-87-2 | SHBN1699 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 30 | 1,2-Dichloropropane | 78-87-5 | BCBR0882V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 31 | 1,4-Dioxane | 123-91-1 | SHBQ2407 | 99% | 50,131.4 | µg/mL | +/- 1,732.3059 |
| 32 | Dibromomethane | 74-95-3 | 10233302 | 99% | 2,514.6 | µg/mL | +/- 86.8938 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5 | RD230406RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 34 | Toluene | 108-88-3 | MKCS9989 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 35 | Ethyl methacrylate | 97-63-2 | MKCN6206 | 97% | 2,508.3 | µg/mL | +/- 86.6752 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6 | RD220816 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 37 | 1,1,2-Trichloroethane | 79-00-5 | FGB01 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 38 | 1,3-Dichloropropane | 142-28-9 | BCCH5357 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 39 | Tetrachloroethene | 127-18-4 | SHBQ0051 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 40 | dibromochloromethane | 124-48-1 | MKCQ4517 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4 | BCCH7113 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 42 | Chlorobenzene | 108-90-7 | SHBN6640 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 43 | m-Xylene | 108-38-3 | SHBN6673 | 99% | 1,254.8 | µg/mL | +/- 43.3584 |
| 44 | p-Xylene | 106-42-3 | SHBP5191 | 99% | 1,257.0 | µg/mL | +/- 43.4361 |
| 45 | Ethylbenzene | 100-41-4 | 094632L21G | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6 | GC01 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 47 | o-Xylene | 95-47-6 | 50069309 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 48 | Styrene | 100-42-5 | MKCQ3390 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 49 | Isopropylbenzene (cumene) | 98-82-8 | Z20D022 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 50 | bromoform | 75-25-2 | 050494L04R | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 51 | bromodichloromethane | 75-27-4 | MKCF8470 | 99% | 2,512.5 | µg/mL | +/- 86.8204 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5 | QQJ41 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4 | Q91-34 | 98% | 2,513.5 | µg/mL | +/- 86.8534 |
| 54 | trans-1,4-dichloro-2-butene | 110-57-6 | RD230720RSR | 94% | 2,504.7 | µg/mL | +/- 86.5525 |
| 55 | n-Propylbenzene | 103-65-1 | G08M | 98% | 2,511.4 | µg/mL | +/- 86.7814 |
| 56 | Bromobenzene | 108-86-1 | MKCQ7174 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8 | BCCF4166 | 99% | 2,513.8 | µg/mL | +/- 86.8636 |
| 58 | 2-Chlorotoluene | 95-49-8 | 235783M23T | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 59 | 4-Chlorotoluene | 106-43-4 | BCCG9286 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 60 | tert-Butylbenzene | 98-06-6 | STBJ1937 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6 | MKCS3775 | 99% | 2,515.9 | µg/mL | +/- 86.9370 |
| 62 | sec-Butylbenzene | 135-98-8 | MKCP2266 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 63 | p-Isopropyltoluene (p-Cymene) | 99-87-6 | MKCR6143 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 64 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 65 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 66 | n-Butylbenzene | 104-51-8 | 09418JJ | 99% | 2,514.5 | µg/mL | +/- 86.8895 |
| 67 | 1,2-Dichlorobenzene | 95-50-1 | SHBN3835 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8 | HBMVB | 97% | 2,510.4 | µg/mL | +/- 86.7464 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 70 | Hexachlorobutadiene | 87-68-3 | RP230823RSR | 98% | 2,510.0 | µg/mL | +/- 86.7349 |
| 71 | Naphthalene | 91-20-3 | STBL1057 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6 | MKBX7627V | 99% | 2,514.1 | µg/mL | +/- 86.8765 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

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Reagent

# Mega Mix_00043

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

MS 1/3/25 R 2576 #12275361

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571992 **Lot No.:** A0203458

**Description :** 8260 List 1 / Std #1 MegaMix (2017)

8260 List 1 / Std #1 MegaMix (2017) 1,250-62,500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Diethyl ether (ethyl ether) | 60-29-7 | SHBQ1495 | 99% | 2,515.0 µg/mL | +/- 86.9068 |
| 2 | 1,1,2-Trichlorotrifluoroethane (CFC-113) | 76-13-1 | 00016133 | 99% | 2,518.8 µg/mL | +/- 87.0364 |
| 3 | 1,1-dichloroethene | 75-35-4 | SHBG8609V | 99% | 2,516.3 µg/mL | +/- 86.9500 |
| 4 | tert-Butanol (TBA) | 75-65-0 | SHBQ8002 | 99% | 25,095.0 µg/mL | +/- 867.1659 |
| 5 | Methyl acetate | 79-20-9 | SHBP3100 | 99% | 5,016.4 µg/mL | +/- 173.3427 |
| 6 | Iodomethane (methyl iodide) | 74-88-4 | MKCN8012 | 99% | 2,517.4 µg/mL | +/- 86.9888 |
| 7 | Allyl chloride ( 3-chloropropene ) | 107-05-1 | RD230914ECS | 99% | 2,515.9 µg/mL | +/- 86.9370 |
| 8 | Methylene chloride (dichloromethane) | 75-09-2 | SHBQ6376 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 9 | Carbon disulfide | 75-15-0 | Q30J743 | 99% | 2,512.9 µg/mL | +/- 86.8333 |
| 10 | Acrylonitrile | 107-13-1 | 102466R02E | 99% | 25,031.9 µg/mL | +/- 864.9846 |
| 11 | Methyl-tert-butyl ether ( MTBE ) | 1634-04-4 | SHBP0179 | 99% | 2,513.8 µg/mL | +/- 86.8636 |
| 12 | cis-1,2-Dichloroethene | 156-59-2 | MKCP7830 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 13 | n-Hexane (C6) | 110-54-3 | STBG6381 | 99% | 2,520.3 µg/mL | +/- 87.0882 |
| 14 | 1,1-Dichloroethane | 75-34-3 | 852900 | 99% | 2,514.0 µg/mL | +/- 86.8722 |
| 15 | 2,2-Dichloropropane | 594-20-7 | RD230426 | 99% | 2,521.3 µg/mL | +/- 87.1227 |
| 16 | trans-1,2-Dichloroethene | 156-60-5 | MKCP9516 | 99% | 2,514.9 µg/mL | +/- 86.9025 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 17 | Isobutanol (2-Methyl-1-propanol) | 78-83-1 | SHBP7066 | 99% | 62,561.0 | µg/mL | +/- 2,161.8157 |
| 18 | chloroform | 67-66-3 | SHBN8469 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 19 | Bromochloromethane | 74-97-5 | 230810JLM | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 20 | Tetrahydrofuran | 109-99-9 | SHBQ8516 | 99% | 5,020.9 | µg/mL | +/- 173.4982 |
| 21 | 1,1,1-trichloroethane | 71-55-6 | RD230728RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 22 | Cyclohexane | 110-82-7 | MKCQ2001 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 23 | 1,1-Dichloropropene | 563-58-6 | 230825JLM | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 24 | carbon tetrachloride | 56-23-5 | SHBP4875 | 99% | 2,513.0 | µg/mL | +/- 86.8377 |
| 25 | n-Heptane (C7) | 142-82-5 | 044743T01D | 99% | 2,515.4 | µg/mL | +/- 86.9197 |
| 26 | 1,2-Dichloroethane | 107-06-2 | SHBQ0693 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 27 | Benzene | 71-43-2 | MKCS3357 | 99% | 2,513.4 | µg/mL | +/- 86.8506 |
| 28 | Trichloroethene | 79-01-6 | SHBN3720 | 99% | 2,513.6 | µg/mL | +/- 86.8593 |
| 29 | Methylcyclohexane | 108-87-2 | SHBN1699 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 30 | 1,2-Dichloropropane | 78-87-5 | BCBR0882V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 31 | 1,4-Dioxane | 123-91-1 | SHBQ2407 | 99% | 50,131.4 | µg/mL | +/- 1,732.3059 |
| 32 | Dibromomethane | 74-95-3 | 10233302 | 99% | 2,514.6 | µg/mL | +/- 86.8938 |
| 33 | cis-1,3-Dichloropropene | 10061-01-5 | RD230406RSR | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 34 | Toluene | 108-88-3 | MKCS9989 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 35 | Ethyl methacrylate | 97-63-2 | MKCN6206 | 97% | 2,508.3 | µg/mL | +/- 86.6752 |
| 36 | trans-1,3-Dichloropropene | 10061-02-6 | RD220816 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 37 | 1,1,2-Trichloroethane | 79-00-5 | FGB01 | 99% | 2,513.5 | µg/mL | +/- 86.8549 |
| 38 | 1,3-Dichloropropane | 142-28-9 | BCCH5357 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 39 | Tetrachloroethene | 127-18-4 | SHBQ0051 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 40 | dibromochloromethane | 124-48-1 | MKCQ4517 | 99% | 2,512.9 | µg/mL | +/- 86.8333 |
| 41 | 1,2-Dibromoethane (EDB) | 106-93-4 | BCCH7113 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 42 | Chlorobenzene | 108-90-7 | SHBN6640 | 99% | 2,515.0 | µg/mL | +/- 86.9068 |
| 43 | m-Xylene | 108-38-3 | SHBN6673 | 99% | 1,254.8 | µg/mL | +/- 43.3584 |
| 44 | p-Xylene | 106-42-3 | SHBP5191 | 99% | 1,257.0 | µg/mL | +/- 43.4361 |
| 45 | Ethylbenzene | 100-41-4 | 094632L21G | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 46 | 1,1,1,2-Tetrachloroethane | 630-20-6 | GC01 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 47 | o-Xylene | 95-47-6 | 50069309 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 48 | Styrene | 100-42-5 | MKCQ3390 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 49 | Isopropylbenzene (cumene) | 98-82-8 | Z20D022 | 99% | 2,514.1 | µg/mL | +/- 86.8765 |
| 50 | bromoform | 75-25-2 | 050494L04R | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 51 | bromodichloromethane | 75-27-4 | MKCF8470 | 99% | 2,512.5 | µg/mL | +/- 86.8204 |
| 52 | 1,1,2,2-Tetrachloroethane | 79-34-5 | QQJ41 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 53 | 1,2,3-Trichloropropane | 96-18-4 | Q91-34 | 98% | 2,513.5 | µg/mL | +/- 86.8534 |
| 54 | trans-1,4-dichloro-2-butene | 110-57-6 | RD230720RSR | 94% | 2,504.7 | µg/mL | +/- 86.5525 |
| 55 | n-Propylbenzene | 103-65-1 | G08M | 98% | 2,511.4 | µg/mL | +/- 86.7814 |
| 56 | Bromobenzene | 108-86-1 | MKCQ7174 | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 57 | 1,3,5-Trimethylbenzene | 108-67-8 | BCCF4166 | 99% | 2,513.8 | µg/mL | +/- 86.8636 |
| 58 | 2-Chlorotoluene | 95-49-8 | 235783M23T | 99% | 2,514.8 | µg/mL | +/- 86.8981 |
| 59 | 4-Chlorotoluene | 106-43-4 | BCCG9286 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 60 | tert-Butylbenzene | 98-06-6 | STBJ1937 | 99% | 2,514.0 | µg/mL | +/- 86.8722 |
| 61 | 1,2,4-Trimethylbenzene | 95-63-6 | MKCS3775 | 99% | 2,515.9 | µg/mL | +/- 86.9370 |
| 62 | sec-Butylbenzene | 135-98-8 | MKCP2266 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 63 | p-Isopropyltoluene (p-Cymene) | 99-87-6 | MKCR6143 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 64 | 1,3-Dichlorobenzene | 541-73-1 | BCCD5315 | 99% | 2,515.3 | µg/mL | +/- 86.9154 |
| 65 | 1,4-Dichlorobenzene | 106-46-7 | MKBS7929V | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 66 | n-Butylbenzene | 104-51-8 | 09418JJ | 99% | 2,514.5 | µg/mL | +/- 86.8895 |
| 67 | 1,2-Dichlorobenzene | 95-50-1 | SHBN3835 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 68 | 1,2-Dibromo-3-chloropropane | 96-12-8 | HBMVB | 97% | 2,510.4 | µg/mL | +/- 86.7464 |
| 69 | 1,2,4-Trichlorobenzene | 120-82-1 | SHBP5900 | 99% | 2,514.9 | µg/mL | +/- 86.9025 |
| 70 | Hexachlorobutadiene | 87-68-3 | RP230823RSR | 98% | 2,510.0 | µg/mL | +/- 86.7349 |
| 71 | Naphthalene | 91-20-3 | STBL1057 | 99% | 2,514.3 | µg/mL | +/- 86.8809 |
| 72 | 1,2,3-Trichlorobenzene | 87-61-6 | MKBX7627V | 99% | 2,514.1 | µg/mL | +/- 86.8765 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

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# Reagent

# OP_AROCLOR_00022

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32039 **Lot No.:** A0194496

**Description :** Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2029 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1016 | 12674-11-2 | 4 | ----% | 1,006.3 µg/mL | +/- 55.8274 |
| 2 | Aroclor 1260 | 11096-82-5 | 1320657 | ----% | 1,005.0 µg/mL | +/- 55.7581 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

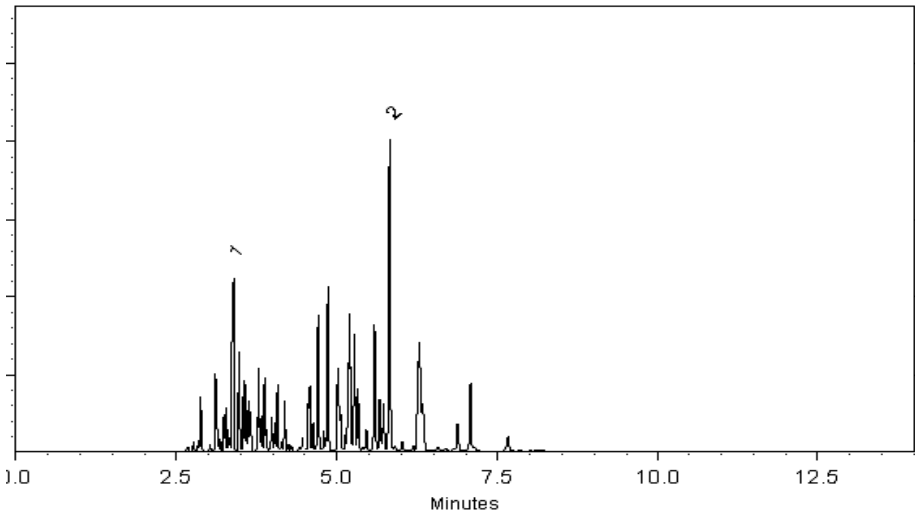
**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
10 ml/min.

**Inj. Vol**
0.2µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

**Date Mixed:** 09-Feb-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 14-Feb-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# OP_MEGA_2017_00016

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

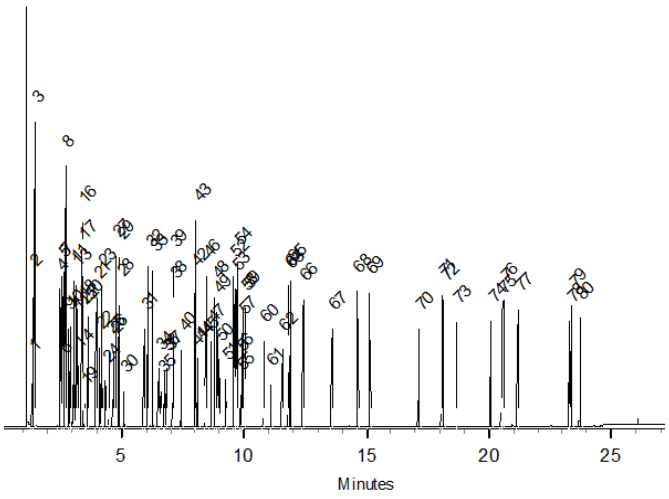
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# OP_MIREX_00023

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**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

| | | | |
|---|---|---|---|
| **Product Name:** | Mirex Standard | **Lot Number:** | 0006795799 |
| **Product Number:** | PST-720M1000 | **Lot Issue Date:** | 03-May-2024 |
| **Storage Conditions:** | Store at Room Temperature (15° to 30°C). | **Expiration Date:** | 30-Jun-2026 |

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| mirex | 1004 | ± | 5 µg/mL | 002385-85-5 | RM18434 |

**Matrix:** methanol (methyl alcohol)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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Trusted Answers

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

Reagent

# OP_std #1_BNA_00015

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569730.SEC **Lot No.:** A020147867

**Description :** 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2025 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Benzidine | 2,013.5 µg/mL | +/- 11.8163 | µg/mL | Gravimetric |
| | **CAS #** 92-87-5.SEC (Lot 8616600) | | +/- 24.1230 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.3399 | µg/mL | Stressed |
| 2 | 3,3'-Dichlorobenzidine | 2,000.0 µg/mL | +/- 11.7371 | µg/mL | Gravimetric |
| | **CAS #** 91-94-1.SEC (Lot 8490800) | | +/- 23.9613 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.0829 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

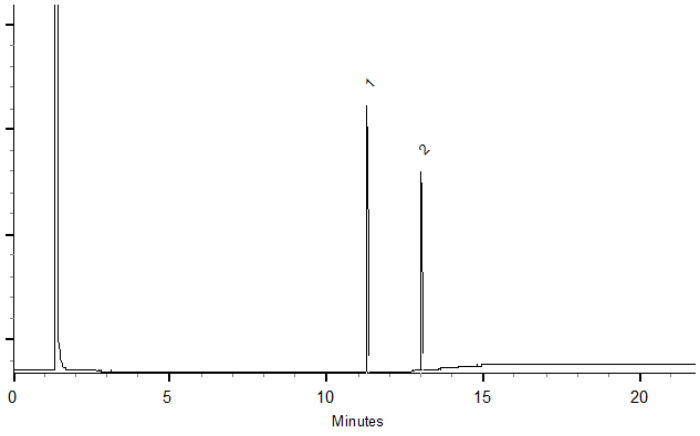
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 30-Mar-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# OPOrgnCPST_00016

# Reference Standard Data Pack

## Organochlorine Pesticide Mix AB #3

Catalog # 32415

Lot # A0191723

110 Benner Circle Bellefonte, PA 16823-8812
1-814-353-1300 1-800-356-1688
www.restek.com

**FOR LABORATORY USE ONLY. READ SDS PRIOR TO USE.**

**RAW MATERIAL TEST INFORMATION AVAILABLE UPON REQUEST**

**MANUFACTURED UNDER RESTEK'S ISO 9001 REGISTERED QUALITY SYSTEM**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32415 **Lot No.:** A0191723

**Description :** Organochlorine Pesticide Mix AB #3

Organochlorine Pesticide Mix AB #3 2,000 µg/mL, Hexane/Toluene ( 50:50), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** March 31, 2027 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | alpha-BHC | 319-84-6 | 13631200 | 99% | 2,001.8 µg/mL | +/- 89.4586 |
| 2 | gamma-BHC (Lindane) | 58-89-9 | 12918800 | 99% | 2,001.8 µg/mL | +/- 89.4563 |
| 3 | beta-BHC | 319-85-7 | 0588007-4 | 99% | 2,004.3 µg/mL | +/- 89.5703 |
| 4 | delta-BHC | 319-86-8 | 12721300 | 99% | 2,002.6 µg/mL | +/- 89.4921 |
| 5 | Heptachlor | 76-44-8 | 803759 | 99% | 2,001.9 µg/mL | +/- 89.4608 |
| 6 | Aldrin | 309-00-2 | 13491300 | 99% | 2,002.7 µg/mL | +/- 89.4966 |
| 7 | Heptachlor epoxide (isomer B) | 1024-57-3 | 13823700 | 99% | 2,003.1 µg/mL | +/- 89.5144 |
| 8 | trans-Chlordane | 5103-74-2 | 32844 | 99% | 2,002.8 µg/mL | +/- 89.5033 |
| 9 | cis-Chlordane | 5103-71-9 | 31707 | 99% | 2,003.1 µg/mL | +/- 89.5167 |
| 10 | Endosulfan I | 959-98-8 | BCCF4060 | 99% | 2,002.7 µg/mL | +/- 89.4988 |
| 11 | 4,4'-DDE | 72-55-9 | GHYQG | 99% | 2,001.8 µg/mL | +/- 89.4563 |
| 12 | Dieldrin | 60-57-1 | 13631000 | 99% | 2,003.6 µg/mL | +/- 89.5390 |
| 13 | Endrin | 72-20-8 | 13657300 | 99% | 2,002.6 µg/mL | +/- 89.4921 |
| 14 | 4,4'-DDD | 72-54-8 | HAN02 | 99% | 2,002.2 µg/mL | +/- 89.4742 |
| 15 | Endosulfan II | 33213-65-9 | 13625800 | 99% | 2,002.6 µg/mL | +/- 89.4943 |
| 16 | Endrin aldehyde | 7421-93-4 | 30720 | 99% | 2,004.5 µg/mL | +/- 89.5770 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 17 | 4,4'-DDT | 50-29-3 | 221025JLM | 99% | 2,002.3 | µg/mL | +/- | 89.4809 |
| 18 | Endosulfan sulfate | 1031-07-8 | BCCH9010 | 99% | 2,002.6 | µg/mL | +/- | 89.4921 |
| 19 | Methoxychlor | 72-43-5 | 13494600 | 97% | 2,000.6 | µg/mL | +/- | 89.4061 |
| 20 | Endrin ketone | 53494-70-5 | 1-ABS-16-7 | 98% | 2,004.1 | µg/mL | +/- | 89.5614 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Hexane/Toluene (50:50)
**CAS #** 110-54-3/108-88-3
**Purity** 99%

## Quality Confirmation Test

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
150°C to 300°C
@ 4°C/min. ( hold 5 min.)

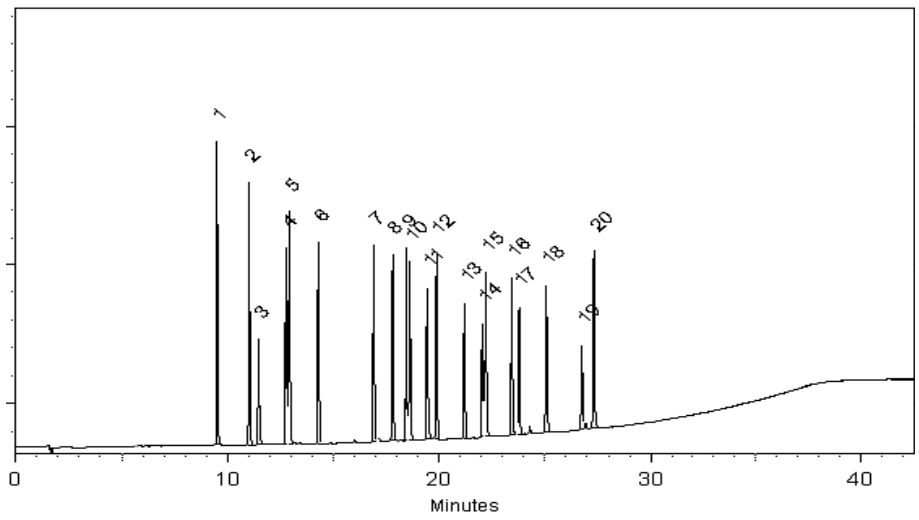
**Inj. Temp:**
200°C

**Det. Temp:**
300°C

**Det. Type:**
ECD

**Split Vent:**
Split ratio 280:1

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 16-Nov-2022 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 22-Dec-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

**Reference Material Batch Record**
Lot #: A0191723

| | | |
|---|---|---|
| **Catalog #:** 32415 | **Target:** 2000 ug/mL | |
| **Description:** Organochlorine Pesticide Mix AB #3 | | |
| **Solvent:** Hexane/Toluene (50:50) | **Solvent Lot:** 22B0762006/ED097-US | **Final Volume:** 200 ml |

| | | | |
|---|---|---|---|
| **Made by:** Penelope Riglin | **Date:** 11/17/2022 1:05:01AM | | |
| **Tested by:** Jarrod Hendricks | **Date:** 11/18/2022 1:16:08PM | | |
| Pass | **By:** Jennifer Pollino | **Date:** 12/22/2022 6:56:48AM | |
| **Packaged by:** Penelope Riglin / John Friedline | **Date:** 11/17/2022 7:58:16A | **No. Units:** 128 | **Pkg Size:** 1 mL |
| **Balance Used:** BEDE001735 XP205 | **Serial #:** 1128360905 | | |

| Compound | CAS | Storage Location | Lot # | Purity | Target Conc(ug/mL) | Target | Actual | Calc Conc(ug/mL) |
|---|---|---|---|---|---|---|---|---|
| Endrin | 72-20-8 | F0067 | 13657300 | 0.99 | 2,000.00 | 400.00 mg | 400.51 mg | 2,002.6 |
| alpha-BHC | 319-84-6 | R0476 | 13631200 | 0.99 | 2,000.00 | 400.00 mg | 400.36 mg | 2,001.8 |
| beta-BHC | 319-85-7 | R0477 | 0588007-4 | 0.99 | 2,000.00 | 400.00 mg | 400.86 mg | 2,004.3 |
| delta-BHC | 319-86-8 | R0478 | 12721300 | 0.99 | 2,000.00 | 400.00 mg | 400.51 mg | 2,002.6 |
| 4,4'-DDD | 72-54-8 | R0481 | HAN02 | 0.99 | 2,000.00 | 400.00 mg | 400.43 mg | 2,002.2 |
| 4,4'-DDE | 72-55-9 | R0482 | GHYQG | 0.99 | 2,000.00 | 400.00 mg | 400.35 mg | 2,001.8 |
| 4,4'-DDT | 50-29-3 | R0483 | 221025JLM | 0.99 | 2,000.00 | 400.00 mg | 400.46 mg | 2,002.3 |
| Aldrin | 309-00-2 | R0498 | 13491300 | 0.99 | 2,000.00 | 400.00 mg | 400.53 mg | 2,002.7 |
| Dieldrin | 60-57-1 | R0509 | 13631000 | 0.99 | 2,000.00 | 400.00 mg | 400.72 mg | 2,003.6 |
| Endosulfan I | 959-98-8 | R0511 | BCCF4060 | 0.99 | 2,000.00 | 400.00 mg | 400.54 mg | 2,002.7 |
| Endosulfan II | 33213-65-9 | R0512 | 13625800 | 0.99 | 2,000.00 | 400.00 mg | 400.52 mg | 2,002.6 |
| Endosulfan sulfate | 1031-07-8 | R0513 | BCCH9010 | 0.99 | 2,000.00 | 400.00 mg | 400.51 mg | 2,002.6 |
| Heptachlor | 76-44-8 | R0516 | 803759 | 0.99 | 2,000.00 | 400.00 mg | 400.37 mg | 2,001.9 |
| gamma-BHC (Lindane) | 58-89-9 | R0522 | 12918800 | 0.99 | 2,000.00 | 400.00 mg | 400.35 mg | 2,001.8 |
| Methoxychlor | 72-43-5 | R0523 | 13494600 | 0.97 | 2,000.00 | 412.37 mg | 412.50 mg | 2,000.6 |
| Heptachlor epoxide (isomer B) | 1024-57-3 | R0538 | 13823700 | 0.99 | 2,000.00 | 400.00 mg | 400.61 mg | 2,003.1 |
| Endrin ketone | 53494-70-5 | R0634 | 1-ABS-16-7 | 0.98 | 2,000.00 | 408.16 mg | 409.00 mg | 2,004.1 |
| trans-Chlordane | 5103-74-2 | R0643 | 32844 | 0.99 | 2,000.00 | 400.00 mg | 400.56 mg | 2,002.8 |
| cis-Chlordane | 5103-71-9 | R0644 | 31707 | 0.99 | 2,000.00 | 400.00 mg | 400.62 mg | 2,003.1 |
| Endrin aldehyde | 7421-93-4 | R0724 | 30720 | 0.99 | 2,000.00 | 400.00 mg | 400.89 mg | 2,004.5 |

## QA Report: Organochlorine Pesticide Mix AB #3 (Cat#32415)

| | Runs of Lot # A0146108 (Cat.#32415.SEC) | | | | | | Runs of Lot # A0191723 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| COMPONENT | Run #1 | Run #2 | Run #3 | AVG | STD DEV | % RSD | Run #1 | Run #2 | Run #3 | AVG | STD DEV | % RSD | %D MEAN | P/F |
| alpha-BHC | 3174663 | 3101905 | 3045308 | 3107292 | 64846 | 2.09 | 3183124 | 3191960 | 3164632 | 3179905 | 13945 | 0.44 | -2.34 | PASS |
| gamma-BHC (Lindane) | 3032641 | 2982677 | 2914136 | 2976485 | 59495 | 2.00 | 2994752 | 2993714 | 3000780 | 2996415 | 3815 | 0.13 | -0.67 | PASS |
| beta-BHC | 1430060 | 1394911 | 1373116 | 1399362 | 28732 | 2.05 | 1401046 | 1413295 | 1393058 | 1402466 | 10193 | 0.73 | -0.22 | PASS |
| delta-BHC | 2690804 | 2636861 | 2585432 | 2637699 | 52691 | 2.00 | 2695279 | 2706406 | 2707246 | 2702977 | 6680 | 0.25 | -2.47 | PASS |
| Heptachlor | 3235603 | 3213124 | 3167768 | 3205498 | 34554 | 1.08 | 3315871 | 3274832 | 3316253 | 3302319 | 23805 | 0.72 | -3.02 | PASS |
| Aldrin | 2980076 | 2943097 | 2896326 | 2939833 | 41970 | 1.43 | 2965496 | 2980511 | 2964507 | 2970171 | 8968 | 0.30 | -1.03 | PASS |
| Heptachlor epoxide (isomer B) | 2828985 | 2799300 | 2751788 | 2793358 | 38940 | 1.39 | 2833546 | 2844297 | 2848756 | 2842200 | 7819 | 0.28 | -1.75 | PASS |
| trans-Chlordane | 2809902 | 2796707 | 2758017 | 2788209 | 26966 | 0.97 | 2800013 | 2815783 | 2803182 | 2806326 | 8342 | 0.30 | -0.65 | PASS |
| cis-Chlordane | 2791993 | 2767893 | 2720621 | 2760169 | 36308 | 1.32 | 2805367 | 2804318 | 2799074 | 2802920 | 3371 | 0.12 | -1.55 | PASS |
| Endosulfan I | 2633327 | 2615440 | 2566091 | 2604953 | 34823 | 1.34 | 2631518 | 2628250 | 2626490 | 2628753 | 2551 | 0.10 | -0.91 | PASS |
| 4,4'-DDE | 2414134 | 2404803 | 2350605 | 2389847 | 34304 | 1.44 | 2440410 | 2420209 | 2417107 | 2425909 | 12654 | 0.52 | -1.51 | PASS |
| Dieldrin | 2675292 | 2652070 | 2600342 | 2642568 | 38368 | 1.45 | 2679223 | 2681581 | 2688823 | 2683209 | 5003 | 0.19 | -1.54 | PASS |
| Endrin | 1996836 | 2017051 | 1998152 | 2004013 | 11310 | 0.56 | 2006518 | 2018354 | 2026810 | 2017227 | 10193 | 0.51 | -0.66 | PASS |
| 4,4'-DDD | 1852912 | 1827080 | 1782881 | 1820958 | 35415 | 1.94 | 1859364 | 1863676 | 1869643 | 1864228 | 5162 | 0.28 | -2.38 | PASS |
| Endosulfan II | 2619088 | 2565357 | 2542968 | 2575804 | 39121 | 1.52 | 2621101 | 2603096 | 2605701 | 2609966 | 9731 | 0.37 | -1.33 | PASS |
| Endrin aldehyde | 2371538 | 2361371 | 2305833 | 2346247 | 35367 | 1.51 | 2393730 | 2393152 | 2407340 | 2398074 | 8030 | 0.33 | -2.21 | PASS |
| 4,4'-DDT | 2124706 | 2108841 | 2082178 | 2105242 | 21491 | 1.02 | 1985509 | 1992375 | 1994146 | 1990677 | 4562 | 0.23 | 5.44 | PASS |
| Endosulfan sulfate | 2378974 | 2338363 | 2315961 | 2344433 | 31942 | 1.36 | 2396497 | 2385781 | 2418068 | 2400115 | 16445 | 0.69 | -2.38 | PASS |
| Methoxychlor | 1392771 | 1362274 | 1345836 | 1366960 | 23816 | 1.74 | 1444213 | 1442836 | 1454836 | 1447295 | 6567 | 0.45 | -5.88 | PASS |
| Endrin ketone | 2899601 | 2820759 | 2752239 | 2824200 | 73741 | 2.61 | 2847383 | 2830157 | 2830678 | 2836073 | 9798 | 0.35 | -0.42 | PASS |

# Reagent

# OPPESTsurr_00011

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Fax: (814)353-1309

www.restek.com

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32457 **Lot No.:** A0167624

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200µg/mL, Acetone, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** March 31, 2027 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 199.9 µg/mL | +/- 1.1794 µg/mL | Gravimetric |
| | **CAS #** 877-09-8 (Lot 0052481) | | +/- 6.3374 µg/mL | Unstressed |
| | **Purity** 98% | | +/- 8.2781 µg/mL | Stressed |
| 2 | Decachlorobiphenyl (BZ# 209) | 201.2 µg/mL | +/- 1.1869 µg/mL | Gravimetric |
| | **CAS #** 2051-24-3 (Lot ER071509-01) | | +/- 6.3780 µg/mL | Unstressed |
| | **Purity** 99% | | +/- 8.3311 µg/mL | Stressed |

**Solvent:** Acetone
**CAS #** 67-64-1
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

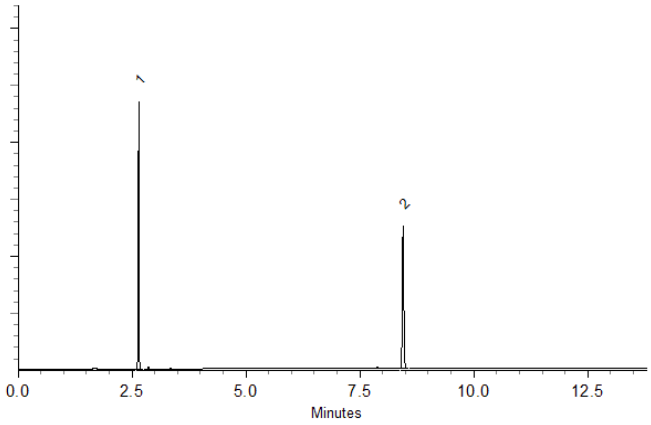
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 29-Dec-2020 **Balance:** 1127510105

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 05-Jan-2021

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# PESTSURR2nd_00001

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Tel: (800)356-1688
Fax: (814)353-1309

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32457 **Lot No.:** A0167624

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200µg/mL, Acetone, 5mL/ampul

**Container Size :** 5 mL **Pkg Amt:** > 5 mL

**Expiration Date :** March 31, 2027 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 199.9 µg/mL | +/- 1.1794 | µg/mL Gravimetric |
| | **CAS #** 877-09-8 (Lot 0052481) | | +/- 6.3374 | µg/mL Unstressed |
| | **Purity** 98% | | +/- 8.2781 | µg/mL Stressed |
| 2 | Decachlorobiphenyl (BZ# 209) | 201.2 µg/mL | +/- 1.1869 | µg/mL Gravimetric |
| | **CAS #** 2051-24-3 (Lot ER071509-01) | | +/- 6.3780 | µg/mL Unstressed |
| | **Purity** 99% | | +/- 8.3311 | µg/mL Stressed |

**Solvent:** Acetone
**CAS #** 67-64-1
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

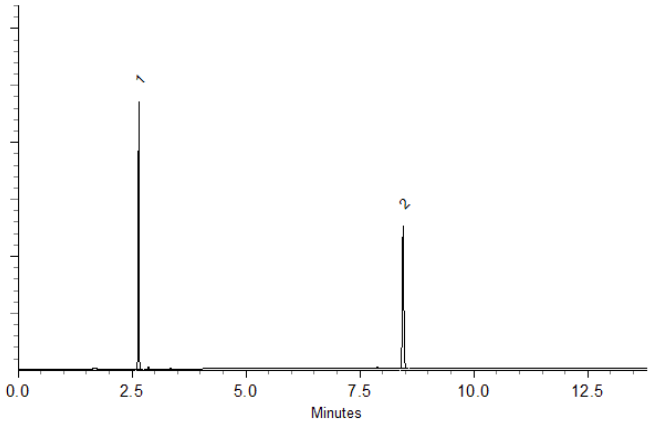
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 29-Dec-2020 **Balance:** 1127510105

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 05-Jan-2021

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# PESTSURRMIX_00011

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32000 **Lot No.:** A0150871

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2025 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use.

## CERTIFIED VALUES

| Elution Order | Compound | | Grav. Conc. (weight/volume) | | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | | 199.9 | µg/mL | +/- 1.1650 | µg/mL | Gravimetric |
| | **CAS #** 877-09-8 | (Lot 0052481) | | | +/- 6.3347 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- 8.2761 | µg/mL | Stressed |
| 2 | Decachlorobiphenyl (BZ# 209) | | 200.1 | µg/mL | +/- 1.1661 | µg/mL | Gravimetric |
| | **CAS #** 2051-24-3 | (Lot ER071509-01) | | | +/- 6.3404 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- 8.2836 | µg/mL | Stressed |

**Solvent:** Acetone
**CAS #** 67-64-1
**Purity** 99%

# Reagent

# PESTSURRMIX_00012

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# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32000 **Lot No.:** A0188903

**Description :** Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2028 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 200.4 µg/mL | +/- 1.1822 µg/mL | Gravimetric |
| | **CAS #** 877-09-8 (Lot RP220407) | | +/- 6.3526 µg/mL | Unstressed |
| | **Purity** 99% | | +/- 8.2980 µg/mL | Stressed |
| 2 | Decachlorobiphenyl (BZ# 209) | 200.0 µg/mL | +/- 1.1798 µg/mL | Gravimetric |
| | **CAS #** 2051-24-3 (Lot 30679) | | +/- 6.3399 µg/mL | Unstressed |
| | **Purity** 99% | | +/- 8.2814 µg/mL | Stressed |

**Solvent:** Acetone
**CAS #** 67-64-1
**Purity** 99%

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

$k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# POLAR ADD_00030

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# Certificate of Analysis

*chromatographic plus*

R2547

MS 9/14/24 #12023865

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571993 **Lot No.:** A0210249

**Description :** 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetonitrile | 75-05-8 | SHBR1054 | 99% | 25,019.2 µg/mL | +/- 409.1119 |
| 2 | Diisopropyl ether ( DIPE ) | 108-20-3 | STBK8028 | 99% | 2,512.4 µg/mL | +/- 41.0946 |
| 3 | Ethyl-tert-butyl ether (ETBE) | 637-92-3 | MKCT4522 | 98% | 2,519.0 µg/mL | +/- 41.2024 |
| 4 | Propionitrile | 107-12-0 | BCCH7430 | 99% | 25,234.4 µg/mL | +/- 412.6308 |
| 5 | tert-Amyl alcohol | 75-85-4 | STBK3485 | 99% | 25,096.4 µg/mL | +/- 410.3743 |
| 6 | tert-Amyl methyl ether (TAME) | 994-05-8 | HMBJ0825 | 99% | 2,517.2 µg/mL | +/- 41.1731 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

Page 5357 of

# Reagent

# POLAR ADD_00031

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# Certificate of Analysis

*chromatographic plus*

1/3/25 MS R2578 #12275363

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571993 **Lot No.:** A0210249

**Description :** 8260 List 3/ Std#1 Polar Additions (2017)

8260 List 3/ Std#1 Polar Additions (2017) 2,500-25,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 0°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Acetonitrile | 75-05-8 | SHBR1054 | 99% | 25,019.2 µg/mL | +/- 409.1119 |
| 2 | Diisopropyl ether ( DIPE ) | 108-20-3 | STBK8028 | 99% | 2,512.4 µg/mL | +/- 41.0946 |
| 3 | Ethyl-tert-butyl ether (ETBE) | 637-92-3 | MKCT4522 | 98% | 2,519.0 µg/mL | +/- 41.2024 |
| 4 | Propionitrile | 107-12-0 | BCCH7430 | 99% | 25,234.4 µg/mL | +/- 412.6308 |
| 5 | tert-Amyl alcohol | 75-85-4 | STBK3485 | 99% | 25,096.4 µg/mL | +/- 410.3743 |
| 6 | tert-Amyl methyl ether (TAME) | 994-05-8 | HMBJ0825 | 99% | 2,517.2 µg/mL | +/- 41.1731 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

# Reagent

# SG-1660-PCB_00006

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**Catalog No. :** 32039 **Lot No.:** A0167738

**Description :** Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2027 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

### CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Aroclor 1016 | 1,002.8 µg/mL | +/- 5.8435 µg/mL | Gravimetric |
| | **CAS #** 12674-11-2 (Lot 04) | | +/- 31.7735 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5109 µg/mL | Stressed |
| 2 | Aroclor 1260 | 1,004.5 µg/mL | +/- 5.8537 µg/mL | Gravimetric |
| | **CAS #** 11096-82-5 (Lot 07) | | +/- 31.8290 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5834 µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1221-PCB_00003

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32007 **Lot No.:** A0152666

**Description :** Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** December 31, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1221 | | 1,004.7 µg/mL | +/- 5.9674 | µg/mL | Gravimetric |
| | **CAS #** 11104-28-2 | (Lot 8041300) | | +/- 31.8552 | µg/mL | Unstressed |
| | **Purity** ----% | | | +/- 41.6063 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1221L4_00035

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32007 **Lot No.:** A0152666

**Description :** Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** December 31, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1221 | 1,004.7 µg/mL | +/- 5.9674 | µg/mL | Gravimetric |
| | **CAS #** 11104-28-2 (Lot 8041300) | | +/- 31.8552 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.6063 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1232-PCB_00003

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32008 **Lot No.:** A0154078

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1232 | 1,000.0 µg/mL | +/- 5.9397 | µg/mL | Gravimetric |
| | **CAS #** 11141-16-5 (Lot A7080363-01) | | +/- 31.7072 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4130 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1232L4_00037

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32008 **Lot No.:** A0154078

**Description :** Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** January 31, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1232 | 1,000.0 µg/mL | +/- 5.9397 | µg/mL | Gravimetric |
| | **CAS #** 11141-16-5 (Lot A7080363-01) | | +/- 31.7072 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4130 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1242-PCB_00003

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*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32009 **Lot No.:** A0156635

**Description :** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1242 | 1,000.7 µg/mL | +/- 5.9437 | µg/mL | Gravimetric |
| | **CAS #** 53469-21-9 (Lot 01141-A) | | +/- 31.7284 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4406 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1242L4_00037

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32009 **Lot No.:** A0156635

**Description :** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1242 | 1,000.7 µg/mL | +/- 5.9437 | µg/mL | Gravimetric |
| | **CAS #** 53469-21-9 (Lot 01141-A) | | +/- 31.7284 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4406 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1248-PCB_00003

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32010 **Lot No.:** A0152759

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** December 31, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1248 | | 1,003.0 µg/mL | +/- 5.8862 | µg/mL | Gravimetric |
| | **CAS #** 12672-29-6 | (Lot 7872900) | | +/- 31.7890 | µg/mL | Unstressed |
| | **Purity** ----% | | | +/- 41.5271 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1248L4_00036

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32010 **Lot No.:** A0152759

**Description :** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** December 31, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|
| 1 | Aroclor 1248 | | 1,003.0 µg/mL | +/- 5.8862 | µg/mL | Gravimetric |
| | **CAS #** 12672-29-6 | (Lot 7872900) | | +/- 31.7890 | µg/mL | Unstressed |
| | **Purity** ----% | | | +/- 41.5271 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

Reagent

# SG1254-PCB_00003

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32011 **Lot No.:** A0152362

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1254 | 1,002.8 µg/mL | +/- 5.8850 | µg/mL | Gravimetric |
| | **CAS #** 11097-69-1 (Lot 124-191-B) | | +/- 31.7827 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5188 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1254L4_00036

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32011 **Lot No.:** A0152362

**Description :** Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1254 | 1,002.8 µg/mL | +/- 5.8850 | µg/mL | Gravimetric |
| | **CAS #** 11097-69-1 (Lot 124-191-B) | | +/- 31.7827 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5188 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1262-PCB_00003

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32409 **Lot No.:** A0160426

**Description :** Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1262 | 998.0 µg/mL | +/- 7.0767 | µg/mL | Gravimetric |
| | **CAS #** 37324-23-5 (Lot 5428400) | | +/- 31.8790 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5105 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1262L4_00036

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32409 **Lot No.:** A0160426

**Description :** Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1262 | 998.0 µg/mL | +/- 7.0767 | µg/mL | Gravimetric |
| | **CAS #** 37324-23-5 (Lot 5428400) | | +/- 31.8790 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.5105 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1268-PCB_00003

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# CERTIFIED REFERENCE MATERIAL

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32410 **Lot No.:** A0161438

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1268 | 1,002.0 µg/mL | +/- 5.9516 | µg/mL | Gravimetric |
| | **CAS #** 11100-14-4 (Lot 2743900) | | +/- 31.7706 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4958 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1268L4_00036

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# CERTIFIED REFERENCE MATERIAL

## Certificate of Analysis

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32410 **Lot No.:** A0161438

**Description :** Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

**CERTIFIED VALUES**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1268 | 1,002.0 µg/mL | +/- 5.9516 | µg/mL | Gravimetric |
| | **CAS #** 11100-14-4 (Lot 2743900) | | +/- 31.7706 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.4958 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

# Reagent

# SG1660SecPCB_00005

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32039.SEC **Lot No.:** A0143130

**Description :** Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** February 28, 2025 **Storage:** 25°C nominal

**Handling:** This product contains PCBs.

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Aroclor 1016 | 1,010.0 µg/mL | +/- 5.9991 | µg/mL | Gravimetric |
| | **CAS #** 12674-11-2.SEC (Lot 129) | | +/- 32.0243 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.8271 | µg/mL | Stressed |
| 2 | Aroclor 1260 | 1,005.0 µg/mL | +/- 5.9694 | µg/mL | Gravimetric |
| | **CAS #** 11096-82-5.SEC (Lot 021-020-1A) | | +/- 31.8658 | µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.6201 | µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

Reagent

# SGCHLOR ICV_00004

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Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32021 **Lot No.:** A0188505

**Description :** Chlordane Standard

Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Chlordane | 1,000.0 µg/mL | +/- 5.9397 µg/mL | Gravimetric |
| | **CAS #** 57-74-9 (Lot 978545) | | +/- 31.7072 µg/mL | Unstressed |
| | **Purity** ----% 10% trans-Chlordane; 9% cis-Chlordane; 81% other isomers | | +/- 41.4130 µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

**Tech Tips:**

CAS #57-74-9 nomenclature is based on EPA method 8081B.

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

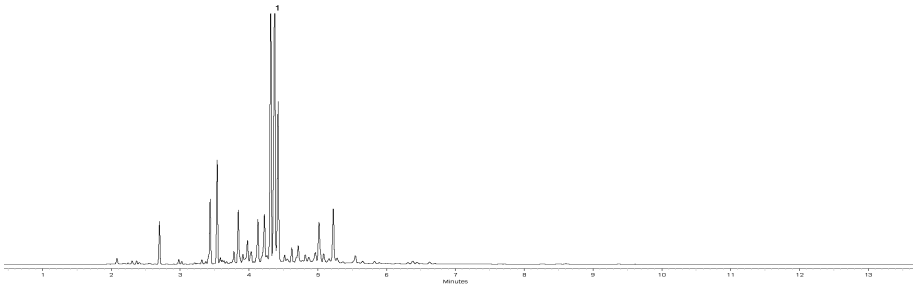
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

**Date Mixed:** 14-Aug-2022 **Balance:** B442140311

John Lidgett - AD Chemist

**Date Passed:** 16-Aug-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# SGCHLOR_00009

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32021 **Lot No.:** A0183419

**Description :** Chlordane Standard

Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** June 30, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Chlordane | 1,005.0 µg/mL | +/- 5.9694 µg/mL | Gravimetric |
| | **CAS #** 57-74-9 (Lot 978545) | | +/- 31.8658 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 41.6201 µg/mL | Stressed |

**Solvent:** Hexane
**CAS #** 110-54-3
**Purity** 99%

**Tech Tips:**
CAS #57-74-9 nomenclature is based on EPA method 8081B.

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

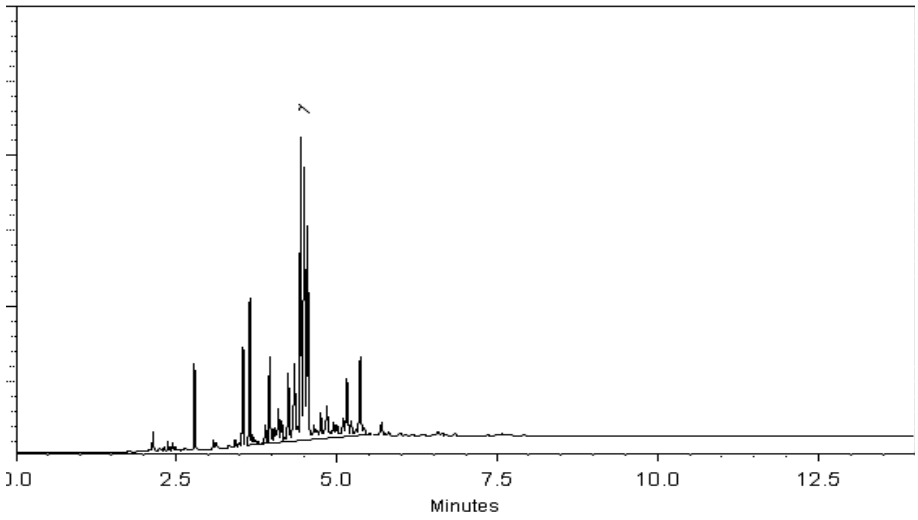
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 28-Mar-2022 **Balance:** 1128360905

Marlina Cowan - Operations Tech I

**Date Passed:** 31-Mar-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# SGDDT/E_00018

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Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32093 **Lot No.:** A0186032

**Description :** 508.1 GC Degradation Check Mix

508.1 GC Degradation Ck 100µg/mL, Ethyl Acetate, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** October 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

**C E R T I F I E D V A L U E S**

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Endrin | 101.0 µg/mL | +/- 0.7162 µg/mL | Gravimetric |
| | **CAS #** 72-20-8 (Lot 13157400) | | +/- 4.6180 µg/mL | Unstressed |
| | **Purity** 99% | | +/- 6.6546 µg/mL | Stressed |
| 2 | 4,4'-DDT | 100.9 µg/mL | +/- 0.7157 µg/mL | Gravimetric |
| | **CAS #** 50-29-3 (Lot 220428JLM) | | +/- 4.6153 µg/mL | Unstressed |
| | **Purity** 98% | | +/- 6.6507 µg/mL | Stressed |

**Solvent:** Ethyl acetate
**CAS #** 141-78-6
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

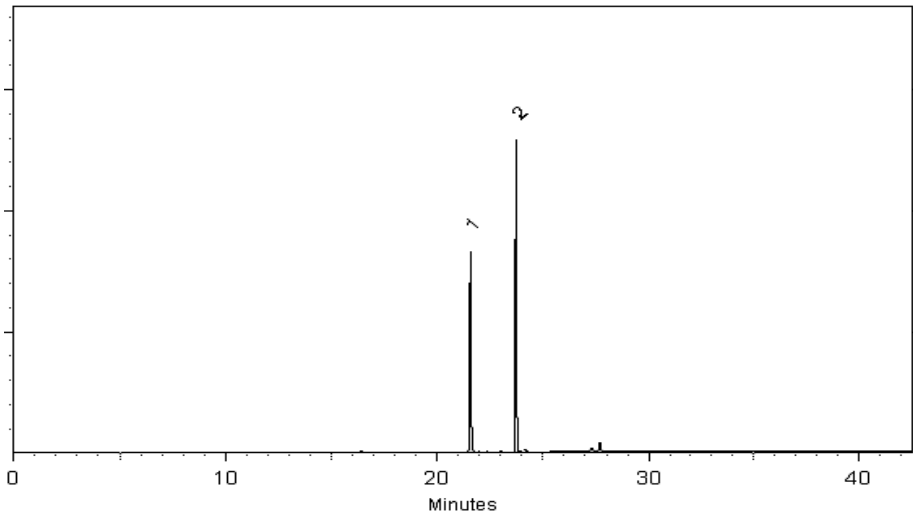
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
150°C to 300°C
@ 4°C/min. ( hold 5 min.)

**Inj. Temp:**
200°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Nick Yaw - Operations Tech I

**Date Mixed:** 06-Jun-2022 **Balance:** B345965662

Christie Mills - Operations Tech II - ARM QC

**Date Passed:** 08-Jun-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# SGPCBISTD_00030

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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32279 **Lot No.:** A0200687

**Description :** 1-Bromo-2-nitrobenzene Standard

1-Bromo-2-nitrobenzene Standard 1000 µg/mL, Acetone, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | 1-Bromo-2-nitrobenzene | 577-19-5 | 643872/1 | 99% | 1,009.0 µg/mL | +/- 56.6945 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone
**CAS #** 67-64-1
**Purity** 99%

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# Reagent

# SGPEST_00010

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**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32415 **Lot No.:** A0184236

**Description :** Organochlorine Pesticide Mix AB #3

Organochlorine Pesticide Mix AB #3 2,000 µg/mL, Hexane/Toluene ( 50:50), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** August 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | alpha-BHC<br>**CAS #** 319-84-6 (Lot 13026900)<br>**Purity** 99% | 2,002.0 µg/mL | +/- 11.7489 µg/mL<br>+/- 91.1896 µg/mL<br>+/- 131.6653 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | gamma-BHC (Lindane)<br>**CAS #** 58-89-9 (Lot 12918800)<br>**Purity** 99% | 2,001.1 µg/mL | +/- 11.7436 µg/mL<br>+/- 91.1486 µg/mL<br>+/- 131.6062 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | beta-BHC<br>**CAS #** 319-85-7 (Lot BCCC6425)<br>**Purity** 99% | 2,000.9 µg/mL | +/- 11.7421 µg/mL<br>+/- 91.1372 µg/mL<br>+/- 131.5897 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | delta-BHC<br>**CAS #** 319-86-8 (Lot 13112400)<br>**Purity** 99% | 2,000.9 µg/mL | +/- 11.7421 µg/mL<br>+/- 91.1372 µg/mL<br>+/- 131.5897 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Heptachlor<br>**CAS #** 76-44-8 (Lot 803759)<br>**Purity** 99% | 2,003.7 µg/mL | +/- 11.7585 µg/mL<br>+/- 91.2647 µg/mL<br>+/- 131.7739 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Aldrin<br>**CAS #** 309-00-2 (Lot 12983100)<br>**Purity** 96% | 2,007.8 µg/mL | +/- 11.7828 µg/mL<br>+/- 91.4534 µg/mL<br>+/- 132.0463 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | Heptachlor epoxide (isomer B)<br>**CAS #** 1024-57-3 (Lot 12468900)<br>**Purity** 99% | 2,002.5 µg/mL | +/- 11.7518 µg/mL<br>+/- 91.2123 µg/mL<br>+/- 131.6982 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

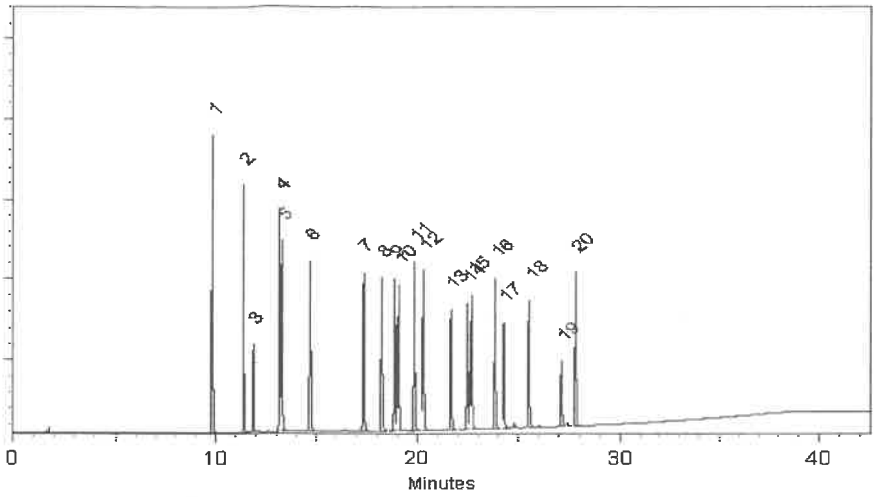
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
150°C to 300°C
@ 4°C/min. ( hold 5 min.)

**Inj. Temp:**
200°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 18-Apr-2022 **Balance:** B442140311

Christie Mills - Operations Technician II

**Date Passed:** 06-May-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# Reagent

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Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32415 **Lot No.:** A0180239

**Description :** Organochlorine Pesticide Mix AB #3

Organochlorine Pesticide Mix AB #3 2,000 µg/mL, Hexane/Toluene ( 50:50), 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2026 **Storage:** 10°C or colder

**Handling:** Sonicate prior to use. **Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|---|
| 1 | alpha-BHC | | 2,002.0 µg/mL | +/- 11.7489 | µg/mL | Gravimetric |
| | **CAS #** 319-84-6 | (Lot 12667000) | | +/- 91.1896 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.6653 | µg/mL | Stressed |
| 2 | gamma-BHC (Lindane) | | 2,000.5 µg/mL | +/- 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 58-89-9 | (Lot 12642100) | | +/- 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.5667 | µg/mL | Stressed |
| 3 | beta-BHC | | 2,000.5 µg/mL | +/- 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 319-85-7 | (Lot BCCC6425) | | +/- 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.5667 | µg/mL | Stressed |
| 4 | delta-BHC | | 2,000.5 µg/mL | +/- 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 319-86-8 | (Lot 12721300) | | +/- 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.5667 | µg/mL | Stressed |
| 5 | Heptachlor | | 2,002.0 µg/mL | +/- 11.7489 | µg/mL | Gravimetric |
| | **CAS #** 76-44-8 | (Lot 0006625059) | | +/- 91.1896 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.6653 | µg/mL | Stressed |
| 6 | Aldrin | | 2,001.0 µg/mL | +/- 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 309-00-2 | (Lot 12444700) | | +/- 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.5996 | µg/mL | Stressed |
| 7 | Heptachlor epoxide (isomer B) | | 2,001.0 µg/mL | +/- 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 1024-57-3 | (Lot 12756600) | | +/- 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | +/- 131.5996 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | trans-Chlordane | | 2,001.5 | µg/mL | +/- | 11.7459 | µg/mL | Gravimetric |
| | **CAS #** 5103-74-2 | (Lot 32844) | | | +/- | 91.1668 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.6325 | µg/mL | Stressed |
| 9 | cis-Chlordane | | 2,000.5 | µg/mL | +/- | 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 5103-71-9 | (Lot 31707) | | | +/- | 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5667 | µg/mL | Stressed |
| 10 | Endosulfan I | | 2,001.5 | µg/mL | +/- | 11.7459 | µg/mL | Gravimetric |
| | **CAS #** 959-98-8 | (Lot BCCF4060) | | | +/- | 91.1668 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.6325 | µg/mL | Stressed |
| 11 | 4,4'-DDE | | 2,001.0 | µg/mL | +/- | 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 72-55-9 | (Lot GHYQG) | | | +/- | 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5996 | µg/mL | Stressed |
| 12 | Dieldrin | | 2,001.0 | µg/mL | +/- | 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 60-57-1 | (Lot 12495700) | | | +/- | 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5996 | µg/mL | Stressed |
| 13 | Endrin | | 2,002.1 | µg/mL | +/- | 11.7497 | µg/mL | Gravimetric |
| | **CAS #** 72-20-8 | (Lot 12618300) | | | +/- | 91.1959 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 131.6745 | µg/mL | Stressed |
| 14 | 4,4'-DDD | | 2,001.0 | µg/mL | +/- | 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 72-54-8 | (Lot HAN02) | | | +/- | 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5996 | µg/mL | Stressed |
| 15 | Endosulfan II | | 2,000.5 | µg/mL | +/- | 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 33213-65-9 | (Lot 12605400) | | | +/- | 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5667 | µg/mL | Stressed |
| 16 | Endrin aldehyde | | 2,000.5 | µg/mL | +/- | 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 7421-93-4 | (Lot 30720) | | | +/- | 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5667 | µg/mL | Stressed |
| 17 | 4,4'-DDT | | 2,001.0 | µg/mL | +/- | 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 50-29-3 | (Lot 210916JLM) | | | +/- | 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5996 | µg/mL | Stressed |
| 18 | Endosulfan sulfate | | 2,000.5 | µg/mL | +/- | 11.7401 | µg/mL | Gravimetric |
| | **CAS #** 1031-07-8 | (Lot BCCB0424) | | | +/- | 91.1212 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5667 | µg/mL | Stressed |
| 19 | Methoxychlor | | 2,000.6 | µg/mL | +/- | 11.7408 | µg/mL | Gravimetric |
| | **CAS #** 72-43-5 | (Lot 12325400) | | | +/- | 91.1269 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 131.5749 | µg/mL | Stressed |
| 20 | Endrin ketone | | 2,001.0 | µg/mL | +/- | 11.7430 | µg/mL | Gravimetric |
| | **CAS #** 53494-70-5 | (Lot 12468800) | | | +/- | 91.1440 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 131.5996 | µg/mL | Stressed |

**Solvent:** Hexane/Toluene (50:50)
**CAS #** 110-54-3/108-88-3
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

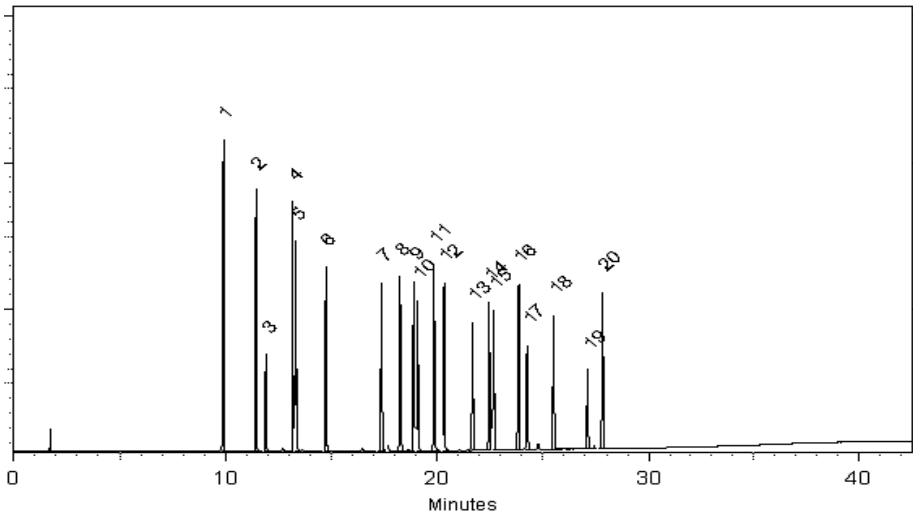
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
150°C to 300°C
@ 4°C/min. ( hold 5 min.)

**Inj. Temp:**
200°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

**Date Mixed:** 04-Jan-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

**Date Passed:** 07-Jan-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

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Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32071 **Lot No.:** A0182334

**Description :** Toxaphene Standard

Toxaphene Standard 5,000 µg/mL, Isooctane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** May 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Toxaphene | 5,024.0 µg/mL | +/- 29.4836 µg/mL | Gravimetric |
| | **CAS #** 8001-35-2 (Lot 1051817) | | +/- 159.2305 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 208.0080 µg/mL | Stressed |

**Solvent:** Isooctane
**CAS #** 540-84-1
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

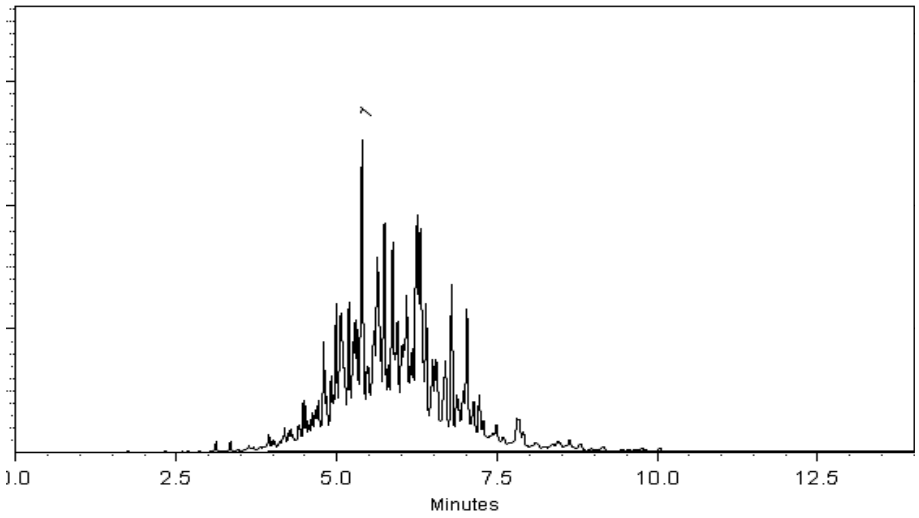
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

**Date Mixed:** 28-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

**Date Passed:** 03-Mar-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# SGTOX_00013

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32071 **Lot No.:** A0184498

**Description :** Toxaphene Standard

Toxaphene Standard 5,000 µg/mL, Isooctane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Ship:** Ambient

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | Toxaphene | 4,954.0 µg/mL | +/- 29.0728 µg/mL | Gravimetric |
| | **CAS #** 8001-35-2 (Lot 1051817) | | +/- 157.0119 µg/mL | Unstressed |
| | **Purity** ----% | | +/- 205.1098 µg/mL | Stressed |

**Solvent:** Isooctane
**CAS #** 540-84-1
**Purity** 99%

**Column:**
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

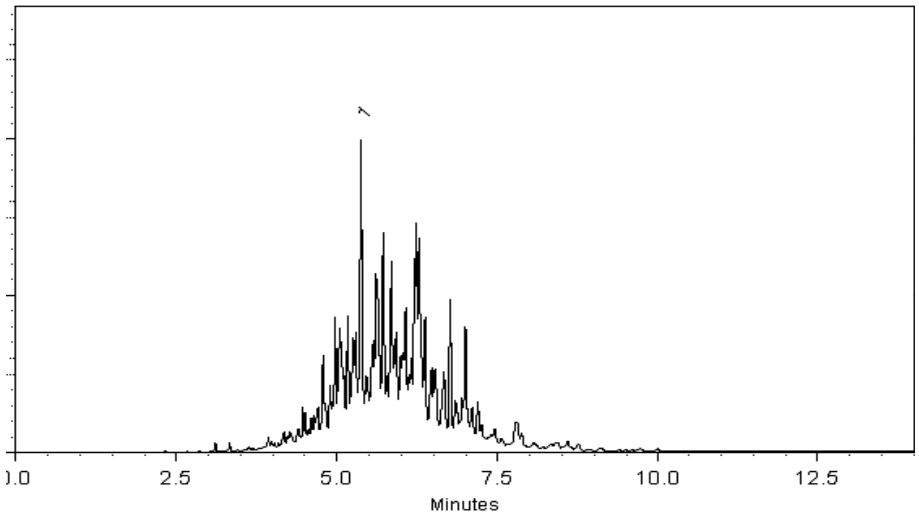
**Carrier Gas:**
helium-constant pressure 20 psi.

**Temp. Program:**
200°C to 300°C
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
300°C

**Det. Type:**
ECD




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Morgan Craighead - Mix Technician

**Date Mixed:** 25-Apr-2022 **Balance:** B442140311

Jennifer Pollino - Operations Tech-ARM QC

**Date Passed:** 06-May-2022

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer)<br>-20°C or colder (Deep Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.

# Reagent

# SM_8270cusmix_00005

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**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Custom Mix - 10 at 2000ug/mL (5mL)
**Lot Number:** 0006767192
**Product Number:** CUS-00003500
**Lot Issue Date:** 24-Oct-2023
**Storage Conditions:** Store Refrigerated (2° to 8°C).
**Expiration Date:** 30-Nov-2025

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| 1,3-dimethylnaphthalene | 2007 | ± | 10 µg/mL | 000575-41-7 | NT00962 |
| BHT (2,6-di-tert-butyl-4-methylphenol) | 2009 | ± | 10 µg/mL | 000128-37-0 | NT02073 |
| 2-tert-butyl-p-cresol | 2009 | ± | 10 µg/mL | 002409-55-4 | RM15026-01 |
| benzonitrile | 2009 | ± | 10 µg/mL | 000100-47-0 | RM15318 |
| carbamazepin | 2010 | ± | 10 µg/mL | 000298-46-4 | RM05185 |
| coumarin | 2010 | ± | 10 µg/mL | 000091-64-5 | RM01892 |
| N-methylaniline | 2009 | ± | 10 µg/mL | 000100-61-8 | RM15275 |
| pentachloronitrobenzene | 2009 | ± | 10 µg/mL | 000082-68-8 | RM12207 |
| diphenyl ether | 2009 | ± | 10 µg/mL | 000101-84-8 | RM15316 |
| N,N-dimethylaniline | 2009 | ± | 10 µg/mL | 000121-69-7 | RM15319 |

**Matrix:** methanol (methyl alcohol)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

# Reagent

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# SM_BPA_00020

Agilent
Trusted Answers

**ISO 17034**

# Reference Material Certificate

## Product Information Sheet

| | | | |
|---|---|---|---|
| **Product Name:** | Bisphenol A Std - 1000ug/mL (5mL) | **Lot Number:** | 0006767004 |
| **Product Number:** | CUS-00003804 | **Lot Issue Date:** | 23-Oct-2023 |
| **Storage Conditions:** | Store at Room Temperature (15° to 30°C). | **Expiration Date:** | 30-Nov-2025 |

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| bisphenol A | 1004 | ± | 5 µg/mL | 000080-05-7 | RM14528-01 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois
QMS Representative

# Reagent

# SM_ISTD_00197

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ISO 17034

# Reference Material Certificate

## Product Information Sheet

**Product Name:** 8270 Internal Std - 6 at 2000ug/mL (5mL)
**Lot Number:** 0006760251
**Product Number:** CUS-00004805
**Lot Issue Date:** 13-Sep-2023
**Storage Conditions:** Store at Room Temperature (15° to 30°C).
**Expiration Date:** 31-Oct-2026

| Component Name | Concentration | | Uncertainty | CAS# | Analyte Lot |
|---|---|---|---|---|---|
| acenaphthene-d10 | 2010 | ± | 10 µg/mL | 015067-26-2 | RM18947 |
| chrysene-d12 | 2008 | ± | 10 µg/mL | 001719-03-5 | RM18746 |
| 1,4-dichlorobenzene-d4 | 2005 | ± | 10 µg/mL | 003855-82-1 | RM19347 |
| naphthalene-d8 | 2009 | ± | 10 µg/mL | 001146-65-2 | RM19349 |
| perylene-d12 | 2008 | ± | 10 µg/mL | 001520-96-3 | RM19985 |
| phenanthrene-d10 | 2005 | ± | 10 µg/mL | 001517-22-2 | RM19350 |

**Matrix:** methylene chloride (dichloromethane)

**Description:**
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

**Intended Use:**
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Reagent

# SM_std #92nd_00007

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569730.SEC **Lot No.:** A020147867

**Description :** 8270 List 1 / Std #9

8270 List 1 / Std #9 2000 µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** September 30, 2025 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | | |
|---|---|---|---|---|---|
| 1 | Benzidine | 2,013.5 µg/mL | +/- 11.8163 | µg/mL | Gravimetric |
| | **CAS #** 92-87-5.SEC (Lot 8616600) | | +/- 24.1230 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.3399 | µg/mL | Stressed |
| 2 | 3,3'-Dichlorobenzidine | 2,000.0 µg/mL | +/- 11.7371 | µg/mL | Gravimetric |
| | **CAS #** 91-94-1.SEC (Lot 8490800) | | +/- 23.9613 | µg/mL | Unstressed |
| | **Purity** 99% | | +/- 38.0829 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

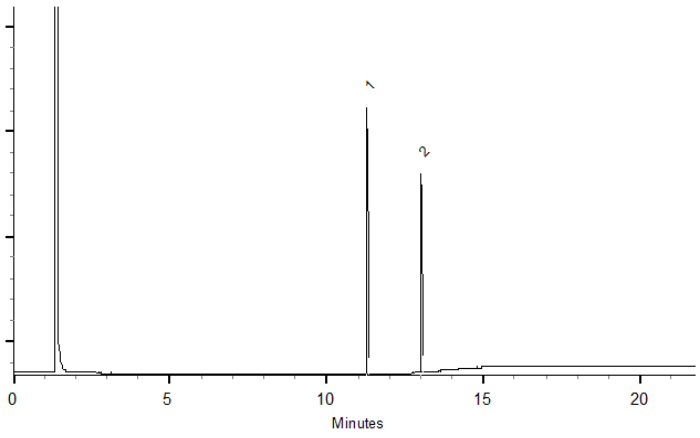
**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brandon Reish - Mix Technician

**Date Mixed:** 26-Mar-2020 **Balance:** 1122030677

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 30-Mar-2020

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

*k* is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampules. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SM_STD1meg2nd_00007

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# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

ISO Guide 34 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 571995.SEC **Lot No.:** A02010619

**Description :** 8270 List 1 / Std #1 MegaMix (2017)

8270 List 1 / Std #1 MegaMix (2017) 500-2,000µg/mL, Methylene chloride, 5mL/ampul

**Container Size :** 10 mL **Pkg Amt:** > 5 mL

**Expiration Date :** November 30, 2025 **Storage:** 0°C or colder

**Handling:** Carcinogen/reproductive toxin. Photosensitive. Sonicate.

## C E R T I F I E D V A L U E S

| Elution Order | Compound | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) | |
|---|---|---|---|---|
| 1 | 1,4-Dioxane<br>**CAS #** 123-91-1.SEC (Lot MUFZH)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 2 | N-Nitrosodimethylamine<br>**CAS #** 62-75-9.SEC (Lot 61H72)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 3 | Pyridine<br>**CAS #** 110-86-1.SEC (Lot QN8DK)<br>**Purity** 99% | 2,000.0 µg/mL | +/- 11.6282 µg/mL<br>+/- 23.9081 µg/mL<br>+/- 38.0494 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 4 | Phenol<br>**CAS #** 108-95-2.SEC (Lot EDPYN)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 5 | Aniline<br>**CAS #** 62-53-3.SEC (Lot ZCD3N)<br>**Purity** 99% | 1,000.4 µg/mL | +/- 5.8299 µg/mL<br>+/- 11.9654 µg/mL<br>+/- 19.0364 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 6 | Bis(2-chloroethyl)ether<br>**CAS #** 111-44-4.SEC (Lot FA010143)<br>**Purity** 99% | 1,000.6 µg/mL | +/- 5.8310 µg/mL<br>+/- 11.9678 µg/mL<br>+/- 19.0402 µg/mL | Gravimetric<br>Unstressed<br>Stressed |
| 7 | n-Decane (C10)<br>**CAS #** 124-18-5.SEC (Lot UCVNN)<br>**Purity** 99% | 1,000.0 µg/mL | +/- 5.8275 µg/mL<br>+/- 11.9606 µg/mL<br>+/- 19.0288 µg/mL | Gravimetric<br>Unstressed<br>Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 8 | 2-Chlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-57-8.SEC | (Lot GJ01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 9 | 1,3-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 541-73-1.SEC | (Lot FMDFD) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 10 | 1,4-Dichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 106-46-7.SEC | (Lot 4Y5DC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 11 | Benzyl alcohol | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 100-51-6.SEC | (Lot QZBUO) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 12 | 1,2-Dichlorobenzene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 95-50-1.SEC | (Lot R6QDM) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 13 | 2-Methylphenol (o-cresol) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-48-7.SEC | (Lot NC7HL) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 14 | 2,2'-oxybis(1-chloropropane) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 108-60-1.SEC | (Lot 2-KMW-57-8) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 15 | Acetophenone | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 98-86-2.SEC | (Lot NSGTI) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 16 | 3-Methylphenol (m-cresol) | | 500.0 | µg/mL | +/- | 2.9138 | µg/mL | Gravimetric |
| | **CAS #** 108-39-4.SEC | (Lot 6LHTM) | | | +/- | 5.9803 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5144 | µg/mL | Stressed |
| 17 | 4-Methylphenol (p-cresol) | | 501.0 | µg/mL | +/- | 2.9196 | µg/mL | Gravimetric |
| | **CAS #** 106-44-5.SEC | (Lot 65S2E) | | | +/- | 5.9923 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 9.5334 | µg/mL | Stressed |
| 18 | N-Nitroso-di-n-propylamine | | 1,001.4 | µg/mL | +/- | 5.8357 | µg/mL | Gravimetric |
| | **CAS #** 621-64-7.SEC | (Lot 4423200) | | | +/- | 11.9773 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0555 | µg/mL | Stressed |
| 19 | Hexachloroethane | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 67-72-1.SEC | (Lot 10173016) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 20 | Nitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 98-95-3.SEC | (Lot FLYIG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 21 | Isophorone | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 78-59-1.SEC | (Lot XHGJI) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 22 | 2-Nitrophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-75-5.SEC | (Lot GXJ7J) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 23 | 2,4-Dimethylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 105-67-9.SEC | (Lot MKBL3650V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 24 | Bis(2-chloroethoxy)methane | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 111-91-1 * | (Lot 5670100) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 25 | 2,4-Dichlorophenol | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 120-83-2.SEC | (Lot FHM01) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 26 | 1,2,4-Trichlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-82-1.SEC | (Lot OGO01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 27 | Naphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-20-3.SEC | (Lot SKZ5N) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 28 | 2,6-Dichlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 87-65-0.SEC | (Lot SIDBB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 29 | 4-Chloroaniline | | 1,000.2 | µg/mL | +/- | 5.8287 | µg/mL | Gravimetric |
| | **CAS #** 106-47-8.SEC | (Lot 10171860) | | | +/- | 11.9630 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0326 | µg/mL | Stressed |
| 30 | Hexachlorobutadiene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 87-68-3.SEC | (Lot 1068200) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 31 | 4-Chloro-3-methylphenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 59-50-7.SEC | (Lot FDO02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 32 | 2-Methylnaphthalene | | 1,000.8 | µg/mL | +/- | 5.8320 | µg/mL | Gravimetric |
| | **CAS #** 91-57-6.SEC | (Lot 76023-1) | | | +/- | 11.9699 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0436 | µg/mL | Stressed |
| 33 | 1-Methylnaphthalene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 90-12-0.SEC | (Lot UATSA) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 34 | 1,2,4,5-Tetrachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 95-94-3.SEC | (Lot AF02) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 35 | Hexachlorocyclopentadiene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 77-47-4.SEC | (Lot 5608400) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 36 | 2,4,6-Trichlorophenol | | 1,000.6 | µg/mL | +/- | 5.8309 | µg/mL | Gravimetric |
| | **CAS #** 88-06-2.SEC | (Lot UUMYM) | | | +/- | 11.9675 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0399 | µg/mL | Stressed |
| 37 | 2,4,5-Trichlorophenol | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 95-95-4.SEC | (Lot MKBQ9937V) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |
| 38 | 2-Chloronaphthalene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 91-58-7.SEC | (Lot LC07783V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 39 | Biphenyl | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 92-52-4.SEC | (Lot 33OQE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40 | 2-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 88-74-4.SEC | (Lot T6E7B) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 41 | Acenaphthylene | | 999.9 | µg/mL | +/- | 5.8271 | µg/mL | Gravimetric |
| | **CAS #** 208-96-8.SEC | (Lot 0012014) | | | +/- | 11.9598 | µg/mL | Unstressed |
| | **Purity** 96% | | | | +/- | 19.0276 | µg/mL | Stressed |
| 42 | 1,3-Dinitrobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-65-0.SEC | (Lot 3XXLB) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 43 | Dimethylphthalate | | 1,002.0 | µg/mL | +/- | 5.8392 | µg/mL | Gravimetric |
| | **CAS #** 131-11-3.SEC | (Lot 483WC) | | | +/- | 11.9845 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0669 | µg/mL | Stressed |
| 44 | 2,6-Dinitrotoluene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 606-20-2.SEC | (Lot GE01) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 45 | 3-Nitroaniline | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 99-09-2.SEC | (Lot FGN03) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 46 | Acenaphthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 83-32-9.SEC | (Lot BWZJE) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 47 | 2,4-Dinitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 51-28-5.SEC | (Lot YTR6B) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 48 | Dibenzofuran | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 132-64-9.SEC | (Lot 27ZGC) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 49 | 4-Nitrophenol | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 100-02-7.SEC | (Lot 2J5LB) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 50 | 2,4-Dinitrotoluene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 121-14-2.SEC | (Lot SHRSA) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 51 | 2,3,4,6-Tetrachlorophenol | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 58-90-2.SEC | (Lot LC19623V) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 52 | Fluorene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 86-73-7.SEC | (Lot 5027400) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 53 | n-Hexadecane (C16) | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 544-76-3.SEC | (Lot A0328141) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 54 | Diethylphthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 84-66-2.SEC | (Lot UMBJC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 55 | 4-Chlorophenyl phenyl ether | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 7005-72-3.SEC | (Lot P31G) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 56 | 4-Nitroaniline | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 100-01-6.SEC | (Lot 5ITRC) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 57 | 4,6-Dinitro-2-methylphenol (Dinitro-o-cresol) | | 2,000.0 | µg/mL | +/- | 11.6282 | µg/mL | Gravimetric |
| | **CAS #** 534-52-1.SEC | (Lot 6333400) | | | +/- | 23.9081 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0494 | µg/mL | Stressed |
| 58 | Diphenylamine | | 850.0 | µg/mL | +/- | 4.9534 | µg/mL | Gravimetric |
| | **CAS #** 122-39-4.SEC | (Lot 10164691) | | | +/- | 10.1665 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 16.1745 | µg/mL | Stressed |
| 59 | Azobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 103-33-3.SEC | (Lot JUWAG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 60 | 4-Bromophenyl phenyl ether | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 101-55-3.SEC | (Lot 84C6D) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 61 | Hexachlorobenzene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 118-74-1.SEC | (Lot G120431) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 62 | Pentachlorophenol | | 2,000.4 | µg/mL | +/- | 11.6305 | µg/mL | Gravimetric |
| | **CAS #** 87-86-5.SEC | (Lot 5784900) | | | +/- | 23.9129 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 38.0570 | µg/mL | Stressed |
| 63 | n-Octadecane (C18) | | 1,001.0 | µg/mL | +/- | 5.8333 | µg/mL | Gravimetric |
| | **CAS #** 593-45-3.SEC | (Lot G14U045) | | | +/- | 11.9726 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0478 | µg/mL | Stressed |
| 64 | Phenanthrene | | 1,002.0 | µg/mL | +/- | 5.8389 | µg/mL | Gravimetric |
| | **CAS #** 85-01-8.SEC | (Lot 4708400) | | | +/- | 11.9839 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0660 | µg/mL | Stressed |
| 65 | Anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 120-12-7.SEC | (Lot WDFNJ) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 66 | Carbazole | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 86-74-8.SEC | (Lot LMIZB) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 67 | Di-n-butylphthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 84-74-2.SEC | (Lot 42FSG) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 68 | Fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 206-44-0.SEC | (Lot FREGF) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 69 | Pyrene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 129-00-0.SEC | (Lot ROVJC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 70 | Benzyl butyl phthalate | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 85-68-7.SEC | (Lot GX3GL) | | | +/- | 11.9605 | µg/mL | Unstressed |
| | **Purity** 98% | | | | +/- | 19.0287 | µg/mL | Stressed |
| 71 | Benz(a)anthracene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 56-55-3.SEC | (Lot MTENF) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 72 | chrysene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 218-01-9.SEC | (Lot NICZC) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 73 | Bis(2-ethylhexyl)phthalate | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 117-81-7.SEC | (Lot MT8AG) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 74 | Di-n-octyl phthalate | | 1,000.8 | µg/mL | +/- | 5.8322 | µg/mL | Gravimetric |
| | **CAS #** 117-84-0.SEC | (Lot O8DLD) | | | +/- | 11.9702 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0440 | µg/mL | Stressed |
| 75 | Benzo(b)fluoranthene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 205-99-2.SEC | (Lot 022011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 76 | Benzo(k)fluoranthene | | 1,000.6 | µg/mL | +/- | 5.8310 | µg/mL | Gravimetric |
| | **CAS #** 207-08-9.SEC | (Lot ER041513-01) | | | +/- | 11.9678 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0402 | µg/mL | Stressed |
| 77 | Benzo(a)pyrene | | 1,000.5 | µg/mL | +/- | 5.8302 | µg/mL | Gravimetric |
| | **CAS #** 50-32-8.SEC | (Lot M8DFD) | | | +/- | 11.9661 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0375 | µg/mL | Stressed |
| 78 | Indeno(1,2,3-cd)pyrene | | 1,000.4 | µg/mL | +/- | 5.8299 | µg/mL | Gravimetric |
| | **CAS #** 193-39-5.SEC | (Lot 0012014) | | | +/- | 11.9654 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0364 | µg/mL | Stressed |
| 79 | Dibenz(a,h)anthracene | | 1,000.0 | µg/mL | +/- | 5.8275 | µg/mL | Gravimetric |
| | **CAS #** 53-70-3.SEC | (Lot 0012011) | | | +/- | 11.9606 | µg/mL | Unstressed |
| | **Purity** 99% | | | | +/- | 19.0288 | µg/mL | Stressed |
| 80 | Benzo(g,h,i)perylene | | 1,000.1 | µg/mL | +/- | 5.8279 | µg/mL | Gravimetric |
| | **CAS #** 191-24-2.SEC | (Lot 0022012) | | | +/- | 11.9614 | µg/mL | Unstressed |
| | **Purity** 97% | | | | +/- | 19.0302 | µg/mL | Stressed |

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

*** Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.**

**Specific Reference Material Notes:**

N-nitrosodiphenylamine 1000 ug/mL equivalent when used for GC analysis. Actual formulation is diphenylamine 855 ug/mL.
N-Nitrosodiphenylamine is prone to breakdown in the injection port and will be converted to diphenylamine.
N-Nitrosodiphenylamine is also a reactive species that can initiate premature decomposition of other compounds in the mix. For these reasons diphenylamine is used in the preparation of this mixture. When comparing the response of this compound to mixtures manufactured using N-nitrosodiphenylamine, a difference in response will be observed.

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

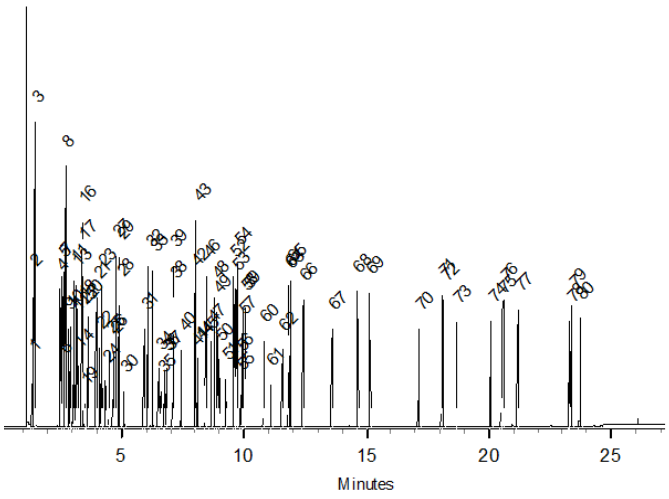
**Carrier Gas:**
hydrogen-constant flow 1.8 mL/min.

**Temp. Program:**
80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

**Inj. Temp:**
250°C

**Det. Temp:**
340°C

**Det. Type:**
FID




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

**Date Mixed:** 28-Sep-2017 **Balance:** 1128342313

Justine Albertson - Operations Tech-ARM QC

**Date Passed:** 13-Oct-2017

**Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397**

**General Certified Reference Material Notes**

**Expiration Notes:**

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

**Purity Notes:**

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

**Certified Uncertainty Value Notes:**

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value ( includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

| Label Conditions | Standard Conditions | Non-Standard Conditions |
|---|---|---|
| 25°C Nominal (Room Temperature) | < 60°C | ≥ 60°C up to 7 days |
| 10°C or colder (Refrigerate) | < 40°C | ≥ 40°C up to 7 days |
| 0°C or colder (Freezer) | < 25°C | ≥ 25°C up to 7 days |

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

**Manufacturing Notes:**

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

**Handling Notes:**

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# SMDFTP_CH_00037

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

***chromatographic plus***

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 31615 **Lot No.:** A0200028

**Description :** GC/MS Tuning Mixture

GC/MS Tuning Mixture 1,000µg/mL, Methylene Chloride, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** July 31, 2026 **Storage:** 10°C or colder

**Handling:** Contains carcinogen/reproductive toxin. **Ship:** Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Pentachlorophenol | 87-86-5 | RP230504 | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 2 | DFTPP (Decafluorotriphenylphosphine) | 5074-71-5 | Q117-147 | 95% | 1,000.7 µg/mL | +/- 44.7189 |
| 3 | Benzidine | 92-87-5 | S221205RSR | 99% | 1,001.0 µg/mL | +/- 44.7338 |
| 4 | 4,4'-DDT | 50-29-3 | 230410JLMA | 98% | 1,000.9 µg/mL | +/- 44.7296 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Methylene chloride
**CAS #** 75-09-2
**Purity** 99%

# Quality Confirmation Test

**Column:**
30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

**Carrier Gas:**
hydrogen-constant pressure 10 psi.

**Temp. Program:**
75°C (hold 1 min.) to 330°C
@ 20°C/min. (hold 10 min.)

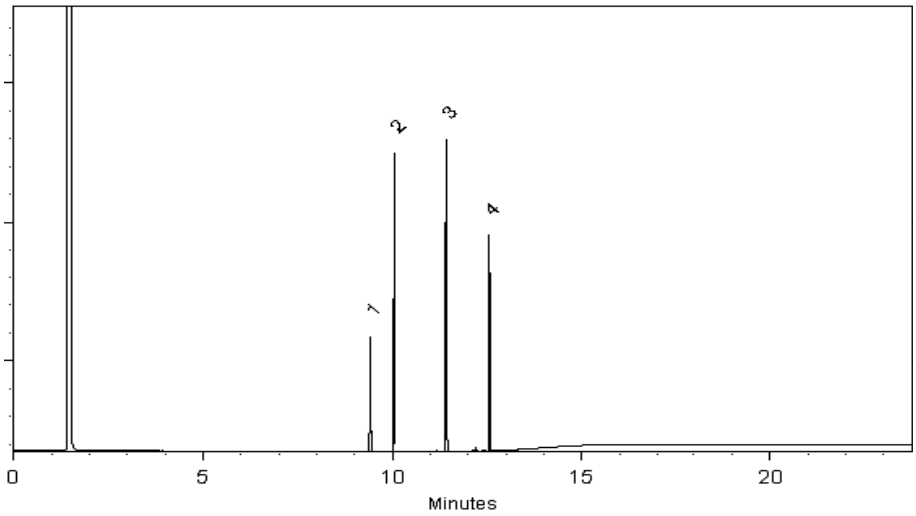
**Inj. Temp:**
250°C

**Det. Temp:**
330°C

**Det. Type:**
FID

**Split Vent:**
10 ml/min.

**Inj. Vol**
1µl




This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Josh McCloskey - Operations Technician I

**Date Mixed:** 18-Jul-2023 **Balance Serial #** 1128360905

Christie Mills - Operations Lead Tech - ARM QC

**Date Passed:** 24-Jul-2023

**Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397**

# General Certified Reference Material Notes

## Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

## Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/µECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

## Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  $k$ is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

## Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

## Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

# Reagent

# TBA AB_00007

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com



*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

| | |
|---|---|
| **Part Number:** | **90766** |
| Lot Number: | 111120 |
| Description: | tert-Butyl alcohol (t-Butanol) (2-Methyl-2-propanol) |
| Expiration Date: | 111125 |
| Recommended Storage: | Refrigerate (4 °C) |
| Nominal Concentration (µg/mL): | 20000 |
| NIST Test ID#: | 23060 |

**Solvent(s):** **Lot#**
Methanol DY186-US

R 2420

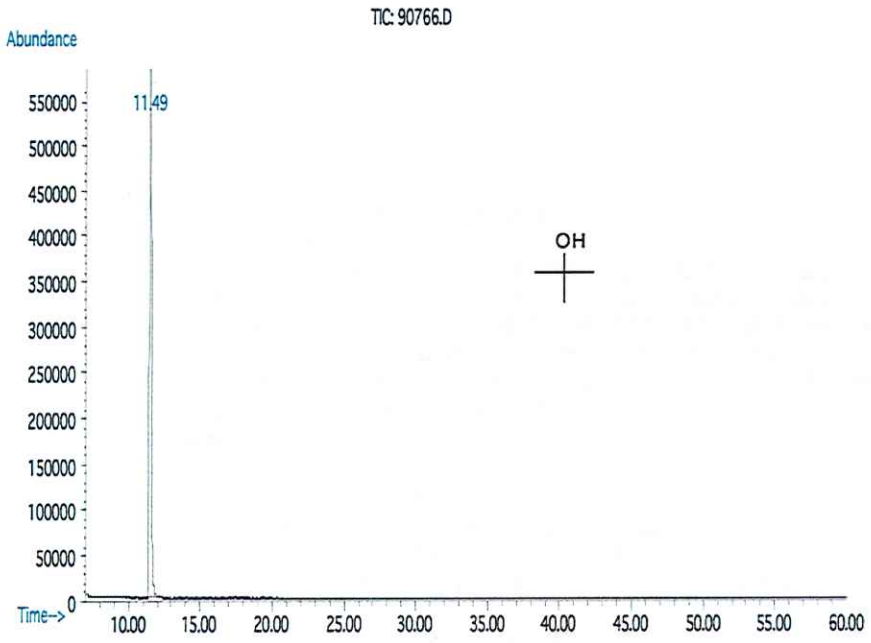
MS 7120123 #10991629

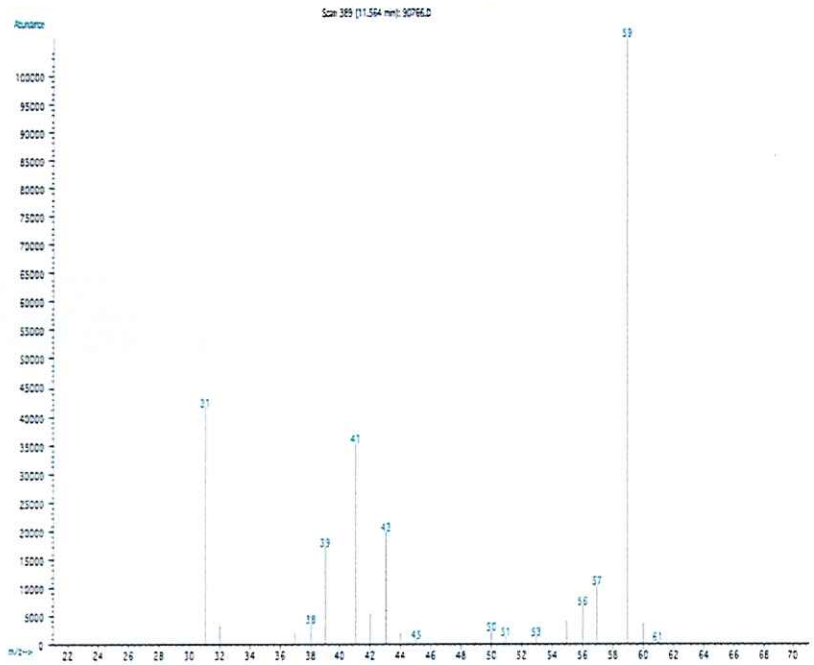
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 200.0 0.058 Flask Uncertainty

| | | |
|---|---|---|
| Eli Aliaga | 111120 |
| Formulated By: Eli Aliaga | DATE |
| Pedro Rentas | 111120 |
| Reviewed By: Pedro L. Rentas | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc(µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. tert-Butyl alcohol (t-Butanol) | 988 | 21796PMV | 20000 | 99 | 0.2 | 4.04024 | 4.04070 | 20002.3 | 81.6 | 75-65-0 | 100 ppm (300mg/m3/8H) | orl-rat 3500mg/kg |

**Method:** GC6MSD-1. **Detector:** MSD. **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1=10min.), Temp. 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector Temp.= 200°C, Detector Temp. = 220°C. **Analyst:** Candice Warren.




- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Reagent

# Vinyl Acetate_00101

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

MS 9/10/24

R2543

#12010010

# CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0209567

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RP231030CTH | 98% | 5,034.8 µg/mL | +/- 173.9777 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.



Page 5357 of

Reagent

# Vinyl Acetate_00102

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*

R2558

MS 10/15/24 #12100078

2/14/2025 12:32:58 PM

**FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.**

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 569724 **Lot No.:** A0209567

**Description :** 8260 List 1 / Std #6 Vinyl Acetate (2015)

8260 List 1 / Std #6 Vinyl Acetate (2015) 5,000µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** September 30, 2025 **Storage:** -20°C or colder

**Handling:** This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---|---|---|---|---|---|---|
| 1 | Vinyl acetate | 108-05-4 | RP231030CTH | 98% | 5,034.8 µg/mL | +/- 173.9777 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol
**CAS #** 67-56-1
**Purity** 99%

**Tech Tips:**
Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

# Reagent

# VMC21SU_00011

**Absolute Standards, Inc.**
800-368-1131
www.absolutestandards.com

*Certified Reference Material CRM*

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

2/14/2023 12:32:58 PM

## CERTIFIED WEIGHT REPORT

**Part Number:** 19167
**Lot Number:** 030822
**Description:** CLP - Instrument Performance Check Solution
p-Bromofluorobenzene
**Expiration Date:** 030827
**Recommended Storage:** Refrigerate (4 °C)
**Nominal Concentration (µg/mL):** 2500
**NIST Test ID#:** 6UTB

**Solvent(s):** Methanol **Lot#** EB373-US

R2384

MS 3/31/23 #10669421

5E-05 Balance Uncertainty

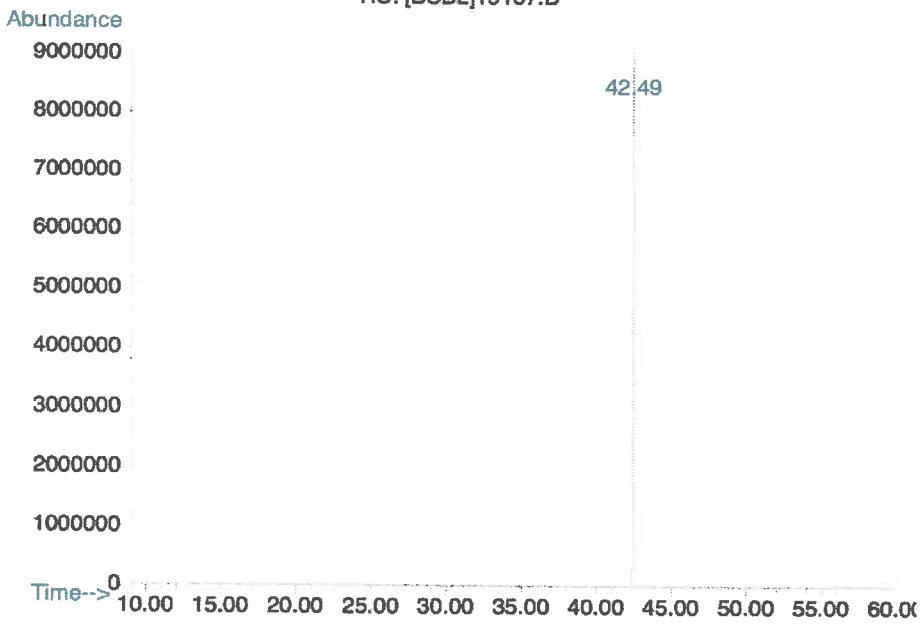
Weight(s) shown below were combined and diluted to (mL): 100.0 0.012 Flask Uncertainty

| | | |
|---|---|---|
| | | 030822 |
| Formulated By: | Benson Chan | DATE |
| | | 030822 |
| Reviewed By: | Pedro L. Rentas | DATE |

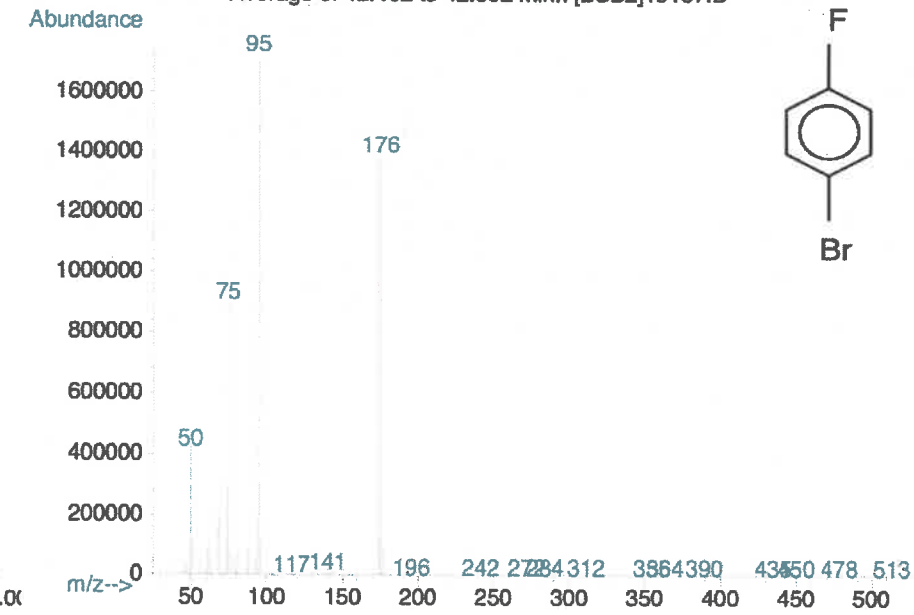
| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information (Solvent Safety Info. On Attached pg.) CAS# | OSHA PEL (TWA) | LD50 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. p-Bromofluorobenzene | 48 | 01127COV | 2500 | 99 | 0.2 | 0.25254 | 0.25286 | 2503.2 | 10.2 | 460-00-4 | N/A | ori-rat 2700mg/kg |

**Method GC6MSD-1:** Column: Vocol (60m X 0.25mm ID X 1.5µm film thickness).Temp. 1=35°C (10min.), Temp. 2=200°C (8.75 min.), Rate=4°C/min., Injector Temp.=200°C, Detector Temp.=220°C. Solvent vent time = 6 min. Analysis performed by Candice Warren.

TIC: [BSB2]19167.D




Average of 42.462 to 42.502 min.: [BSB2]19167.D







- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

# 8260D

## Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| RX-21-01_0-2 | 460-319954-1 | 101 | 97 | 100 | 111 |
| RX-18-01_0-2 | 460-319954-2 | 102 | 97 | 100 | 111 |
| RX-20-01_0-2 | 460-319954-3 | 100 | 94 | 98 | 109 |
| RX-22-01_0-2 | 460-319954-4 | 101 | 95 | 98 | 110 |
| RX-19-01_0-2 | 460-319954-5 | 102 | 99 | 98 | 111 |
| DUP_02052025 | 460-319954-6 | 106 | 99 | 100 | 102 |
| | MB 460-1020506/7 | 90 | 88 | 88 | 104 |
| | MB 460-1020507/5 | 101 | 103 | 97 | 106 |
| | MB 460-1020626/7 | 102 | 103 | 96 | 108 |
| | LB3 460-1020016/1-A | 93 | 86 | 91 | 108 |
| | LCS 460-1020506/3 | 93 | 87 | 93 | 112 |
| | LCS 460-1020507/2 | 104 | 98 | 101 | 110 |
| | LCS 460-1020626/3 | 103 | 100 | 101 | 110 |
| | LCSD 460-1020506/4 | 92 | 87 | 92 | 111 |
| | LCSD 460-1020507/3 | 102 | 98 | 102 | 110 |
| | LCSD 460-1020626/4 | 104 | 102 | 101 | 110 |

| | QC LIMITS |
|---|---|
| DBFM = Dibromofluoromethane (Surr) | 50-150 |
| DCA = 1,2-Dichloroethane-d4 (Surr) | 65-138 |
| TOL = Toluene-d8 (Surr) | 71-126 |
| BFB = 4-Bromofluorobenzene | 71-128 |

# Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | DBFM # | DCA # | TOL # | BFB # |
|---|---|---|---|---|---|
| FB_02052025 | 460-319954-7 | 96 | 84 | 92 | 102 |
| | MB 460-1020540/8 | 93 | 80 | 94 | 107 |
| | LCS 460-1020540/4 | 90 | 80 | 93 | 108 |
| | LCSD 460-1020540/5 | 90 | 77 | 93 | 108 |

| | QC LIMITS |
|---|---|
| DBFM = Dibromofluoromethane (Surr) | 77-132 |
| DCA = 1,2-Dichloroethane-d4 (Surr) | 70-128 |
| TOL = Toluene-d8 (Surr) | 80-120 |
| BFB = 4-Bromofluorobenzene | 76-120 |

# Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B20339.D

Lab ID: LCS 460-1020506/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0210 | 105 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0175 | 88 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0223 | 112 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0171 | 85 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0211 | 105 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0207 | 103 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0221 | 110 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0222 | 111 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0162 | 81 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0199 | 99 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0188 | 94 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0199 | 99 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0215 | 108 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0204 | 102 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0947 | 95 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0961 | 96 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0988 | 99 | 80-120 | |
| Acetone | 0.100 | 0.106 | 106 | 58-122 | |
| Benzene | 0.0200 | 0.0191 | 96 | 75-120 | |
| Bromoform | 0.0200 | 0.0186 | 93 | 61-125 | |
| Bromomethane | 0.0200 | 0.0132 | 66 | 37-150 | |
| Carbon disulfide | 0.0200 | 0.0226 | 113 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0223 | 112 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0209 | 104 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0193 | 96 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0191 | 95 | 72-120 | |
| Chloroethane | 0.0200 | 0.0136 | 68 | 60-123 | |
| Chloroform | 0.0200 | 0.0200 | 100 | 79-126 | |
| Chloromethane | 0.0200 | 0.0145 | 72 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0208 | 104 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0182 | 91 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0218 | 109 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0193 | 96 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0152 | 76 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0203 | 101 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0185 | 92 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0194 | 97 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0361 | 90 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0171 | 86 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0218 | 109 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0198 | 99 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B20339.D

Lab ID: LCS 460-1020506/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0199 | 100 | 80-120 | |
| o-Xylene | 0.0200 | 0.0196 | 98 | 80-120 | |
| Styrene | 0.0200 | 0.0184 | 92 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0223 | 112 | 73-120 | |
| Toluene | 0.0200 | 0.0195 | 97 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0211 | 105 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0165 | 82 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0219 | 109 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0129 | 65 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0146 | 73 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24909.D

Lab ID: LCS 460-1020507/2 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0193 | 97 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0192 | 96 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0210 | 105 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0192 | 96 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0192 | 96 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0206 | 103 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0184 | 92 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0179 | 90 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0189 | 94 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0186 | 93 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0177 | 88 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0188 | 94 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0193 | 97 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0194 | 97 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0956 | 96 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0926 | 93 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0938 | 94 | 80-120 | |
| Acetone | 0.100 | 0.0902 | 90 | 58-122 | |
| Benzene | 0.0200 | 0.0195 | 97 | 75-120 | |
| Bromoform | 0.0200 | 0.0184 | 92 | 61-125 | |
| Bromomethane | 0.0200 | 0.0419 | 210 | 37-150 | * |
| Carbon disulfide | 0.0200 | 0.0196 | 98 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0192 | 96 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0193 | 96 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0195 | 97 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0182 | 91 | 72-120 | |
| Chloroethane | 0.0200 | 0.0208 | 104 | 60-123 | |
| Chloroform | 0.0200 | 0.0193 | 97 | 79-126 | |
| Chloromethane | 0.0200 | 0.0197 | 99 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0199 | 99 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0187 | 93 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0200 | 100 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0186 | 93 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0223 | 112 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0191 | 95 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0184 | 92 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0183 | 91 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0369 | 92 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0188 | 94 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0185 | 92 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0184 | 92 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24909.D

Lab ID: LCS 460-1020507/2 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0186 | 93 | 80-120 | |
| o-Xylene | 0.0200 | 0.0192 | 96 | 80-120 | |
| Styrene | 0.0200 | 0.0187 | 94 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0193 | 97 | 73-120 | |
| Toluene | 0.0200 | 0.0195 | 97 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0201 | 100 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0179 | 90 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0195 | 98 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0221 | 111 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0210 | 105 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A22177.D

Lab ID: LCS 460-1020540/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 19.1 | 95 | 72-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 21.6 | 108 | 63-139 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 18.1 | 91 | 65-142 | |
| 1,1,2-Trichloroethane | 20.0 | 21.3 | 107 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 17.2 | 86 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 17.1 | 86 | 68-133 | |
| 1,2,3-Trichlorobenzene | 20.0 | 22.3 | 112 | 55-150 | |
| 1,2,4-Trichlorobenzene | 20.0 | 22.3 | 112 | 67-132 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 25.5 | 127 | 58-132 | |
| 1,2-Dichlorobenzene | 20.0 | 22.1 | 111 | 80-120 | |
| 1,2-Dichloroethane | 20.0 | 17.4 | 87 | 66-129 | |
| 1,2-Dichloropropane | 20.0 | 16.9 | 85 | 72-128 | |
| 1,3-Dichlorobenzene | 20.0 | 22.1 | 111 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 21.6 | 108 | 80-120 | |
| 2-Butanone (MEK) | 100 | 139 | 139 | 65-142 | |
| 2-Hexanone | 100 | 129 | 129 | 72-134 | |
| 4-Methyl-2-pentanone (MIBK) | 100 | 115 | 115 | 77-130 | |
| Acetone | 100 | 120 | 120 | 60-133 | |
| Benzene | 20.0 | 18.7 | 93 | 71-126 | |
| Bromoform | 20.0 | 25.2 | 126 | 58-128 | |
| Bromomethane | 20.0 | 17.6 | 88 | 33-150 | |
| Carbon disulfide | 20.0 | 12.1 | 61 | 35-150 | |
| Carbon tetrachloride | 20.0 | 18.7 | 93 | 65-131 | |
| Chlorobenzene | 20.0 | 21.6 | 108 | 80-120 | |
| Chlorobromomethane | 20.0 | 22.7 | 114 | 71-134 | |
| Chlorodibromomethane | 20.0 | 23.1 | 116 | 73-121 | |
| Chloroethane | 20.0 | 18.0 | 90 | 54-150 | |
| Chloroform | 20.0 | 19.5 | 98 | 78-125 | |
| Chloromethane | 20.0 | 14.3 | 72 | 43-149 | |
| cis-1,2-Dichloroethene | 20.0 | 19.1 | 95 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 20.3 | 101 | 74-125 | |
| Cyclohexane | 20.0 | 12.9 | 64 | 64-142 | |
| Dichlorobromomethane | 20.0 | 20.0 | 100 | 76-121 | |
| Dichlorodifluoromethane | 20.0 | 19.4 | 97 | 38-144 | |
| Ethylbenzene | 20.0 | 21.9 | 110 | 78-120 | |
| Ethylene Dibromide | 20.0 | 23.0 | 115 | 79-126 | |
| Isopropylbenzene | 20.0 | 21.7 | 109 | 79-125 | |
| Methyl acetate | 40.0 | 30.3 | 76 | 50-147 | |
| Methyl tert-butyl ether | 20.0 | 20.0 | 100 | 72-131 | |
| Methylcyclohexane | 20.0 | 16.1 | 81 | 63-138 | |
| Methylene Chloride | 20.0 | 18.4 | 92 | 74-127 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A22177.D

Lab ID: LCS 460-1020540/4 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 20.0 | 21.3 | 107 | 78-120 | |
| o-Xylene | 20.0 | 22.4 | 112 | 78-120 | |
| Styrene | 20.0 | 22.2 | 111 | 82-127 | |
| Tetrachloroethene | 20.0 | 20.6 | 103 | 70-127 | |
| Toluene | 20.0 | 19.2 | 96 | 78-120 | |
| trans-1,2-Dichloroethene | 20.0 | 18.2 | 91 | 70-126 | |
| trans-1,3-Dichloropropene | 20.0 | 20.3 | 102 | 71-127 | |
| Trichloroethene | 20.0 | 18.7 | 94 | 73-121 | |
| Trichlorofluoromethane | 20.0 | 19.8 | 99 | 62-134 | |
| Vinyl chloride | 20.0 | 16.6 | 83 | 55-144 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24940.D

Lab ID: LCS 460-1020626/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0195 | 98 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0193 | 97 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0212 | 106 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0197 | 98 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0192 | 96 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0202 | 101 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0177 | 89 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0169 | 84 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0188 | 94 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0184 | 92 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0181 | 91 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0188 | 94 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0185 | 92 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0182 | 91 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0907 | 91 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0911 | 91 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0927 | 93 | 80-120 | |
| Acetone | 0.100 | 0.0856 | 86 | 58-122 | |
| Benzene | 0.0200 | 0.0192 | 96 | 75-120 | |
| Bromoform | 0.0200 | 0.0181 | 90 | 61-125 | |
| Bromomethane | 0.0200 | 0.0401 | 201 | 37-150 | * |
| Carbon disulfide | 0.0200 | 0.0189 | 94 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0192 | 96 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0188 | 94 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0197 | 98 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0186 | 93 | 72-120 | |
| Chloroethane | 0.0200 | 0.0206 | 103 | 60-123 | |
| Chloroform | 0.0200 | 0.0195 | 98 | 79-126 | |
| Chloromethane | 0.0200 | 0.0194 | 97 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0196 | 98 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0179 | 90 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0204 | 102 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0189 | 94 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0214 | 107 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0190 | 95 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0187 | 93 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0186 | 93 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0393 | 98 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0194 | 97 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0203 | 101 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0184 | 92 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24940.D

Lab ID: LCS 460-1020626/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0183 | 92 | 80-120 | |
| o-Xylene | 0.0200 | 0.0189 | 94 | 80-120 | |
| Styrene | 0.0200 | 0.0184 | 92 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0189 | 95 | 73-120 | |
| Toluene | 0.0200 | 0.0191 | 95 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0194 | 97 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0171 | 86 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0196 | 98 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0216 | 108 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0208 | 104 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B20340.D

Lab ID: LCSD 460-1020506/4 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0203 | 101 | 3 | 30 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0174 | 87 | 1 | 30 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0208 | 104 | 7 | 30 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0170 | 85 | 1 | 30 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0204 | 102 | 3 | 30 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0198 | 99 | 4 | 30 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0206 | 103 | 7 | 30 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0206 | 103 | 7 | 30 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0160 | 80 | 1 | 30 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0191 | 96 | 4 | 30 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0183 | 91 | 3 | 30 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0191 | 96 | 4 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0208 | 104 | 4 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0199 | 99 | 3 | 30 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0923 | 92 | 3 | 30 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0956 | 96 | 1 | 30 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0952 | 95 | 4 | 30 | 80-120 | |
| Acetone | 0.100 | 0.0995 | 99 | 6 | 30 | 58-122 | |
| Benzene | 0.0200 | 0.0185 | 92 | 4 | 30 | 75-120 | |
| Bromoform | 0.0200 | 0.0179 | 89 | 4 | 30 | 61-125 | |
| Bromomethane | 0.0200 | 0.0141 | 71 | 7 | 30 | 37-150 | |
| Carbon disulfide | 0.0200 | 0.0218 | 109 | 4 | 30 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0213 | 106 | 5 | 30 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0198 | 99 | 5 | 30 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0183 | 92 | 5 | 30 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0184 | 92 | 3 | 30 | 72-120 | |
| Chloroethane | 0.0200 | 0.0142 | 71 | 4 | 30 | 60-123 | |
| Chloroform | 0.0200 | 0.0198 | 99 | 1 | 30 | 79-126 | |
| Chloromethane | 0.0200 | 0.0163 | 81 | 12 | 30 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0200 | 100 | 4 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0173 | 87 | 5 | 30 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0204 | 102 | 7 | 30 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0187 | 94 | 3 | 30 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0155 | 77 | 2 | 30 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0200 | 100 | 2 | 30 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0182 | 91 | 2 | 30 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0189 | 95 | 3 | 30 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0356 | 89 | 1 | 30 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0167 | 84 | 2 | 30 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0208 | 104 | 5 | 30 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0193 | 96 | 2 | 30 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: B20340.D

Lab ID: LCSD 460-1020506/4 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0193 | 96 | 3 | 30 | 80-120 | |
| o-Xylene | 0.0200 | 0.0188 | 94 | 4 | 30 | 80-120 | |
| Styrene | 0.0200 | 0.0176 | 88 | 4 | 30 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0222 | 111 | 1 | 30 | 73-120 | |
| Toluene | 0.0200 | 0.0188 | 94 | 4 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0205 | 103 | 3 | 30 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0161 | 81 | 2 | 30 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0211 | 105 | 4 | 30 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0135 | 68 | 4 | 30 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0154 | 77 | 5 | 30 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24910.D

Lab ID: LCSD 460-1020507/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0196 | 98 | 2 | 30 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0191 | 96 | 0 | 30 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0215 | 108 | 3 | 30 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0193 | 97 | 0 | 30 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0193 | 96 | 0 | 30 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0207 | 104 | 1 | 30 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0200 | 100 | 9 | 30 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0196 | 98 | 9 | 30 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0187 | 93 | 1 | 30 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0192 | 96 | 3 | 30 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0176 | 88 | 0 | 30 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0189 | 94 | 0 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0199 | 99 | 3 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0199 | 100 | 3 | 30 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0960 | 96 | 0 | 30 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0918 | 92 | 1 | 30 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0944 | 94 | 1 | 30 | 80-120 | |
| Acetone | 0.100 | 0.0895 | 89 | 1 | 30 | 58-122 | |
| Benzene | 0.0200 | 0.0194 | 97 | 0 | 30 | 75-120 | |
| Bromoform | 0.0200 | 0.0181 | 91 | 1 | 30 | 61-125 | |
| Bromomethane | 0.0200 | 0.0413 | 207 | 1 | 30 | 37-150 | * |
| Carbon disulfide | 0.0200 | 0.0198 | 99 | 1 | 30 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0193 | 96 | 0 | 30 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0194 | 97 | 1 | 30 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0193 | 96 | 1 | 30 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0181 | 91 | 0 | 30 | 72-120 | |
| Chloroethane | 0.0200 | 0.0215 | 108 | 3 | 30 | 60-123 | |
| Chloroform | 0.0200 | 0.0194 | 97 | 0 | 30 | 79-126 | |
| Chloromethane | 0.0200 | 0.0202 | 101 | 2 | 30 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0197 | 98 | 1 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0185 | 93 | 1 | 30 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0209 | 105 | 4 | 30 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0187 | 93 | 0 | 30 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0228 | 114 | 2 | 30 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0196 | 98 | 3 | 30 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0183 | 91 | 1 | 30 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0194 | 97 | 6 | 30 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0366 | 91 | 1 | 30 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0186 | 93 | 1 | 30 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0204 | 102 | 10 | 30 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0180 | 90 | 2 | 30 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24910.D

Lab ID: LCSD 460-1020507/3 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0190 | 95 | 2 | 30 | 80-120 | |
| o-Xylene | 0.0200 | 0.0194 | 97 | 1 | 30 | 80-120 | |
| Styrene | 0.0200 | 0.0189 | 94 | 1 | 30 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0197 | 99 | 2 | 30 | 73-120 | |
| Toluene | 0.0200 | 0.0194 | 97 | 0 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0198 | 99 | 1 | 30 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0177 | 88 | 1 | 30 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0193 | 96 | 1 | 30 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0226 | 113 | 2 | 30 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0217 | 108 | 3 | 30 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A22178.D

Lab ID: LCSD 460-1020540/5 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 20.0 | 20.2 | 101 | 6 | 30 | 72-128 | |
| 1,1,2,2-Tetrachloroethane | 20.0 | 23.2 | 116 | 7 | 30 | 63-139 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 20.0 | 19.8 | 99 | 9 | 30 | 65-142 | |
| 1,1,2-Trichloroethane | 20.0 | 21.9 | 110 | 3 | 30 | 74-125 | |
| 1,1-Dichloroethane | 20.0 | 17.9 | 90 | 4 | 30 | 73-130 | |
| 1,1-Dichloroethene | 20.0 | 18.4 | 92 | 7 | 30 | 68-133 | |
| 1,2,3-Trichlorobenzene | 20.0 | 24.1 | 121 | 8 | 30 | 55-150 | |
| 1,2,4-Trichlorobenzene | 20.0 | 22.3 | 112 | 0 | 30 | 67-132 | |
| 1,2-Dibromo-3-Chloropropane | 20.0 | 24.9 | 124 | 2 | 30 | 58-132 | |
| 1,2-Dichlorobenzene | 20.0 | 23.7 | 118 | 7 | 30 | 80-120 | |
| 1,2-Dichloroethane | 20.0 | 18.5 | 93 | 6 | 30 | 66-129 | |
| 1,2-Dichloropropane | 20.0 | 18.2 | 91 | 7 | 30 | 72-128 | |
| 1,3-Dichlorobenzene | 20.0 | 23.1 | 116 | 4 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 20.0 | 23.6 | 118 | 9 | 30 | 80-120 | |
| 2-Butanone (MEK) | 100 | 151 | 151 | 8 | 30 | 65-142 | * |
| 2-Hexanone | 100 | 143 | 143 | 10 | 30 | 72-134 | * |
| 4-Methyl-2-pentanone (MIBK) | 100 | 124 | 124 | 7 | 30 | 77-130 | |
| Acetone | 100 | 120 | 120 | 0 | 30 | 60-133 | |
| Benzene | 20.0 | 19.9 | 99 | 6 | 30 | 71-126 | |
| Bromoform | 20.0 | 25.4 | 127 | 1 | 30 | 58-128 | |
| Bromomethane | 20.0 | 20.1 | 100 | 13 | 30 | 33-150 | |
| Carbon disulfide | 20.0 | 13.4 | 67 | 10 | 30 | 35-150 | |
| Carbon tetrachloride | 20.0 | 20.0 | 100 | 7 | 30 | 65-131 | |
| Chlorobenzene | 20.0 | 22.8 | 114 | 5 | 30 | 80-120 | |
| Chlorobromomethane | 20.0 | 22.7 | 113 | 0 | 30 | 71-134 | |
| Chlorodibromomethane | 20.0 | 25.0 | 125 | 8 | 30 | 73-121 | * |
| Chloroethane | 20.0 | 19.1 | 96 | 6 | 30 | 54-150 | |
| Chloroform | 20.0 | 20.7 | 104 | 6 | 30 | 78-125 | |
| Chloromethane | 20.0 | 15.6 | 78 | 9 | 30 | 43-149 | |
| cis-1,2-Dichloroethene | 20.0 | 21.2 | 106 | 10 | 30 | 78-121 | |
| cis-1,3-Dichloropropene | 20.0 | 21.2 | 106 | 4 | 30 | 74-125 | |
| Cyclohexane | 20.0 | 14.3 | 71 | 10 | 30 | 64-142 | |
| Dichlorobromomethane | 20.0 | 21.4 | 107 | 7 | 30 | 76-121 | |
| Dichlorodifluoromethane | 20.0 | 21.2 | 106 | 9 | 30 | 38-144 | |
| Ethylbenzene | 20.0 | 23.0 | 115 | 5 | 30 | 78-120 | |
| Ethylene Dibromide | 20.0 | 24.1 | 120 | 5 | 30 | 79-126 | |
| Isopropylbenzene | 20.0 | 23.1 | 115 | 6 | 30 | 79-125 | |
| Methyl acetate | 40.0 | 33.0 | 82 | 8 | 30 | 50-147 | |
| Methyl tert-butyl ether | 20.0 | 20.7 | 103 | 3 | 30 | 72-131 | |
| Methylcyclohexane | 20.0 | 17.5 | 88 | 8 | 30 | 63-138 | |
| Methylene Chloride | 20.0 | 19.2 | 96 | 4 | 30 | 74-127 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A22178.D

Lab ID: LCSD 460-1020540/5 Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 20.0 | 23.2 | 116 | 9 | 30 | 78-120 | |
| o-Xylene | 20.0 | 23.6 | 118 | 5 | 30 | 78-120 | |
| Styrene | 20.0 | 23.8 | 119 | 7 | 30 | 82-127 | |
| Tetrachloroethene | 20.0 | 22.0 | 110 | 7 | 30 | 70-127 | |
| Toluene | 20.0 | 20.8 | 104 | 8 | 30 | 78-120 | |
| trans-1,2-Dichloroethene | 20.0 | 20.1 | 100 | 10 | 30 | 70-126 | |
| trans-1,3-Dichloropropene | 20.0 | 21.6 | 108 | 6 | 30 | 71-127 | |
| Trichloroethene | 20.0 | 20.7 | 104 | 10 | 30 | 73-121 | |
| Trichlorofluoromethane | 20.0 | 20.8 | 104 | 5 | 30 | 62-134 | |
| Vinyl chloride | 20.0 | 18.2 | 91 | 9 | 30 | 55-144 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24941.D

Lab ID: LCSD 460-1020626/4 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1,1-Trichloroethane | 0.0200 | 0.0201 | 101 | 3 | 30 | 78-120 | |
| 1,1,2,2-Tetrachloroethane | 0.0200 | 0.0204 | 102 | 5 | 30 | 70-133 | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0200 | 0.0220 | 110 | 3 | 30 | 75-121 | |
| 1,1,2-Trichloroethane | 0.0200 | 0.0206 | 103 | 5 | 30 | 80-120 | |
| 1,1-Dichloroethane | 0.0200 | 0.0199 | 100 | 4 | 30 | 72-120 | |
| 1,1-Dichloroethene | 0.0200 | 0.0210 | 105 | 4 | 30 | 76-120 | |
| 1,2,3-Trichlorobenzene | 0.0200 | 0.0196 | 98 | 10 | 30 | 77-137 | |
| 1,2,4-Trichlorobenzene | 0.0200 | 0.0185 | 92 | 9 | 30 | 77-136 | |
| 1,2-Dibromo-3-Chloropropane | 0.0200 | 0.0195 | 97 | 3 | 30 | 80-124 | |
| 1,2-Dichlorobenzene | 0.0200 | 0.0194 | 97 | 5 | 30 | 80-120 | |
| 1,2-Dichloroethane | 0.0200 | 0.0189 | 95 | 4 | 30 | 70-123 | |
| 1,2-Dichloropropane | 0.0200 | 0.0197 | 99 | 5 | 30 | 73-124 | |
| 1,3-Dichlorobenzene | 0.0200 | 0.0196 | 98 | 6 | 30 | 80-120 | |
| 1,4-Dichlorobenzene | 0.0200 | 0.0192 | 96 | 5 | 30 | 80-120 | |
| 2-Butanone (MEK) | 0.100 | 0.0970 | 97 | 7 | 30 | 64-128 | |
| 2-Hexanone | 0.100 | 0.0956 | 96 | 5 | 30 | 75-120 | |
| 4-Methyl-2-pentanone (MIBK) | 0.100 | 0.0981 | 98 | 6 | 30 | 80-120 | |
| Acetone | 0.100 | 0.0895 | 89 | 4 | 30 | 58-122 | |
| Benzene | 0.0200 | 0.0200 | 100 | 4 | 30 | 75-120 | |
| Bromoform | 0.0200 | 0.0195 | 97 | 7 | 30 | 61-125 | |
| Bromomethane | 0.0200 | 0.0399 | 199 | 1 | 30 | 37-150 | * |
| Carbon disulfide | 0.0200 | 0.0197 | 99 | 4 | 30 | 57-133 | |
| Carbon tetrachloride | 0.0200 | 0.0198 | 99 | 3 | 30 | 66-127 | |
| Chlorobenzene | 0.0200 | 0.0197 | 99 | 4 | 30 | 80-120 | |
| Chlorobromomethane | 0.0200 | 0.0205 | 102 | 4 | 30 | 76-127 | |
| Chlorodibromomethane | 0.0200 | 0.0195 | 97 | 5 | 30 | 72-120 | |
| Chloroethane | 0.0200 | 0.0202 | 101 | 2 | 30 | 60-123 | |
| Chloroform | 0.0200 | 0.0201 | 100 | 3 | 30 | 79-126 | |
| Chloromethane | 0.0200 | 0.0190 | 95 | 2 | 30 | 46-122 | |
| cis-1,2-Dichloroethene | 0.0200 | 0.0204 | 102 | 4 | 30 | 80-123 | |
| cis-1,3-Dichloropropene | 0.0200 | 0.0187 | 94 | 4 | 30 | 75-120 | |
| Cyclohexane | 0.0200 | 0.0212 | 106 | 4 | 30 | 65-132 | |
| Dichlorobromomethane | 0.0200 | 0.0198 | 99 | 5 | 30 | 77-124 | |
| Dichlorodifluoromethane | 0.0200 | 0.0207 | 104 | 3 | 30 | 45-129 | |
| Ethylbenzene | 0.0200 | 0.0196 | 98 | 4 | 30 | 80-120 | |
| Ethylene Dibromide | 0.0200 | 0.0196 | 98 | 5 | 30 | 79-120 | |
| Isopropylbenzene | 0.0200 | 0.0196 | 98 | 5 | 30 | 74-120 | |
| Methyl acetate | 0.0400 | 0.0416 | 104 | 6 | 30 | 57-120 | |
| Methyl tert-butyl ether | 0.0200 | 0.0204 | 102 | 5 | 30 | 74-125 | |
| Methylcyclohexane | 0.0200 | 0.0212 | 106 | 4 | 30 | 66-125 | |
| Methylene Chloride | 0.0200 | 0.0190 | 95 | 4 | 30 | 78-120 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D24941.D

Lab ID: LCSD 460-1020626/4 Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| m-Xylene & p-Xylene | 0.0200 | 0.0192 | 96 | 5 | 30 | 80-120 | |
| o-Xylene | 0.0200 | 0.0196 | 98 | 4 | 30 | 80-120 | |
| Styrene | 0.0200 | 0.0193 | 97 | 5 | 30 | 80-120 | |
| Tetrachloroethene | 0.0200 | 0.0199 | 99 | 5 | 30 | 73-120 | |
| Toluene | 0.0200 | 0.0201 | 101 | 5 | 30 | 80-120 | |
| trans-1,2-Dichloroethene | 0.0200 | 0.0204 | 102 | 5 | 30 | 78-120 | |
| trans-1,3-Dichloropropene | 0.0200 | 0.0179 | 89 | 4 | 30 | 77-120 | |
| Trichloroethene | 0.0200 | 0.0203 | 101 | 4 | 30 | 80-120 | |
| Trichlorofluoromethane | 0.0200 | 0.0210 | 105 | 3 | 30 | 61-130 | |
| Vinyl chloride | 0.0200 | 0.0203 | 102 | 3 | 30 | 54-122 | |

# Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab File ID: B20343.D Lab Sample ID: MB 460-1020506/7

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

Instrument ID: CVOAMS2 Date Analyzed: 02/10/2025 18:57

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020506/3 | B20339.D | 02/10/2025 17:17 |
| | LCSD 460-1020506/4 | B20340.D | 02/10/2025 17:42 |
| | LB3 460-1020016/1-A | B20344.D | 02/10/2025 19:21 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab File ID: D24912.D Lab Sample ID: MB 460-1020507/5

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

Instrument ID: CVOAMS4 Date Analyzed: 02/10/2025 18:12

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020507/2 | D24909.D | 02/10/2025 17:03 |
| | LCSD 460-1020507/3 | D24910.D | 02/10/2025 17:26 |
| RX-21-01_0-2 | 460-319954-1 | D24930.D | 02/11/2025 01:09 |
| RX-18-01_0-2 | 460-319954-2 | D24931.D | 02/11/2025 01:32 |
| RX-20-01_0-2 | 460-319954-3 | D24932.D | 02/11/2025 01:55 |
| RX-22-01_0-2 | 460-319954-4 | D24933.D | 02/11/2025 02:18 |
| RX-19-01_0-2 | 460-319954-5 | D24934.D | 02/11/2025 02:42 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: D24944.D  Lab Sample ID: MB 460-1020626/7

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

Instrument ID: CVOAMS4  Date Analyzed: 02/11/2025 06:32

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020626/3 | D24940.D | 02/11/2025 05:00 |
| | LCSD 460-1020626/4 | D24941.D | 02/11/2025 05:23 |
| DUP_02052025 | 460-319954-6 | D24954.D | 02/11/2025 12:46 |

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab File ID: A22181.D Lab Sample ID: MB 460-1020540/8

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

Instrument ID: CVOAMS1 Date Analyzed: 02/10/2025 23:01

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020540/4 | A22177.D | 02/10/2025 21:22 |
| | LCSD 460-1020540/5 | A22178.D | 02/10/2025 21:47 |
| FB_02052025 | 460-319954-7 | A22194.D | 02/11/2025 04:20 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: A18530.D  BFB Injection Date: 10/22/2024

Instrument ID: CVOAMS1  BFB Injection Time: 02:25

Analysis Batch No.: 1002673

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 100.0 (135.9) 1 |
| 96 | 5 - 9% of m/z 95 | 6.6 |
| 173 | Less than 2% of m/z 174 | 0.7 (0.9) 1 |
| 174 | 50 - 200% of m/z 95 | 73.6 |
| 175 | 5 - 9% of m/z 174 | 5.8 (7.9) 1 |
| 176 | 95 -105% of m/z 174 | 71.0 (96.5) 1 |
| 177 | 5 - 10% of m/z 176 | 4.8 (6.7) 2 |

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

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | STD7 460-1002673/3 | A18532.D | 10/22/2024 | 3:15 |
| | STD1 460-1002673/4 | A18533.D | 10/22/2024 | 3:40 |
| | STD5 460-1002673/5 | A18534.D | 10/22/2024 | 4:05 |
| | STD20 460-1002673/6 | A18535.D | 10/22/2024 | 4:31 |
| | STD50 460-1002673/7 | A18536.D | 10/22/2024 | 4:56 |
| | STD200 460-1002673/8 | A18537.D | 10/22/2024 | 5:22 |
| | STD500 460-1002673/9 | A18538.D | 10/22/2024 | 5:47 |
| | ICV 460-1002673/18 | A18547.D | 10/22/2024 | 9:49 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: B19226.D  BFB Injection Date: 01/17/2025

Instrument ID: CVOAMS2  BFB Injection Time: 05:08

Analysis Batch No.: 1016958

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 100.0 (158.8) 1 |
| 96 | 5 - 9% of m/z 95 | 6.8 |
| 173 | Less than 2% of m/z 174 | 0.0 (0.0) 1 |
| 174 | 50 - 200% of m/z 95 | 63.0 |
| 175 | 5 - 9% of m/z 174 | 4.4 (7.1) 1 |
| 176 | 95 -105% of m/z 174 | 63.4 (100.7) 1 |
| 177 | 5 - 10% of m/z 176 | 3.8 (6.0) 2 |

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

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | STD1 460-1016958/3 | B19228.D | 01/17/2025 | 6:46 |
| | STD5 460-1016958/4 | B19229.D | 01/17/2025 | 7:12 |
| | STD20 460-1016958/5 | B19230.D | 01/17/2025 | 7:36 |
| | STD50 460-1016958/6 | B19231.D | 01/17/2025 | 8:01 |
| | STD200 460-1016958/7 | B19232.D | 01/17/2025 | 8:26 |
| | STD500 460-1016958/8 | B19233.D | 01/17/2025 | 8:51 |
| | ICV 460-1016958/15 | B19240.D | 01/17/2025 | 11:45 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: D24793.D  BFB Injection Date: 02/07/2025

Instrument ID: CVOAMS4  BFB Injection Time: 04:30

Analysis Batch No.: 1020046

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 95 | 50 - 200% of m/z 174 | 100.0 (146.9) 1 |
| 96 | 5 - 9% of m/z 95 | 6.1 |
| 173 | Less than 2% of m/z 174 | 0.0 (0.0) 1 |
| 174 | 50 - 200% of m/z 95 | 68.1 |
| 175 | 5 - 9% of m/z 174 | 5.5 (8.1) 1 |
| 176 | 95 -105% of m/z 174 | 65.3 (95.9) 1 |
| 177 | 5 - 10% of m/z 176 | 4.3 (6.7) 2 |

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

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | STD1 460-1020046/3 | D24795.D | 02/07/2025 | 5:24 |
| | STD5 460-1020046/4 | D24796.D | 02/07/2025 | 5:47 |
| | STD20 460-1020046/5 | D24797.D | 02/07/2025 | 6:10 |
| | STD50 460-1020046/6 | D24798.D | 02/07/2025 | 6:33 |
| | STD200 460-1020046/7 | D24799.D | 02/07/2025 | 6:56 |
| | STD500 460-1020046/8 | D24800.D | 02/07/2025 | 7:19 |
| | ICV 460-1020046/15 | D24807.D | 02/07/2025 | 10:01 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1002673/6 Date Analyzed: 10/22/2024 04:31

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A18535.D Heated Purge: (Y/N) N

Calibration ID: 98997

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 214260 | 3.17 | 320797 | 4.27 | 622344 | 5.44 |
| UPPER LIMIT | | 428520 | 3.67 | 641594 | 4.77 | 1244688 | 5.94 |
| LOWER LIMIT | | 107130 | 2.67 | 160399 | 3.77 | 311172 | 4.94 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1002673/18 | | 206859 | 3.16 | 314622 | 4.27 | 638509 | 5.44 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1002673/6 Date Analyzed: 10/22/2024 04:31

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A18535.D Heated Purge: (Y/N) N

Calibration ID: 98997

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 28065 | 6.21 | 458739 | 9.38 | 226706 | 11.27 |
| UPPER LIMIT | | 56130 | 6.71 | 917478 | 9.88 | 453412 | 11.77 |
| LOWER LIMIT | | 14033 | 5.71 | 229370 | 8.88 | 113353 | 10.77 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1002673/18 | | 26417 | 6.21 | 467726 | 9.38 | 226731 | 11.28 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020540/2 Date Analyzed: 02/10/2025 20:33

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): A22175.D Heated Purge: (Y/N) N

Calibration ID: 98997

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 245626 | 3.13 | 289407 | 4.22 | 800845 | 5.39 |
| UPPER LIMIT | | 491252 | 3.63 | 578814 | 4.72 | 1601690 | 5.89 |
| LOWER LIMIT | | 122813 | 2.63 | 144704 | 3.72 | 400423 | 4.89 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020540/4 | | 275148 | 3.13 | 313633 | 4.22 | 804482 | 5.39 |
| LCSD 460-1020540/5 | | 263421 | 3.13 | 301840 | 4.22 | 796934 | 5.39 |
| MB 460-1020540/8 | | 258695 | 3.13 | 299590 | 4.22 | 790842 | 5.39 |
| 460-319954-7 | FB_02052025 | 207062 | 3.13 | 244999 | 4.22 | 602463 | 5.39 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020540/2  Date Analyzed: 02/10/2025 20:33

Instrument ID: CVOAMS1  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): A22175.D  Heated Purge: (Y/N) N

Calibration ID: 98997

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 35884 | 6.16 | 581436 | 9.33 | 294173 | 11.23 |
| UPPER LIMIT | | 71768 | 6.66 | 1162872 | 9.83 | 588346 | 11.73 |
| LOWER LIMIT | | 17942 | 5.66 | 290718 | 8.83 | 147087 | 10.73 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020540/4 | | 39564 | 6.16 | 577393 | 9.33 | 299011 | 11.23 |
| LCSD 460-1020540/5 | | 37555 | 6.16 | 580049 | 9.33 | 295569 | 11.23 |
| MB 460-1020540/8 | | 33004 | 6.15 | 560730 | 9.33 | 289237 | 11.23 |
| 460-319954-7 | FB_02052025 | 26610 | 6.16 | 429988 | 9.33 | 218974 | 11.23 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1016958/5 Date Analyzed: 01/17/2025 07:36

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B19230.D Heated Purge: (Y/N) Y

Calibration ID: 99864

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 542078 | 2.24 | 453584 | 3.12 | 597119 | 4.23 |
| UPPER LIMIT | | 1084156 | 2.74 | 907168 | 3.62 | 1194238 | 4.73 |
| LOWER LIMIT | | 271039 | 1.74 | 226792 | 2.62 | 298560 | 3.73 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1016958/15 | | 521048 | 2.23 | 435465 | 3.12 | 553386 | 4.23 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1016958/5 Date Analyzed: 01/17/2025 07:36

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B19230.D Heated Purge: (Y/N) Y

Calibration ID: 99864

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 27657 | 4.98 | 370789 | 7.76 | 203139 | 9.74 |
| UPPER LIMIT | | 55314 | 5.48 | 741578 | 8.26 | 406278 | 10.24 |
| LOWER LIMIT | | 13829 | 4.48 | 185395 | 7.26 | 101570 | 9.24 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1016958/15 | | 26895 | 4.98 | 351636 | 7.76 | 194062 | 9.74 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020506/2 Date Analyzed: 02/10/2025 16:52

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B20338.D Heated Purge: (Y/N) Y

Calibration ID: 99864

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 508118 | 2.23 | 519551 | 3.12 | 786724 | 4.22 |
| UPPER LIMIT | | 1016236 | 2.73 | 1039102 | 3.62 | 1573448 | 4.72 |
| LOWER LIMIT | | 254059 | 1.73 | 259776 | 2.62 | 393362 | 3.72 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020506/3 | | 441087 | 2.22 | 477766 | 3.12 | 773386 | 4.22 |
| LCSD 460-1020506/4 | | 459427 | 2.23 | 495255 | 3.12 | 776897 | 4.22 |
| MB 460-1020506/7 | | 511127 | 2.22 | 538607 | 3.12 | 737788 | 4.22 |
| LB3 460-1020016/1-A | | 435405 | 2.22 | 452716 | 3.12 | 748884 | 4.22 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020506/2 Date Analyzed: 02/10/2025 16:52

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): B20338.D Heated Purge: (Y/N) Y

Calibration ID: 99864

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 32003 | 4.98 | 526389 | 7.76 | 290974 | 9.73 |
| UPPER LIMIT | | 64006 | 5.48 | 1052778 | 8.26 | 581948 | 10.23 |
| LOWER LIMIT | | 16002 | 4.48 | 263195 | 7.26 | 145487 | 9.23 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020506/3 | | 27716 | 4.98 | 515326 | 7.75 | 288114 | 9.73 |
| LCSD 460-1020506/4 | | 29211 | 4.98 | 521816 | 7.76 | 290650 | 9.73 |
| MB 460-1020506/7 | | 31457 | 4.98 | 484745 | 7.75 | 279954 | 9.73 |
| LB3 460-1020016/1-A | | 26504 | 4.98 | 485533 | 7.75 | 281426 | 9.73 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1020046/5 Date Analyzed: 02/07/2025 06:10

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D24797.D Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 313444 | 3.36 | 303209 | 4.64 | 621850 | 5.96 |
| UPPER LIMIT | | 626888 | 3.86 | 606418 | 5.14 | 1243700 | 6.46 |
| LOWER LIMIT | | 156722 | 2.86 | 151605 | 4.14 | 310925 | 5.46 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1020046/15 | | 282349 | 3.34 | 289150 | 4.62 | 649717 | 5.96 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: STD20 460-1020046/5 Date Analyzed: 02/07/2025 06:10

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D24797.D Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 26462 | 6.83 | 415649 | 9.16 | 200783 | 11.00 |
| UPPER LIMIT | | 52924 | 7.33 | 831298 | 9.66 | 401566 | 11.50 |
| LOWER LIMIT | | 13231 | 6.33 | 207825 | 8.66 | 100392 | 10.50 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1020046/15 | | 24981 | 6.81 | 434063 | 9.16 | 209818 | 10.99 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020507/1  Date Analyzed: 02/10/2025 16:40

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D24908.D  Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 306474 | 3.33 | 297788 | 4.61 | 665735 | 5.93 |
| UPPER LIMIT | | 612948 | 3.83 | 595576 | 5.11 | 1331470 | 6.43 |
| LOWER LIMIT | | 153237 | 2.83 | 148894 | 4.11 | 332868 | 5.43 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020507/2 | | 324896 | 3.33 | 313127 | 4.61 | 688939 | 5.93 |
| LCSD 460-1020507/3 | | 310895 | 3.33 | 304884 | 4.61 | 684114 | 5.93 |
| MB 460-1020507/5 | | 418666 | 3.33 | 397854 | 4.61 | 700946 | 5.93 |
| 460-319954-1 | RX-21-01_0-2 | 282453 | 3.33 | 286181 | 4.60 | 718118 | 5.93 |
| 460-319954-2 | RX-18-01_0-2 | 267978 | 3.33 | 277806 | 4.60 | 704354 | 5.93 |
| 460-319954-3 | RX-20-01_0-2 | 284299 | 3.33 | 284915 | 4.60 | 715185 | 5.93 |
| 460-319954-4 | RX-22-01_0-2 | 278591 | 3.33 | 280593 | 4.60 | 699598 | 5.93 |
| 460-319954-5 | RX-19-01_0-2 | 323571 | 3.33 | 315691 | 4.60 | 704572 | 5.93 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020507/1  Date Analyzed: 02/10/2025 16:40

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D24908.D  Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 28136 | 6.80 | 450620 | 9.15 | 220721 | 10.98 |
| UPPER LIMIT | | 56272 | 7.30 | 901240 | 9.65 | 441442 | 11.48 |
| LOWER LIMIT | | 14068 | 6.30 | 225310 | 8.65 | 110361 | 10.48 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020507/2 | | 29391 | 6.80 | 468703 | 9.15 | 227194 | 10.98 |
| LCSD 460-1020507/3 | | 27678 | 6.80 | 463188 | 9.15 | 224656 | 10.98 |
| MB 460-1020507/5 | | 36151 | 6.79 | 478160 | 9.15 | 226598 | 10.98 |
| 460-319954-1 | RX-21-01_0-2 | 17555 | 6.79 | 474505 | 9.14 | 215736 | 10.98 |
| 460-319954-2 | RX-18-01_0-2 | 18052 | 6.79 | 466927 | 9.14 | 215179 | 10.98 |
| 460-319954-3 | RX-20-01_0-2 | 20934 | 6.79 | 480231 | 9.14 | 222715 | 10.98 |
| 460-319954-4 | RX-22-01_0-2 | 19920 | 6.79 | 469234 | 9.14 | 220474 | 10.98 |
| 460-319954-5 | RX-19-01_0-2 | 22940 | 6.79 | 472436 | 9.14 | 220094 | 10.98 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020626/1  Date Analyzed: 02/11/2025 04:14

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)

Lab File ID (Standard): D24938.D  Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | TBAd9 | | BUT | | FB | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 386283 | 3.33 | 367224 | 4.60 | 735913 | 5.93 |
| UPPER LIMIT | | 772566 | 3.83 | 734448 | 5.10 | 1471826 | 6.43 |
| LOWER LIMIT | | 193142 | 2.83 | 183612 | 4.10 | 367957 | 5.43 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020626/3 | | 369882 | 3.33 | 349227 | 4.60 | 733537 | 5.93 |
| LCSD 460-1020626/4 | | 375357 | 3.33 | 354632 | 4.60 | 735786 | 5.93 |
| MB 460-1020626/7 | | 498916 | 3.33 | 446126 | 4.60 | 734334 | 5.93 |
| 460-319954-6 | DUP_02052025 | 226127 | 3.32 | 239062 | 4.60 | 706679 | 5.93 |

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020626/1 Date Analyzed: 02/11/2025 04:14

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D24938.D Heated Purge: (Y/N) Y

Calibration ID: 100137

| | | DXE | | CBNZd5 | | DCBd4 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 32355 | 6.79 | 498666 | 9.14 | 246321 | 10.98 |
| UPPER LIMIT | | 64710 | 7.29 | 997332 | 9.64 | 492642 | 11.48 |
| LOWER LIMIT | | 16178 | 6.29 | 249333 | 8.64 | 123161 | 10.48 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020626/3 | | 33159 | 6.79 | 498998 | 9.14 | 244857 | 10.98 |
| LCSD 460-1020626/4 | | 32543 | 6.79 | 501795 | 9.14 | 245688 | 10.98 |
| MB 460-1020626/7 | | 41811 | 6.79 | 503522 | 9.14 | 240383 | 10.98 |
| 460-319954-6 | DUP_02052025 | 18475 | 6.79 | 474906 | 9.14 | 212593 | 10.98 |

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: D24930.D

Analysis Method: 8260D | Date Collected: 02/05/2025 08:45

Sample wt/vol: 3.68(g) | Date Analyzed: 02/11/2025 01:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 0.6 % Solids: 99.4 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0014 | U | 0.0014 | 0.00032 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0014 | U | 0.0014 | 0.00029 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0014 | U | 0.0014 | 0.00041 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0014 | U | 0.0014 | 0.00024 |
| 75-34-3 | 1,1-Dichloroethane | 0.0014 | U | 0.0014 | 0.00028 |
| 75-35-4 | 1,1-Dichloroethene | 0.0014 | U | 0.0014 | 0.00031 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00025 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00049 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0014 | U | 0.0014 | 0.00063 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00049 |
| 107-06-2 | 1,2-Dichloroethane | 0.0014 | U | 0.0014 | 0.00040 |
| 78-87-5 | 1,2-Dichloropropane | 0.0014 | U | 0.0014 | 0.00058 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00031 |
| 78-93-3 | 2-Butanone (MEK) | 0.0068 | U | 0.0068 | 0.00050 |
| 591-78-6 | 2-Hexanone | 0.0068 | U | 0.0068 | 0.0023 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0068 | U | 0.0068 | 0.0021 |
| 67-64-1 | Acetone | 0.0082 | U | 0.0082 | 0.0078 |
| 71-43-2 | Benzene | 0.0014 | U | 0.0014 | 0.00035 |
| 75-25-2 | Bromoform | 0.0014 | U | 0.0014 | 0.00058 |
| 74-83-9 | Bromomethane | 0.0027 | U * | 0.0027 | 0.0014 |
| 75-15-0 | Carbon disulfide | 0.0014 | U | 0.0014 | 0.00036 |
| 56-23-5 | Carbon tetrachloride | 0.0014 | U | 0.0014 | 0.00053 |
| 108-90-7 | Chlorobenzene | 0.0014 | U | 0.0014 | 0.00024 |
| 74-97-5 | Chlorobromomethane | 0.0014 | U | 0.0014 | 0.00038 |
| 124-48-1 | Chlorodibromomethane | 0.0014 | U | 0.0014 | 0.00027 |
| 75-00-3 | Chloroethane | 0.0014 | U | 0.0014 | 0.00071 |
| 67-66-3 | Chloroform | 0.0014 | U | 0.0014 | 0.0013 |
| 74-87-3 | Chloromethane | 0.0014 | U | 0.0014 | 0.00059 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00049 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00037 |
| 110-82-7 | Cyclohexane | 0.0014 | U | 0.0014 | 0.00030 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: D24930.D

Analysis Method: 8260D | Date Collected: 02/05/2025 08:45

Sample wt/vol: 3.68(g) | Date Analyzed: 02/11/2025 01:09

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 0.6 % Solids: 99.4 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0014 | U | 0.0014 | 0.00035 |
| 75-71-8 | Dichlorodifluoromethane | 0.0014 | U | 0.0014 | 0.00046 |
| 100-41-4 | Ethylbenzene | 0.0014 | U | 0.0014 | 0.00027 |
| 106-93-4 | Ethylene Dibromide | 0.0014 | U | 0.0014 | 0.00025 |
| 98-82-8 | Isopropylbenzene | 0.0014 | U | 0.0014 | 0.00039 |
| 79-20-9 | Methyl acetate | 0.0068 | U | 0.0068 | 0.0059 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0014 | U | 0.0014 | 0.00070 |
| 108-87-2 | Methylcyclohexane | 0.0014 | U | 0.0014 | 0.00068 |
| 75-09-2 | Methylene Chloride | 0.0027 | U | 0.0027 | 0.0016 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0014 | U | 0.0014 | 0.00024 |
| 95-47-6 | o-Xylene | 0.0014 | U | 0.0014 | 0.00027 |
| 100-42-5 | Styrene | 0.0014 | U | 0.0014 | 0.00038 |
| 127-18-4 | Tetrachloroethene | 0.0014 | U | 0.0014 | 0.00042 |
| 108-88-3 | Toluene | 0.0014 | U | 0.0014 | 0.00032 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00034 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00036 |
| 79-01-6 | Trichloroethene | 0.0014 | U | 0.0014 | 0.00044 |
| 75-69-4 | Trichlorofluoromethane | 0.0014 | U | 0.0014 | 0.00056 |
| 75-01-4 | Vinyl chloride | 0.0014 | U | 0.0014 | 0.00075 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 111 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 101 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24930.D
Lims ID: 460-319954-C-1-A
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:09:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-1-A
Misc. Info.: 460-0186729-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:22:42 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:22:42

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.333 | -0.007 | 0 | 282453 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.608 | -0.007 | 74 | 286181 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.181 | -0.007 | 95 | 173736 | 50.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 174290 | 48.6 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 718118 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 17555 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.781 | -0.007 | 99 | 703514 | 50.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.150 | -0.008 | 88 | 474505 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.117 | -0.008 | 0 | 182240 | 55.5 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 215736 | 50.0 | |

## Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

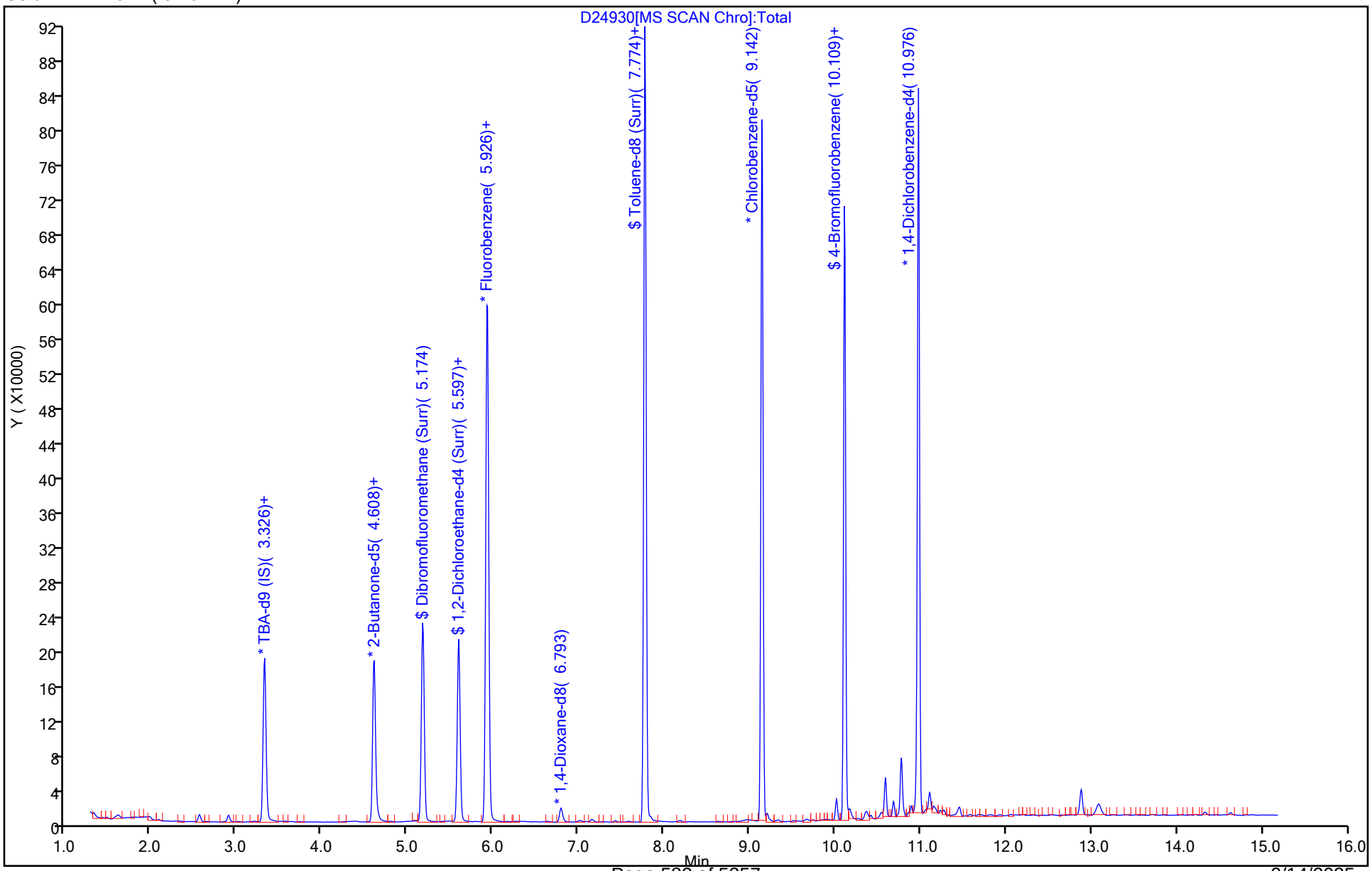
Report Date: 11-Feb-2025 11:22:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24930.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 01:09:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-1-A | Lab Sample ID: | 460-319954-1 | Worklist Smp#: | 23 |
| Client ID: | RX-21-01_0-2 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24930.D
Lims ID: 460-319954-C-1-A
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:09:30 ALS Bottle#: 23 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-1-A
Misc. Info.: 460-0186729-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:22:42 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:22:42

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.5 | 101.02 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.6 | 97.18 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.1 | 100.29 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.5 | 111.03 |

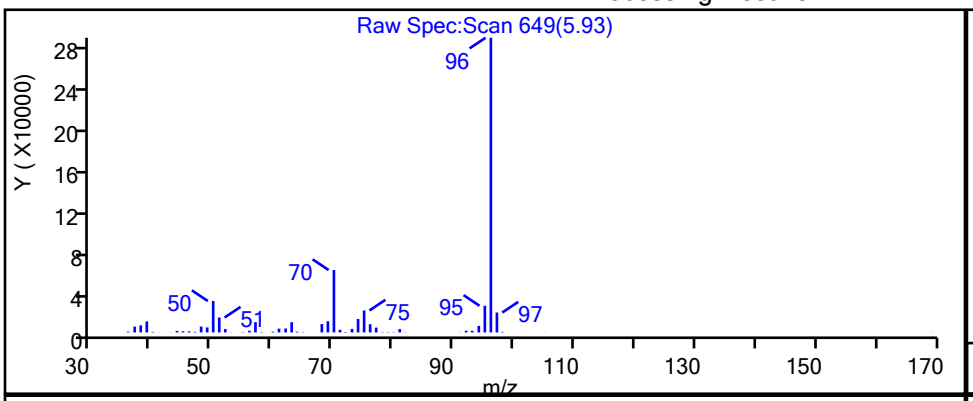
User Disabled Compound Report

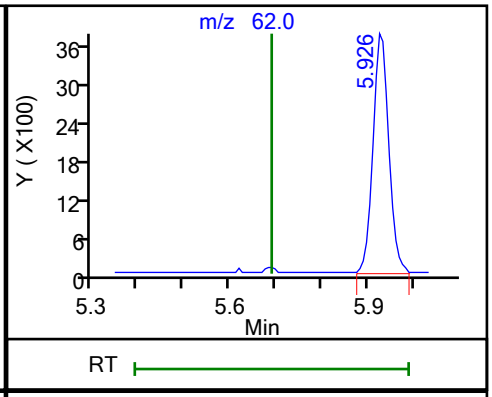
Eurofins Edison

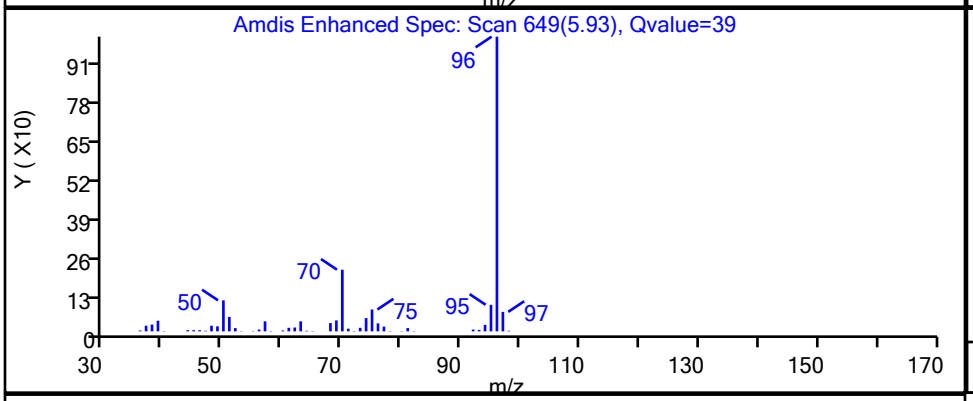
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24930.D | | | | |
| Injection Date: | 11-Feb-2025 01:09:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-319954-C-1-A | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

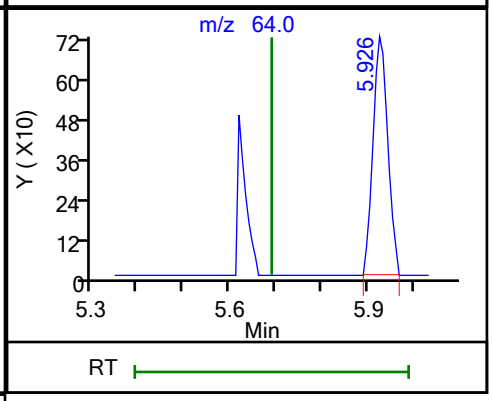
## 61 1,2-Dichloroethane, CAS: 107-06-2

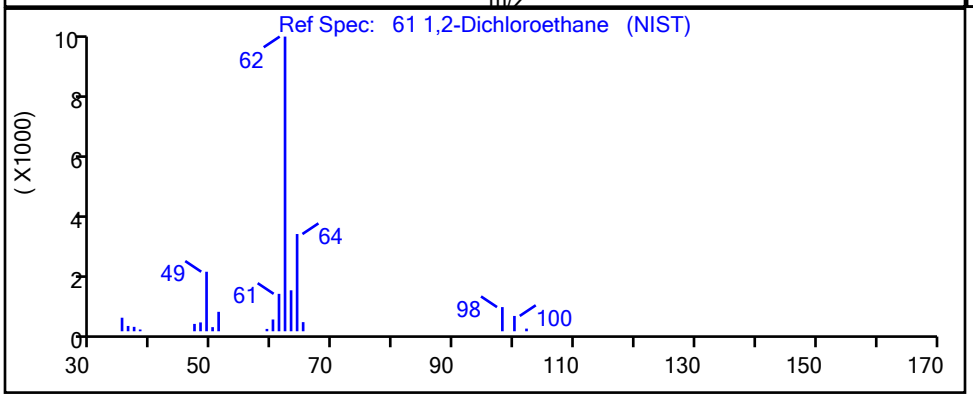
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 9091 | 1.762395 |
| 5.93 | 64.00 | 1641 | |

Reviewer: RD6L, 11-Feb-2025 11:22:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: D24931.D

Analysis Method: 8260D | Date Collected: 02/05/2025 09:45

Sample wt/vol: 4.25(g) | Date Analyzed: 02/11/2025 01:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.0 % Solids: 99.0 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0012 | U | 0.0012 | 0.00028 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0012 | U | 0.0012 | 0.00025 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0012 | U | 0.0012 | 0.00036 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0012 | U | 0.0012 | 0.00021 |
| 75-34-3 | 1,1-Dichloroethane | 0.0012 | U | 0.0012 | 0.00024 |
| 75-35-4 | 1,1-Dichloroethene | 0.0012 | U | 0.0012 | 0.00027 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0012 | U | 0.0012 | 0.00021 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0012 | U | 0.0012 | 0.00055 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 |
| 107-06-2 | 1,2-Dichloroethane | 0.0012 | U | 0.0012 | 0.00035 |
| 78-87-5 | 1,2-Dichloropropane | 0.0012 | U | 0.0012 | 0.00050 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00043 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0012 | U | 0.0012 | 0.00027 |
| 78-93-3 | 2-Butanone (MEK) | 0.0059 | U | 0.0059 | 0.00044 |
| 591-78-6 | 2-Hexanone | 0.0059 | U | 0.0059 | 0.0020 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0059 | U | 0.0059 | 0.0018 |
| 67-64-1 | Acetone | 0.0071 | U | 0.0071 | 0.0068 |
| 71-43-2 | Benzene | 0.0012 | U | 0.0012 | 0.00031 |
| 75-25-2 | Bromoform | 0.0012 | U | 0.0012 | 0.00050 |
| 74-83-9 | Bromomethane | 0.0024 | U * | 0.0024 | 0.0012 |
| 75-15-0 | Carbon disulfide | 0.0012 | U | 0.0012 | 0.00032 |
| 56-23-5 | Carbon tetrachloride | 0.0012 | U | 0.0012 | 0.00046 |
| 108-90-7 | Chlorobenzene | 0.0012 | U | 0.0012 | 0.00021 |
| 74-97-5 | Chlorobromomethane | 0.0012 | U | 0.0012 | 0.00033 |
| 124-48-1 | Chlorodibromomethane | 0.0012 | U | 0.0012 | 0.00023 |
| 75-00-3 | Chloroethane | 0.0012 | U | 0.0012 | 0.00062 |
| 67-66-3 | Chloroform | 0.0012 | U | 0.0012 | 0.0012 |
| 74-87-3 | Chloromethane | 0.0012 | U | 0.0012 | 0.00052 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0012 | U | 0.0012 | 0.00043 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0012 | U | 0.0012 | 0.00032 |
| 110-82-7 | Cyclohexane | 0.0012 | U | 0.0012 | 0.00026 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: D24931.D

Analysis Method: 8260D | Date Collected: 02/05/2025 09:45

Sample wt/vol: 4.25(g) | Date Analyzed: 02/11/2025 01:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.0 % Solids: 99.0 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0012 | U | 0.0012 | 0.00031 |
| 75-71-8 | Dichlorodifluoromethane | 0.0012 | U | 0.0012 | 0.00040 |
| 100-41-4 | Ethylbenzene | 0.0012 | U | 0.0012 | 0.00024 |
| 106-93-4 | Ethylene Dibromide | 0.0012 | U | 0.0012 | 0.00021 |
| 98-82-8 | Isopropylbenzene | 0.0012 | U | 0.0012 | 0.00034 |
| 79-20-9 | Methyl acetate | 0.0059 | U | 0.0059 | 0.0051 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0012 | U | 0.0012 | 0.00061 |
| 108-87-2 | Methylcyclohexane | 0.0012 | U | 0.0012 | 0.00059 |
| 75-09-2 | Methylene Chloride | 0.0024 | U | 0.0024 | 0.0014 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.00045 | J | 0.0012 | 0.00021 |
| 95-47-6 | o-Xylene | 0.00025 | J | 0.0012 | 0.00023 |
| 100-42-5 | Styrene | 0.0012 | U | 0.0012 | 0.00033 |
| 127-18-4 | Tetrachloroethene | 0.0012 | U | 0.0012 | 0.00036 |
| 108-88-3 | Toluene | 0.0012 | U | 0.0012 | 0.00028 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0012 | U | 0.0012 | 0.00029 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0012 | U | 0.0012 | 0.00032 |
| 79-01-6 | Trichloroethene | 0.0012 | U | 0.0012 | 0.00038 |
| 75-69-4 | Trichlorofluoromethane | 0.0012 | U | 0.0012 | 0.00048 |
| 75-01-4 | Vinyl chloride | 0.0012 | U | 0.0012 | 0.00065 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 97 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 111 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D
Lims ID: 460-319954-C-2-A
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:32:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-2-A
Misc. Info.: 460-0186729-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:22:58 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:22:58

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.333 | -0.007 | 0 | 267978 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.608 | -0.007 | 44 | 277806 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.181 | -0.007 | 96 | 172205 | 51.0 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 171164 | 48.6 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 704354 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 18052 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.781 | -0.007 | 99 | 691280 | 50.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.150 | -0.008 | 89 | 466927 | 50.0 | |
| 95 m-Xylene & p-Xylene | 106 | 9.336 | 9.343 | -0.007 | 0 | 2841 | 0.3811 | |
| 97 o-Xylene | 106 | 9.672 | 9.672 | 0.000 | 93 | 1462 | 0.2129 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.116 | 10.117 | -0.001 | 0 | 181122 | 55.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 215179 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

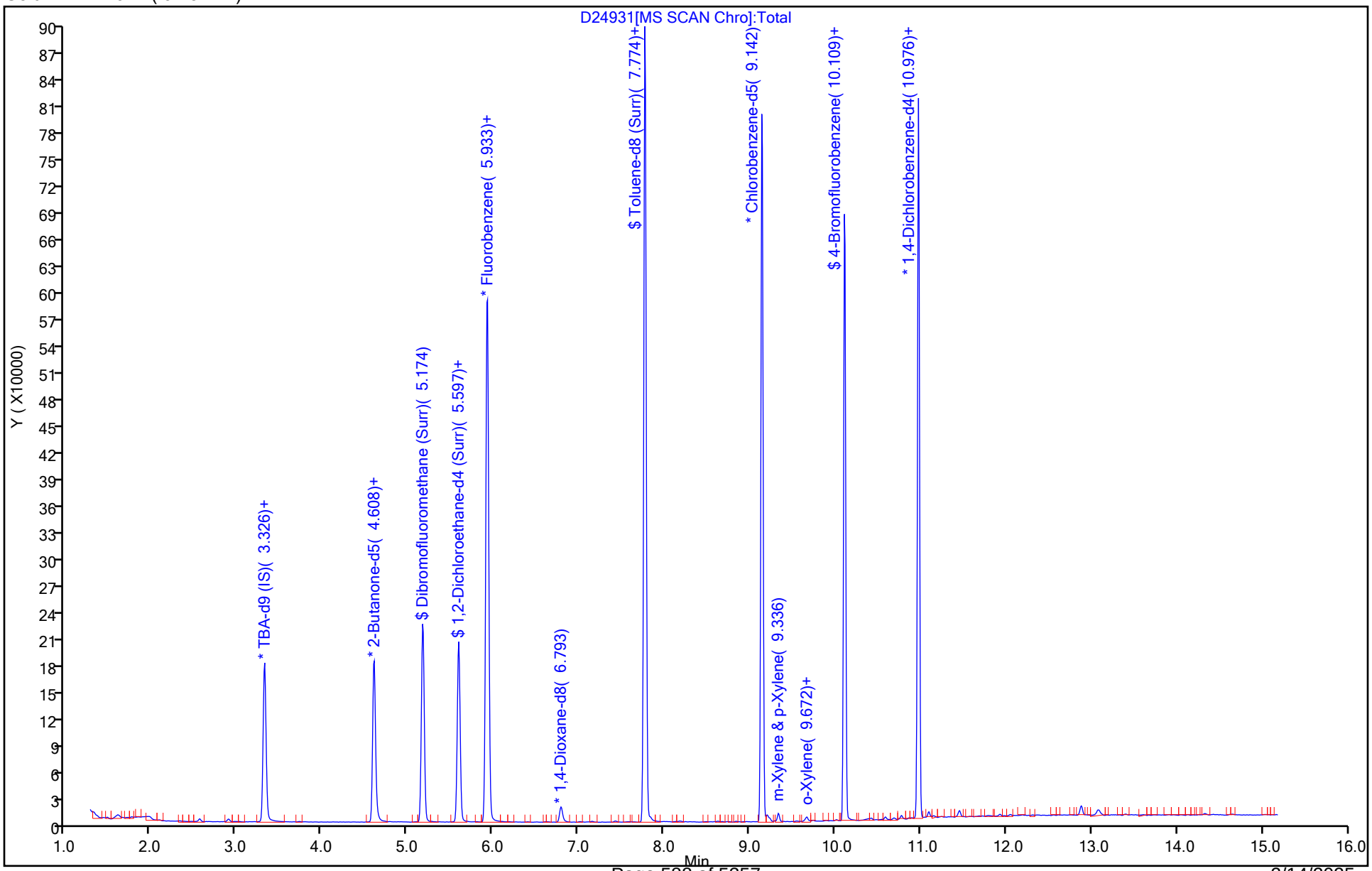
Report Date: 11-Feb-2025 11:22:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 01:32:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-2-A | Lab Sample ID: | 460-319954-2 | Worklist Smp#: | 24 |
| Client ID: | RX-18-01_0-2 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D
Lims ID: 460-319954-C-2-A
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:32:30 ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-2-A
Misc. Info.: 460-0186729-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:22:58 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

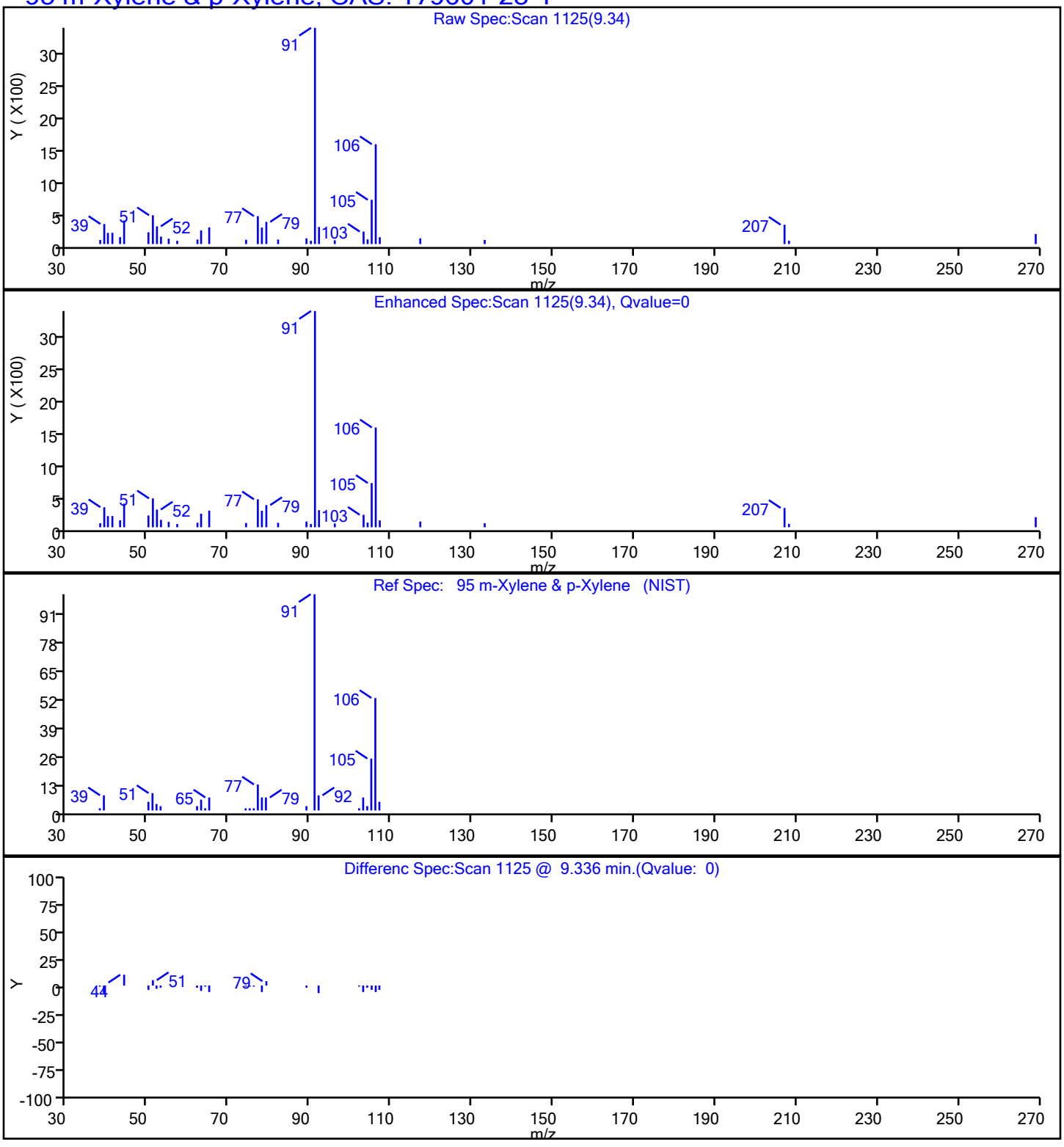
First Level Reviewer: RD6L Date: 11-Feb-2025 11:22:58

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.0 | 102.09 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.6 | 97.30 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.1 | 100.15 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.3 | 110.63 |

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D
Injection Date: 11-Feb-2025 01:32:30 Instrument ID: CVOAMS4
Lims ID: 460-319954-C-2-A Lab Sample ID: 460-319954-2
Client ID: RX-18-01_0-2
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

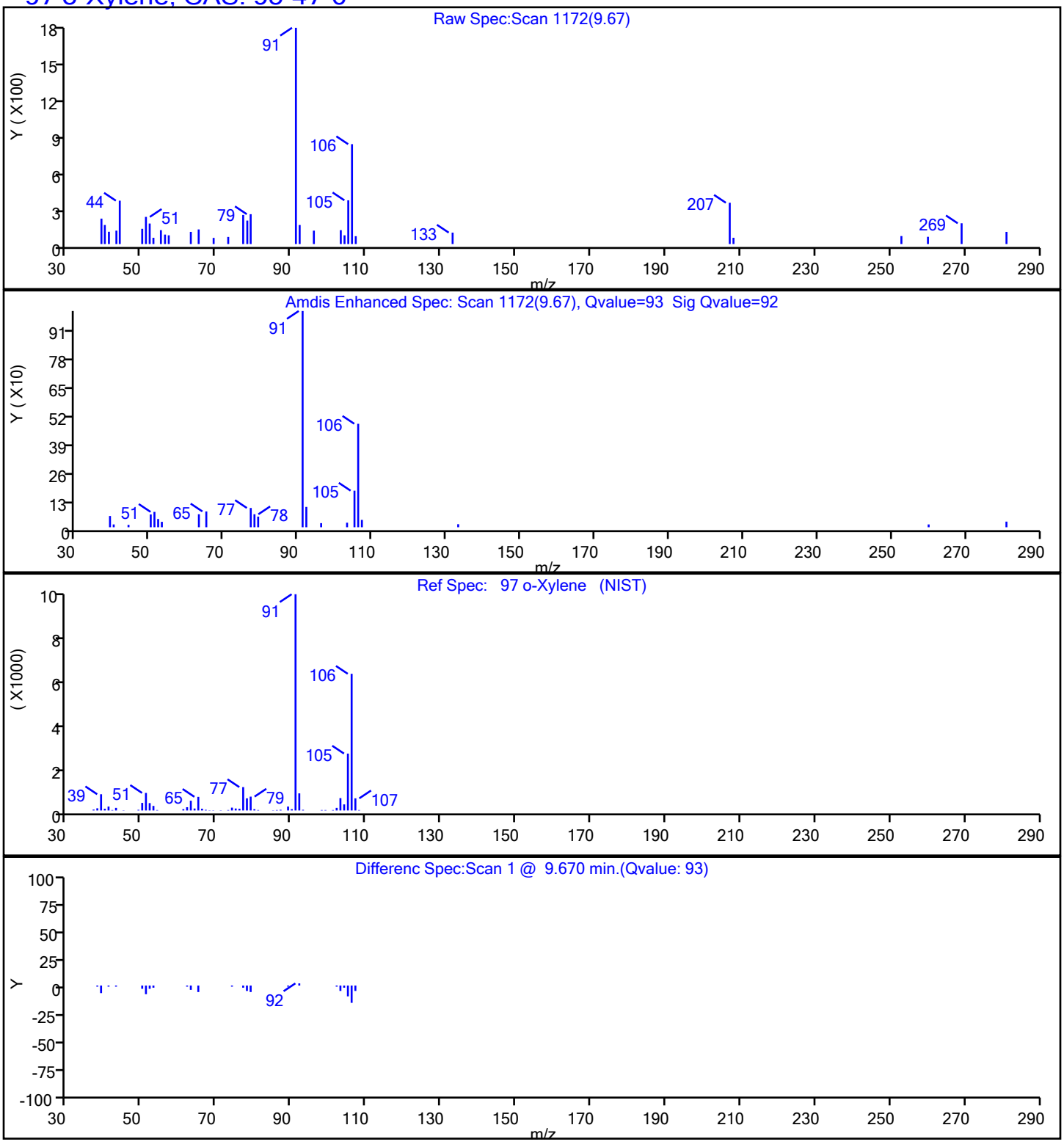
## 95 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D | | |
| Injection Date: | 11-Feb-2025 01:32:30 | Instrument ID: | CVOAMS4 |
| Lims ID: | 460-319954-C-2-A | Lab Sample ID: | 460-319954-2 |
| Client ID: | RX-18-01_0-2 | | |
| Operator ID: | | ALS Bottle#: | 24 Worklist Smp#: 24 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 97 o-Xylene, CAS: 95-47-6



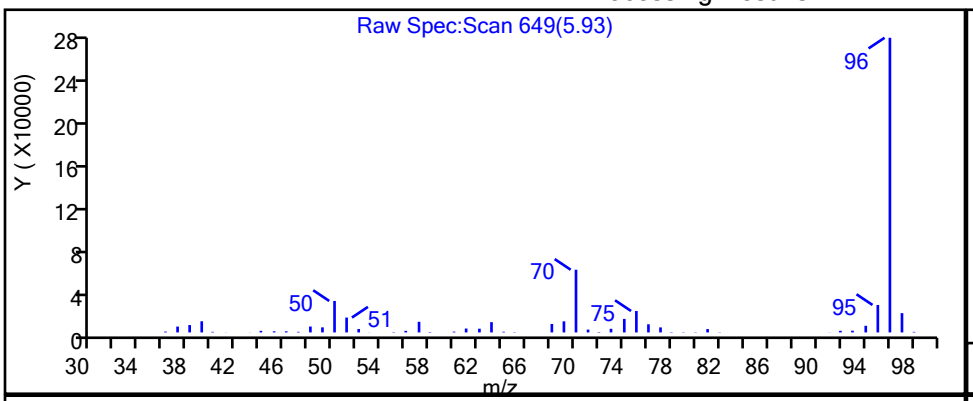
User Disabled Compound Report

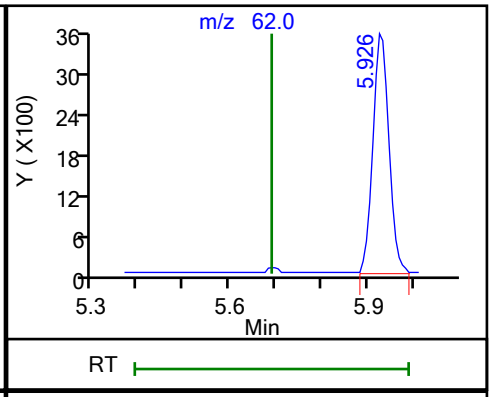
Eurofins Edison

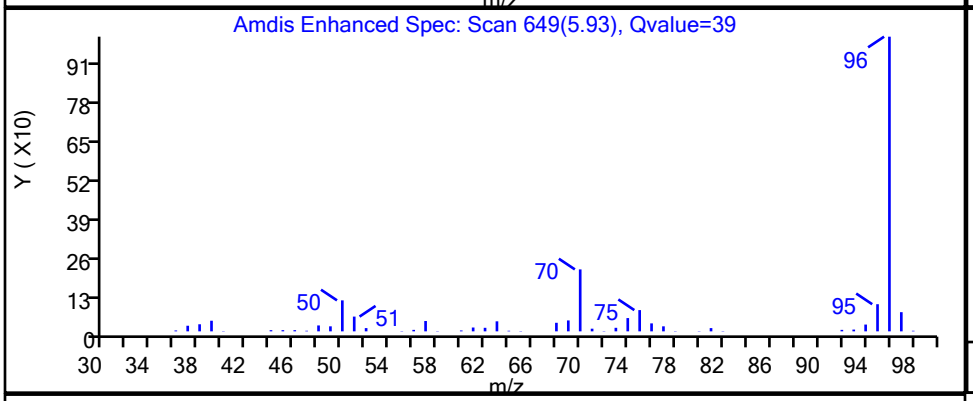
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24931.D | | | | |
| Injection Date: | 11-Feb-2025 01:32:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-319954-C-2-A | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

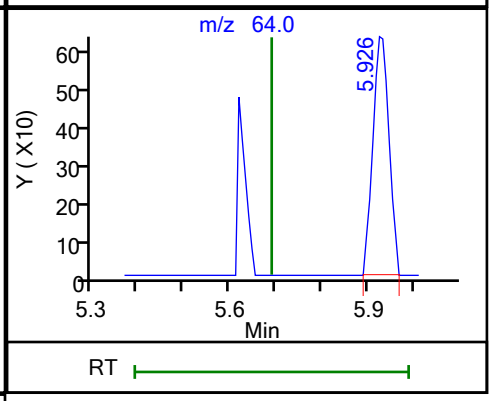
## 61 1,2-Dichloroethane, CAS: 107-06-2

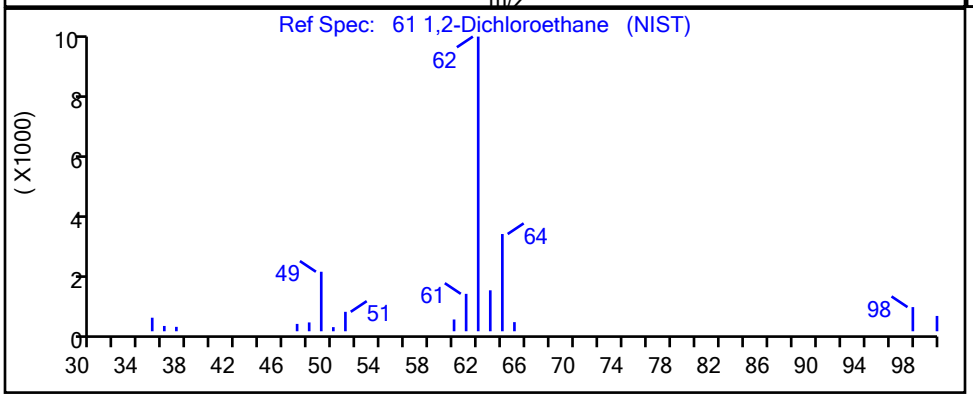
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 8591 | 1.698010 |
| 5.93 | 64.00 | 1572 | |

Reviewer: RD6L, 11-Feb-2025 11:22:48 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: D24932.D

Analysis Method: 8260D | Date Collected: 02/05/2025 11:10

Sample wt/vol: 4.73(g) | Date Analyzed: 02/11/2025 01:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 0.9 % Solids: 99.1 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00025 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00023 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00032 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00019 |
| 75-34-3 | 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00022 |
| 75-35-4 | 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00024 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00019 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00038 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00049 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00038 |
| 107-06-2 | 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00032 |
| 78-87-5 | 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00045 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00039 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00024 |
| 78-93-3 | 2-Butanone (MEK) | 0.0053 | U | 0.0053 | 0.00039 |
| 591-78-6 | 2-Hexanone | 0.0053 | U | 0.0053 | 0.0018 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0053 | U | 0.0053 | 0.0017 |
| 67-64-1 | Acetone | 0.0064 | U | 0.0064 | 0.0061 |
| 71-43-2 | Benzene | 0.0011 | U | 0.0011 | 0.00028 |
| 75-25-2 | Bromoform | 0.0011 | U | 0.0011 | 0.00045 |
| 74-83-9 | Bromomethane | 0.0021 | U * | 0.0021 | 0.0011 |
| 75-15-0 | Carbon disulfide | 0.0011 | U | 0.0011 | 0.00028 |
| 56-23-5 | Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00041 |
| 108-90-7 | Chlorobenzene | 0.0011 | U | 0.0011 | 0.00019 |
| 74-97-5 | Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00030 |
| 124-48-1 | Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00021 |
| 75-00-3 | Chloroethane | 0.0011 | U | 0.0011 | 0.00056 |
| 67-66-3 | Chloroform | 0.0011 | U | 0.0011 | 0.0010 |
| 74-87-3 | Chloromethane | 0.0011 | U | 0.0011 | 0.00046 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00038 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00029 |
| 110-82-7 | Cyclohexane | 0.0011 | U | 0.0011 | 0.00024 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: D24932.D

Analysis Method: 8260D | Date Collected: 02/05/2025 11:10

Sample wt/vol: 4.73(g) | Date Analyzed: 02/11/2025 01:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 0.9 % Solids: 99.1 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00027 |
| 75-71-8 | Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00036 |
| 100-41-4 | Ethylbenzene | 0.0011 | U | 0.0011 | 0.00021 |
| 106-93-4 | Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00019 |
| 98-82-8 | Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00030 |
| 79-20-9 | Methyl acetate | 0.0053 | U | 0.0053 | 0.0046 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00055 |
| 108-87-2 | Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00053 |
| 75-09-2 | Methylene Chloride | 0.0021 | U | 0.0021 | 0.0012 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0011 | U | 0.0011 | 0.00019 |
| 95-47-6 | o-Xylene | 0.0011 | U | 0.0011 | 0.00021 |
| 100-42-5 | Styrene | 0.0011 | U | 0.0011 | 0.00030 |
| 127-18-4 | Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00033 |
| 108-88-3 | Toluene | 0.0011 | U | 0.0011 | 0.00025 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00026 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00028 |
| 79-01-6 | Trichloroethene | 0.0011 | U | 0.0011 | 0.00034 |
| 75-69-4 | Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00043 |
| 75-01-4 | Vinyl chloride | 0.0011 | U | 0.0011 | 0.00058 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 94 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 109 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 100 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 98 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24932.D
Lims ID: 460-319954-C-3-A
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:55:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-3-A
Misc. Info.: 460-0186729-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:14 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:14

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 28 Methylene Chloride | 84 | 3.312 | 3.319 | -0.007 | 95 | 2374 | 0.4800 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.333 | -0.007 | 0 | 284299 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.608 | -0.007 | 73 | 284915 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.181 | -0.007 | 95 | 171562 | 50.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 168434 | 47.1 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.933 | -0.007 | 98 | 715185 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 20934 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.781 | -0.007 | 99 | 694416 | 48.9 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.150 | -0.008 | 89 | 480231 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.117 | -0.008 | 0 | 184730 | 54.5 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 222715 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

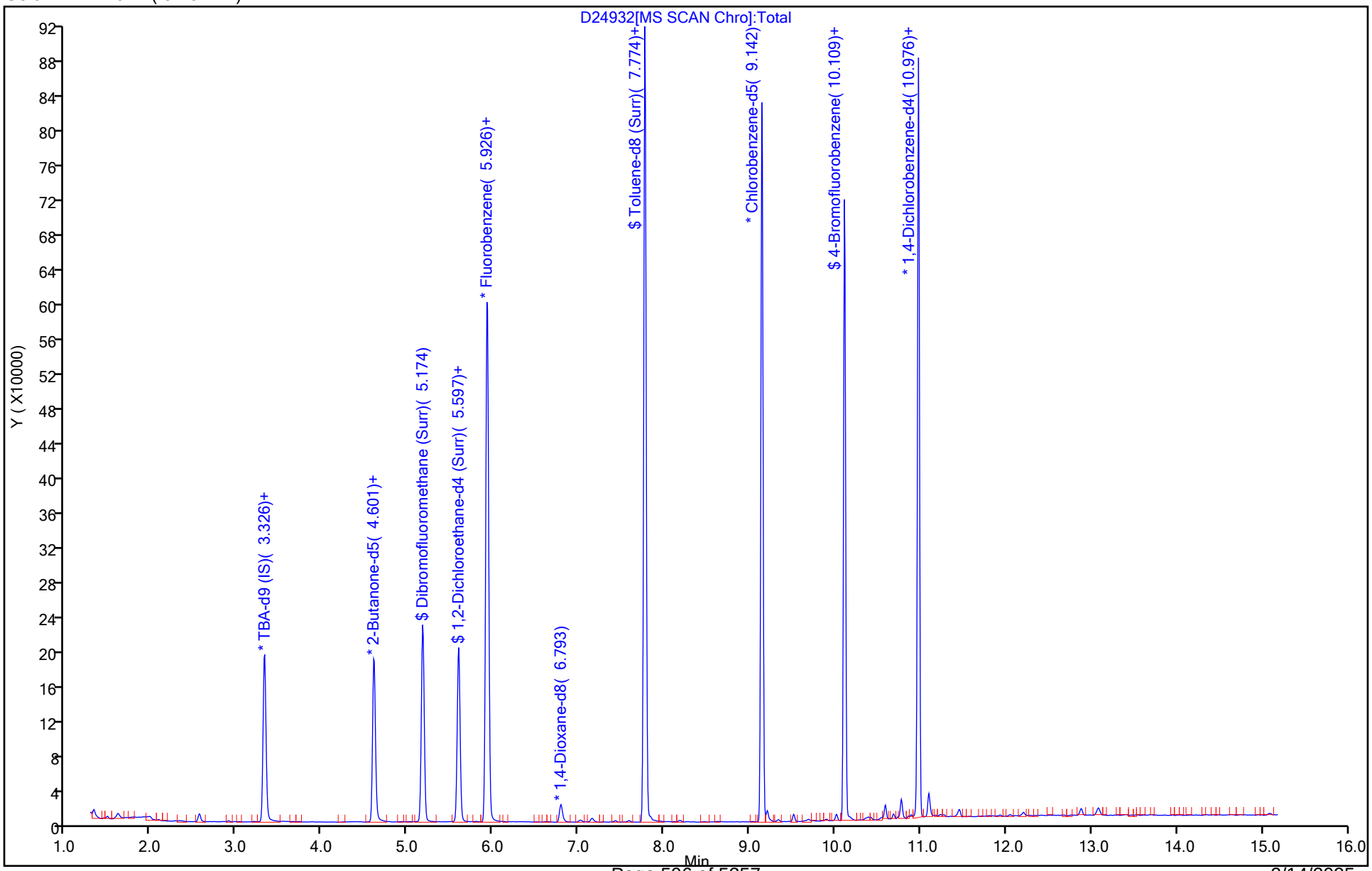
Report Date: 11-Feb-2025 11:23:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24932.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 01:55:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-3-A | Lab Sample ID: | 460-319954-3 | Worklist Smp#: | 25 |
| Client ID: | RX-20-01_0-2 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24932.D
Lims ID: 460-319954-C-3-A
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 01:55:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-3-A
Misc. Info.: 460-0186729-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:14 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:14

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.1 | 100.17 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.1 | 94.30 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 48.9 | 97.82 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.5 | 109.02 |

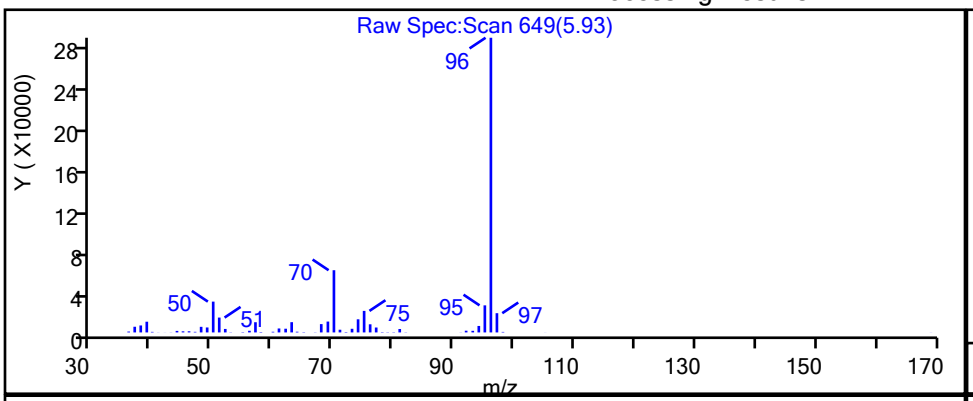
User Disabled Compound Report

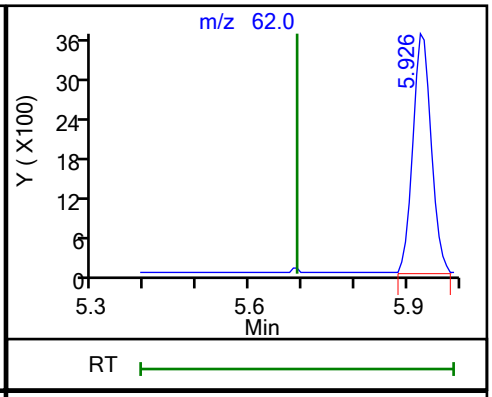
Eurofins Edison

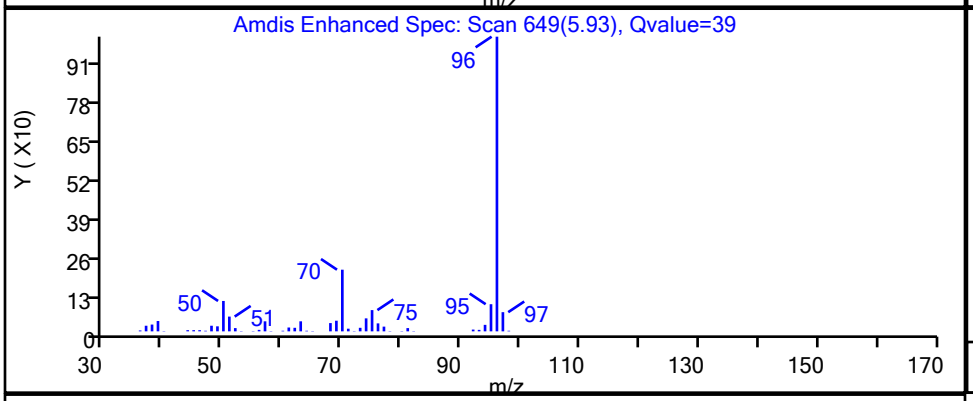
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24932.D | | | | |
| Injection Date: | 11-Feb-2025 01:55:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-319954-C-3-A | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

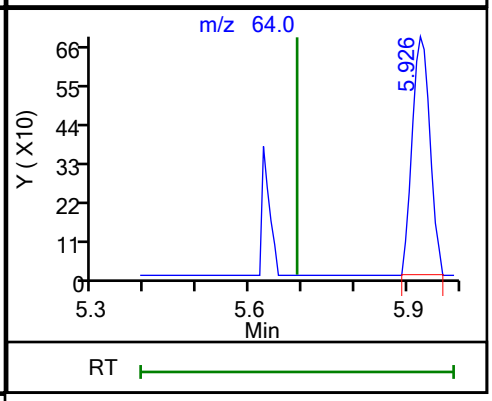
## 61 1,2-Dichloroethane, CAS: 107-06-2

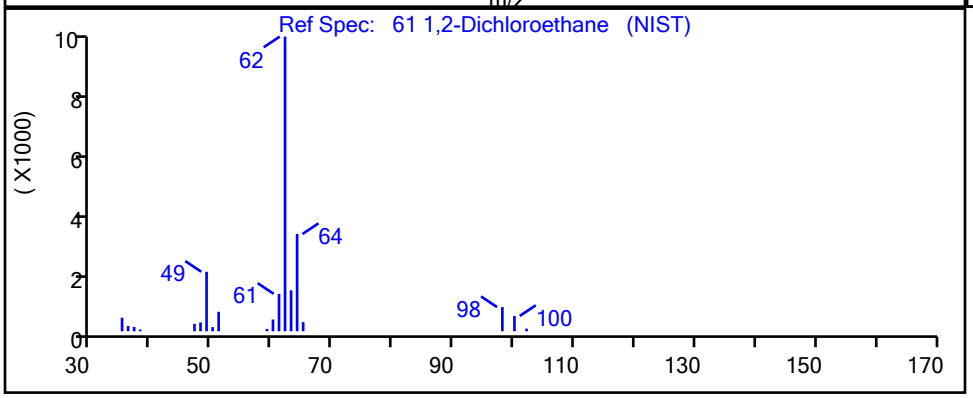
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 8750 | 1.703245 |
| 5.93 | 64.00 | 1619 | |

Reviewer: RD6L, 11-Feb-2025 11:23:09 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: D24933.D

Analysis Method: 8260D | Date Collected: 02/05/2025 11:45

Sample wt/vol: 4.52(g) | Date Analyzed: 02/11/2025 02:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00026 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00024 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00034 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00020 |
| 75-34-3 | 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00023 |
| 75-35-4 | 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00025 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00020 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00052 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00041 |
| 107-06-2 | 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00033 |
| 78-87-5 | 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00048 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00041 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00025 |
| 78-93-3 | 2-Butanone (MEK) | 0.0056 | U | 0.0056 | 0.00041 |
| 591-78-6 | 2-Hexanone | 0.0056 | U | 0.0056 | 0.0019 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0056 | U | 0.0056 | 0.0017 |
| 67-64-1 | Acetone | 0.0067 | U | 0.0067 | 0.0064 |
| 71-43-2 | Benzene | 0.0011 | U | 0.0011 | 0.00029 |
| 75-25-2 | Bromoform | 0.0011 | U | 0.0011 | 0.00048 |
| 74-83-9 | Bromomethane | 0.0022 | U * | 0.0022 | 0.0011 |
| 75-15-0 | Carbon disulfide | 0.0011 | U | 0.0011 | 0.00030 |
| 56-23-5 | Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00044 |
| 108-90-7 | Chlorobenzene | 0.0011 | U | 0.0011 | 0.00020 |
| 74-97-5 | Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00032 |
| 124-48-1 | Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00022 |
| 75-00-3 | Chloroethane | 0.0011 | U | 0.0011 | 0.00059 |
| 67-66-3 | Chloroform | 0.0011 | U | 0.0011 | 0.0011 |
| 74-87-3 | Chloromethane | 0.0011 | U | 0.0011 | 0.00049 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00040 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00031 |
| 110-82-7 | Cyclohexane | 0.0011 | U | 0.0011 | 0.00025 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: D24933.D

Analysis Method: 8260D | Date Collected: 02/05/2025 11:45

Sample wt/vol: 4.52(g) | Date Analyzed: 02/11/2025 02:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.7 % Solids: 98.3 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00029 |
| 75-71-8 | Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00038 |
| 100-41-4 | Ethylbenzene | 0.0011 | U | 0.0011 | 0.00022 |
| 106-93-4 | Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00020 |
| 98-82-8 | Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00032 |
| 79-20-9 | Methyl acetate | 0.0056 | U | 0.0056 | 0.0048 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00058 |
| 108-87-2 | Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00056 |
| 75-09-2 | Methylene Chloride | 0.0022 | U | 0.0022 | 0.0013 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0011 | U | 0.0011 | 0.00020 |
| 95-47-6 | o-Xylene | 0.0011 | U | 0.0011 | 0.00022 |
| 100-42-5 | Styrene | 0.0011 | U | 0.0011 | 0.00031 |
| 127-18-4 | Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00034 |
| 108-88-3 | Toluene | 0.0011 | U | 0.0011 | 0.00026 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00028 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00030 |
| 79-01-6 | Trichloroethene | 0.0011 | U | 0.0011 | 0.00036 |
| 75-69-4 | Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00046 |
| 75-01-4 | Vinyl chloride | 0.0011 | U | 0.0011 | 0.00061 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 95 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 101 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 98 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24933.D
Lims ID: 460-319954-C-4-A
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 02:18:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-4-A
Misc. Info.: 460-0186729-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:35 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:35

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.333 | -0.007 | 0 | 278591 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.608 | -0.007 | 43 | 280593 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.181 | -0.007 | 96 | 168957 | 50.4 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 165454 | 47.3 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.933 | -0.007 | 98 | 699598 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 19920 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.781 | -0.007 | 99 | 681385 | 49.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.150 | -0.008 | 88 | 469234 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.117 | -0.008 | 0 | 184957 | 55.1 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 220474 | 50.0 | |

## Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

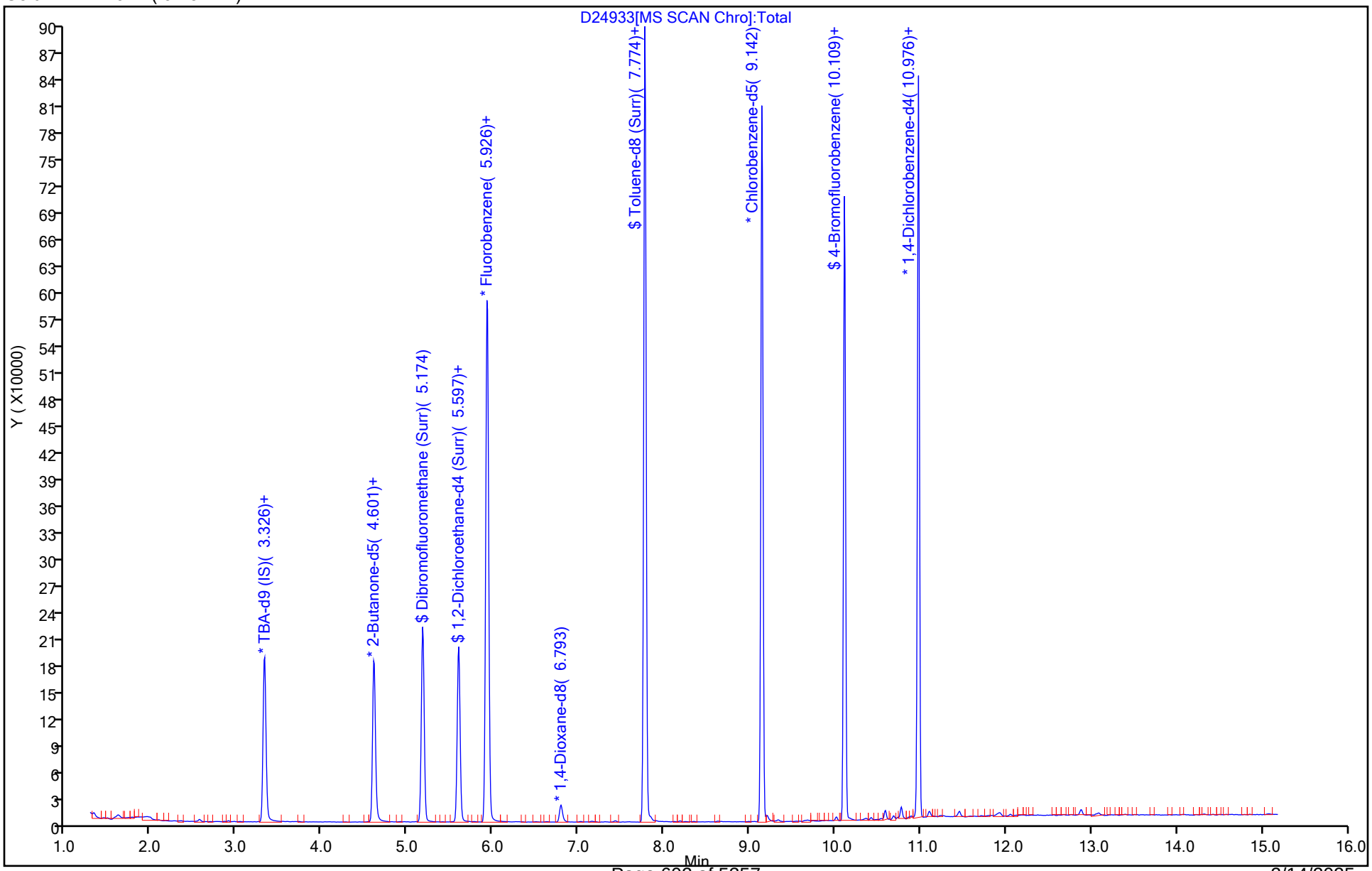
Report Date: 11-Feb-2025 11:23:36 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24933.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 02:18:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-4-A | Lab Sample ID: | 460-319954-4 | Worklist Smp#: | 26 |
| Client ID: | RX-22-01_0-2 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24933.D
Lims ID: 460-319954-C-4-A
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 02:18:30 ALS Bottle#: 26 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-4-A
Misc. Info.: 460-0186729-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:35 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:35

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.4 | 100.85 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 47.3 | 94.69 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 49.1 | 98.23 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.1 | 110.26 |

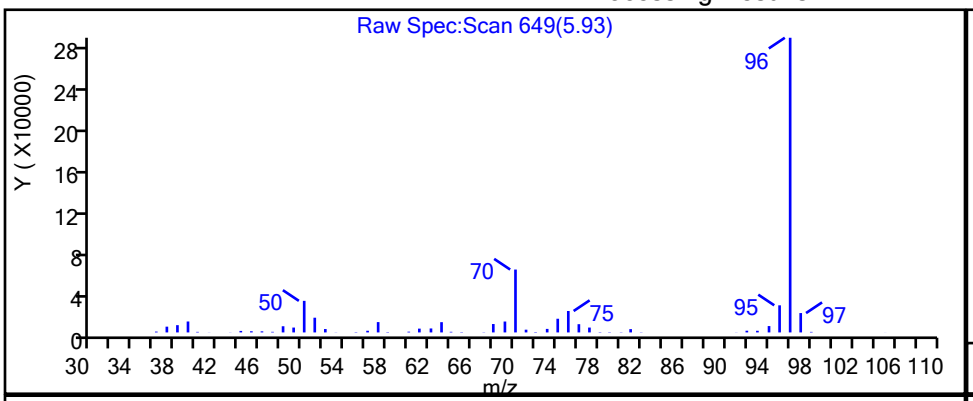
User Disabled Compound Report

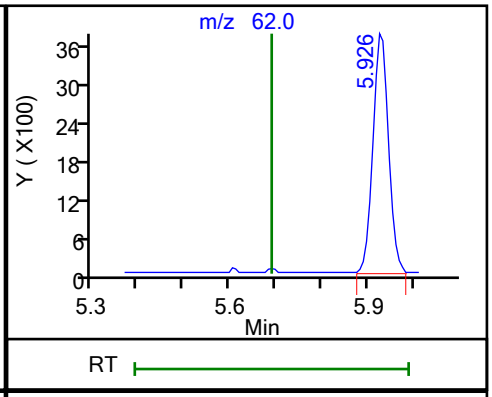
Eurofins Edison

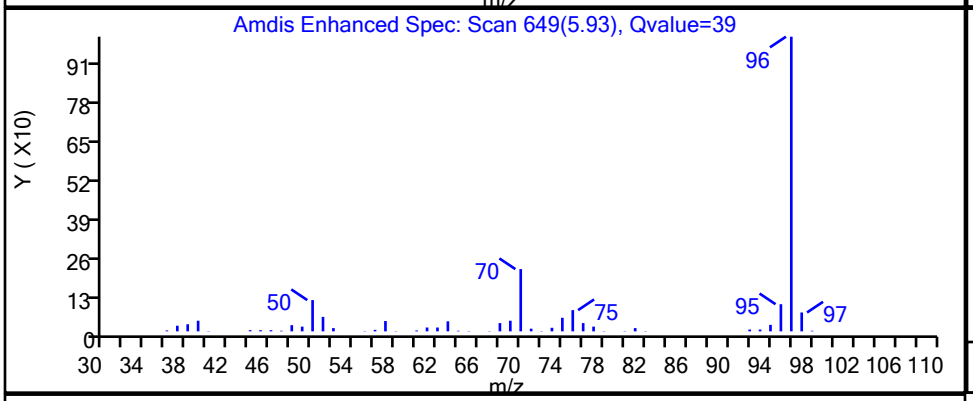
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24933.D | | | | |
| Injection Date: | 11-Feb-2025 02:18:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-319954-C-4-A | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

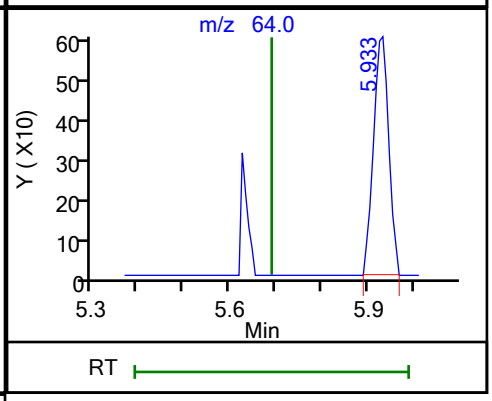
## 61 1,2-Dichloroethane, CAS: 107-06-2

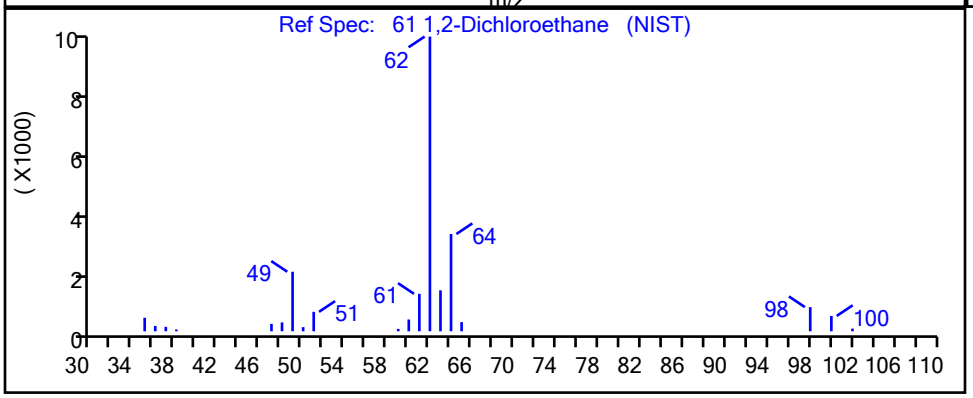
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 8979 | 1.786763 |
| 5.93 | 64.00 | 1413 | |

Reviewer: RD6L, 11-Feb-2025 11:23:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: D24934.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:30

Sample wt/vol: 4.64(g) | Date Analyzed: 02/11/2025 02:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0011 | U | 0.0011 | 0.00026 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0011 | U | 0.0011 | 0.00024 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0011 | U | 0.0011 | 0.00033 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0011 | U | 0.0011 | 0.00020 |
| 75-34-3 | 1,1-Dichloroethane | 0.0011 | U | 0.0011 | 0.00023 |
| 75-35-4 | 1,1-Dichloroethene | 0.0011 | U | 0.0011 | 0.00025 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00020 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0011 | U | 0.0011 | 0.00039 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0011 | U | 0.0011 | 0.00051 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 |
| 107-06-2 | 1,2-Dichloroethane | 0.0011 | U | 0.0011 | 0.00033 |
| 78-87-5 | 1,2-Dichloropropane | 0.0011 | U | 0.0011 | 0.00047 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00040 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0011 | U | 0.0011 | 0.00025 |
| 78-93-3 | 2-Butanone (MEK) | 0.0055 | U | 0.0055 | 0.00041 |
| 591-78-6 | 2-Hexanone | 0.0055 | U | 0.0055 | 0.0019 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0055 | U | 0.0055 | 0.0017 |
| 67-64-1 | Acetone | 0.0066 | U | 0.0066 | 0.0063 |
| 71-43-2 | Benzene | 0.0011 | U | 0.0011 | 0.00028 |
| 75-25-2 | Bromoform | 0.0011 | U | 0.0011 | 0.00047 |
| 74-83-9 | Bromomethane | 0.0022 | U * | 0.0022 | 0.0011 |
| 75-15-0 | Carbon disulfide | 0.0011 | U | 0.0011 | 0.00029 |
| 56-23-5 | Carbon tetrachloride | 0.0011 | U | 0.0011 | 0.00043 |
| 108-90-7 | Chlorobenzene | 0.0011 | U | 0.0011 | 0.00019 |
| 74-97-5 | Chlorobromomethane | 0.0011 | U | 0.0011 | 0.00031 |
| 124-48-1 | Chlorodibromomethane | 0.0011 | U | 0.0011 | 0.00021 |
| 75-00-3 | Chloroethane | 0.0011 | U | 0.0011 | 0.00057 |
| 67-66-3 | Chloroform | 0.0011 | U | 0.0011 | 0.0011 |
| 74-87-3 | Chloromethane | 0.0011 | U | 0.0011 | 0.00048 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00039 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00030 |
| 110-82-7 | Cyclohexane | 0.0011 | U | 0.0011 | 0.00024 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: D24934.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:30

Sample wt/vol: 4.64(g) | Date Analyzed: 02/11/2025 02:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 2.1 % Solids: 97.9 | Level: (low/med) Low

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0011 | U | 0.0011 | 0.00028 |
| 75-71-8 | Dichlorodifluoromethane | 0.0011 | U | 0.0011 | 0.00037 |
| 100-41-4 | Ethylbenzene | 0.0011 | U | 0.0011 | 0.00022 |
| 106-93-4 | Ethylene Dibromide | 0.0011 | U | 0.0011 | 0.00020 |
| 98-82-8 | Isopropylbenzene | 0.0011 | U | 0.0011 | 0.00031 |
| 79-20-9 | Methyl acetate | 0.0055 | U | 0.0055 | 0.0047 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0011 | U | 0.0011 | 0.00056 |
| 108-87-2 | Methylcyclohexane | 0.0011 | U | 0.0011 | 0.00055 |
| 75-09-2 | Methylene Chloride | 0.0022 | U | 0.0022 | 0.0013 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.00037 | J | 0.0011 | 0.00019 |
| 95-47-6 | o-Xylene | 0.00029 | J | 0.0011 | 0.00021 |
| 100-42-5 | Styrene | 0.0011 | U | 0.0011 | 0.00031 |
| 127-18-4 | Tetrachloroethene | 0.0011 | U | 0.0011 | 0.00034 |
| 108-88-3 | Toluene | 0.0011 | U | 0.0011 | 0.00026 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0011 | U | 0.0011 | 0.00027 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0011 | U | 0.0011 | 0.00029 |
| 79-01-6 | Trichloroethene | 0.0011 | U | 0.0011 | 0.00035 |
| 75-69-4 | Trichlorofluoromethane | 0.0011 | U | 0.0011 | 0.00045 |
| 75-01-4 | Vinyl chloride | 0.0011 | U | 0.0011 | 0.00060 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 111 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 98 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D
Lims ID: 460-319954-C-5-A
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 02:42:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-5-A
Misc. Info.: 460-0186729-027
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:56 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:56

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.333 | -0.007 | 0 | 323571 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.608 | -0.007 | 43 | 315691 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.181 | -0.007 | 96 | 172328 | 51.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 173475 | 49.3 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.933 | -0.007 | 98 | 704572 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 22940 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.781 | -0.007 | 99 | 687558 | 49.2 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.150 | -0.008 | 88 | 472436 | 50.0 | |
| 95 m-Xylene & p-Xylene | 106 | 9.336 | 9.343 | -0.007 | 0 | 2528 | 0.3351 | |
| 97 o-Xylene | 106 | 9.665 | 9.672 | -0.007 | 92 | 1805 | 0.2598 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.117 | -0.008 | 0 | 185278 | 55.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 220094 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

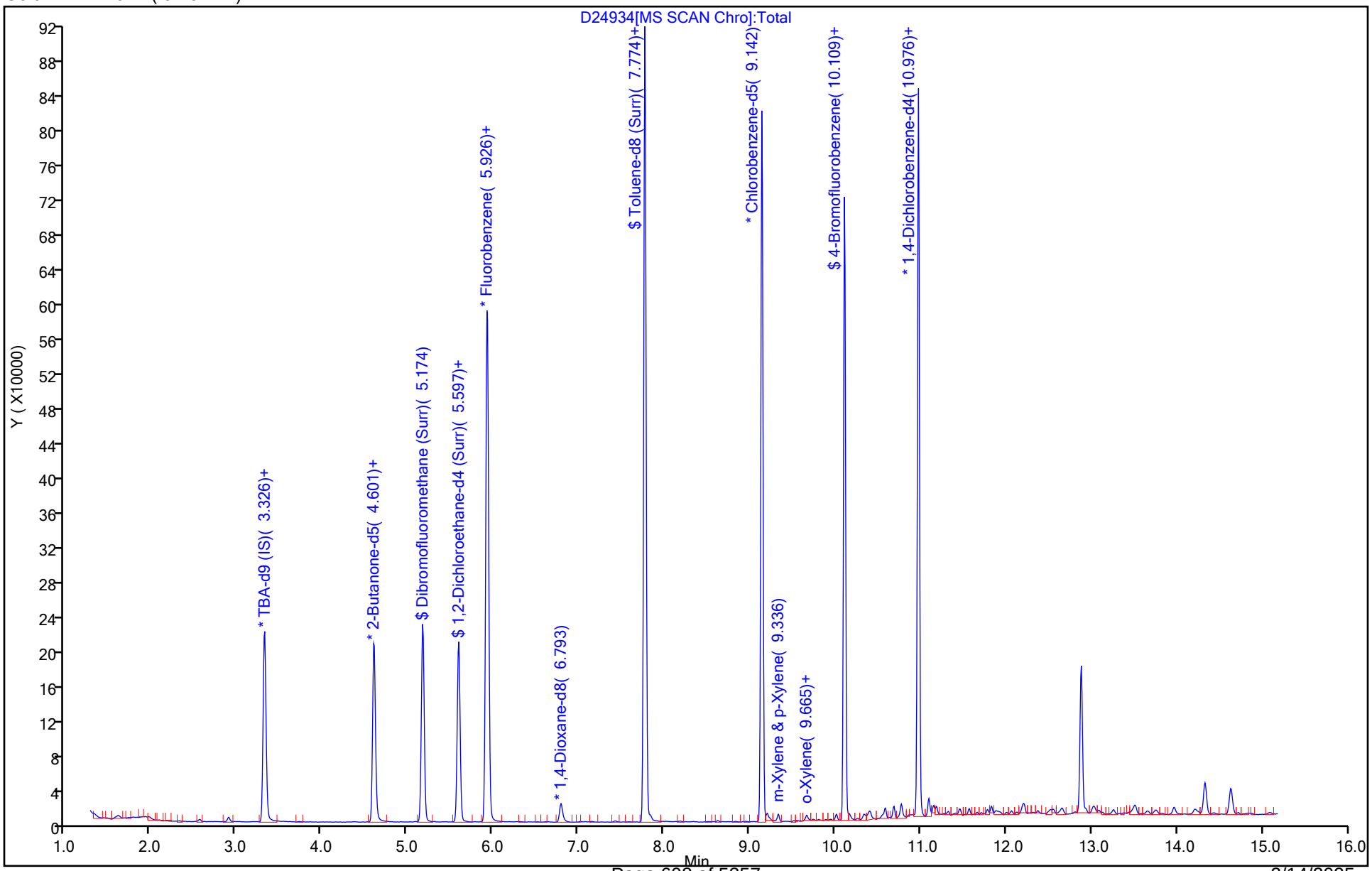
Report Date: 11-Feb-2025 11:23:56 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 02:42:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-5-A | Lab Sample ID: | 460-319954-5 | Worklist Smp#: | 27 |
| Client ID: | RX-19-01_0-2 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D
Lims ID: 460-319954-C-5-A
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 11-Feb-2025 02:42:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-5-A
Misc. Info.: 460-0186729-027
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 11:23:56 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

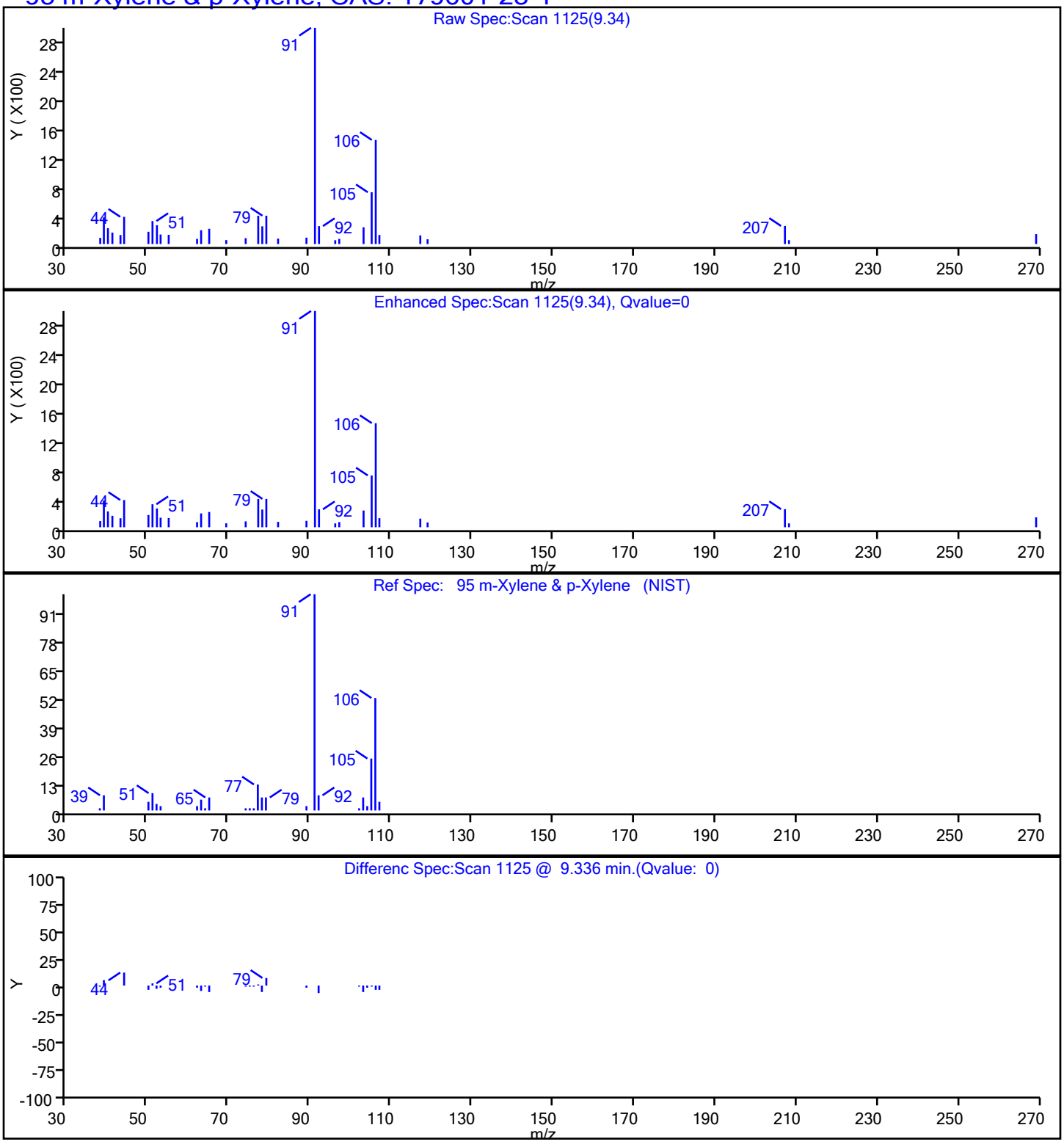
First Level Reviewer: RD6L Date: 11-Feb-2025 11:23:56

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.1 | 102.13 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.3 | 98.58 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 49.2 | 98.45 |
| $ 102 4-Bromofluorobenzene | 50.0 | 55.3 | 110.65 |

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D
Injection Date: 11-Feb-2025 02:42:30 Instrument ID: CVOAMS4
Lims ID: 460-319954-C-5-A Lab Sample ID: 460-319954-5
Client ID: RX-19-01_0-2
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

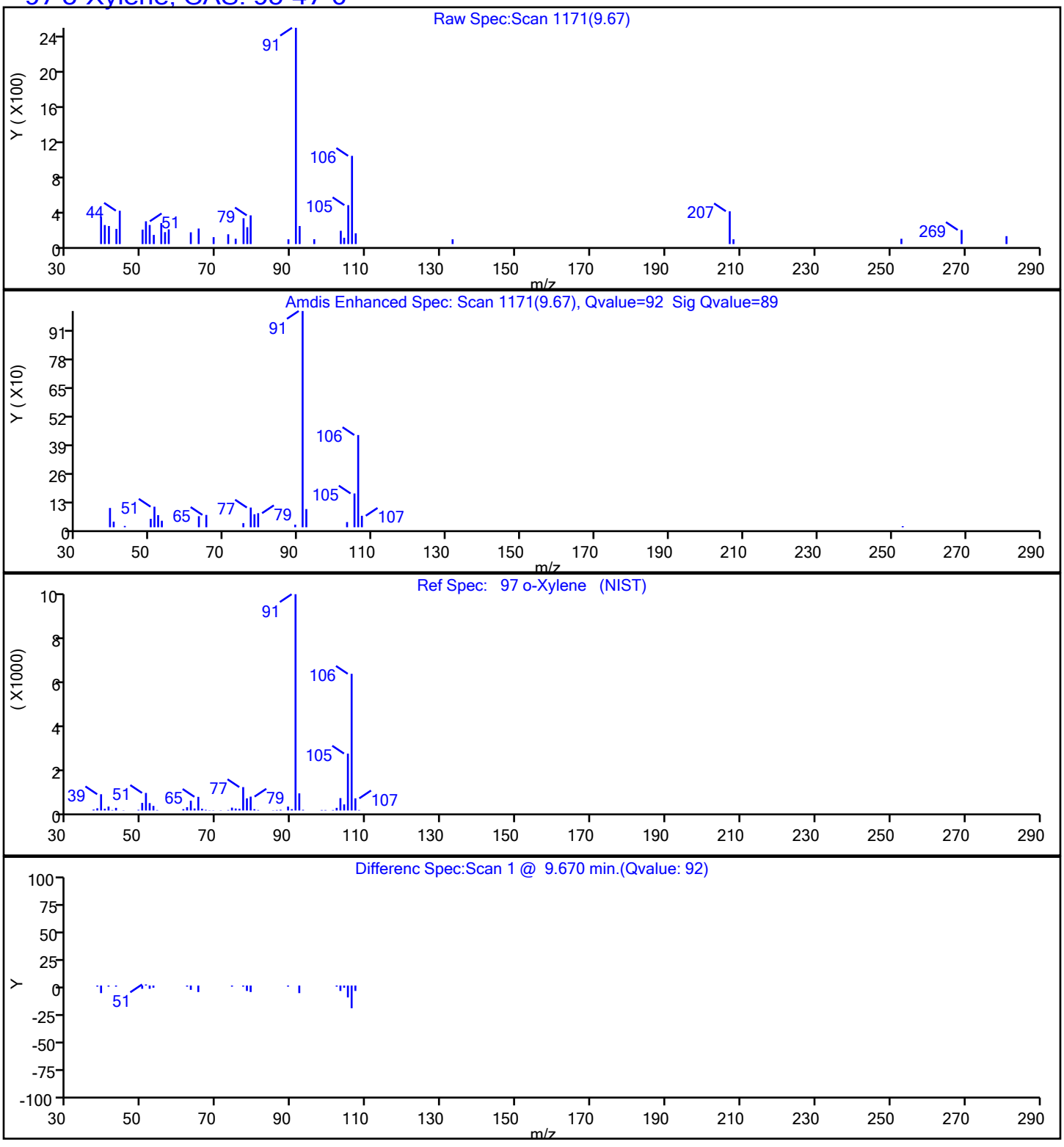
## 95 m-Xylene & p-Xylene, CAS: 179601-23-1



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D
Injection Date: 11-Feb-2025 02:42:30 Instrument ID: CVOAMS4
Lims ID: 460-319954-C-5-A Lab Sample ID: 460-319954-5
Client ID: RX-19-01_0-2
Operator ID: ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 97 o-Xylene, CAS: 95-47-6



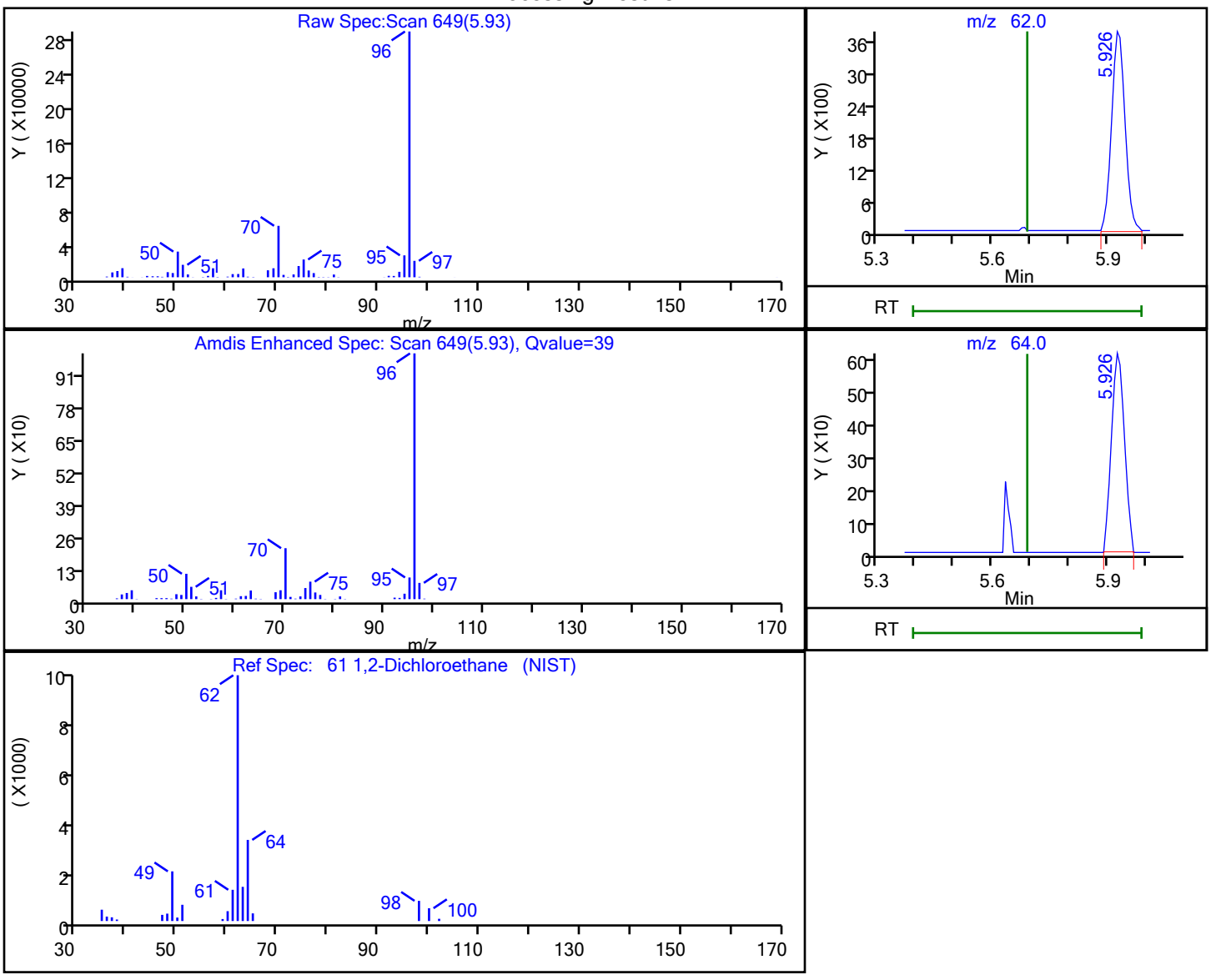
User Disabled Compound Report

Eurofins Edison

| | | | |
|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24934.D | | |
| Injection Date: | 11-Feb-2025 02:42:30 | Instrument ID: | CVOAMS4 |
| Lims ID: | 460-319954-C-5-A | Lab Sample ID: | 460-319954-5 |
| Client ID: | RX-19-01_0-2 | | |
| Operator ID: | | ALS Bottle#: | 27 Worklist Smp#: 27 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN |

## 61 1,2-Dichloroethane, CAS: 107-06-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 9078 | 1.793710 |
| 5.93 | 64.00 | 1475 | |

Reviewer: RD6L, 11-Feb-2025 11:23:41 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: D24954.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:00

Sample wt/vol: 3.64(g) | Date Analyzed: 02/11/2025 12:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.3 % Solids: 98.7 | Level: (low/med) Low

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0014 | U | 0.0014 | 0.00032 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0014 | U | 0.0014 | 0.00030 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0014 | U | 0.0014 | 0.00042 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0014 | U | 0.0014 | 0.00025 |
| 75-34-3 | 1,1-Dichloroethane | 0.0014 | U | 0.0014 | 0.00029 |
| 75-35-4 | 1,1-Dichloroethene | 0.0014 | U | 0.0014 | 0.00031 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00025 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0014 | U | 0.0014 | 0.00064 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00050 |
| 107-06-2 | 1,2-Dichloroethane | 0.0014 | U | 0.0014 | 0.00041 |
| 78-87-5 | 1,2-Dichloropropane | 0.0014 | U | 0.0014 | 0.00059 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00051 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0014 | U | 0.0014 | 0.00031 |
| 78-93-3 | 2-Butanone (MEK) | 0.0070 | U | 0.0070 | 0.00051 |
| 591-78-6 | 2-Hexanone | 0.0070 | U | 0.0070 | 0.0024 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0070 | U | 0.0070 | 0.0022 |
| 67-64-1 | Acetone | 0.0084 | U | 0.0084 | 0.0080 |
| 71-43-2 | Benzene | 0.0014 | U | 0.0014 | 0.00036 |
| 75-25-2 | Bromoform | 0.0014 | U | 0.0014 | 0.00059 |
| 74-83-9 | Bromomethane | 0.0028 | U * | 0.0028 | 0.0014 |
| 75-15-0 | Carbon disulfide | 0.0014 | U | 0.0014 | 0.00037 |
| 56-23-5 | Carbon tetrachloride | 0.0014 | U | 0.0014 | 0.00054 |
| 108-90-7 | Chlorobenzene | 0.0014 | U | 0.0014 | 0.00025 |
| 74-97-5 | Chlorobromomethane | 0.0014 | U | 0.0014 | 0.00039 |
| 124-48-1 | Chlorodibromomethane | 0.0014 | U | 0.0014 | 0.00027 |
| 75-00-3 | Chloroethane | 0.0014 | U | 0.0014 | 0.00073 |
| 67-66-3 | Chloroform | 0.0014 | U | 0.0014 | 0.0014 |
| 74-87-3 | Chloromethane | 0.0014 | U | 0.0014 | 0.00061 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00050 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00038 |
| 110-82-7 | Cyclohexane | 0.0014 | U | 0.0014 | 0.00031 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: D24954.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:00

Sample wt/vol: 3.64(g) | Date Analyzed: 02/11/2025 12:46

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

% Moisture: 1.3 % Solids: 98.7 | Level: (low/med) Low

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0014 | U | 0.0014 | 0.00036 |
| 75-71-8 | Dichlorodifluoromethane | 0.0014 | U | 0.0014 | 0.00047 |
| 100-41-4 | Ethylbenzene | 0.0014 | U | 0.0014 | 0.00028 |
| 106-93-4 | Ethylene Dibromide | 0.0014 | U | 0.0014 | 0.00025 |
| 98-82-8 | Isopropylbenzene | 0.0014 | U | 0.0014 | 0.00040 |
| 79-20-9 | Methyl acetate | 0.0070 | U | 0.0070 | 0.0060 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0014 | U | 0.0014 | 0.00071 |
| 108-87-2 | Methylcyclohexane | 0.0014 | U | 0.0014 | 0.00069 |
| 75-09-2 | Methylene Chloride | 0.0028 | U | 0.0028 | 0.0016 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0014 | U | 0.0014 | 0.00024 |
| 95-47-6 | o-Xylene | 0.0014 | U | 0.0014 | 0.00027 |
| 100-42-5 | Styrene | 0.0014 | U | 0.0014 | 0.00039 |
| 127-18-4 | Tetrachloroethene | 0.0014 | U | 0.0014 | 0.00042 |
| 108-88-3 | Toluene | 0.0014 | U | 0.0014 | 0.00033 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0014 | U | 0.0014 | 0.00034 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0014 | U | 0.0014 | 0.00037 |
| 79-01-6 | Trichloroethene | 0.0014 | U | 0.0014 | 0.00045 |
| 75-69-4 | Trichlorofluoromethane | 0.0014 | U | 0.0014 | 0.00057 |
| 75-01-4 | Vinyl chloride | 0.0014 | U | 0.0014 | 0.00076 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 99 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 102 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 106 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 100 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24954.D
Lims ID: 460-319954-C-6-A
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 11-Feb-2025 12:46:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-6-A
Misc. Info.: 460-0186760-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 13:04:58 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 13:04:58

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| 28 Methylene Chloride | 84 | 3.312 | 3.312 | 0.000 | 88 | 3109 | 0.6362 | |
| * 29 TBA-d9 (IS) | 65 | 3.319 | 3.326 | -0.007 | 0 | 226127 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.601 | 0.000 | 38 | 239062 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.174 | 0.000 | 96 | 179314 | 53.0 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.589 | 5.597 | -0.008 | 96 | 175227 | 49.6 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.926 | 0.000 | 98 | 706679 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.786 | 6.793 | -0.007 | 0 | 18475 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.774 | 0.000 | 99 | 703532 | 50.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.142 | 0.000 | 88 | 474906 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.109 | 0.000 | 0 | 165070 | 51.0 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 212593 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

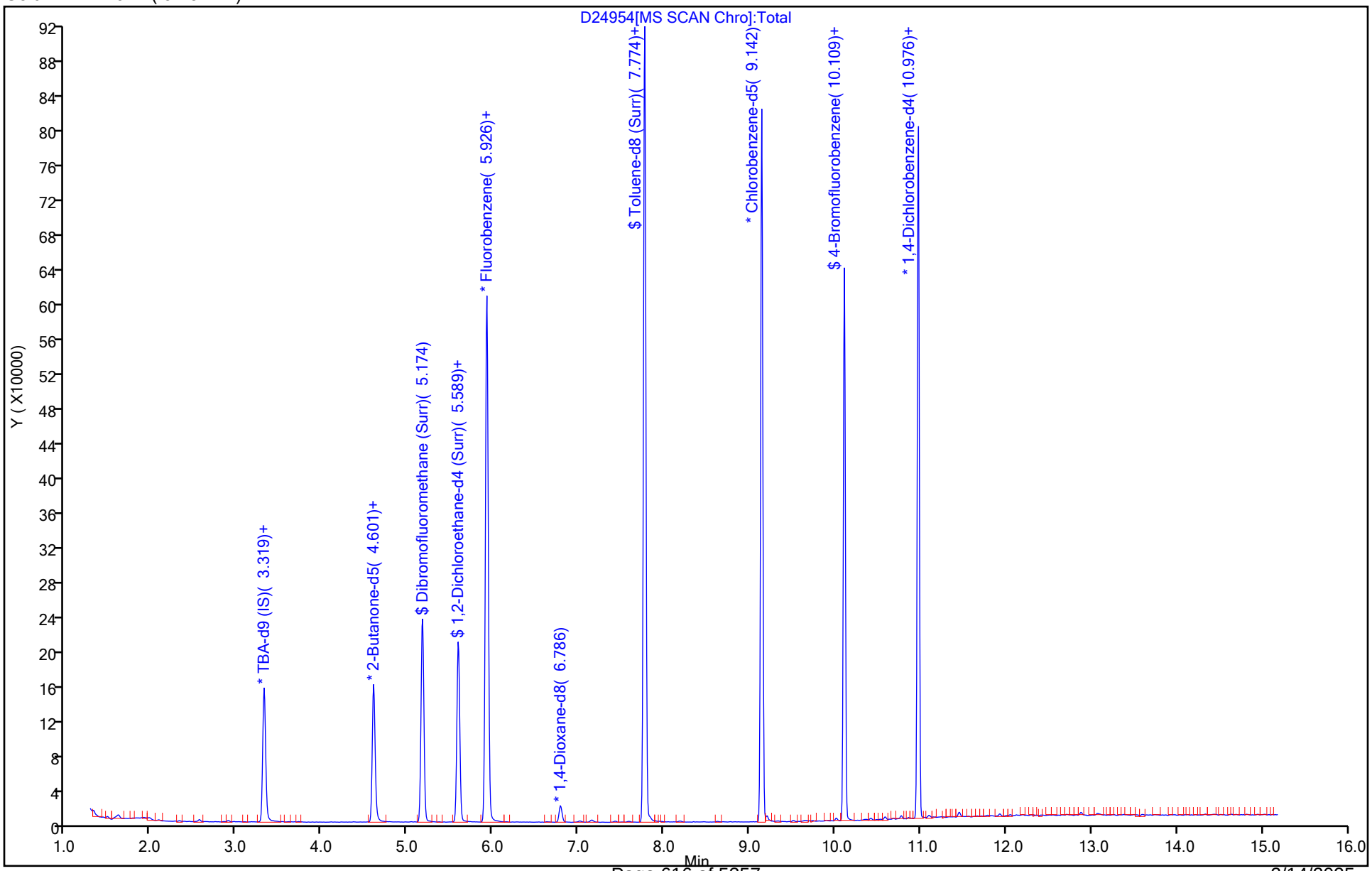
Report Date: 11-Feb-2025 13:04:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24954.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 12:46:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | 460-319954-C-6-A | Lab Sample ID: | 460-319954-6 | Worklist Smp#: | 17 |
| Client ID: | DUP_02052025 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24954.D
Lims ID: 460-319954-C-6-A
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 11-Feb-2025 12:46:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-C-6-A
Misc. Info.: 460-0186760-017
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 13:04:58 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1602

First Level Reviewer: RD6L Date: 11-Feb-2025 13:04:58

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 53.0 | 105.96 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.6 | 99.28 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.1 | 100.21 |
| $ 102 4-Bromofluorobenzene | 50.0 | 51.0 | 102.06 |

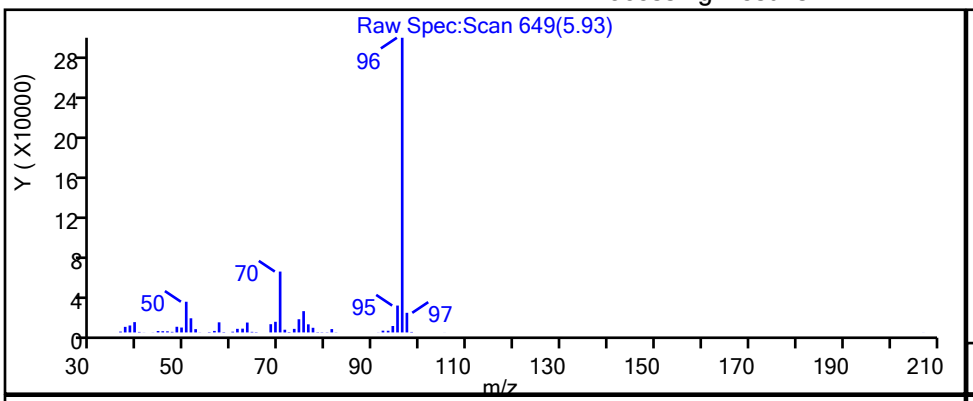
User Disabled Compound Report

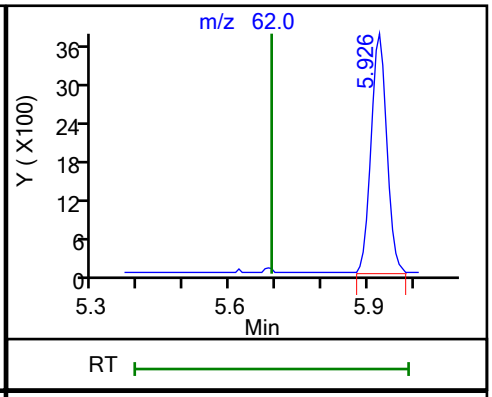
Eurofins Edison

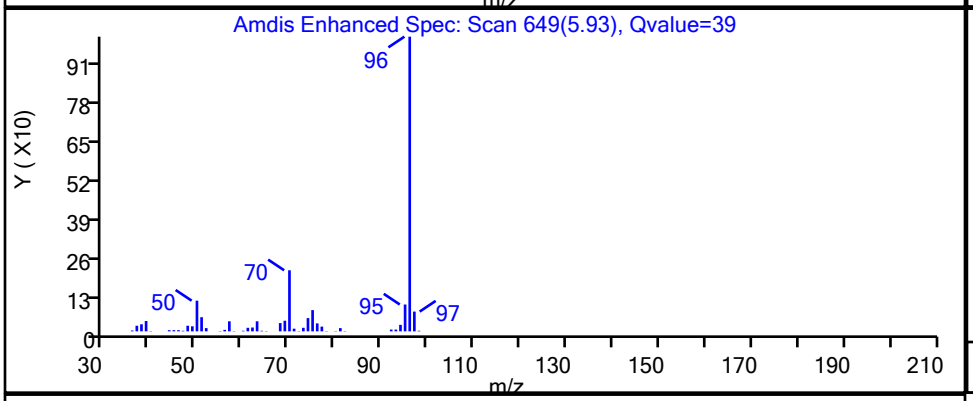
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24954.D | | | | |
| Injection Date: | 11-Feb-2025 12:46:30 | Instrument ID: | CVOAMS4 | | |
| Lims ID: | 460-319954-C-6-A | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 17 |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |
| Column: | Rtx-624 ( 0.25 mm) | Detector | MS SCAN | | |

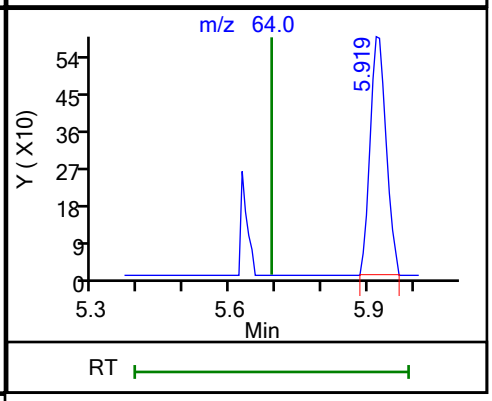
## 61 1,2-Dichloroethane, CAS: 107-06-2

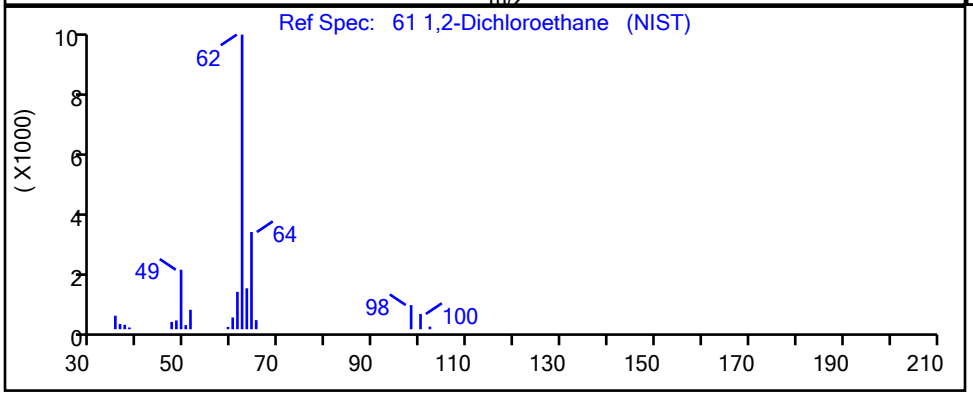
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 8920 | 1.757236 |
| 5.92 | 64.00 | 1429 | |

Reviewer: RD6L, 11-Feb-2025 13:04:50 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: A22194.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0 | U | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 1.0 | 0.37 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 1.0 | U | 1.0 | 0.38 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 1.0 | 0.21 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | U | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 1.0 | 0.33 |
| 78-93-3 | 2-Butanone (MEK) | 5.0 | U * | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 5.0 | U * | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 5.0 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 5.0 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 1.0 | U | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 1.0 | U | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 1.0 | U | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 1.0 | U | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 1.0 | U | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 1.0 | U | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 1.0 | U | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 1.0 | U * | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 1.0 | U | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 1.0 | U | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 1.0 | U | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 1.0 | U | 1.0 | 0.32 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: A22194.D

Analysis Method: 8260D | Date Collected: 02/05/2025 12:05

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 04:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 1.0 | U | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 1.0 | U | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 106-93-4 | Ethylene Dibromide | 1.0 | U | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 1.0 | U | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 5.0 | U | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 1.0 | U | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 1.0 | U | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 1.0 | U | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 1.0 | U | 1.0 | 0.36 |
| 100-42-5 | Styrene | 1.0 | U | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 1.0 | U | 1.0 | 0.25 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 1.0 | U | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 1.0 | U | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 1.0 | U | 1.0 | 0.17 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 84 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 102 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 96 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 92 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22194.D
Lims ID: 460-319954-A-7
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 11-Feb-2025 04:20:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-A-7
Misc. Info.: 460-0186732-021
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 07:29:10 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: KG2Q Date: 11-Feb-2025 07:27:28

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|
| * 30 TBA-d9 (IS) | 65 | 3.134 | 3.134 | 0.000 | 0 | 207062 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 244999 | 250.0 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.710 | 4.716 | -0.006 | 96 | 147536 | 48.1 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.092 | 5.098 | -0.006 | 0 | 146236 | 42.0 | |
| * 66 Fluorobenzene | 96 | 5.386 | 5.387 | -0.001 | 99 | 602463 | 50.0 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.157 | 6.157 | 0.000 | 0 | 26610 | 1000.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.245 | 7.245 | 0.000 | 98 | 561447 | 46.1 | |
| * 94 Chlorobenzene-d5 | 117 | 9.327 | 9.327 | 0.000 | 84 | 429988 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.421 | 10.422 | -0.001 | 87 | 161151 | 51.2 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.227 | 11.227 | 0.000 | 96 | 218974 | 50.0 | |

## Reagents:

8260ISNEW_00208 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

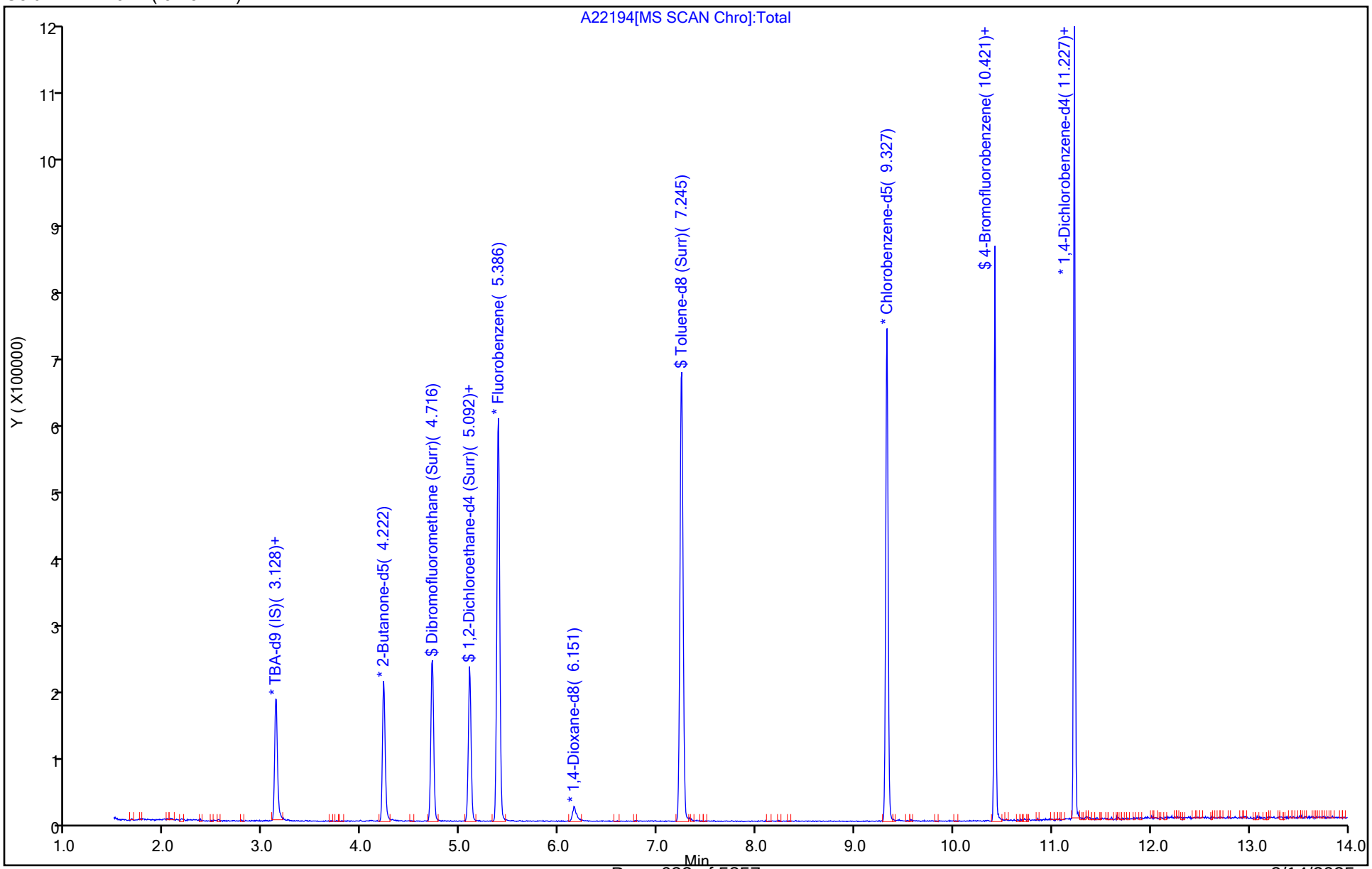
Report Date: 11-Feb-2025 07:31:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22194.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 04:20:30 | Instrument ID: | CVOAMS1 | Operator ID: | |
| Lims ID: | 460-319954-A-7 | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 21 |
| Client ID: | FB_02052025 | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | 8260624W_1 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22194.D
Lims ID: 460-319954-A-7
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 11-Feb-2025 04:20:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-319954-A-7
Misc. Info.: 460-0186732-021
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 07:29:10 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: KG2Q Date: 11-Feb-2025 07:27:28

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 55 Dibromofluoromethane (Surr) | 50.0 | 48.1 | 96.27 |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 50.0 | 42.0 | 83.91 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 46.1 | 92.20 |
| $ 105 4-Bromofluorobenzene | 50.0 | 51.2 | 102.43 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1002673/3 | A18532.D |
| Level 2 | STD1 460-1002673/4 | A18533.D |
| Level 3 | STD5 460-1002673/5 | A18534.D |
| Level 4 | STD20 460-1002673/6 | A18535.D |
| Level 5 | STD50 460-1002673/7 | A18536.D |
| Level 6 | STD200 460-1002673/8 | A18537.D |
| Level 7 | STD500 460-1002673/9 | A18538.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | +++++ 0.0833 | 0.0353 0.0855 | 0.0459 | 0.0377 | 0.0436 | QuaF | | 0.0755 | 0.0000205 | | | | | | 0.9970 | | 0.9900 |
| Dichlorodifluoromethane | +++++ 0.4445 | 0.3456 0.4131 | 0.3434 | 0.3477 | 0.3683 | Ave | | 0.3771 | | | 0.1000 | 11.2 | | 20.0 | | | |
| Chlorodifluoromethane | +++++ 0.6847 | 0.4278 0.6895 | 0.5549 | 0.5174 | 0.5336 | Ave | | 0.5680 | | | | 17.9 | | 20.0 | | | |
| Chloromethane | +++++ 0.4993 | 0.5462 0.5038 | 0.4904 | 0.4758 | 0.4752 | Ave | | 0.4984 | | | 0.1000 | 5.3 | | 20.0 | | | |
| Vinyl chloride | +++++ 0.3833 | 0.3894 0.3712 | 0.3426 | 0.3611 | 0.3669 | Ave | | 0.3691 | | | 0.1000 | 4.5 | | 20.0 | | | |
| Butadiene | 0.3771 0.3726 | 0.3435 0.3539 | 0.3528 | 0.3291 | 0.3486 | Ave | | 0.3539 | | | | 4.7 | | 20.0 | | | |
| Bromomethane | +++++ 0.1851 | 0.1524 0.1777 | 0.1491 | 0.1621 | 0.1629 | Ave | | 0.1649 | | | 0.1000 | 8.5 | | 20.0 | | | |
| Chloroethane | +++++ 0.2285 | 0.2182 0.2190 | 0.2363 | 0.2215 | 0.2243 | Ave | | 0.2246 | | | 0.1000 | 3.0 | | 20.0 | | | |
| Dichlorofluoromethane | +++++ 0.5927 | 0.6303 0.5897 | 0.5856 | 0.5858 | 0.5751 | Ave | | 0.5932 | | | | 3.2 | | 20.0 | | | |
| Trichlorofluoromethane | +++++ 0.3916 | 0.4108 0.3724 | 0.3355 | 0.3553 | 0.3733 | Ave | | 0.3732 | | | 0.1000 | 7.1 | | 20.0 | | | |
| Pentane | +++++ 3.5000 | 3.3977 3.0039 | 3.3273 | 3.0812 | 4.0486 | Ave | | 3.3931 | | | | 11.0 | | 20.0 | | | |
| Ethanol | +++++ 0.0800 | 0.0969 0.0837 | 0.0676 | 0.0796 | 0.0866 | Ave | | 0.0824 | | | | 11.7 | | 20.0 | | | |
| Ethyl ether | +++++ 0.2427 | 0.3082 0.2466 | 0.2679 | 0.2458 | 0.2424 | Ave | | 0.2589 | | | | 10.0 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 2-Methyl-1,3-butadiene | +++++ 0.2754 | 0.2970 0.2581 | 0.2805 | 0.2663 | 0.2826 | Ave | | 0.2766 | | | | 4.9 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | +++++ 0.1952 | 0.2143 0.1870 | 0.2065 | 0.1860 | 0.1883 | Ave | | 0.1962 | | | | 6.0 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | +++++ 0.3712 | 0.4385 0.3740 | 0.4007 | 0.3593 | 0.3594 | Ave | | 0.3838 | | | | 8.0 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | +++++ 0.2501 | 0.2120 0.2306 | 0.2459 | 0.2292 | 0.2449 | Ave | | 0.2355 | | | 0.1000 | 6.1 | | 20.0 | | | |
| Acrolein | +++++ 2.0357 | 2.4312 2.0237 | 1.7589 | 1.8930 | 2.1148 | Ave | | 2.0429 | | | | 11.2 | | 20.0 | | | |
| 1,1-Dichloroethene | +++++ 0.2440 | 0.2831 0.2448 | 0.2783 | 0.2459 | 0.2513 | Ave | | 0.2579 | | | 0.1000 | 6.9 | | 20.0 | | | |
| Acetone | +++++ 0.2307 | 0.2078 0.2516 | 0.2023 | 0.1986 | 0.1973 | Ave | | 0.2147 | | | 0.0500 | 10.2 | | 20.0 | | | |
| Isopropyl alcohol | +++++ 0.7464 | 0.8452 0.7836 | 0.7598 | 0.7286 | 0.7419 | Ave | | 0.7676 | | | | 5.5 | | 20.0 | | | |
| Iodomethane | +++++ 0.3022 | 0.1486 0.3049 | 0.1622 | 0.1937 | 0.2407 | QuaF | | 0.2896 | 0.0000314 | | | | | | 0.9990 | | 0.9900 |
| Carbon disulfide | +++++ 0.9472 | 1.2190 0.9331 | 1.0666 | 1.0054 | 1.0281 | Ave | | 1.0332 | | | 0.1000 | 10.0 | | 20.0 | | | |
| 3-Chloro-1-propene | +++++ 0.1762 | 0.2093 0.1861 | 0.1841 | 0.1725 | 0.1772 | Ave | | 0.1842 | | | | 7.2 | | 20.0 | | | |
| Methyl acetate | +++++ 10.493 | 11.904 10.178 | 11.061 | 10.466 | 11.330 | Ave | | 10.905 | | | 0.0500 | 5.9 | | 20.0 | | | |
| Cyclopentene | +++++ 0.5933 | 0.7093 0.5643 | 0.6238 | 0.6154 | 0.6530 | Ave | | 0.6265 | | | | 8.0 | | 20.0 | | | |
| Acetonitrile | +++++ 2.0011 | 2.8221 2.1369 | 2.2588 | 2.1026 | 2.3233 | Ave | | 2.2742 | | | | 12.8 | | 20.0 | | | |
| Methylene Chloride | +++++ 0.2925 | 0.3467 0.2957 | 0.3255 | 0.3137 | 0.3071 | Ave | | 0.3135 | | | 0.1000 | 6.5 | | 20.0 | | | |
| 2-Methyl-2-propanol | +++++ 1.0503 | 1.0012 1.0892 | 1.0828 | 1.0161 | 1.0381 | Ave | | 1.0463 | | | | 3.4 | | 20.0 | | | |
| Methyl tert-butyl ether | +++++ 0.6718 | 0.6786 0.6858 | 0.6683 | 0.6617 | 0.6431 | Ave | | 0.6682 | | | 0.1000 | 2.2 | | 20.0 | | | |
| trans-1,2-Dichloroethene | +++++ 0.2702 | 0.2719 0.2695 | 0.2797 | 0.2750 | 0.2820 | Ave | | 0.2747 | | | 0.1000 | 1.9 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Acrylonitrile | 0.0662 0.0896 | 0.0927 0.0903 | 0.0965 | 0.0917 | 0.0876 | Ave | | 0.0878 | | | | 11.3 | | 20.0 | | | |
| Hexane | +++++ 0.2816 | 0.2387 0.2546 | 0.3022 | 0.2764 | 0.2940 | Ave | | 0.2746 | | | | 8.7 | | 20.0 | | | |
| Isopropyl ether | +++++ 0.9436 | 0.9224 0.9475 | 0.9556 | 0.9517 | 0.9515 | Ave | | 0.9454 | | | | 1.3 | | 20.0 | | | |
| 1,1-Dichloroethane | +++++ 0.5125 | 0.5680 0.5055 | 0.5469 | 0.5499 | 0.5351 | Ave | | 0.5363 | | | 0.2000 | 4.4 | | 20.0 | | | |
| Vinyl acetate | +++++ 3.2891 | 2.2498 3.2139 | 2.7024 | 3.0861 | 3.4533 | Ave | | 2.9991 | | | | 14.9 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | +++++ 0.2418 | 0.2820 0.2376 | 0.2460 | 0.2437 | 0.2536 | Ave | | 0.2508 | | | | 6.5 | | 20.0 | | | |
| Tert-butyl ethyl ether | +++++ 0.7987 | 0.8473 0.8242 | 0.7988 | 0.7974 | 0.7839 | Ave | | 0.8084 | | | | 2.9 | | 20.0 | | | |
| 2,2-Dichloropropane | +++++ 0.0877 | 0.0977 0.0891 | 0.0835 | 0.0863 | 0.0890 | Ave | | 0.0889 | | | | 5.4 | | 20.0 | | | |
| cis-1,2-Dichloroethene | +++++ 0.2915 | 0.3331 0.2955 | 0.3149 | 0.2970 | 0.2947 | Ave | | 0.3044 | | | 0.1000 | 5.4 | | 20.0 | | | |
| Ethyl acetate | +++++ 0.2462 | 0.2802 0.2477 | 0.2591 | 0.2532 | 0.2575 | Ave | | 0.2573 | | | | 4.8 | | 20.0 | | | |
| 2-Butanone (MEK) | +++++ 0.2552 | 0.2155 0.2580 | 0.2481 | 0.2488 | 0.2396 | Ave | | 0.2442 | | | 0.0500 | 6.3 | | 20.0 | | | |
| Methyl acrylate | +++++ 0.1991 | 0.1815 0.2069 | 0.2090 | 0.2088 | 0.1999 | Ave | | 0.2009 | | | | 5.2 | | 20.0 | | | |
| Propionitrile | +++++ 1.9976 | 1.9671 1.9653 | 2.0362 | 1.9574 | 2.1174 | Ave | | 2.0068 | | | | 3.1 | | 20.0 | | | |
| Chlorobromomethane | +++++ 0.1218 | 0.1264 0.1201 | 0.1170 | 0.1303 | 0.1220 | Ave | | 0.1229 | | | | 3.9 | | 20.0 | | | |
| Tetrahydrofuran | +++++ 0.8680 | 0.8977 0.8538 | 0.9575 | 0.9083 | 0.9379 | Ave | | 0.9039 | | | | 4.4 | | 20.0 | | | |
| Methacrylonitrile | +++++ 0.0957 | 0.0856 0.0910 | 0.0998 | 0.1033 | 0.0966 | Ave | | 0.0953 | | | | 6.6 | | 20.0 | | | |
| Chloroform | +++++ 0.4390 | 0.5064 0.4243 | 0.5154 | 0.4711 | 0.4583 | Ave | | 0.4691 | | | 0.2000 | 7.7 | | 20.0 | | | |
| Cyclohexane | +++++ 0.5132 | 0.5005 0.4821 | 0.5156 | 0.4788 | 0.5273 | Ave | | 0.5029 | | | 0.1000 | 3.9 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1-Trichloroethane | +++++ 0.3466 | 0.4296 0.3399 | 0.3740 | 0.3510 | 0.3536 | Ave | | 0.3658 | | | 0.1000 | 9.1 | | 20.0 | | | |
| Carbon tetrachloride | +++++ 0.2925 | 0.3525 0.2911 | 0.3052 | 0.2899 | 0.2982 | Ave | | 0.3049 | | | 0.1000 | 7.9 | | 20.0 | | | |
| 1,1-Dichloropropene | +++++ 0.3723 | 0.3930 0.3698 | 0.3848 | 0.3788 | 0.3792 | Ave | | 0.3797 | | | | 2.2 | | 20.0 | | | |
| Isobutyl alcohol | +++++ 0.5143 | 0.4535 0.5546 | 0.4446 | 0.4594 | 0.5027 | Ave | | 0.4882 | | | | 8.8 | | 20.0 | | | |
| Isooctane | +++++ 0.9201 | 0.6848 0.8430 | 0.8725 | 0.8195 | 0.9212 | Ave | | 0.8435 | | | | 10.4 | | 20.0 | | | |
| Benzene | +++++ 1.4503 | 1.7572 1.4353 | 1.6728 | 1.5987 | 1.5880 | Ave | | 1.5837 | | | 0.5000 | 7.9 | | 20.0 | | | |
| Isopropyl acetate | +++++ 0.0909 | 0.3386 0.0935 | 0.1427 | 0.1040 | 0.0913 | Lin2 | 0.2484 | 0.0906 | | | | | | | 0.9990 | | 0.9900 |
| Tert-amyl methyl ether | +++++ 0.1927 | 0.1868 0.1981 | 0.1883 | 0.1960 | 0.1903 | Ave | | 0.1920 | | | | 2.3 | | 20.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2950 | 0.3770 0.2941 | 0.3347 | 0.3254 | 0.3084 | Ave | | 0.3224 | | | 0.1000 | 9.7 | | 20.0 | | | |
| n-Heptane | +++++ 0.2289 | 0.1522 0.2114 | 0.2104 | 0.2050 | 0.2235 | Ave | | 0.2052 | | | | 13.4 | | 20.0 | | | |
| n-Butanol | +++++ 0.3285 | 0.1293 +++++ | 0.2501 | 0.2651 | 0.3004 | Lin2 | -4.335 | 0.2989 | | | | | | | 0.9940 | | 0.9900 |
| Trichloroethene | +++++ 0.2699 | 0.2824 0.2778 | 0.2817 | 0.2697 | 0.2663 | Ave | | 0.2747 | | | 0.2000 | 2.5 | | 20.0 | | | |
| Ethyl acrylate | +++++ 0.0360 | 0.0044 0.0352 | 0.0356 | 0.0329 | 0.0351 | Lin2 | -0.031 | 0.0365 | | | | | | | 0.9940 | | 0.9900 |
| Methylcyclohexane | +++++ 0.4714 | 0.3505 0.4457 | 0.4025 | 0.4113 | 0.4519 | Ave | | 0.4222 | | | 0.1000 | 10.3 | | 20.0 | | | |
| 1,2-Dichloropropane | +++++ 0.3041 | 0.3415 0.3106 | 0.3246 | 0.3109 | 0.3075 | Ave | | 0.3165 | | | 0.1000 | 4.4 | | 20.0 | | | |
| Methyl methacrylate | +++++ 0.1578 | 0.1263 0.1657 | 0.1503 | 0.1576 | 0.1500 | Ave | | 0.1513 | | | | 9.0 | | 20.0 | | | |
| 1,4-Dioxane | +++++ 1.1605 | 0.7379 1.2866 | 1.2201 | 1.1198 | 1.0166 | Ave | | 1.0903 | | | | 17.9 | | 20.0 | | | |
| n-Propyl acetate | +++++ 0.3115 | 0.2849 0.3272 | 0.3225 | 0.3287 | 0.3079 | Ave | | 0.3138 | | | | 5.2 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromomethane | +++++ 0.1499 | 0.1506 0.1514 | 0.1556 | 0.1538 | 0.1509 | Ave | | 0.1520 | | | | 1.4 | | 20.0 | | | |
| Dichlorobromomethane | +++++ 0.3400 | 0.3472 0.3516 | 0.3489 | 0.3404 | 0.3326 | Ave | | 0.3434 | | | 0.2000 | 2.1 | | 20.0 | | | |
| 2-Nitropropane | +++++ 0.0500 | 0.0616 0.0532 | 0.0555 | 0.0494 | 0.0467 | Ave | | 0.0527 | | | | 10.1 | | 20.0 | | | |
| Epichlorohydrin | 0.1145 0.1835 | 0.1494 0.1999 | 0.1538 | 0.1619 | 0.1664 | Ave | | 0.1613 | | | | 16.8 | | 20.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.6174 | 0.6194 0.6388 | 0.5921 | 0.5952 | 0.6106 | Ave | | 0.6122 | | | 0.2000 | 2.8 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | +++++ 2.0733 | 1.1201 2.0730 | 1.9577 | 1.9731 | 2.0696 | Ave | | 1.8778 | | | 0.0500 | 20.0 | | 20.0 | | | |
| Toluene | +++++ 1.4835 | 1.8828 1.5057 | 1.6739 | 1.5180 | 1.5510 | Ave | | 1.6025 | | | 0.4000 | 9.5 | | 20.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.5096 | 0.5231 0.5341 | 0.4924 | 0.4870 | 0.4987 | Ave | | 0.5075 | | | 0.1000 | 3.6 | | 20.0 | | | |
| Ethyl methacrylate | +++++ 0.3142 | 0.1756 0.3339 | 0.2444 | 0.2738 | 0.2778 | Lin2 | -0.128 | 0.2972 | | | | | | | 0.9920 | | 0.9900 |
| 1,1,2-Trichloroethane | +++++ 0.2628 | 0.2895 0.2709 | 0.2753 | 0.2818 | 0.2711 | Ave | | 0.2752 | | | 0.1000 | 3.4 | | 20.0 | | | |
| Tetrachloroethene | +++++ 0.3111 | 0.3519 0.3194 | 0.3363 | 0.3165 | 0.3256 | Ave | | 0.3268 | | | 0.2000 | 4.6 | | 20.0 | | | |
| 1,3-Dichloropropane | +++++ 0.5242 | 0.5235 0.5438 | 0.5543 | 0.5407 | 0.5307 | Ave | | 0.5362 | | | | 2.3 | | 20.0 | | | |
| 2-Hexanone | +++++ 0.7881 | 0.5773 0.8187 | 0.6232 | 0.6928 | 0.7305 | Ave | | 0.7051 | | | 0.0500 | 13.2 | | 20.0 | | | |
| n-Butyl acetate | +++++ 0.0718 | +++++ 0.0771 | 0.0682 | 0.0682 | 0.0663 | Ave | | 0.0703 | | | | 6.1 | | 20.0 | | | |
| Chlorodibromomethane | +++++ 0.3023 | 0.2805 0.3144 | 0.3125 | 0.3057 | 0.3034 | Ave | | 0.3031 | | | 0.1000 | 4.0 | | 20.0 | | | |
| Ethylene Dibromide | +++++ 0.2708 | 0.2887 0.2839 | 0.2780 | 0.2697 | 0.2692 | Ave | | 0.2767 | | | 0.1000 | 3.0 | | 20.0 | | | |
| Chlorobenzene | +++++ 0.8941 | 0.9936 0.9066 | 0.9271 | 0.9076 | 0.9197 | Ave | | 0.9248 | | | 0.5000 | 3.8 | | 20.0 | | | |
| Ethylbenzene | +++++ 0.4857 | 0.4561 0.4888 | 0.5025 | 0.4796 | 0.4954 | Ave | | 0.4847 | | | 0.1000 | 3.3 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | +++++ 0.2931 | 0.3049 0.2938 | 0.3050 | 0.2949 | 0.3031 | Ave | | 0.2991 | | | | 1.9 | | 20.0 | | | |
| m-Xylene & p-Xylene | +++++ 0.5964 | 0.6516 0.5949 | 0.5802 | 0.5831 | 0.6083 | Ave | | 0.6024 | | | 0.1000 | 4.3 | | 20.0 | | | |
| n-Butyl acrylate | +++++ 0.2291 | 0.1962 0.2463 | 0.1759 | 0.1981 | 0.2070 | Ave | | 0.2088 | | | | 12.1 | | 20.0 | | | |
| o-Xylene | +++++ 0.5784 | 0.5486 0.5800 | 0.5756 | 0.5748 | 0.5959 | Ave | | 0.5756 | | | 0.3000 | 2.7 | | 20.0 | | | |
| Styrene | +++++ 0.9918 | 0.8675 0.9863 | 0.9540 | 0.9942 | 0.9968 | Ave | | 0.9651 | | | 0.3000 | 5.2 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | +++++ 1.0513 | 0.6516 1.1543 | 0.8395 | 0.9946 | 0.9761 | Ave | | 0.9446 | | | | 18.7 | | 20.0 | | | |
| Bromoform | +++++ 0.1796 | 0.1590 0.1911 | 0.1820 | 0.1729 | 0.1760 | Ave | | 0.1768 | | | 0.1000 | 6.1 | | 20.0 | | | |
| Isopropylbenzene | +++++ 1.3577 | 1.3337 1.3686 | 1.2920 | 1.3082 | 1.3879 | Ave | | 1.3413 | | | 0.1000 | 2.7 | | 20.0 | | | |
| Bromobenzene | +++++ 0.7106 | 0.8123 0.7592 | 0.7307 | 0.7030 | 0.6985 | Ave | | 0.7357 | | | | 5.9 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.7090 | 0.7466 0.7762 | 0.7344 | 0.7335 | 0.7057 | Ave | | 0.7342 | | | 0.3000 | 3.5 | | 20.0 | | | |
| N-Propylbenzene | +++++ 3.8642 | 4.1853 3.8443 | 3.8887 | 3.7702 | 3.9607 | Ave | | 3.9189 | | | | 3.7 | | 20.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.1763 | 0.1820 0.1868 | 0.1970 | 0.1904 | 0.1708 | Ave | | 0.1839 | | | | 5.2 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | +++++ 0.2020 | 0.1793 0.2219 | 0.2049 | 0.2021 | 0.1906 | Ave | | 0.2001 | | | | 7.2 | | 20.0 | | | |
| 2-Chlorotoluene | +++++ 2.4998 | 2.8038 2.4920 | 2.6550 | 2.5998 | 2.5725 | Ave | | 2.6038 | | | | 4.4 | | 20.0 | | | |
| 4-Ethyltoluene | +++++ 2.8840 | 3.0873 2.8598 | 2.9677 | 2.9412 | 3.0555 | Ave | | 2.9659 | | | | 3.1 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 2.4470 | 2.4986 2.4948 | 2.4520 | 2.4183 | 2.5605 | Ave | | 2.4785 | | | | 2.0 | | 20.0 | | | |
| 4-Chlorotoluene | +++++ 2.2468 | 2.5999 2.3233 | 2.3814 | 2.2902 | 2.3464 | Ave | | 2.3647 | | | | 5.3 | | 20.0 | | | |
| Butyl Methacrylate | +++++ 0.8574 | 0.5742 0.9087 | 0.7134 | 0.7737 | 0.8048 | Ave | | 0.7720 | | | | 15.3 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| tert-Butylbenzene | +++++ 2.0619 | 2.0698 2.1288 | 2.0161 | 1.9886 | 2.1057 | Ave | | 2.0618 | | | | 2.6 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 2.5602 | 2.2403 2.5882 | 2.4248 | 2.4624 | 2.5993 | Ave | | 2.4792 | | | | 5.5 | | 20.0 | | | |
| sec-Butylbenzene | +++++ 0.6002 | 0.6095 0.6135 | 0.5787 | 0.5803 | 0.6124 | Ave | | 0.5991 | | | | 2.7 | | 20.0 | | | |
| 4-Isopropyltoluene | +++++ 2.7184 | 2.5749 2.6162 | 2.5207 | 2.5961 | 2.7039 | Ave | | 2.6217 | | | | 2.9 | | 20.0 | | | |
| 1,3-Dichlorobenzene | +++++ 1.3285 | 1.4499 1.3141 | 1.4200 | 1.3505 | 1.3732 | Ave | | 1.3727 | | | 0.6000 | 3.9 | | 20.0 | | | |
| 1,4-Dichlorobenzene | +++++ 1.3378 | 1.6481 1.3318 | 1.4610 | 1.3628 | 1.3709 | Ave | | 1.4187 | | | 0.5000 | 8.6 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | +++++ 2.5669 | 2.6827 2.4938 | 2.6195 | 2.5652 | 2.6632 | Ave | | 2.5985 | | | | 2.7 | | 20.0 | | | |
| Benzyl chloride | +++++ 1.2431 | 1.0940 1.3221 | 1.0900 | 1.1248 | 1.1536 | Ave | | 1.1712 | | | | 7.9 | | 20.0 | | | |
| Indan | +++++ 2.4844 | 2.5416 2.4874 | 2.5472 | 2.4728 | 2.5686 | Ave | | 2.5170 | | | | 1.6 | | 20.0 | | | |
| p-Diethylbenzene | +++++ 1.6217 | 1.8396 1.5635 | 1.5672 | 1.5607 | 1.6484 | Ave | | 1.6335 | | | | 6.6 | | 20.0 | | | |
| n-Butylbenzene | +++++ 1.4903 | 1.5266 1.4244 | 1.5288 | 1.4459 | 1.4868 | Ave | | 1.4838 | | | | 2.8 | | 20.0 | | | |
| 1,2-Dichlorobenzene | +++++ 1.2548 | 1.3262 1.2560 | 1.3180 | 1.2371 | 1.2633 | Ave | | 1.2759 | | | 0.4000 | 2.9 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | +++++ 2.4493 | 2.1974 2.4480 | 2.0193 | 2.1162 | 2.3023 | Ave | | 2.2554 | | | | 7.8 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | +++++ 0.1189 | 0.0954 0.1268 | 0.1161 | 0.1077 | 0.1079 | Ave | | 0.1121 | | | 0.0500 | 9.7 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | +++++ 0.9564 | 1.0737 0.9795 | 0.9160 | 0.8984 | 0.9189 | Ave | | 0.9571 | | | | 6.7 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.8437 | 0.7880 0.8962 | 0.8162 | 0.7913 | 0.7948 | Ave | | 0.8217 | | | 0.2000 | 5.1 | | 20.0 | | | |
| Hexachlorobutadiene | +++++ 0.3416 | 0.4606 0.3325 | 0.3577 | 0.3203 | 0.3270 | Ave | | 0.3566 | | | | 14.7 | | 20.0 | | | |
| Naphthalene | +++++ 1.7288 | 1.8488 1.9001 | 1.6285 | 1.6272 | 1.6202 | Ave | | 1.7256 | | | | 7.1 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2,3-Trichlorobenzene | +++++<br>0.7046 | 0.7889<br>0.7553 | 0.7053 | 0.7046 | 0.7022 | Ave | | 0.7268 | | | | 5.0 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2593<br>0.2501 | 0.2621<br>0.2370 | 0.2602 | 0.2602 | 0.2518 | Ave | | 0.2544 | | | | 3.5 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2937<br>0.2795 | 0.2906<br>0.2770 | 0.2965 | 0.3011 | 0.2866 | Ave | | 0.2893 | | | | 3.0 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.4302<br>1.3981 | 1.4379<br>1.3830 | 1.4351 | 1.4153 | 1.4132 | Ave | | 1.4161 | | | | 1.4 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.3714<br>0.3562 | 0.3631<br>0.3714 | 0.3698 | 0.3623 | 0.3669 | Ave | | 0.3659 | | | | 1.5 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 | Calibration End Date: 10/22/2024 05:47 | Calibration ID: 98997

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1002673/3 | A18532.D |
| Level 2 | STD1 460-1002673/4 | A18533.D |
| Level 3 | STD5 460-1002673/5 | A18534.D |
| Level 4 | STD20 460-1002673/6 | A18535.D |
| Level 5 | STD50 460-1002673/7 | A18536.D |
| Level 6 | STD200 460-1002673/8 | A18537.D |
| Level 7 | STD500 460-1002673/9 | A18538.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | FB | QuaF | +++++<br>198469 | 443<br>510462 | 2892 | 9380 | 26881 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dichlorodifluoromethane | FB | Ave | +++++<br>1059221 | 4343<br>2466456 | 21637 | 86565 | 227106 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chlorodifluoromethane | FB | Ave | +++++<br>1631737 | 5376<br>4117097 | 34957 | 128812 | 329050 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chloromethane | FB | Ave | +++++<br>1189807 | 6864<br>3008548 | 30893 | 118448 | 293042 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Vinyl chloride | FB | Ave | +++++<br>913524 | 4894<br>2216496 | 21586 | 89895 | 226279 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Butadiene | FB | Ave | 1190<br>887895 | 4316<br>2113004 | 22225 | 81922 | 214958 | 0.250<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromomethane | FB | Ave | +++++<br>441015 | 1915<br>1061260 | 9396 | 40345 | 100453 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chloroethane | FB | Ave | +++++<br>544434 | 2742<br>1307829 | 14885 | 55151 | 138355 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dichlorofluoromethane | FB | Ave | +++++<br>1412530 | 7921<br>3521197 | 36896 | 145835 | 354703 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Trichlorofluoromethane | FB | Ave | +++++<br>933337 | 5162<br>2223779 | 21140 | 88446 | 230224 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Pentane | TBAd9 | Ave | +++++<br>266952 | 1255<br>599803 | 7129 | 26407 | 73211 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Ethanol | TBAd9 | Ave | +++++<br>121993 | 716<br>334348 | 2896 | 13652 | 31319 | +++++<br>8000 | 40.0<br>20000 | 200 | 800 | 2000 |
| Ethyl ether | FB | Ave | +++++<br>578289 | 3873<br>1472447 | 16880 | 61180 | 149517 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-1,3-butadiene | FB | Ave | +++++<br>656243 | 3732<br>1540973 | 17669 | 66290 | 174304 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | +++++<br>465218 | 2693<br>1116654 | 13011 | 46292 | 116111 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | +++++ | 5510 | 25243 | 89449 | 221622 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 | Calibration End Date: 10/22/2024 05:47 | Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 884549 | 2233317 | | | | 200 | 500 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | +++++<br>595918 | 2664<br>1377052 | 15494 | 57053 | 151053 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrolein | TBAd9 | Ave | +++++<br>77634 | 1796<br>161631 | 7537 | 16224 | 38242 | +++++<br>200 | 4.00<br>400 | 20.0 | 40.0 | 100 |
| 1,1-Dichloroethene | FB | Ave | +++++<br>581451 | 3557<br>1461736 | 17535 | 61212 | 154962 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acetone | BUT | Ave | +++++<br>273092 | 1194<br>765198 | 6488 | 25482 | 56973 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Isopropyl alcohol | TBAd9 | Ave | +++++<br>284666 | 1561<br>782277 | 8140 | 31222 | 67081 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Iodomethane | FB | QuaF | +++++<br>720263 | 1868<br>1820572 | 10220 | 48219 | 148468 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Carbon disulfide | FB | Ave | +++++<br>2257232 | 15319<br>5571763 | 67195 | 250289 | 634051 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 3-Chloro-1-propene | FB | Ave | +++++<br>419985 | 2630<br>1111350 | 11601 | 42938 | 109283 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl acetate | TBAd9 | Ave | +++++<br>800291 | 4397<br>2032197 | 23699 | 89701 | 204882 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Cyclopentene | FB | Ave | +++++<br>1413957 | 8913<br>3369513 | 39299 | 153196 | 402720 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acetonitrile | TBAd9 | Ave | +++++<br>763158 | 5212<br>2133448 | 24198 | 90100 | 210064 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Methylene Chloride | FB | Ave | +++++<br>697119 | 4357<br>1765730 | 20507 | 78089 | 189374 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Methyl-2-propanol | TBAd9 | Ave | +++++<br>400528 | 1849<br>1087443 | 11600 | 43542 | 93861 | +++++<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Methyl tert-butyl ether | FB | Ave | +++++<br>1600999 | 8528<br>4094889 | 42103 | 164710 | 396584 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,2-Dichloroethene | FB | Ave | +++++<br>643935 | 3417<br>1609026 | 17621 | 68463 | 173910 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Acrylonitrile | FB | Ave | 1671<br>2134841 | 11650<br>5389937 | 60769 | 228226 | 540278 | 2.00<br>2000 | 10.0<br>5000 | 50.0 | 200 | 500 |
| Hexane | FB | Ave | +++++<br>671042 | 3000<br>1520277 | 19036 | 68800 | 181285 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isopropyl ether | FB | Ave | +++++<br>2248663 | 11592<br>5657917 | 60202 | 236902 | 586821 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1-Dichloroethane | FB | Ave | +++++<br>1221281 | 7138<br>3018192 | 34457 | 136882 | 329995 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Vinyl acetate | TBAd9 | Ave | +++++ | 831 | 5790 | 26449 | 62446 | +++++ | 2.00 | 10.0 | 40.0 | 100 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 250869 | 641741 | | | | 400 | 1000 | | | |
| 2-Chloro-1,3-butadiene | FB | Ave | +++++ 576190 | 3544 1418810 | 15500 | 60657 | 156413 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Tert-butyl ethyl ether | FB | Ave | +++++ 1903319 | 10648 4921407 | 50326 | 198498 | 483435 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 2,2-Dichloropropane | FB | Ave | +++++ 208904 | 1228 531922 | 5263 | 21481 | 54857 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| cis-1,2-Dichloroethene | FB | Ave | +++++ 694564 | 4186 1764448 | 19836 | 73945 | 181752 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Ethyl acetate | BUT | Ave | +++++ 116571 | 644 301380 | 3325 | 12998 | 29742 | +++++ 400 | 2.00 1000 | 10.0 | 40.0 | 100 |
| 2-Butanone (MEK) | BUT | Ave | +++++ 302141 | 1238 784633 | 7959 | 31927 | 69179 | +++++ 1000 | 5.00 2500 | 25.0 | 100 | 250 |
| Methyl acrylate | FB | Ave | +++++ 474372 | 2281 1235220 | 13169 | 51976 | 123305 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Propionitrile | TBAd9 | Ave | +++++ 761817 | 3633 1962071 | 21813 | 83880 | 191445 | +++++ 2000 | 10.0 5000 | 50.0 | 200 | 500 |
| Chlorobromomethane | FB | Ave | +++++ 290192 | 1588 717212 | 7369 | 32440 | 75252 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Tetrahydrofuran | BUT | Ave | +++++ 411032 | 2063 1038606 | 12286 | 46620 | 108329 | +++++ 400 | 2.00 1000 | 10.0 | 40.0 | 100 |
| Methacrylonitrile | FB | Ave | +++++ 2280840 | 10755 5435024 | 62864 | 257108 | 595822 | +++++ 2000 | 10.0 5000 | 50.0 | 200 | 500 |
| Chloroform | FB | Ave | +++++ 1046182 | 6364 2533737 | 32471 | 117265 | 282660 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Cyclohexane | FB | Ave | +++++ 1223034 | 6289 2878476 | 32485 | 119194 | 325197 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,1,1-Trichloroethane | FB | Ave | +++++ 825897 | 5398 2029796 | 23561 | 87376 | 218071 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Carbon tetrachloride | FB | Ave | +++++ 696954 | 4430 1738216 | 19225 | 72165 | 183933 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| 1,1-Dichloropropene | FB | Ave | +++++ 887181 | 4939 2208243 | 24246 | 94298 | 233834 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Isobutyl alcohol | TBAd9 | Ave | +++++ 490360 | 2094 1384225 | 11907 | 49220 | 113621 | +++++ 5000 | 25.0 12500 | 125 | 500 | 1250 |
| Isooctane | FB | Ave | +++++ 2192609 | 8605 5033748 | 54968 | 204003 | 568120 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Benzene | CBNZd5 | Ave | +++++ 2655300 | 15646 6618125 | 75839 | 293362 | 718539 | +++++ 200 | 1.00 500 | 5.00 | 20.0 | 50.0 |
| Isopropyl acetate | FB | Lin2 | +++++ | 4255 | 8991 | 25886 | 56291 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 | Calibration End Date: 10/22/2024 05:47 | Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 216741 | 558288 | | | | 200 | 500 | | | |
| Tert-amyl methyl ether | FB | Ave | +++++<br>459179 | 2348<br>1182711 | 11864 | 48797 | 117353 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloroethane | FB | Ave | +++++<br>703016 | 4737<br>1755868 | 21085 | 81012 | 190200 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Heptane | FB | Ave | +++++<br>545546 | 1912<br>1262103 | 13257 | 51033 | 137819 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butanol | TBAd9 | Lin2 | +++++<br>313159 | 597<br>+++++ | 6699 | 28395 | 67908 | +++++<br>5000 | 25.0<br>+++++ | 125 | 500 | 1250 |
| Trichloroethene | FB | Ave | +++++<br>643202 | 3549<br>1658851 | 17750 | 67147 | 164237 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethyl acrylate | FB | Lin2 | +++++<br>85768 | 55<br>210430 | 2244 | 8178 | 21653 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methylcyclohexane | FB | Ave | +++++<br>1123389 | 4405<br>2661323 | 25355 | 102378 | 278686 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichloropropane | FB | Ave | +++++<br>724718 | 4291<br>1854568 | 20452 | 77395 | 189633 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Methyl methacrylate | FB | Ave | +++++<br>752344 | 3174<br>1978557 | 18932 | 78441 | 185029 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| 1,4-Dioxane | DXE | Ave | +++++<br>110509 | 807<br>296040 | 3231 | 12571 | 26453 | +++++<br>4000 | 50.0<br>10000 | 100 | 400 | 1000 |
| n-Propyl acetate | FB | Ave | +++++<br>742283 | 3580<br>1953568 | 20315 | 81821 | 189870 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dibromomethane | FB | Ave | +++++<br>357263 | 1893<br>904239 | 9802 | 38295 | 93053 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dichlorobromomethane | FB | Ave | +++++<br>810275 | 4363<br>2099570 | 21981 | 84730 | 205096 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Nitropropane | FB | Ave | +++++<br>238347 | 1548<br>634941 | 6998 | 24606 | 57612 | +++++<br>400 | 2.00<br>1000 | 10.0 | 40.0 | 100 |
| Epichlorohydrin | BUT | Ave | 653<br>868774 | 3434<br>2431221 | 19731 | 83114 | 192191 | 5.00<br>4000 | 20.0<br>10000 | 100 | 400 | 1000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>1130449 | 5515<br>2945301 | 26843 | 109212 | 276306 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | +++++<br>2454431 | 6435<br>6304374 | 62800 | 253190 | 597637 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| Toluene | CBNZd5 | Ave | +++++<br>2716090 | 16764<br>6942779 | 75888 | 278542 | 701833 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | +++++<br>933037 | 4658<br>2462619 | 22326 | 89364 | 225657 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Ethyl methacrylate | FB | Lin2 | +++++<br>748844 | 2207<br>1993663 | 15399 | 68169 | 171335 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>481189 | 2578<br>1249011 | 12481 | 51717 | 122658 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Tetrachloroethene | CBNZd5 | Ave | +++++<br>569489 | 3133<br>1472647 | 15246 | 58084 | 147336 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichloropropane | CBNZd5 | Ave | +++++<br>959710 | 4661<br>2507385 | 25132 | 99224 | 240149 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Hexanone | BUT | Ave | +++++<br>932912 | 3317<br>2489778 | 19990 | 88905 | 210958 | +++++<br>1000 | 5.00<br>2500 | 25.0 | 100 | 250 |
| n-Butyl acetate | CBNZd5 | Ave | +++++<br>131442 | +++++<br>355544 | 3091 | 12522 | 29980 | +++++<br>200 | +++++<br>500 | 5.00 | 20.0 | 50.0 |
| Chlorodibromomethane | CBNZd5 | Ave | +++++<br>553546 | 2498<br>1449513 | 14166 | 56086 | 137304 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethylene Dibromide | CBNZd5 | Ave | +++++<br>495834 | 2571<br>1309131 | 12603 | 49487 | 121810 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>1636989 | 8847<br>4180304 | 42031 | 166538 | 416135 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>889325 | 4061<br>2253659 | 22780 | 88003 | 224181 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>536644 | 2715<br>1354619 | 13829 | 54107 | 137159 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | +++++<br>1091955 | 5802<br>2742939 | 26305 | 107000 | 275228 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butyl acrylate | CBNZd5 | Ave | +++++<br>419412 | 1747<br>1135634 | 7976 | 36356 | 93662 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| o-Xylene | CBNZd5 | Ave | +++++<br>1059022 | 4885<br>2674366 | 26098 | 105476 | 269659 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Styrene | CBNZd5 | Ave | +++++<br>1815811 | 7724<br>4547715 | 43251 | 182425 | 451055 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 | Calibration End Date: 10/22/2024 05:47 | Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | +++++<br>929321 | 2896<br>2534512 | 19136 | 90195 | 216791 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromoform | CBNZd5 | Ave | +++++<br>328881 | 1416<br>881318 | 8253 | 31729 | 79634 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Isopropylbenzene | CBNZd5 | Ave | +++++<br>2485681 | 11875<br>6310642 | 58575 | 240045 | 627991 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Bromobenzene | DCBd4 | Ave | +++++<br>628149 | 3610<br>1666990 | 16656 | 63754 | 155138 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | +++++<br>626725 | 3318<br>1704133 | 16739 | 66520 | 156722 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| N-Propylbenzene | DCBd4 | Ave | +++++<br>3415696 | 18601<br>8440617 | 88638 | 341895 | 879645 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | +++++<br>155830 | 809<br>410145 | 4490 | 17265 | 37929 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | +++++<br>178546 | 797<br>487296 | 4670 | 18323 | 42320 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 2-Chlorotoluene | DCBd4 | Ave | +++++<br>2209679 | 12461<br>5471546 | 60516 | 235755 | 571334 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Ethyltoluene | DCBd4 | Ave | +++++<br>2549231 | 13721<br>6278956 | 67645 | 266714 | 678600 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | +++++<br>2162999 | 11105<br>5477553 | 55890 | 219293 | 568664 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Chlorotoluene | DCBd4 | Ave | +++++<br>1985992 | 11555<br>5101179 | 54280 | 207685 | 521124 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Butyl Methacrylate | DCBd4 | Ave | +++++<br>757865 | 2552<br>1995189 | 16260 | 70161 | 178742 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| tert-Butylbenzene | DCBd4 | Ave | +++++<br>1822608 | 9199<br>4673940 | 45954 | 180333 | 467649 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | +++++<br>2263062 | 9957<br>5682678 | 55270 | 223297 | 577292 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| sec-Butylbenzene | DCBd4 | Ave | +++++<br>530568 | 2709<br>1346970 | 13190 | 52627 | 136012 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 4-Isopropyltoluene | DCBd4 | Ave | +++++<br>2402862 | 11444<br>5744099 | 57456 | 235419 | 600514 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | +++++<br>1174329 | 6444<br>2885246 | 32366 | 122469 | 304973 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | +++++<br>1182510 | 7325<br>2924153 | 33301 | 123586 | 304466 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | +++++ | 11923 | 59707 | 232614 | 591478 | +++++ | 1.00 | 5.00 | 20.0 | 50.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 | Calibration End Date: 10/22/2024 05:47 | Calibration ID: 98997

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3 | LVL 4 | LVL 5 |
| | | | 2268960 | 5475432 | | | | 200 | 500 | | | |
| Benzyl chloride | DCBd4 | Ave | +++++<br>1098833 | 4862<br>2902737 | 24844 | 102003 | 256196 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Indan | DCBd4 | Ave | +++++<br>2196049 | 11296<br>5461453 | 58060 | 224239 | 570461 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| p-Diethylbenzene | DCBd4 | Ave | +++++<br>1433478 | 8176<br>3432947 | 35723 | 141531 | 366100 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| n-Butylbenzene | DCBd4 | Ave | +++++<br>1317356 | 6785<br>3127526 | 34846 | 131114 | 330204 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | +++++<br>1109197 | 5894<br>2757792 | 30042 | 112185 | 280564 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | +++++<br>2165049 | 9766<br>5374903 | 46028 | 191899 | 511323 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | +++++<br>105081 | 424<br>278445 | 2646 | 9766 | 23953 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | +++++<br>845380 | 4772<br>2150534 | 20879 | 81466 | 204083 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | +++++<br>745782 | 3502<br>1967802 | 18604 | 71754 | 176528 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Hexachlorobutadiene | DCBd4 | Ave | +++++<br>301968 | 2047<br>730081 | 8153 | 29046 | 72628 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Naphthalene | DCBd4 | Ave | +++++<br>1528119 | 8217<br>4171982 | 37120 | 147554 | 359844 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | +++++<br>622835 | 3506<br>1658313 | 16077 | 63894 | 155960 | +++++<br>200 | 1.00<br>500 | 5.00 | 20.0 | 50.0 |
| Dibromofluoromethane (Surr) | FB | Ave | 163670<br>148998 | 164664<br>141504 | 163926 | 161905 | 155276 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 185364<br>166496 | 182613<br>165413 | 186769 | 187361 | 176781 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 636388<br>639933 | 640134<br>637694 | 650623 | 649242 | 639478 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | CBNZd5 | Ave | 165256<br>163058 | 161636<br>171272 | 167638 | 166223 | 166009 | 50.0<br>50.0 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002673

SDG No.:

Instrument ID: CVOAMS1 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/22/2024 03:15 Calibration End Date: 10/22/2024 05:47 Calibration ID: 98997

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD7 460-1002673/3 | A18532.D |
| Level 2 | STD1 460-1002673/4 | A18533.D |
| Level 3 | STD5 460-1002673/5 | A18534.D |
| Level 4 | STD20 460-1002673/6 | A18535.D |
| Level 5 | STD50 460-1002673/7 | A18536.D |
| Level 6 | STD200 460-1002673/8 | A18537.D |
| Level 7 | STD500 460-1002673/9 | A18538.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Isopropyl acetate | +++++ | -0.5 | | | | | | 30 | | | | |
| n-Butanol | +++++ +++++ | 1.3 | | | | | | 30 | | | | |
| Ethyl acrylate | +++++ | -2.6 | | | | | | 30 | | | | |
| Ethyl methacrylate | +++++ | 2.2 | | | | | | 30 | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 22-Oct-2024 03:15:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0182449-003
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:28:13 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 03:41:43

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 172 Butadiene | 39 | 1.857 | 1.852 | 0.005 | 91 | 1190 | 0.2500 | 0.2664 | |
| * 30 TBA-d9 (IS) | 65 | 3.163 | 3.169 | -0.006 | 0 | 179752 | 1000.0 | 1000.0 | |
| 35 Acrylonitrile | 53 | 3.469 | 3.457 | 0.012 | 73 | 1671 | 2.00 | 1.51 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 285044 | 250.0 | 250.0 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 163670 | 50.0 | 51.0 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.145 | 5.151 | -0.006 | 0 | 185364 | 50.0 | 50.8 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 631121 | 50.0 | 50.0 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.216 | 6.210 | 0.006 | 0 | 22214 | 1000.0 | 1000.0 | |
| 80 Epichlorohydrin | 57 | 6.975 | 6.963 | 0.012 | 1 | 653 | 5.00 | 3.55 | a |
| $ 83 Toluene-d8 (Surr) | 98 | 7.310 | 7.304 | 0.006 | 99 | 636388 | 50.0 | 50.5 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 444956 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 85 | 165256 | 50.0 | 50.8 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.269 | 11.269 | 0.000 | 97 | 221372 | 50.0 | 50.0 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00195 | Amount Added: | 0.00 | Units: uL | |
| 524FREONS_00025 | Amount Added: | 0.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 0.00 | Units: uL | |
| GASES Li_00608 | Amount Added: | 2.50 | Units: uL | |
| 14DIOXINTER_00174 | Amount Added: | 0.00 | Units: uL | |
| GAS Hi_00481 | Amount Added: | 0.00 | Units: uL | |
| Ethanol mix_00094 | Amount Added: | 0.00 | Units: uL | |
| ACRY/EPIH MIX_00130 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00154 | Amount Added: | 0.00 | Units: uL | |
| MIX I Hi_00181 | Amount Added: | 0.00 | Units: uL | |
| 7 Freons Hi_00020 | Amount Added: | 0.00 | Units: uL | |
| VMTBA500_00055 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

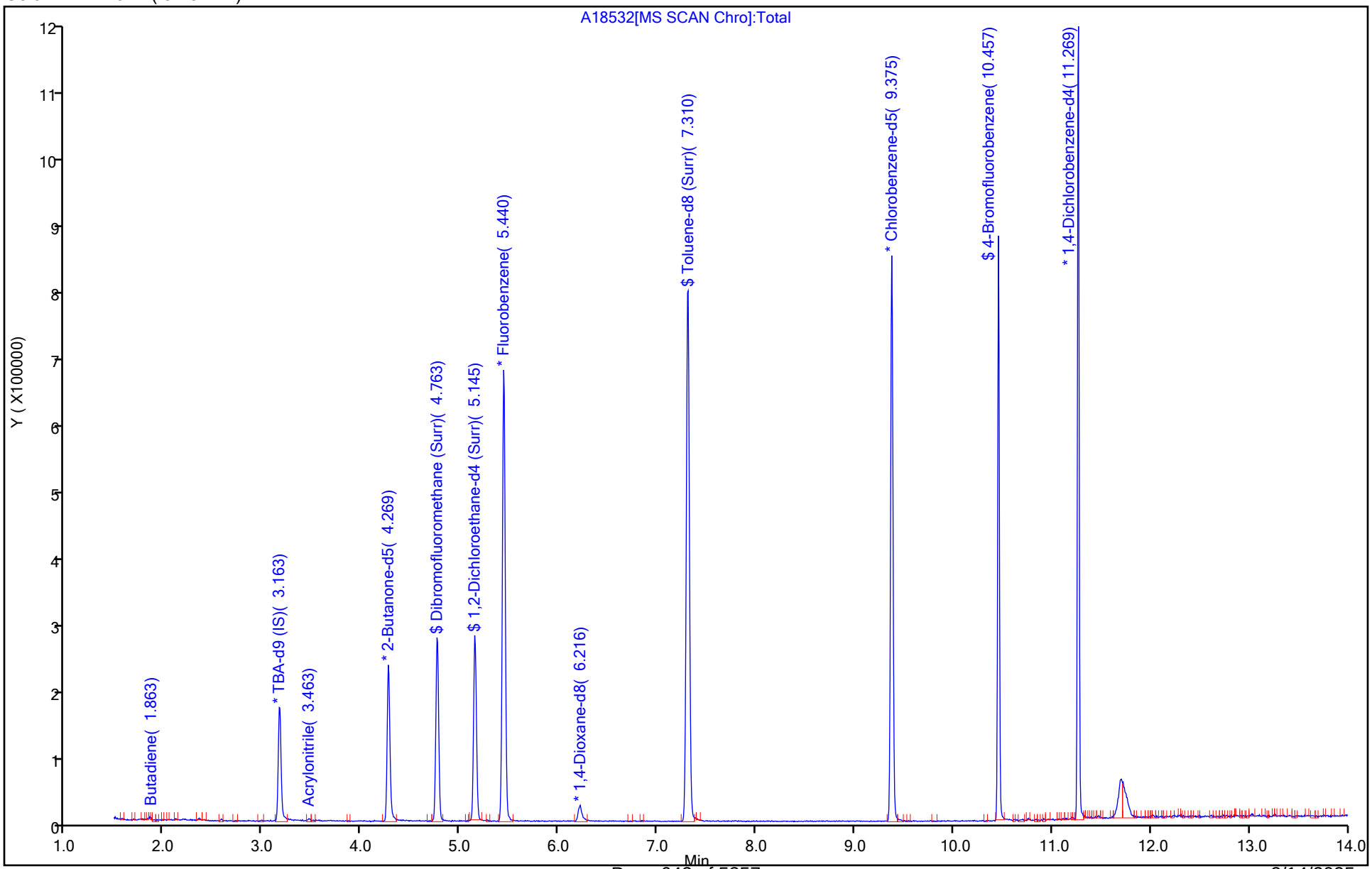
Report Date: 23-Oct-2024 21:28:13 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Oct-2024 03:15:30 | Instrument ID: | CVOAMS1 | Operator ID: | |
| Lims ID: | STD7 | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260624W_1 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

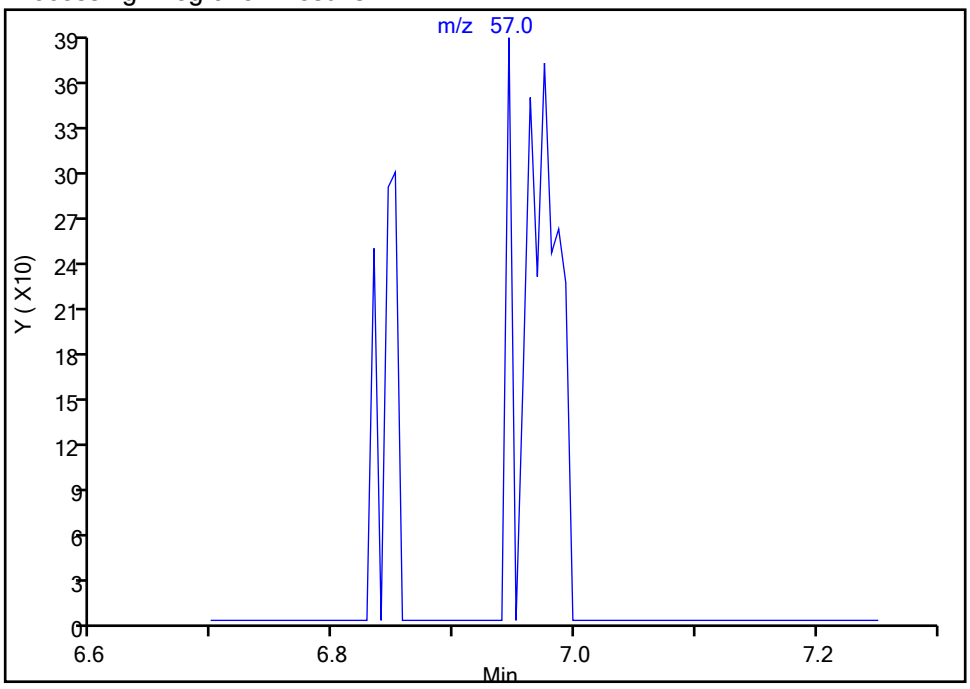
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

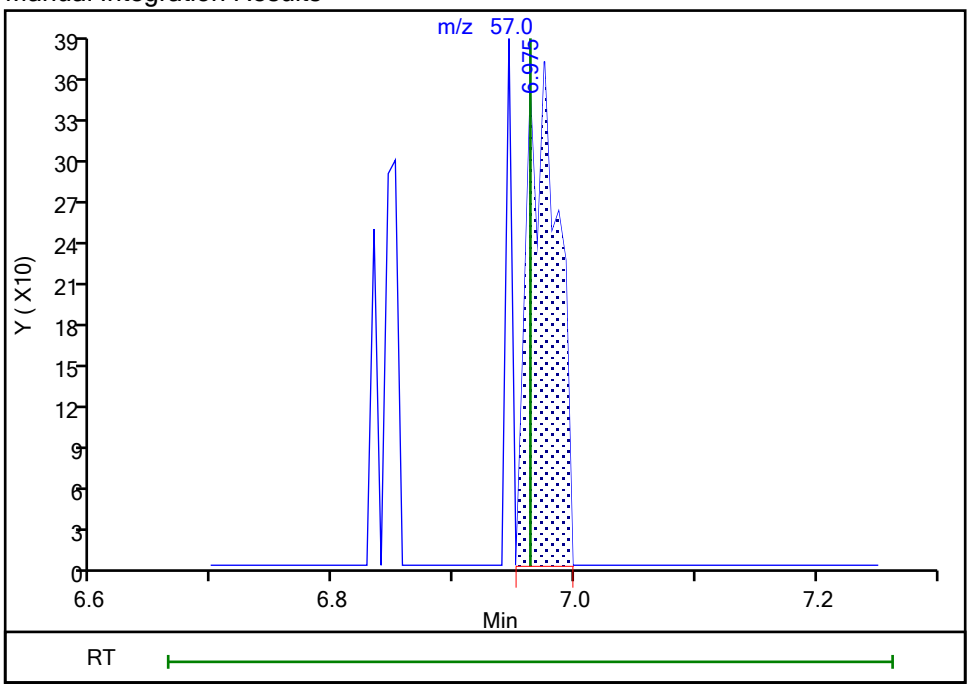
Not Detected
Expected RT: 6.96

Processing Integration Results




RT: 6.97
Area: 653
Amount: 3.549737
Amount Units: ug/l

Manual Integration Results




Reviewer: NN6A, 23-Oct-2024 21:10:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

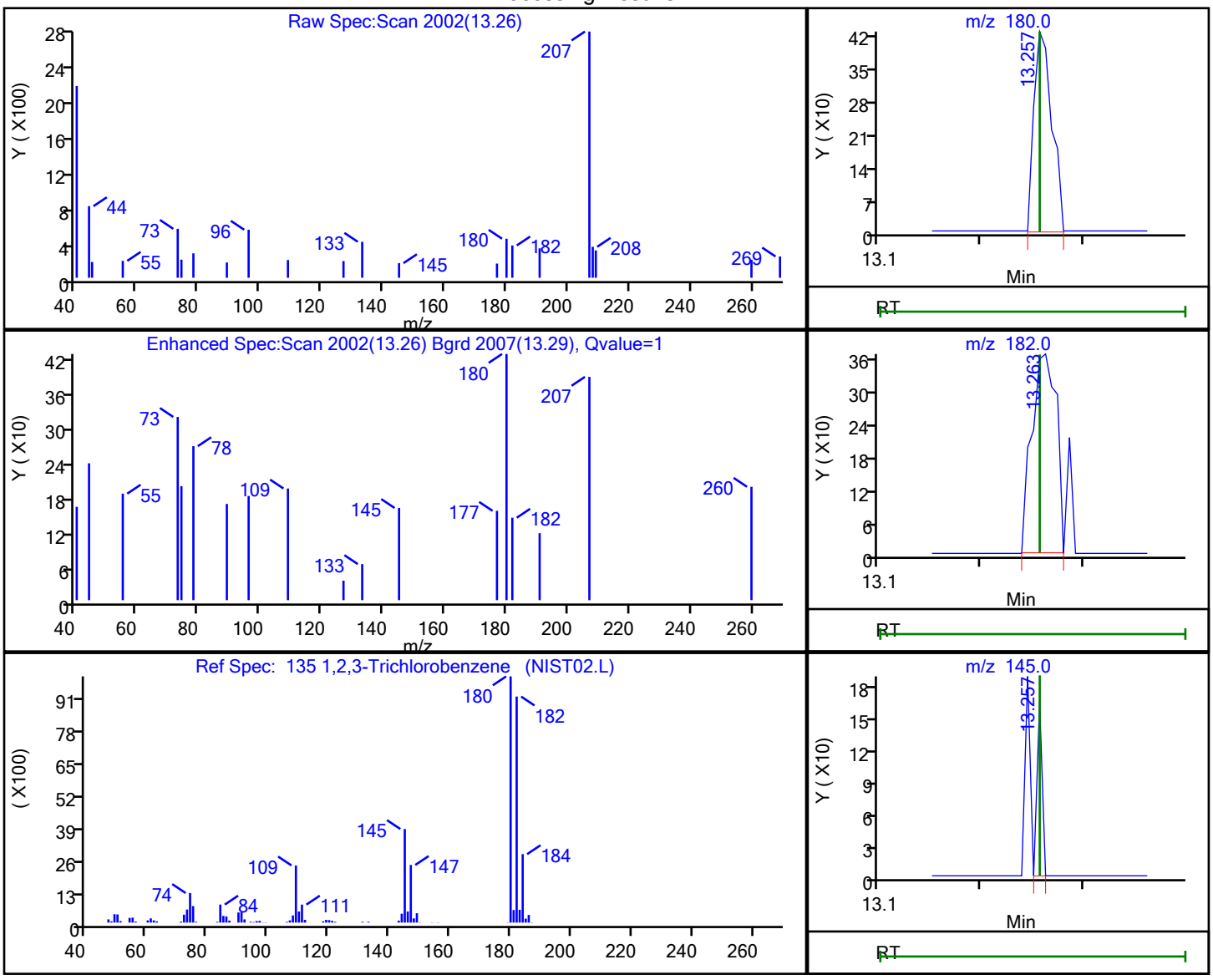
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 135 1,2,3-Trichlorobenzene, CAS: 87-61-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.26 | 180.00 | 526 | 0.162920 |
| 13.26 | 182.00 | 613 | |
| 13.26 | 145.00 | 57 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

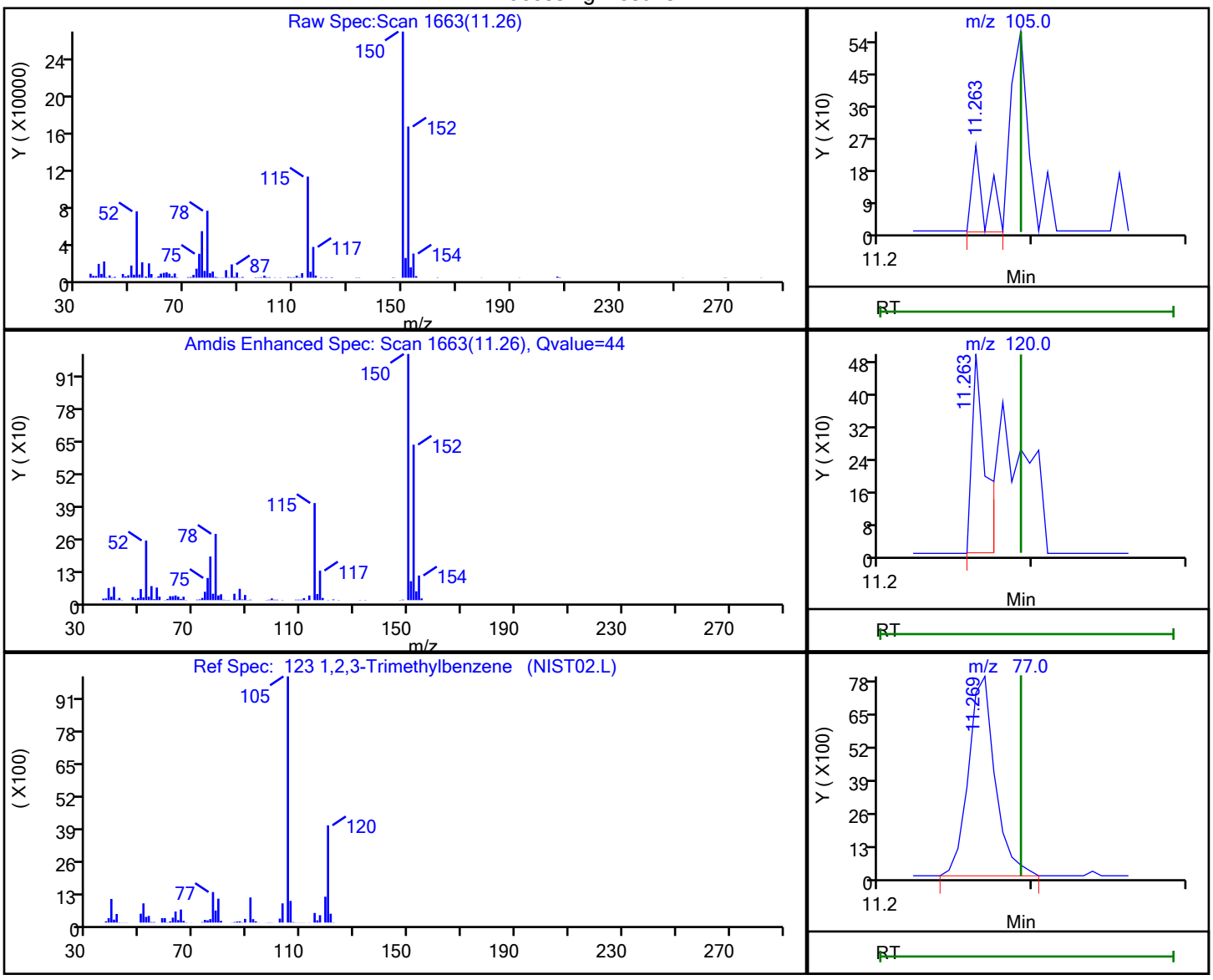
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 123 1,2,3-Trimethylbenzene, CAS: 526-73-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.26 | 105.00 | 142 | 0.012321 |
| 11.26 | 120.00 | 303 | |
| 11.27 | 77.00 | 9596 | |

Reviewer: NN6A, 23-Oct-2024 20:58:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

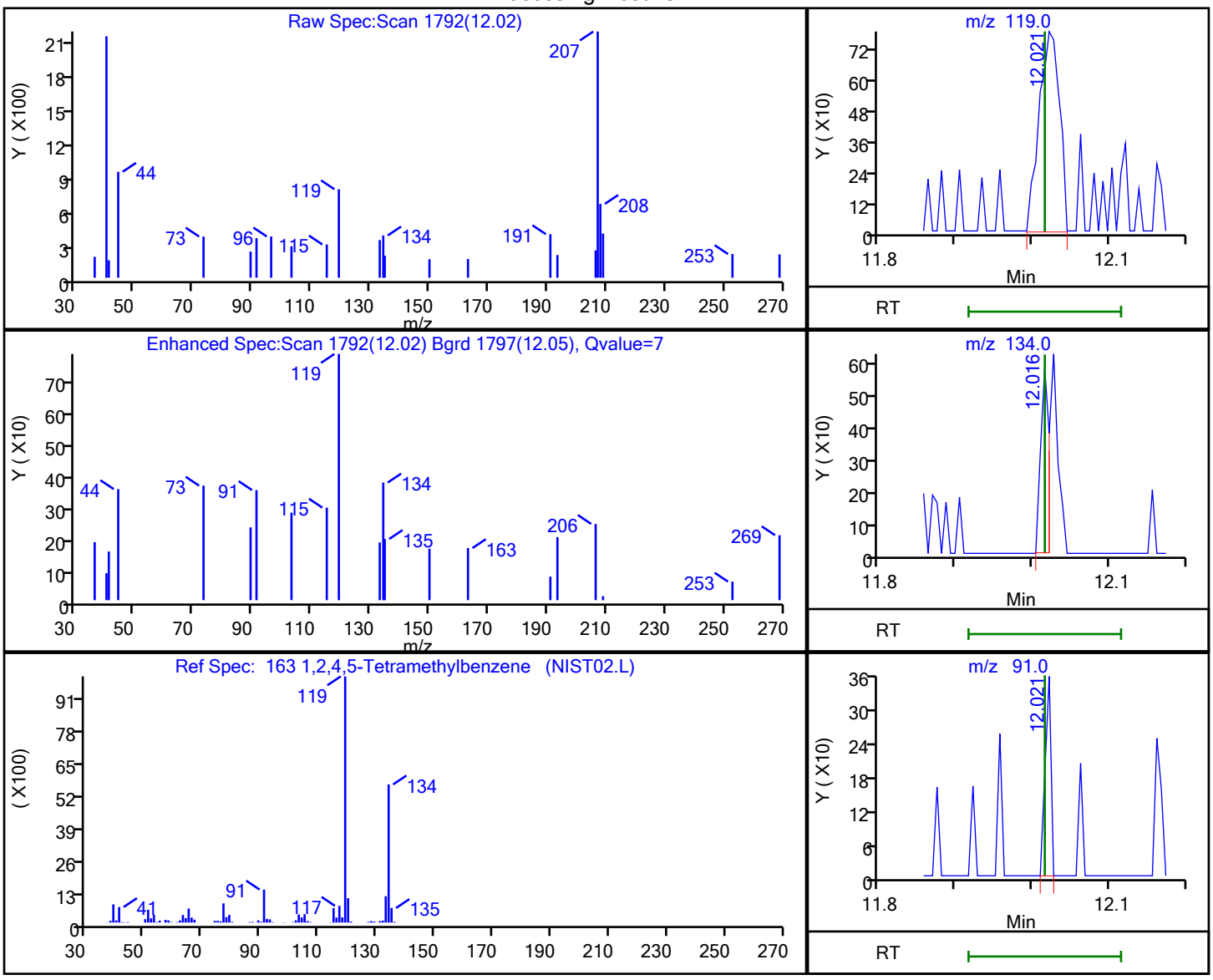
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 163 1,2,4,5-Tetramethylbenzene, CAS: 95-93-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.02 | 119.00 | 1453 | 0.145267 |
| 12.02 | 134.00 | 446 | |
| 12.02 | 91.00 | 187 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

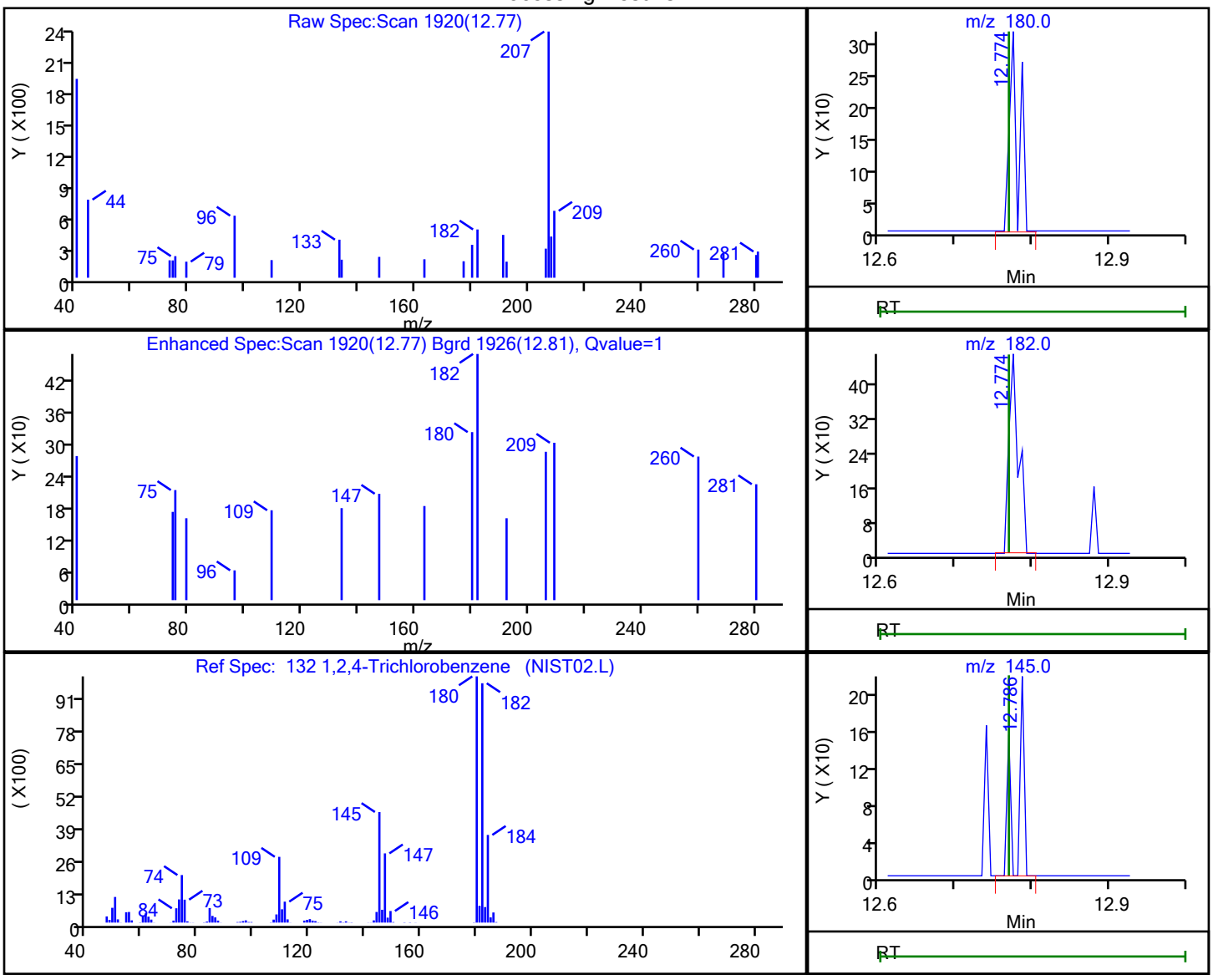
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 132 1,2,4-Trichlorobenzene, CAS: 120-82-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.77 | 180.00 | 260 | 0.071423 |
| 12.77 | 182.00 | 407 | |
| 12.79 | 145.00 | 128 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

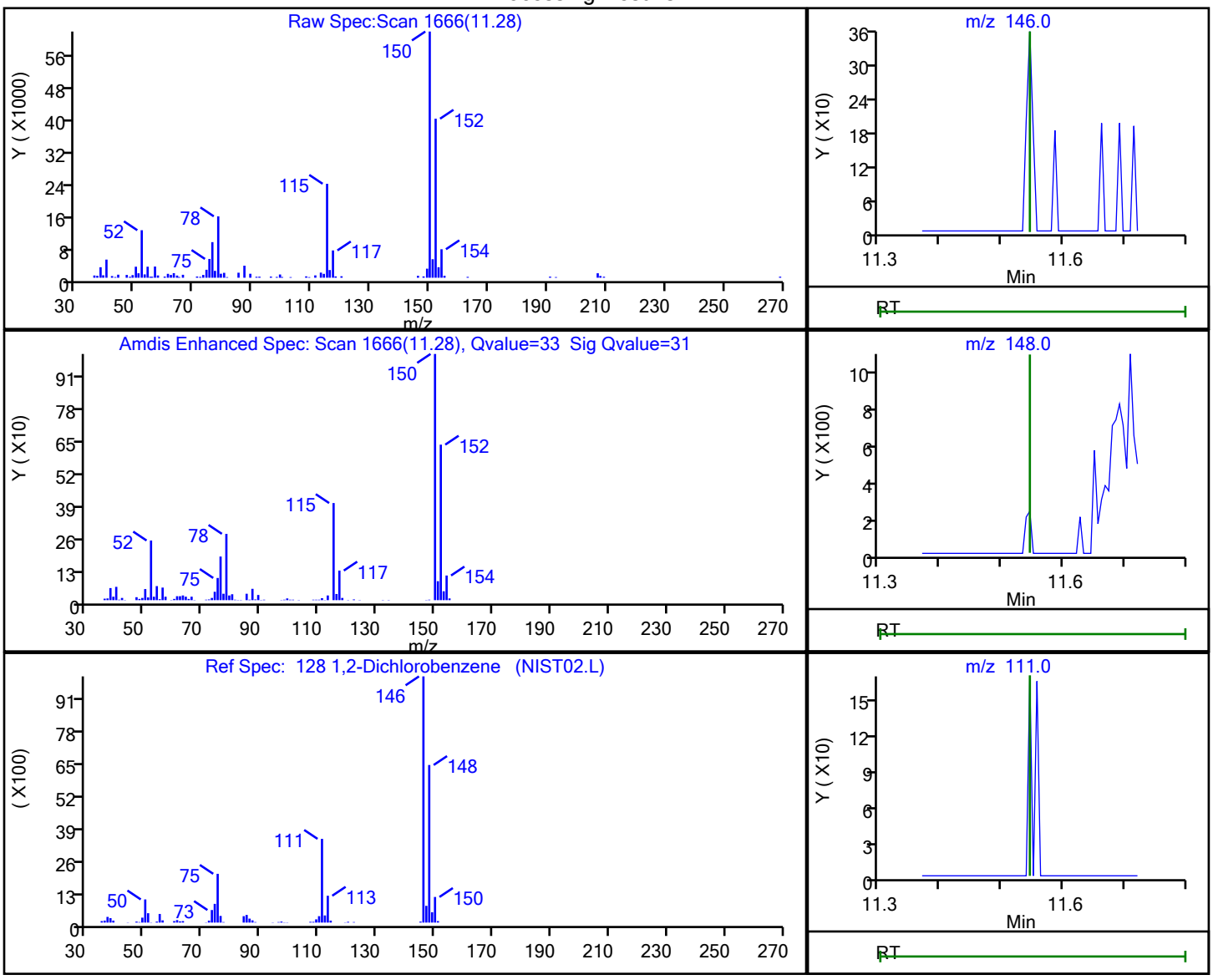
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 128 1,2-Dichlorobenzene, CAS: 95-50-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.28 | 146.00 | 670 | 0.118605 |
| 11.27 | 148.00 | 1006 | |
| 11.27 | 111.00 | 2818 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

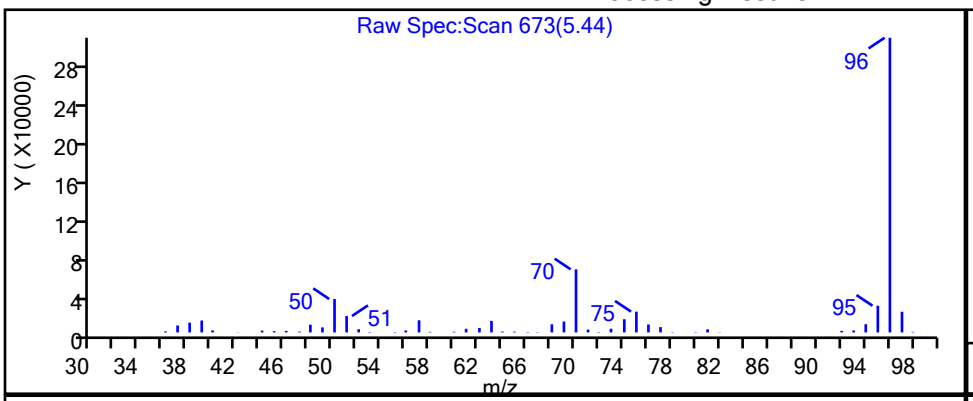
User Disabled Compound Report

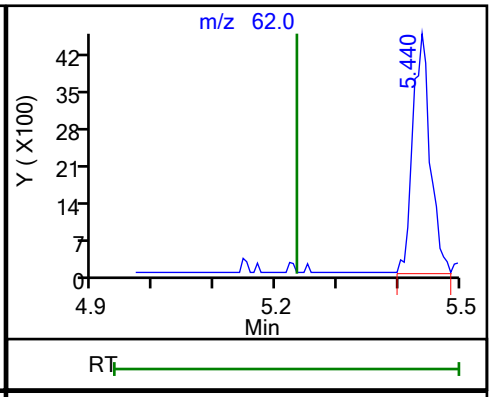
Eurofins Edison

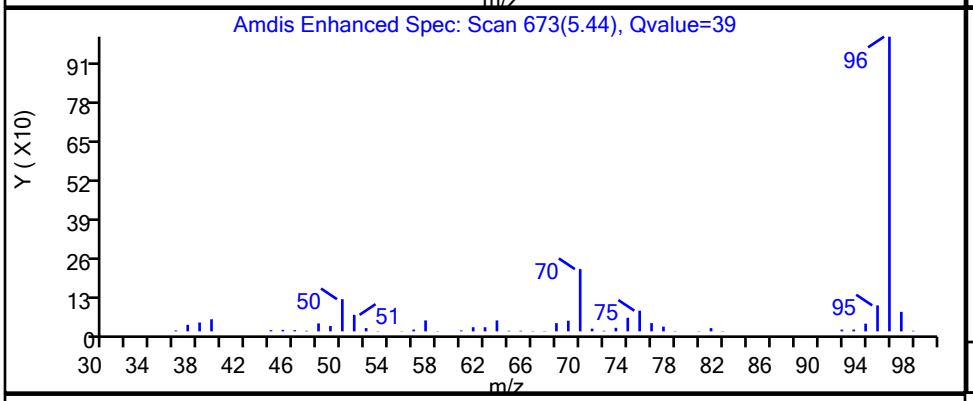
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

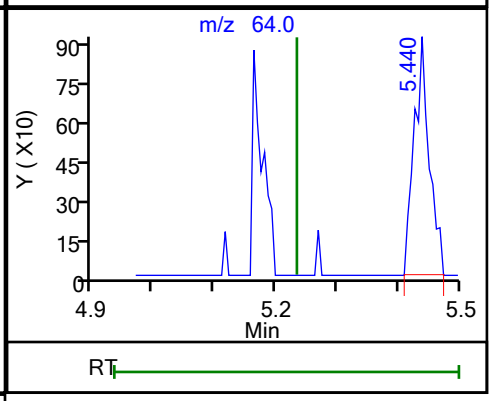
## 64 1,2-Dichloroethane, CAS: 107-06-2

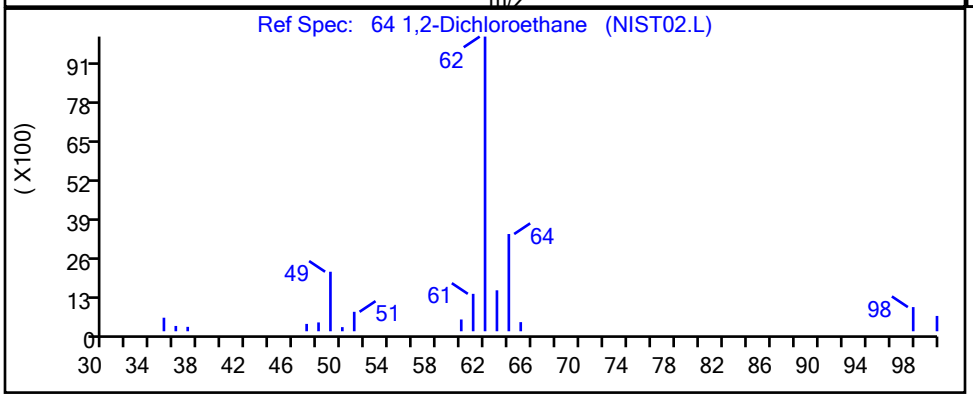
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.44 | 62.00 | 8932 | 2.188628 |
| 5.44 | 64.00 | 1597 | |

Reviewer: NN6A, 23-Oct-2024 20:57:20 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

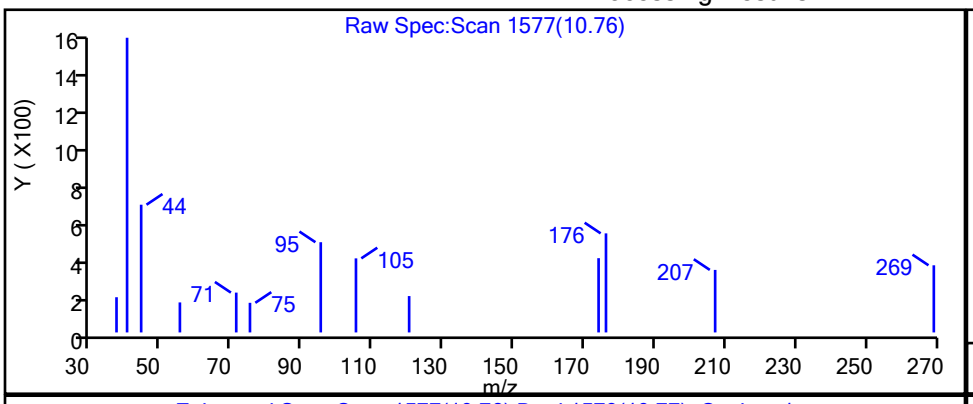
User Disabled Compound Report

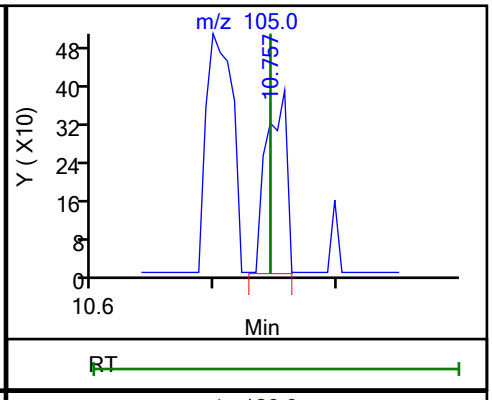
Eurofins Edison

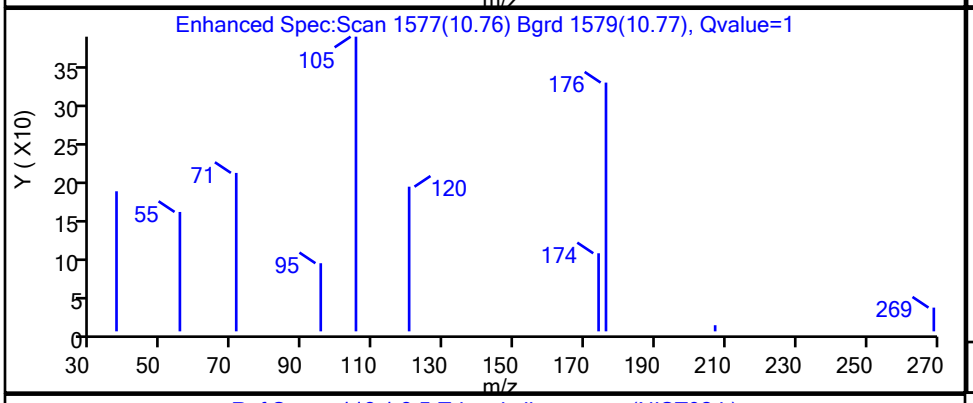
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

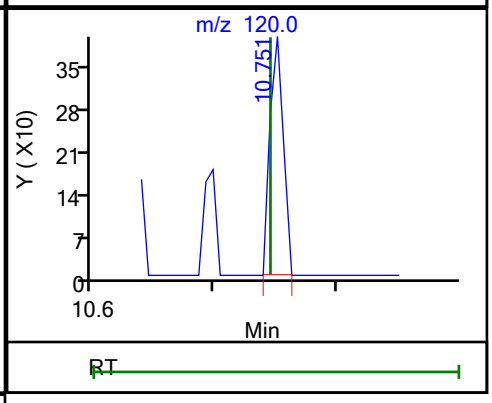
## 113 1,3,5-Trimethylbenzene, CAS: 108-67-8

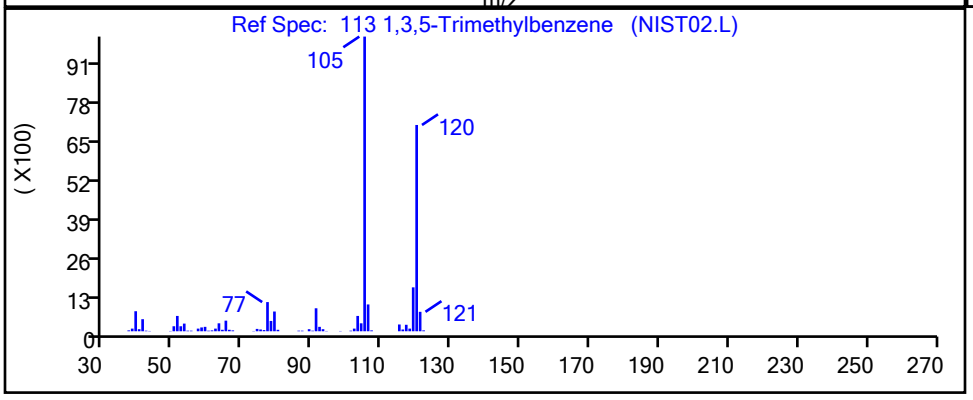
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.76 | 105.00 | 441 | 0.040118 |
| 10.75 | 120.00 | 300 | |

Reviewer: NN6A, 23-Oct-2024 20:58:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

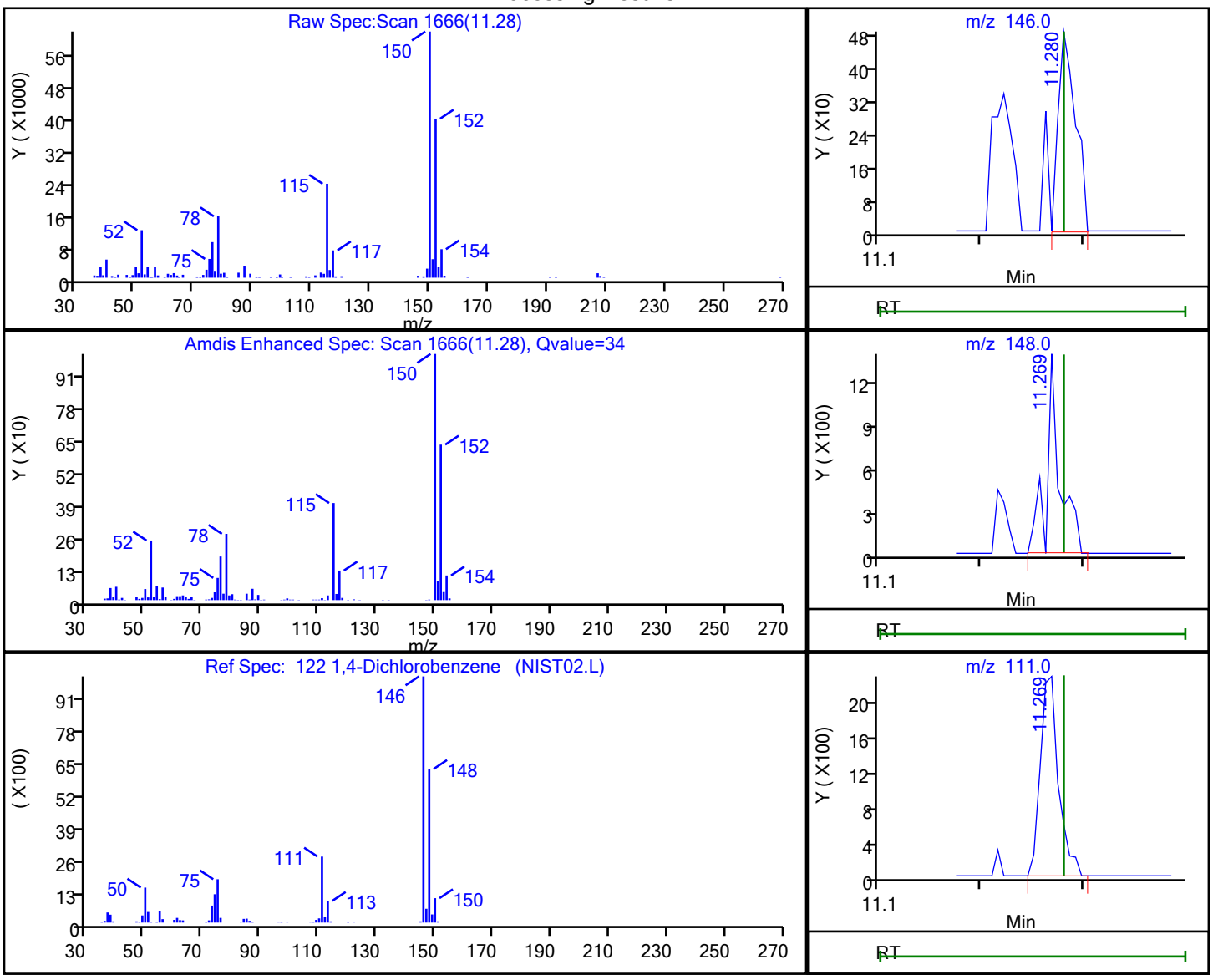
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 1,4-Dichlorobenzene, CAS: 106-46-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.28 | 146.00 | 568 | 0.090304 |
| 11.27 | 148.00 | 1264 | |
| 11.27 | 111.00 | 2818 | |

Reviewer: NN6A, 23-Oct-2024 20:58:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

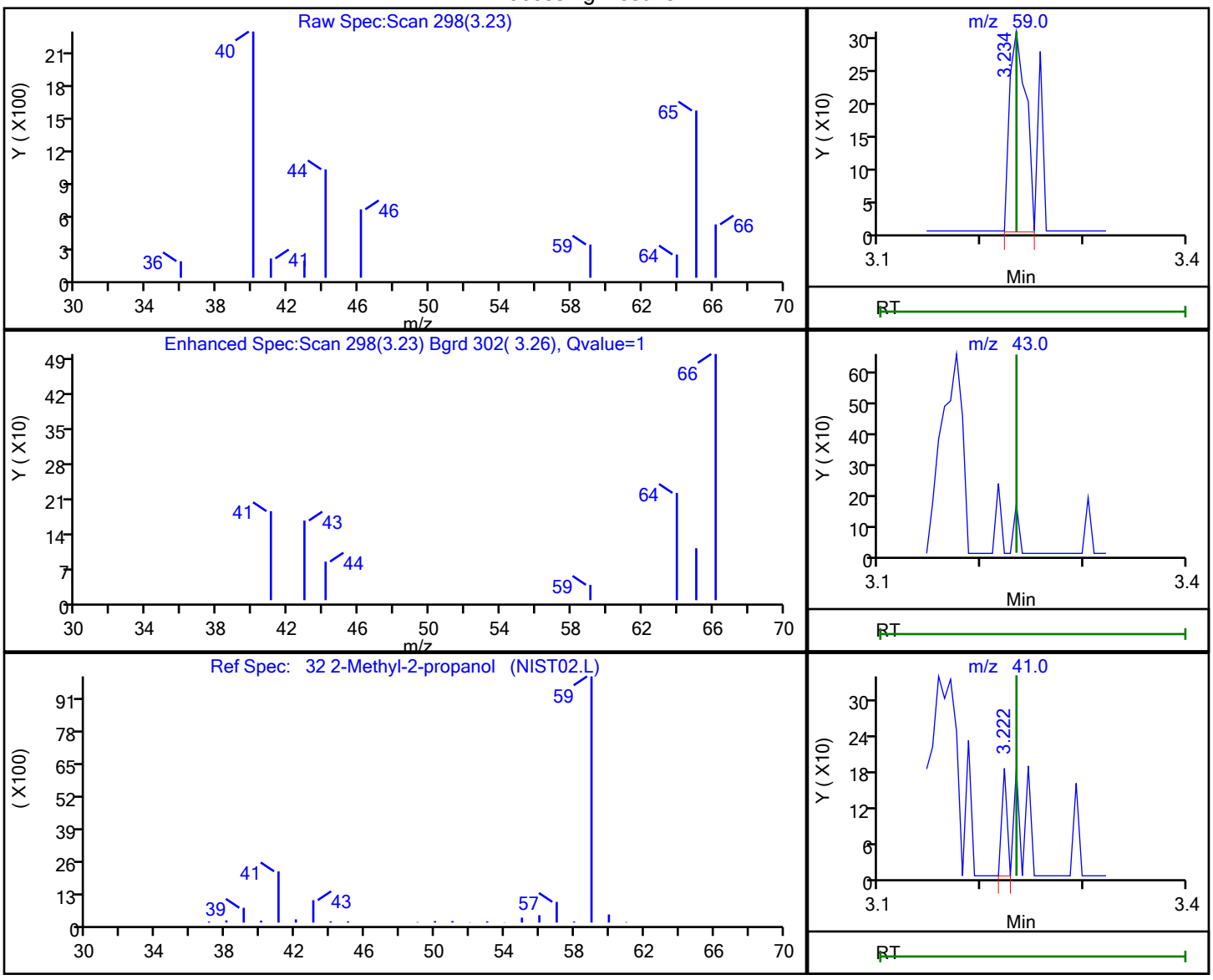
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 32 2-Methyl-2-propanol, CAS: 75-65-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.23 | 59.00 | 348 | 1.870356 |
| 3.22 | 41.00 | 63 | |
| 3.23 | 43.00 | 0 | |

Reviewer: NN6A, 23-Oct-2024 20:57:13 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

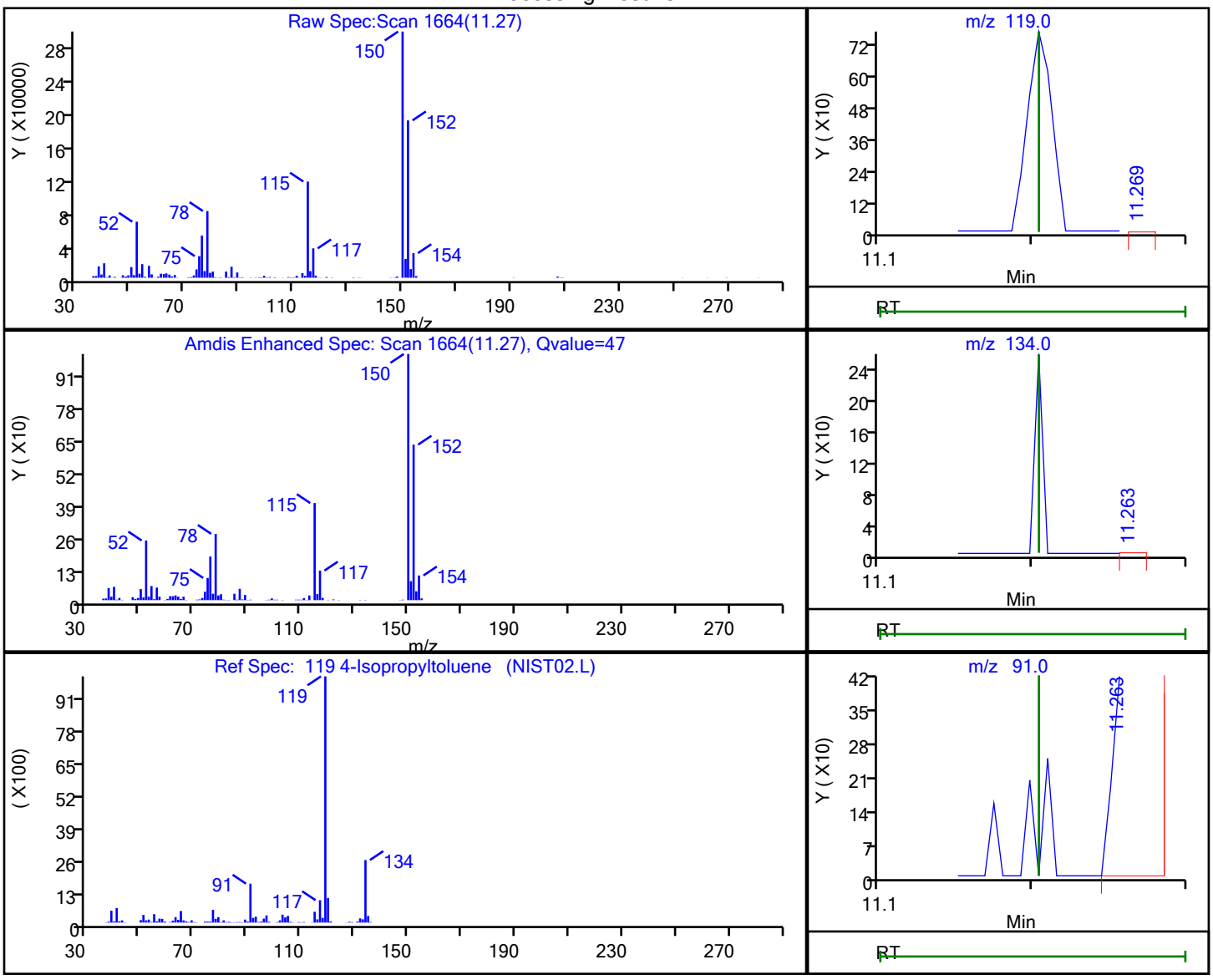
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 119 4-Isopropyltoluene, CAS: 99-87-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.27 | 119.00 | 123 | 0.012672 |
| 11.26 | 134.00 | 196 | |
| 11.26 | 91.00 | 925 | |

Reviewer: NN6A, 23-Oct-2024 20:58:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

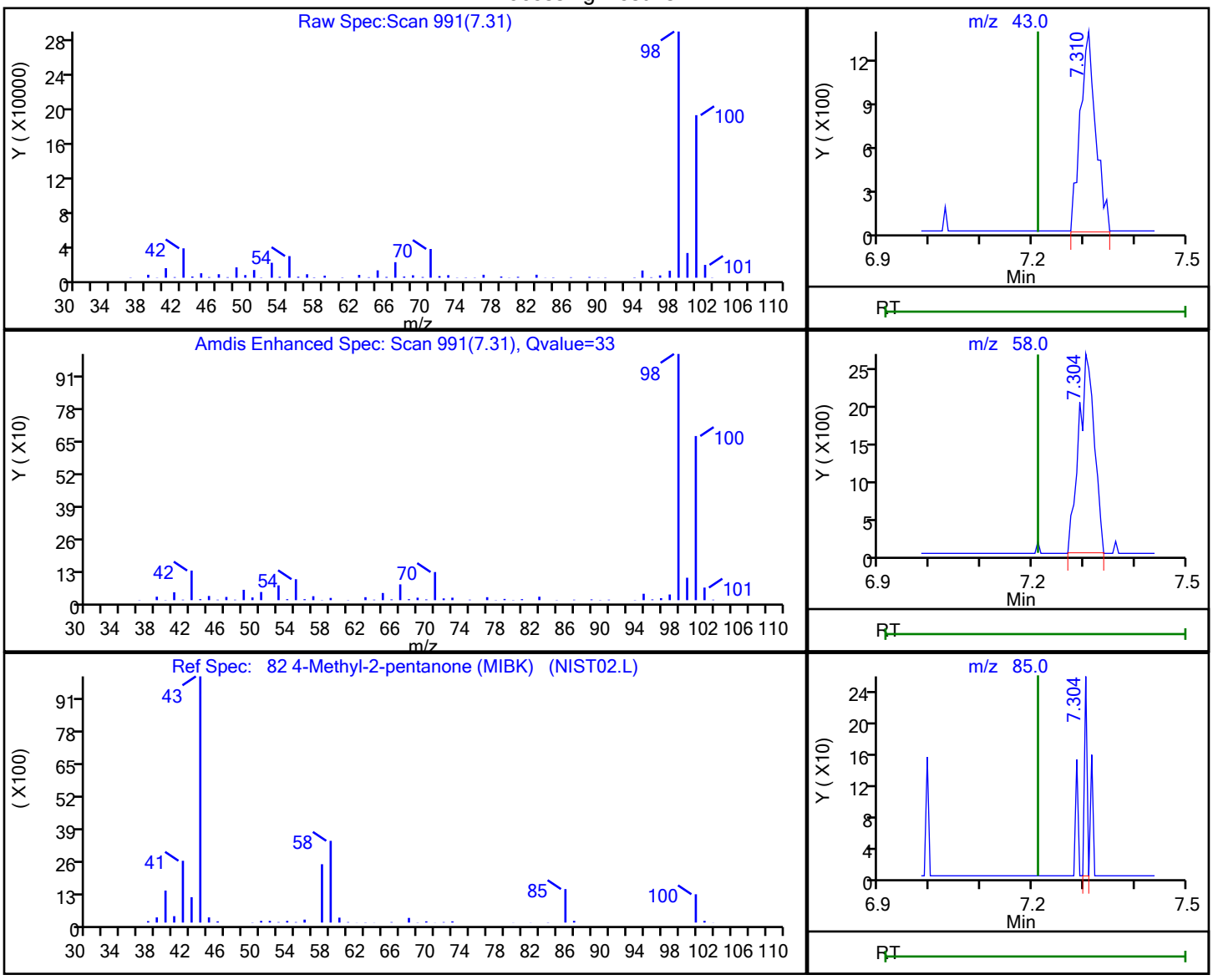
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 82 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.31 | 43.00 | 2910 | 1.359157 |
| 7.30 | 58.00 | 5585 | |
| 7.30 | 85.00 | 91 | |
| 7.30 | 100.00 | 421746 | |

Reviewer: NN6A, 23-Oct-2024 20:57:49 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

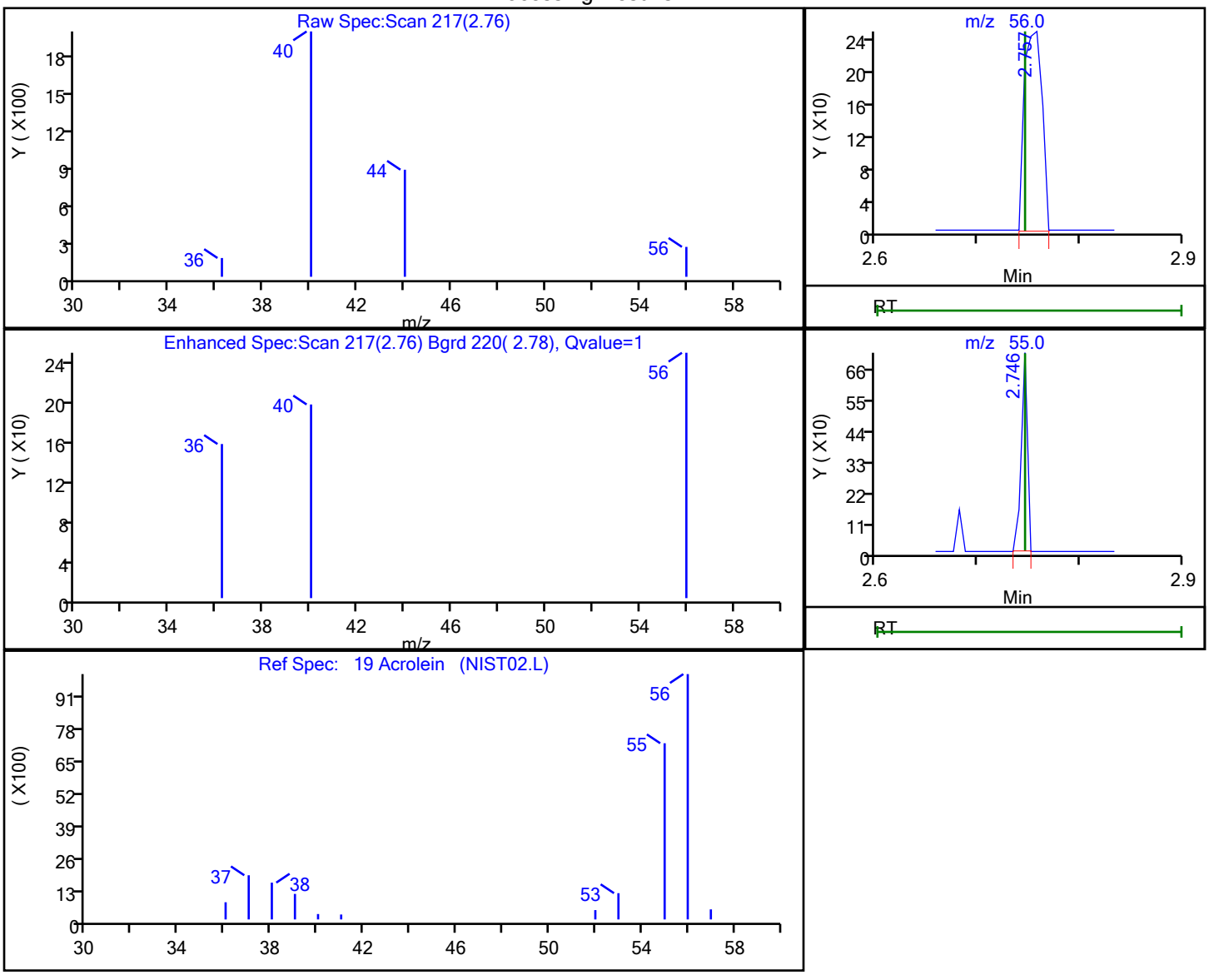
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 19 Acrolein, CAS: 107-02-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.76 | 56.00 | 295 | 0.803351 |
| 2.75 | 55.00 | 306 | |

Reviewer: NN6A, 23-Oct-2024 20:57:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

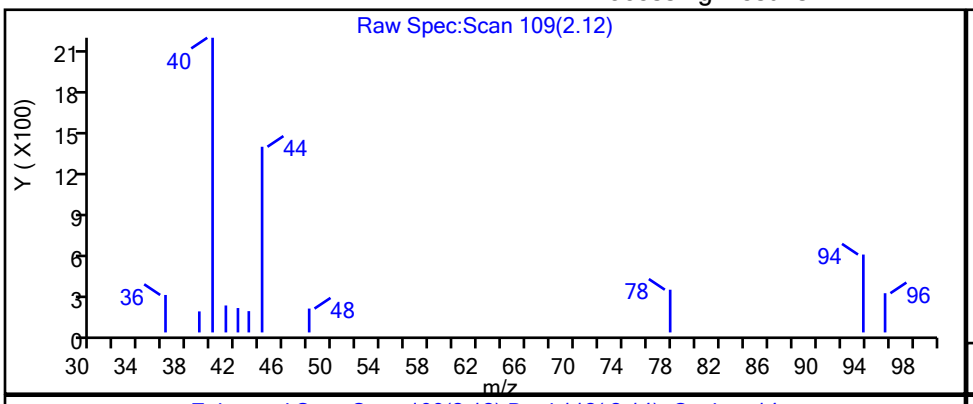
User Disabled Compound Report

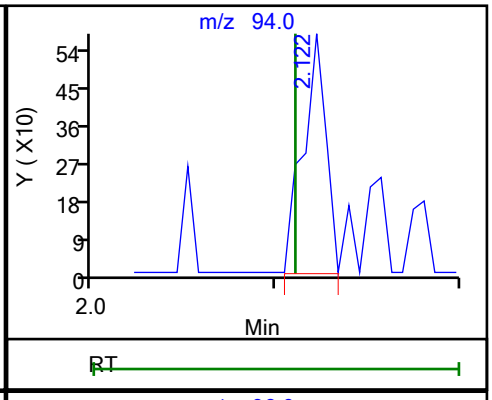
Eurofins Edison

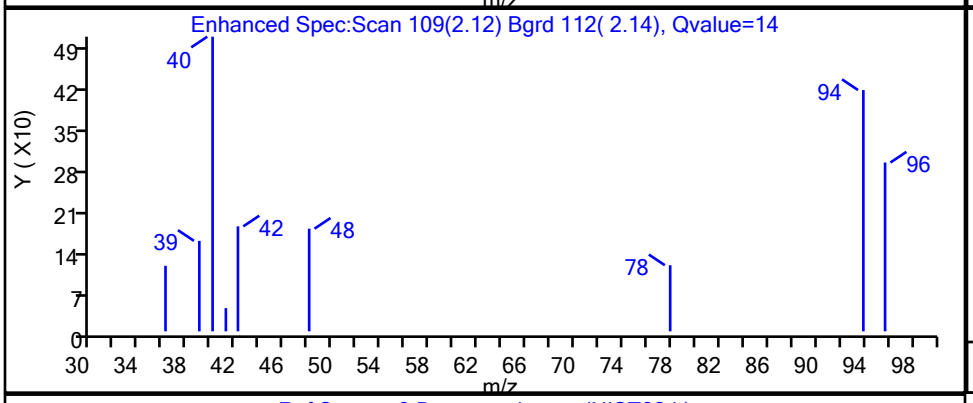
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

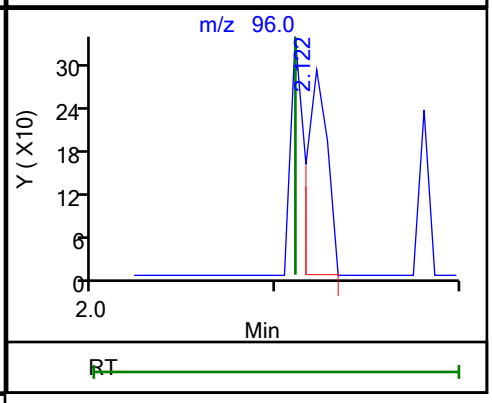
## 9 Bromomethane, CAS: 74-83-9

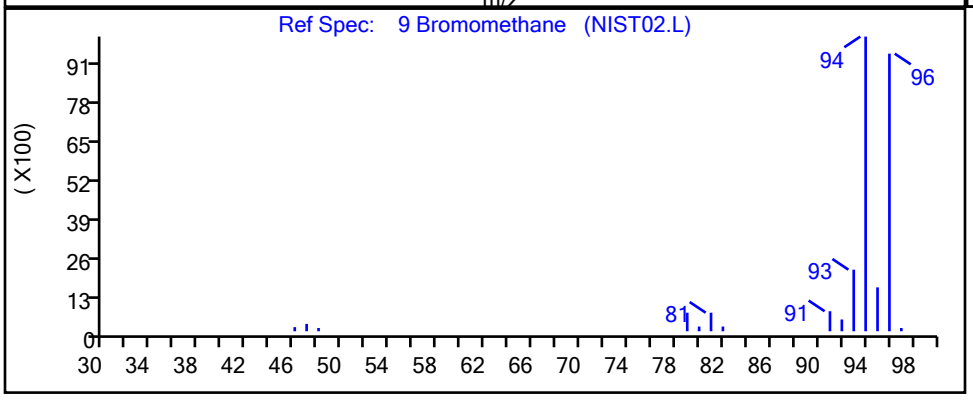
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.12 | 94.00 | 505 | 0.245597 |
| 2.12 | 96.00 | 226 | |

Reviewer: NN6A, 23-Oct-2024 20:56:36 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

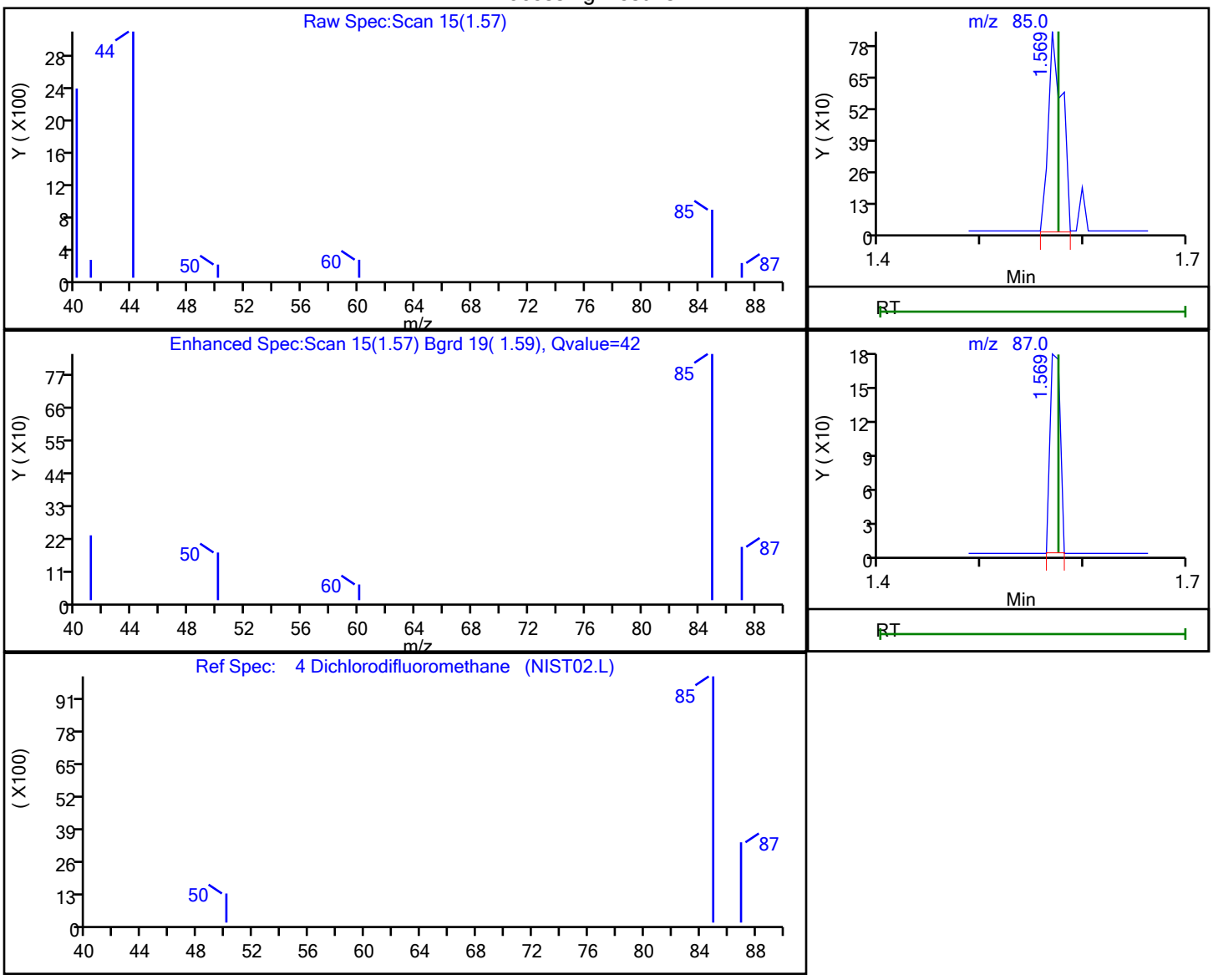
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 4 Dichlorodifluoromethane, CAS: 75-71-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.57 | 85.00 | 784 | 0.173150 |
| 1.57 | 87.00 | 125 | |

Reviewer: NN6A, 23-Oct-2024 20:56:22 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

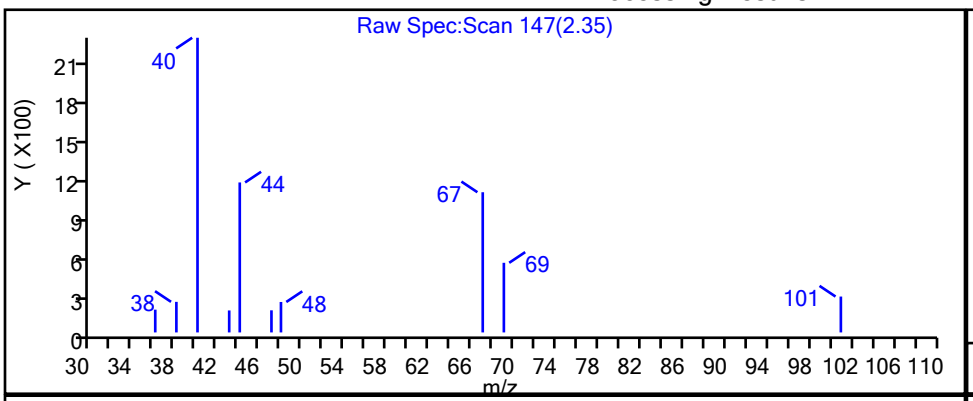
User Disabled Compound Report

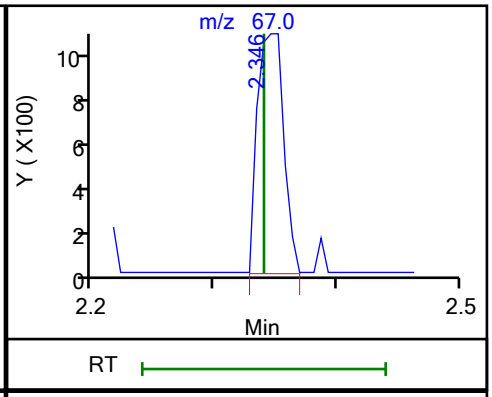
Eurofins Edison

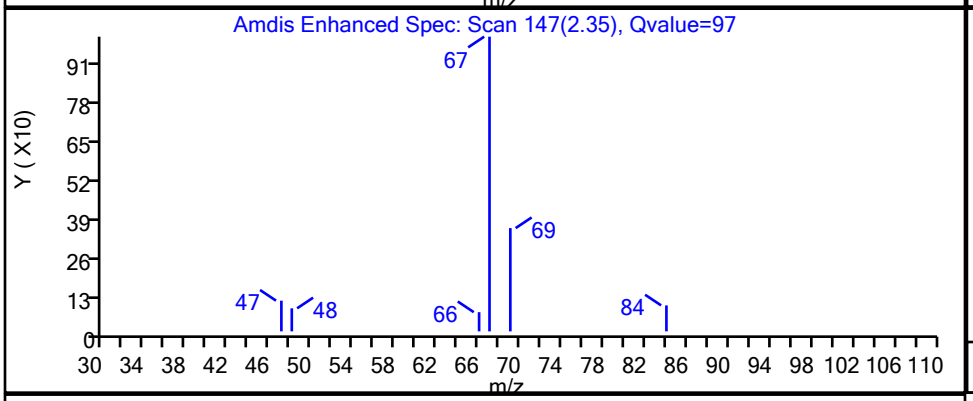
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

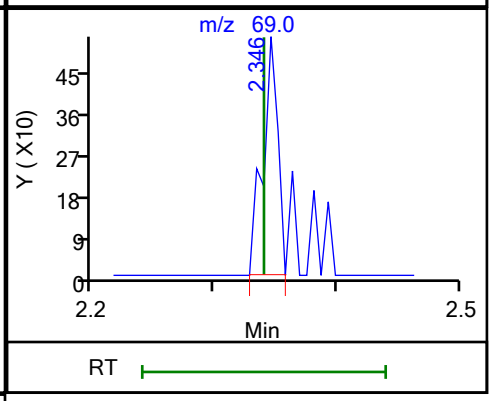
## 174 Dichlorofluoromethane, CAS: 75-43-4

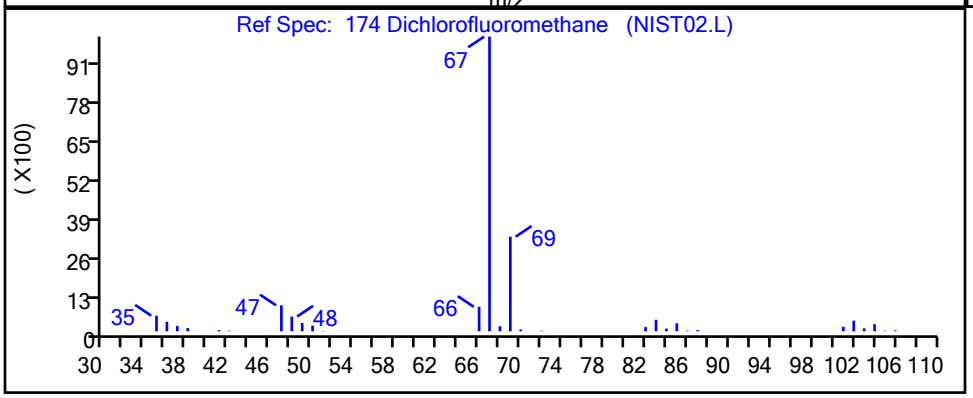
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.35 | 67.00 | 1588 | 0.216771 |
| 2.35 | 69.00 | 449 | |

Reviewer: NN6A, 23-Oct-2024 20:57:06 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

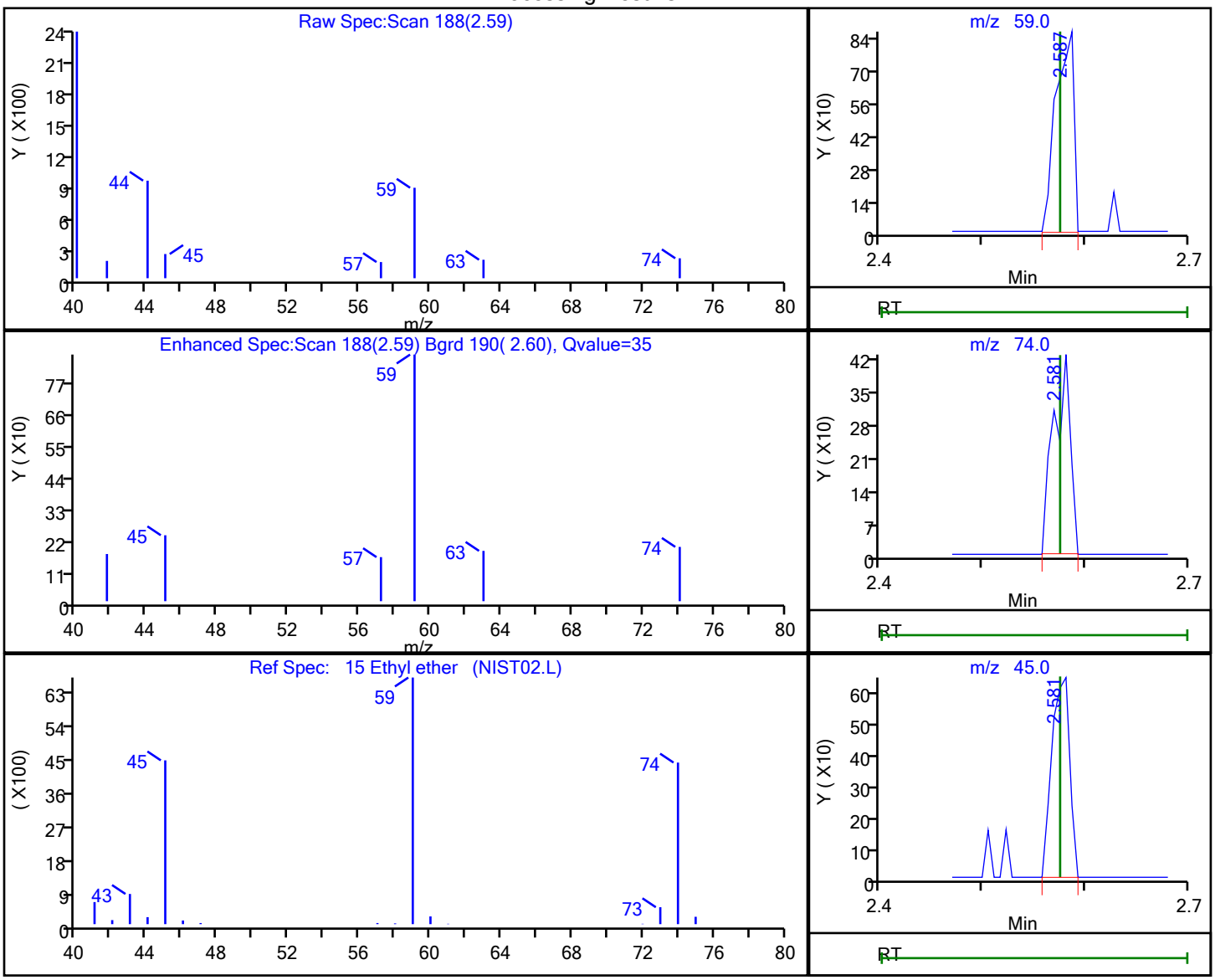
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 15 Ethyl ether, CAS: 60-29-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.59 | 59.00 | 1063 | 0.325241 |
| 2.58 | 74.00 | 482 | |
| 2.58 | 45.00 | 791 | |

Reviewer: NN6A, 23-Oct-2024 20:57:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

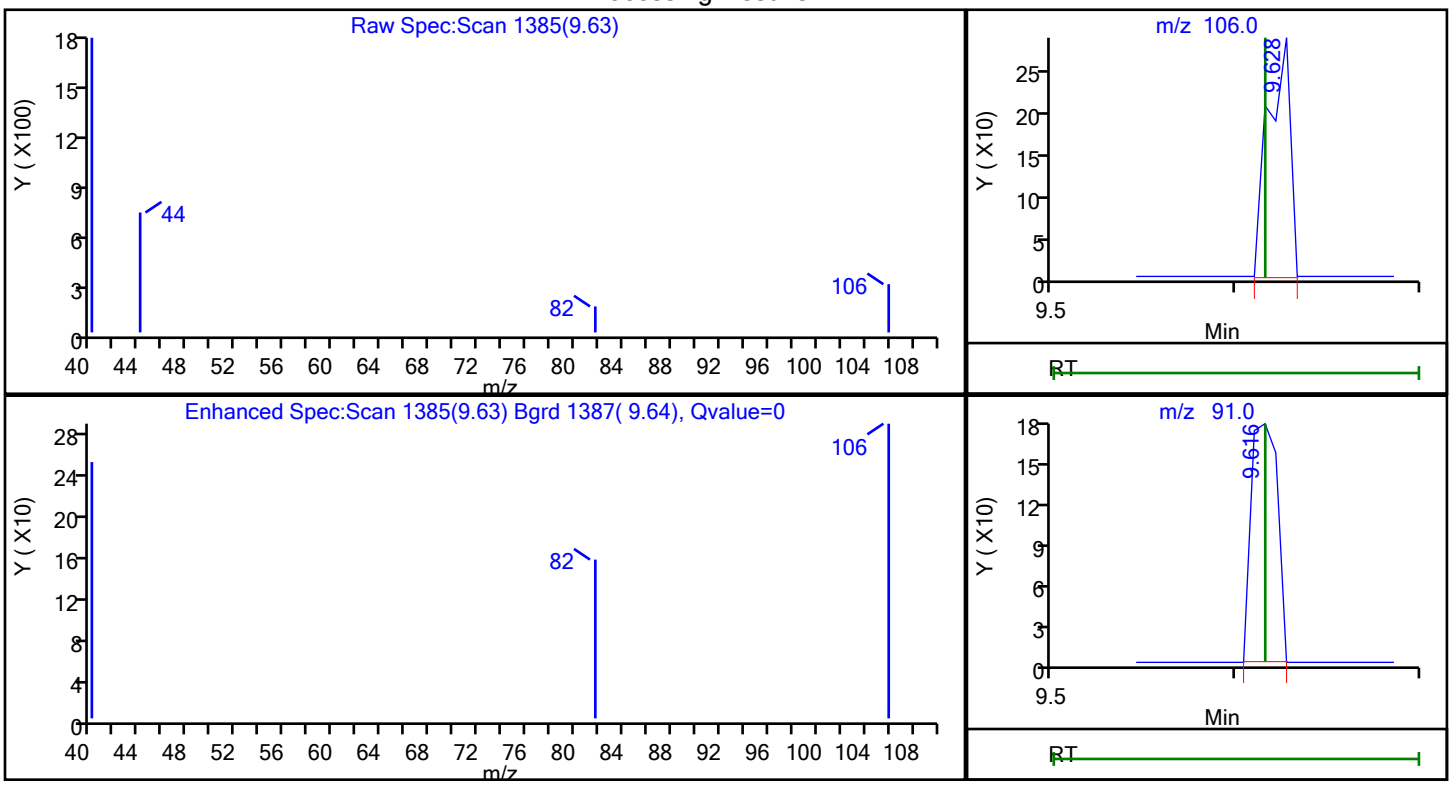
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 98 m-Xylene & p-Xylene, CAS: 179601-23-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.63 | 106.00 | 237 | 0.044208 |
| 9.62 | 91.00 | 173 | |

Reviewer: NN6A, 23-Oct-2024 20:58:34 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

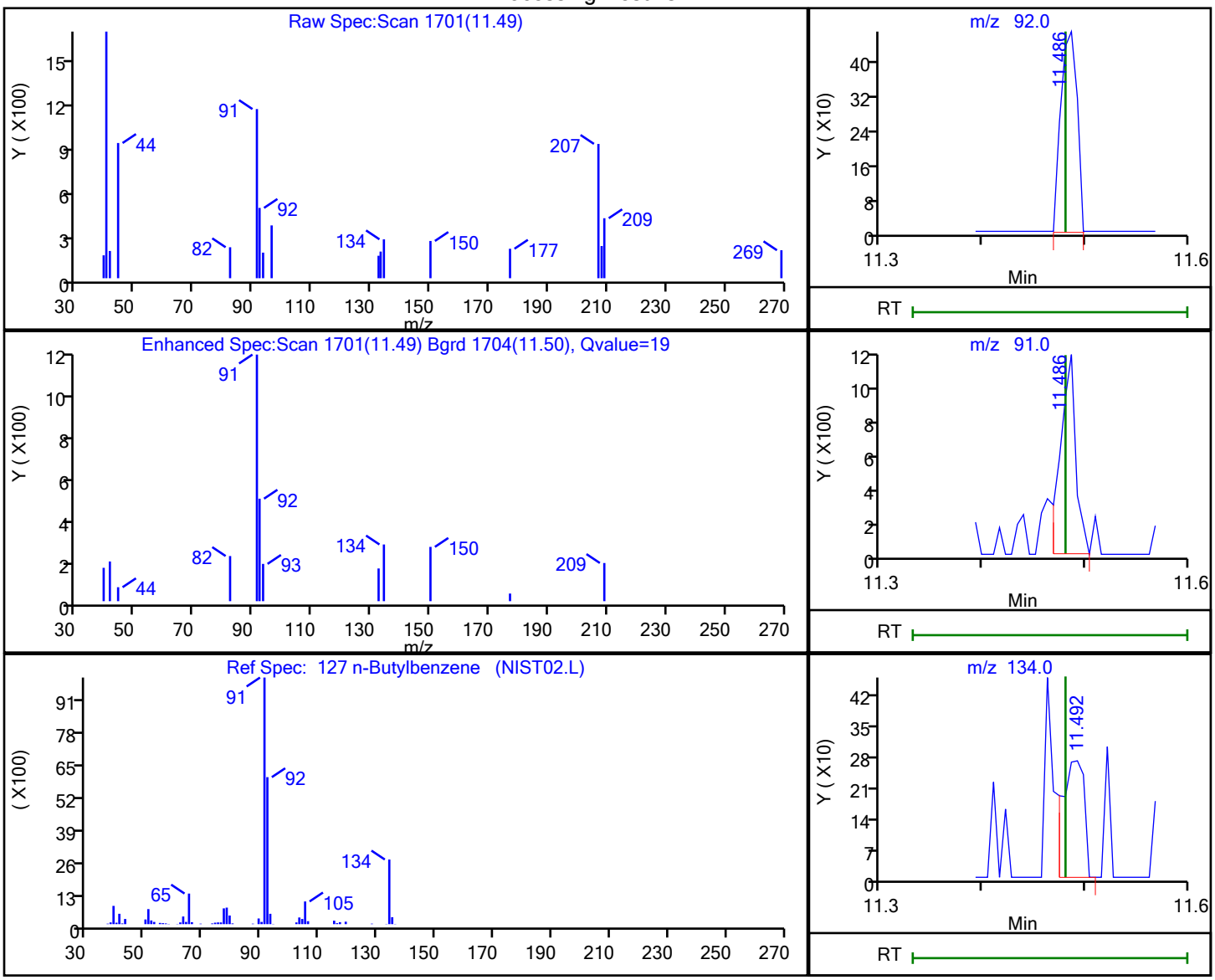
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 127 n-Butylbenzene, CAS: 104-51-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.49 | 92.00 | 521 | 0.079165 |
| 11.49 | 91.00 | 1178 | |
| 11.49 | 134.00 | 396 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

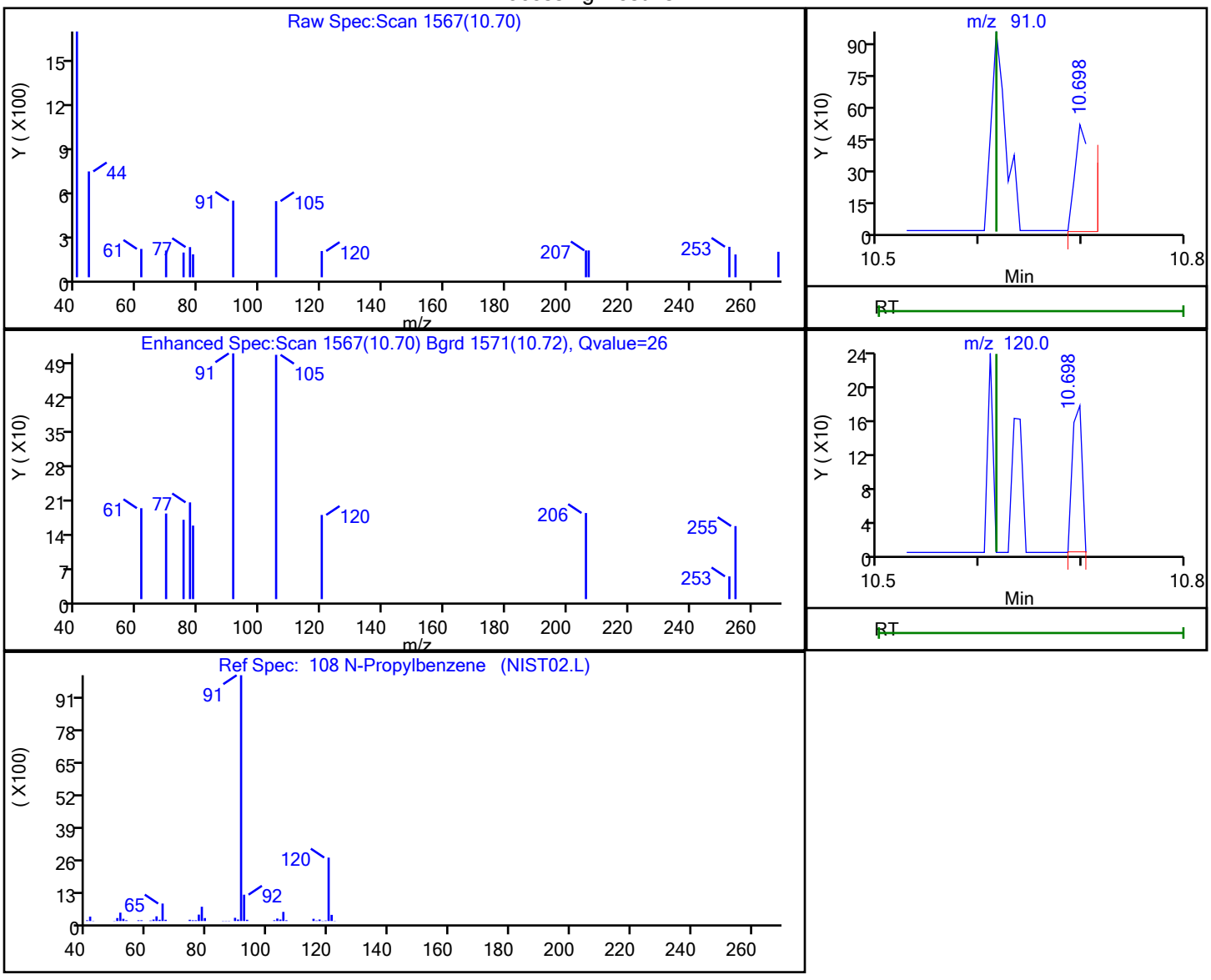
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 108 N-Propylbenzene, CAS: 103-65-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.70 | 91.00 | 567 | 0.032621 |
| 10.70 | 120.00 | 116 | |

Reviewer: NN6A, 23-Oct-2024 20:58:42 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

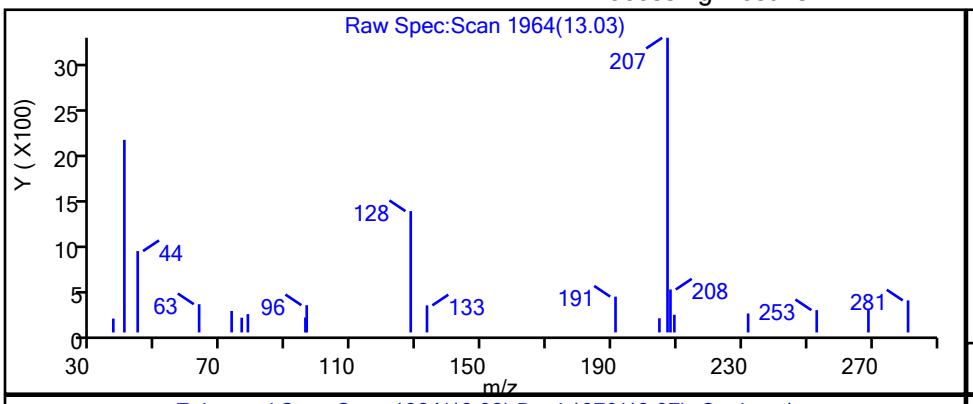
User Disabled Compound Report

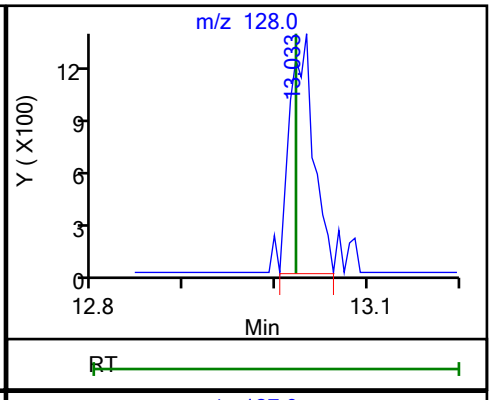
Eurofins Edison

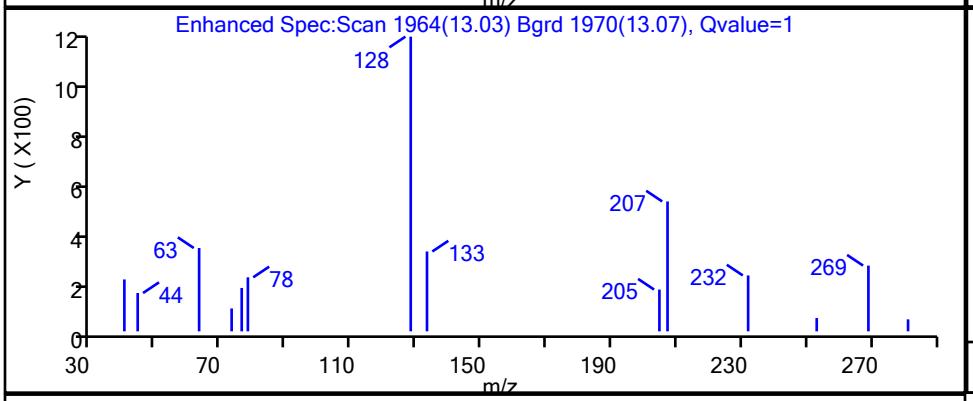
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

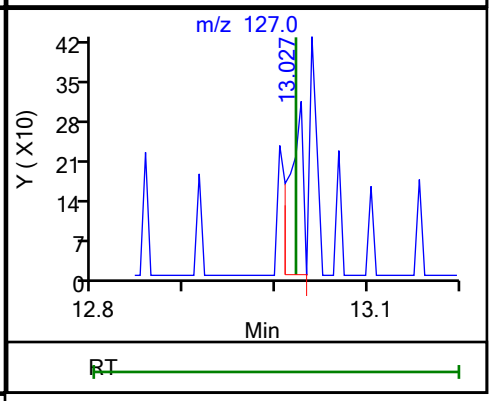
## 134 Naphthalene, CAS: 91-20-3

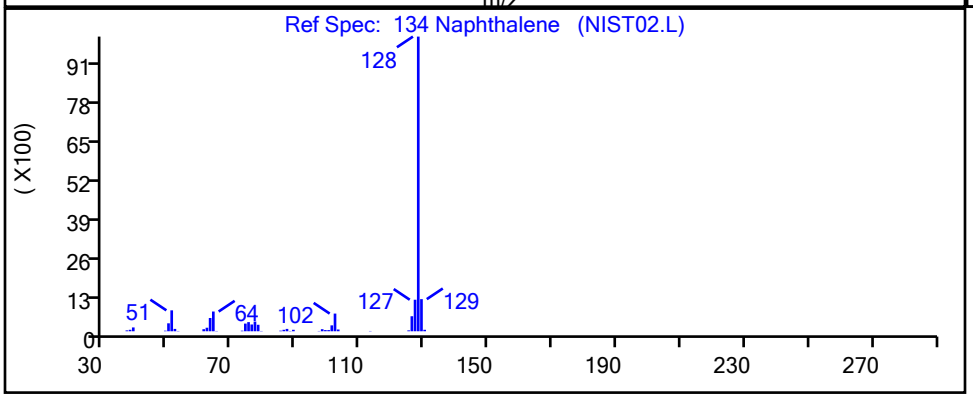
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.03 | 128.00 | 2413 | 0.315294 |
| 13.03 | 127.00 | 303 | |

Reviewer: NN6A, 23-Oct-2024 20:58:48 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

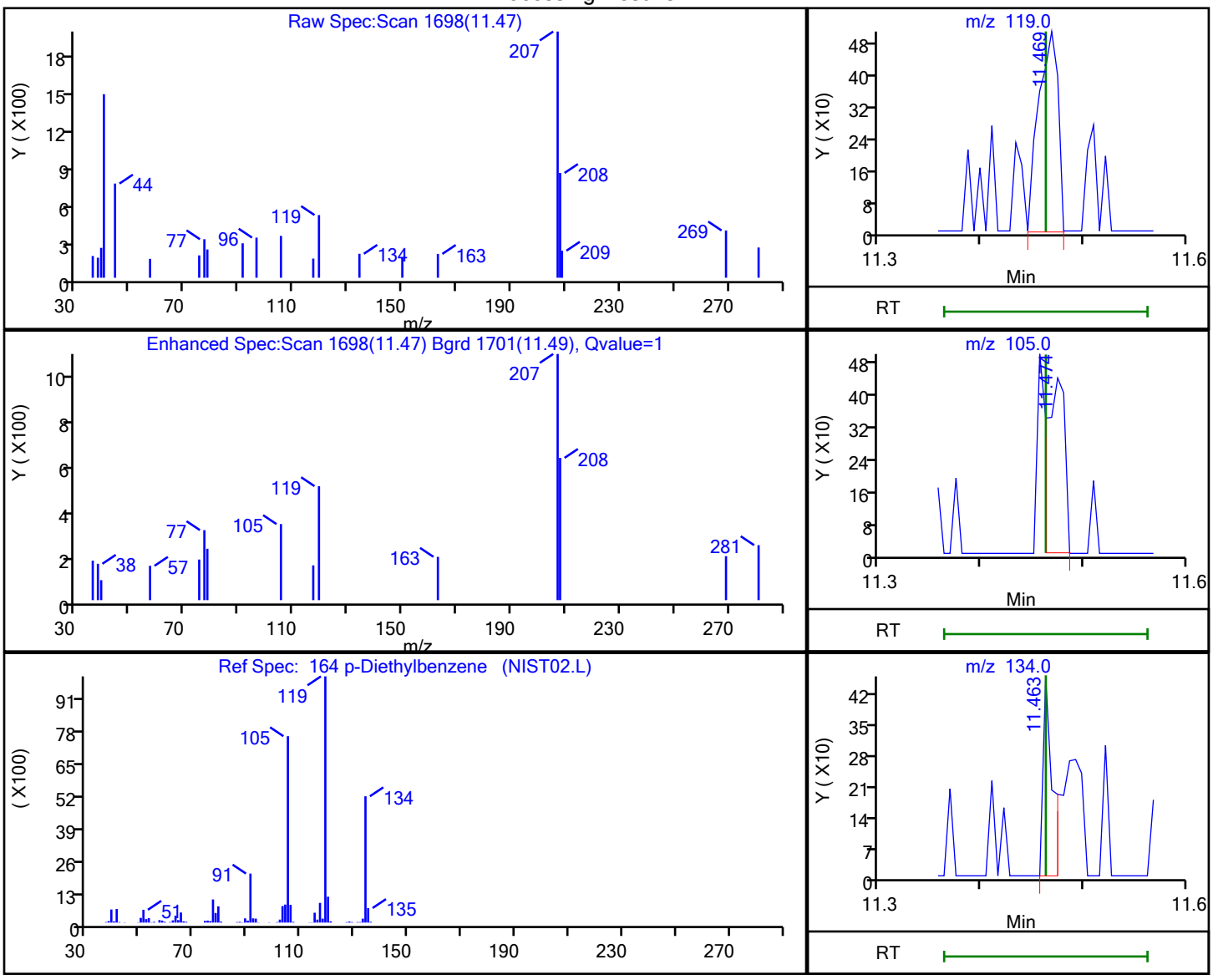
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 164 p-Diethylbenzene, CAS: 105-05-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.47 | 119.00 | 674 | 0.093030 |
| 11.47 | 105.00 | 534 | |
| 11.46 | 134.00 | 293 | |

Reviewer: NN6A, 23-Oct-2024 20:58:47 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

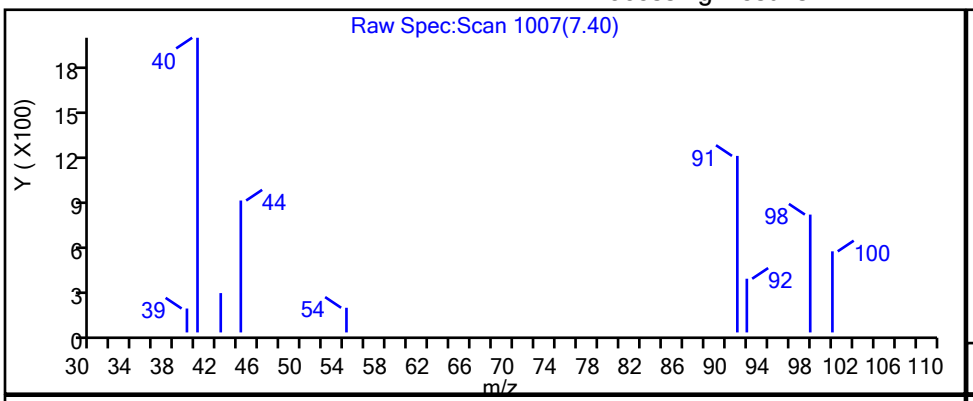
User Disabled Compound Report

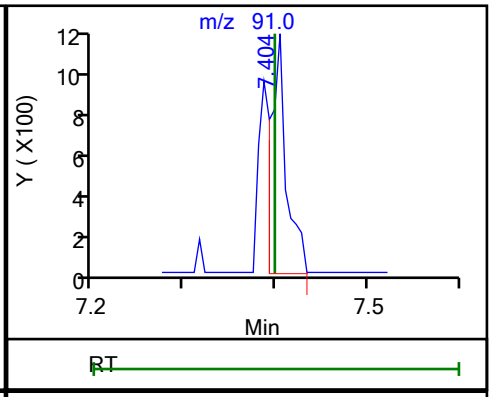
Eurofins Edison

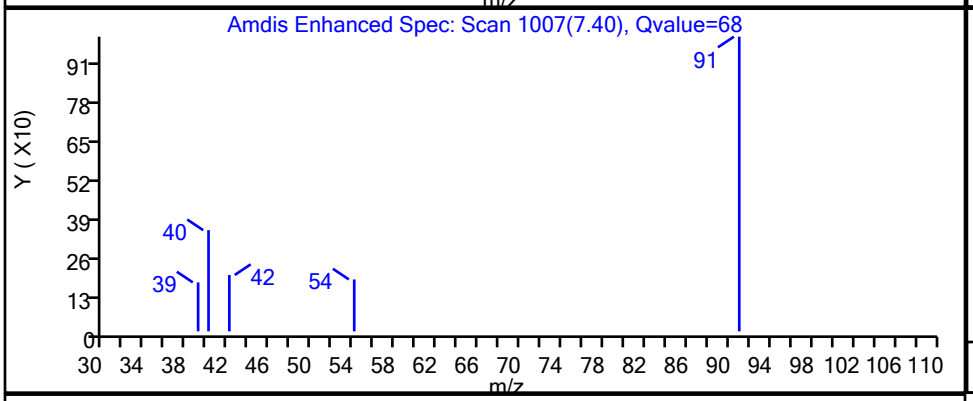
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

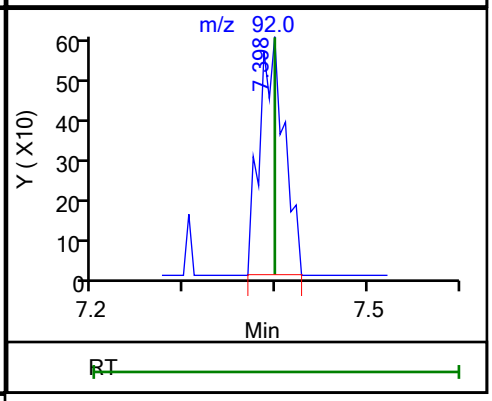
## 84 Toluene, CAS: 108-88-3

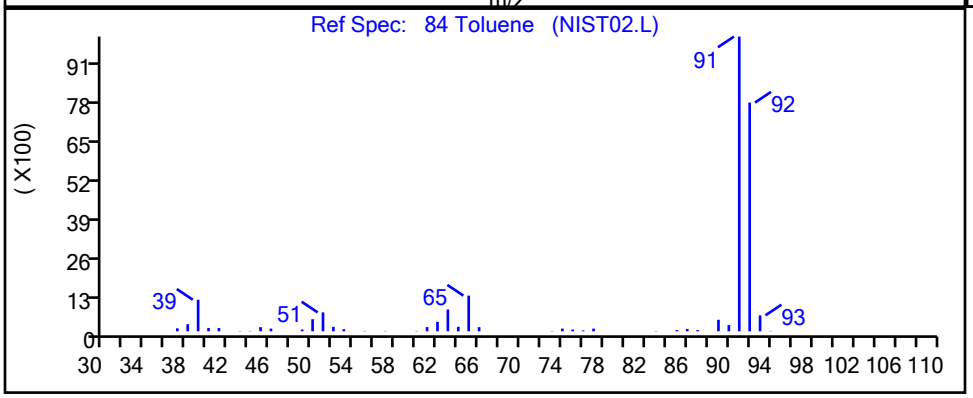
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.40 | 91.00 | 1344 | 0.094245 |
| 7.40 | 92.00 | 1134 | |

Reviewer: NN6A, 23-Oct-2024 20:57:51 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

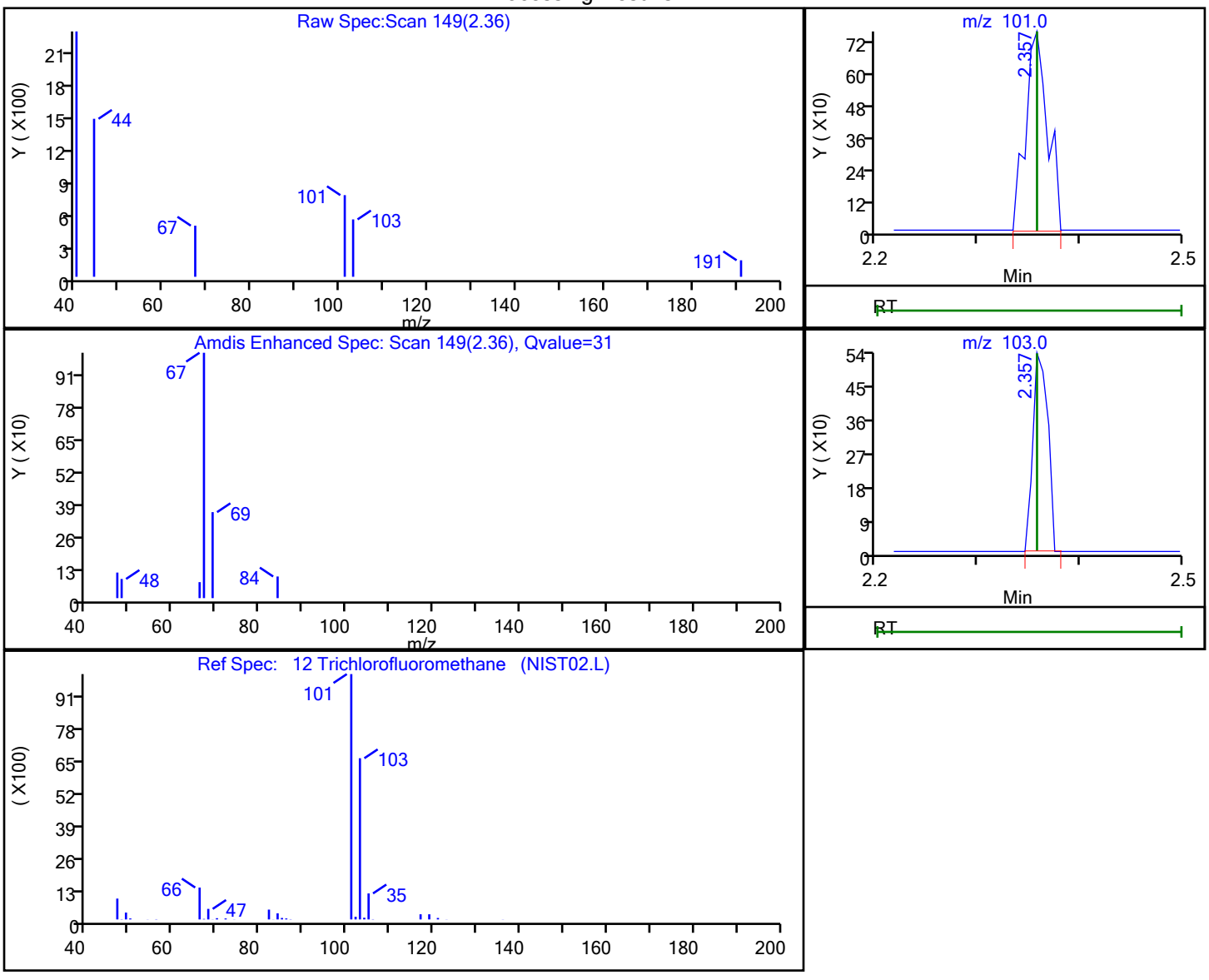
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 12 Trichlorofluoromethane, CAS: 75-69-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.36 | 101.00 | 1134 | 0.242031 |
| 2.36 | 103.00 | 543 | |

Reviewer: NN6A, 23-Oct-2024 20:57:07 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

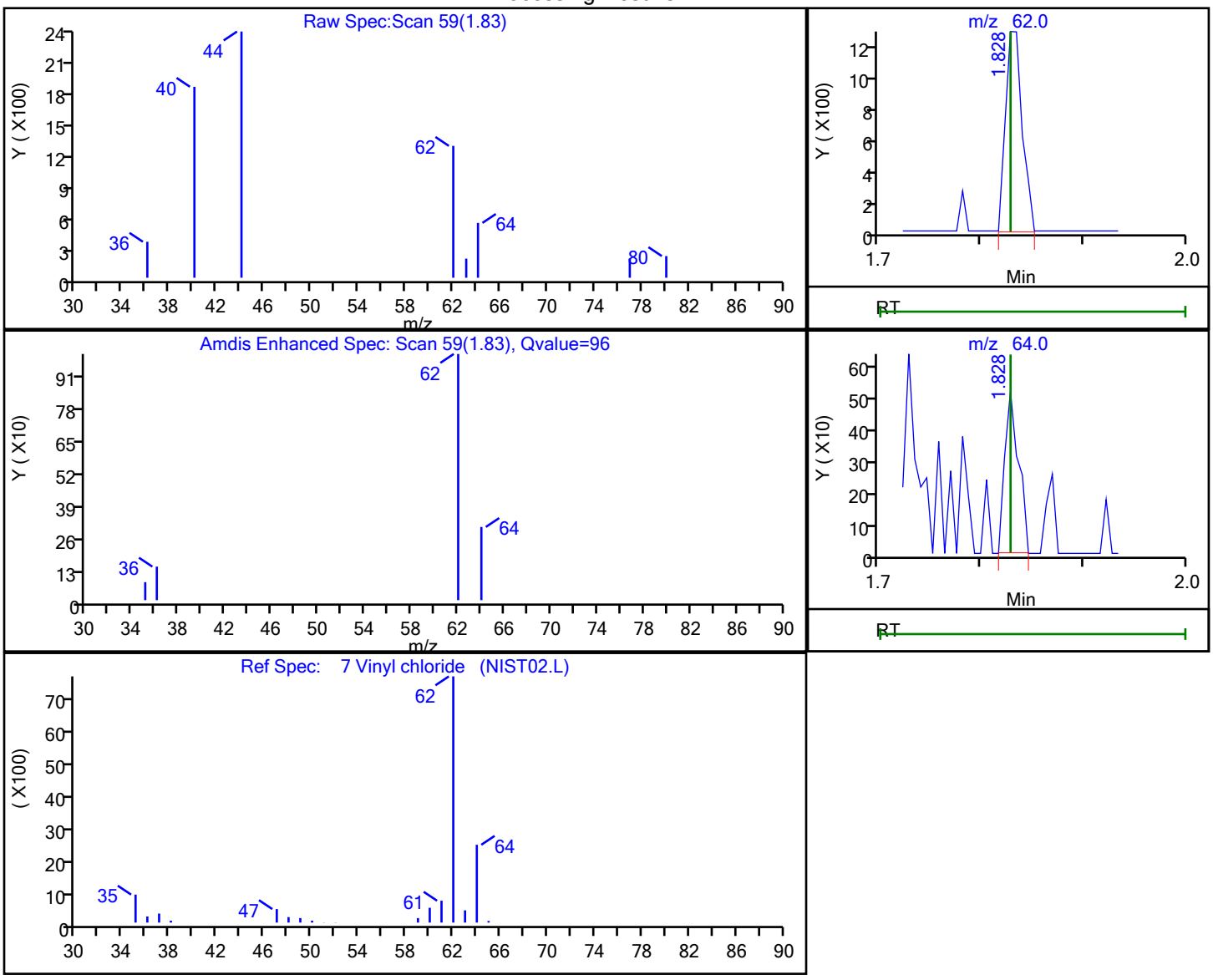
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18532.D
Injection Date: 22-Oct-2024 03:15:30 Instrument ID: CVOAMS1
Lims ID: STD7
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Vinyl chloride, CAS: 75-01-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.83 | 62.00 | 1409 | 0.293629 |
| 1.83 | 64.00 | 484 | |

Reviewer: NN6A, 23-Oct-2024 20:56:25 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Oct-2024 03:40:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0182449-004
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:28:20 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 04:03:37

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.540 | 1.546 | -0.006 | 1 | 443 | 1.00 | 0.4671 | a |
| 4 Dichlorodifluoromethane | 85 | 1.575 | 1.575 | 0.000 | 98 | 4343 | 1.00 | 0.9165 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 73 | 5376 | 1.00 | 0.7532 | |
| 6 Chloromethane | 50 | 1.757 | 1.769 | -0.012 | 98 | 6864 | 1.00 | 1.10 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 96 | 4894 | 1.00 | 1.06 | |
| 172 Butadiene | 39 | 1.857 | 1.852 | 0.005 | 91 | 4316 | 1.00 | 0.9704 | |
| 9 Bromomethane | 94 | 2.116 | 2.110 | 0.006 | 83 | 1915 | 1.00 | 0.9242 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 98 | 2742 | 1.00 | 0.9713 | |
| 174 Dichlorofluoromethane | 67 | 2.346 | 2.340 | 0.006 | 98 | 7921 | 1.00 | 1.06 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 96 | 5162 | 1.00 | 1.10 | |
| 13 Pentane | 72 | 2.404 | 2.399 | 0.005 | 95 | 1255 | 2.00 | 2.00 | |
| 14 Ethanol | 46 | 2.528 | 2.528 | 0.000 | 1 | 716 | 40.0 | 47.0 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 93 | 3873 | 1.00 | 1.19 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.599 | 2.605 | -0.006 | 82 | 3732 | 1.00 | 1.07 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.604 | 2.610 | -0.006 | 85 | 2693 | 1.00 | 1.09 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 95 | 5510 | 1.00 | 1.14 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.740 | 2.734 | 0.006 | 94 | 2664 | 1.00 | 0.9004 | |
| 19 Acrolein | 56 | 2.751 | 2.746 | 0.005 | 66 | 1796 | 4.00 | 4.76 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 98 | 3557 | 1.00 | 1.10 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 84 | 1194 | 5.00 | 4.84 | |
| 24 Isopropyl alcohol | 45 | 2.922 | 2.916 | 0.006 | 24 | 1561 | 10.0 | 11.0 | a |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 97 | 1868 | 1.00 | 0.5133 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 100 | 15319 | 1.00 | 1.18 | |
| 161 3-Chloro-1-propene | 76 | 3.081 | 3.087 | -0.006 | 98 | 2630 | 1.00 | 1.14 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 68 | 4397 | 2.00 | 2.18 | |
| 166 Cyclopentene | 67 | 3.110 | 3.110 | 0.000 | 90 | 8913 | 1.00 | 1.13 | |
| 29 Acetonitrile | 41 | 3.151 | 3.146 | 0.005 | 20 | 5212 | 10.0 | 12.4 | a |
| * 30 TBA-d9 (IS) | 65 | 3.169 | 3.169 | 0.000 | 0 | 184684 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.199 | 3.210 | -0.011 | 92 | 4357 | 1.00 | 1.11 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 96 | 1849 | 10.0 | 9.57 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.357 | 3.357 | 0.000 | 98 | 8528 | 1.00 | 1.02 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.387 | 3.393 | -0.006 | 97 | 3417 | 1.00 | 0.9898 | |
| 35 Acrylonitrile | 53 | 3.463 | 3.457 | 0.006 | 95 | 11650 | 10.0 | 10.6 | |
| 36 Hexane | 43 | 3.528 | 3.534 | -0.006 | 91 | 3000 | 1.00 | 0.8695 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 98 | 11592 | 1.00 | 0.9757 | |
| 38 1,1-Dichloroethane | 63 | 3.793 | 3.787 | 0.006 | 70 | 7138 | 1.00 | 1.06 | |
| 39 Vinyl acetate | 86 | 3.804 | 3.787 | 0.017 | 99 | 831 | 2.00 | 1.50 | a |
| 40 2-Chloro-1,3-butadiene | 88 | 3.840 | 3.834 | 0.006 | 88 | 3544 | 1.00 | 1.12 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 88 | 10648 | 1.00 | 1.05 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 287262 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 45 | 1228 | 1.00 | 1.10 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 95 | 4186 | 1.00 | 1.09 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 91 | 644 | 2.00 | 2.18 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 95 | 1238 | 5.00 | 4.41 | |
| 47 Methyl acrylate | 55 | 4.387 | 4.387 | 0.000 | 29 | 2281 | 1.00 | 0.9037 | a |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 96 | 3633 | 10.0 | 9.80 | |
| 50 Chlorobromomethane | 128 | 4.557 | 4.551 | 0.006 | 89 | 1588 | 1.00 | 1.03 | |
| 49 Tetrahydrofuran | 42 | 4.563 | 4.557 | 0.006 | 40 | 2063 | 2.00 | 1.99 | |
| 51 Methacrylonitrile | 67 | 4.587 | 4.575 | 0.012 | 93 | 10755 | 10.0 | 8.98 | |
| 52 Chloroform | 83 | 4.598 | 4.599 | -0.001 | 97 | 6364 | 1.00 | 1.08 | |
| 53 Cyclohexane | 56 | 4.745 | 4.746 | -0.001 | 31 | 6289 | 1.00 | 1.00 | |
| 54 1,1,1-Trichloroethane | 97 | 4.757 | 4.763 | -0.006 | 36 | 5398 | 1.00 | 1.17 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.769 | 4.763 | 0.006 | 96 | 164664 | 50.0 | 51.5 | |
| 56 Carbon tetrachloride | 117 | 4.881 | 4.887 | -0.006 | 73 | 4430 | 1.00 | 1.16 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 96 | 4939 | 1.00 | 1.04 | |
| 58 Isobutyl alcohol | 43 | 5.028 | 5.016 | 0.012 | 16 | 2094 | 25.0 | 23.2 | a |
| 59 Isooctane | 57 | 5.093 | 5.087 | 0.005 | 96 | 8605 | 1.00 | 0.8118 | |
| 60 Benzene | 78 | 5.145 | 5.134 | 0.011 | 42 | 15646 | 1.00 | 1.11 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.151 | 5.151 | 0.000 | 0 | 182613 | 50.0 | 50.2 | |
| 62 Isopropyl acetate | 61 | 5.157 | 5.163 | -0.006 | 90 | 4255 | 1.00 | 1.00 | |
| 63 Tert-amyl methyl ether | 87 | 5.169 | 5.181 | -0.012 | 91 | 2348 | 1.00 | 0.9730 | M |
| 64 1,2-Dichloroethane | 62 | 5.234 | 5.234 | 0.000 | 93 | 4737 | 1.00 | 1.17 | |
| 65 n-Heptane | 71 | 5.281 | 5.281 | 0.000 | 88 | 1912 | 1.00 | 0.7414 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 628327 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.751 | 5.746 | 0.005 | 14 | 597 | 25.0 | 25.3 | M |
| 68 Trichloroethene | 95 | 5.816 | 5.822 | -0.006 | 89 | 3549 | 1.00 | 1.03 | |
| 69 Ethyl acrylate | 99 | 5.969 | 5.945 | 0.024 | 91 | 55 | 1.00 | 0.9741 | Ma |
| 70 Methylcyclohexane | 83 | 5.957 | 5.969 | -0.012 | 81 | 4405 | 1.00 | 0.8302 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 92 | 4291 | 1.00 | 1.08 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.210 | 6.210 | 0.000 | 0 | 21872 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.222 | 6.222 | 0.000 | 48 | 3174 | 2.00 | 1.67 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 49 | 807 | 50.0 | 33.8 | |
| 74 n-Propyl acetate | 43 | 6.287 | 6.281 | 0.006 | 91 | 3580 | 1.00 | 0.9080 | |
| 76 Dibromomethane | 93 | 6.292 | 6.298 | -0.006 | 95 | 1893 | 1.00 | 0.99 | |
| 77 Dichlorobromomethane | 83 | 6.451 | 6.451 | 0.000 | 96 | 4363 | 1.00 | 1.01 | |
| 79 2-Nitropropane | 41 | 6.845 | 6.845 | 0.000 | 51 | 1548 | 2.00 | 2.34 | |
| 80 Epichlorohydrin | 57 | 6.969 | 6.963 | 0.006 | 93 | 3434 | 20.0 | 18.5 | |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 90 | 5515 | 1.00 | 1.01 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 1 | 6435 | 5.00 | 2.98 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 640134 | 50.0 | 50.8 | |
| 84 Toluene | 91 | 7.404 | 7.398 | 0.006 | 97 | 16764 | 1.00 | 1.17 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.810 | 7.798 | 0.012 | 96 | 4658 | 1.00 | 1.03 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.839 | 7.834 | 0.005 | 76 | 2207 | 1.00 | 1.02 | a |
| 87 1,1,2-Trichloroethane | 83 | 8.069 | 8.069 | 0.000 | 51 | 2578 | 1.00 | 1.05 | |
| 88 Tetrachloroethene | 166 | 8.139 | 8.128 | 0.011 | 91 | 3133 | 1.00 | 1.08 | |
| 89 1,3-Dichloropropane | 76 | 8.357 | 8.351 | 0.006 | 93 | 4661 | 1.00 | 0.9763 | |
| 90 2-Hexanone | 58 | 8.439 | 8.434 | 0.005 | 97 | 3317 | 5.00 | 4.09 | M |
| 91 n-Butyl acetate | 73 | 8.605 | 8.586 | 0.019 | 37 | 0 | 1.00 | 0 | Ma |
| 92 Chlorodibromomethane | 129 | 8.645 | 8.657 | -0.012 | 92 | 2498 | 1.00 | 0.9255 | |
| 93 Ethylene Dibromide | 107 | 8.851 | 8.839 | 0.012 | 22 | 2571 | 1.00 | 1.04 | M |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 445197 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 95 | 8847 | 1.00 | 1.07 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 98 | 4061 | 1.00 | 0.9410 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 42 | 2715 | 1.00 | 1.02 | |
| 98 m-Xylene & p-Xylene | 106 | 9.622 | 9.616 | 0.006 | 0 | 5802 | 1.00 | 1.08 | |
| 99 n-Butyl acrylate | 73 | 9.980 | 9.981 | -0.001 | 60 | 1747 | 1.00 | 0.9398 | |
| 100 o-Xylene | 106 | 9.992 | 9.998 | -0.006 | 91 | 4885 | 1.00 | 0.9532 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 97 | 7724 | 1.00 | 0.8989 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 86 | 2896 | 1.00 | 0.6898 | |
| 103 Bromoform | 173 | 10.204 | 10.198 | 0.006 | 72 | 1416 | 1.00 | 0.8995 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 11875 | 1.00 | 0.99 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 84 | 161636 | 50.0 | 49.6 | |
| 107 Bromobenzene | 156 | 10.563 | 10.569 | -0.006 | 93 | 3610 | 1.00 | 1.10 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.592 | 10.592 | 0.000 | 95 | 3318 | 1.00 | 1.02 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 97 | 18601 | 1.00 | 1.07 | |
| 110 1,2,3-Trichloropropane | 110 | 10.639 | 10.633 | 0.006 | 89 | 809 | 1.00 | 0.9899 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.645 | 10.645 | 0.000 | 59 | 797 | 1.00 | 0.8961 | |
| 112 2-Chlorotoluene | 91 | 10.698 | 10.698 | 0.000 | 93 | 12461 | 1.00 | 1.08 | |
| 169 4-Ethyltoluene | 105 | 10.698 | 10.698 | 0.000 | 87 | 13721 | 1.00 | 1.04 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.745 | 10.745 | 0.000 | 93 | 11105 | 1.00 | 1.01 | |
| 115 4-Chlorotoluene | 91 | 10.786 | 10.780 | 0.006 | 97 | 11555 | 1.00 | 1.10 | |
| 114 Butyl Methacrylate | 87 | 10.816 | 10.816 | 0.000 | 91 | 2552 | 1.00 | 0.7438 | |
| 116 tert-Butylbenzene | 119 | 10.963 | 10.963 | 0.000 | 91 | 9199 | 1.00 | 1.00 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.010 | 11.010 | 0.000 | 98 | 9957 | 1.00 | 0.9037 | |
| 118 sec-Butylbenzene | 134 | 11.110 | 11.110 | 0.000 | 99 | 2709 | 1.00 | 1.02 | |
| 119 4-Isopropyltoluene | 119 | 11.204 | 11.204 | 0.000 | 98 | 11444 | 1.00 | 0.9822 | |
| 120 1,3-Dichlorobenzene | 146 | 11.222 | 11.216 | 0.006 | 93 | 6444 | 1.00 | 1.06 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.263 | 11.269 | -0.006 | 98 | 222220 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.280 | 11.280 | 0.000 | 90 | 7325 | 1.00 | 1.16 | a |
| 123 1,2,3-Trimethylbenzene | 105 | 11.292 | 11.292 | 0.000 | 94 | 11923 | 1.00 | 1.03 | |
| 124 Benzyl chloride | 91 | 11.380 | 11.386 | -0.006 | 97 | 4862 | 1.00 | 0.9340 | |
| 162 2,3-Dihydroindene | 117 | 11.433 | 11.433 | 0.000 | 92 | 11296 | 1.00 | 1.01 | |
| 164 p-Diethylbenzene | 119 | 11.463 | 11.463 | 0.000 | 93 | 8176 | 1.00 | 1.13 | |
| 127 n-Butylbenzene | 92 | 11.480 | 11.480 | 0.000 | 96 | 6785 | 1.00 | 1.03 | |
| 128 1,2-Dichlorobenzene | 146 | 11.545 | 11.545 | 0.000 | 93 | 5894 | 1.00 | 1.04 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.016 | 12.016 | 0.000 | 95 | 9766 | 1.00 | 0.9743 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.121 | 12.122 | -0.001 | 1 | 424 | 1.00 | 0.8509 | M |
| 131 1,3,5-Trichlorobenzene | 180 | 12.233 | 12.233 | 0.000 | 93 | 4772 | 1.00 | 1.12 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.768 | 12.769 | -0.001 | 90 | 3502 | 1.00 | 0.9589 | |
| 133 Hexachlorobutadiene | 225 | 12.857 | 12.857 | 0.000 | 86 | 2047 | 1.00 | 1.29 | |
| 134 Naphthalene | 128 | 13.021 | 13.022 | -0.001 | 98 | 8217 | 1.00 | 1.07 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.257 | 13.257 | 0.000 | 89 | 3506 | 1.00 | 1.09 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 2.08 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 2.00 | 2.03 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00195 | Amount Added: | 10.00 | Units: uL | |
| 524FREONS_00025 | Amount Added: | 10.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00608 | Amount Added: | 10.00 | Units: uL | |
| 14DIOXINTER_00174 | Amount Added: | 30.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:28:20 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D

Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1 Operator ID:

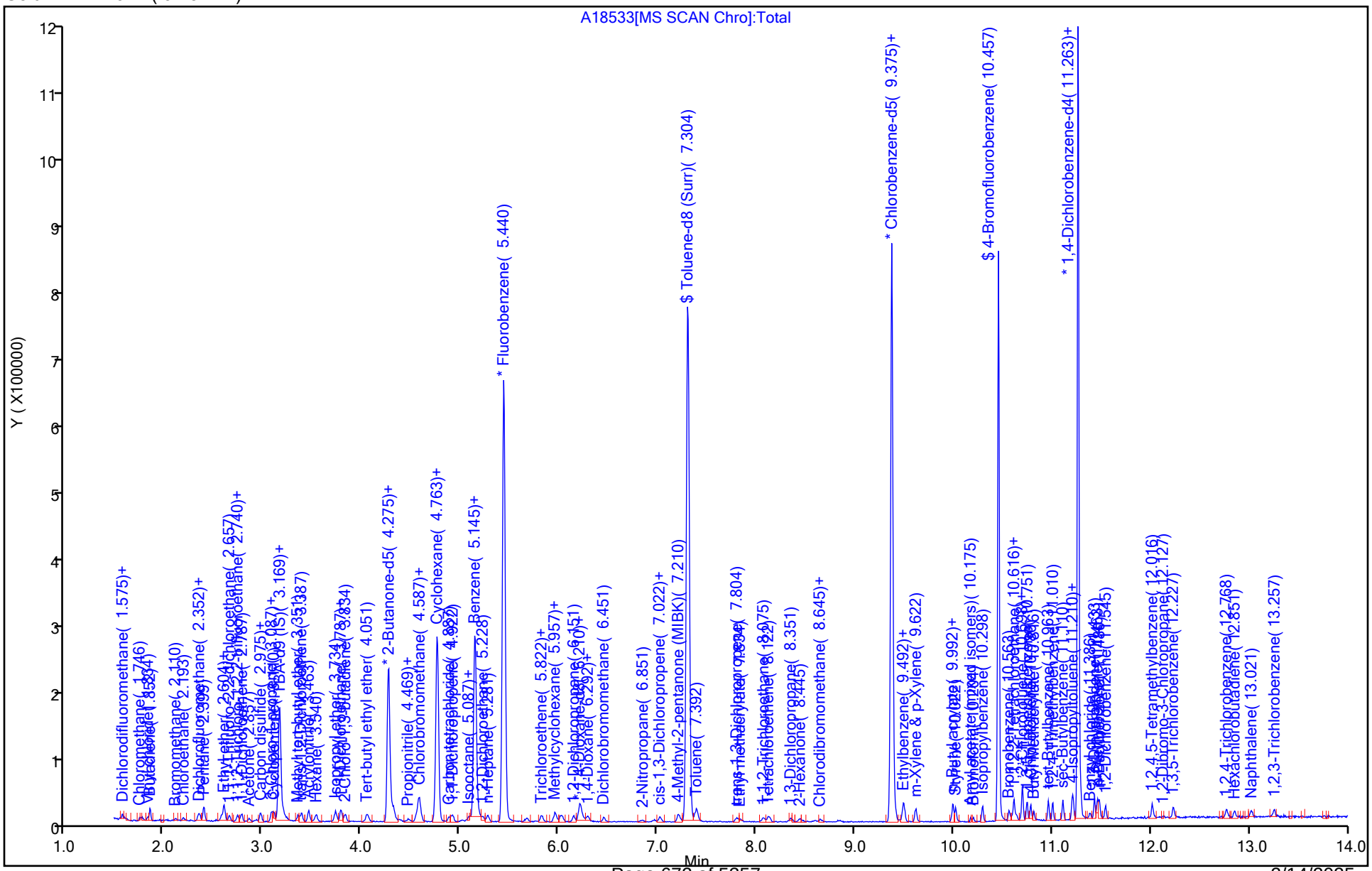
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

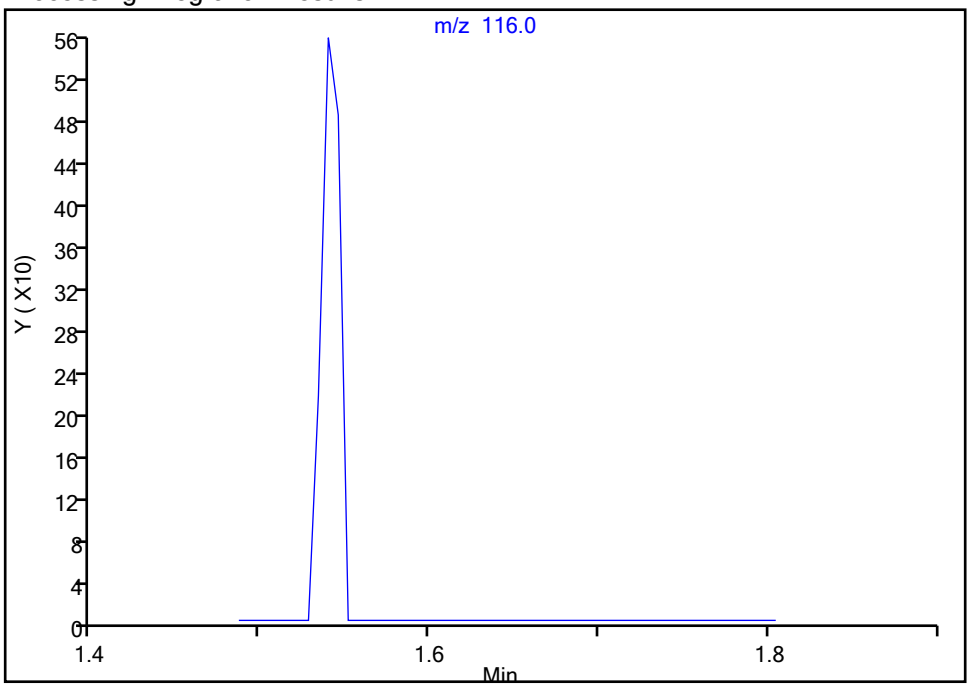
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 170 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

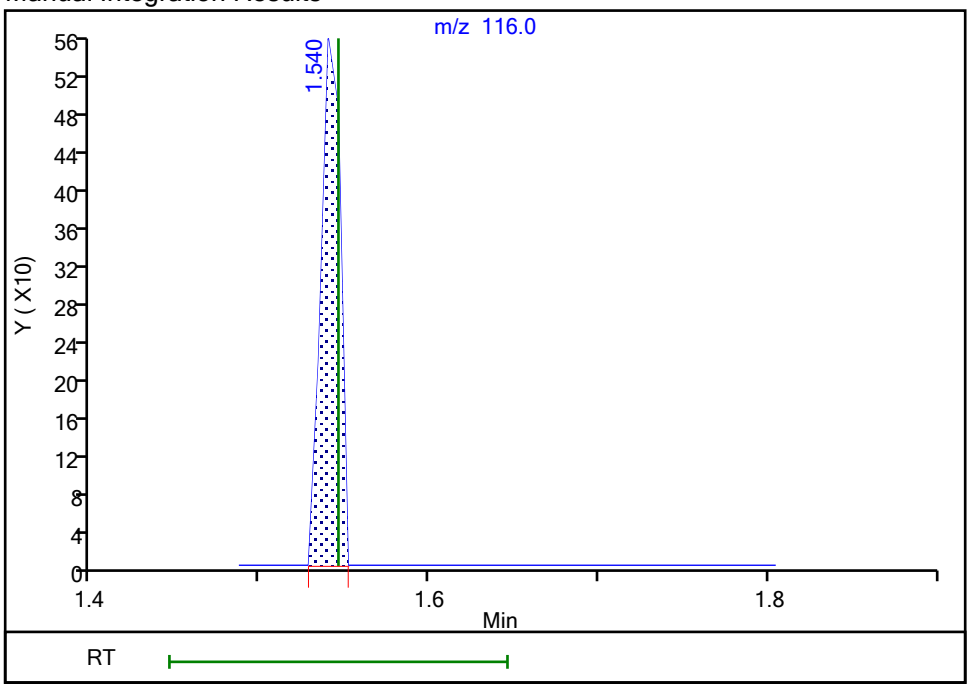
Not Detected
Expected RT: 1.55

Processing Integration Results




Manual Integration Results

RT: 1.54
Area: 443
Amount: 0.467091
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:00:14 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

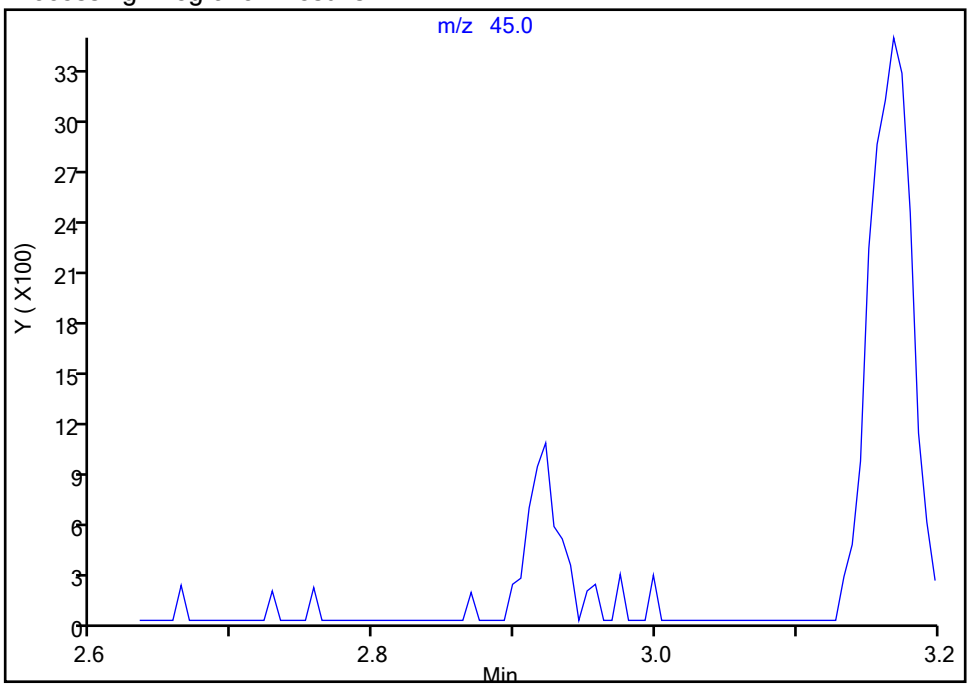
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

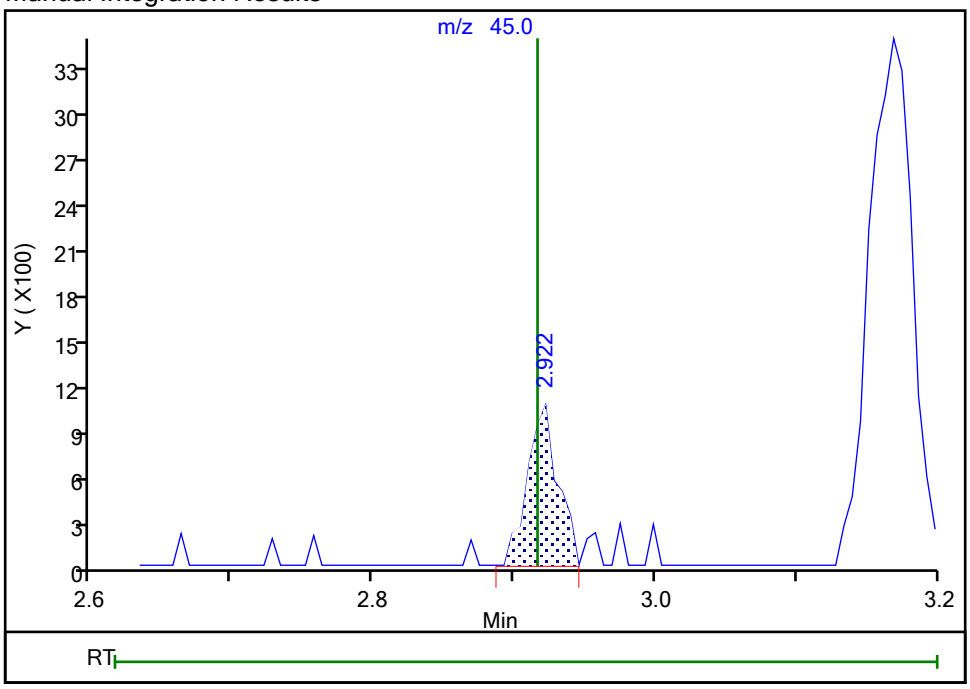
Not Detected
Expected RT: 2.92

Processing Integration Results




Manual Integration Results

RT: 2.92
Area: 1561
Amount: 11.011316
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:00:05 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

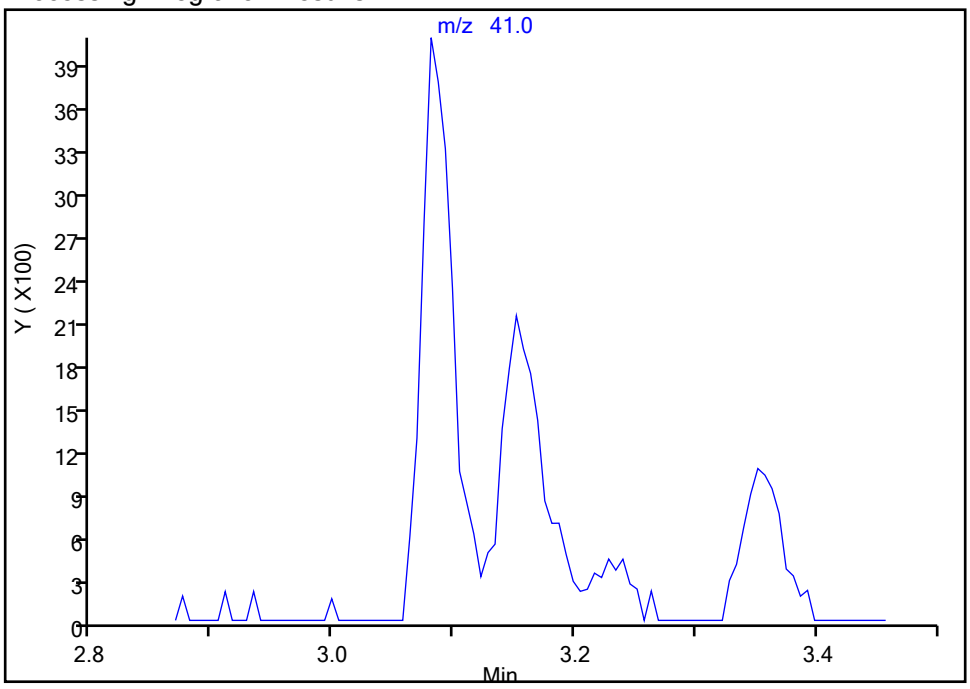
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 29 Acetonitrile, CAS: 75-05-8

Signal: 1

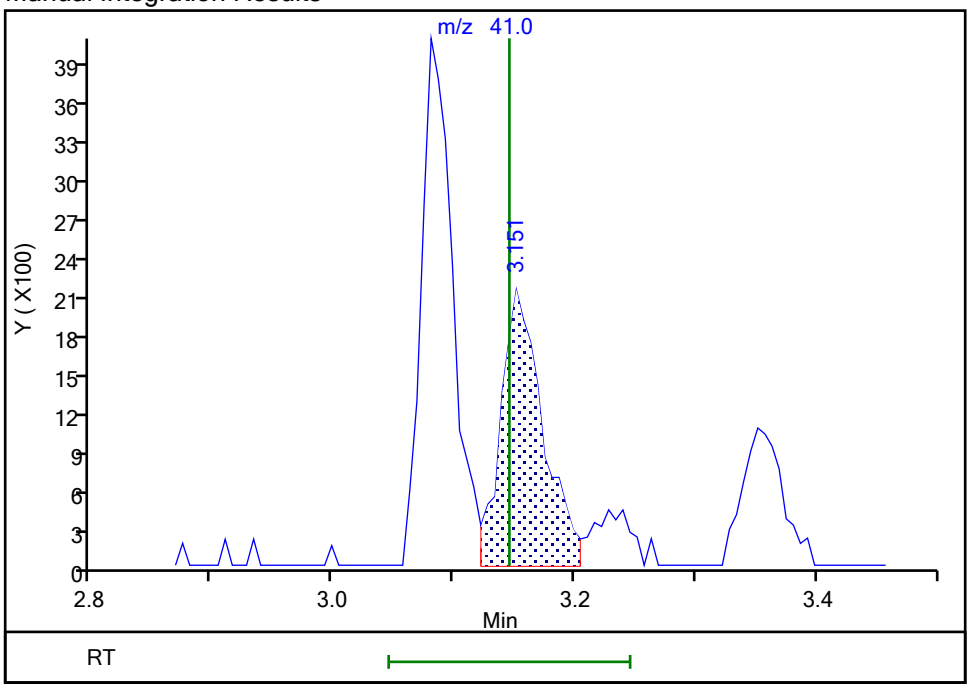
Not Detected
Expected RT: 3.15

Processing Integration Results




Manual Integration Results

RT: 3.15
Area: 5212
Amount: 12.409541
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:00:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

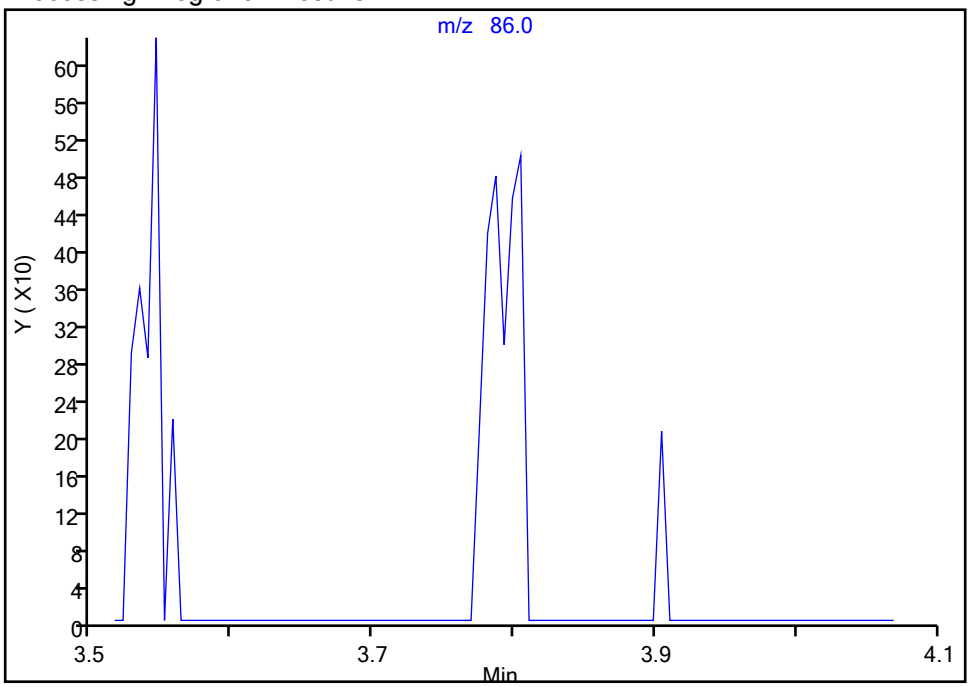
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 39 Vinyl acetate, CAS: 108-05-4

Signal: 1

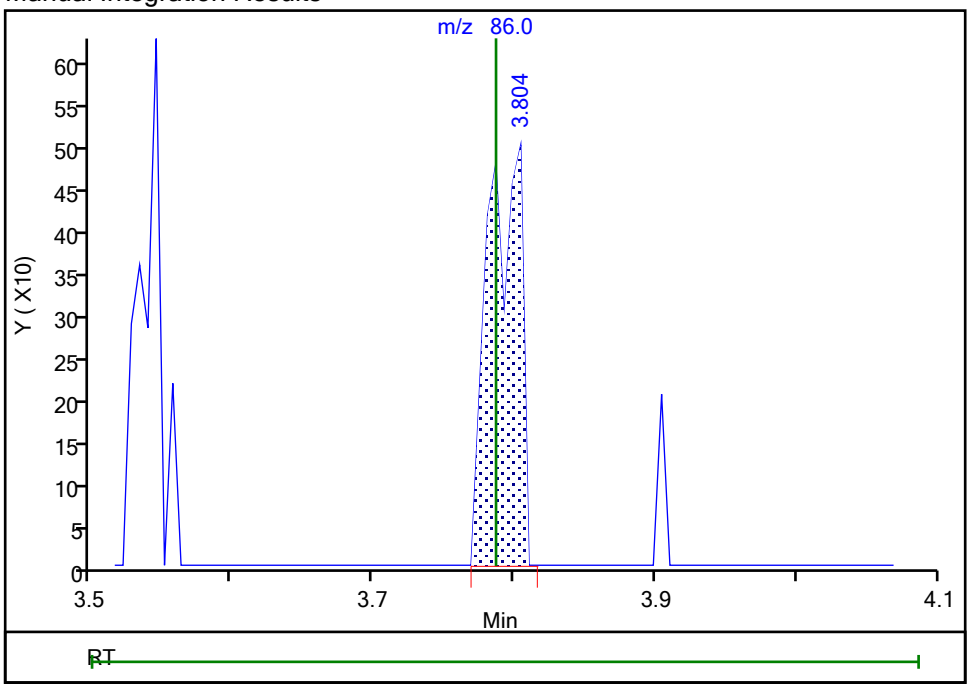
Not Detected
Expected RT: 3.79

Processing Integration Results




Manual Integration Results

RT: 3.80
Area: 831
Amount: 1.500307
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:00:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

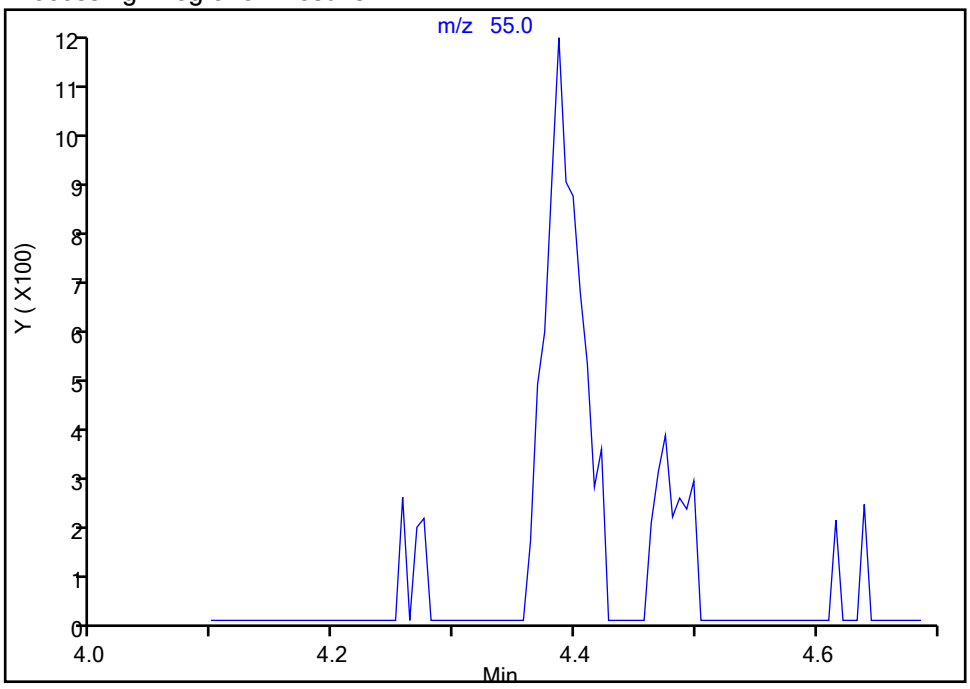
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 47 Methyl acrylate, CAS: 96-33-3

Signal: 1

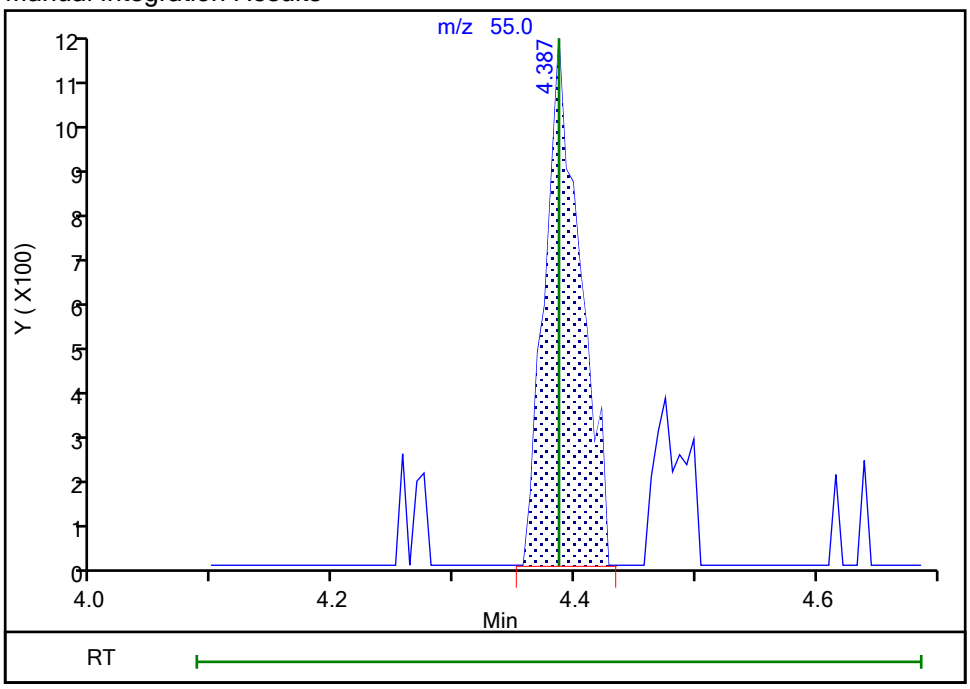
Not Detected
Expected RT: 4.39

Processing Integration Results




Manual Integration Results

RT: 4.39
Area: 2281
Amount: 0.903659
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:00:51 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

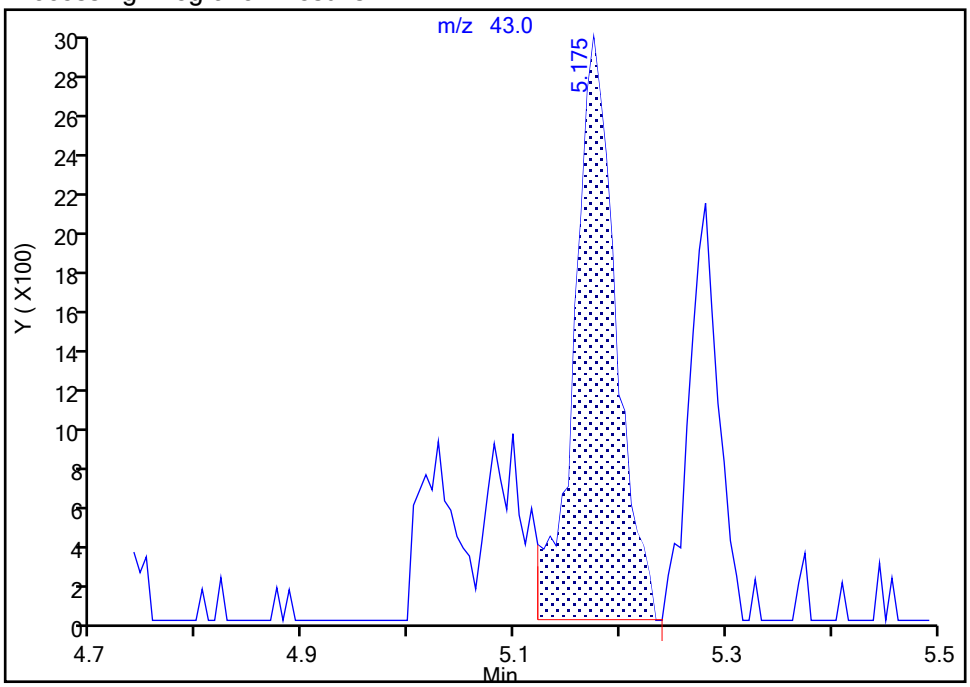
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 58 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

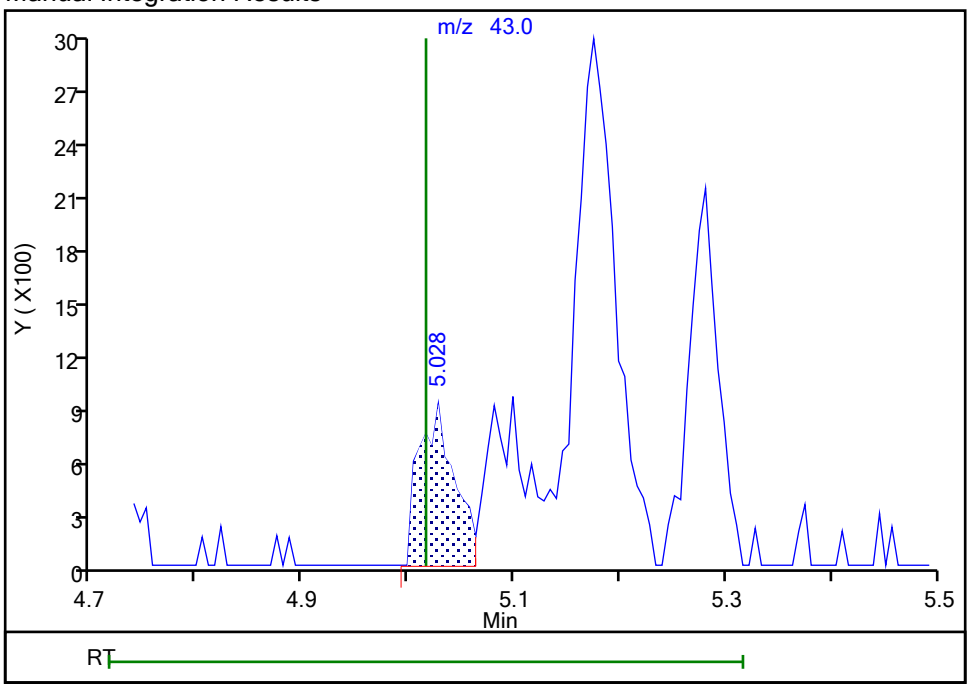
Processing Integration Results

RT: 5.17
Area: 8016
Amount: 88.862914
Amount Units: ug/l




Manual Integration Results

RT: 5.03
Area: 2094
Amount: 23.225084
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:01:04 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

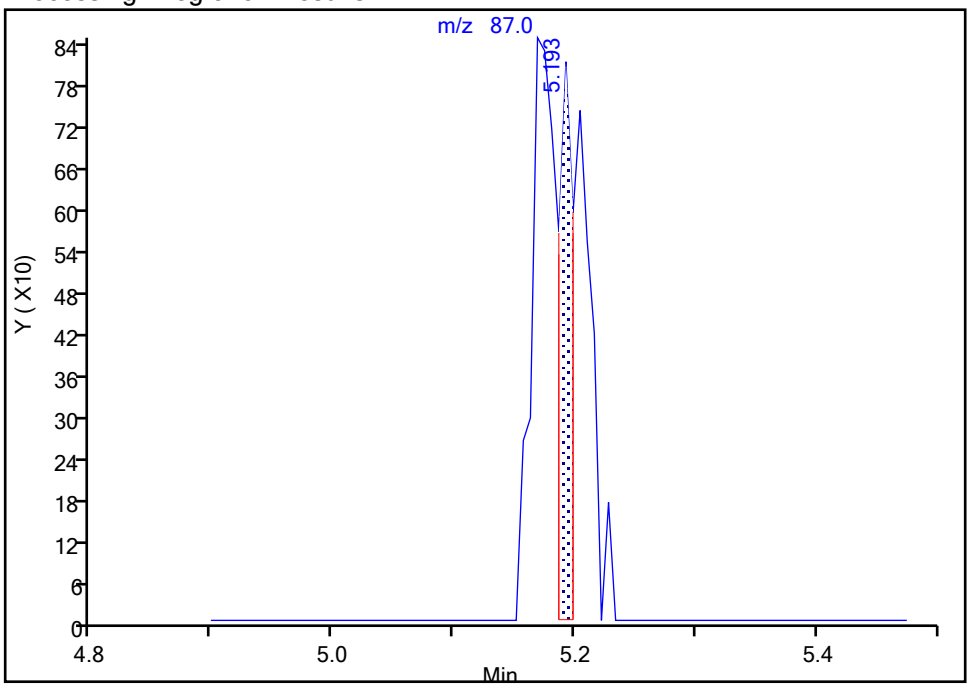
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 63 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

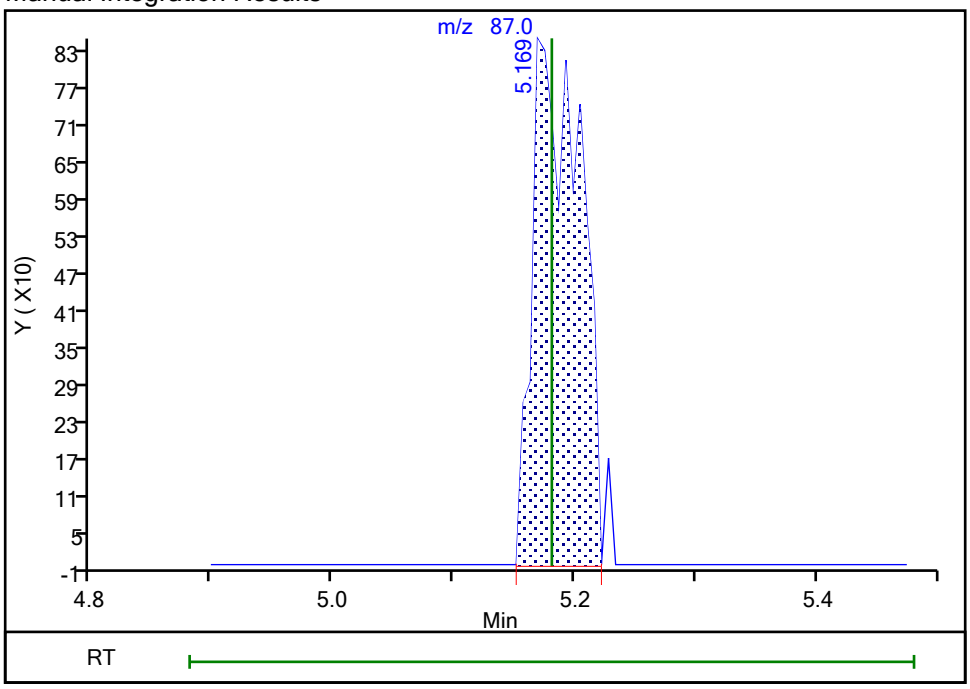
Processing Integration Results

RT: 5.19
Area: 697
Amount: 0.292323
Amount Units: ug/l




Manual Integration Results

RT: 5.17
Area: 2348
Amount: 0.972967
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:01:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

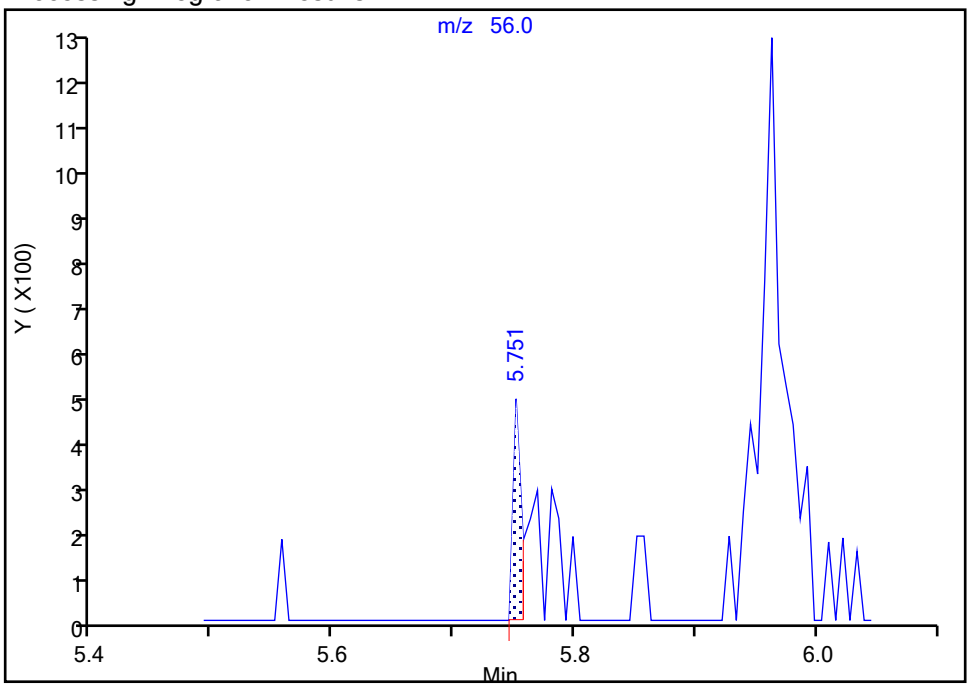
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 67 n-Butanol, CAS: 71-36-3

Signal: 1

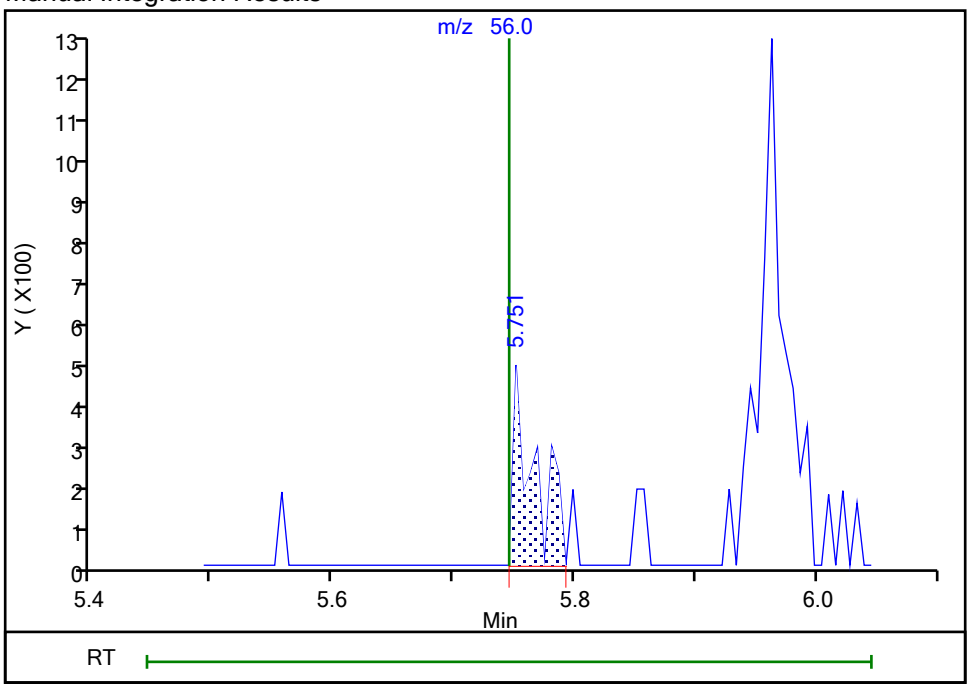
Processing Integration Results

RT: 5.75
Area: 235
Amount: 4.193185
Amount Units: ug/l




Manual Integration Results

RT: 5.75
Area: 597
Amount: 25.319755
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:01:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

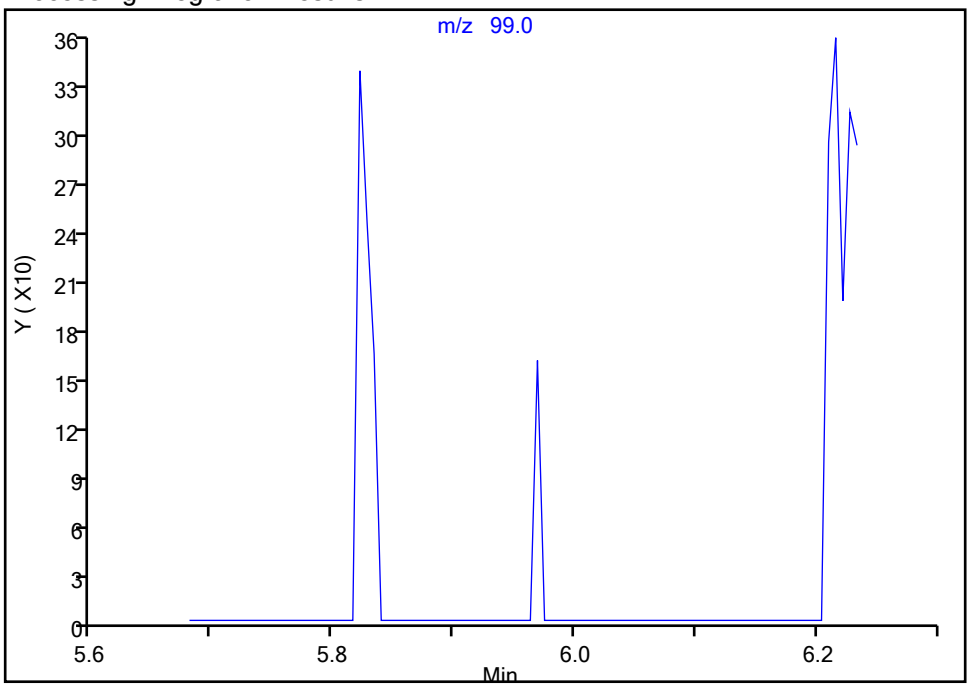
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

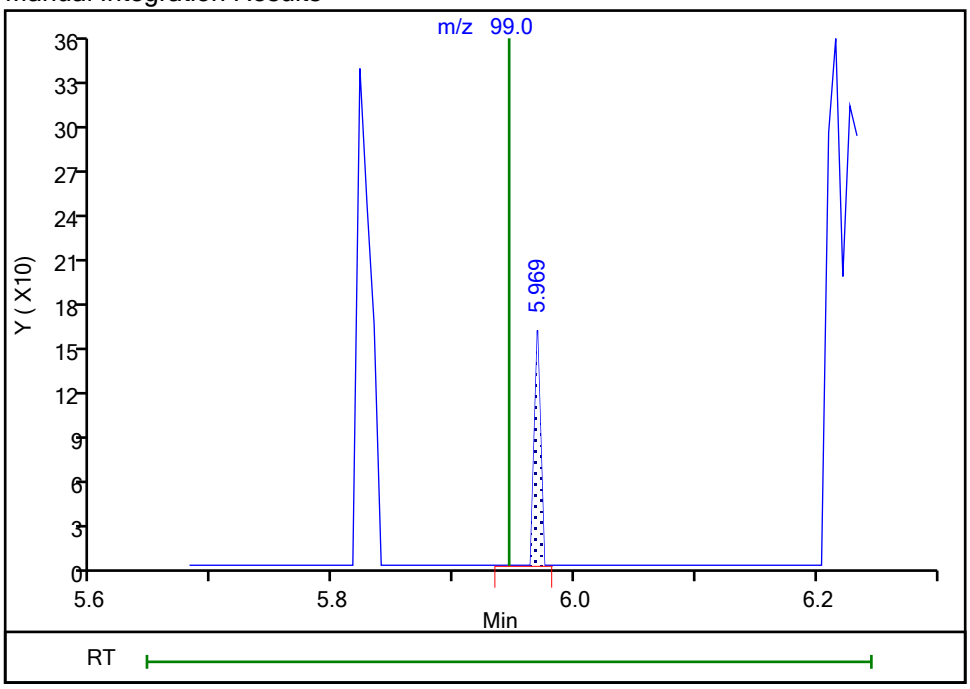
Not Detected
Expected RT: 5.95

Processing Integration Results




Manual Integration Results

RT: 5.97
Area: 55
Amount: 0.974062
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:01:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

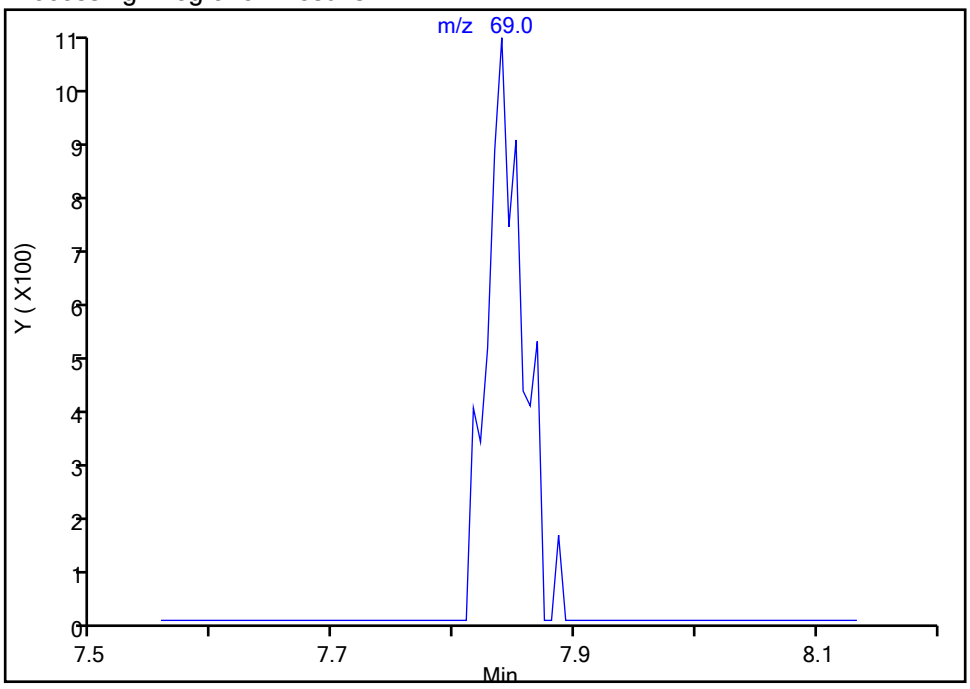
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 85 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

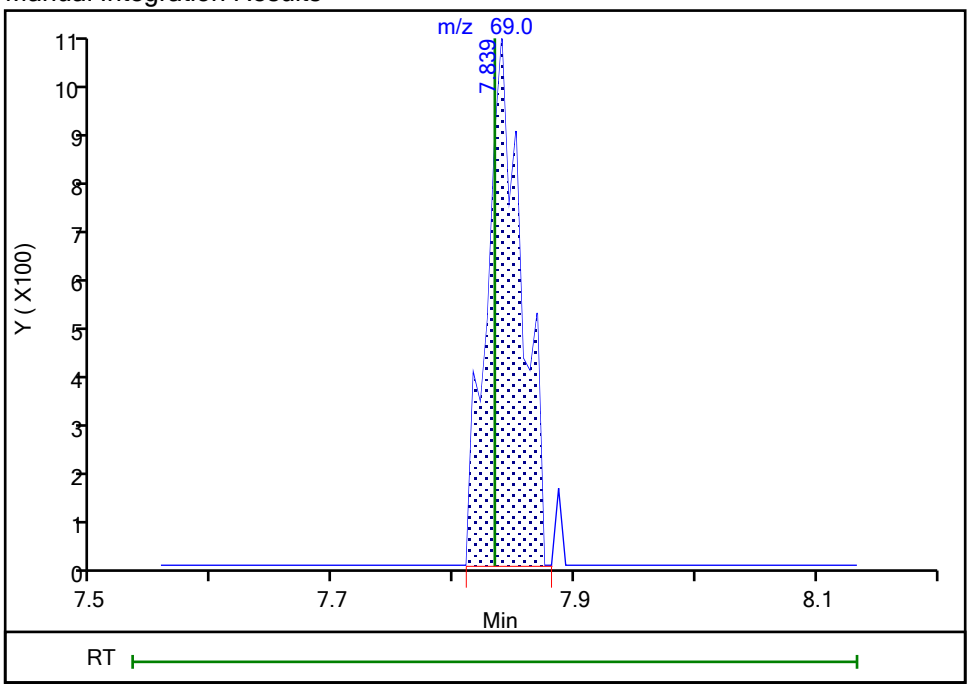
Not Detected
Expected RT: 7.83

Processing Integration Results




Manual Integration Results

RT: 7.84
Area: 2207
Amount: 1.021741
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:02:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

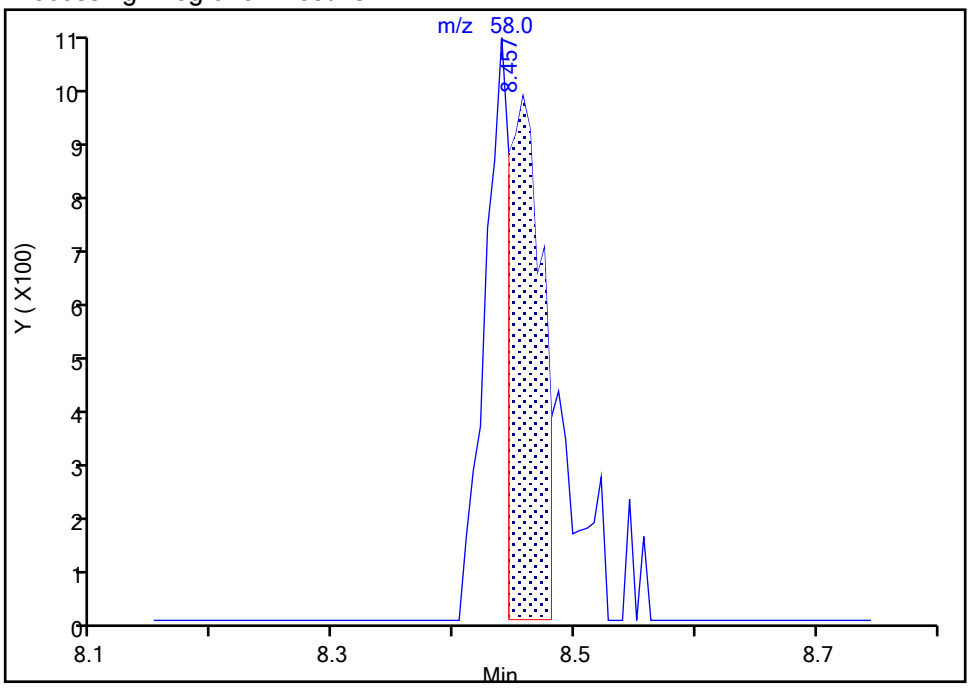
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 90 2-Hexanone, CAS: 591-78-6

Signal: 2

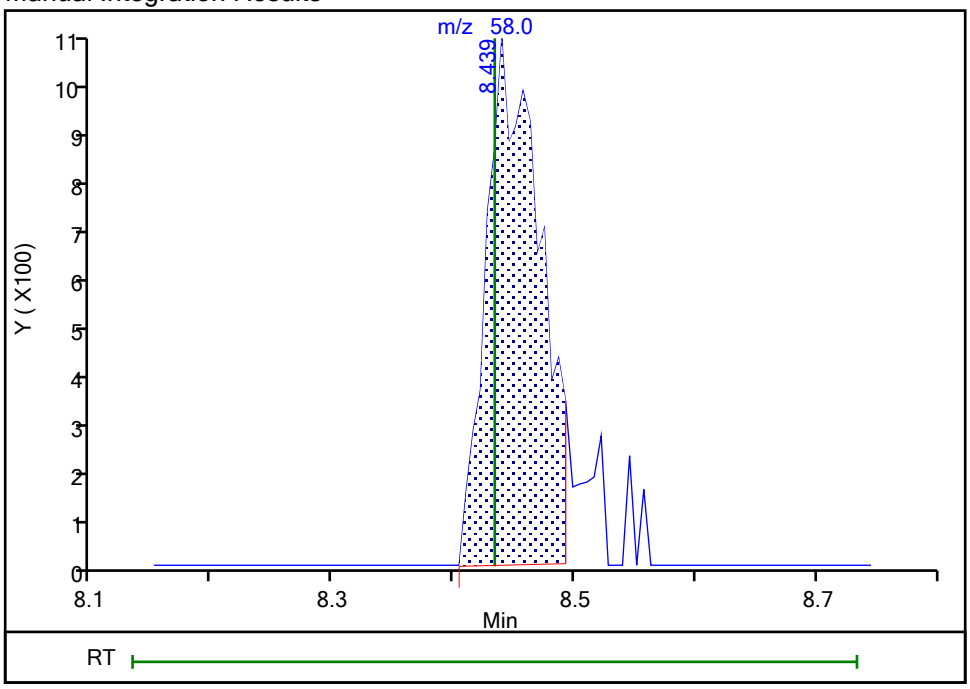
Processing Integration Results

RT: 8.46
Area: 1859
Amount: 2.128983
Amount Units: ug/l




Manual Integration Results

RT: 8.44
Area: 3317
Amount: 4.094036
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:02:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

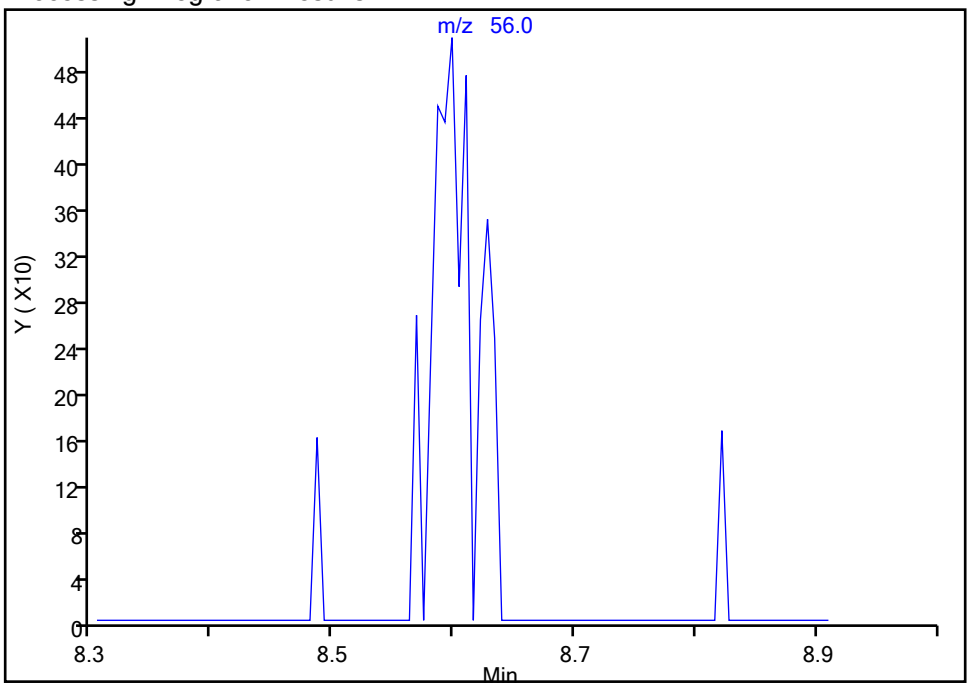
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 91 n-Butyl acetate, CAS: 123-86-4

Signal: 2

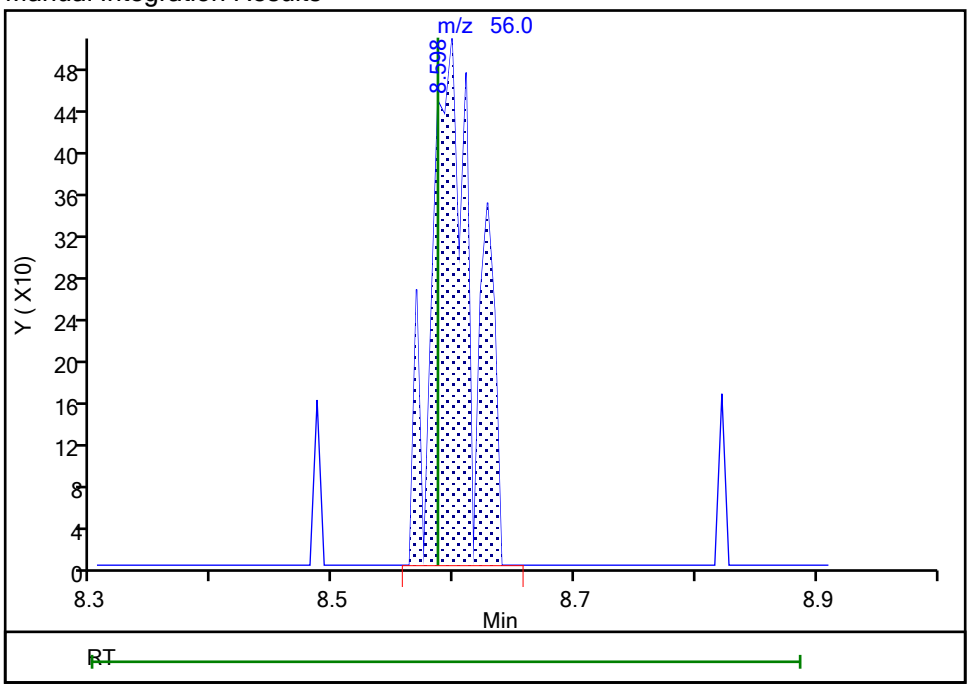
Not Detected
Expected RT: 8.59

Processing Integration Results




Manual Integration Results

RT: 8.60
Area: 1243
Amount: 0
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:03:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

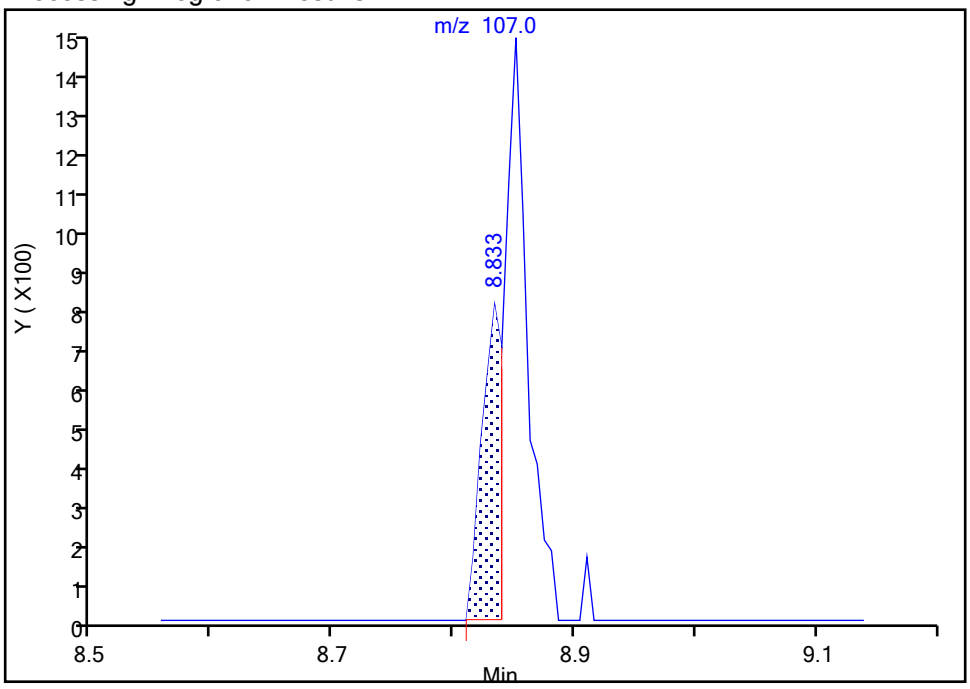
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 93 Ethylene Dibromide, CAS: 106-93-4

Signal: 1

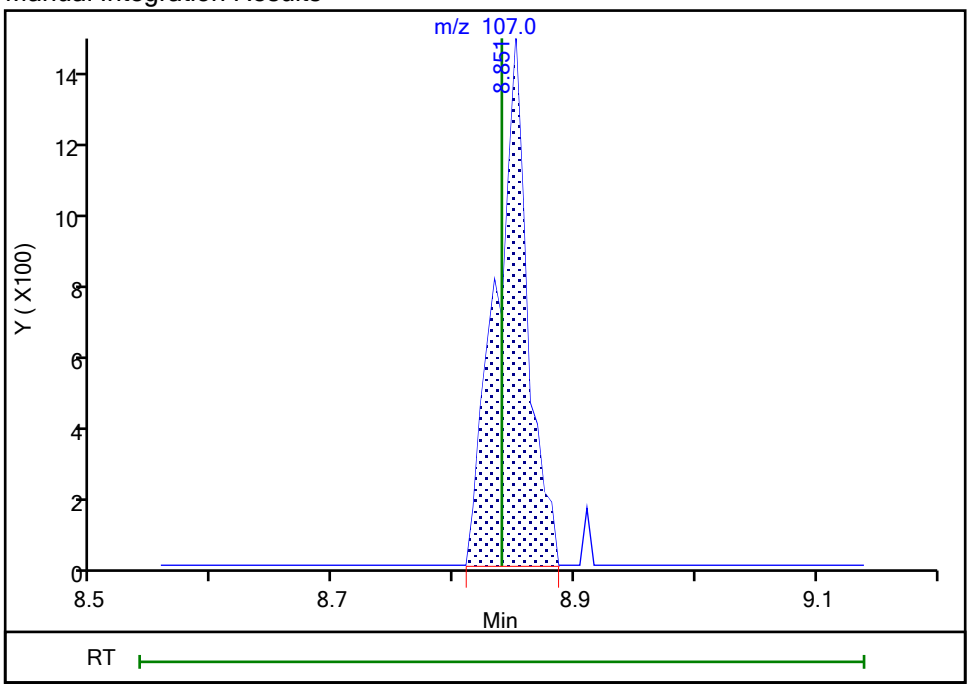
Processing Integration Results

RT: 8.83
Area: 924
Amount: 0.394652
Amount Units: ug/l




Manual Integration Results

RT: 8.85
Area: 2571
Amount: 1.043443
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:03:15 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

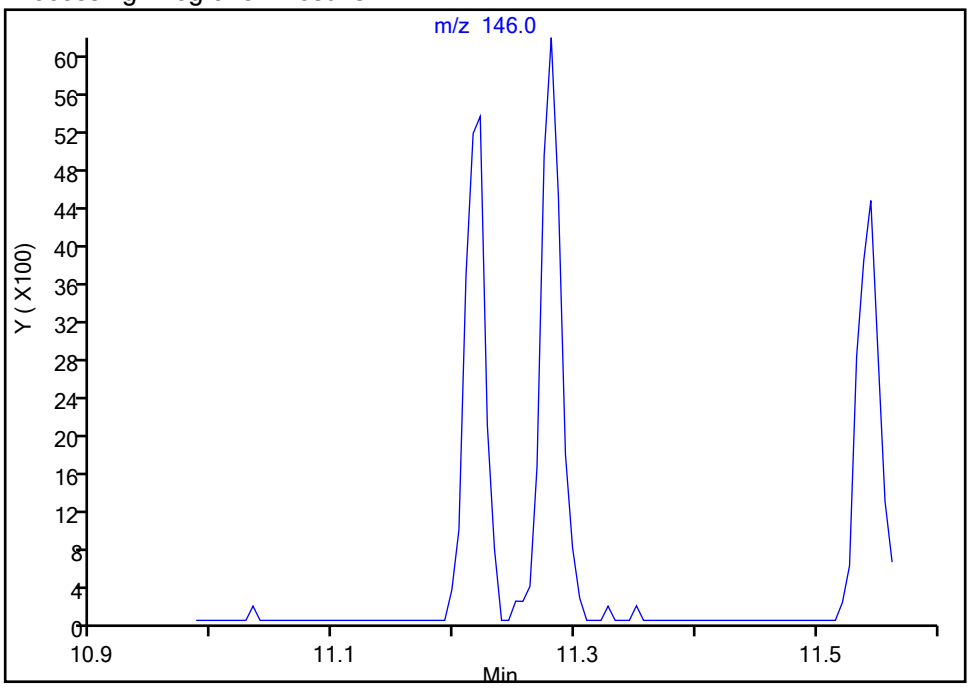
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 122 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

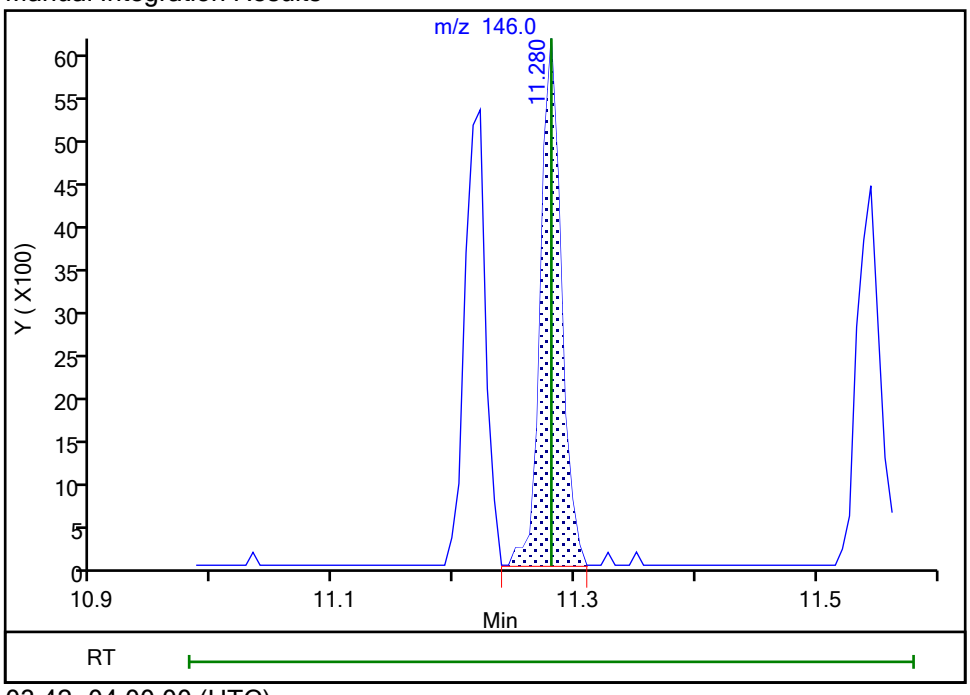
Not Detected
Expected RT: 11.28

Processing Integration Results




Manual Integration Results

RT: 11.28
Area: 7325
Amount: 1.161691
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:03:42 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

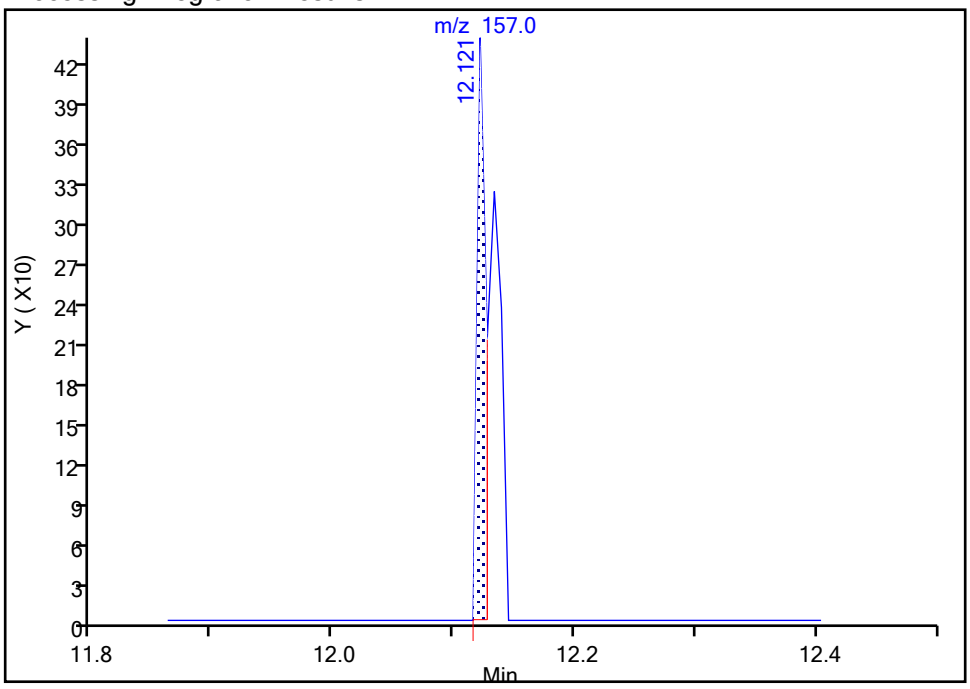
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18533.D
Injection Date: 22-Oct-2024 03:40:30 Instrument ID: CVOAMS1
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 130 1,2-Dibromo-3-Chloropropane, CAS: 96-12-8

Signal: 1

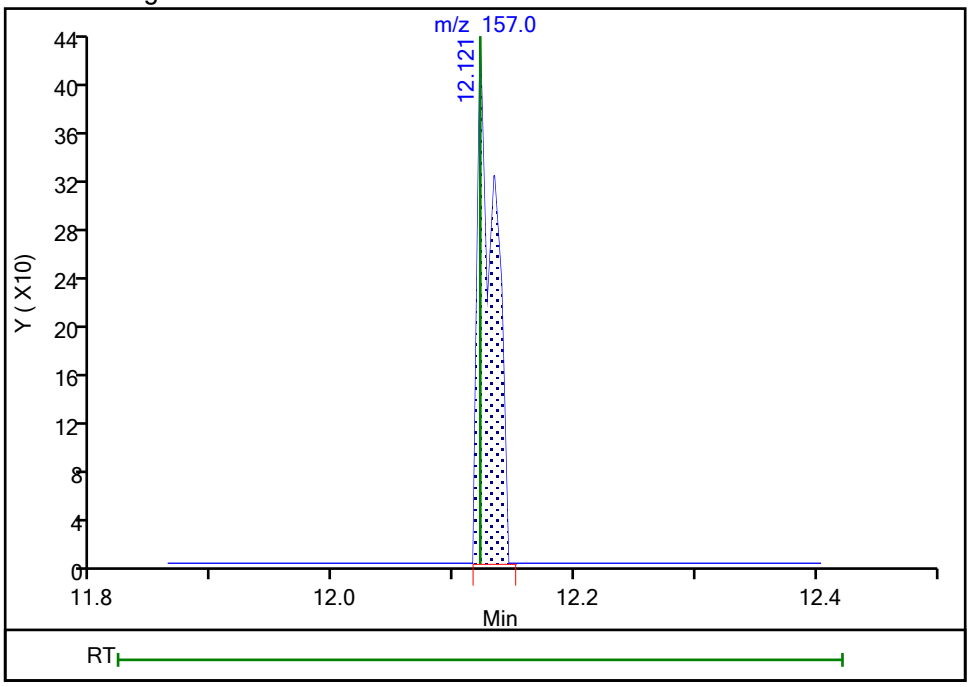
Processing Integration Results

RT: 12.12
Area: 228
Amount: 0.453841
Amount Units: ug/l




Manual Integration Results

RT: 12.12
Area: 424
Amount: 0.850870
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:03:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18534.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Oct-2024 04:05:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0182449-005
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:28:38 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 04:25:59

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.546 | 1.546 | 0.000 | 84 | 2892 | 5.00 | 3.04 | |
| 4 Dichlorodifluoromethane | 85 | 1.575 | 1.575 | 0.000 | 99 | 21637 | 5.00 | 4.55 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 74 | 34957 | 5.00 | 4.88 | |
| 6 Chloromethane | 50 | 1.758 | 1.769 | -0.011 | 99 | 30893 | 5.00 | 4.92 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 21586 | 5.00 | 4.64 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 96 | 22225 | 5.00 | 4.98 | |
| 9 Bromomethane | 94 | 2.116 | 2.110 | 0.006 | 98 | 9396 | 5.00 | 4.52 | |
| 10 Chloroethane | 64 | 2.193 | 2.187 | 0.006 | 99 | 14885 | 5.00 | 5.26 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 98 | 36896 | 5.00 | 4.94 | |
| 12 Trichlorofluoromethane | 101 | 2.358 | 2.357 | 0.001 | 96 | 21140 | 5.00 | 4.50 | |
| 13 Pentane | 72 | 2.405 | 2.399 | 0.006 | 98 | 7129 | 10.0 | 9.81 | |
| 14 Ethanol | 46 | 2.522 | 2.528 | -0.006 | 90 | 2896 | 200.0 | 164.0 | M |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 96 | 16880 | 5.00 | 5.17 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.605 | 2.605 | 0.000 | 82 | 17669 | 5.00 | 5.07 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.610 | 2.610 | 0.000 | 83 | 13011 | 5.00 | 5.26 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 98 | 25243 | 5.00 | 5.22 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.740 | 2.734 | 0.006 | 94 | 15494 | 5.00 | 5.22 | |
| 19 Acrolein | 56 | 2.746 | 2.746 | 0.000 | 80 | 7537 | 20.0 | 17.2 | |
| 21 1,1-Dichloroethene | 96 | 2.787 | 2.781 | 0.006 | 98 | 17535 | 5.00 | 5.40 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 87 | 6488 | 25.0 | 23.6 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 96 | 8140 | 50.0 | 49.5 | |
| 23 Iodomethane | 142 | 2.940 | 2.940 | 0.000 | 98 | 10220 | 5.00 | 2.80 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 67195 | 5.00 | 5.16 | |
| 161 3-Chloro-1-propene | 76 | 3.081 | 3.087 | -0.006 | 92 | 11601 | 5.00 | 5.00 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 81 | 23699 | 10.0 | 10.1 | |
| 166 Cyclopentene | 67 | 3.110 | 3.110 | 0.000 | 92 | 39299 | 5.00 | 4.98 | |
| 29 Acetonitrile | 41 | 3.152 | 3.146 | 0.006 | 36 | 24198 | 50.0 | 49.7 | |
| * 30 TBA-d9 (IS) | 65 | 3.163 | 3.169 | -0.006 | 0 | 214255 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.210 | 3.210 | 0.000 | 97 | 20507 | 5.00 | 5.19 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 87 | 11600 | 50.0 | 51.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.357 | 3.357 | 0.000 | 97 | 42103 | 5.00 | 5.00 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.393 | 3.393 | 0.000 | 98 | 17621 | 5.00 | 5.09 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 98 | 60769 | 50.0 | 54.9 | |
| 36 Hexane | 43 | 3.540 | 3.534 | 0.006 | 95 | 19036 | 5.00 | 5.50 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 60202 | 5.00 | 5.05 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 69 | 34457 | 5.00 | 5.10 | |
| 39 Vinyl acetate | 86 | 3.793 | 3.787 | 0.006 | 99 | 5790 | 10.0 | 9.01 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 15500 | 5.00 | 4.91 | |
| 41 Tert-butyl ethyl ether | 59 | 4.057 | 4.051 | 0.006 | 89 | 50326 | 5.00 | 4.94 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 320780 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.299 | 4.293 | 0.006 | 95 | 5263 | 5.00 | 4.70 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 93 | 19836 | 5.00 | 5.17 | |
| 46 Ethyl acetate | 70 | 4.316 | 4.322 | -0.006 | 92 | 3325 | 10.0 | 10.1 | |
| 45 2-Butanone (MEK) | 72 | 4.334 | 4.328 | 0.006 | 97 | 7959 | 25.0 | 25.4 | |
| 47 Methyl acrylate | 55 | 4.387 | 4.387 | 0.000 | 98 | 13169 | 5.00 | 5.20 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 98 | 21813 | 50.0 | 50.7 | |
| 50 Chlorobromomethane | 128 | 4.557 | 4.551 | 0.006 | 96 | 7369 | 5.00 | 4.76 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 50 | 12286 | 10.0 | 10.6 | |
| 51 Methacrylonitrile | 67 | 4.581 | 4.575 | 0.006 | 93 | 62864 | 50.0 | 52.3 | |
| 52 Chloroform | 83 | 4.599 | 4.599 | 0.000 | 96 | 32471 | 5.00 | 5.49 | |
| 53 Cyclohexane | 56 | 4.746 | 4.746 | 0.000 | 94 | 32485 | 5.00 | 5.13 | |
| 54 1,1,1-Trichloroethane | 97 | 4.763 | 4.763 | 0.000 | 93 | 23561 | 5.00 | 5.11 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 163926 | 50.0 | 51.1 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 95 | 19225 | 5.00 | 5.00 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 96 | 24246 | 5.00 | 5.07 | |
| 58 Isobutyl alcohol | 43 | 5.010 | 5.016 | -0.006 | 96 | 11907 | 125.0 | 113.8 | |
| 59 Isooctane | 57 | 5.093 | 5.087 | 0.006 | 98 | 54968 | 5.00 | 5.17 | |
| 60 Benzene | 78 | 5.140 | 5.134 | 0.006 | 95 | 75839 | 5.00 | 5.28 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.146 | 5.151 | -0.005 | 0 | 186769 | 50.0 | 51.2 | |
| 62 Isopropyl acetate | 61 | 5.163 | 5.163 | 0.000 | 90 | 8991 | 5.00 | 5.13 | |
| 63 Tert-amyl methyl ether | 87 | 5.181 | 5.181 | 0.000 | 83 | 11864 | 5.00 | 4.90 | |
| 64 1,2-Dichloroethane | 62 | 5.234 | 5.234 | 0.000 | 96 | 21085 | 5.00 | 5.19 | |
| 65 n-Heptane | 71 | 5.275 | 5.281 | -0.006 | 92 | 13257 | 5.00 | 5.13 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 99 | 630012 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.751 | 5.746 | 0.005 | 72 | 6699 | 125.0 | 119.1 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 94 | 17750 | 5.00 | 5.13 | |
| 69 Ethyl acrylate | 99 | 5.969 | 5.945 | 0.024 | 93 | 2244 | 5.00 | 5.73 | a |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 87 | 25355 | 5.00 | 4.77 | |
| 71 1,2-Dichloropropane | 63 | 6.146 | 6.145 | 0.001 | 89 | 20452 | 5.00 | 5.13 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.216 | 6.210 | 0.006 | 0 | 26481 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.222 | 6.222 | 0.000 | 92 | 18932 | 10.0 | 9.93 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 29 | 3231 | 100.0 | 111.9 | |
| 74 n-Propyl acetate | 43 | 6.287 | 6.281 | 0.006 | 99 | 20315 | 5.00 | 5.14 | |
| 76 Dibromomethane | 93 | 6.298 | 6.298 | 0.000 | 93 | 9802 | 5.00 | 5.12 | |
| 77 Dichlorobromomethane | 83 | 6.451 | 6.451 | 0.000 | 99 | 21981 | 5.00 | 5.08 | |
| 79 2-Nitropropane | 41 | 6.845 | 6.845 | 0.000 | 96 | 6998 | 10.0 | 10.5 | |
| 80 Epichlorohydrin | 57 | 6.957 | 6.963 | -0.006 | 99 | 19731 | 100.0 | 95.3 | a |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 94 | 26843 | 5.00 | 4.84 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.216 | 7.210 | 0.006 | 98 | 62800 | 25.0 | 26.1 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 650623 | 50.0 | 50.7 | |
| 84 Toluene | 91 | 7.398 | 7.398 | 0.000 | 92 | 75888 | 5.00 | 5.22 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.804 | 7.798 | 0.006 | 97 | 22326 | 5.00 | 4.85 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.840 | 7.834 | 0.006 | 75 | 15399 | 5.00 | 4.54 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 95 | 12481 | 5.00 | 5.00 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 94 | 15246 | 5.00 | 5.15 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 93 | 25132 | 5.00 | 5.17 | |
| 90 2-Hexanone | 58 | 8.439 | 8.434 | 0.005 | 98 | 19990 | 25.0 | 22.1 | |
| 91 n-Butyl acetate | 73 | 8.592 | 8.586 | 0.006 | 97 | 3091 | 5.00 | 4.85 | |
| 92 Chlorodibromomethane | 129 | 8.651 | 8.657 | -0.006 | 97 | 14166 | 5.00 | 5.15 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 96 | 12603 | 5.00 | 5.02 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 453366 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 92 | 42031 | 5.00 | 5.01 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 22780 | 5.00 | 5.18 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 95 | 13829 | 5.00 | 5.10 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 26305 | 5.00 | 4.82 | |
| 99 n-Butyl acrylate | 73 | 9.986 | 9.981 | 0.005 | 56 | 7976 | 5.00 | 4.21 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 94 | 26098 | 5.00 | 5.00 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 93 | 43251 | 5.00 | 4.94 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 90 | 19136 | 5.00 | 4.44 | |
| 103 Bromoform | 173 | 10.204 | 10.198 | 0.006 | 94 | 8253 | 5.00 | 5.15 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 58575 | 5.00 | 4.82 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 85 | 167638 | 50.0 | 50.5 | |
| 107 Bromobenzene | 156 | 10.569 | 10.569 | 0.000 | 95 | 16656 | 5.00 | 4.97 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.592 | 10.592 | 0.000 | 98 | 16739 | 5.00 | 5.00 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 98 | 88638 | 5.00 | 4.96 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 93 | 4490 | 5.00 | 5.36 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.645 | 10.645 | 0.000 | 81 | 4670 | 5.00 | 5.12 | |
| 112 2-Chlorotoluene | 91 | 10.698 | 10.698 | 0.000 | 96 | 60516 | 5.00 | 5.10 | |
| 169 4-Ethyltoluene | 105 | 10.698 | 10.698 | 0.000 | 87 | 67645 | 5.00 | 5.00 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.745 | 10.745 | 0.000 | 93 | 55890 | 5.00 | 4.95 | |
| 115 4-Chlorotoluene | 91 | 10.780 | 10.780 | 0.000 | 98 | 54280 | 5.00 | 5.04 | |
| 114 Butyl Methacrylate | 87 | 10.816 | 10.816 | 0.000 | 91 | 16260 | 5.00 | 4.62 | |
| 116 tert-Butylbenzene | 119 | 10.963 | 10.963 | 0.000 | 93 | 45954 | 5.00 | 4.89 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.004 | 11.010 | -0.006 | 97 | 55270 | 5.00 | 4.89 | |
| 118 sec-Butylbenzene | 134 | 11.110 | 11.110 | 0.000 | 99 | 13190 | 5.00 | 4.83 | |
| 119 4-Isopropyltoluene | 119 | 11.204 | 11.204 | 0.000 | 97 | 57456 | 5.00 | 4.81 | |
| 120 1,3-Dichlorobenzene | 146 | 11.216 | 11.216 | 0.000 | 93 | 32366 | 5.00 | 5.17 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.263 | 11.269 | -0.006 | 97 | 227936 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.280 | 11.280 | 0.000 | 95 | 33301 | 5.00 | 5.15 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.292 | 11.292 | 0.000 | 97 | 59707 | 5.00 | 5.04 | |
| 124 Benzyl chloride | 91 | 11.380 | 11.386 | -0.006 | 98 | 24844 | 5.00 | 4.65 | |
| 162 2,3-Dihydroindene | 117 | 11.428 | 11.433 | -0.005 | 94 | 58060 | 5.00 | 5.06 | |
| 164 p-Diethylbenzene | 119 | 11.457 | 11.463 | -0.006 | 93 | 35723 | 5.00 | 4.80 | |
| 127 n-Butylbenzene | 92 | 11.480 | 11.480 | 0.000 | 97 | 34846 | 5.00 | 5.15 | |
| 128 1,2-Dichlorobenzene | 146 | 11.539 | 11.545 | -0.006 | 94 | 30042 | 5.00 | 5.16 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.016 | 12.016 | 0.000 | 97 | 46028 | 5.00 | 4.48 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.122 | 12.122 | 0.000 | 94 | 2646 | 5.00 | 5.18 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.227 | 12.233 | -0.006 | 94 | 20879 | 5.00 | 4.79 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.769 | 12.769 | 0.000 | 91 | 18604 | 5.00 | 4.97 | |
| 133 Hexachlorobutadiene | 225 | 12.851 | 12.857 | -0.006 | 90 | 8153 | 5.00 | 5.01 | |
| 134 Naphthalene | 128 | 13.016 | 13.022 | -0.006 | 98 | 37120 | 5.00 | 4.72 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.245 | 13.257 | -0.012 | 93 | 16077 | 5.00 | 4.85 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 10.3 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.82 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00608 | Amount Added: | 10.00 | Units: uL | |
| 8260MIX1COMB_00195 | Amount Added: | 10.00 | Units: uL | |
| 524FREONS_00025 | Amount Added: | 10.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:28:38 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18534.D

Injection Date: 22-Oct-2024 04:05:30 Instrument ID: CVOAMS1 Operator ID:

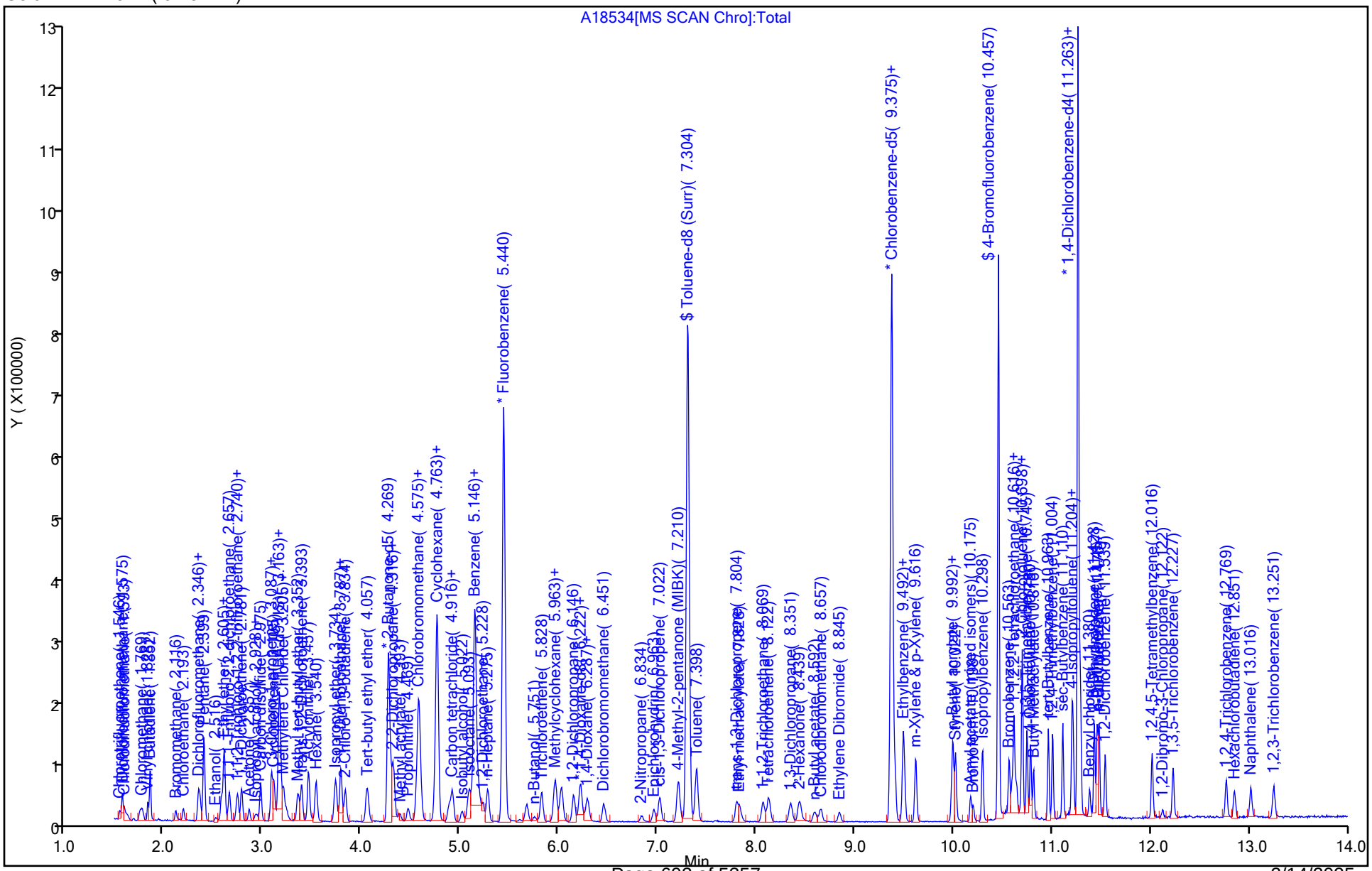
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

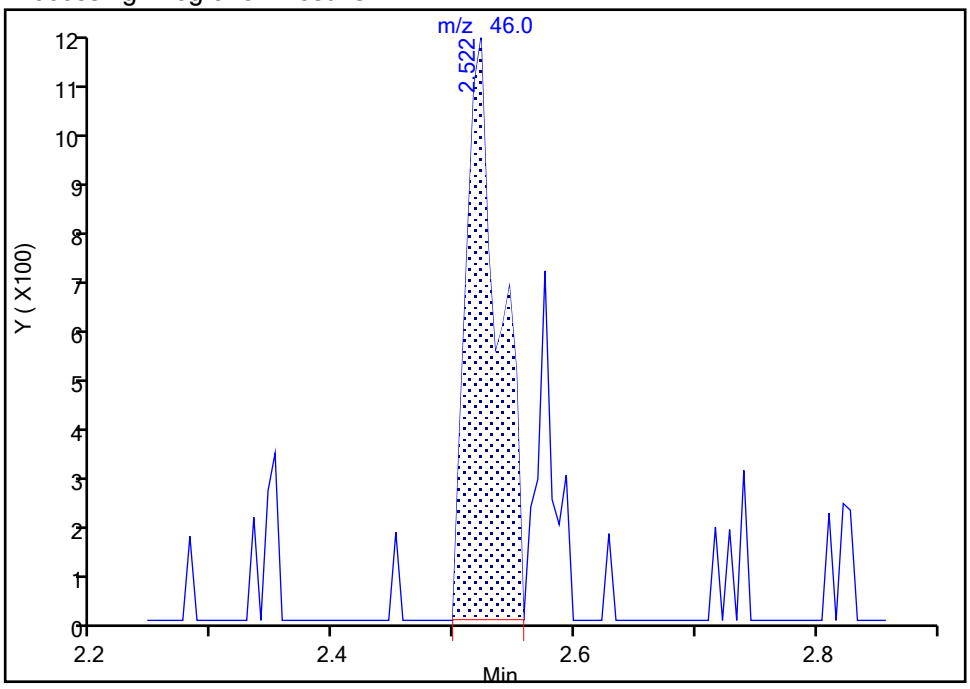
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18534.D
Injection Date: 22-Oct-2024 04:05:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 14 Ethanol, CAS: 64-17-5

Signal: 1

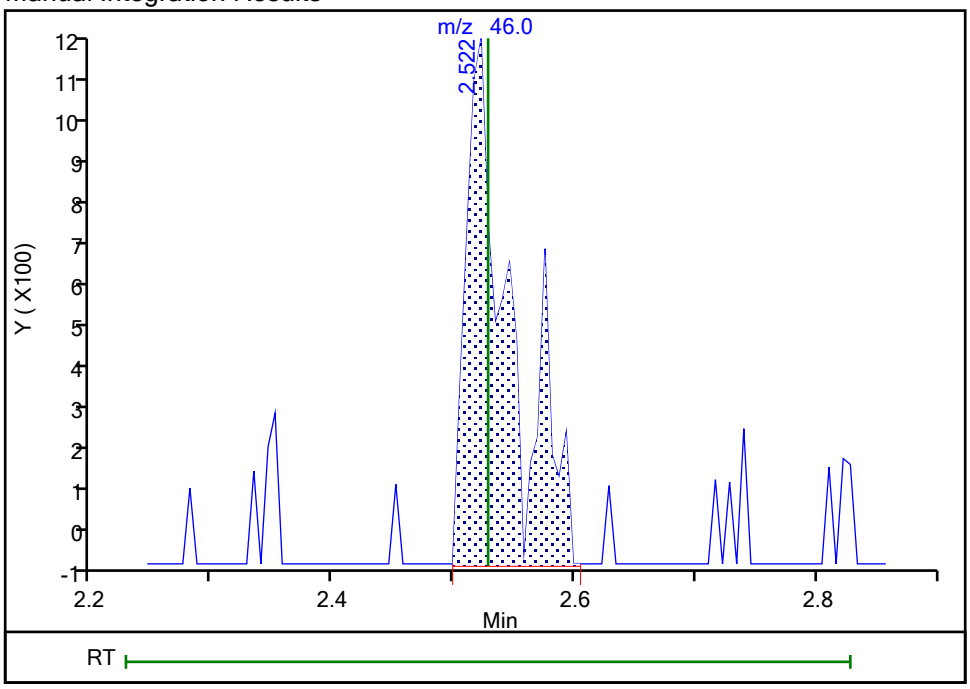
Processing Integration Results

RT: 2.52
Area: 2208
Amount: 129.2522
Amount Units: ug/l




Manual Integration Results

RT: 2.52
Area: 2896
Amount: 164.0216
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:22:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

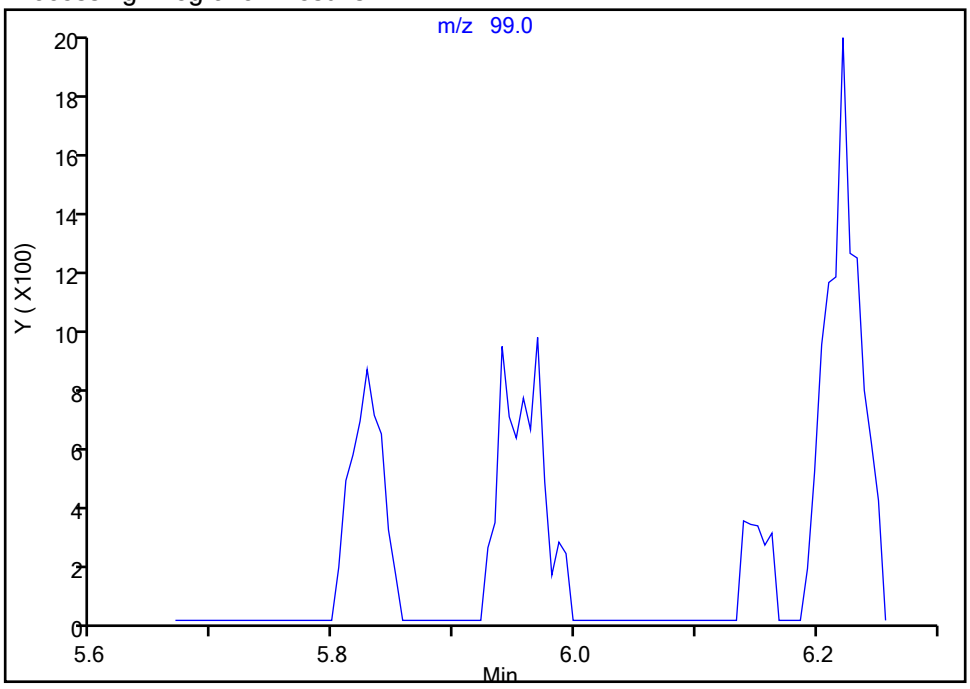
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18534.D
Injection Date: 22-Oct-2024 04:05:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 69 Ethyl acrylate, CAS: 140-88-5

Signal: 1

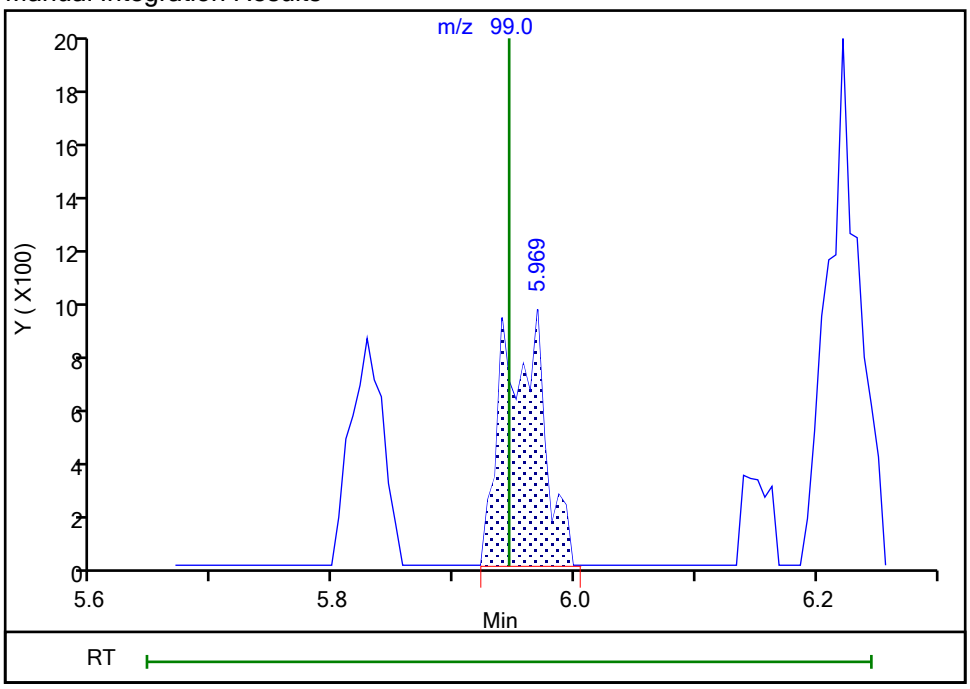
Not Detected
Expected RT: 5.95

Processing Integration Results




Manual Integration Results

RT: 5.97
Area: 2244
Amount: 5.733365
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:05:02 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

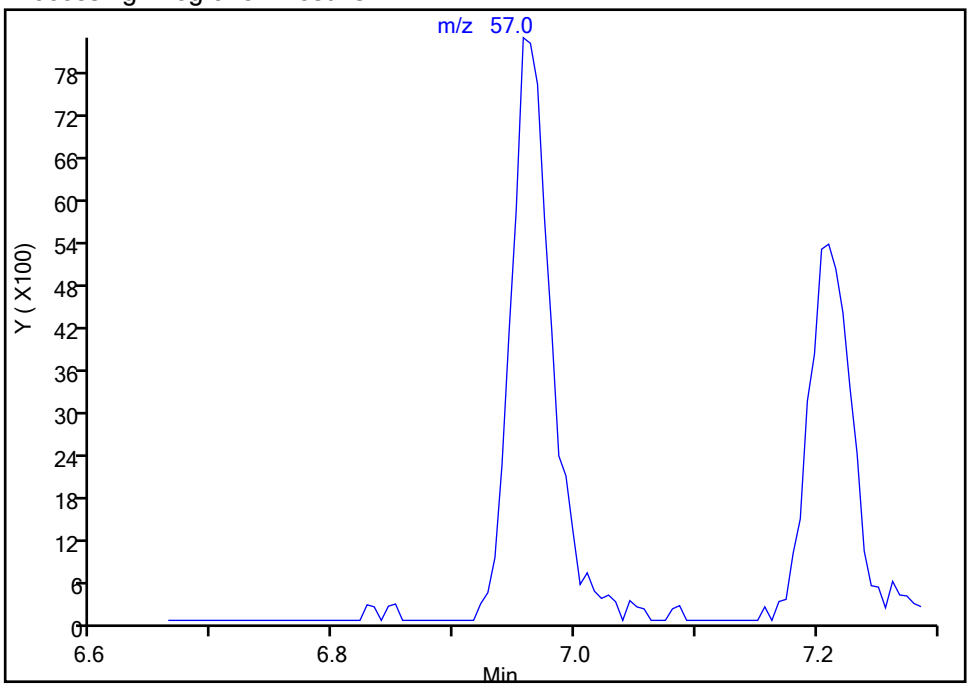
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18534.D
Injection Date: 22-Oct-2024 04:05:30 Instrument ID: CVOAMS1
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

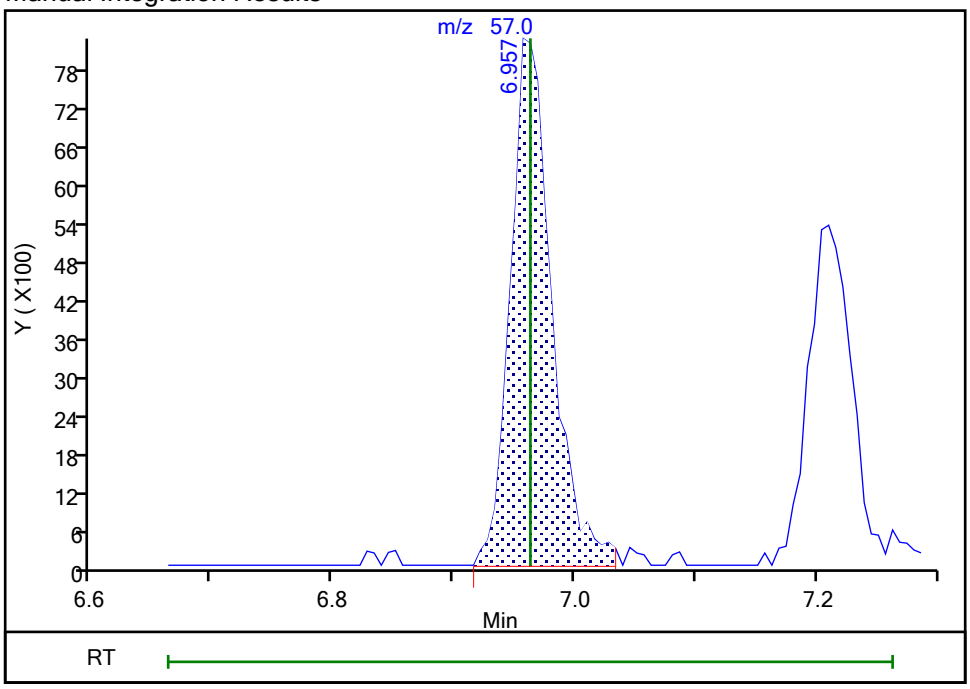
Not Detected
Expected RT: 6.96

Processing Integration Results




Manual Integration Results

RT: 6.96
Area: 19731
Amount: 95.309616
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:05:10 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18535.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Oct-2024 04:31:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0182449-006
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:28:54 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 05:04:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.546 | 1.546 | 0.000 | 94 | 9380 | 20.0 | 9.96 | |
| 4 Dichlorodifluoromethane | 85 | 1.575 | 1.575 | 0.000 | 99 | 86565 | 20.0 | 18.4 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 97 | 128812 | 20.0 | 18.2 | |
| 6 Chloromethane | 50 | 1.769 | 1.769 | 0.000 | 99 | 118448 | 20.0 | 19.1 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 89895 | 20.0 | 19.6 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 97 | 81922 | 20.0 | 18.6 | |
| 9 Bromomethane | 94 | 2.110 | 2.110 | 0.000 | 97 | 40345 | 20.0 | 19.7 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 100 | 55151 | 20.0 | 19.7 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 145835 | 20.0 | 19.8 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 98 | 88446 | 20.0 | 19.0 | |
| 13 Pentane | 72 | 2.399 | 2.399 | 0.000 | 96 | 26407 | 40.0 | 36.3 | |
| 14 Ethanol | 46 | 2.528 | 2.528 | 0.000 | 98 | 13652 | 800.0 | 773.2 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 94 | 61180 | 20.0 | 19.0 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.605 | 2.605 | 0.000 | 93 | 66290 | 20.0 | 19.3 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.610 | 2.610 | 0.000 | 84 | 46292 | 20.0 | 19.0 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 97 | 89449 | 20.0 | 18.7 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 96 | 57053 | 20.0 | 19.5 | |
| 19 Acrolein | 56 | 2.746 | 2.746 | 0.000 | 56 | 16224 | 40.0 | 37.1 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 96 | 61212 | 20.0 | 19.1 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 87 | 25482 | 100.0 | 92.5 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 99 | 31222 | 200.0 | 189.8 | |
| 23 Iodomethane | 142 | 2.940 | 2.940 | 0.000 | 98 | 48219 | 20.0 | 13.4 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 250289 | 20.0 | 19.5 | |
| 161 3-Chloro-1-propene | 76 | 3.087 | 3.087 | 0.000 | 95 | 42938 | 20.0 | 18.7 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 98 | 89701 | 40.0 | 38.4 | |
| 166 Cyclopentene | 67 | 3.110 | 3.110 | 0.000 | 92 | 153196 | 20.0 | 19.6 | |
| 29 Acetonitrile | 41 | 3.146 | 3.146 | 0.000 | 98 | 90100 | 200.0 | 184.9 | |
| * 30 TBA-d9 (IS) | 65 | 3.169 | 3.169 | 0.000 | 0 | 214260 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.210 | 3.210 | 0.000 | 96 | 78089 | 20.0 | 20.0 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 98 | 43542 | 200.0 | 194.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.357 | 3.357 | 0.000 | 98 | 164710 | 20.0 | 19.8 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.393 | 3.393 | 0.000 | 97 | 68463 | 20.0 | 20.0 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 95 | 228226 | 200.0 | 208.9 | |
| 36 Hexane | 43 | 3.534 | 3.534 | 0.000 | 94 | 68800 | 20.0 | 20.1 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 98 | 236902 | 20.0 | 20.1 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 65 | 136882 | 20.0 | 20.5 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 26449 | 40.0 | 41.2 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 60657 | 20.0 | 19.4 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 89 | 198498 | 20.0 | 19.7 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 320797 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 97 | 21481 | 20.0 | 19.4 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 92 | 73945 | 20.0 | 19.5 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 93 | 12998 | 40.0 | 39.4 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 96 | 31927 | 100.0 | 101.9 | |
| 47 Methyl acrylate | 55 | 4.387 | 4.387 | 0.000 | 99 | 51976 | 20.0 | 20.8 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 99 | 83880 | 200.0 | 195.1 | |
| 50 Chlorobromomethane | 128 | 4.551 | 4.551 | 0.000 | 99 | 32440 | 20.0 | 21.2 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 56 | 46620 | 40.0 | 40.2 | |
| 51 Methacrylonitrile | 67 | 4.575 | 4.575 | 0.000 | 93 | 257108 | 200.0 | 216.7 | |
| 52 Chloroform | 83 | 4.599 | 4.599 | 0.000 | 98 | 117265 | 20.0 | 20.1 | |
| 53 Cyclohexane | 56 | 4.746 | 4.746 | 0.000 | 94 | 119194 | 20.0 | 19.0 | |
| 54 1,1,1-Trichloroethane | 97 | 4.763 | 4.763 | 0.000 | 94 | 87376 | 20.0 | 19.2 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 161905 | 50.0 | 51.1 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 98 | 72165 | 20.0 | 19.0 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 97 | 94298 | 20.0 | 20.0 | |
| 58 Isobutyl alcohol | 43 | 5.016 | 5.016 | 0.000 | 97 | 49220 | 500.0 | 470.6 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | 0.000 | 99 | 204003 | 20.0 | 19.4 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 95 | 293362 | 20.0 | 20.2 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.151 | 5.151 | 0.000 | 0 | 187361 | 50.0 | 52.0 | |
| 62 Isopropyl acetate | 61 | 5.163 | 5.163 | 0.000 | 98 | 25886 | 20.0 | 20.2 | |
| 63 Tert-amyl methyl ether | 87 | 5.181 | 5.181 | 0.000 | 96 | 48797 | 20.0 | 20.4 | |
| 64 1,2-Dichloroethane | 62 | 5.234 | 5.234 | 0.000 | 95 | 81012 | 20.0 | 20.2 | |
| 65 n-Heptane | 71 | 5.281 | 5.281 | 0.000 | 95 | 51033 | 20.0 | 20.0 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 622344 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.746 | 5.746 | 0.000 | 88 | 28395 | 500.0 | 457.9 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 97 | 67147 | 20.0 | 19.6 | |
| 69 Ethyl acrylate | 99 | 5.945 | 5.945 | 0.000 | 93 | 8178 | 20.0 | 18.9 | |
| 70 Methylcyclohexane | 83 | 5.969 | 5.969 | 0.000 | 90 | 102378 | 20.0 | 19.5 | |
| 71 1,2-Dichloropropane | 63 | 6.145 | 6.145 | 0.000 | 91 | 77395 | 20.0 | 19.6 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.210 | 6.210 | 0.000 | 0 | 28065 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 91 | 78441 | 40.0 | 41.7 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 29 | 12571 | 400.0 | 410.8 | |
| 74 n-Propyl acetate | 43 | 6.281 | 6.281 | 0.000 | 99 | 81821 | 20.0 | 21.0 | |
| 76 Dibromomethane | 93 | 6.298 | 6.298 | 0.000 | 94 | 38295 | 20.0 | 20.2 | |
| 77 Dichlorobromomethane | 83 | 6.451 | 6.451 | 0.000 | 99 | 84730 | 20.0 | 19.8 | |
| 79 2-Nitropropane | 41 | 6.845 | 6.845 | 0.000 | 98 | 24606 | 40.0 | 37.5 | |
| 80 Epichlorohydrin | 57 | 6.963 | 6.963 | 0.000 | 99 | 83114 | 400.0 | 401.5 | |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 93 | 109212 | 20.0 | 19.4 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 97 | 253190 | 100.0 | 105.1 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 649242 | 50.0 | 50.0 | |
| 84 Toluene | 91 | 7.398 | 7.398 | 0.000 | 93 | 278542 | 20.0 | 18.9 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.798 | 7.798 | 0.000 | 97 | 89364 | 20.0 | 19.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.834 | 7.834 | 0.000 | 91 | 68169 | 20.0 | 18.9 | |
| 87 1,1,2-Trichloroethane | 83 | 8.069 | 8.069 | 0.000 | 95 | 51717 | 20.0 | 20.5 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 93 | 58084 | 20.0 | 19.4 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 94 | 99224 | 20.0 | 20.2 | |
| 90 2-Hexanone | 58 | 8.439 | 8.434 | 0.005 | 97 | 88905 | 100.0 | 98.3 | |
| 91 n-Butyl acetate | 73 | 8.586 | 8.586 | 0.000 | 99 | 12522 | 20.0 | 19.4 | |
| 92 Chlorodibromomethane | 129 | 8.657 | 8.657 | 0.000 | 98 | 56086 | 20.0 | 20.2 | |
| 93 Ethylene Dibromide | 107 | 8.839 | 8.839 | 0.000 | 100 | 49487 | 20.0 | 19.5 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 458739 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 93 | 166538 | 20.0 | 19.6 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 88003 | 20.0 | 19.8 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 95 | 54107 | 20.0 | 19.7 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 107000 | 20.0 | 19.4 | |
| 99 n-Butyl acrylate | 73 | 9.981 | 9.981 | 0.000 | 96 | 36356 | 20.0 | 19.0 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 105476 | 20.0 | 20.0 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 95 | 182425 | 20.0 | 20.6 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 90 | 90195 | 20.0 | 21.1 | |
| 103 Bromoform | 173 | 10.198 | 10.198 | 0.000 | 94 | 31729 | 20.0 | 19.6 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 240045 | 20.0 | 19.5 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 84 | 166223 | 50.0 | 49.5 | |
| 107 Bromobenzene | 156 | 10.569 | 10.569 | 0.000 | 96 | 63754 | 20.0 | 19.1 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.592 | 10.592 | 0.000 | 98 | 66520 | 20.0 | 20.0 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 98 | 341895 | 20.0 | 19.2 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 99 | 17265 | 20.0 | 20.7 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.645 | 10.645 | 0.000 | 88 | 18323 | 20.0 | 20.2 | |
| 112 2-Chlorotoluene | 91 | 10.698 | 10.698 | 0.000 | 95 | 235755 | 20.0 | 20.0 | |
| 169 4-Ethyltoluene | 105 | 10.698 | 10.698 | 0.000 | 88 | 266714 | 20.0 | 19.8 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.745 | 10.745 | 0.000 | 93 | 219293 | 20.0 | 19.5 | |
| 115 4-Chlorotoluene | 91 | 10.780 | 10.780 | 0.000 | 98 | 207685 | 20.0 | 19.4 | |
| 114 Butyl Methacrylate | 87 | 10.816 | 10.816 | 0.000 | 91 | 70161 | 20.0 | 20.0 | |
| 116 tert-Butylbenzene | 119 | 10.963 | 10.963 | 0.000 | 93 | 180333 | 20.0 | 19.3 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.010 | 11.010 | 0.000 | 98 | 223297 | 20.0 | 19.9 | |
| 118 sec-Butylbenzene | 134 | 11.110 | 11.110 | 0.000 | 99 | 52627 | 20.0 | 19.4 | |
| 119 4-Isopropyltoluene | 119 | 11.204 | 11.204 | 0.000 | 97 | 235419 | 20.0 | 19.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.216 | 11.216 | 0.000 | 94 | 122469 | 20.0 | 19.7 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.269 | 11.269 | 0.000 | 96 | 226706 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.280 | 11.280 | 0.000 | 95 | 123586 | 20.0 | 19.2 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.292 | 11.292 | 0.000 | 99 | 232614 | 20.0 | 19.7 | |
| 124 Benzyl chloride | 91 | 11.386 | 11.386 | 0.000 | 98 | 102003 | 20.0 | 19.2 | |
| 162 2,3-Dihydroindene | 117 | 11.433 | 11.433 | 0.000 | 94 | 224239 | 20.0 | 19.6 | |
| 164 p-Diethylbenzene | 119 | 11.463 | 11.463 | 0.000 | 90 | 141531 | 20.0 | 19.1 | |
| 127 n-Butylbenzene | 92 | 11.480 | 11.480 | 0.000 | 97 | 131114 | 20.0 | 19.5 | |
| 128 1,2-Dichlorobenzene | 146 | 11.545 | 11.545 | 0.000 | 94 | 112185 | 20.0 | 19.4 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.016 | 12.016 | 0.000 | 97 | 191899 | 20.0 | 18.8 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.122 | 12.122 | 0.000 | 94 | 9766 | 20.0 | 19.2 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.233 | 12.233 | 0.000 | 95 | 81466 | 20.0 | 18.8 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.769 | 12.769 | 0.000 | 93 | 71754 | 20.0 | 19.3 | |
| 133 Hexachlorobutadiene | 225 | 12.857 | 12.857 | 0.000 | 93 | 29046 | 20.0 | 18.0 | |
| 134 Naphthalene | 128 | 13.022 | 13.022 | 0.000 | 99 | 147554 | 20.0 | 18.9 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.257 | 13.257 | 0.000 | 95 | 63894 | 20.0 | 19.4 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.5 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.3 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00195 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00025 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00608 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:28:55 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18535.D

Injection Date: 22-Oct-2024 04:31:30 Instrument ID: CVOAMS1 Operator ID:

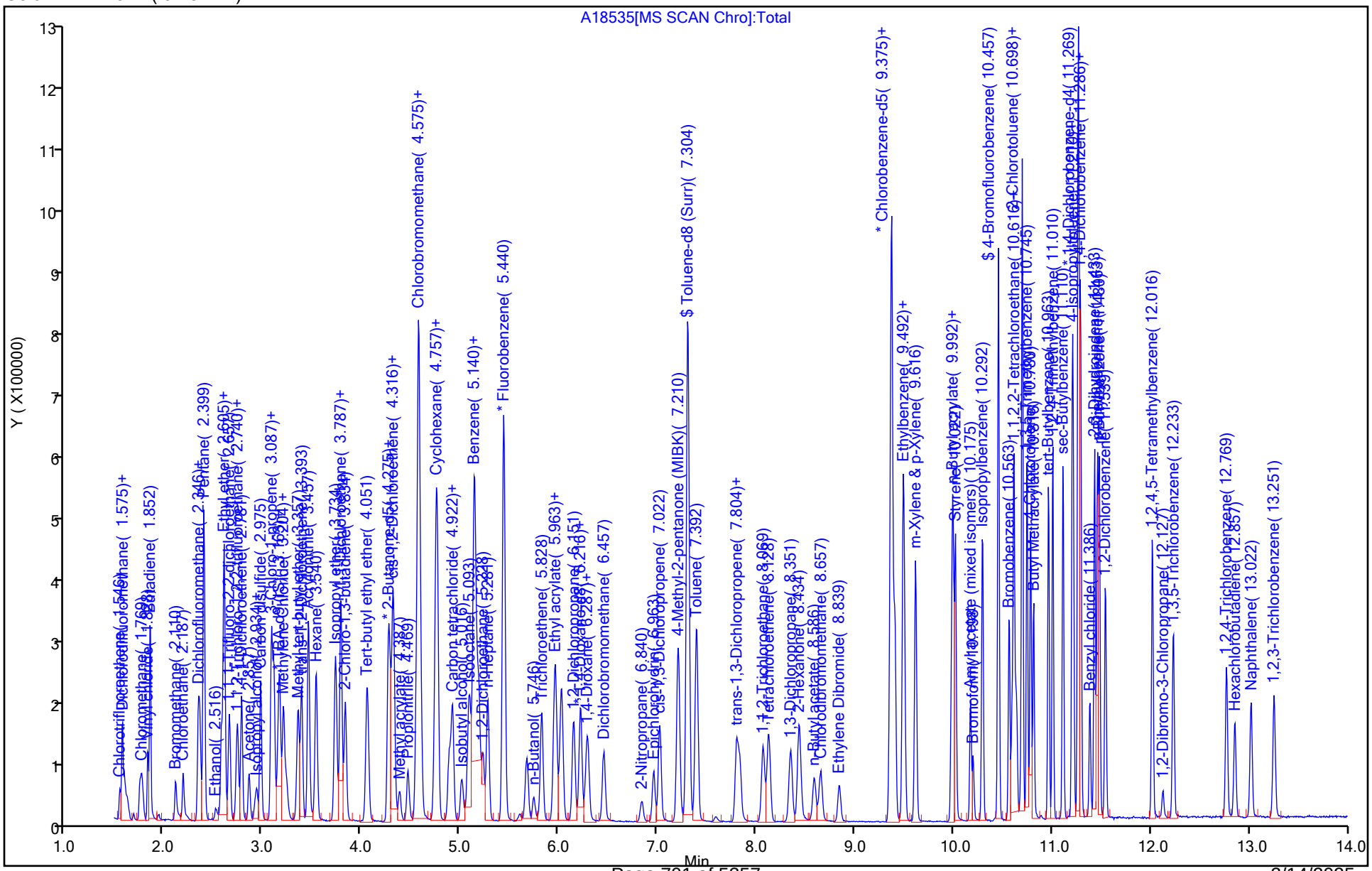
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18536.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Oct-2024 04:56:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0182449-007
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:29:11 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 05:17:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.540 | 1.546 | -0.006 | 96 | 26881 | 50.0 | 28.7 | |
| 4 Dichlorodifluoromethane | 85 | 1.569 | 1.575 | -0.006 | 99 | 227106 | 50.0 | 48.8 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 93 | 329050 | 50.0 | 47.0 | |
| 6 Chloromethane | 50 | 1.763 | 1.769 | -0.006 | 99 | 293042 | 50.0 | 47.7 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 226279 | 50.0 | 49.7 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 97 | 214958 | 50.0 | 49.2 | |
| 9 Bromomethane | 94 | 2.110 | 2.110 | 0.000 | 99 | 100453 | 50.0 | 49.4 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 99 | 138355 | 50.0 | 49.9 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 354703 | 50.0 | 48.5 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 99 | 230224 | 50.0 | 50.0 | |
| 13 Pentane | 72 | 2.399 | 2.399 | 0.000 | 97 | 73211 | 100.0 | 119.3 | |
| 14 Ethanol | 46 | 2.522 | 2.528 | -0.006 | 98 | 31319 | 2000.0 | 2101.7 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 96 | 149517 | 50.0 | 46.8 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.599 | 2.605 | -0.006 | 97 | 174304 | 50.0 | 51.1 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.605 | 2.610 | -0.006 | 94 | 116111 | 50.0 | 48.0 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 97 | 221622 | 50.0 | 46.8 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 94 | 151053 | 50.0 | 52.0 | |
| 19 Acrolein | 56 | 2.746 | 2.746 | 0.000 | 95 | 38242 | 100.0 | 103.5 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 98 | 154962 | 50.0 | 48.7 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 88 | 56973 | 250.0 | 229.7 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 99 | 67081 | 500.0 | 483.3 | |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 98 | 148468 | 50.0 | 41.4 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 634051 | 50.0 | 49.8 | |
| 161 3-Chloro-1-propene | 76 | 3.081 | 3.087 | -0.006 | 97 | 109283 | 50.0 | 48.1 | |
| 27 Methyl acetate | 43 | 3.081 | 3.087 | -0.006 | 81 | 204882 | 100.0 | 103.9 | |
| 166 Cyclopentene | 67 | 3.104 | 3.110 | -0.006 | 94 | 402720 | 50.0 | 52.1 | |
| 29 Acetonitrile | 41 | 3.146 | 3.146 | 0.000 | 99 | 210064 | 500.0 | 510.8 | |
| * 30 TBA-d9 (IS) | 65 | 3.169 | 3.169 | 0.000 | 0 | 180829 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.204 | 3.210 | -0.006 | 96 | 189374 | 50.0 | 49.0 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 98 | 93861 | 500.0 | 496.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.352 | 3.357 | -0.005 | 99 | 396584 | 50.0 | 48.1 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.387 | 3.393 | -0.006 | 97 | 173910 | 50.0 | 51.3 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 96 | 540278 | 500.0 | 499.0 | |
| 36 Hexane | 43 | 3.534 | 3.534 | 0.000 | 94 | 181285 | 50.0 | 53.5 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 586821 | 50.0 | 50.3 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 64 | 329995 | 50.0 | 49.9 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 62446 | 100.0 | 115.1 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 156413 | 50.0 | 50.6 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 89 | 483435 | 50.0 | 48.5 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 288766 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 94 | 54857 | 50.0 | 50.0 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.310 | 4.316 | -0.006 | 92 | 181752 | 50.0 | 48.4 | |
| 46 Ethyl acetate | 70 | 4.316 | 4.322 | -0.006 | 93 | 29742 | 100.0 | 100.1 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 96 | 69179 | 250.0 | 245.3 | |
| 47 Methyl acrylate | 55 | 4.381 | 4.387 | -0.006 | 99 | 123305 | 50.0 | 49.8 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 99 | 191445 | 500.0 | 527.5 | |
| 50 Chlorobromomethane | 128 | 4.551 | 4.551 | 0.000 | 98 | 75252 | 50.0 | 49.6 | |
| 49 Tetrahydrofuran | 42 | 4.563 | 4.557 | 0.006 | 86 | 108329 | 100.0 | 103.8 | |
| 51 Methacrylonitrile | 67 | 4.575 | 4.575 | 0.000 | 92 | 595822 | 500.0 | 506.7 | |
| 52 Chloroform | 83 | 4.598 | 4.599 | -0.001 | 99 | 282660 | 50.0 | 48.9 | |
| 53 Cyclohexane | 56 | 4.746 | 4.746 | 0.000 | 94 | 325197 | 50.0 | 52.4 | |
| 54 1,1,1-Trichloroethane | 97 | 4.763 | 4.763 | 0.000 | 98 | 218071 | 50.0 | 48.3 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 155276 | 50.0 | 49.5 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 98 | 183933 | 50.0 | 48.9 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 97 | 233834 | 50.0 | 49.9 | |
| 58 Isobutyl alcohol | 43 | 5.010 | 5.016 | -0.006 | 95 | 113621 | 1250.0 | 1287.1 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | 0.000 | 99 | 568120 | 50.0 | 54.6 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 97 | 718539 | 50.0 | 50.1 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.146 | 5.151 | -0.005 | 0 | 176781 | 50.0 | 49.5 | |
| 62 Isopropyl acetate | 61 | 5.163 | 5.163 | 0.000 | 98 | 56291 | 50.0 | 47.6 | |
| 63 Tert-amyl methyl ether | 87 | 5.181 | 5.181 | 0.000 | 97 | 117353 | 50.0 | 49.5 | |
| 64 1,2-Dichloroethane | 62 | 5.228 | 5.234 | -0.006 | 95 | 190200 | 50.0 | 47.8 | |
| 65 n-Heptane | 71 | 5.275 | 5.281 | -0.006 | 95 | 137819 | 50.0 | 54.4 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 616714 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.740 | 5.746 | -0.006 | 89 | 67908 | 1250.0 | 1270.9 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 98 | 164237 | 50.0 | 48.5 | |
| 69 Ethyl acrylate | 99 | 5.951 | 5.945 | 0.006 | 98 | 21653 | 50.0 | 49.0 | |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 91 | 278686 | 50.0 | 53.5 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 93 | 189633 | 50.0 | 48.6 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.210 | 6.210 | 0.000 | 0 | 26020 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 90 | 185029 | 100.0 | 99.2 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 27 | 26453 | 1000.0 | 932.5 | |
| 74 n-Propyl acetate | 43 | 6.275 | 6.281 | -0.006 | 99 | 189870 | 50.0 | 49.1 | |
| 76 Dibromomethane | 93 | 6.293 | 6.298 | -0.006 | 94 | 93053 | 50.0 | 49.6 | |
| 77 Dichlorobromomethane | 83 | 6.457 | 6.451 | 0.006 | 99 | 205096 | 50.0 | 48.4 | |
| 79 2-Nitropropane | 41 | 6.840 | 6.845 | -0.005 | 99 | 57612 | 100.0 | 88.6 | |
| 80 Epichlorohydrin | 57 | 6.957 | 6.963 | -0.006 | 99 | 192191 | 1000.0 | 1031.3 | |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 94 | 276306 | 50.0 | 49.9 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.204 | 7.210 | -0.006 | 97 | 597637 | 250.0 | 275.5 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 639478 | 50.0 | 49.9 | |
| 84 Toluene | 91 | 7.392 | 7.398 | -0.006 | 93 | 701833 | 50.0 | 48.4 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.798 | 7.798 | 0.000 | 96 | 225657 | 50.0 | 49.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.834 | 7.834 | 0.000 | 90 | 171335 | 50.0 | 47.2 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 96 | 122658 | 50.0 | 49.2 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 94 | 147336 | 50.0 | 49.8 | |
| 89 1,3-Dichloropropane | 76 | 8.345 | 8.351 | -0.006 | 94 | 240149 | 50.0 | 49.5 | |
| 90 2-Hexanone | 58 | 8.434 | 8.434 | 0.000 | 98 | 210958 | 250.0 | 259.0 | |
| 91 n-Butyl acetate | 73 | 8.592 | 8.586 | 0.006 | 99 | 29980 | 50.0 | 47.1 | |
| 92 Chlorodibromomethane | 129 | 8.651 | 8.657 | -0.006 | 99 | 137304 | 50.0 | 50.1 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 96 | 121810 | 50.0 | 48.6 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 87 | 452490 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 92 | 416135 | 50.0 | 49.7 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 224181 | 50.0 | 51.1 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 95 | 137159 | 50.0 | 50.7 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 275228 | 50.0 | 50.5 | |
| 99 n-Butyl acrylate | 73 | 9.981 | 9.981 | -0.001 | 96 | 93662 | 50.0 | 49.6 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 269659 | 50.0 | 51.8 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 95 | 451055 | 50.0 | 51.6 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 90 | 216791 | 50.0 | 51.7 | |
| 103 Bromoform | 173 | 10.198 | 10.198 | 0.000 | 95 | 79634 | 50.0 | 49.8 | |
| 104 Isopropylbenzene | 105 | 10.292 | 10.298 | -0.006 | 96 | 627991 | 50.0 | 51.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 84 | 166009 | 50.0 | 50.1 | |
| 107 Bromobenzene | 156 | 10.563 | 10.569 | -0.006 | 95 | 155138 | 50.0 | 47.5 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.592 | 10.592 | 0.000 | 99 | 156722 | 50.0 | 48.1 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 98 | 879645 | 50.0 | 50.5 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 97 | 37929 | 50.0 | 46.4 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.645 | 10.645 | 0.000 | 87 | 42320 | 50.0 | 47.6 | |
| 112 2-Chlorotoluene | 91 | 10.698 | 10.698 | 0.000 | 94 | 571334 | 50.0 | 49.4 | |
| 169 4-Ethyltoluene | 105 | 10.698 | 10.698 | 0.000 | 90 | 678600 | 50.0 | 51.5 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.745 | 10.745 | 0.000 | 93 | 568664 | 50.0 | 51.7 | |
| 115 4-Chlorotoluene | 91 | 10.786 | 10.780 | 0.006 | 98 | 521124 | 50.0 | 49.6 | |
| 114 Butyl Methacrylate | 87 | 10.816 | 10.816 | 0.000 | 91 | 178742 | 50.0 | 52.1 | |
| 116 tert-Butylbenzene | 119 | 10.969 | 10.963 | 0.006 | 93 | 467649 | 50.0 | 51.1 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.010 | 11.010 | 0.000 | 98 | 577292 | 50.0 | 52.4 | |
| 118 sec-Butylbenzene | 134 | 11.116 | 11.110 | 0.006 | 99 | 136012 | 50.0 | 51.1 | |
| 119 4-Isopropyltoluene | 119 | 11.210 | 11.204 | 0.006 | 97 | 600514 | 50.0 | 51.6 | |
| 120 1,3-Dichlorobenzene | 146 | 11.222 | 11.216 | 0.006 | 96 | 304973 | 50.0 | 50.0 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.269 | 11.269 | 0.000 | 96 | 222092 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.286 | 11.280 | 0.006 | 92 | 304466 | 50.0 | 48.3 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.292 | 11.292 | 0.000 | 99 | 591478 | 50.0 | 51.2 | |
| 124 Benzyl chloride | 91 | 11.386 | 11.386 | 0.000 | 98 | 256196 | 50.0 | 49.2 | |
| 162 2,3-Dihydroindene | 117 | 11.433 | 11.433 | 0.000 | 94 | 570461 | 50.0 | 51.0 | |
| 164 p-Diethylbenzene | 119 | 11.463 | 11.463 | 0.000 | 93 | 366100 | 50.0 | 50.5 | |
| 127 n-Butylbenzene | 92 | 11.480 | 11.480 | 0.000 | 96 | 330204 | 50.0 | 50.1 | |
| 128 1,2-Dichlorobenzene | 146 | 11.545 | 11.545 | 0.000 | 95 | 280564 | 50.0 | 49.5 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.022 | 12.016 | 0.006 | 97 | 511323 | 50.0 | 51.0 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.127 | 12.122 | 0.005 | 97 | 23953 | 50.0 | 48.1 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.233 | 12.233 | 0.000 | 96 | 204083 | 50.0 | 48.0 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.774 | 12.769 | 0.005 | 94 | 176528 | 50.0 | 48.4 | |
| 133 Hexachlorobutadiene | 225 | 12.857 | 12.857 | 0.000 | 93 | 72628 | 50.0 | 45.8 | |
| 134 Naphthalene | 128 | 13.021 | 13.022 | -0.001 | 99 | 359844 | 50.0 | 46.9 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.257 | 13.257 | 0.000 | 95 | 155960 | 50.0 | 48.3 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 99.7 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 100.0 | 102.3 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00195 | Amount Added: | 50.00 | Units: uL | |
| 524FREONS_00025 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00608 | Amount Added: | 50.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:29:11 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18536.D

Injection Date: 22-Oct-2024 04:56:30 Instrument ID: CVOAMS1 Operator ID:

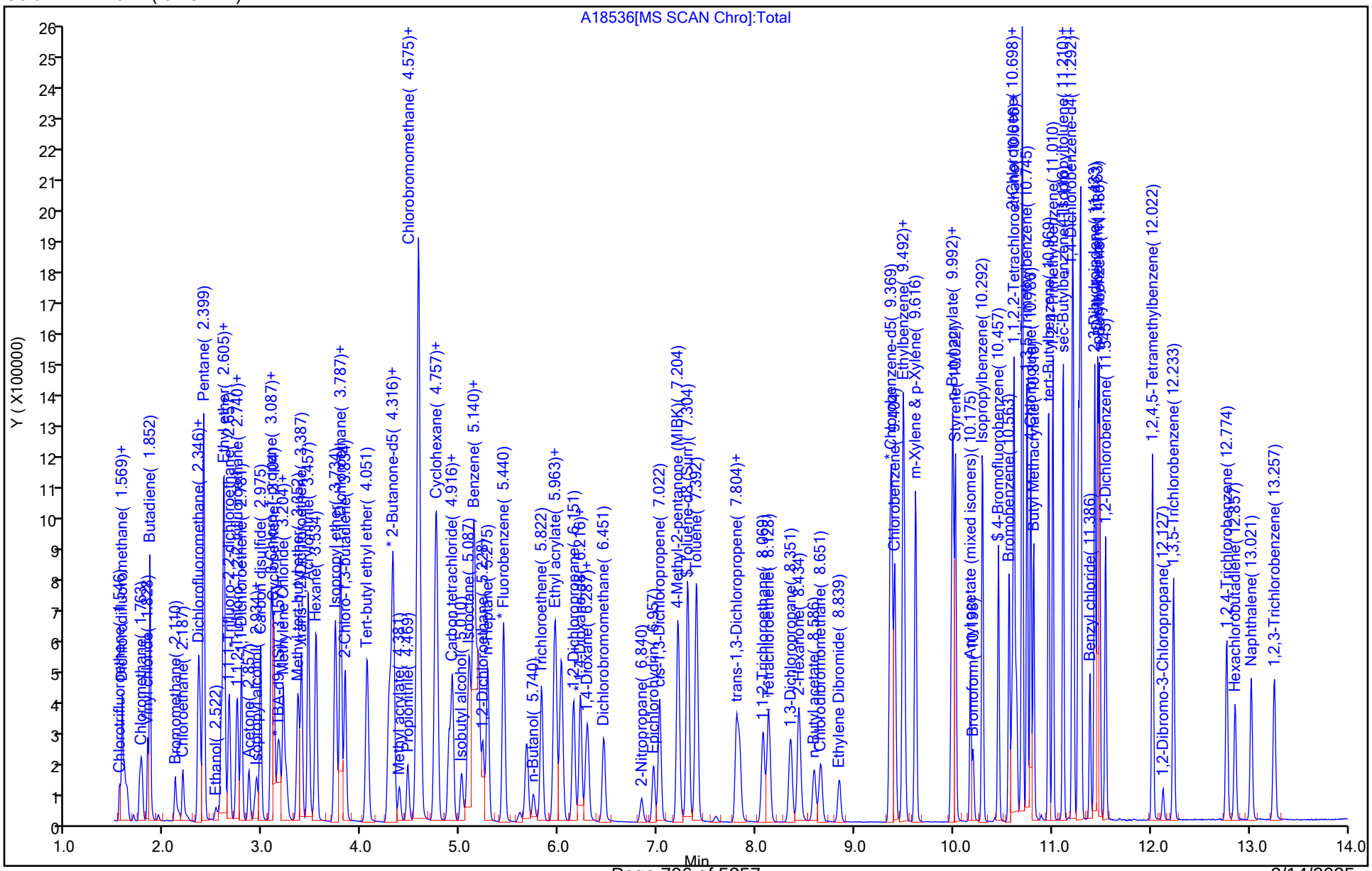
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18537.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Oct-2024 05:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0182449-008
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:29:26 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: KG2Q Date: 22-Oct-2024 07:14:37

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.540 | 1.546 | -0.006 | 96 | 198469 | 200.0 | 208.9 | |
| 4 Dichlorodifluoromethane | 85 | 1.569 | 1.575 | -0.006 | 99 | 1059221 | 200.0 | 235.7 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 97 | 1631737 | 200.0 | 241.1 | |
| 6 Chloromethane | 50 | 1.763 | 1.769 | -0.006 | 99 | 1189807 | 200.0 | 200.3 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 913524 | 200.0 | 207.7 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 97 | 887895 | 200.0 | 210.5 | |
| 9 Bromomethane | 94 | 2.110 | 2.110 | 0.000 | 99 | 441015 | 200.0 | 224.5 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 100 | 544434 | 200.0 | 203.4 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 1412530 | 200.0 | 199.8 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 100 | 933337 | 200.0 | 209.9 | |
| 13 Pentane | 72 | 2.399 | 2.399 | 0.000 | 97 | 266952 | 400.0 | 412.6 | |
| 14 Ethanol | 46 | 2.522 | 2.528 | -0.006 | 99 | 121993 | 8000.0 | 7763.6 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 95 | 578289 | 200.0 | 187.4 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.599 | 2.605 | -0.006 | 97 | 656243 | 200.0 | 199.1 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.604 | 2.610 | -0.006 | 93 | 465218 | 200.0 | 199.0 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 97 | 884549 | 200.0 | 193.4 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 94 | 595918 | 200.0 | 212.4 | |
| 19 Acrolein | 56 | 2.746 | 2.746 | 0.000 | 94 | 77634 | 200.0 | 199.3 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 96 | 581451 | 200.0 | 189.2 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 87 | 273092 | 1000.0 | 1074.4 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 100 | 284666 | 2000.0 | 1944.9 | |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 97 | 720263 | 200.0 | 204.2 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 2257232 | 200.0 | 183.3 | |
| 161 3-Chloro-1-propene | 76 | 3.081 | 3.087 | -0.006 | 98 | 419985 | 200.0 | 191.3 | |
| 27 Methyl acetate | 43 | 3.081 | 3.087 | -0.006 | 79 | 800291 | 400.0 | 384.9 | |
| 166 Cyclopentene | 67 | 3.110 | 3.110 | 0.000 | 94 | 1413957 | 200.0 | 189.4 | |
| 29 Acetonitrile | 41 | 3.146 | 3.146 | 0.000 | 99 | 763158 | 2000.0 | 1759.9 | |
| * 30 TBA-d9 (IS) | 65 | 3.163 | 3.169 | -0.006 | 0 | 190681 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.204 | 3.210 | -0.006 | 96 | 697119 | 200.0 | 186.6 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 99 | 400528 | 2000.0 | 2007.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.351 | 3.357 | -0.006 | 98 | 1600999 | 200.0 | 201.1 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.387 | 3.393 | -0.006 | 97 | 643935 | 200.0 | 196.7 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 95 | 2134841 | 2000.0 | 2041.0 | |
| 36 Hexane | 43 | 3.534 | 3.534 | 0.000 | 93 | 671042 | 200.0 | 205.1 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 2248663 | 200.0 | 199.6 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 67 | 1221281 | 200.0 | 191.1 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 250869 | 400.0 | 438.7 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 576190 | 200.0 | 192.8 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 89 | 1903319 | 200.0 | 197.6 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 295950 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 97 | 208904 | 200.0 | 197.3 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 92 | 694564 | 200.0 | 191.5 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 94 | 116571 | 400.0 | 382.7 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 96 | 302141 | 1000.0 | 1045.2 | |
| 47 Methyl acrylate | 55 | 4.381 | 4.387 | -0.006 | 100 | 474372 | 200.0 | 198.2 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 99 | 761817 | 2000.0 | 1990.8 | |
| 50 Chlorobromomethane | 128 | 4.551 | 4.551 | 0.000 | 97 | 290192 | 200.0 | 198.1 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 60 | 411032 | 400.0 | 384.1 | |
| 51 Methacrylonitrile | 67 | 4.575 | 4.575 | 0.000 | 92 | 2280840 | 2000.0 | 2007.9 | |
| 52 Chloroform | 83 | 4.598 | 4.599 | -0.001 | 99 | 1046182 | 200.0 | 187.2 | |
| 53 Cyclohexane | 56 | 4.751 | 4.746 | 0.005 | 93 | 1223034 | 200.0 | 204.1 | |
| 54 1,1,1-Trichloroethane | 97 | 4.757 | 4.763 | -0.006 | 98 | 825897 | 200.0 | 189.5 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 42 | 148998 | 50.0 | 49.2 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 98 | 696954 | 200.0 | 191.8 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 98 | 887181 | 200.0 | 196.1 | |
| 58 Isobutyl alcohol | 43 | 5.010 | 5.016 | -0.006 | 95 | 490360 | 5000.0 | 5267.7 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | 0.000 | 99 | 2192609 | 200.0 | 218.2 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 97 | 2655300 | 200.0 | 183.2 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.145 | 5.151 | -0.006 | 0 | 166496 | 50.0 | 48.3 | |
| 62 Isopropyl acetate | 61 | 5.163 | 5.163 | 0.000 | 98 | 216741 | 200.0 | 198.0 | |
| 63 Tert-amyl methyl ether | 87 | 5.181 | 5.181 | 0.000 | 94 | 459179 | 200.0 | 200.7 | |
| 64 1,2-Dichloroethane | 62 | 5.228 | 5.234 | -0.006 | 96 | 703016 | 200.0 | 183.0 | |
| 65 n-Heptane | 71 | 5.275 | 5.281 | -0.006 | 94 | 545546 | 200.0 | 223.1 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 99 | 595777 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.740 | 5.746 | -0.006 | 87 | 313159 | 5000.0 | 5509.1 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 97 | 643202 | 200.0 | 196.5 | |
| 69 Ethyl acrylate | 99 | 5.951 | 5.945 | 0.006 | 98 | 85768 | 200.0 | 198.1 | |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 92 | 1123389 | 200.0 | 223.3 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 93 | 724718 | 200.0 | 192.2 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.216 | 6.210 | 0.006 | 0 | 23806 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 91 | 752344 | 400.0 | 417.4 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 84 | 110509 | 4000.0 | 4257.7 | |
| 74 n-Propyl acetate | 43 | 6.275 | 6.281 | -0.006 | 99 | 742283 | 200.0 | 198.5 | |
| 76 Dibromomethane | 93 | 6.292 | 6.298 | -0.006 | 95 | 357263 | 200.0 | 197.2 | |
| 77 Dichlorobromomethane | 83 | 6.457 | 6.451 | 0.006 | 99 | 810275 | 200.0 | 198.0 | |
| 79 2-Nitropropane | 41 | 6.840 | 6.845 | -0.005 | 98 | 238347 | 400.0 | 379.3 | |
| 80 Epichlorohydrin | 57 | 6.957 | 6.963 | -0.006 | 99 | 868774 | 4000.0 | 4548.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 93 | 1130449 | 200.0 | 201.7 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 97 | 2454431 | 1000.0 | 1104.1 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.310 | 7.304 | 0.006 | 99 | 639933 | 50.0 | 49.4 | |
| 84 Toluene | 91 | 7.392 | 7.398 | -0.006 | 94 | 2716090 | 200.0 | 185.2 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.798 | 7.798 | 0.000 | 99 | 933037 | 200.0 | 200.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.834 | 7.834 | 0.000 | 90 | 748844 | 200.0 | 211.9 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 97 | 481189 | 200.0 | 191.0 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 95 | 569489 | 200.0 | 190.4 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 95 | 959710 | 200.0 | 195.5 | |
| 90 2-Hexanone | 58 | 8.434 | 8.434 | 0.000 | 98 | 932912 | 1000.0 | 1117.7 | |
| 91 n-Butyl acetate | 73 | 8.586 | 8.586 | 0.000 | 99 | 131442 | 200.0 | 204.2 | |
| 92 Chlorodibromomethane | 129 | 8.657 | 8.657 | 0.000 | 98 | 553546 | 200.0 | 199.5 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 98 | 495834 | 200.0 | 195.7 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 87 | 457713 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 92 | 1636989 | 200.0 | 193.4 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 889325 | 200.0 | 200.4 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 96 | 536644 | 200.0 | 196.0 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 1091955 | 200.0 | 198.0 | |
| 99 n-Butyl acrylate | 73 | 9.980 | 9.981 | -0.001 | 97 | 419412 | 200.0 | 219.5 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 1059022 | 200.0 | 201.0 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 96 | 1815811 | 200.0 | 205.5 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.169 | 10.175 | -0.006 | 90 | 929321 | 200.0 | 222.6 | |
| 103 Bromoform | 173 | 10.198 | 10.198 | 0.000 | 95 | 328881 | 200.0 | 203.2 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 96 | 2485681 | 200.0 | 202.4 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 85 | 163058 | 50.0 | 48.7 | |
| 107 Bromobenzene | 156 | 10.569 | 10.569 | 0.000 | 95 | 628149 | 200.0 | 193.2 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.592 | 10.592 | 0.000 | 99 | 626725 | 200.0 | 193.1 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 99 | 3415696 | 200.0 | 197.2 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 96 | 155830 | 200.0 | 191.7 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.645 | 10.645 | 0.000 | 89 | 178546 | 200.0 | 201.9 | |
| 112 2-Chlorotoluene | 91 | 10.698 | 10.698 | 0.000 | 95 | 2209679 | 200.0 | 192.0 | |
| 169 4-Ethyltoluene | 105 | 10.698 | 10.698 | 0.000 | 89 | 2549231 | 200.0 | 194.5 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.751 | 10.745 | 0.006 | 93 | 2162999 | 200.0 | 197.5 | |
| 115 4-Chlorotoluene | 91 | 10.786 | 10.780 | 0.006 | 98 | 1985992 | 200.0 | 190.0 | |
| 114 Butyl Methacrylate | 87 | 10.816 | 10.816 | 0.000 | 90 | 757865 | 200.0 | 222.1 | |
| 116 tert-Butylbenzene | 119 | 10.969 | 10.963 | 0.006 | 93 | 1822608 | 200.0 | 200.0 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.010 | 11.010 | 0.000 | 98 | 2263062 | 200.0 | 206.5 | |
| 118 sec-Butylbenzene | 134 | 11.116 | 11.110 | 0.006 | 99 | 530568 | 200.0 | 200.4 | |
| 119 4-Isopropyltoluene | 119 | 11.210 | 11.204 | 0.006 | 98 | 2402862 | 200.0 | 207.4 | |
| 120 1,3-Dichlorobenzene | 146 | 11.222 | 11.216 | 0.006 | 94 | 1174329 | 200.0 | 193.6 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.269 | 11.269 | 0.000 | 95 | 220983 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.286 | 11.280 | 0.006 | 92 | 1182510 | 200.0 | 188.6 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.292 | 11.292 | 0.000 | 99 | 2268960 | 200.0 | 197.6 | |
| 124 Benzyl chloride | 91 | 11.386 | 11.386 | 0.000 | 98 | 1098833 | 200.0 | 212.3 | |
| 162 2,3-Dihydroindene | 117 | 11.433 | 11.433 | 0.000 | 95 | 2196049 | 200.0 | 197.4 | |
| 164 p-Diethylbenzene | 119 | 11.463 | 11.463 | 0.000 | 92 | 1433478 | 200.0 | 198.6 | |
| 127 n-Butylbenzene | 92 | 11.480 | 11.480 | 0.000 | 97 | 1317356 | 200.0 | 200.9 | |
| 128 1,2-Dichlorobenzene | 146 | 11.545 | 11.545 | 0.000 | 95 | 1109197 | 200.0 | 196.7 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.022 | 12.016 | 0.006 | 97 | 2165049 | 200.0 | 217.2 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.127 | 12.122 | 0.005 | 97 | 105081 | 200.0 | 212.1 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.233 | 12.233 | 0.000 | 97 | 845380 | 200.0 | 199.8 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.774 | 12.769 | 0.005 | 94 | 745782 | 200.0 | 205.4 | |
| 133 Hexachlorobutadiene | 225 | 12.857 | 12.857 | 0.000 | 93 | 301968 | 200.0 | 191.6 | |
| 134 Naphthalene | 128 | 13.021 | 13.022 | -0.001 | 99 | 1528119 | 200.0 | 200.4 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.257 | 13.257 | 0.000 | 95 | 622835 | 200.0 | 193.9 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 388.2 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 400.0 | 399.0 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00175 | Amount Added: | 20.00 | Units: uL | |
| GAS Hi_00481 | Amount Added: | 20.00 | Units: uL | |
| MIX 2 Hi_00154 | Amount Added: | 20.00 | Units: uL | |
| MIX I Hi_00181 | Amount Added: | 20.00 | Units: uL | |
| Ethanol mix_00094 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons Hi_00020 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:29:27 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18537.D

Injection Date: 22-Oct-2024 05:22:30 Instrument ID: CVOAMS1 Operator ID:

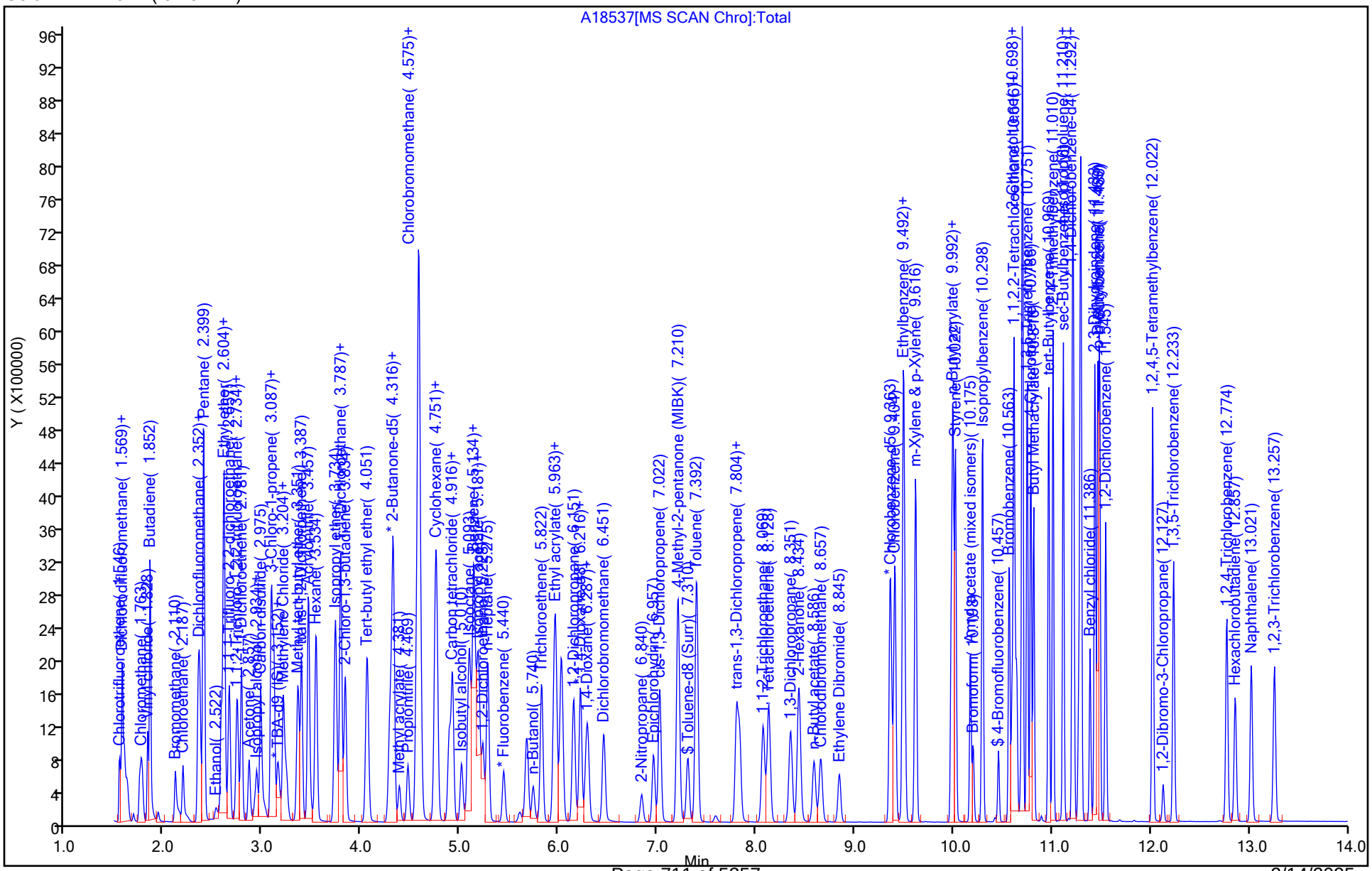
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 22-Oct-2024 05:47:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0182449-009
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:29:44 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: KG2Q Date: 22-Oct-2024 07:13:46

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.540 | 1.546 | -0.006 | 95 | 510462 | 500.0 | 498.9 | |
| 4 Dichlorodifluoromethane | 85 | 1.569 | 1.575 | -0.006 | 100 | 2466456 | 500.0 | 547.7 | |
| 165 Chlorodifluoromethane | 51 | 1.593 | 1.593 | 0.000 | 96 | 4117097 | 500.0 | 607.0 | |
| 6 Chloromethane | 50 | 1.763 | 1.769 | -0.006 | 99 | 3008548 | 500.0 | 505.4 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 99 | 2216496 | 500.0 | 502.8 | |
| 172 Butadiene | 39 | 1.851 | 1.852 | -0.001 | 98 | 2113004 | 500.0 | 499.9 | |
| 9 Bromomethane | 94 | 2.104 | 2.110 | -0.006 | 99 | 1061260 | 500.0 | 539.0 | |
| 10 Chloroethane | 64 | 2.181 | 2.187 | -0.006 | 100 | 1307829 | 500.0 | 487.5 | M |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 3521197 | 500.0 | 497.0 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 99 | 2223779 | 500.0 | 499.0 | |
| 13 Pentane | 72 | 2.393 | 2.399 | -0.006 | 96 | 599803 | 1000.0 | 885.3 | |
| 14 Ethanol | 46 | 2.528 | 2.528 | 0.000 | 99 | 334348 | 20000 | 20319 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 96 | 1472447 | 500.0 | 476.2 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.598 | 2.605 | -0.007 | 96 | 1540973 | 500.0 | 466.4 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.604 | 2.610 | -0.006 | 96 | 1116654 | 500.0 | 476.5 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.657 | 2.657 | 0.000 | 98 | 2233317 | 500.0 | 487.2 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 94 | 1377052 | 500.0 | 489.7 | |
| 19 Acrolein | 56 | 2.745 | 2.746 | -0.001 | 93 | 161631 | 400.0 | 396.2 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 97 | 1461736 | 500.0 | 474.6 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 88 | 765198 | 2500.0 | 2929.6 | |
| 24 Isopropyl alcohol | 45 | 2.922 | 2.916 | 0.006 | 98 | 782277 | 5000.0 | 5103.9 | |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 98 | 1820572 | 500.0 | 499.4 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 5571763 | 500.0 | 451.5 | |
| 161 3-Chloro-1-propene | 76 | 3.081 | 3.087 | -0.006 | 94 | 1111350 | 500.0 | 505.1 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 99 | 2032197 | 1000.0 | 933.3 | |
| 166 Cyclopentene | 67 | 3.104 | 3.110 | -0.006 | 94 | 3369513 | 500.0 | 450.3 | |
| 29 Acetonitrile | 41 | 3.151 | 3.146 | 0.005 | 99 | 2133448 | 5000.0 | 4698.3 | |
| * 30 TBA-d9 (IS) | 65 | 3.169 | 3.169 | 0.000 | 0 | 199675 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.204 | 3.210 | -0.006 | 95 | 1765730 | 500.0 | 471.6 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 98 | 1087443 | 5000.0 | 5205.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Methyl tert-butyl ether | 73 | 3.351 | 3.357 | -0.006 | 98 | 4094889 | 500.0 | 513.2 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.387 | 3.393 | -0.006 | 96 | 1609026 | 500.0 | 490.4 | |
| 35 Acrylonitrile | 53 | 3.463 | 3.457 | 0.006 | 95 | 5389937 | 5000.0 | 5141.4 | |
| 36 Hexane | 43 | 3.534 | 3.534 | 0.000 | 93 | 1520277 | 500.0 | 463.6 | |
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 5657917 | 500.0 | 501.1 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 64 | 3018192 | 500.0 | 471.2 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 641741 | 1000.0 | 1071.6 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 1418810 | 500.0 | 473.7 | |
| 41 Tert-butyl ethyl ether | 59 | 4.057 | 4.051 | 0.006 | 88 | 4921407 | 500.0 | 509.8 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 304124 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.292 | 4.293 | -0.001 | 96 | 531922 | 500.0 | 501.2 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 94 | 1764448 | 500.0 | 485.3 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 95 | 301380 | 1000.0 | 962.7 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 97 | 784633 | 2500.0 | 2641.3 | |
| 47 Methyl acrylate | 55 | 4.381 | 4.387 | -0.006 | 99 | 1235220 | 500.0 | 514.9 | |
| 48 Propionitrile | 54 | 4.475 | 4.469 | 0.006 | 99 | 1962071 | 5000.0 | 4896.4 | |
| 50 Chlorobromomethane | 128 | 4.557 | 4.551 | 0.006 | 96 | 717212 | 500.0 | 488.6 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 69 | 1038606 | 1000.0 | 944.6 | |
| 51 Methacrylonitrile | 67 | 4.581 | 4.575 | 0.006 | 92 | 5435024 | 5000.0 | 4773.9 | |
| 52 Chloroform | 83 | 4.604 | 4.599 | 0.005 | 98 | 2533737 | 500.0 | 452.3 | |
| 53 Cyclohexane | 56 | 4.745 | 4.746 | -0.001 | 92 | 2878476 | 500.0 | 479.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.763 | 4.763 | 0.000 | 98 | 2029796 | 500.0 | 464.7 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.769 | 4.763 | 0.006 | 93 | 141504 | 50.0 | 46.6 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | -0.001 | 98 | 1738216 | 500.0 | 477.4 | |
| 57 1,1-Dichloropropene | 75 | 4.922 | 4.922 | 0.000 | 97 | 2208243 | 500.0 | 487.0 | |
| 58 Isobutyl alcohol | 43 | 5.016 | 5.016 | 0.000 | 95 | 1384225 | 12500 | 14200 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | -0.001 | 99 | 5033748 | 500.0 | 499.7 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 97 | 6618125 | 500.0 | 453.1 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.151 | 5.151 | 0.000 | 0 | 165413 | 50.0 | 47.9 | |
| 62 Isopropyl acetate | 61 | 5.169 | 5.163 | 0.006 | 98 | 558288 | 500.0 | 513.1 | |
| 63 Tert-amyl methyl ether | 87 | 5.186 | 5.181 | 0.005 | 96 | 1182711 | 500.0 | 515.7 | |
| 64 1,2-Dichloroethane | 62 | 5.228 | 5.234 | -0.006 | 96 | 1755868 | 500.0 | 456.0 | |
| 65 n-Heptane | 71 | 5.281 | 5.281 | 0.000 | 93 | 1262103 | 500.0 | 515.0 | |
| * 66 Fluorobenzene | 96 | 5.439 | 5.440 | -0.001 | 98 | 597114 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.739 | 5.746 | -0.007 | 86 | 903639 | 12500 | 15155 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 98 | 1658851 | 500.0 | 505.8 | |
| 69 Ethyl acrylate | 99 | 5.951 | 5.945 | 0.006 | 98 | 210430 | 500.0 | 483.6 | |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 90 | 2661323 | 500.0 | 527.8 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 94 | 1854568 | 500.0 | 490.6 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.222 | 6.210 | 0.012 | 0 | 23010 | 1000.0 | 1000.0 | a |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 90 | 1978557 | 1000.0 | 1095.2 | |
| 75 1,4-Dioxane | 88 | 6.275 | 6.275 | 0.000 | 36 | 296040 | 10000 | 11801 | |
| 74 n-Propyl acetate | 43 | 6.275 | 6.281 | -0.006 | 99 | 1953568 | 500.0 | 521.4 | |
| 76 Dibromomethane | 93 | 6.292 | 6.298 | -0.006 | 96 | 904239 | 500.0 | 498.0 | |
| 77 Dichlorobromomethane | 83 | 6.457 | 6.451 | 0.006 | 99 | 2099570 | 500.0 | 511.9 | |
| 79 2-Nitropropane | 41 | 6.839 | 6.845 | -0.006 | 95 | 634941 | 1000.0 | 1008.1 | |
| 80 Epichlorohydrin | 57 | 6.963 | 6.963 | 0.000 | 99 | 2431221 | 10000 | 12387 | |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 93 | 2945301 | 500.0 | 521.6 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 96 | 6304374 | 2500.0 | 2759.8 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 637694 | 50.0 | 48.8 | |
| 84 Toluene | 91 | 7.398 | 7.398 | 0.000 | 94 | 6942779 | 500.0 | 469.8 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.804 | 7.798 | 0.006 | 98 | 2462619 | 500.0 | 526.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 85 Ethyl methacrylate | 69 | 7.833 | 7.834 | -0.001 | 89 | 1993663 | 500.0 | 562.1 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 98 | 1249011 | 500.0 | 492.1 | |
| 88 Tetrachloroethene | 166 | 8.127 | 8.128 | -0.001 | 96 | 1472647 | 500.0 | 488.7 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 94 | 2507385 | 500.0 | 507.1 | |
| 90 2-Hexanone | 58 | 8.433 | 8.434 | -0.001 | 96 | 2489778 | 2500.0 | 2902.6 | |
| 91 n-Butyl acetate | 73 | 8.586 | 8.586 | 0.000 | 99 | 355544 | 500.0 | 548.3 | |
| 92 Chlorodibromomethane | 129 | 8.657 | 8.657 | 0.000 | 98 | 1449513 | 500.0 | 518.5 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 99 | 1309131 | 500.0 | 513.0 | |
| * 94 Chlorobenzene-d5 | 117 | 9.374 | 9.375 | -0.001 | 85 | 461101 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.410 | 9.404 | 0.006 | 92 | 4180304 | 500.0 | 490.2 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 2253659 | 500.0 | 504.2 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 96 | 1354619 | 500.0 | 491.0 | |
| 98 m-Xylene & p-Xylene | 106 | 9.622 | 9.616 | 0.006 | 0 | 2742939 | 500.0 | 493.7 | |
| 99 n-Butyl acrylate | 73 | 9.980 | 9.981 | -0.001 | 97 | 1135634 | 500.0 | 589.9 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 2674366 | 500.0 | 503.8 | |
| 101 Styrene | 104 | 10.021 | 10.022 | -0.001 | 94 | 4547715 | 500.0 | 511.0 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.174 | 10.175 | -0.001 | 90 | 2534512 | 500.0 | 611.0 | |
| 103 Bromoform | 173 | 10.204 | 10.198 | 0.006 | 95 | 881318 | 500.0 | 540.6 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 6310642 | 500.0 | 510.2 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.463 | 10.457 | 0.006 | 86 | 171272 | 50.0 | 50.8 | |
| 107 Bromobenzene | 156 | 10.568 | 10.569 | -0.001 | 95 | 1666990 | 500.0 | 516.0 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.598 | 10.592 | 0.006 | 99 | 1704133 | 500.0 | 528.6 | |
| 108 N-Propylbenzene | 91 | 10.621 | 10.616 | 0.005 | 99 | 8440617 | 500.0 | 490.5 | |
| 110 1,2,3-Trichloropropane | 110 | 10.639 | 10.633 | 0.006 | 97 | 410145 | 500.0 | 507.9 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.651 | 10.645 | 0.006 | 81 | 487296 | 500.0 | 554.5 | |
| 112 2-Chlorotoluene | 91 | 10.704 | 10.698 | 0.006 | 96 | 5471546 | 500.0 | 478.5 | |
| 169 4-Ethyltoluene | 105 | 10.710 | 10.698 | 0.012 | 88 | 6278956 | 500.0 | 482.1 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.757 | 10.745 | 0.012 | 93 | 5477553 | 500.0 | 503.3 | |
| 115 4-Chlorotoluene | 91 | 10.792 | 10.780 | 0.012 | 99 | 5101179 | 500.0 | 491.3 | |
| 114 Butyl Methacrylate | 87 | 10.821 | 10.816 | 0.005 | 91 | 1995189 | 500.0 | 588.5 | |
| 116 tert-Butylbenzene | 119 | 10.980 | 10.963 | 0.017 | 93 | 4673940 | 500.0 | 516.2 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.021 | 11.010 | 0.011 | 99 | 5682678 | 500.0 | 522.0 | |
| 118 sec-Butylbenzene | 134 | 11.127 | 11.110 | 0.017 | 99 | 1346970 | 500.0 | 512.0 | |
| 119 4-Isopropyltoluene | 119 | 11.221 | 11.204 | 0.017 | 97 | 5744099 | 500.0 | 498.9 | a |
| 120 1,3-Dichlorobenzene | 146 | 11.233 | 11.216 | 0.017 | 94 | 2885246 | 500.0 | 478.7 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.286 | 11.269 | 0.017 | 96 | 219562 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.298 | 11.280 | 0.018 | 93 | 2924153 | 500.0 | 469.4 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.310 | 11.292 | 0.018 | 99 | 5475432 | 500.0 | 479.8 | |
| 124 Benzyl chloride | 91 | 11.404 | 11.386 | 0.018 | 98 | 2902737 | 500.0 | 564.4 | |
| 162 2,3-Dihydroindene | 117 | 11.451 | 11.433 | 0.018 | 95 | 5461453 | 500.0 | 494.1 | |
| 164 p-Diethylbenzene | 119 | 11.480 | 11.463 | 0.017 | 90 | 3432947 | 500.0 | 478.6 | |
| 127 n-Butylbenzene | 92 | 11.498 | 11.480 | 0.018 | 94 | 3127526 | 500.0 | 480.0 | |
| 128 1,2-Dichlorobenzene | 146 | 11.563 | 11.545 | 0.018 | 94 | 2757792 | 500.0 | 492.2 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.039 | 12.016 | 0.023 | 97 | 5374903 | 500.0 | 542.7 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.145 | 12.122 | 0.023 | 97 | 278445 | 500.0 | 565.5 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.251 | 12.233 | 0.018 | 97 | 2150534 | 500.0 | 511.7 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.792 | 12.769 | 0.023 | 95 | 1967802 | 500.0 | 545.4 | |
| 133 Hexachlorobutadiene | 225 | 12.880 | 12.857 | 0.023 | 93 | 730081 | 500.0 | 466.2 | |
| 134 Naphthalene | 128 | 13.045 | 13.022 | 0.023 | 99 | 4171982 | 500.0 | 550.6 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.280 | 13.257 | 0.023 | 95 | 1658313 | 500.0 | 519.6 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 975.8 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 997.6 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00481 | Amount Added: | 50.00 | Units: uL | |
| MIX 2 Hi_00154 | Amount Added: | 50.00 | Units: uL | |
| MIX I Hi_00181 | Amount Added: | 50.00 | Units: uL | |
| Ethanol mix_00094 | Amount Added: | 50.00 | Units: uL | |
| 7 Freons Hi_00020 | Amount Added: | 50.00 | Units: uL | |
| ACROLEIN W_00175 | Amount Added: | 40.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:29:44 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Injection Date: 22-Oct-2024 05:47:30 Instrument ID: CVOAMS1 Operator ID:

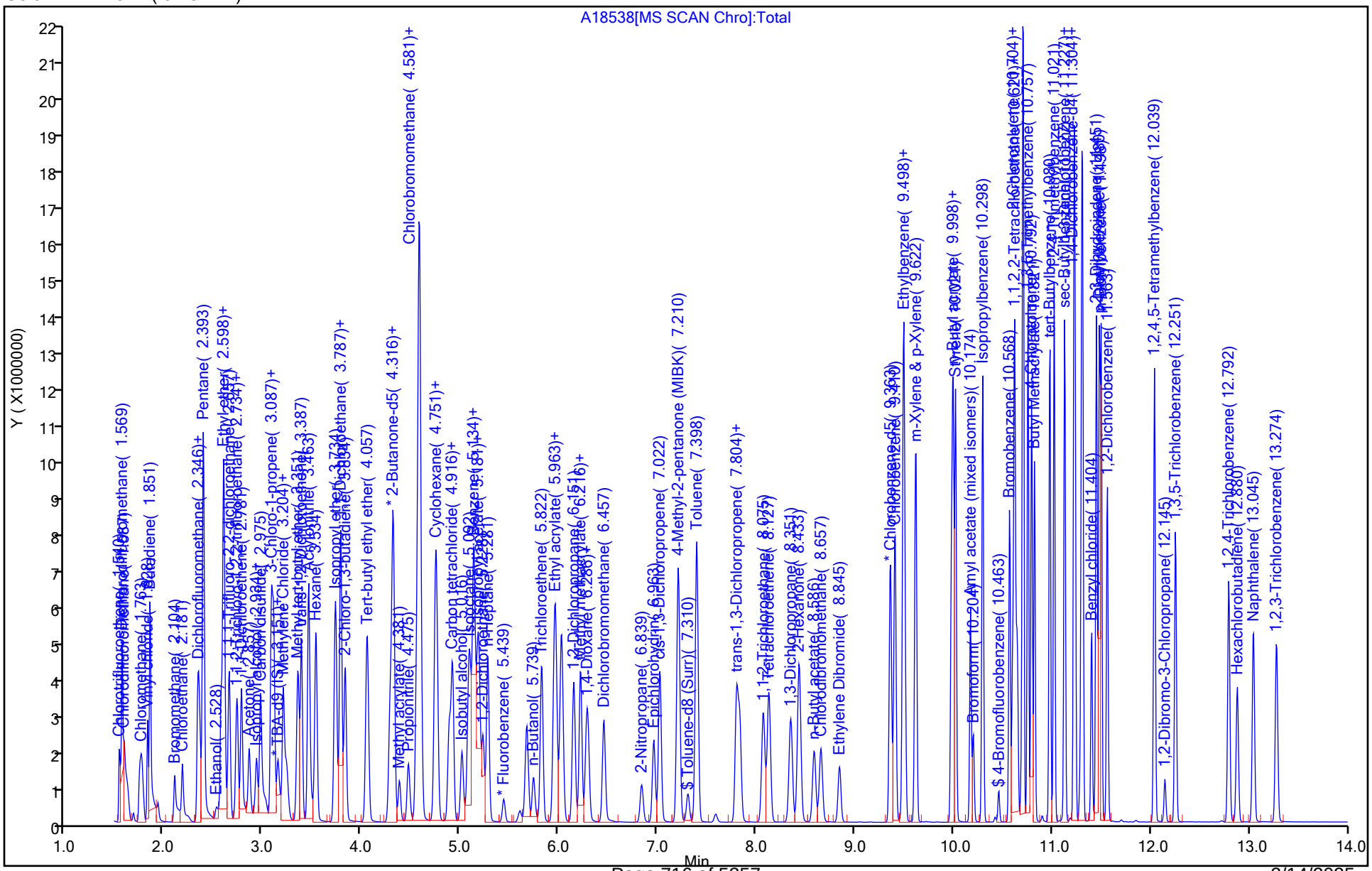
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



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Manual Integration/User Assign Peak Report

Eurofins Edison

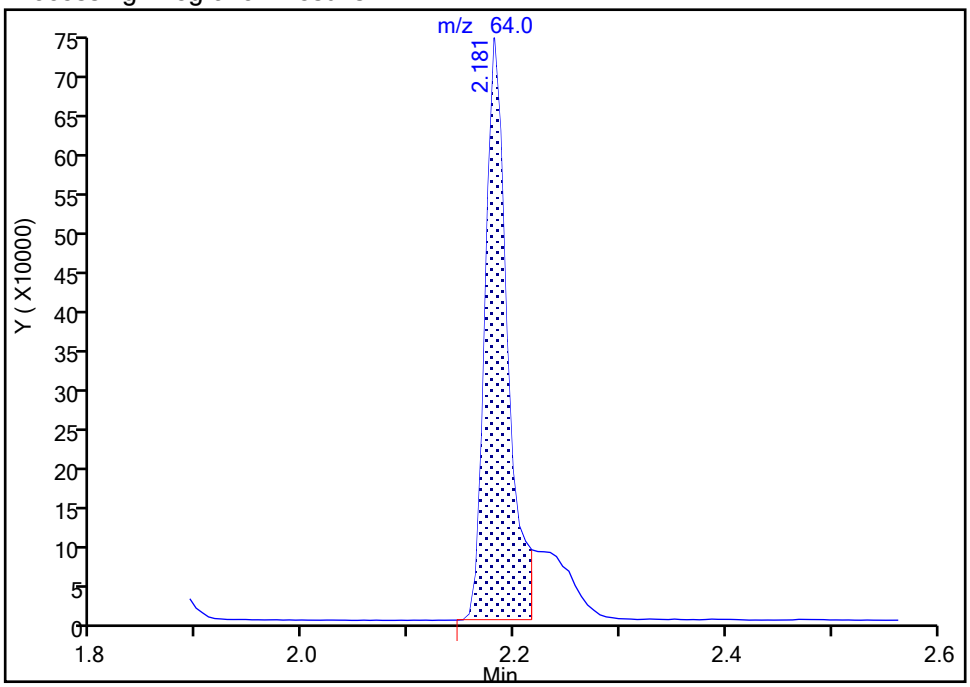
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D
Injection Date: 22-Oct-2024 05:47:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 10 Chloroethane, CAS: 75-00-3

Signal: 1

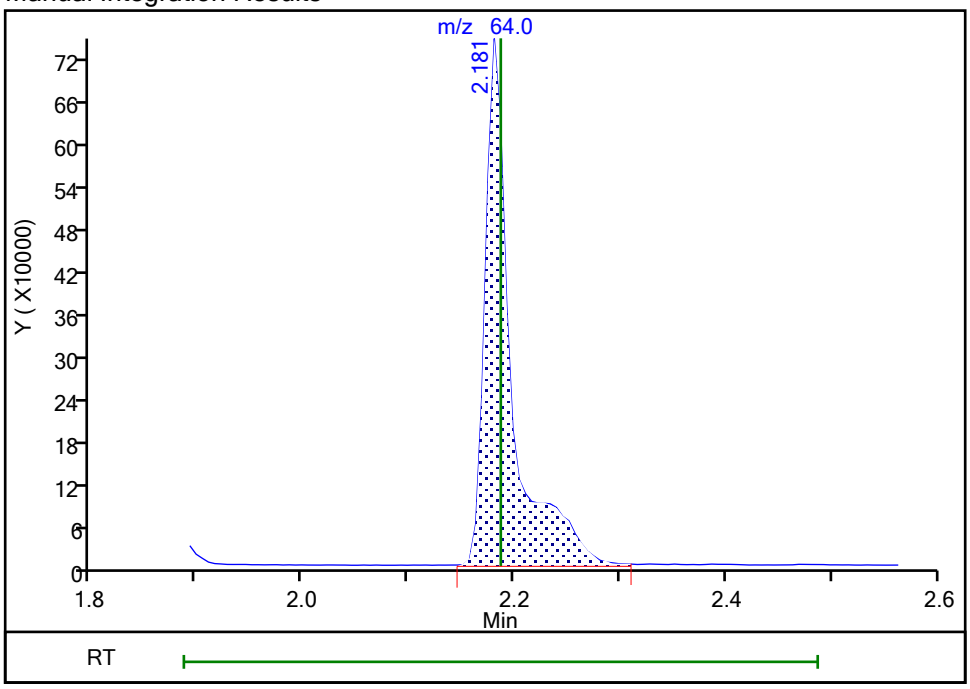
Processing Integration Results

RT: 2.18
Area: 1093498
Amount: 418.7635
Amount Units: ug/l




Manual Integration Results

RT: 2.18
Area: 1307829
Amount: 487.5051
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:08:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

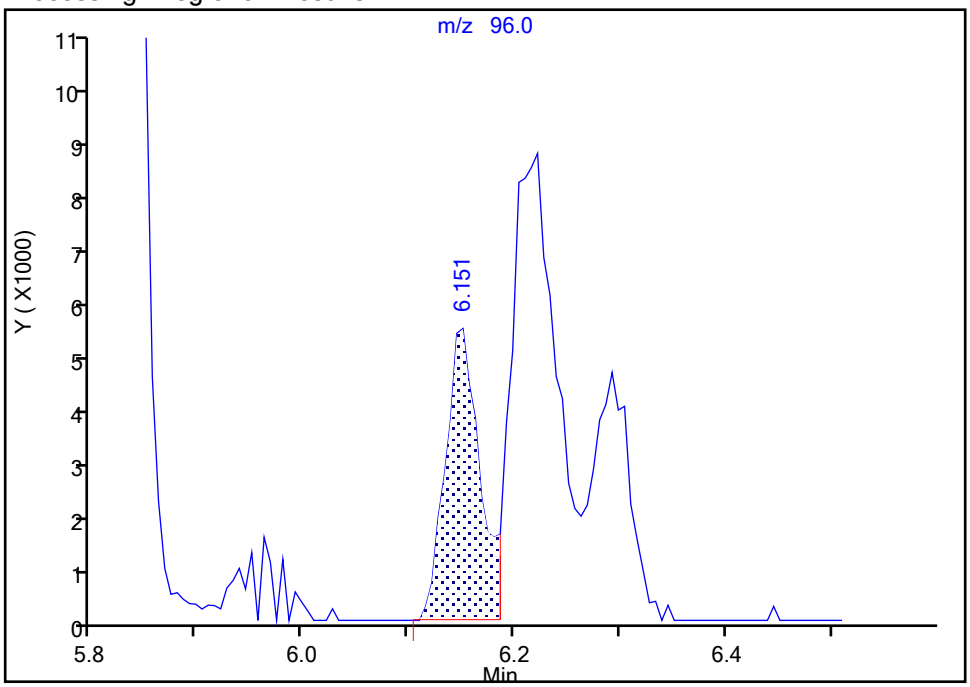
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D
Injection Date: 22-Oct-2024 05:47:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## * 73 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

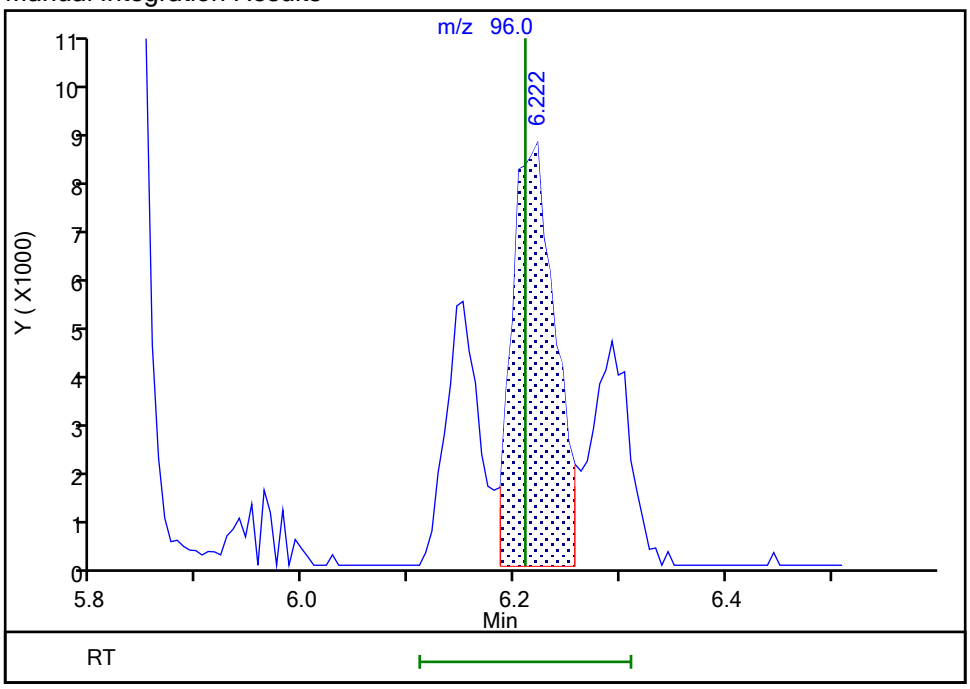
Processing Integration Results

RT: 6.15
Area: 11617
Amount: 1000.0000
Amount Units: ug/l




Manual Integration Results

RT: 6.22
Area: 23010
Amount: 1000.0000
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:07:52 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

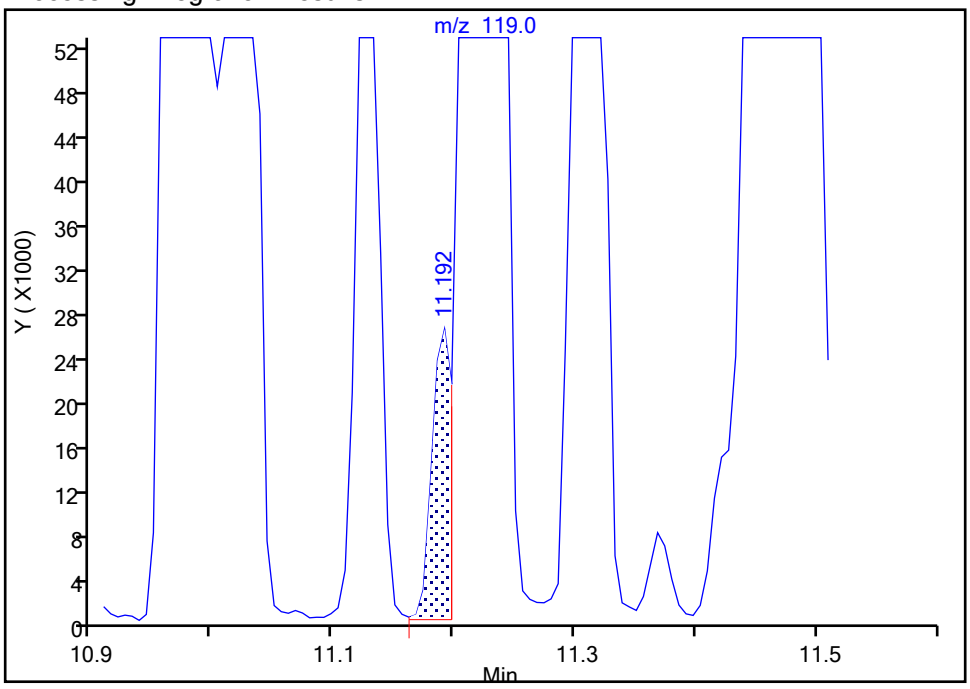
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D
Injection Date: 22-Oct-2024 05:47:30 Instrument ID: CVOAMS1
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 119 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

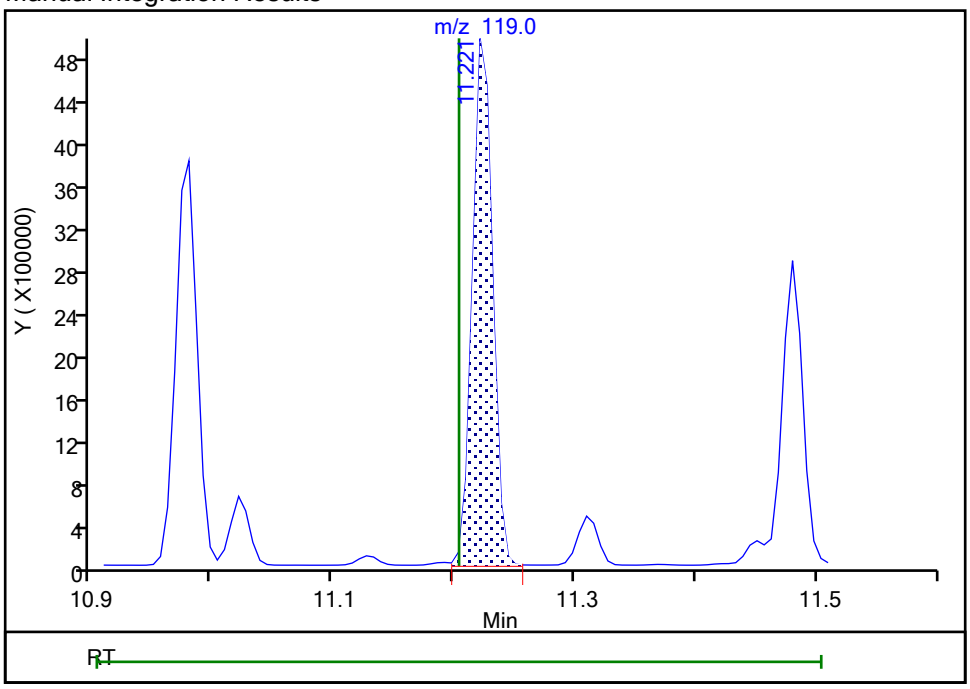
Processing Integration Results

RT: 11.19
Area: 30955
Amount: 3.221761
Amount Units: ug/l




Manual Integration Results

RT: 11.22
Area: 5744099
Amount: 498.9454
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:08:40 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

## Calibration / Chlorotrifluoroethene

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

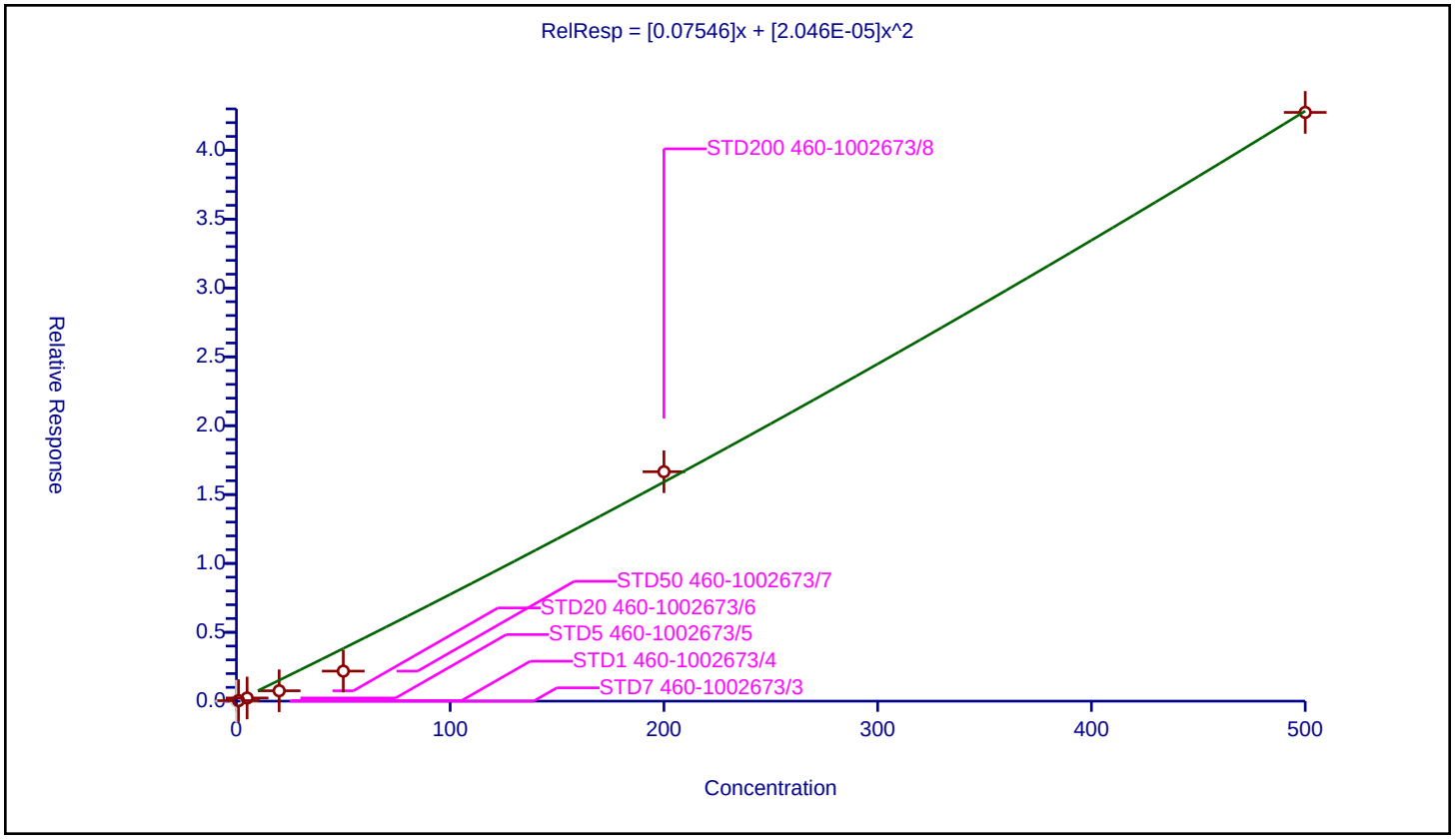
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07546 |
| **Second Order:** | 2.046E-05 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 46.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.035252 | 50.0 | 628327.0 | 0.035252 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.229519 | 50.0 | 630012.0 | 0.045904 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 0.753603 | 50.0 | 622344.0 | 0.03768 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 2.179373 | 50.0 | 616714.0 | 0.043587 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 16.656316 | 50.0 | 595777.0 | 0.083282 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 42.744099 | 50.0 | 597114.0 | 0.085488 | Y |



## Calibration / Dichlorodifluoromethane

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

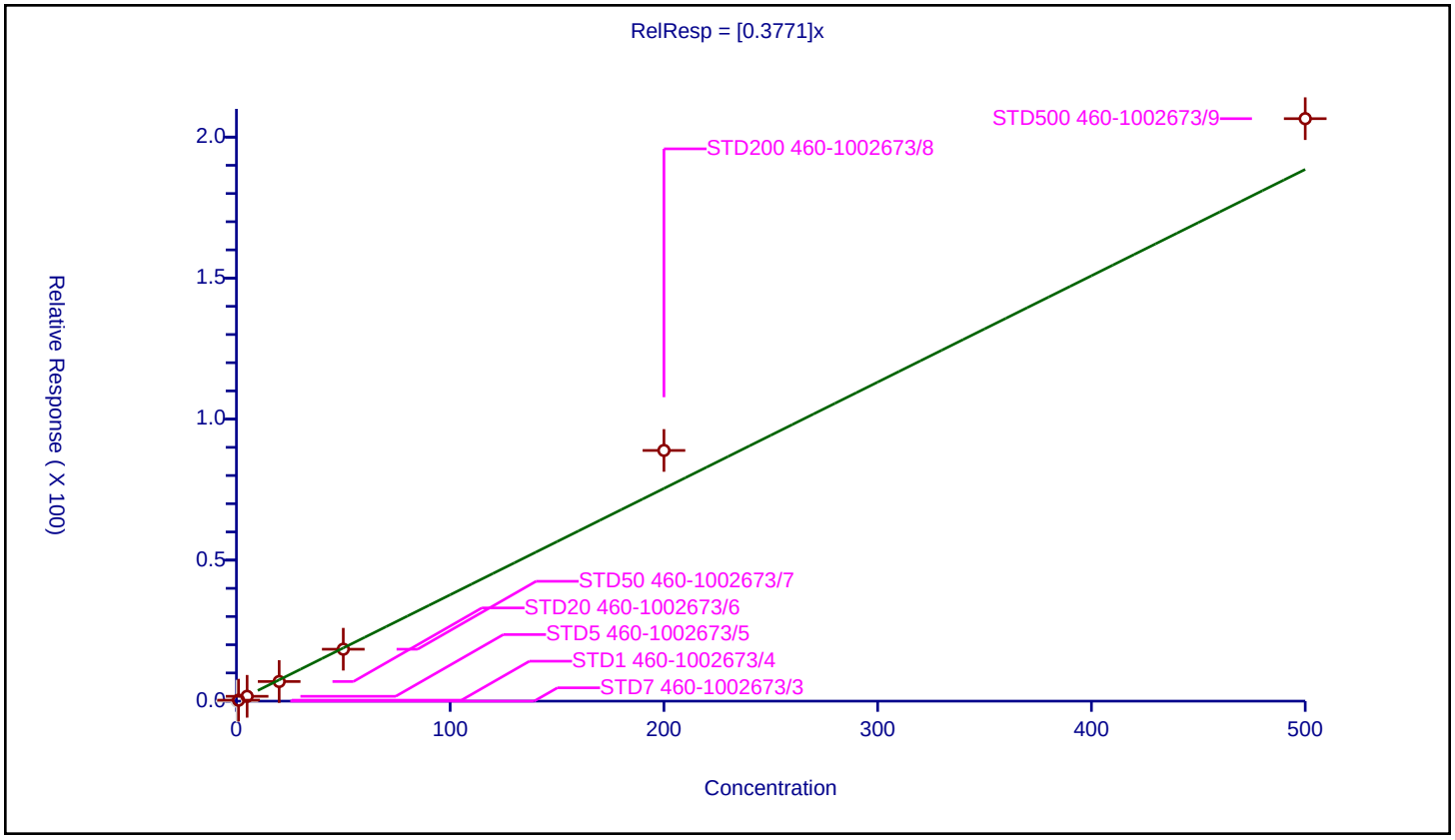
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3771 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.3456 | 50.0 | 628327.0 | 0.3456 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.71719 | 50.0 | 630012.0 | 0.343438 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.954755 | 50.0 | 622344.0 | 0.347738 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 18.412587 | 50.0 | 616714.0 | 0.368252 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 88.894083 | 50.0 | 595777.0 | 0.44447 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 206.531416 | 50.0 | 597114.0 | 0.413063 | Y |



## Calibration / Chlorodifluoromethane

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

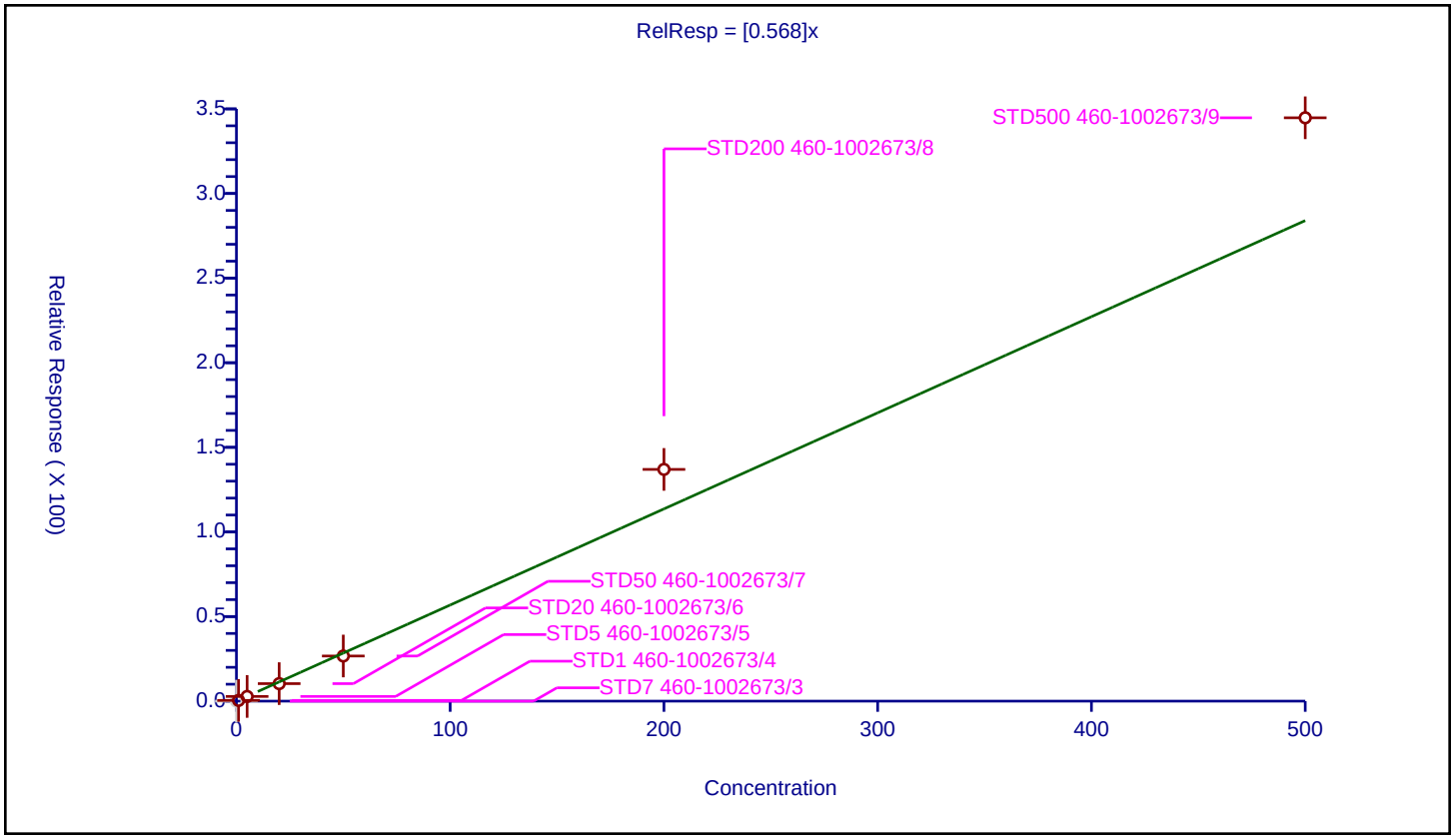
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.568 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.427803 | 50.0 | 628327.0 | 0.427803 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.774312 | 50.0 | 630012.0 | 0.554862 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 10.348939 | 50.0 | 622344.0 | 0.517447 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 26.677682 | 50.0 | 616714.0 | 0.533554 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 136.941926 | 50.0 | 595777.0 | 0.68471 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 344.749663 | 50.0 | 597114.0 | 0.689499 | Y |



## Calibration / Chloromethane

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

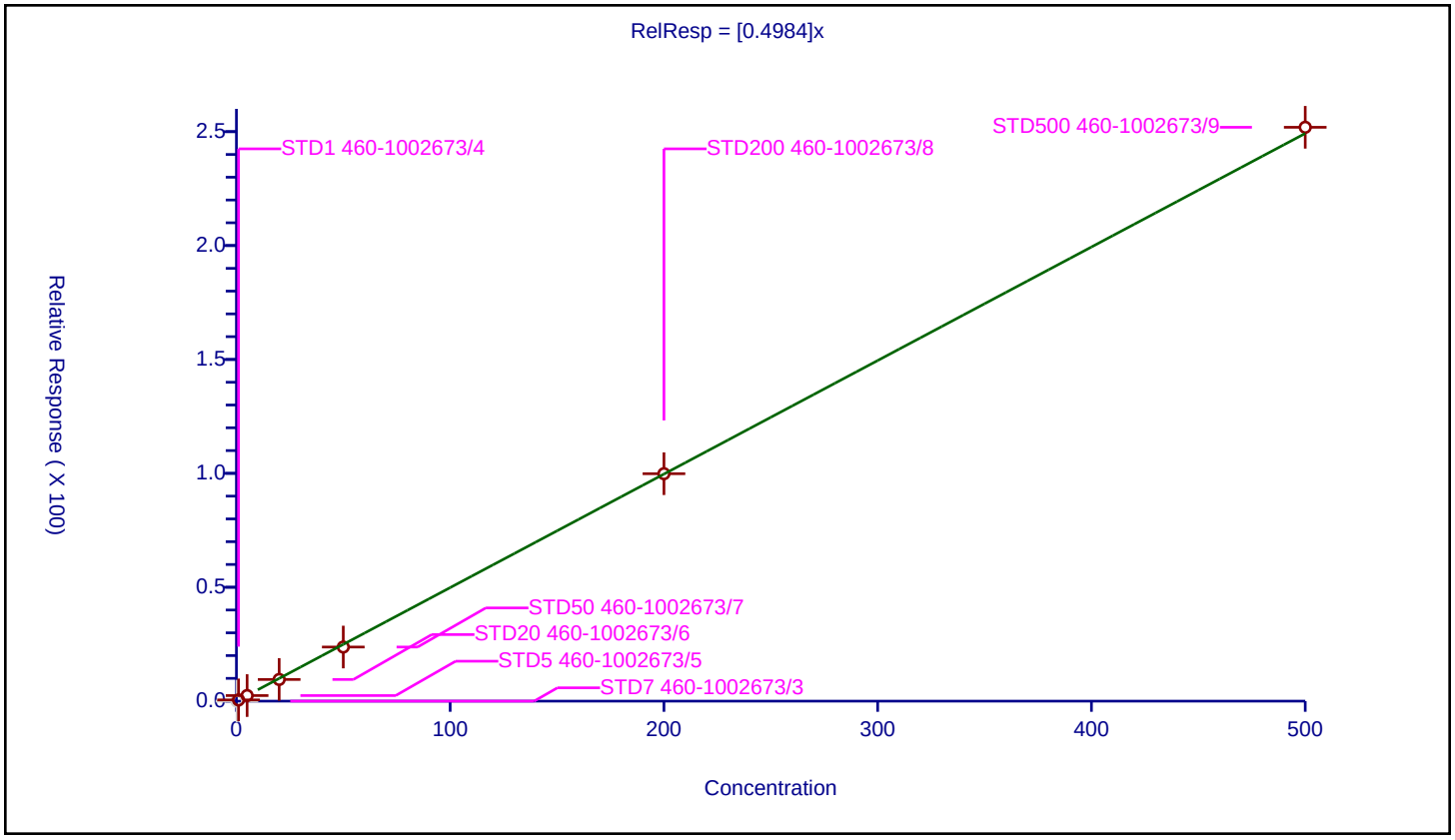
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4984 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.546212 | 50.0 | 628327.0 | 0.546212 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.451779 | 50.0 | 630012.0 | 0.490356 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 9.51628 | 50.0 | 622344.0 | 0.475814 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 23.758339 | 50.0 | 616714.0 | 0.475167 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 99.853385 | 50.0 | 595777.0 | 0.499267 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 251.924088 | 50.0 | 597114.0 | 0.503848 | Y |



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## Calibration / Vinyl chloride

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

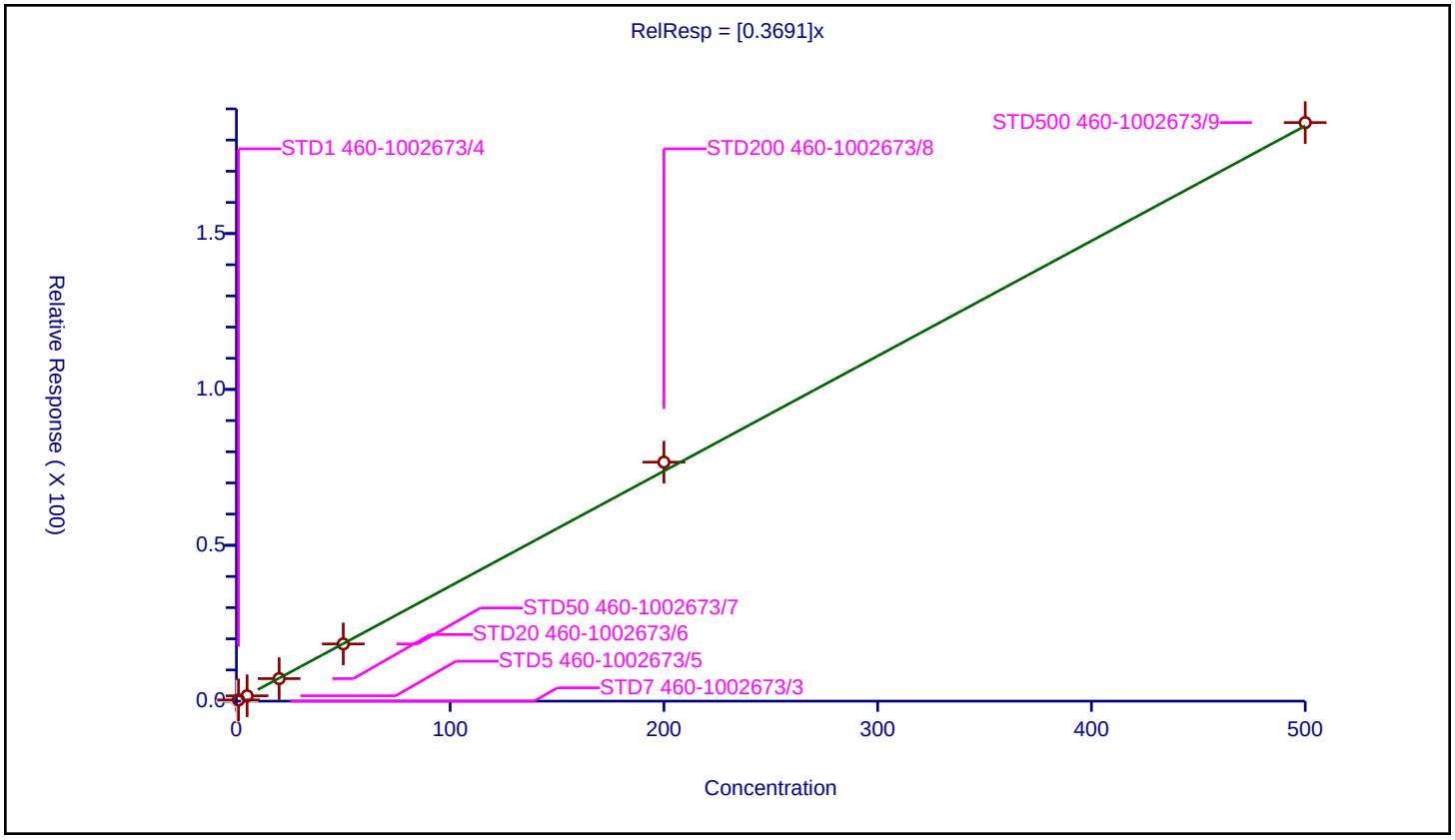
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3691 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.389447 | 50.0 | 628327.0 | 0.389447 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.713142 | 50.0 | 630012.0 | 0.342628 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 7.222292 | 50.0 | 622344.0 | 0.361115 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 18.345538 | 50.0 | 616714.0 | 0.366911 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 76.666605 | 50.0 | 595777.0 | 0.383333 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 185.60074 | 50.0 | 597114.0 | 0.371201 | Y |



## Calibration / Butadiene

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

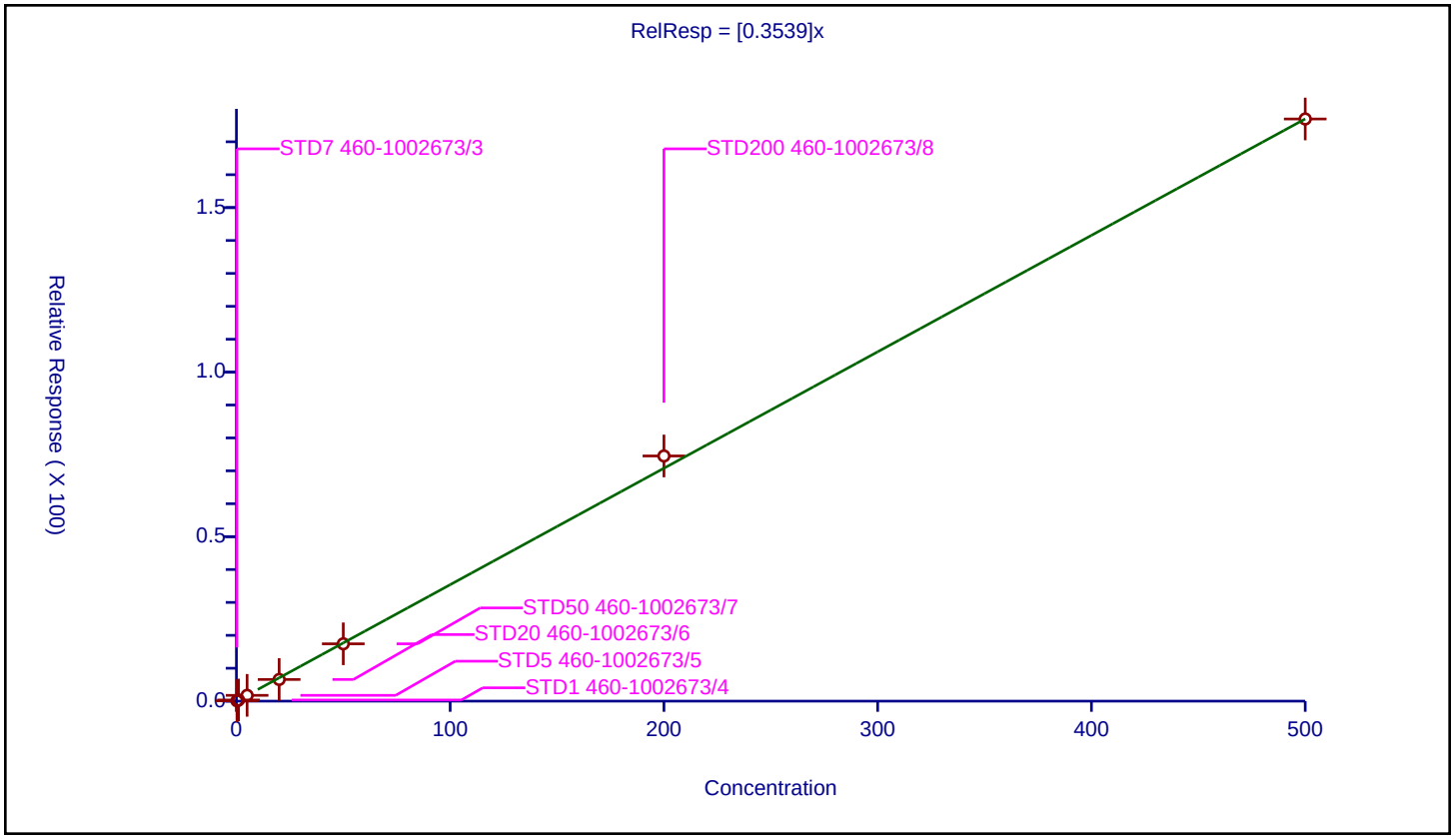
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3539 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.094277 | 50.0 | 631121.0 | 0.377107 | Y |
| 2 | STD1 460-1002673/4 | 1.0 | 0.343452 | 50.0 | 628327.0 | 0.343452 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.763855 | 50.0 | 630012.0 | 0.352771 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.58173 | 50.0 | 622344.0 | 0.329086 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 17.427689 | 50.0 | 616714.0 | 0.348554 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 74.515716 | 50.0 | 595777.0 | 0.372579 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 176.934723 | 50.0 | 597114.0 | 0.353869 | Y |



## Calibration / Bromomethane

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

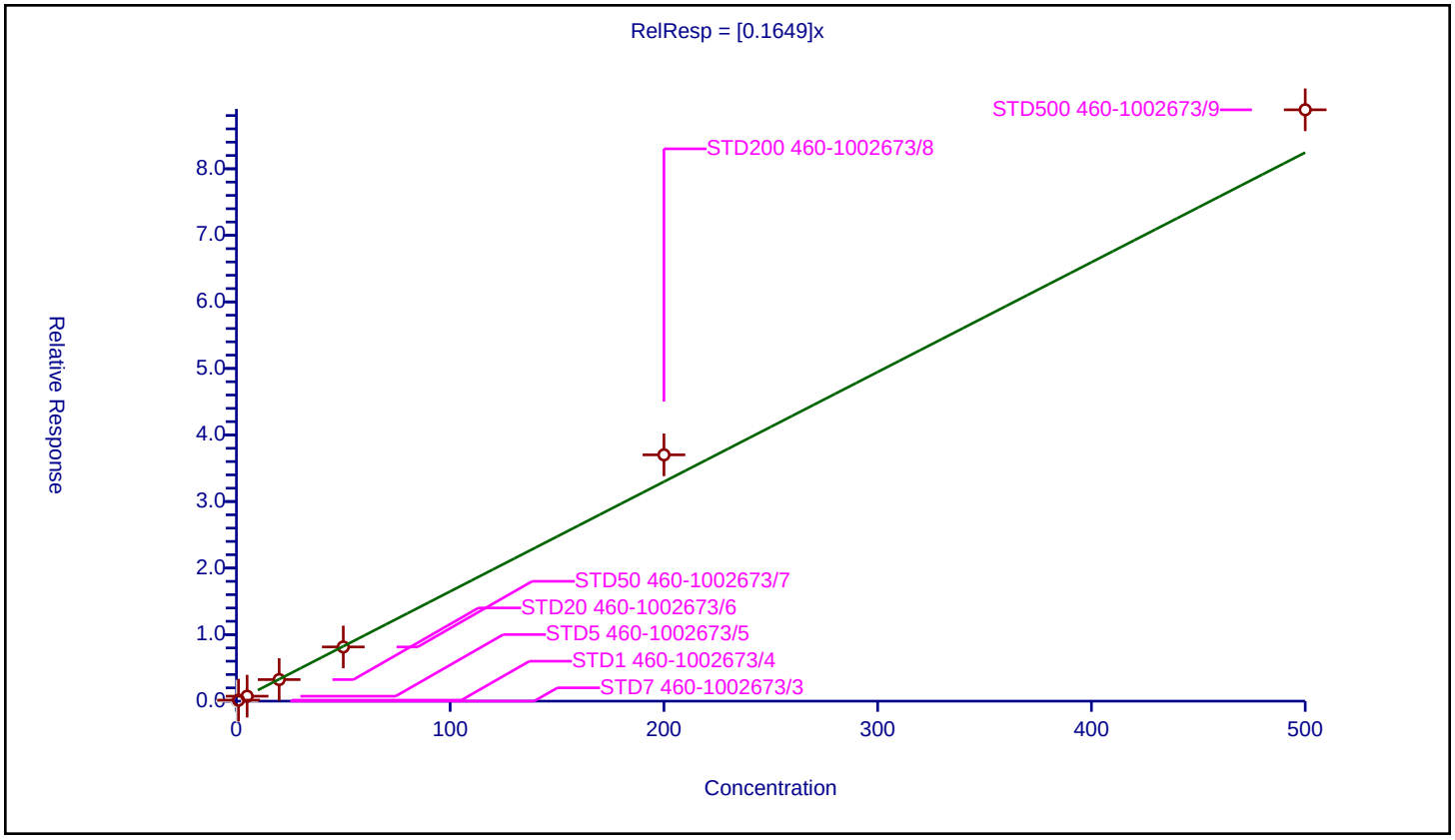
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1649 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.152389 | 50.0 | 628327.0 | 0.152389 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.7457 | 50.0 | 630012.0 | 0.14914 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.241375 | 50.0 | 622344.0 | 0.162069 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 8.144213 | 50.0 | 616714.0 | 0.162884 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 37.011751 | 50.0 | 595777.0 | 0.185059 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 88.865778 | 50.0 | 597114.0 | 0.177732 | Y |



## Calibration / Chloroethane

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

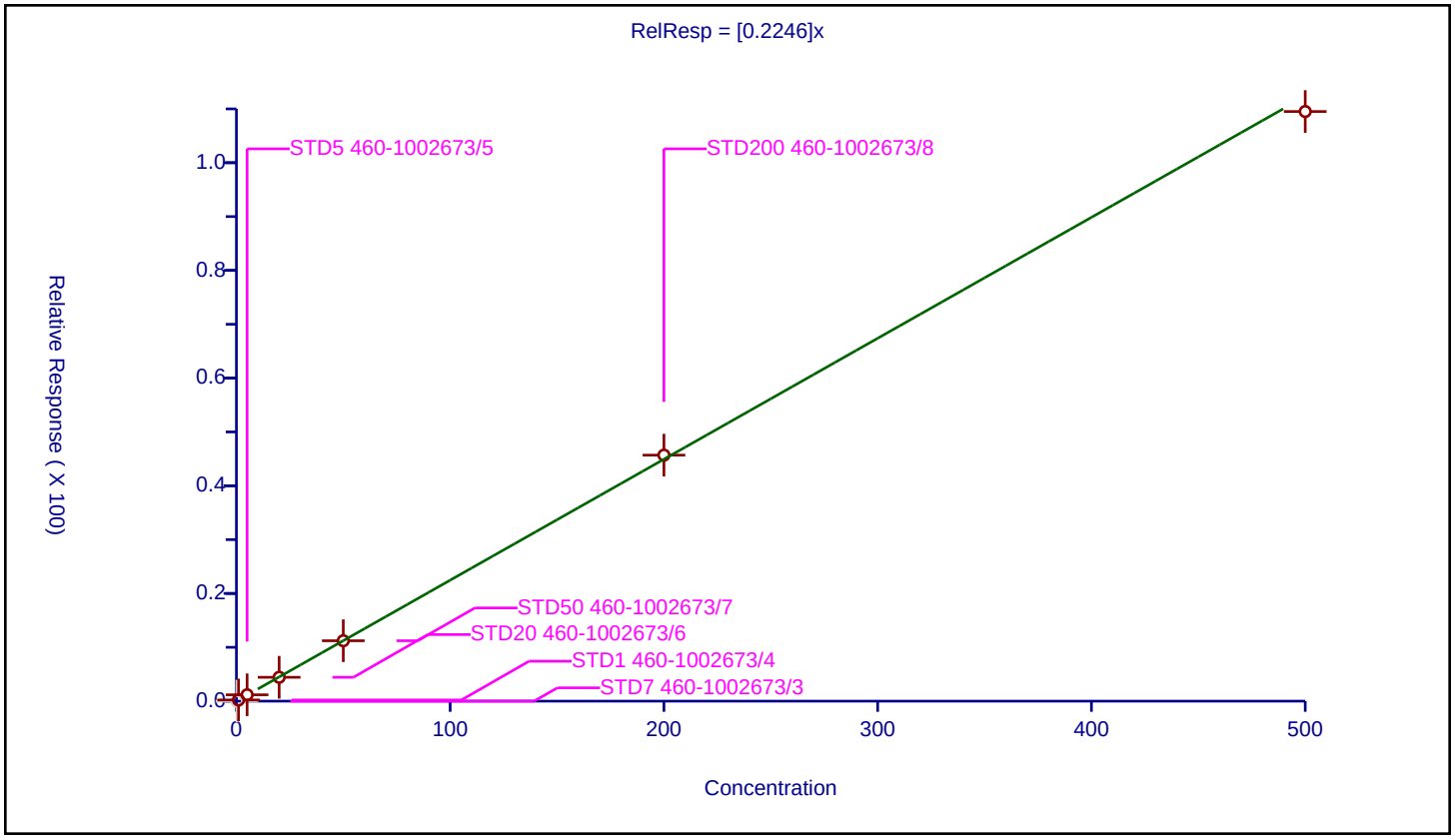
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2246 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.218198 | 50.0 | 628327.0 | 0.218198 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.181327 | 50.0 | 630012.0 | 0.236265 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.43091 | 50.0 | 622344.0 | 0.221545 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 11.217112 | 50.0 | 616714.0 | 0.224342 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 45.691089 | 50.0 | 595777.0 | 0.228455 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 109.512505 | 50.0 | 597114.0 | 0.219025 | Y |



## Calibration / Dichlorofluoromethane

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

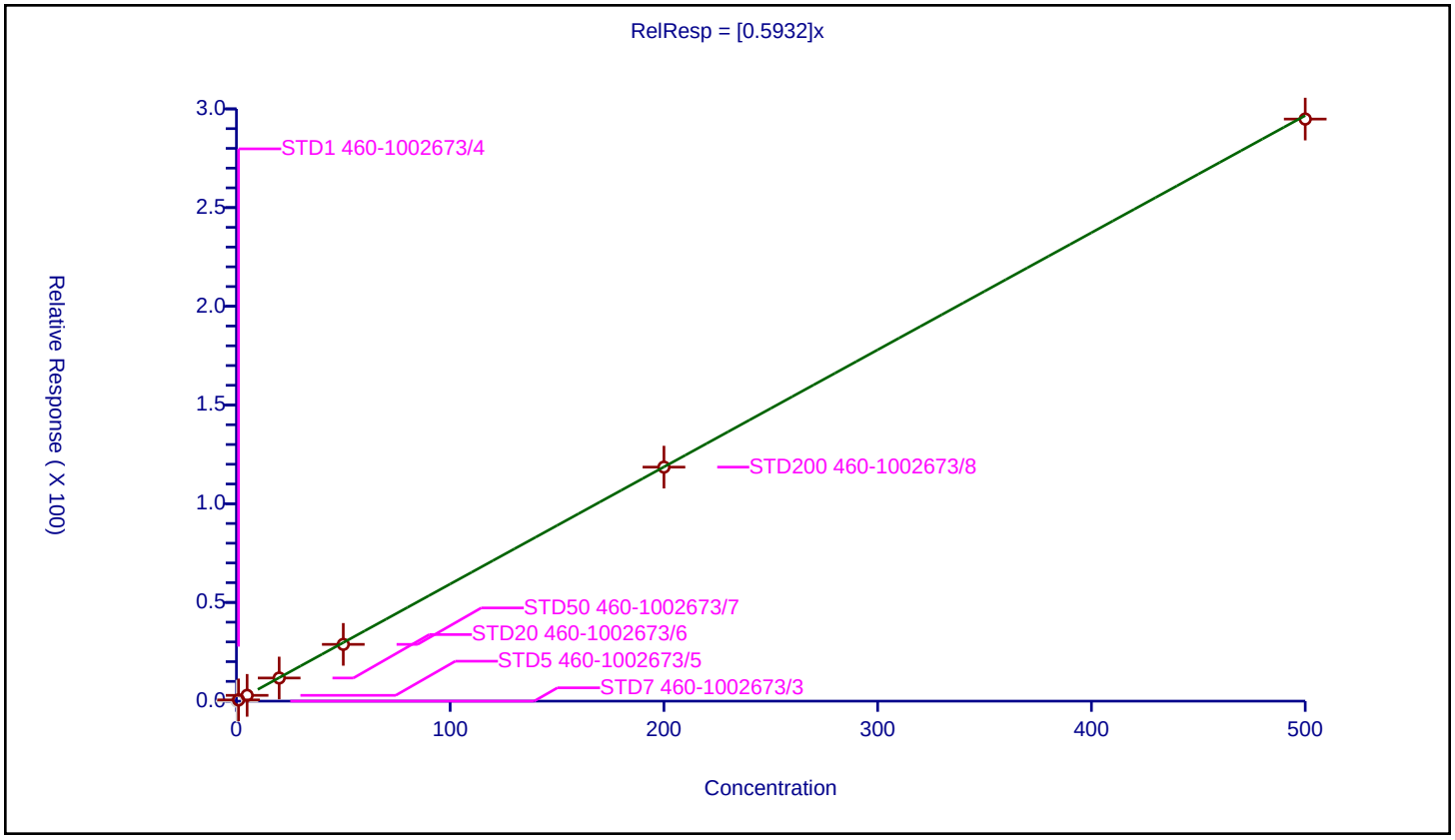
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5932 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.630325 | 50.0 | 628327.0 | 0.630325 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.928198 | 50.0 | 630012.0 | 0.58564 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 11.716591 | 50.0 | 622344.0 | 0.58583 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 28.757495 | 50.0 | 616714.0 | 0.57515 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 118.545194 | 50.0 | 595777.0 | 0.592726 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 294.851318 | 50.0 | 597114.0 | 0.589703 | Y |



## Calibration / Trichlorofluoromethane

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

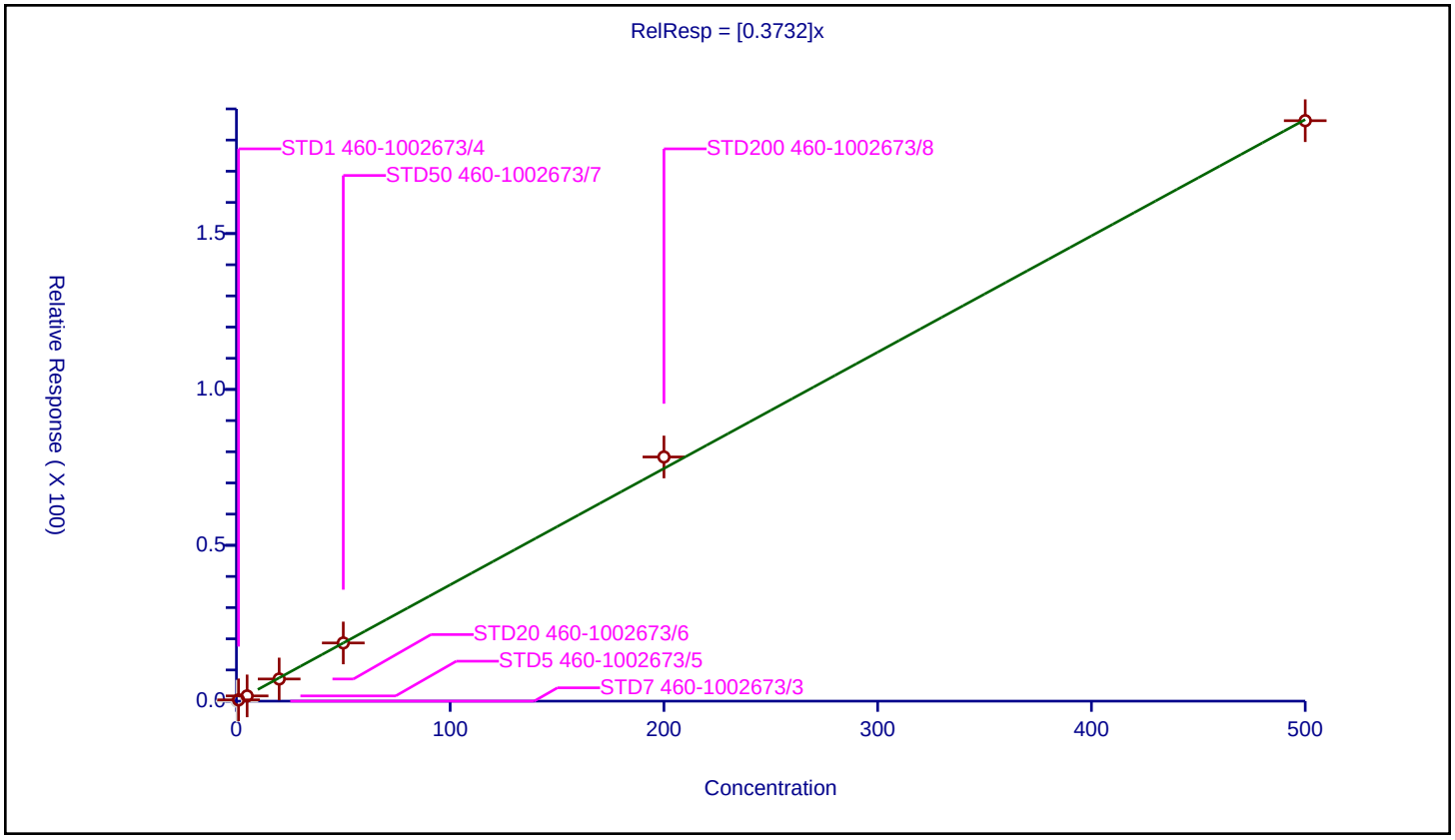
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3732 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.25 | 0.0 | 50.0 | 631121.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.410773 | 50.0 | 628327.0 | 0.410773 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.677746 | 50.0 | 630012.0 | 0.335549 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 7.105877 | 50.0 | 622344.0 | 0.355294 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 18.665378 | 50.0 | 616714.0 | 0.373308 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 78.329392 | 50.0 | 595777.0 | 0.391647 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 186.21059 | 50.0 | 597114.0 | 0.372421 | Y |



## Calibration / Pentane

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

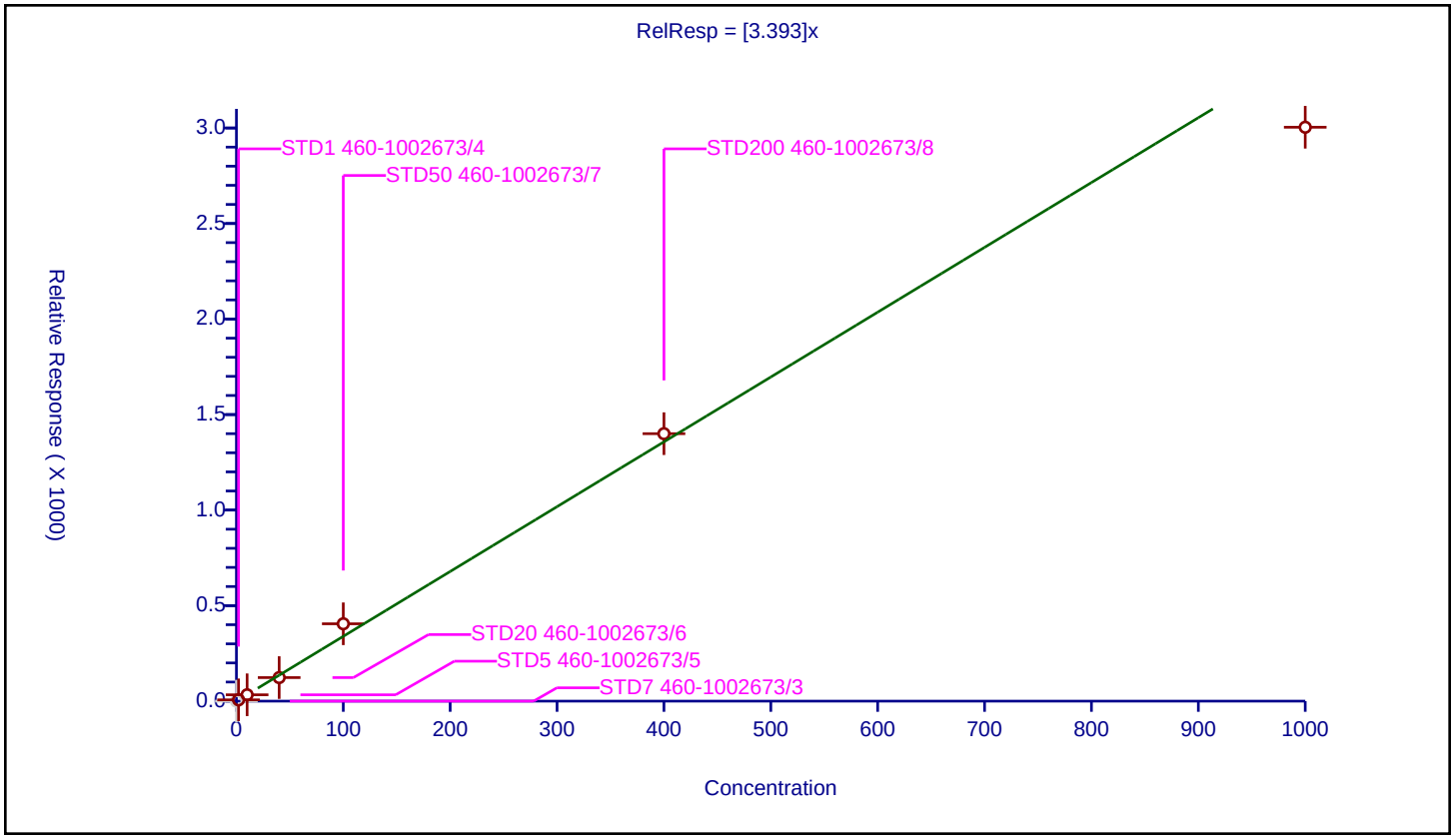
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.393 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 6.795391 | 1000.0 | 184684.0 | 3.397696 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 33.273436 | 1000.0 | 214255.0 | 3.327344 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 123.247456 | 1000.0 | 214260.0 | 3.081186 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 404.863158 | 1000.0 | 180829.0 | 4.048632 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 1399.992658 | 1000.0 | 190681.0 | 3.499982 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 3003.896332 | 1000.0 | 199675.0 | 3.003896 | Y |



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## Calibration / Ethanol

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

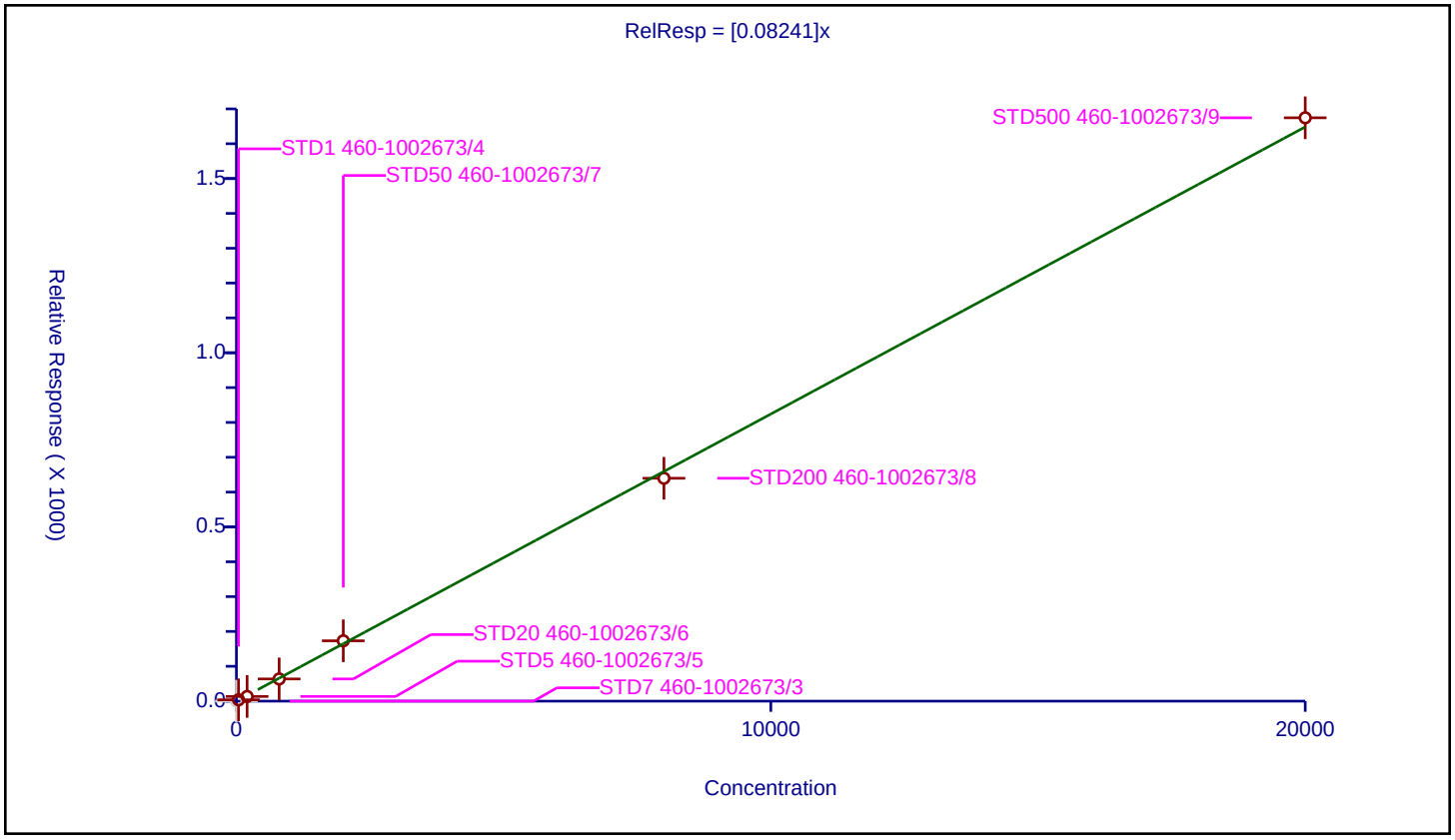
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08241 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 40.0 | 3.876892 | 1000.0 | 184684.0 | 0.096922 | Y |
| 3 | STD5 460-1002673/5 | 200.0 | 13.516604 | 1000.0 | 214255.0 | 0.067583 | Y |
| 4 | STD20 460-1002673/6 | 800.0 | 63.716979 | 1000.0 | 214260.0 | 0.079646 | Y |
| 5 | STD50 460-1002673/7 | 2000.0 | 173.196777 | 1000.0 | 180829.0 | 0.086598 | Y |
| 6 | STD200 460-1002673/8 | 8000.0 | 639.775332 | 1000.0 | 190681.0 | 0.079972 | Y |
| 7 | STD500 460-1002673/9 | 20000.0 | 1674.460999 | 1000.0 | 199675.0 | 0.083723 | Y |



## Calibration / Ethyl ether

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

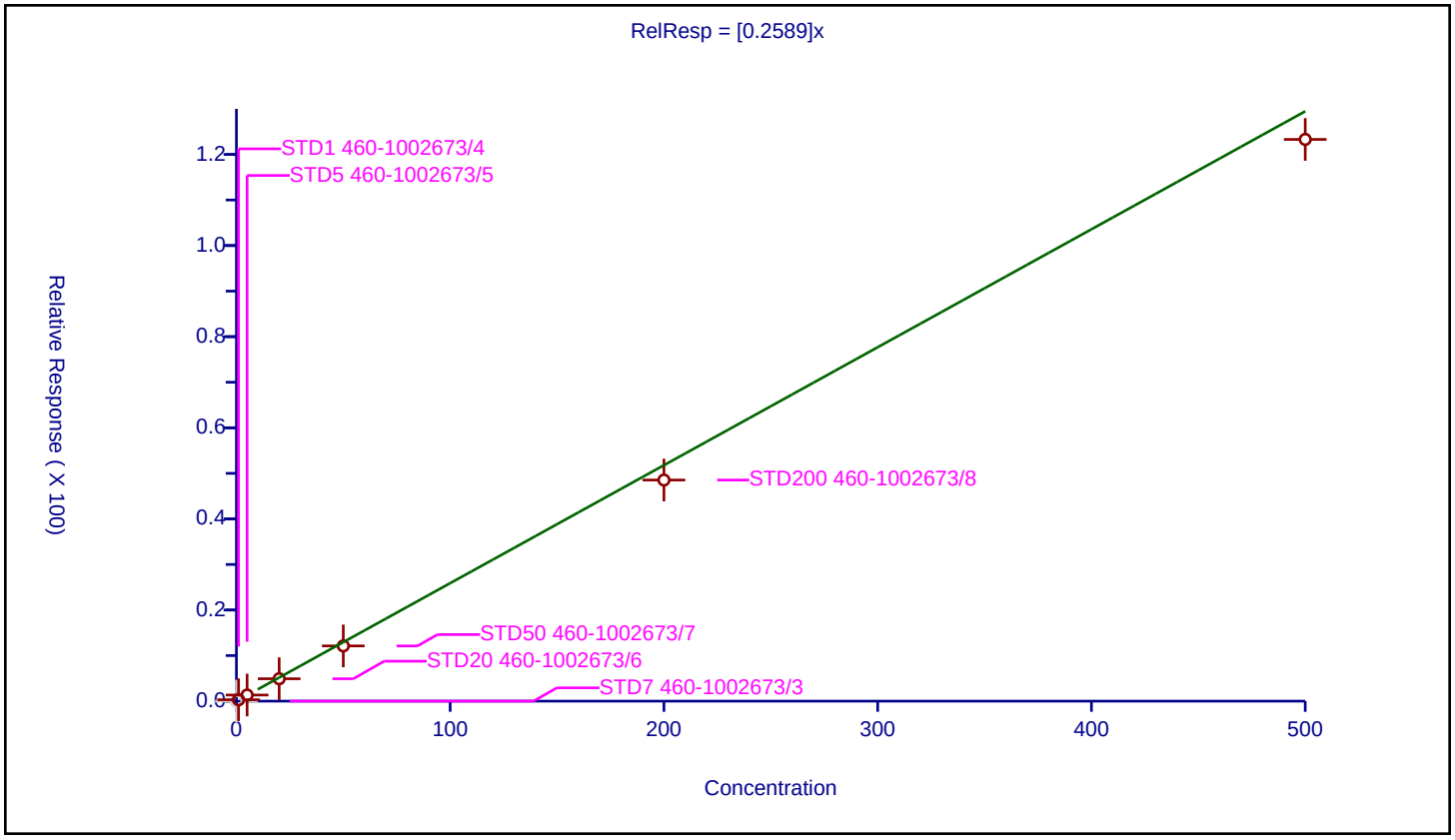
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2589 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.308199 | 50.0 | 628327.0 | 0.308199 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.339657 | 50.0 | 630012.0 | 0.267931 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.915288 | 50.0 | 622344.0 | 0.245764 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.12207 | 50.0 | 616714.0 | 0.242441 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 48.532337 | 50.0 | 595777.0 | 0.242662 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 123.296975 | 50.0 | 597114.0 | 0.246594 | Y |



## Calibration / 2-Methyl-1,3-butadiene

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

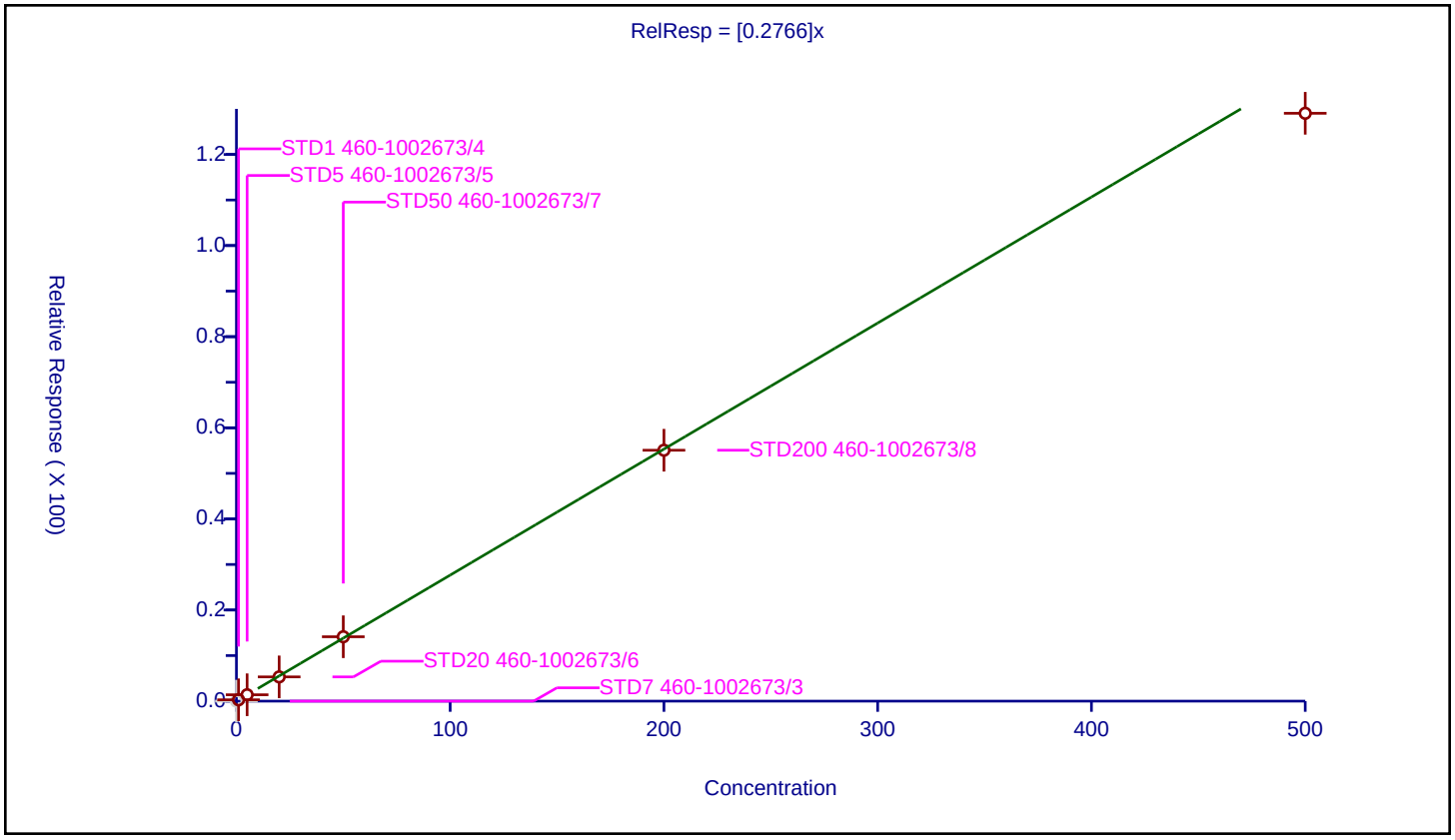
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2766 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.296979 | 50.0 | 628327.0 | 0.296979 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.402275 | 50.0 | 630012.0 | 0.280455 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.325833 | 50.0 | 622344.0 | 0.266292 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.131672 | 50.0 | 616714.0 | 0.282633 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 55.07455 | 50.0 | 595777.0 | 0.275373 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 129.035075 | 50.0 | 597114.0 | 0.25807 | Y |



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## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

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

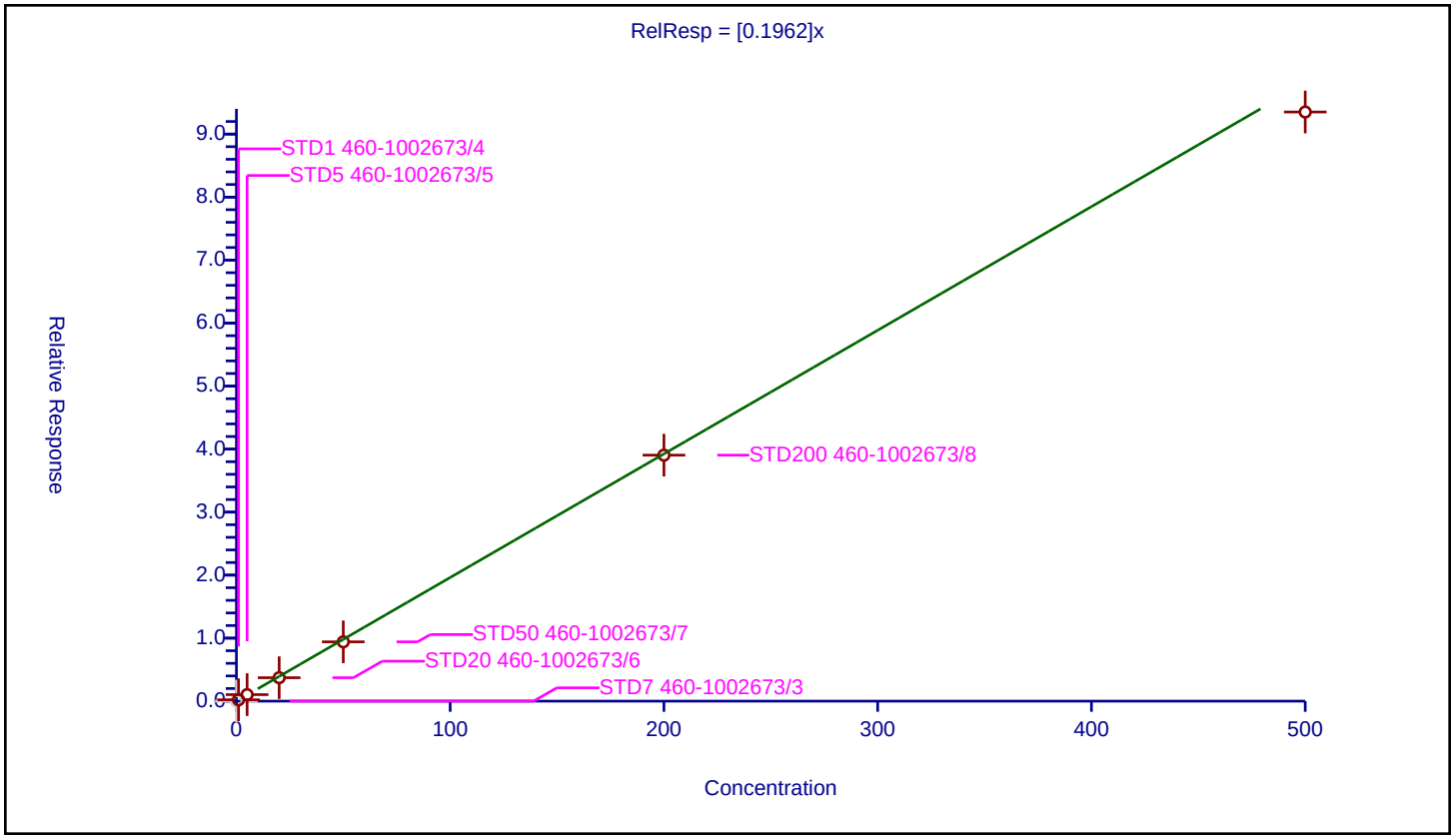
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1962 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.214299 | 50.0 | 628327.0 | 0.214299 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.032599 | 50.0 | 630012.0 | 0.20652 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.719165 | 50.0 | 622344.0 | 0.185958 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 9.413683 | 50.0 | 616714.0 | 0.188274 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 39.042964 | 50.0 | 595777.0 | 0.195215 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 93.504255 | 50.0 | 597114.0 | 0.187009 | Y |



## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

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

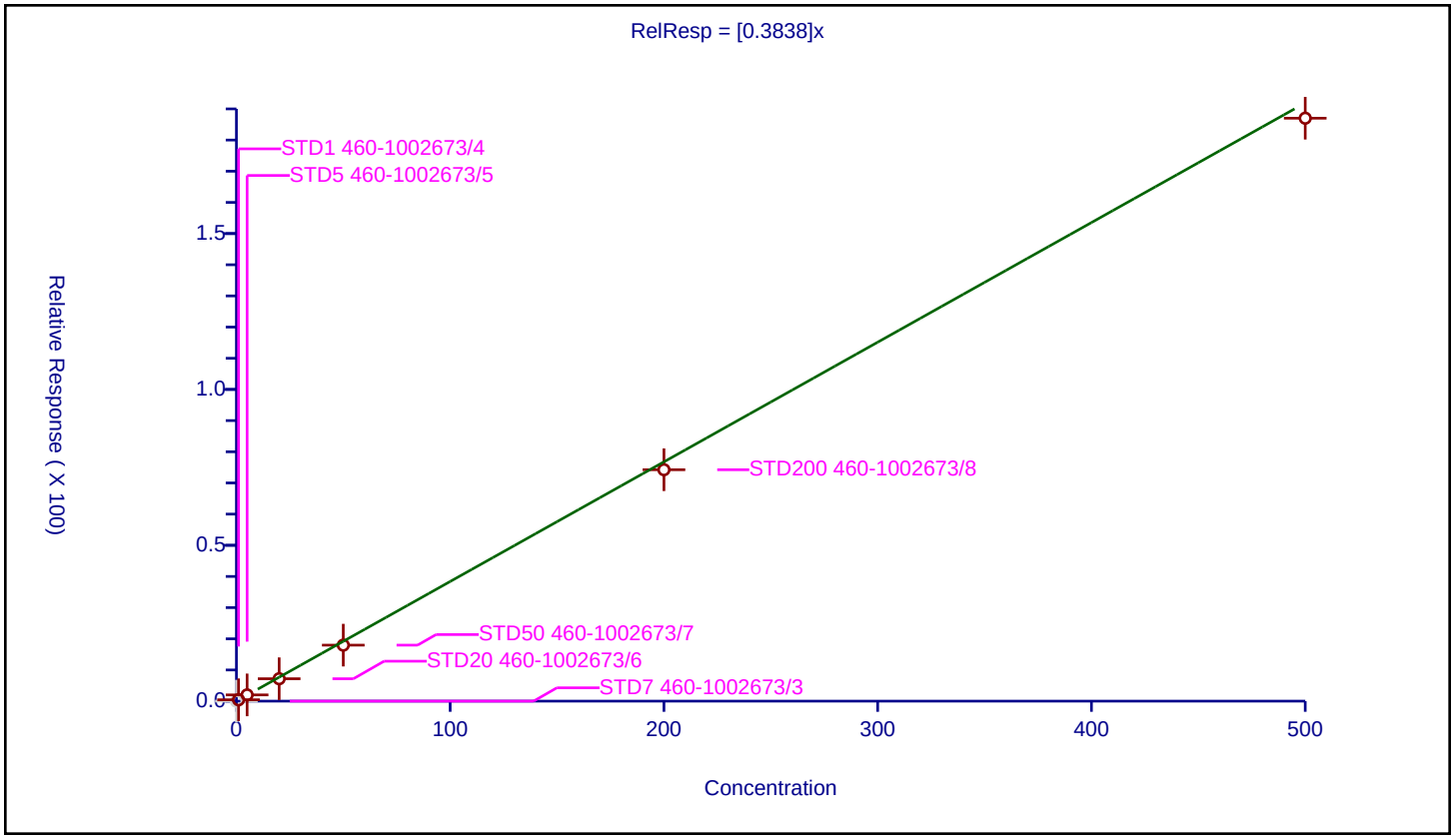
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3838 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.438466 | 50.0 | 628327.0 | 0.438466 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.003375 | 50.0 | 630012.0 | 0.400675 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 7.18646 | 50.0 | 622344.0 | 0.359323 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 17.967972 | 50.0 | 616714.0 | 0.359359 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 74.234907 | 50.0 | 595777.0 | 0.371175 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 187.009265 | 50.0 | 597114.0 | 0.374019 | Y |



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## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

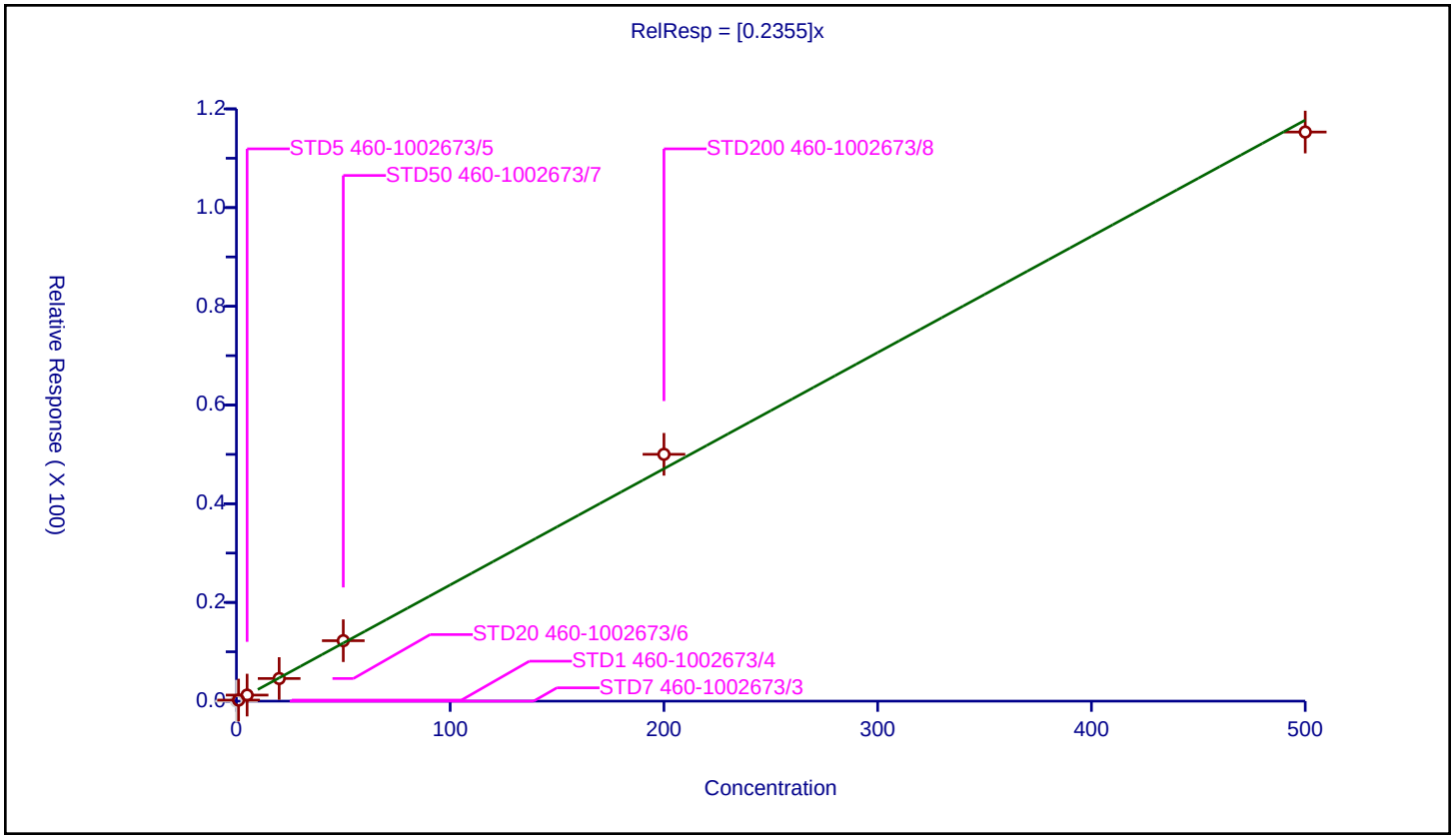
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2355 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.211992 | 50.0 | 628327.0 | 0.211992 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.229659 | 50.0 | 630012.0 | 0.245932 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.583719 | 50.0 | 622344.0 | 0.229186 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.246601 | 50.0 | 616714.0 | 0.244932 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 50.011833 | 50.0 | 595777.0 | 0.250059 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 115.308969 | 50.0 | 597114.0 | 0.230618 | Y |



## Calibration / Acrolein

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

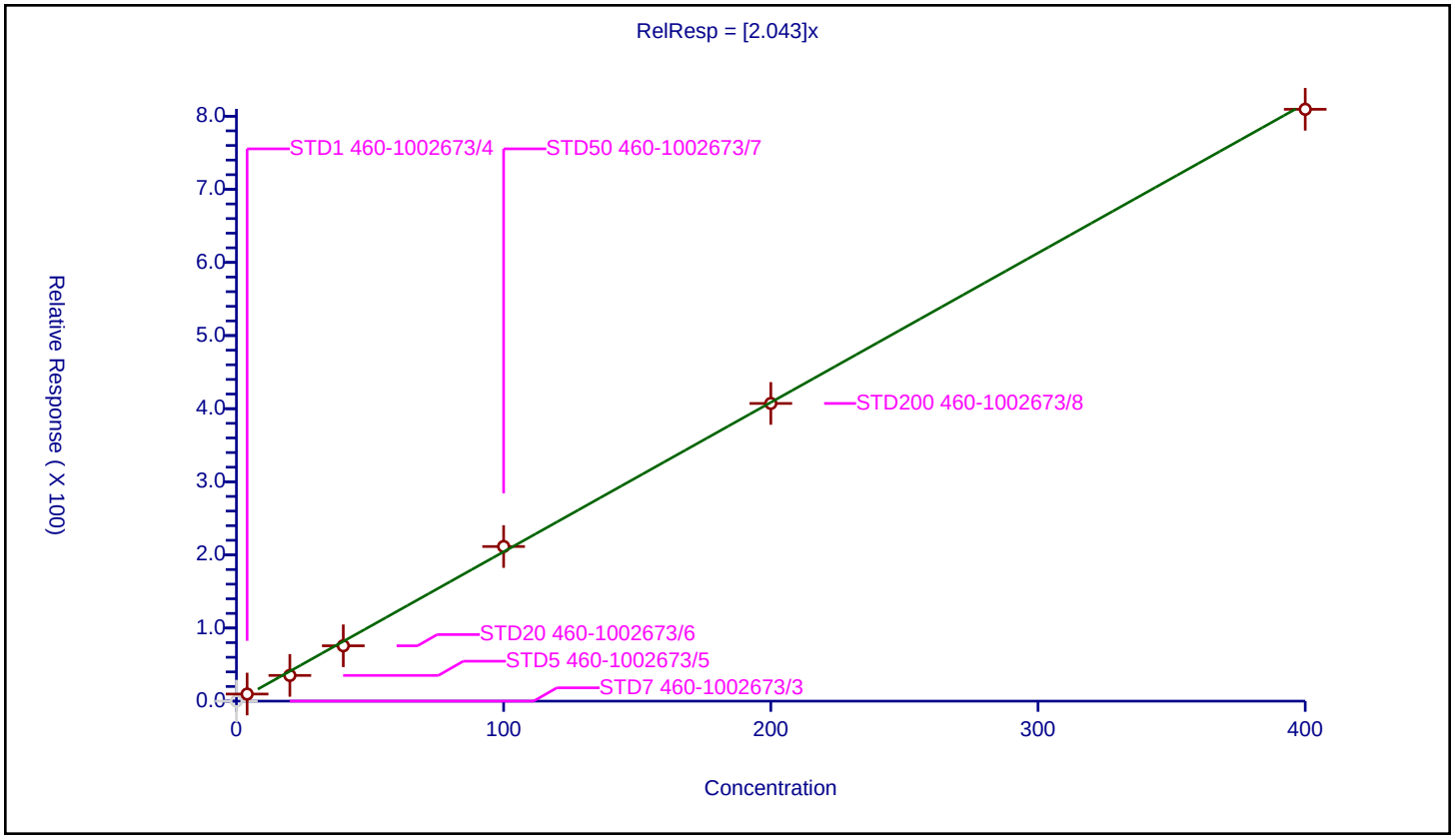
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.043 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 4.0 | 9.724719 | 1000.0 | 184684.0 | 2.43118 | Y |
| 3 | STD5 460-1002673/5 | 20.0 | 35.177709 | 1000.0 | 214255.0 | 1.758885 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 75.721087 | 1000.0 | 214260.0 | 1.893027 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 211.481565 | 1000.0 | 180829.0 | 2.114816 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 407.140722 | 1000.0 | 190681.0 | 2.035704 | Y |
| 7 | STD500 460-1002673/9 | 400.0 | 809.470389 | 1000.0 | 199675.0 | 2.023676 | Y |



## Calibration / 1,1-Dichloroethene

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

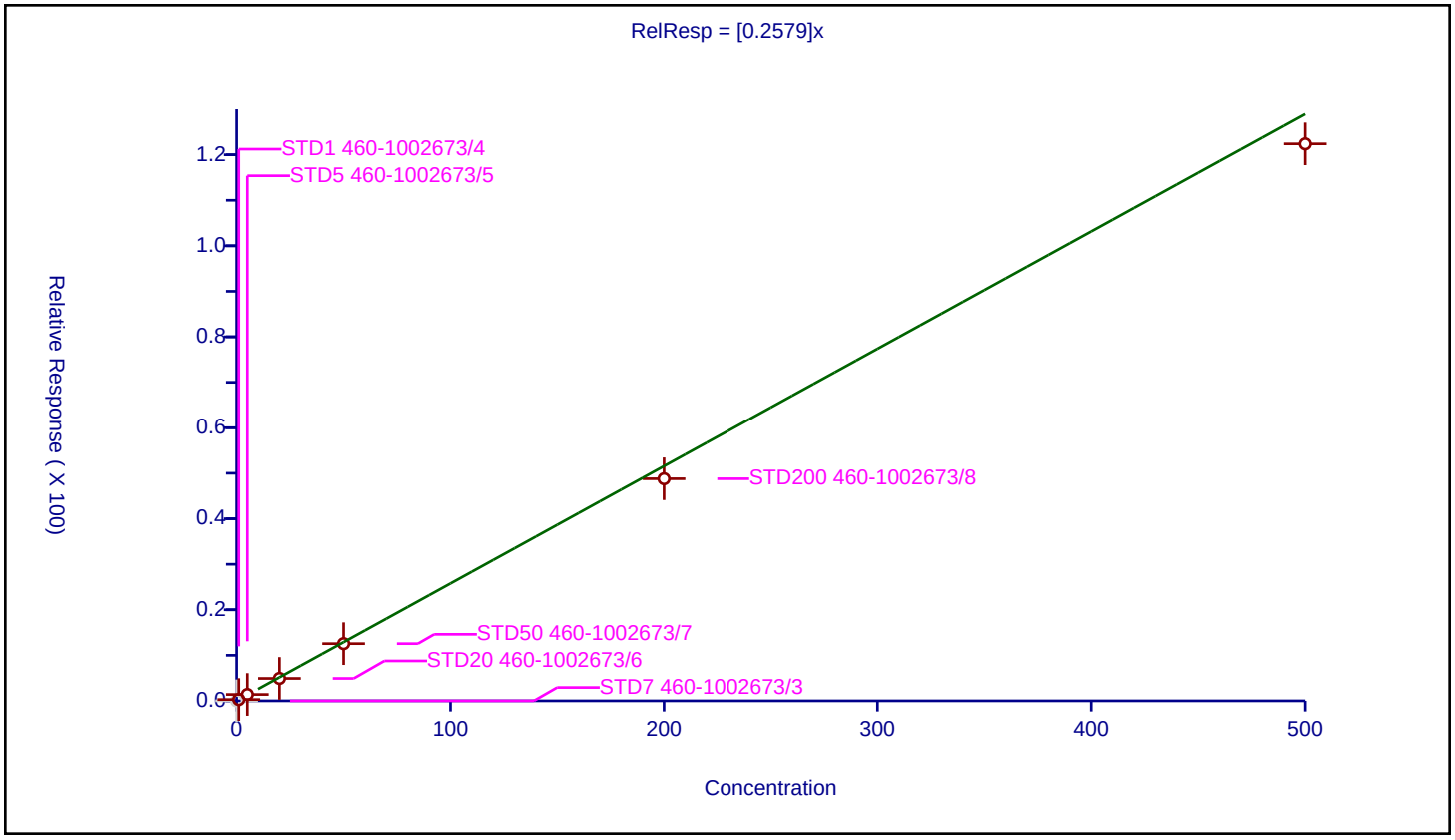
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2579 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.283053 | 50.0 | 628327.0 | 0.283053 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.39164 | 50.0 | 630012.0 | 0.278328 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.917859 | 50.0 | 622344.0 | 0.245893 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.563522 | 50.0 | 616714.0 | 0.25127 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 48.797705 | 50.0 | 595777.0 | 0.243989 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 122.400078 | 50.0 | 597114.0 | 0.2448 | Y |



## Calibration / Acetone

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

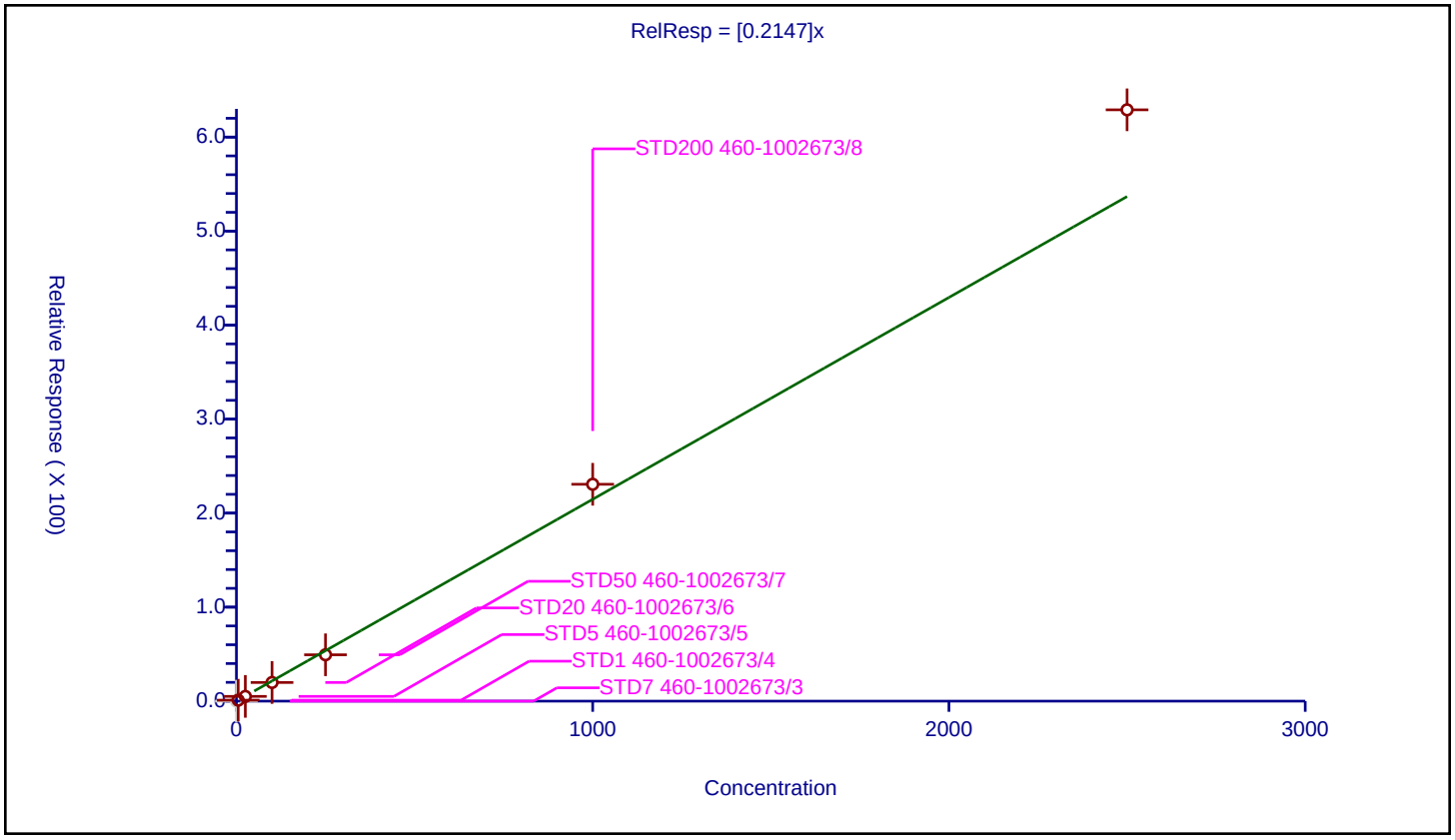
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 5.0 | 1.039121 | 250.0 | 287262.0 | 0.207824 | Y |
| 3 | STD5 460-1002673/5 | 25.0 | 5.056425 | 250.0 | 320780.0 | 0.202257 | Y |
| 4 | STD20 460-1002673/6 | 100.0 | 19.858353 | 250.0 | 320797.0 | 0.198584 | Y |
| 5 | STD50 460-1002673/7 | 250.0 | 49.32454 | 250.0 | 288766.0 | 0.197298 | Y |
| 6 | STD200 460-1002673/8 | 1000.0 | 230.690995 | 250.0 | 295950.0 | 0.230691 | Y |
| 7 | STD500 460-1002673/9 | 2500.0 | 629.018098 | 250.0 | 304124.0 | 0.251607 | Y |



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## Calibration / Isopropyl alcohol

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

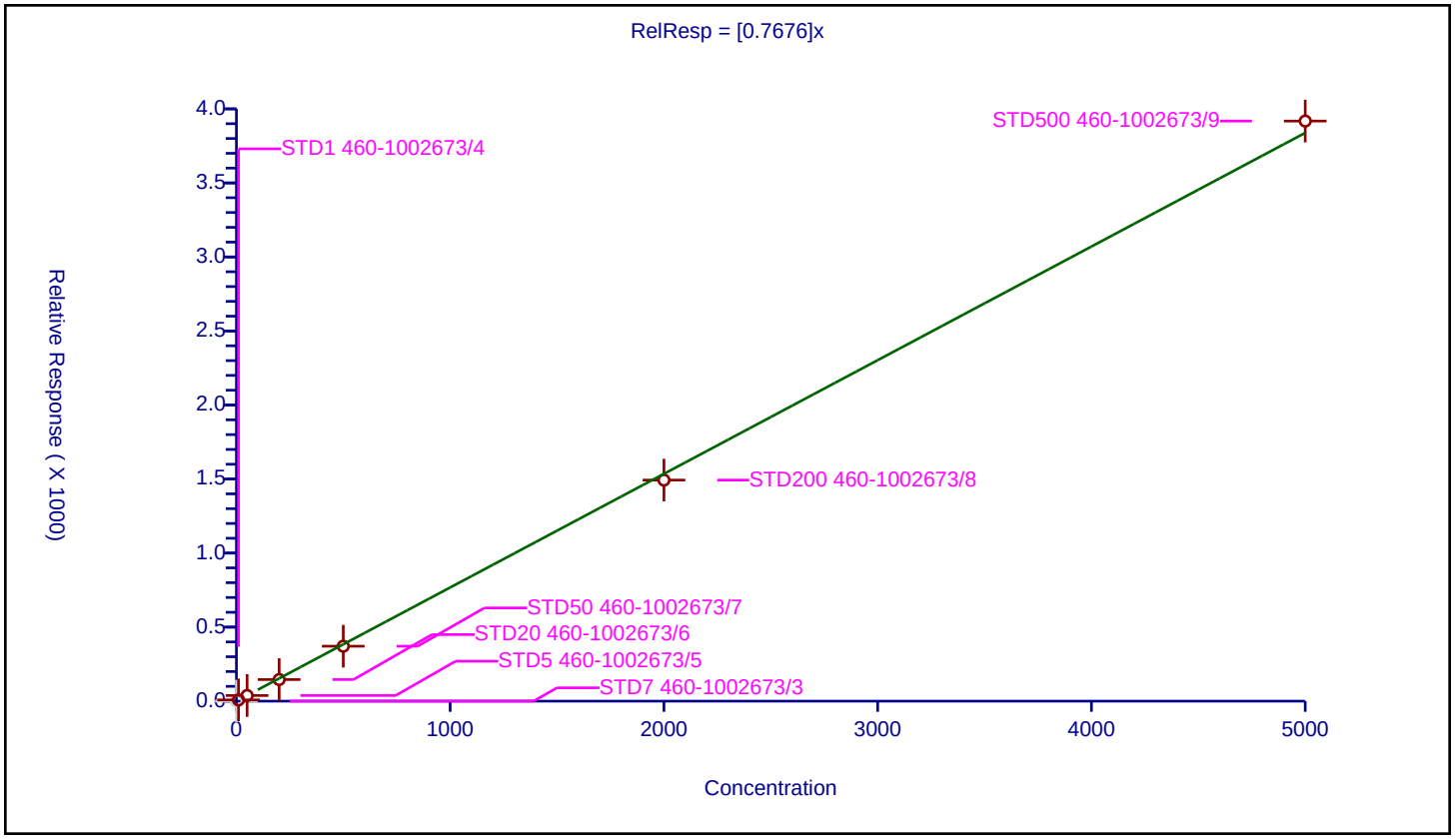
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7676 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 10.0 | 8.452275 | 1000.0 | 184684.0 | 0.845228 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 37.992112 | 1000.0 | 214255.0 | 0.759842 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 145.720153 | 1000.0 | 214260.0 | 0.728601 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 370.963728 | 1000.0 | 180829.0 | 0.741927 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 1492.891269 | 1000.0 | 190681.0 | 0.746446 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 3917.751346 | 1000.0 | 199675.0 | 0.78355 | Y |



## Calibration / Iodomethane

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

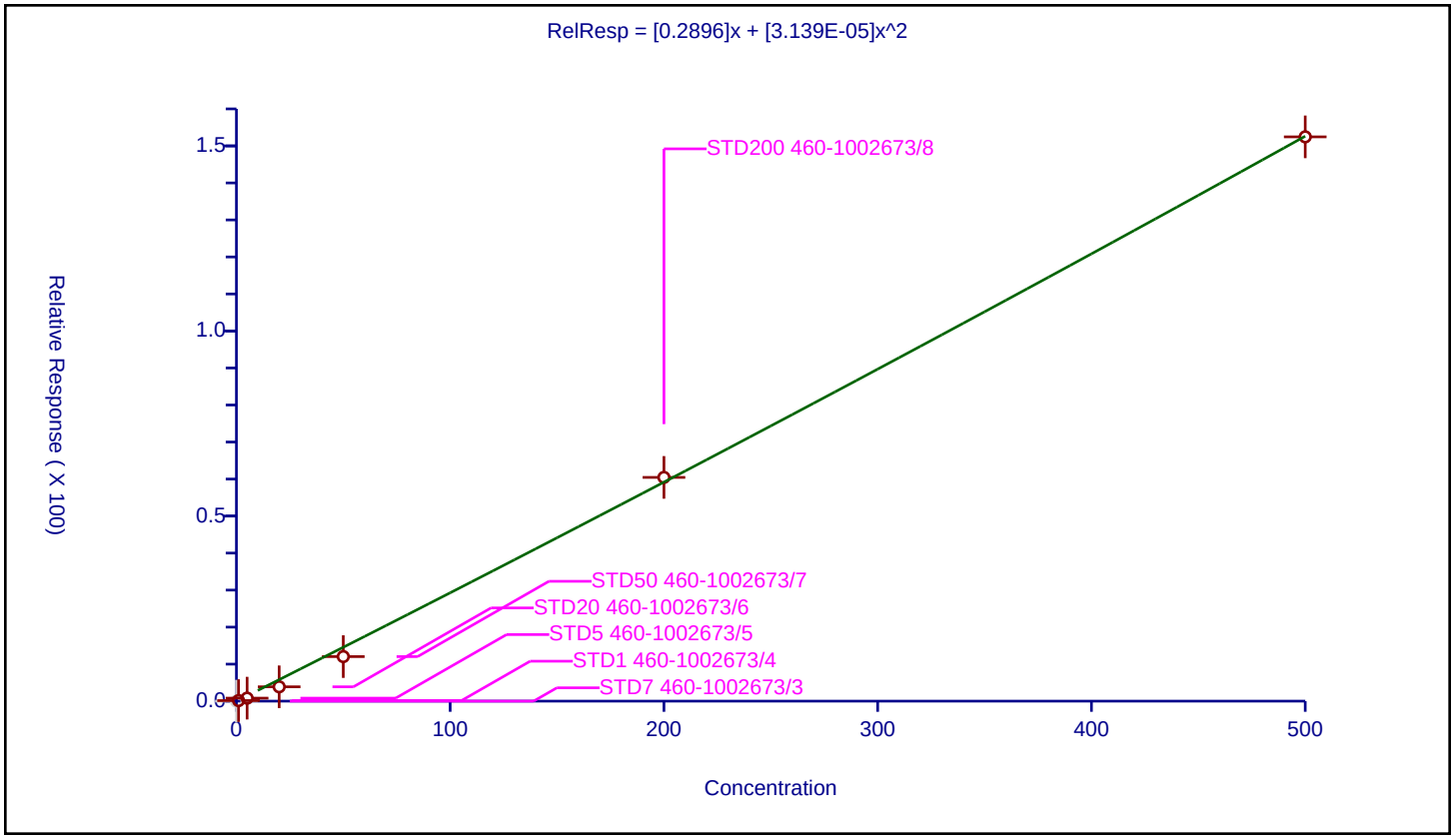
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2896 |
| **Second Order:** | 3.139E-05 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 37.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.148649 | 50.0 | 628327.0 | 0.148649 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.811096 | 50.0 | 630012.0 | 0.162219 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.873983 | 50.0 | 622344.0 | 0.193699 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.037022 | 50.0 | 616714.0 | 0.24074 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 60.447365 | 50.0 | 595777.0 | 0.302237 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 152.447606 | 50.0 | 597114.0 | 0.304895 | Y |



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## Calibration / Carbon disulfide

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

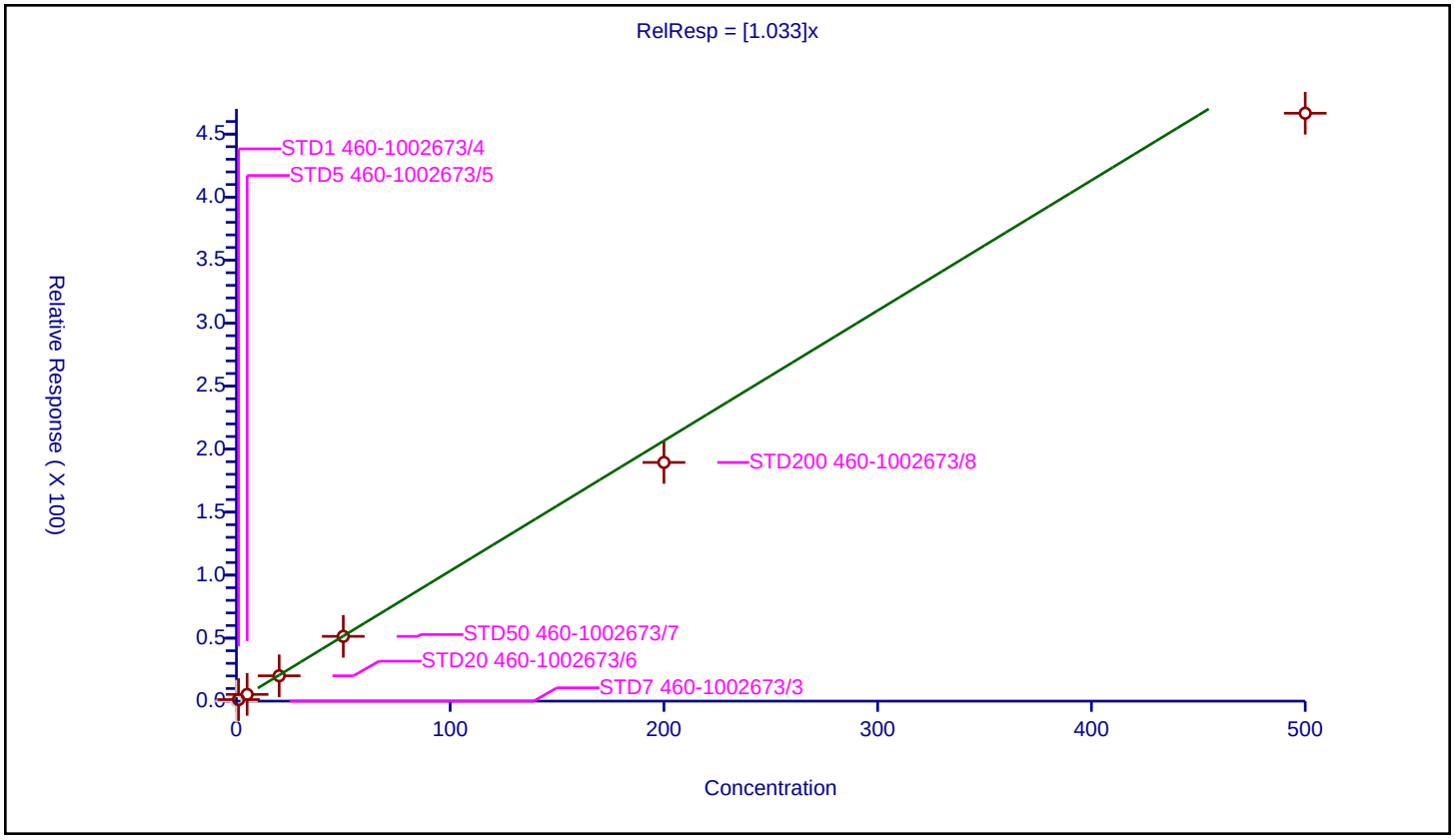
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.033 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.219031 | 50.0 | 628327.0 | 1.219031 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 5.332835 | 50.0 | 630012.0 | 1.066567 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 20.108573 | 50.0 | 622344.0 | 1.005429 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 51.405595 | 50.0 | 616714.0 | 1.028112 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 189.43598 | 50.0 | 595777.0 | 0.94718 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 466.557726 | 50.0 | 597114.0 | 0.933115 | Y |



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## Calibration / 3-Chloro-1-propene

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

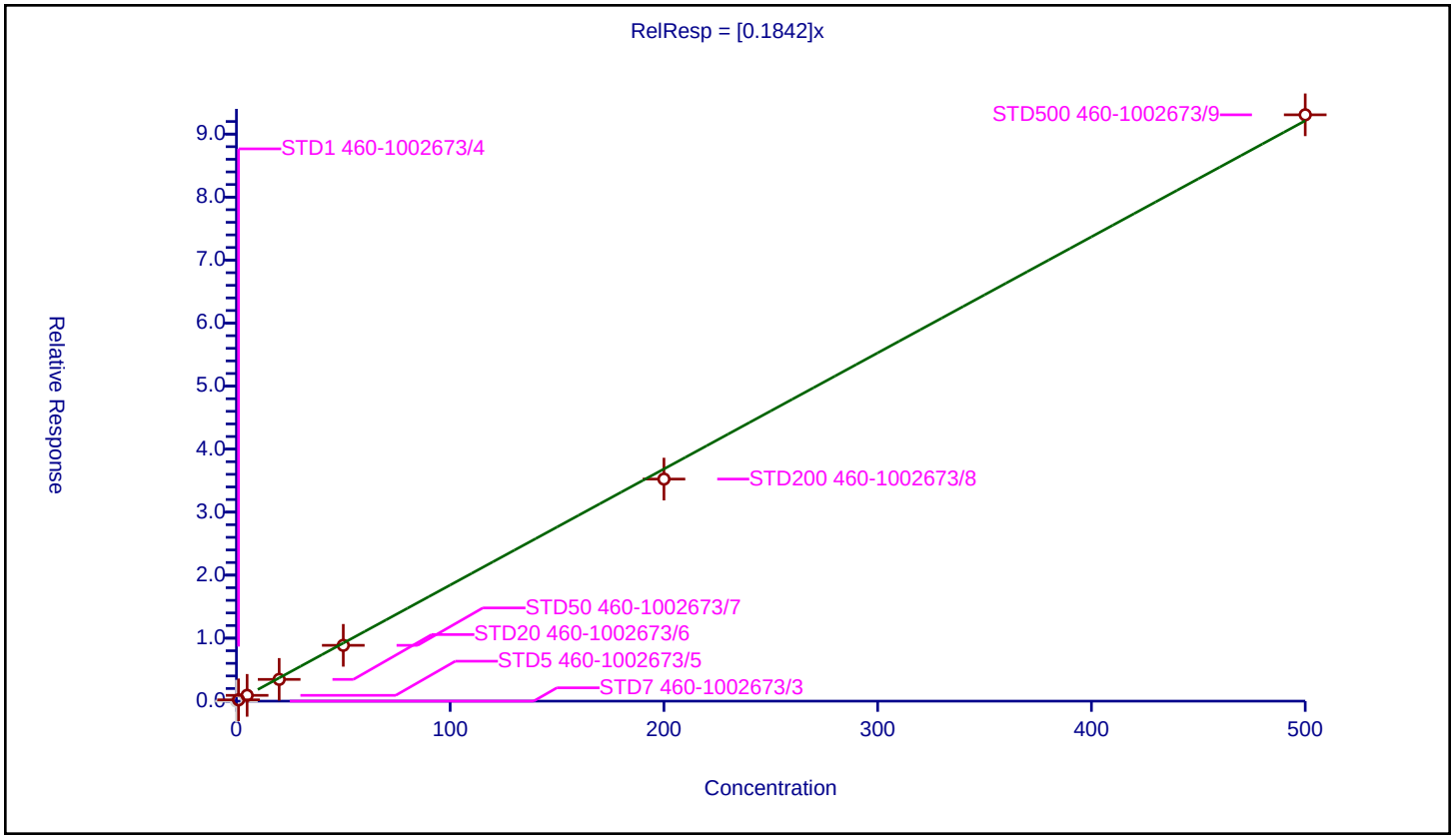
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1842 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.209286 | 50.0 | 628327.0 | 0.209286 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.920697 | 50.0 | 630012.0 | 0.184139 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.4497 | 50.0 | 622344.0 | 0.172485 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 8.860104 | 50.0 | 616714.0 | 0.177202 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 35.246829 | 50.0 | 595777.0 | 0.176234 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 93.060119 | 50.0 | 597114.0 | 0.18612 | Y |



## Calibration / Methyl acetate

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

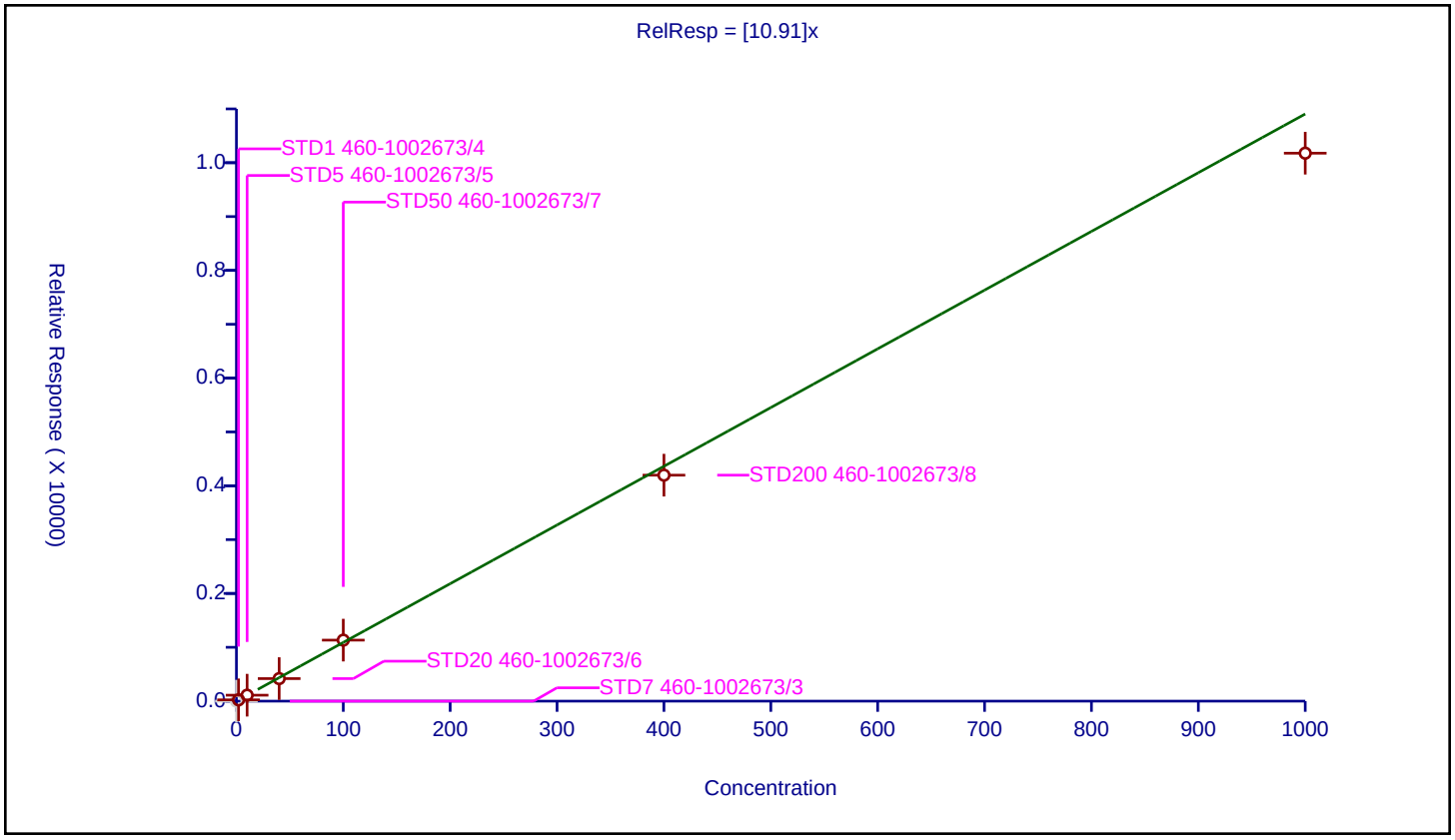
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 10.91 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 23.808235 | 1000.0 | 184684.0 | 11.904117 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 110.611188 | 1000.0 | 214255.0 | 11.061119 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 418.654905 | 1000.0 | 214260.0 | 10.466373 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 1133.015169 | 1000.0 | 180829.0 | 11.330152 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 4197.01491 | 1000.0 | 190681.0 | 10.492537 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 10177.523476 | 1000.0 | 199675.0 | 10.177523 | Y |



## Calibration / Cyclopentene

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

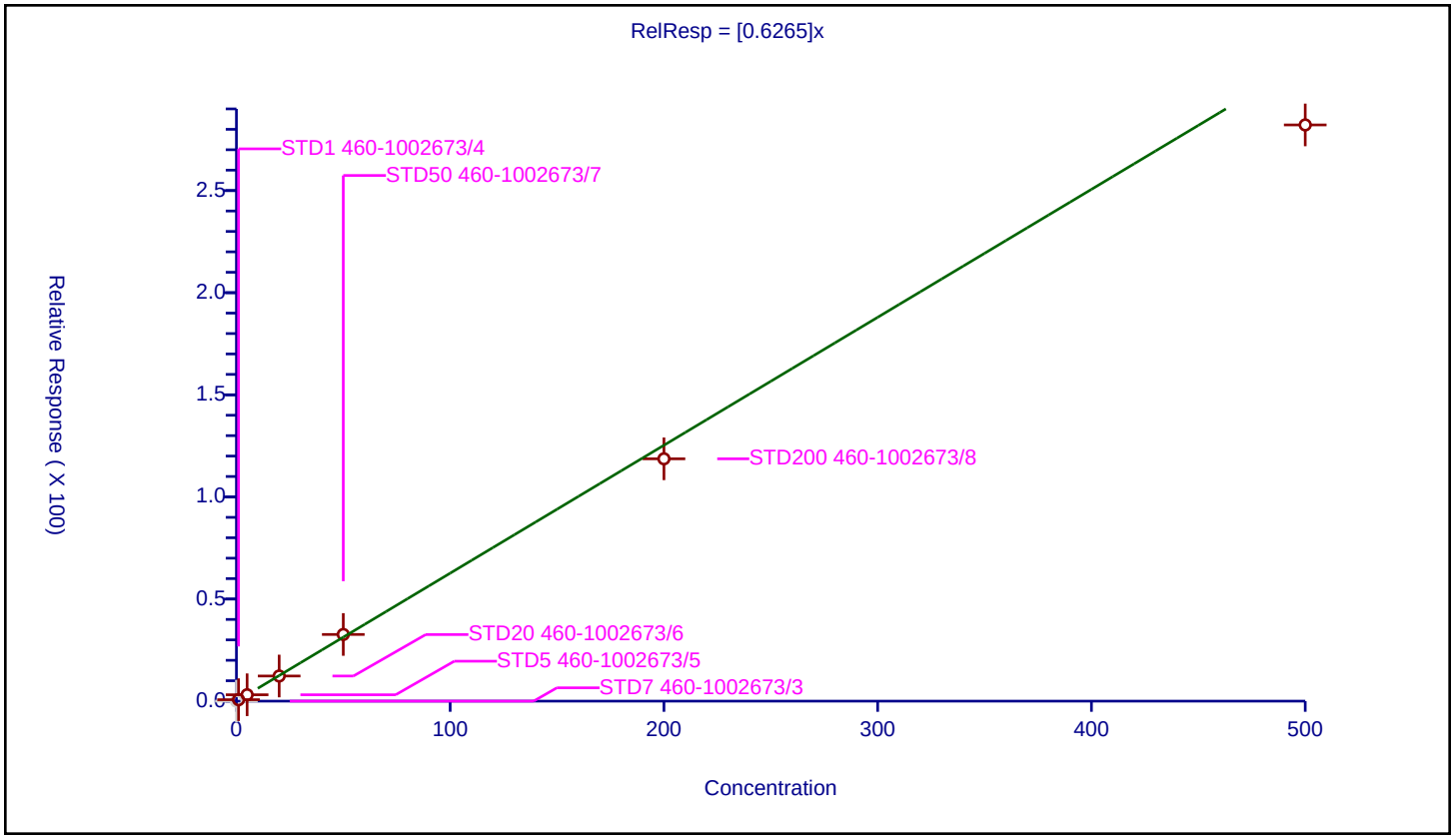
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6265 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.709264 | 50.0 | 628327.0 | 0.709264 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.118909 | 50.0 | 630012.0 | 0.623782 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 12.307984 | 50.0 | 622344.0 | 0.615399 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 32.650467 | 50.0 | 616714.0 | 0.653009 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 118.664953 | 50.0 | 595777.0 | 0.593325 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 282.149891 | 50.0 | 597114.0 | 0.5643 | Y |



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## Calibration / Acetonitrile

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

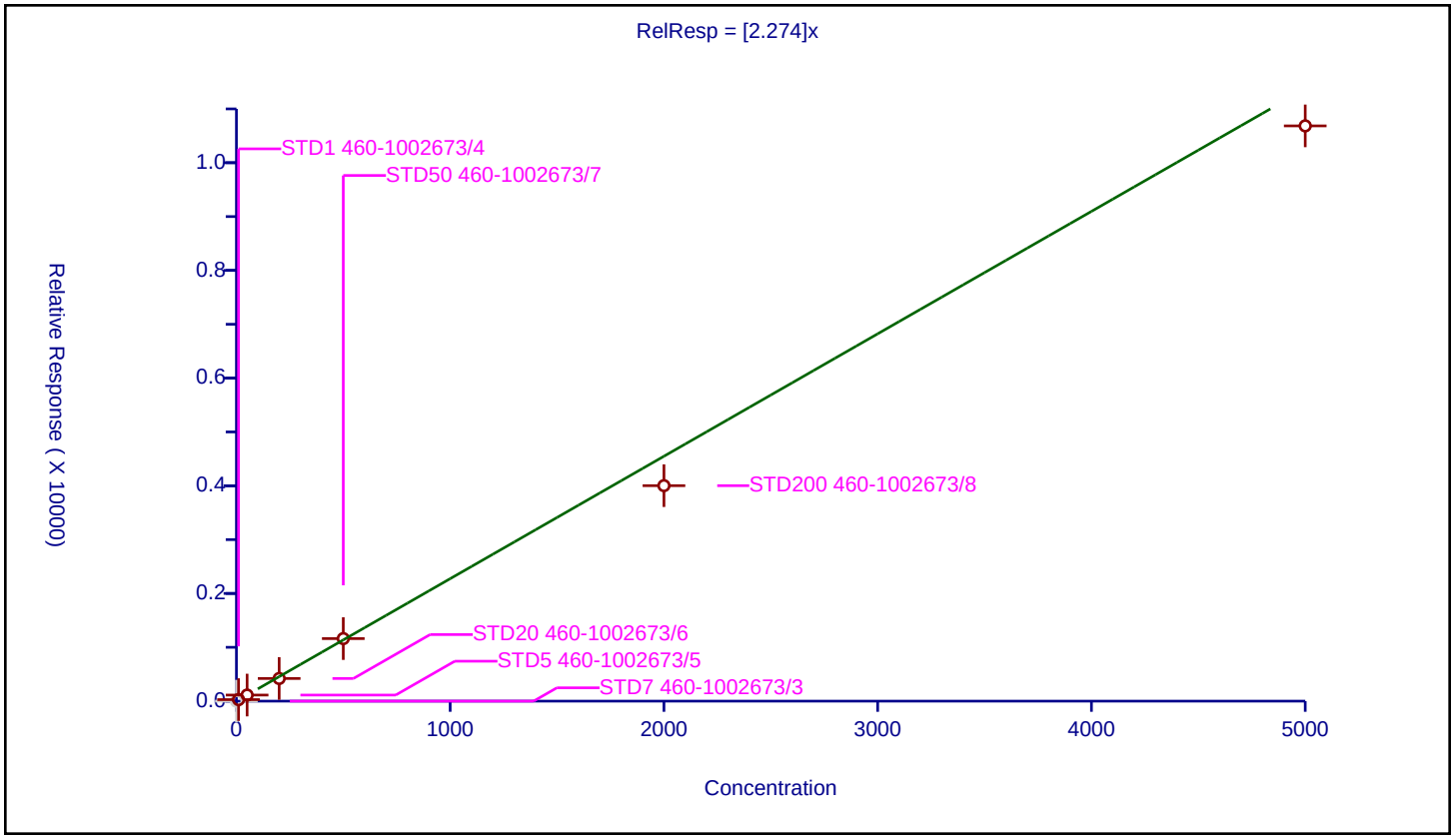
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.274 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 10.0 | 28.221178 | 1000.0 | 184684.0 | 2.822118 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 112.940188 | 1000.0 | 214255.0 | 2.258804 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 420.517129 | 1000.0 | 214260.0 | 2.102586 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 1161.672077 | 1000.0 | 180829.0 | 2.323344 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 4002.276053 | 1000.0 | 190681.0 | 2.001138 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 10684.602479 | 1000.0 | 199675.0 | 2.13692 | Y |



## Calibration / Methylene Chloride

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

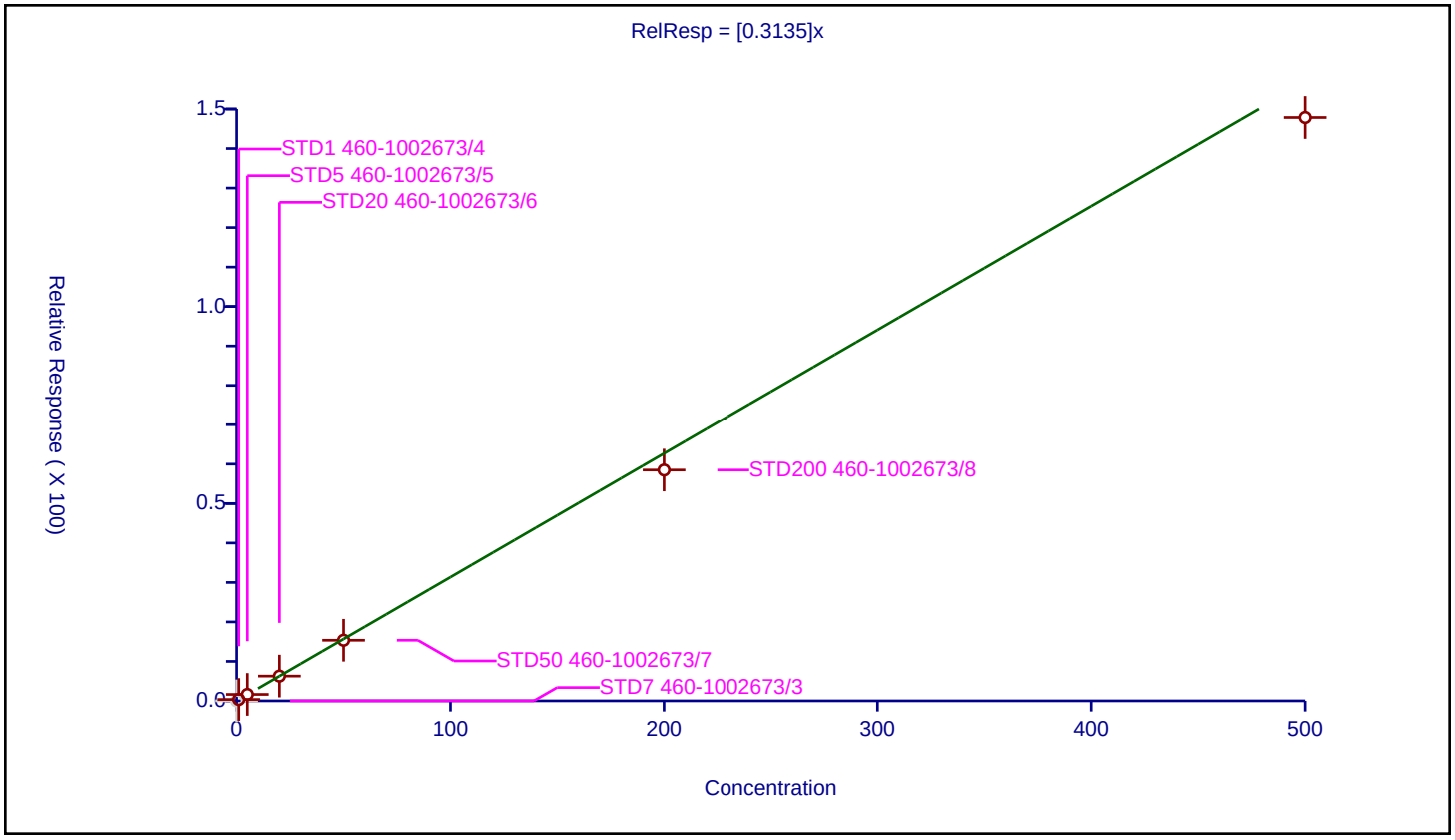
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3135 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.346714 | 50.0 | 628327.0 | 0.346714 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.627509 | 50.0 | 630012.0 | 0.325502 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.273781 | 50.0 | 622344.0 | 0.313689 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.35347 | 50.0 | 616714.0 | 0.307069 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 58.505028 | 50.0 | 595777.0 | 0.292525 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 147.855351 | 50.0 | 597114.0 | 0.295711 | Y |



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## Calibration / 2-Methyl-2-propanol

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

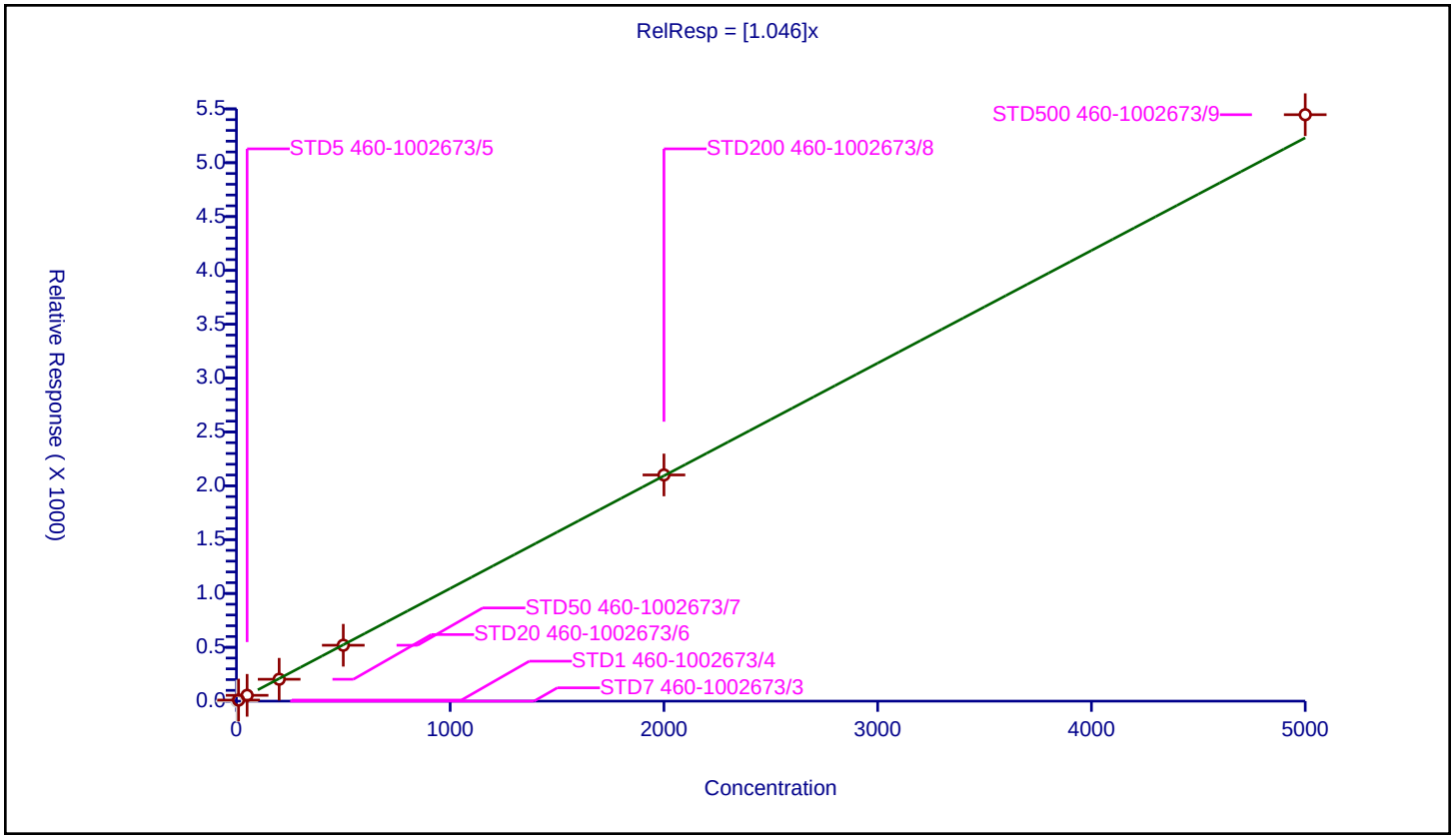
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.046 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 2.0 | 0.0 | 1000.0 | 179752.0 | 0.0 | N |
| 2 | STD1 460-1002673/4 | 10.0 | 10.011696 | 1000.0 | 184684.0 | 1.00117 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 54.141094 | 1000.0 | 214255.0 | 1.082822 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 203.220386 | 1000.0 | 214260.0 | 1.016102 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 519.059443 | 1000.0 | 180829.0 | 1.038119 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 2100.513423 | 1000.0 | 190681.0 | 1.050257 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 5446.064855 | 1000.0 | 199675.0 | 1.089213 | Y |



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

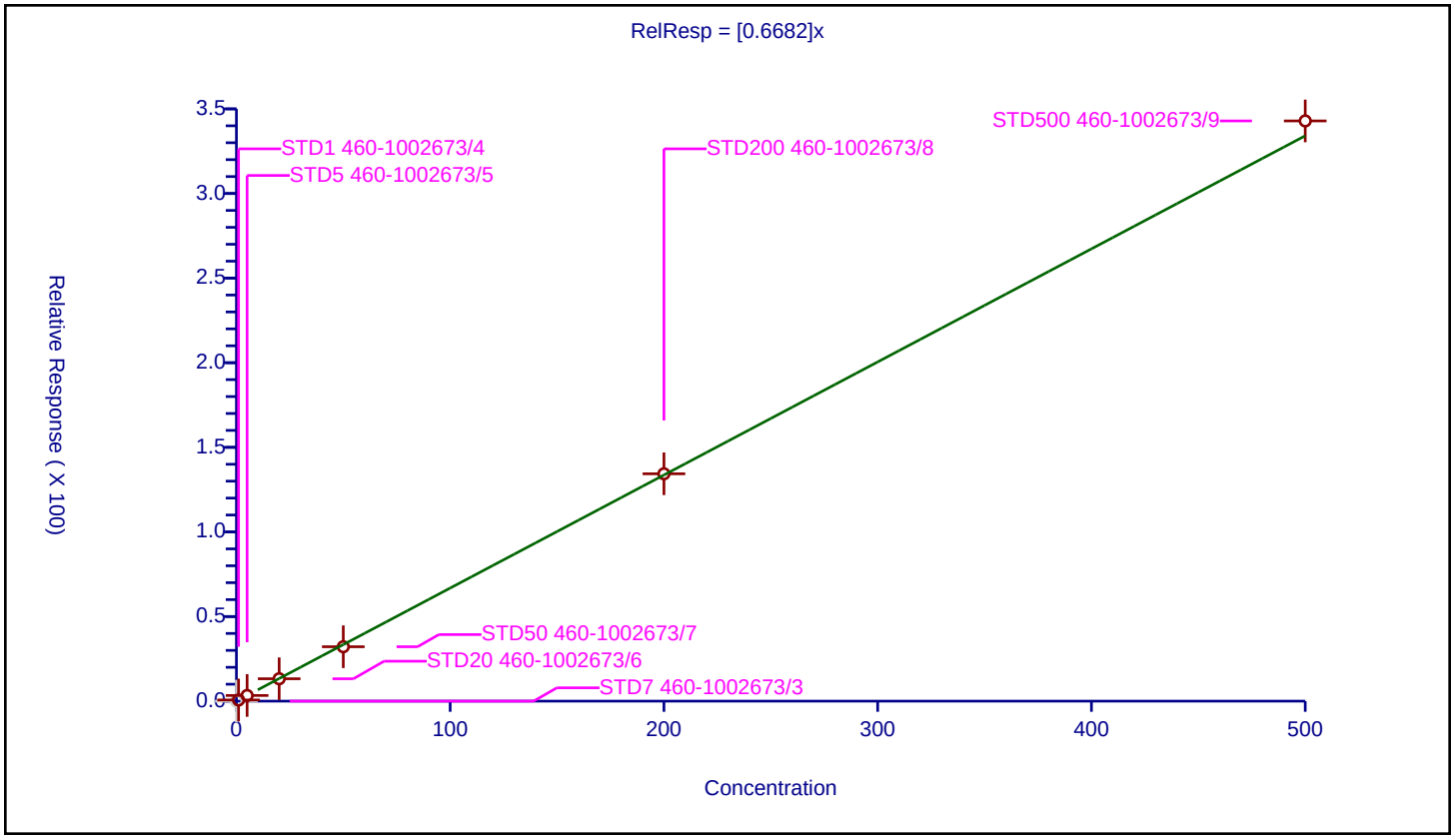
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6682 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.678628 | 50.0 | 628327.0 | 0.678628 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.341444 | 50.0 | 630012.0 | 0.668289 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 13.233035 | 50.0 | 622344.0 | 0.661652 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 32.152992 | 50.0 | 616714.0 | 0.64306 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 134.36227 | 50.0 | 595777.0 | 0.671811 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 342.890051 | 50.0 | 597114.0 | 0.68578 | Y |



## Calibration / trans-1,2-Dichloroethene

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

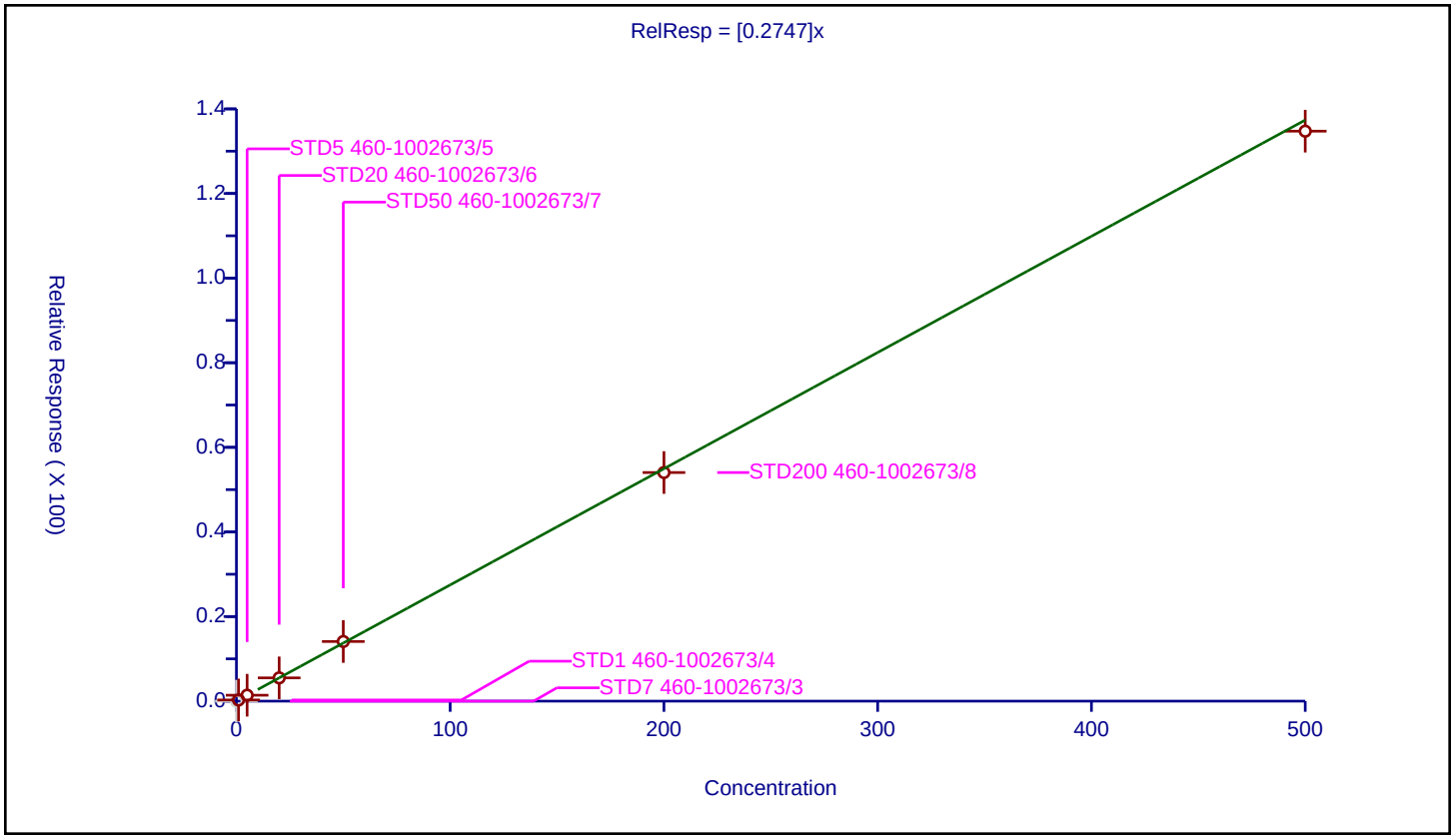
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2747 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.271913 | 50.0 | 628327.0 | 0.271913 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.398465 | 50.0 | 630012.0 | 0.279693 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.500415 | 50.0 | 622344.0 | 0.275021 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.099729 | 50.0 | 616714.0 | 0.281995 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 54.041613 | 50.0 | 595777.0 | 0.270208 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 134.733568 | 50.0 | 597114.0 | 0.269467 | Y |



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

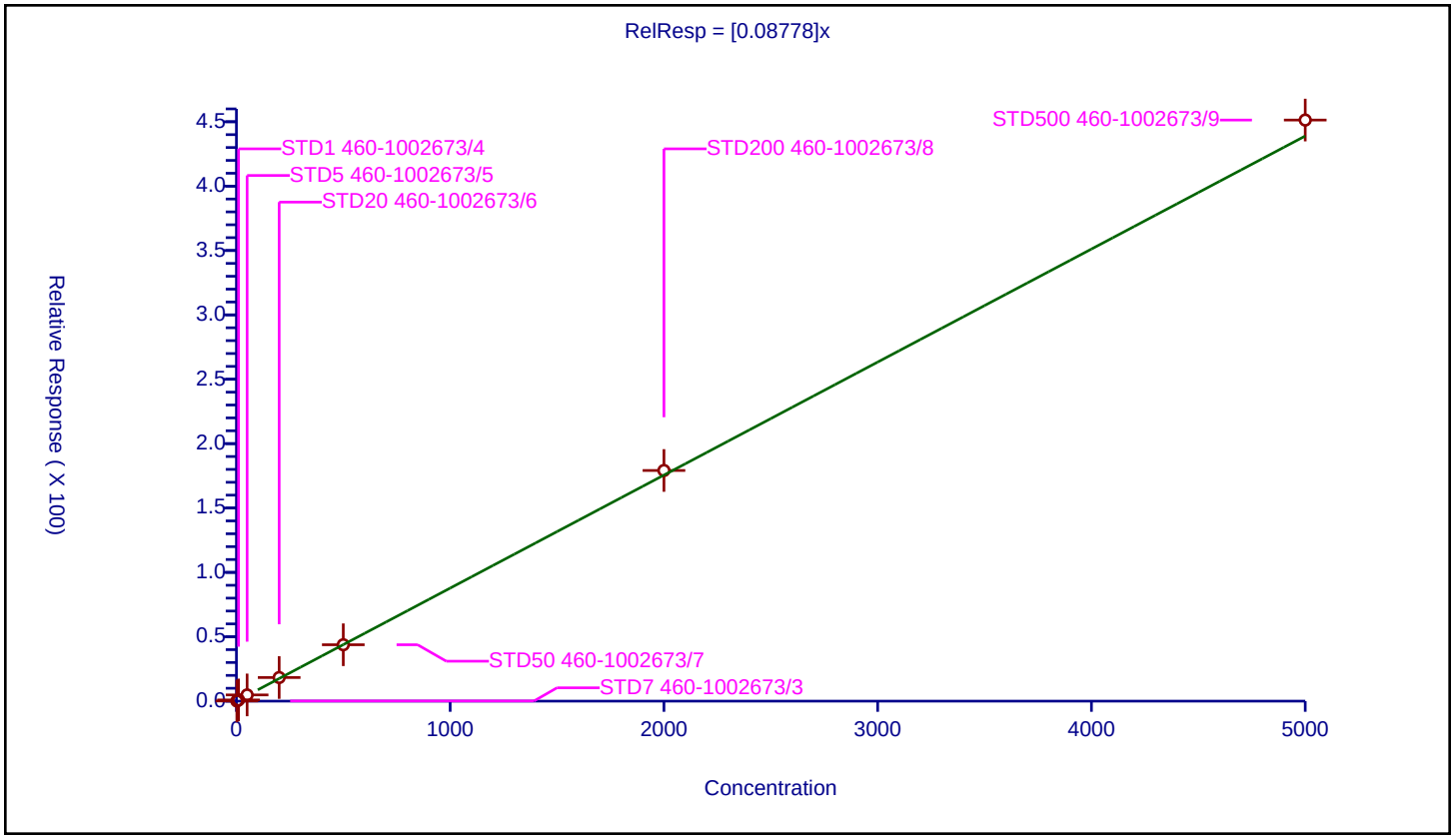
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08778 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 2.0 | 0.132383 | 50.0 | 631121.0 | 0.066192 | Y |
| 2 | STD1 460-1002673/4 | 10.0 | 0.927065 | 50.0 | 628327.0 | 0.092707 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 4.822845 | 50.0 | 630012.0 | 0.096457 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 18.336001 | 50.0 | 622344.0 | 0.09168 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 43.802962 | 50.0 | 616714.0 | 0.087606 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 179.164436 | 50.0 | 595777.0 | 0.089582 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 451.332325 | 50.0 | 597114.0 | 0.090266 | Y |



## Calibration / Hexane

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

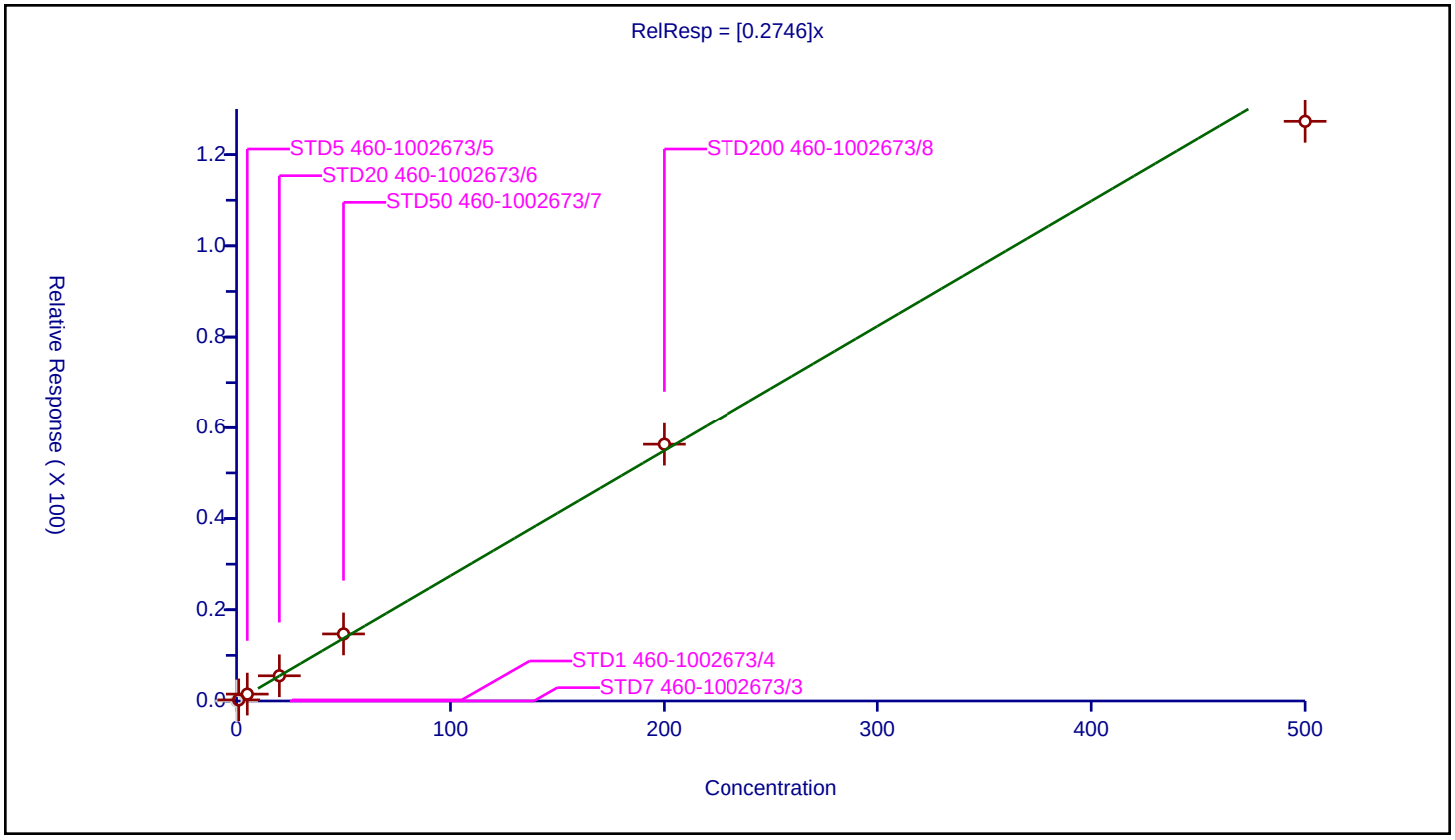
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2746 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.238729 | 50.0 | 628327.0 | 0.238729 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.510765 | 50.0 | 630012.0 | 0.302153 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.52749 | 50.0 | 622344.0 | 0.276374 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.697656 | 50.0 | 616714.0 | 0.293953 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 56.316541 | 50.0 | 595777.0 | 0.281583 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 127.302073 | 50.0 | 597114.0 | 0.254604 | Y |



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## Calibration / Isopropyl ether

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

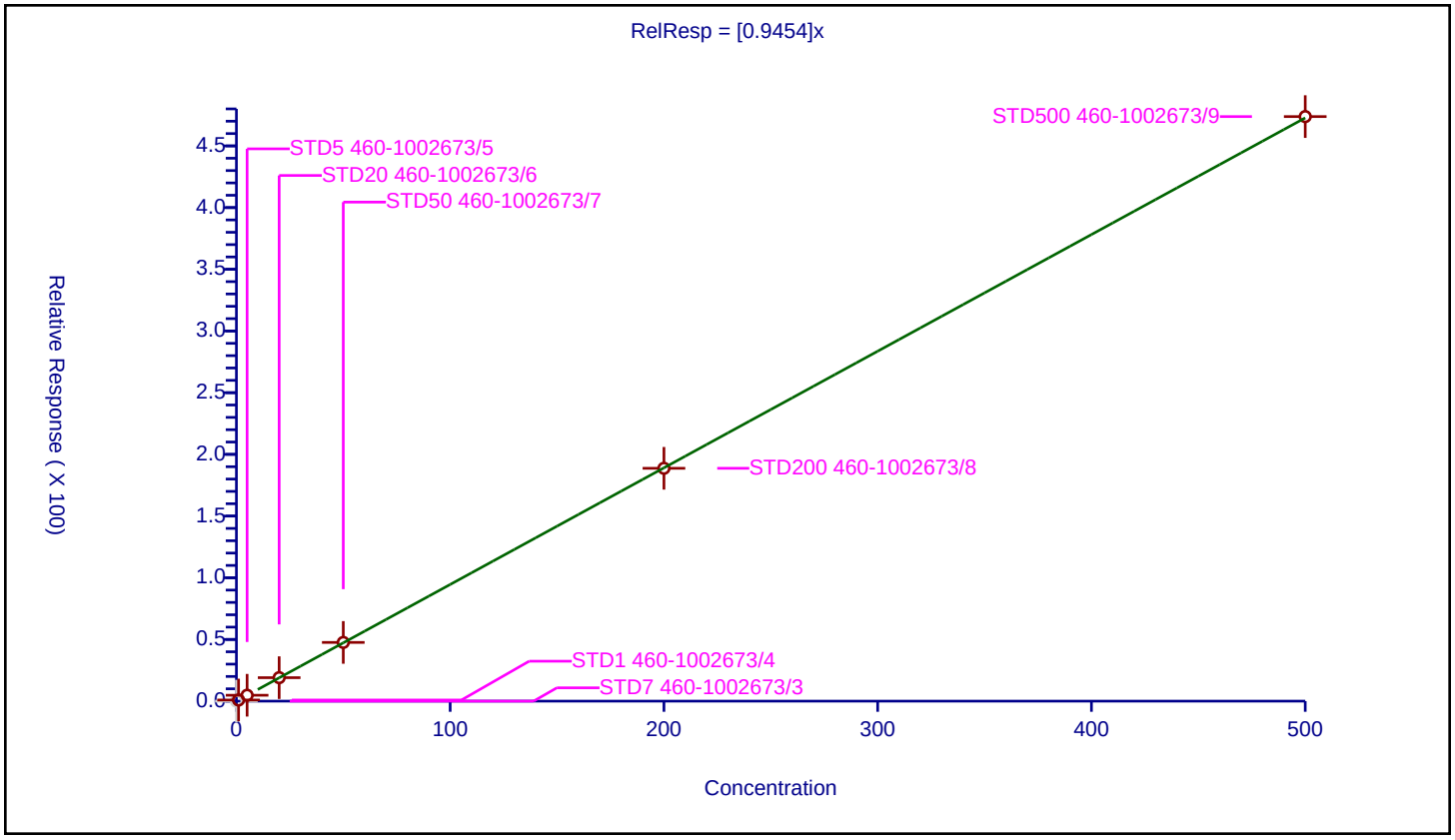
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9454 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.92245 | 50.0 | 628327.0 | 0.92245 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.777846 | 50.0 | 630012.0 | 0.955569 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 19.033043 | 50.0 | 622344.0 | 0.951652 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 47.576429 | 50.0 | 616714.0 | 0.951529 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 188.716835 | 50.0 | 595777.0 | 0.943584 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 473.771926 | 50.0 | 597114.0 | 0.947544 | Y |



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## Calibration / 1,1-Dichloroethane

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

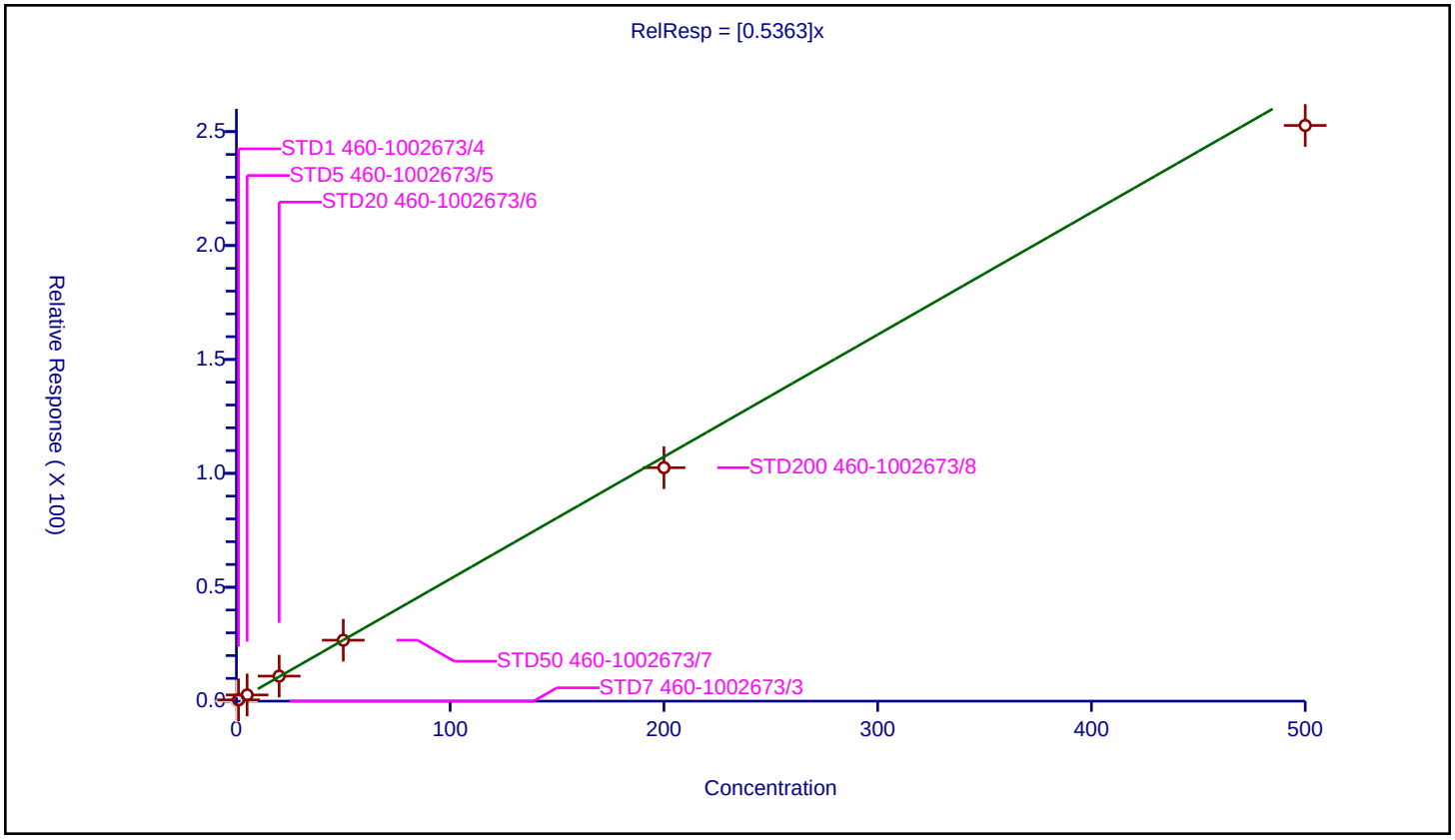
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5363 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.568016 | 50.0 | 628327.0 | 0.568016 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.73463 | 50.0 | 630012.0 | 0.546926 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 10.997294 | 50.0 | 622344.0 | 0.549865 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 26.754298 | 50.0 | 616714.0 | 0.535086 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 102.494809 | 50.0 | 595777.0 | 0.512474 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 252.731639 | 50.0 | 597114.0 | 0.505463 | Y |



## Calibration / Vinyl acetate

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

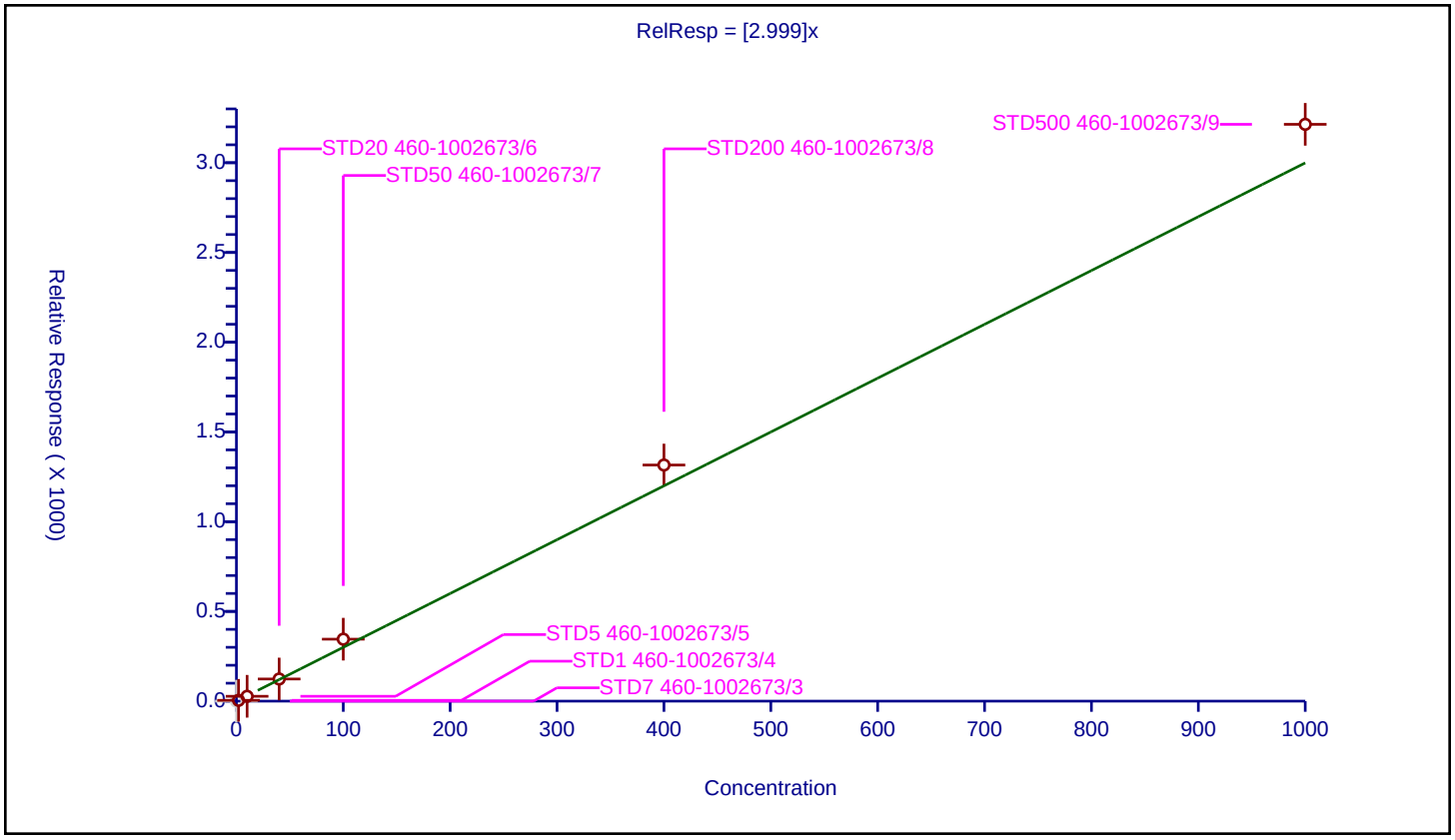
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.999 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 4.499578 | 1000.0 | 184684.0 | 2.249789 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 27.023873 | 1000.0 | 214255.0 | 2.702387 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 123.44348 | 1000.0 | 214260.0 | 3.086087 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 345.331778 | 1000.0 | 180829.0 | 3.453318 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 1315.6476 | 1000.0 | 190681.0 | 3.289119 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 3213.927632 | 1000.0 | 199675.0 | 3.213928 | Y |



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## Calibration / 2-Chloro-1,3-butadiene

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

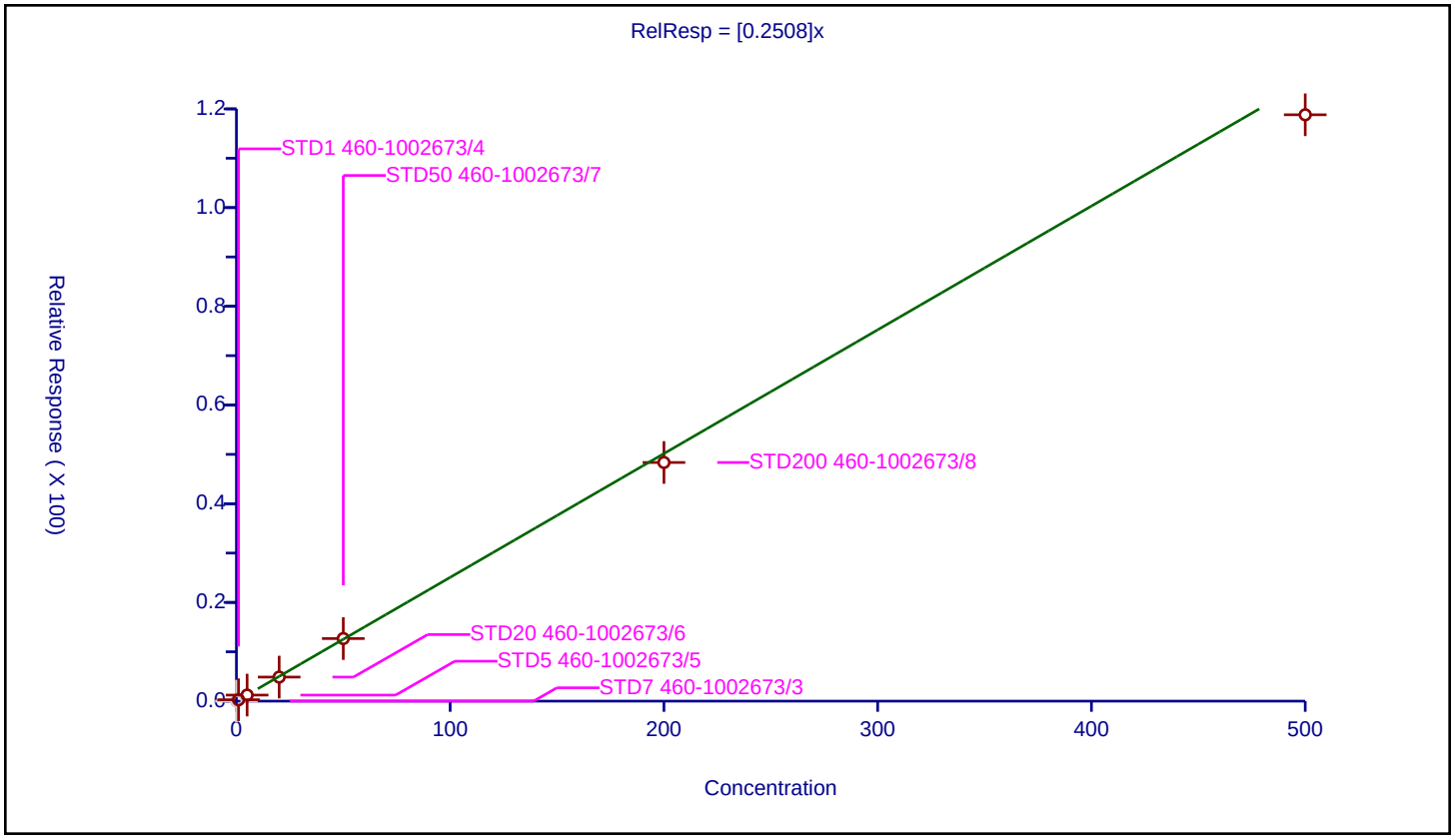
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2508 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.282019 | 50.0 | 628327.0 | 0.282019 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.230135 | 50.0 | 630012.0 | 0.246027 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.873269 | 50.0 | 622344.0 | 0.243663 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.681162 | 50.0 | 616714.0 | 0.253623 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 48.35618 | 50.0 | 595777.0 | 0.241781 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 118.805622 | 50.0 | 597114.0 | 0.237611 | Y |



## Calibration / Tert-butyl ethyl ether

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

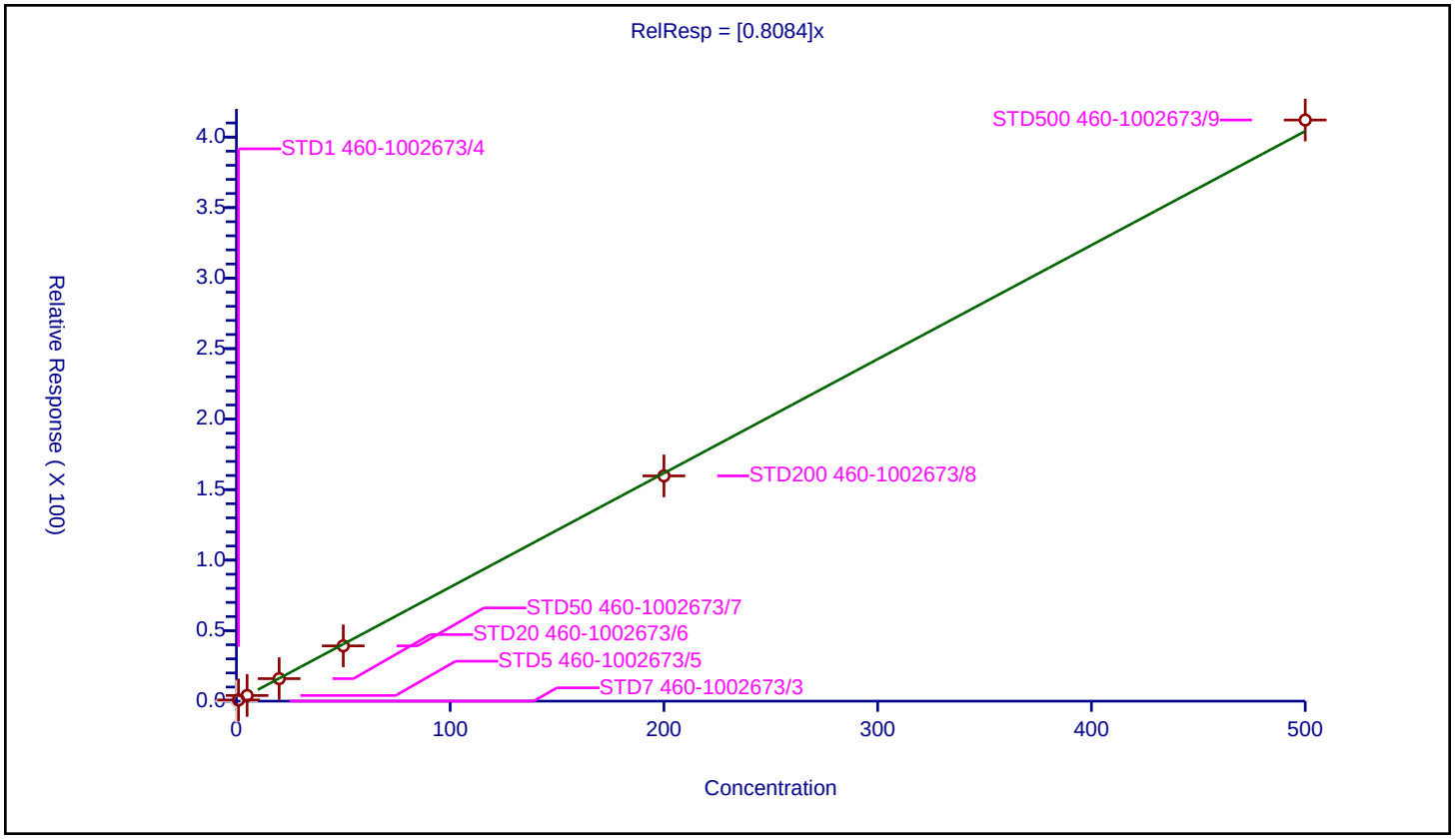
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.847329 | 50.0 | 628327.0 | 0.847329 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.994051 | 50.0 | 630012.0 | 0.79881 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 15.947611 | 50.0 | 622344.0 | 0.797381 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 39.194424 | 50.0 | 616714.0 | 0.783888 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 159.734179 | 50.0 | 595777.0 | 0.798671 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 412.099448 | 50.0 | 597114.0 | 0.824199 | Y |



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## Calibration / 2,2-Dichloropropane

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

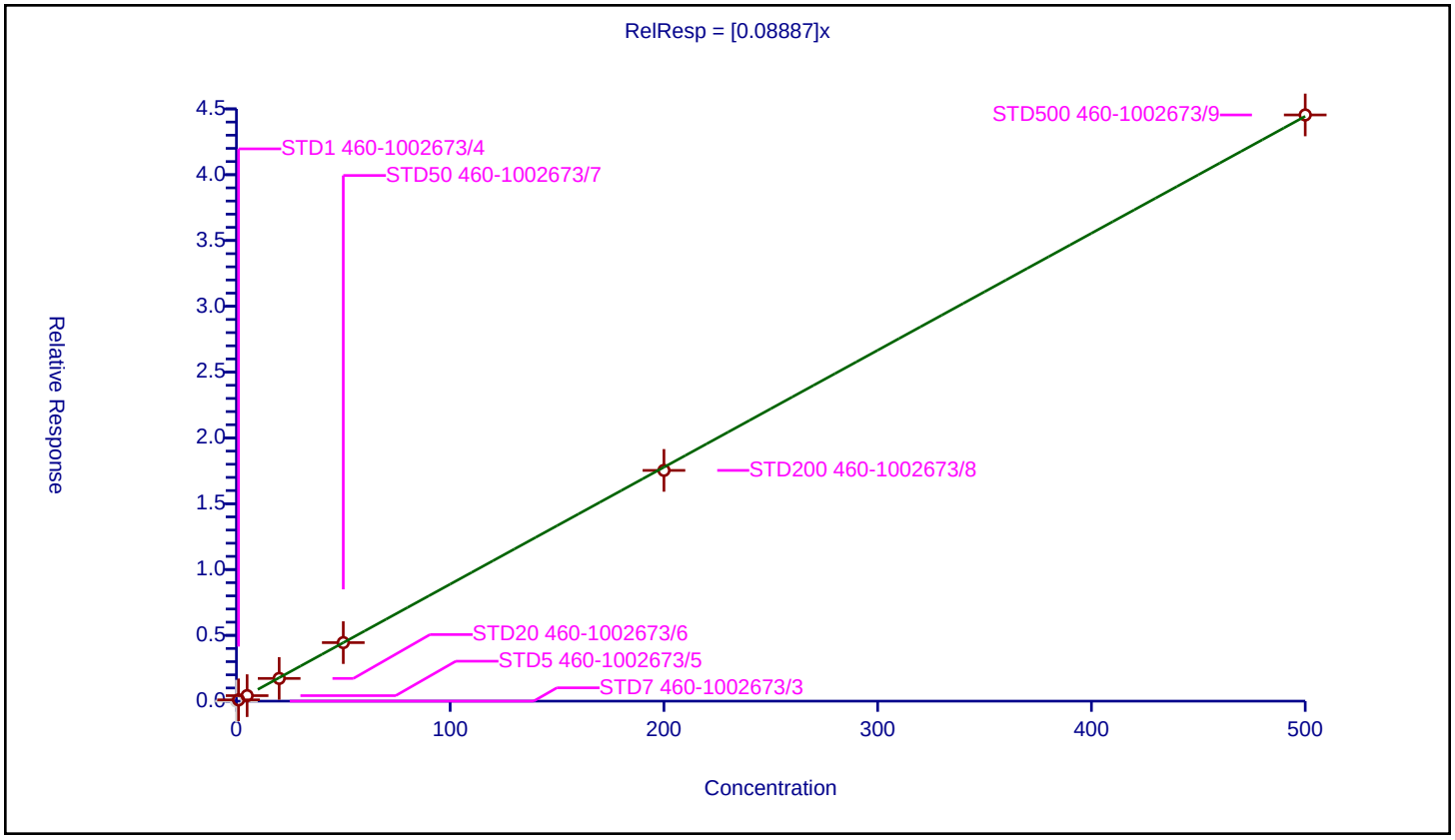
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08887 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.09772 | 50.0 | 628327.0 | 0.09772 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.41769 | 50.0 | 630012.0 | 0.083538 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 1.725814 | 50.0 | 622344.0 | 0.086291 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 4.447523 | 50.0 | 616714.0 | 0.08895 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 17.532063 | 50.0 | 595777.0 | 0.08766 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 44.541076 | 50.0 | 597114.0 | 0.089082 | Y |



## Calibration / cis-1,2-Dichloroethene

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

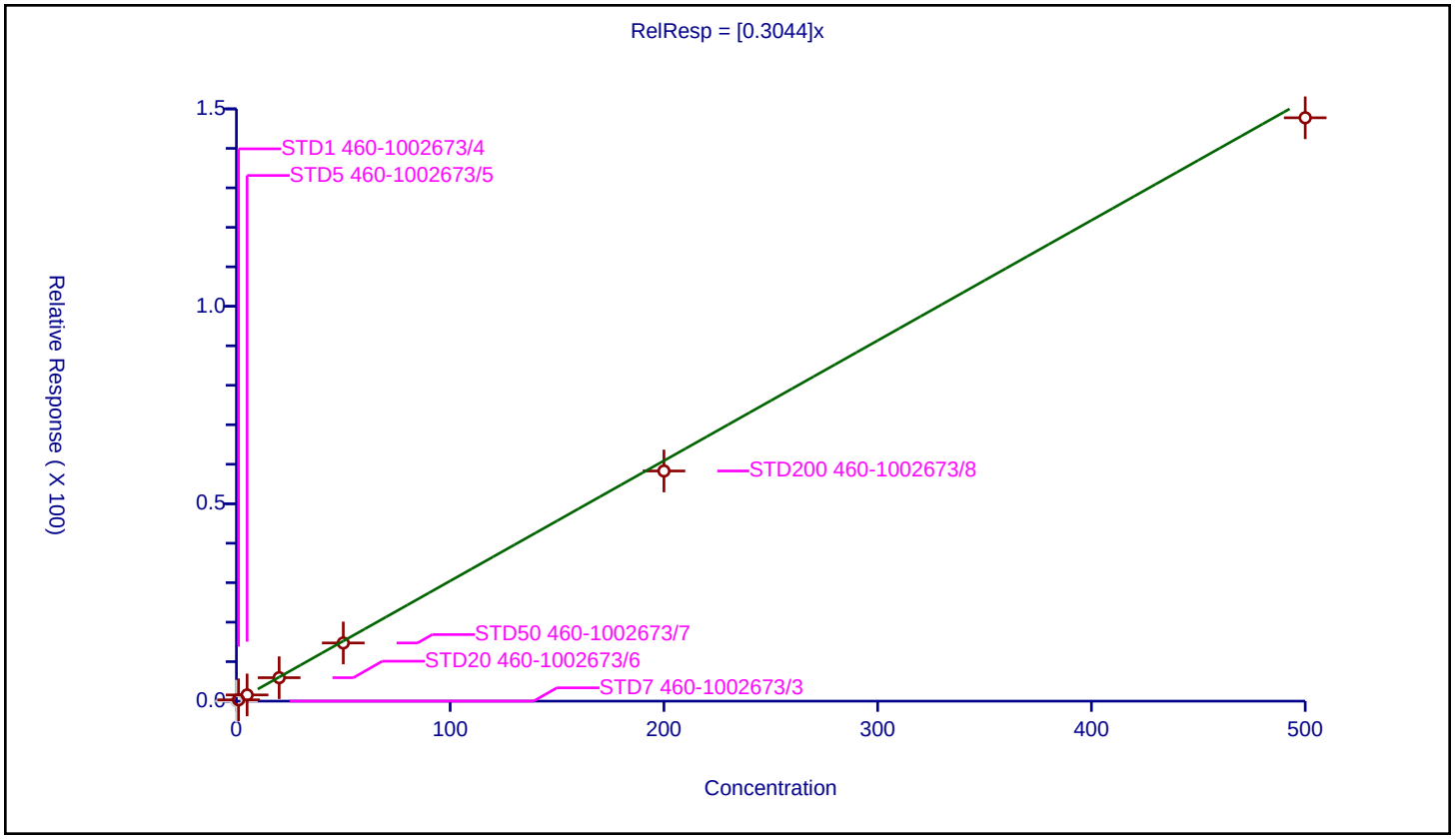
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3044 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.333107 | 50.0 | 628327.0 | 0.333107 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.574256 | 50.0 | 630012.0 | 0.314851 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.940846 | 50.0 | 622344.0 | 0.297042 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.735518 | 50.0 | 616714.0 | 0.29471 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 58.290602 | 50.0 | 595777.0 | 0.291453 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 147.748001 | 50.0 | 597114.0 | 0.295496 | Y |



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## Calibration / Ethyl acetate

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

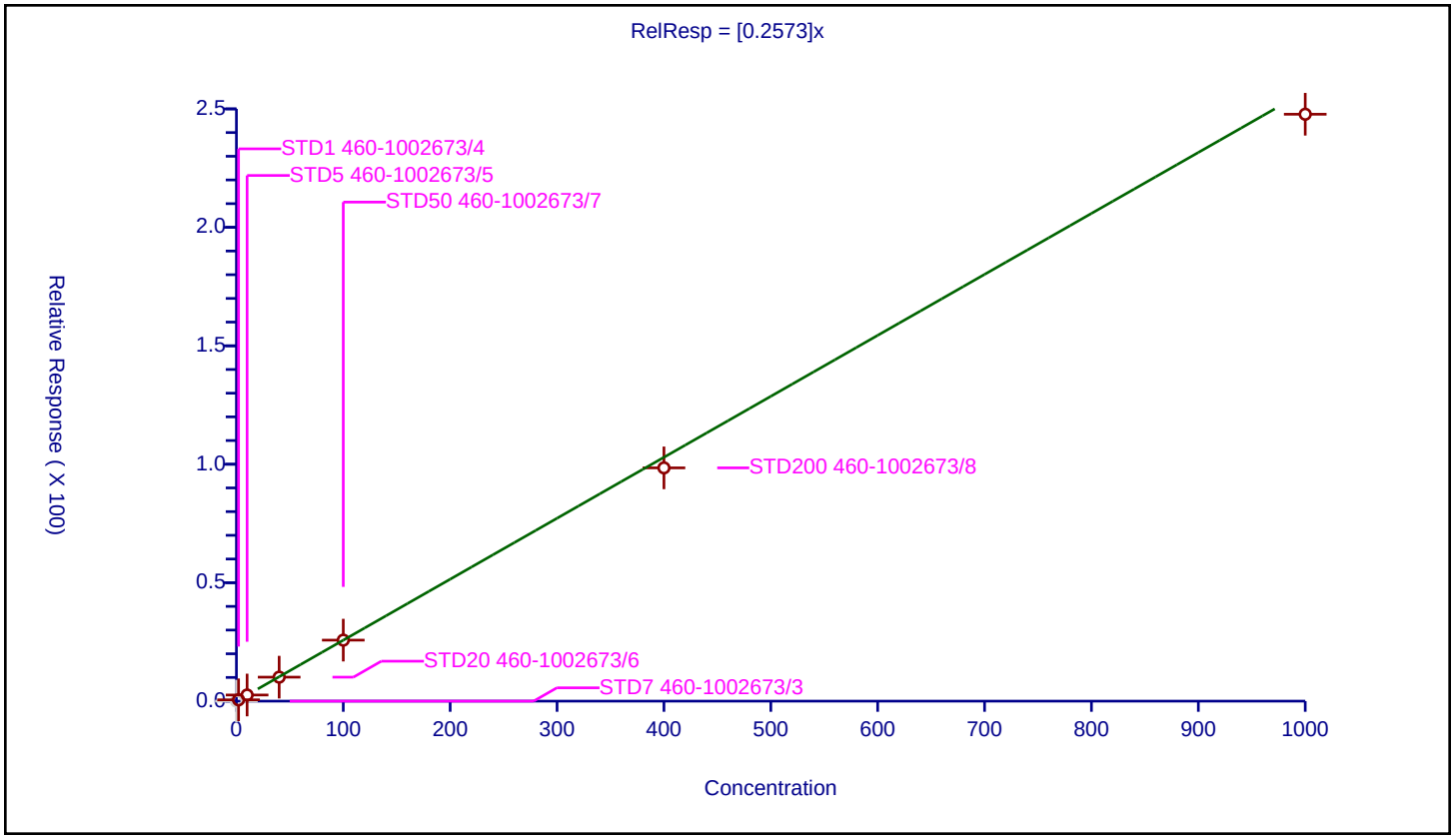
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2573 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 0.560464 | 250.0 | 287262.0 | 0.280232 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 2.59134 | 250.0 | 320780.0 | 0.259134 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 10.129459 | 250.0 | 320797.0 | 0.253236 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 25.749223 | 250.0 | 288766.0 | 0.257492 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 98.47187 | 250.0 | 295950.0 | 0.24618 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 247.744341 | 250.0 | 304124.0 | 0.247744 | Y |



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## Calibration / 2-Butanone (MEK)

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

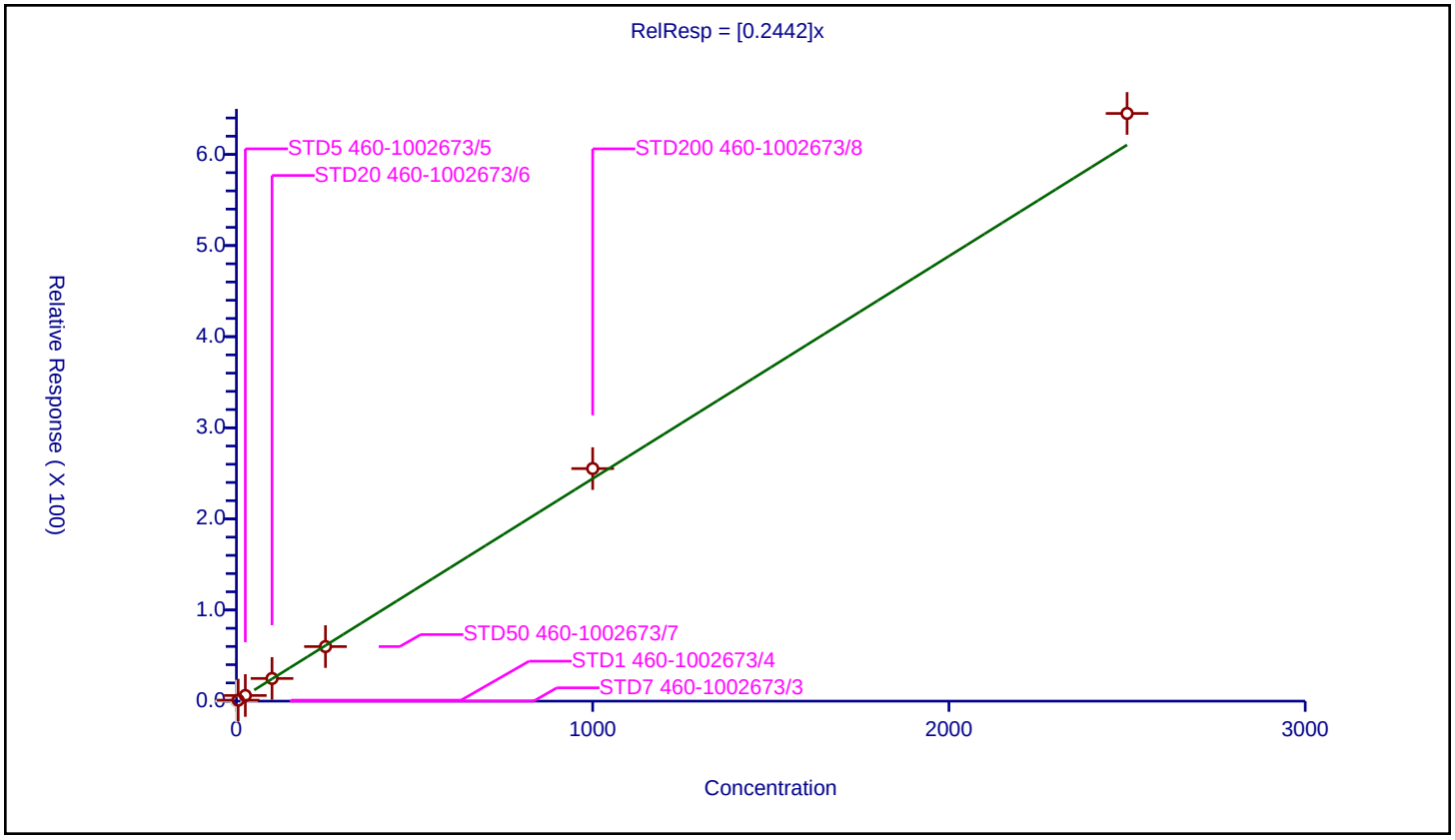
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2442 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 5.0 | 1.077414 | 250.0 | 287262.0 | 0.215483 | Y |
| 3 | STD5 460-1002673/5 | 25.0 | 6.202849 | 250.0 | 320780.0 | 0.248114 | Y |
| 4 | STD20 460-1002673/6 | 100.0 | 24.881 | 250.0 | 320797.0 | 0.24881 | Y |
| 5 | STD50 460-1002673/7 | 250.0 | 59.891919 | 250.0 | 288766.0 | 0.239568 | Y |
| 6 | STD200 460-1002673/8 | 1000.0 | 255.229769 | 250.0 | 295950.0 | 0.25523 | Y |
| 7 | STD500 460-1002673/9 | 2500.0 | 644.994312 | 250.0 | 304124.0 | 0.257998 | Y |



## Calibration / Methyl acrylate

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

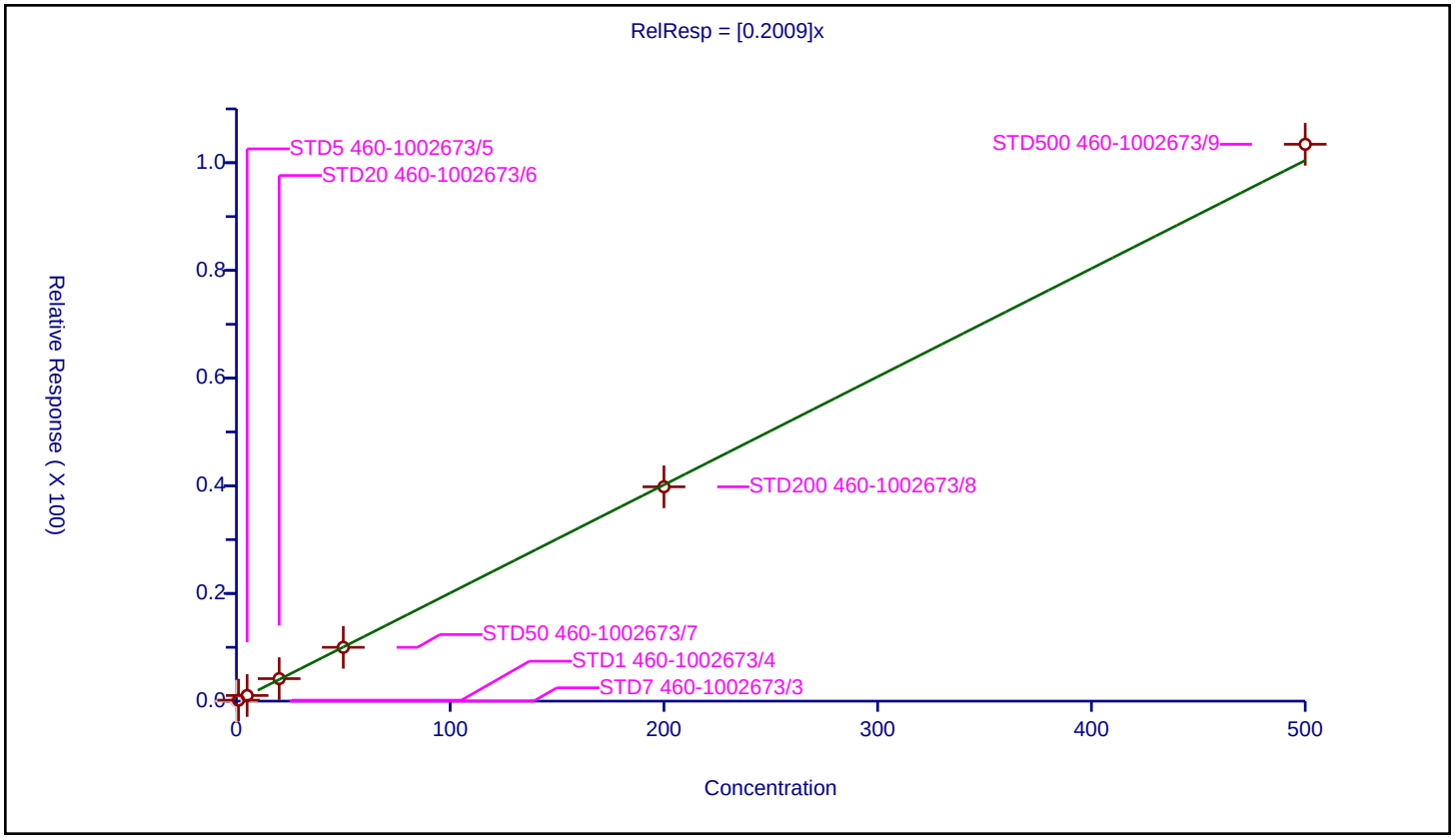
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.181514 | 50.0 | 628327.0 | 0.181514 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.045139 | 50.0 | 630012.0 | 0.209028 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.175826 | 50.0 | 622344.0 | 0.208791 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 9.996935 | 50.0 | 616714.0 | 0.199939 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 39.811205 | 50.0 | 595777.0 | 0.199056 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 103.43251 | 50.0 | 597114.0 | 0.206865 | Y |



## Calibration / Propionitrile

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

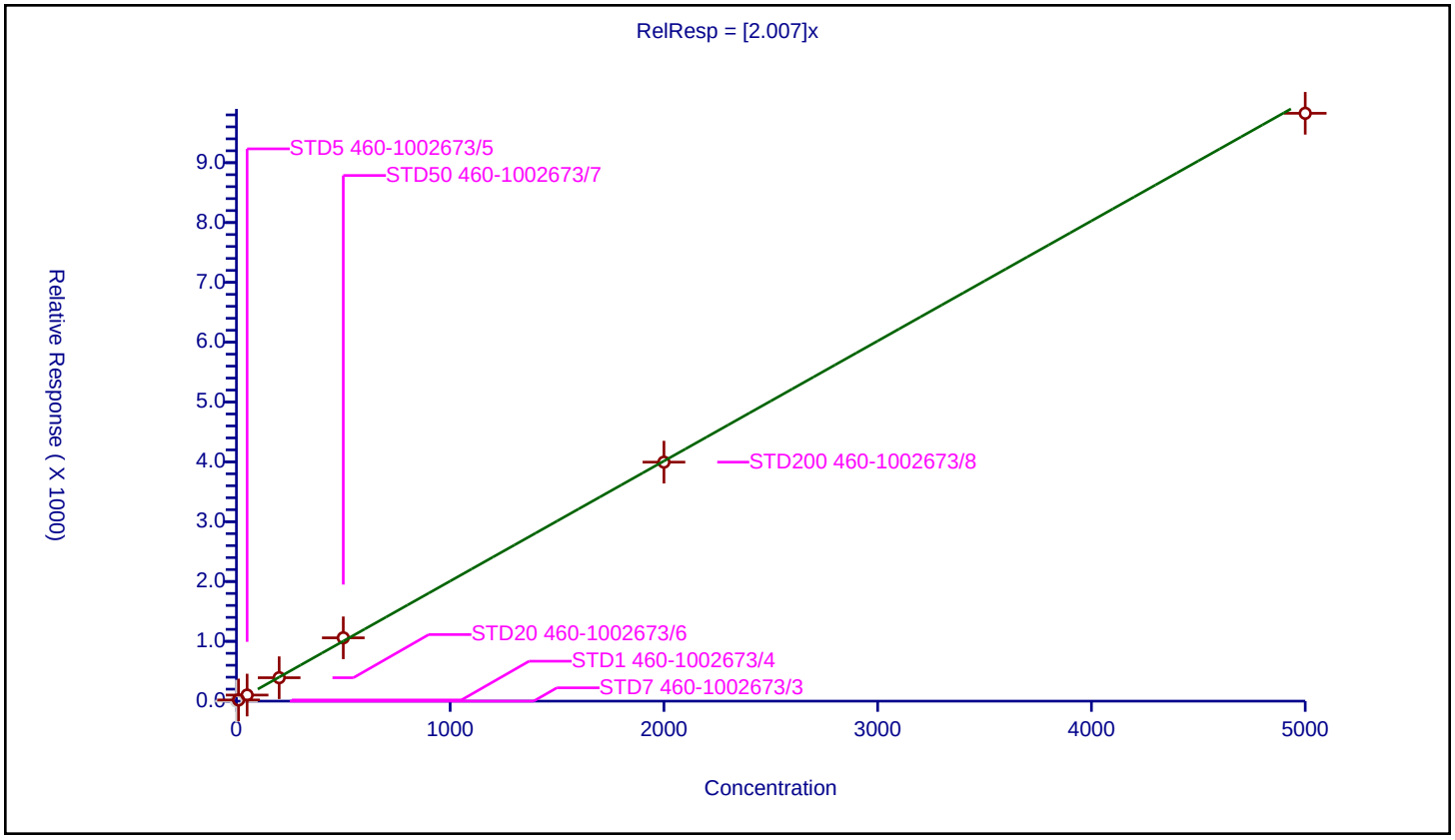
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.007 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 10.0 | 19.671439 | 1000.0 | 184684.0 | 1.967144 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 101.808593 | 1000.0 | 214255.0 | 2.036172 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 391.486978 | 1000.0 | 214260.0 | 1.957435 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 1058.707398 | 1000.0 | 180829.0 | 2.117415 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 3995.243365 | 1000.0 | 190681.0 | 1.997622 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 9826.322775 | 1000.0 | 199675.0 | 1.965265 | Y |



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## Calibration / Chlorobromomethane

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

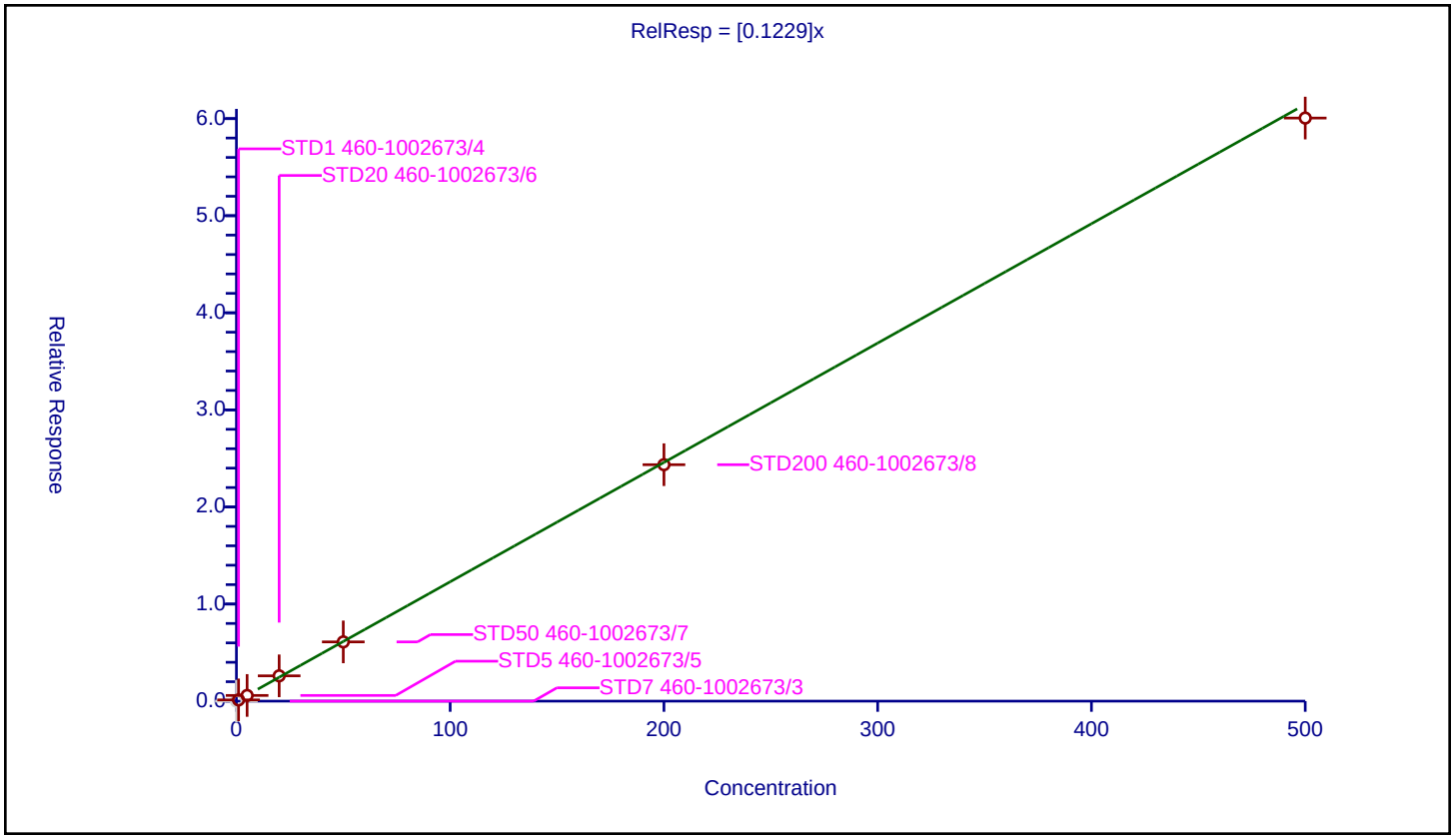
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1229 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.126367 | 50.0 | 628327.0 | 0.126367 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.58483 | 50.0 | 630012.0 | 0.116966 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 2.606276 | 50.0 | 622344.0 | 0.130314 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 6.101045 | 50.0 | 616714.0 | 0.122021 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 24.354079 | 50.0 | 595777.0 | 0.12177 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 60.056539 | 50.0 | 597114.0 | 0.120113 | Y |



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## Calibration / Tetrahydrofuran

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

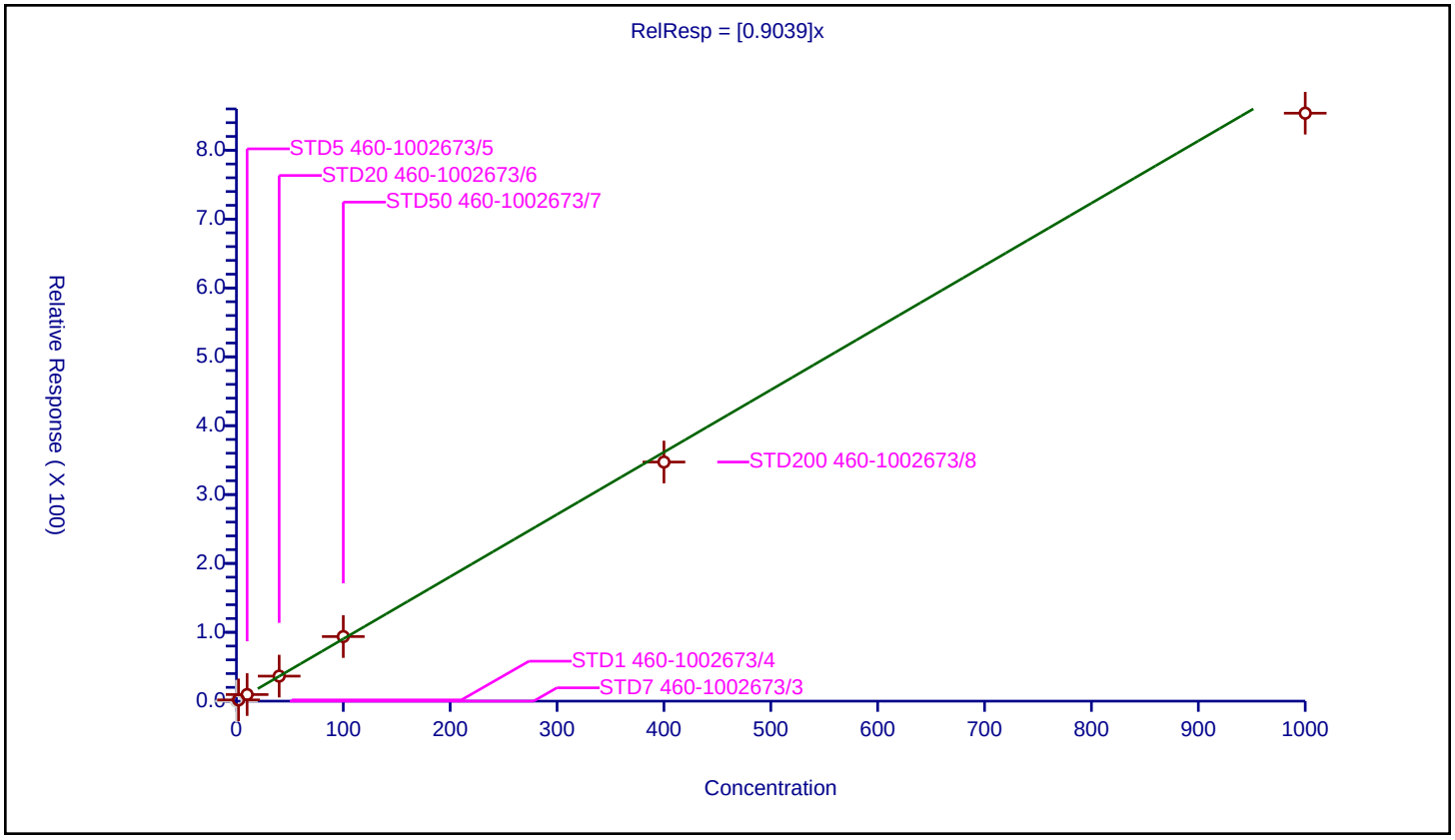
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9039 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 1.795399 | 250.0 | 287262.0 | 0.8977 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 9.575098 | 250.0 | 320780.0 | 0.95751 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 36.331387 | 250.0 | 320797.0 | 0.908285 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 93.786145 | 250.0 | 288766.0 | 0.937861 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 347.214056 | 250.0 | 295950.0 | 0.868035 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 853.768529 | 250.0 | 304124.0 | 0.853769 | Y |



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## Calibration / Methacrylonitrile

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

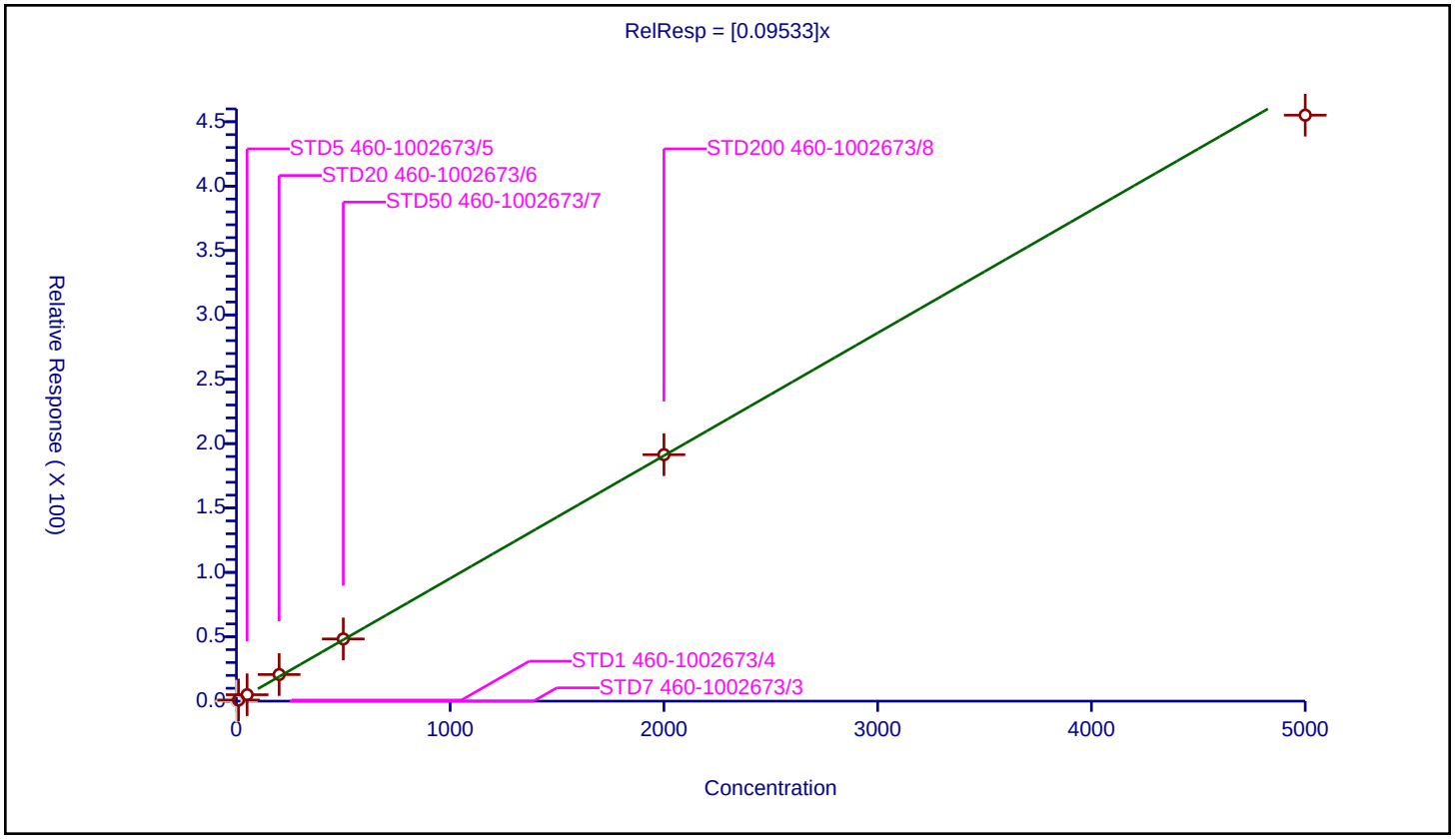
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09533 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 10.0 | 0.855844 | 50.0 | 628327.0 | 0.085584 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 4.989111 | 50.0 | 630012.0 | 0.099782 | Y |
| 4 | STD20 460-1002673/6 | 200.0 | 20.656422 | 50.0 | 622344.0 | 0.103282 | Y |
| 5 | STD50 460-1002673/7 | 500.0 | 48.306184 | 50.0 | 616714.0 | 0.096612 | Y |
| 6 | STD200 460-1002673/8 | 2000.0 | 191.417258 | 50.0 | 595777.0 | 0.095709 | Y |
| 7 | STD500 460-1002673/9 | 5000.0 | 455.107735 | 50.0 | 597114.0 | 0.091022 | Y |



## Calibration / Chloroform

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

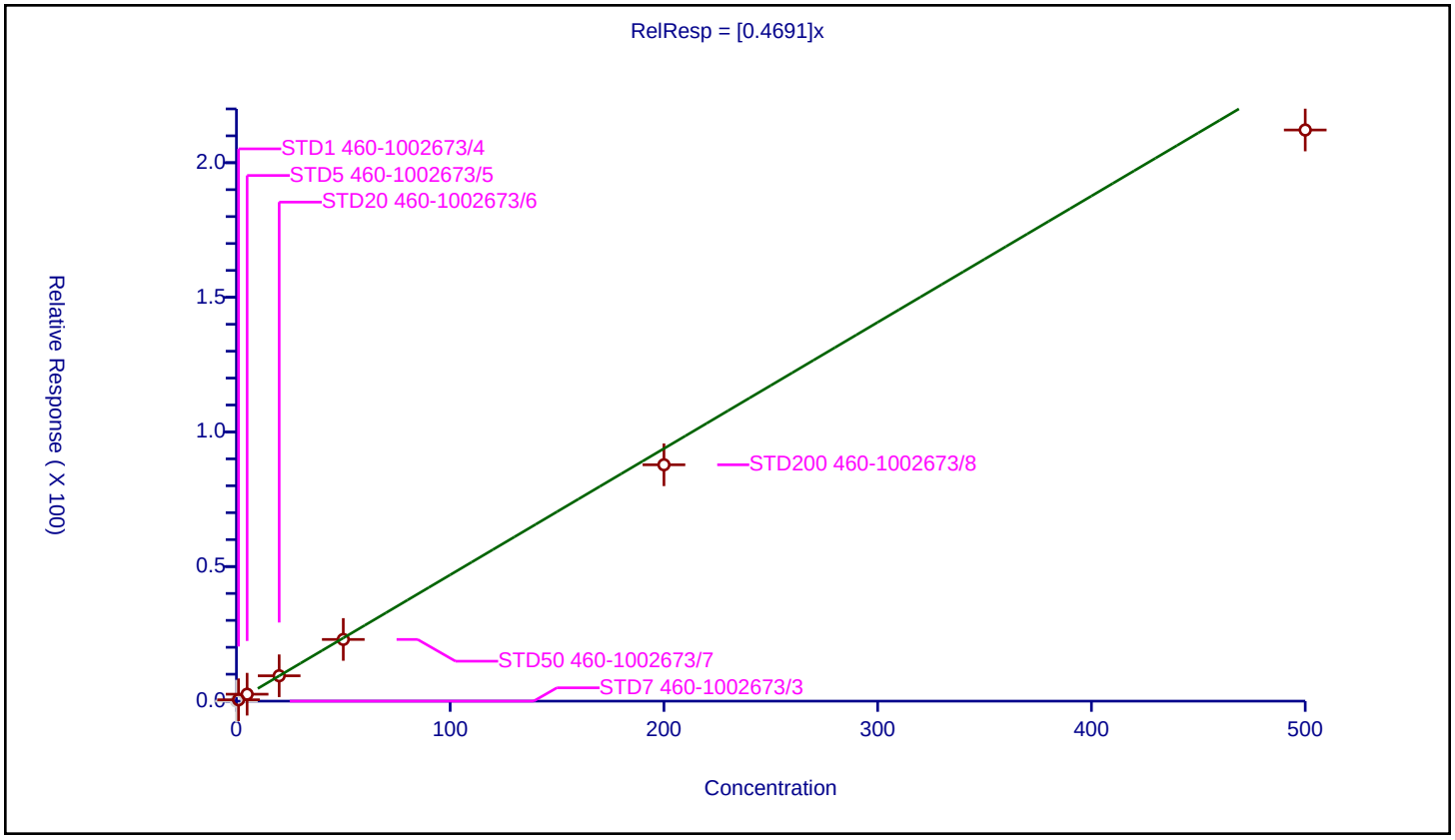
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4691 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.506424 | 50.0 | 628327.0 | 0.506424 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.577014 | 50.0 | 630012.0 | 0.515403 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 9.421236 | 50.0 | 622344.0 | 0.471062 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 22.916619 | 50.0 | 616714.0 | 0.458332 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 87.799798 | 50.0 | 595777.0 | 0.438999 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 212.165265 | 50.0 | 597114.0 | 0.424331 | Y |



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## Calibration / Cyclohexane

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

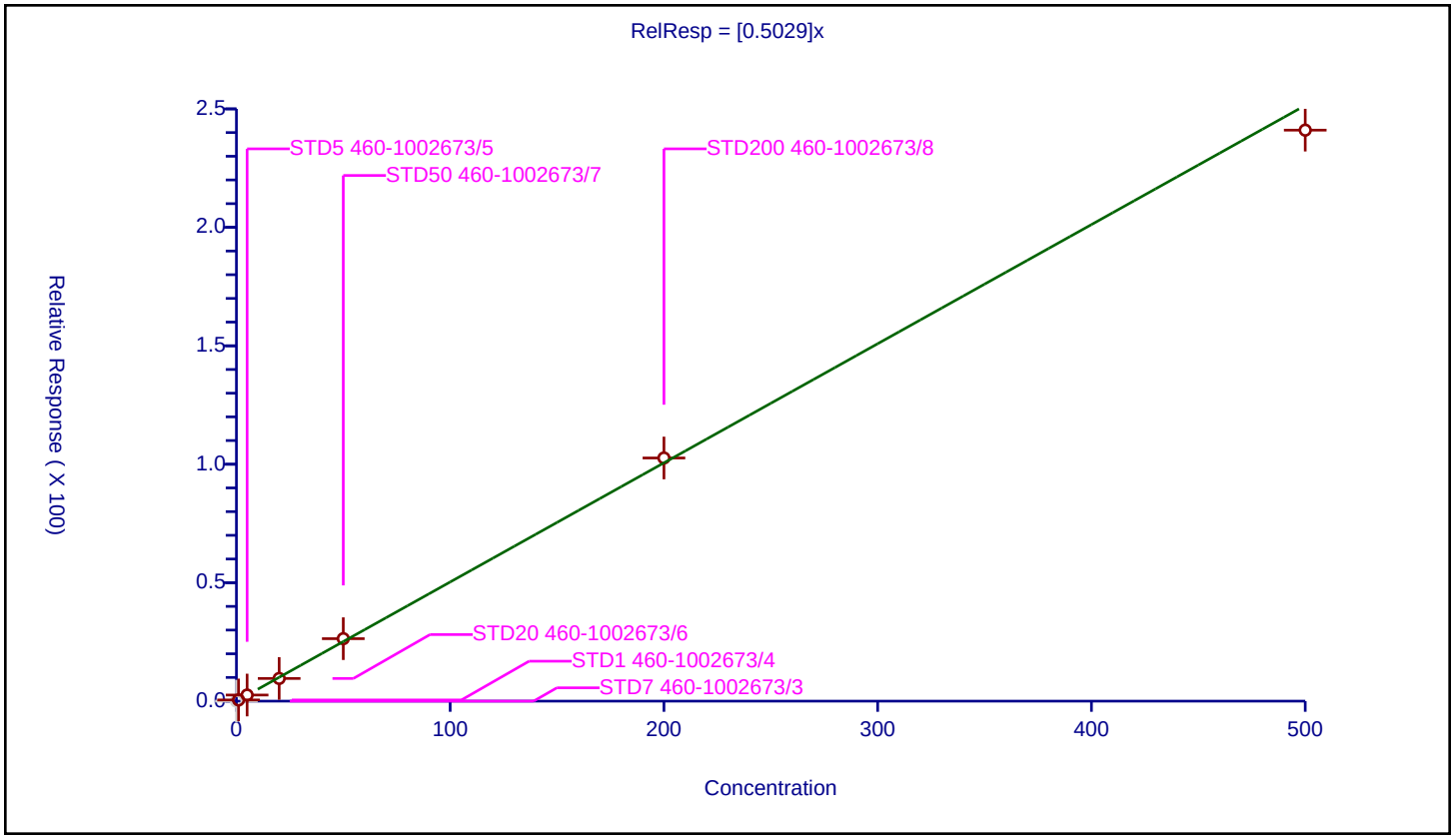
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5029 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.500456 | 50.0 | 628327.0 | 0.500456 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.578125 | 50.0 | 630012.0 | 0.515625 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 9.576215 | 50.0 | 622344.0 | 0.478811 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 26.365301 | 50.0 | 616714.0 | 0.527306 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 102.641928 | 50.0 | 595777.0 | 0.51321 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 241.032366 | 50.0 | 597114.0 | 0.482065 | Y |



## Calibration / 1,1,1-Trichloroethane

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

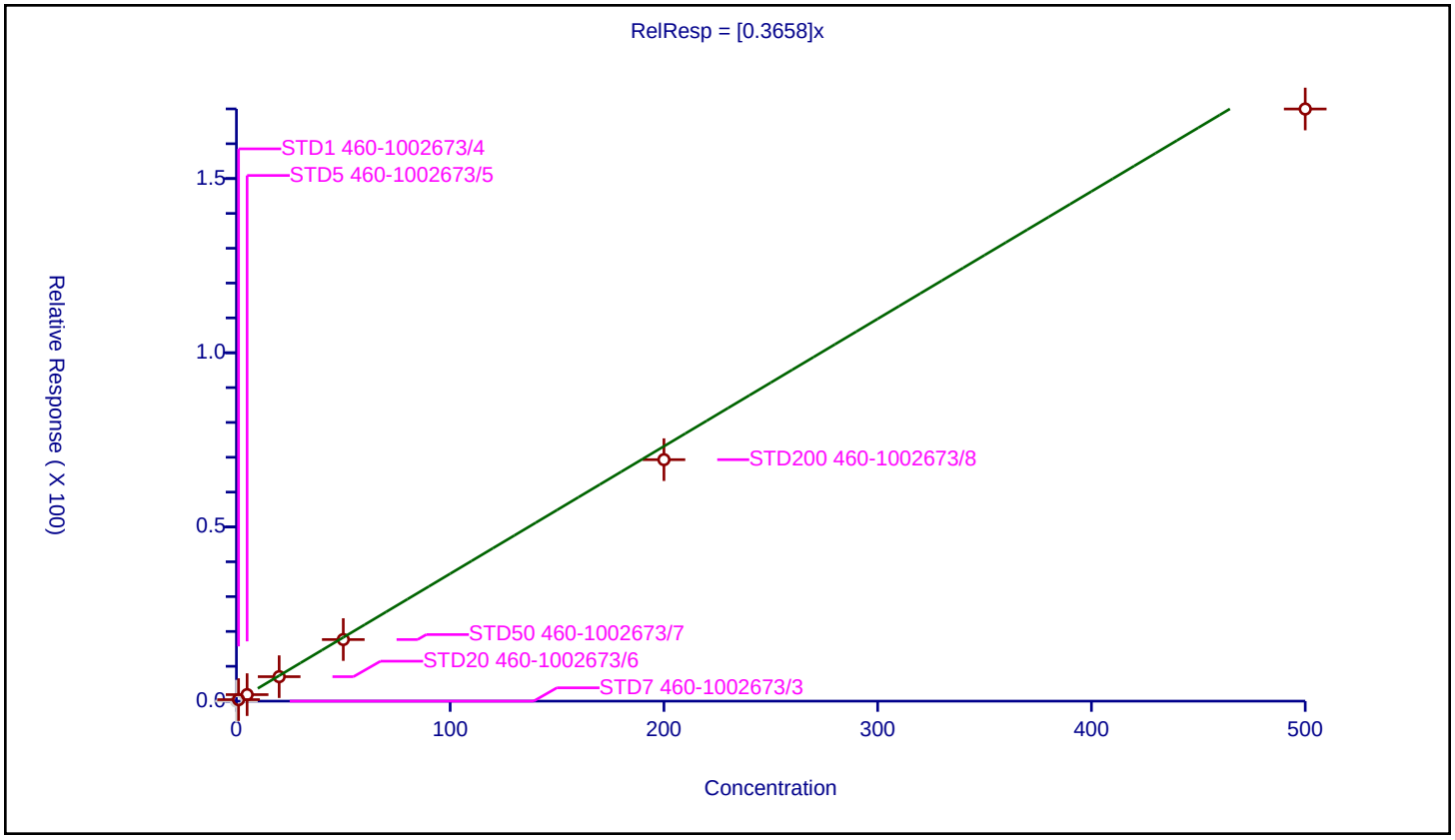
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3658 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.429553 | 50.0 | 628327.0 | 0.429553 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.869885 | 50.0 | 630012.0 | 0.373977 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 7.019912 | 50.0 | 622344.0 | 0.350996 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 17.680075 | 50.0 | 616714.0 | 0.353602 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 69.312595 | 50.0 | 595777.0 | 0.346563 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 169.967209 | 50.0 | 597114.0 | 0.339934 | Y |



## Calibration / Dibromofluoromethane (Surr)

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

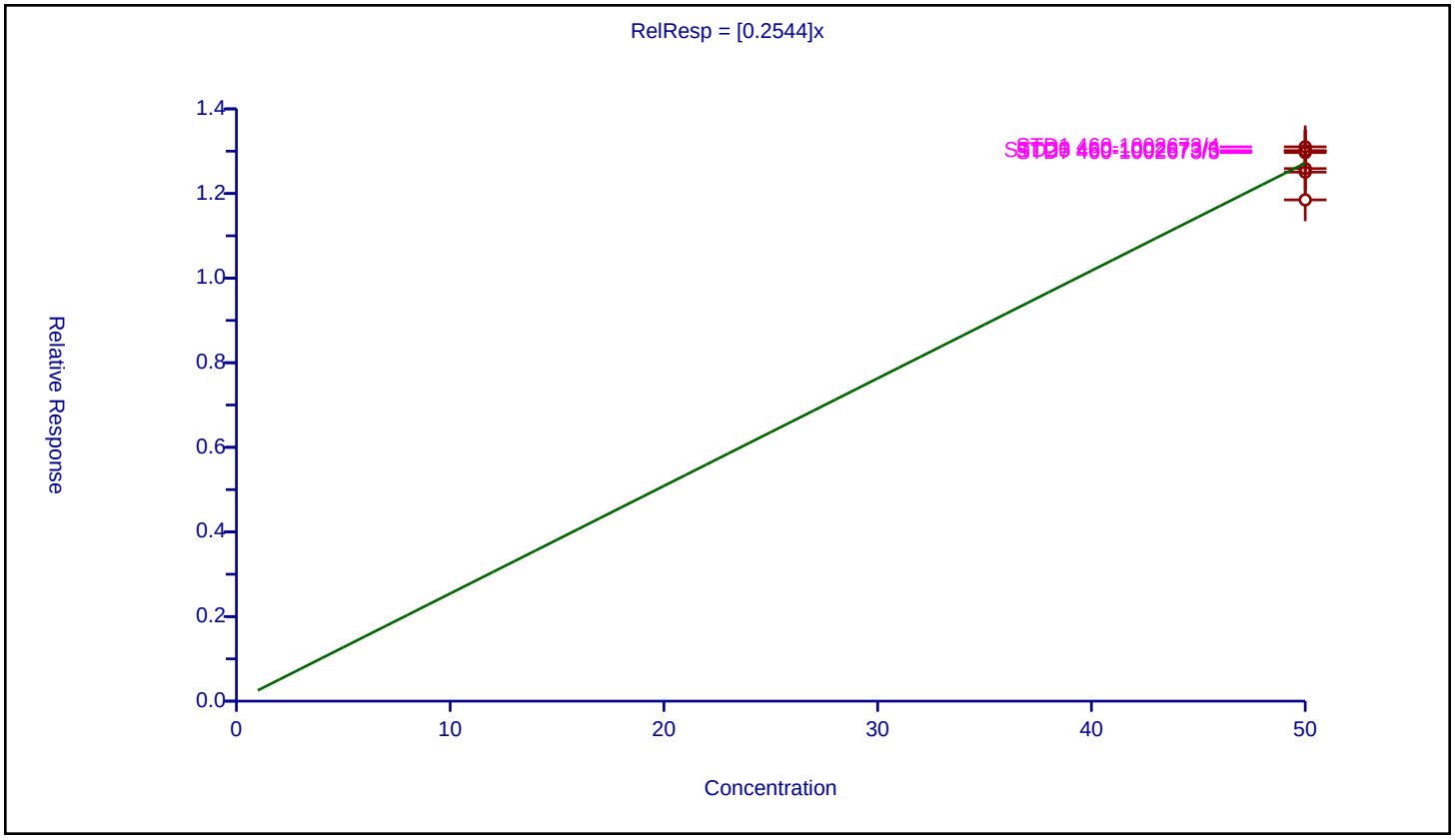
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2544 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 50.0 | 12.96661 | 50.0 | 631121.0 | 0.259332 | Y |
| 2 | STD1 460-1002673/4 | 50.0 | 13.103368 | 50.0 | 628327.0 | 0.262067 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 13.009752 | 50.0 | 630012.0 | 0.260195 | Y |
| 4 | STD20 460-1002673/6 | 50.0 | 13.007677 | 50.0 | 622344.0 | 0.260154 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 12.58898 | 50.0 | 616714.0 | 0.25178 | Y |
| 6 | STD200 460-1002673/8 | 50.0 | 12.504511 | 50.0 | 595777.0 | 0.25009 | Y |
| 7 | STD500 460-1002673/9 | 50.0 | 11.848994 | 50.0 | 597114.0 | 0.23698 | Y |



## Calibration / Carbon tetrachloride

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

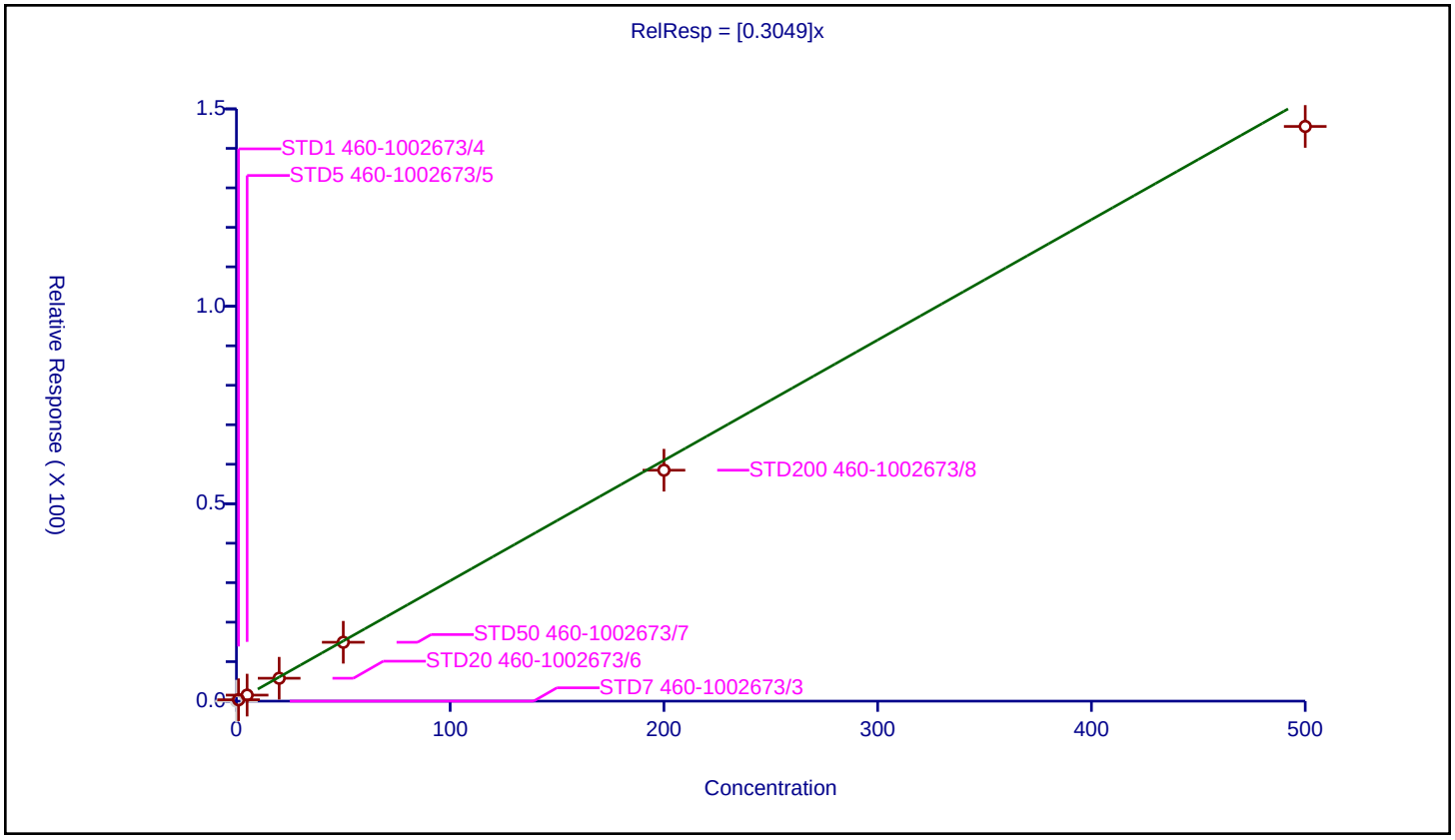
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3049 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.352523 | 50.0 | 628327.0 | 0.352523 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.525765 | 50.0 | 630012.0 | 0.305153 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.797838 | 50.0 | 622344.0 | 0.289892 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.912342 | 50.0 | 616714.0 | 0.298247 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 58.49118 | 50.0 | 595777.0 | 0.292456 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 145.551436 | 50.0 | 597114.0 | 0.291103 | Y |



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## Calibration / 1,1-Dichloropropene

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

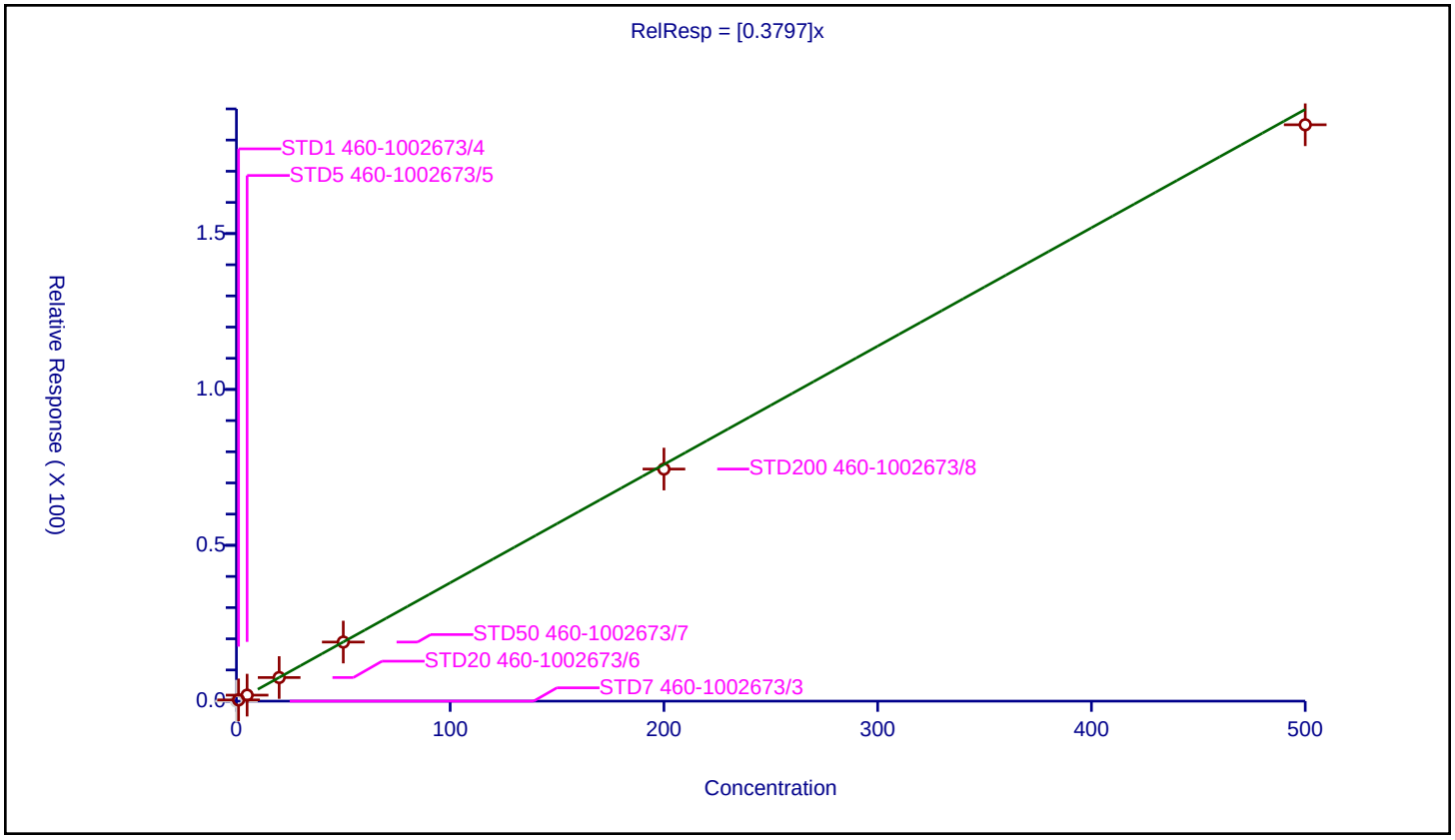
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3797 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.393028 | 50.0 | 628327.0 | 0.393028 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.924249 | 50.0 | 630012.0 | 0.38485 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 7.576035 | 50.0 | 622344.0 | 0.378802 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 18.958058 | 50.0 | 616714.0 | 0.379161 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 74.455795 | 50.0 | 595777.0 | 0.372279 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 184.909665 | 50.0 | 597114.0 | 0.369819 | Y |



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## Calibration / Isobutyl alcohol

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

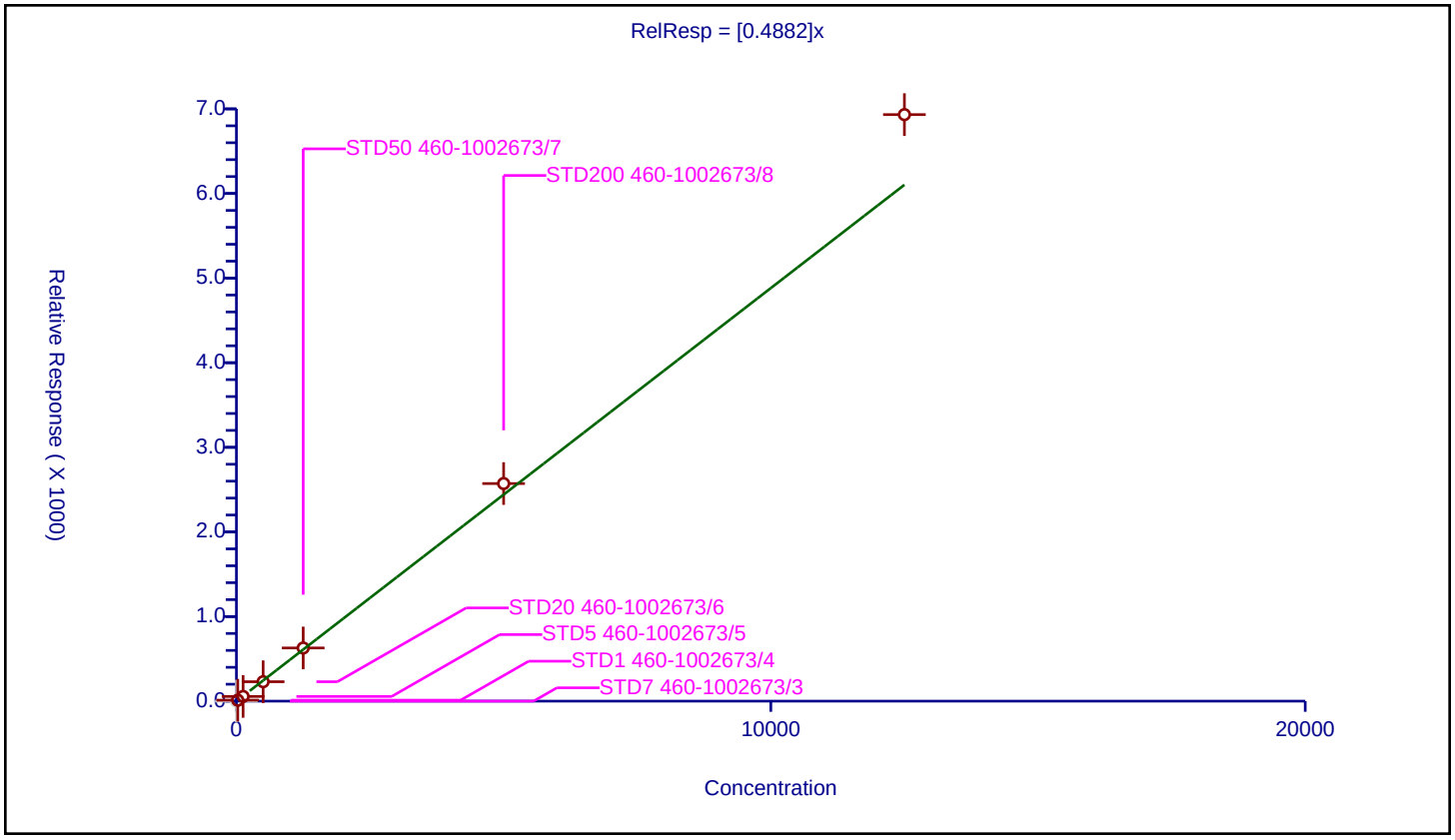
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4882 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 25.0 | 11.338286 | 1000.0 | 184684.0 | 0.453531 | Y |
| 3 | STD5 460-1002673/5 | 125.0 | 55.573966 | 1000.0 | 214255.0 | 0.444592 | Y |
| 4 | STD20 460-1002673/6 | 500.0 | 229.7209 | 1000.0 | 214260.0 | 0.459442 | Y |
| 5 | STD50 460-1002673/7 | 1250.0 | 628.333951 | 1000.0 | 180829.0 | 0.502667 | Y |
| 6 | STD200 460-1002673/8 | 5000.0 | 2571.62486 | 1000.0 | 190681.0 | 0.514325 | Y |
| 7 | STD500 460-1002673/9 | 12500.0 | 6932.390134 | 1000.0 | 199675.0 | 0.554591 | Y |



## Calibration / Isooctane

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

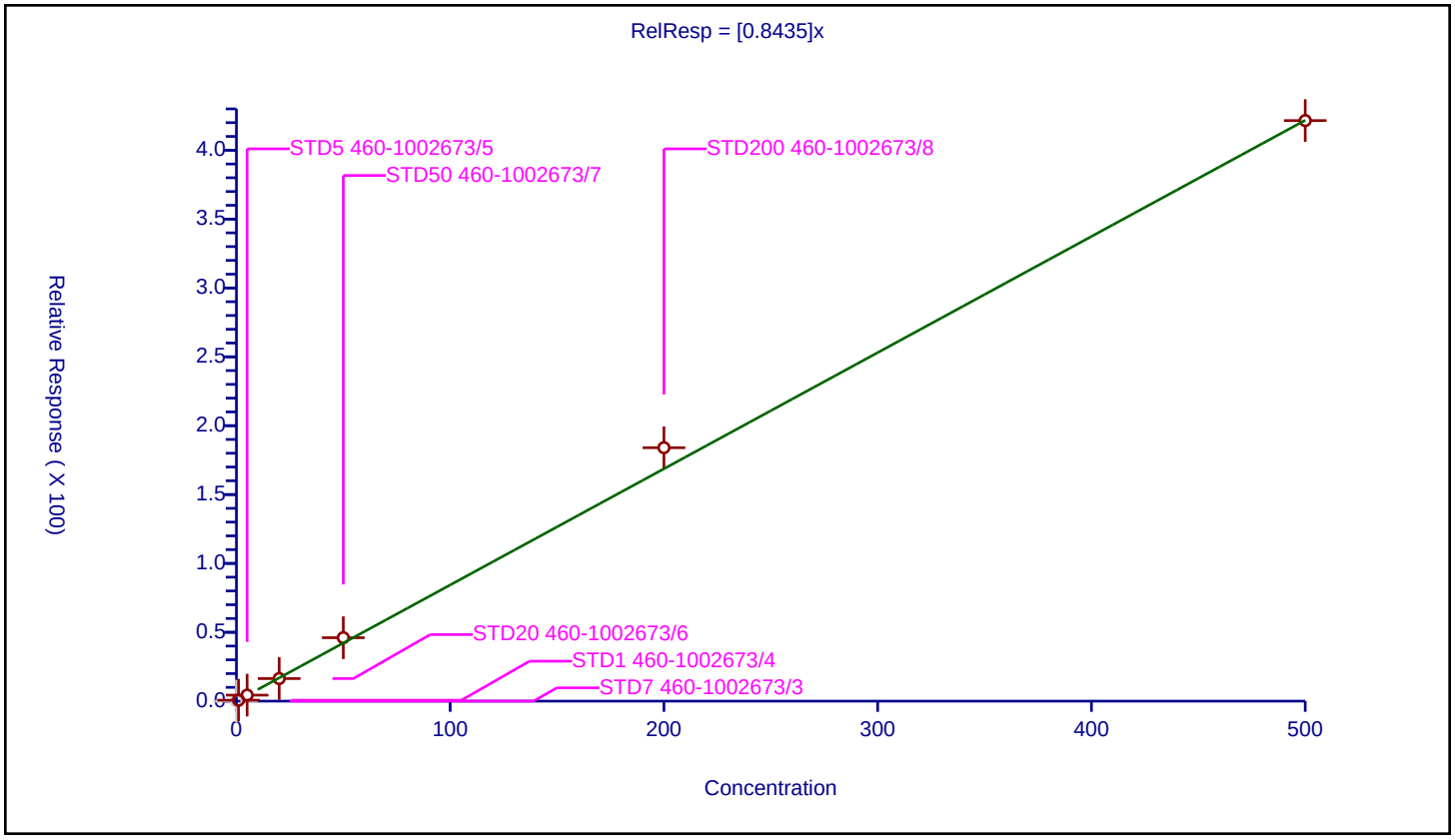
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.684755 | 50.0 | 628327.0 | 0.684755 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.362457 | 50.0 | 630012.0 | 0.872491 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 16.38989 | 50.0 | 622344.0 | 0.819495 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 46.060248 | 50.0 | 616714.0 | 0.921205 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 184.012558 | 50.0 | 595777.0 | 0.920063 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 421.506446 | 50.0 | 597114.0 | 0.843013 | Y |



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## Calibration / Benzene

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

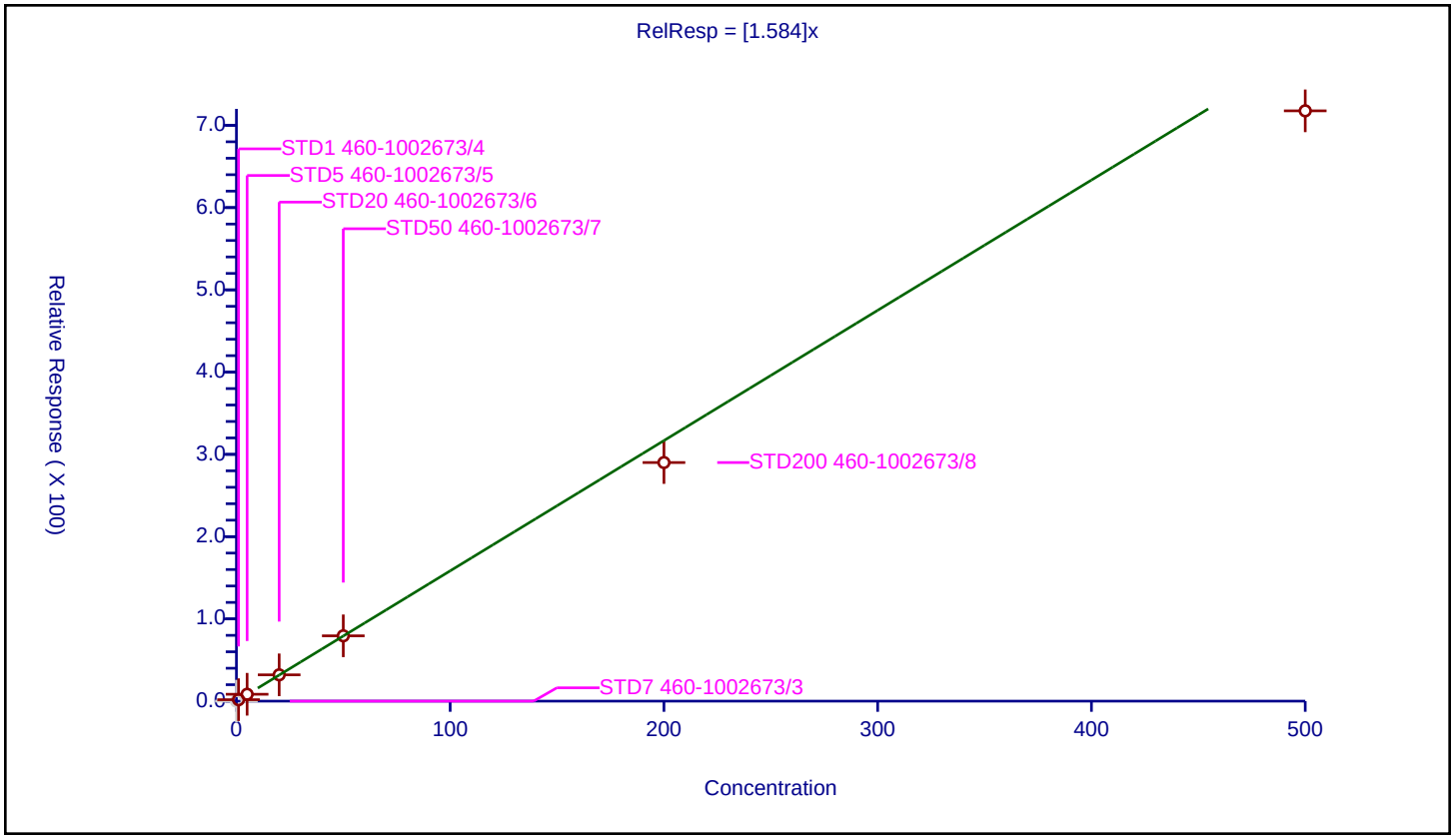
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.584 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.7572 | 50.0 | 445197.0 | 1.7572 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 8.363993 | 50.0 | 453366.0 | 1.672799 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 31.974827 | 50.0 | 458739.0 | 1.598741 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 79.398329 | 50.0 | 452490.0 | 1.587967 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 290.061676 | 50.0 | 457713.0 | 1.450308 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 717.643748 | 50.0 | 461101.0 | 1.435287 | Y |



## Calibration / 1,2-Dichloroethane-d4 (Surr)

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

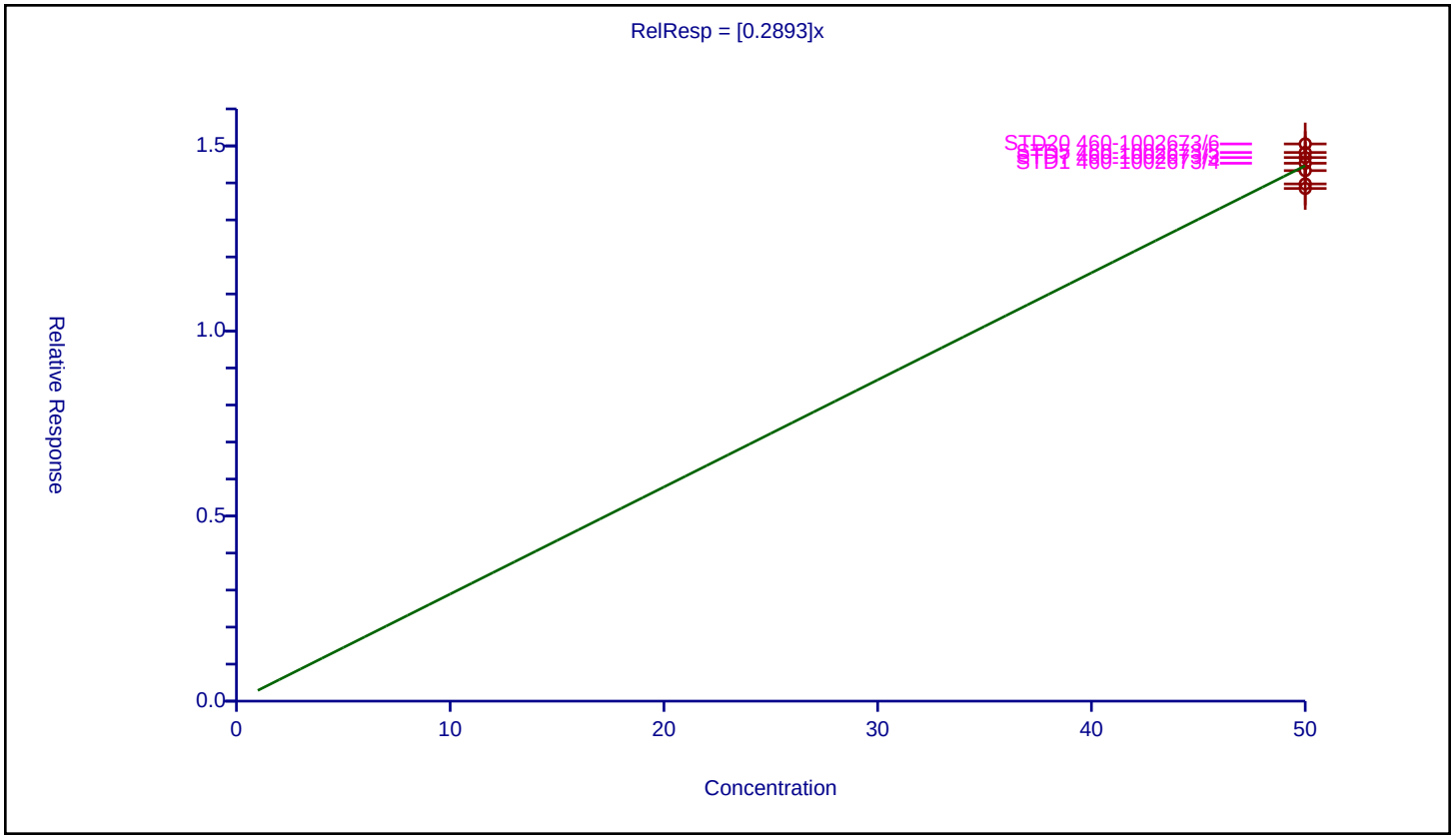
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2893 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 50.0 | 14.685298 | 50.0 | 631121.0 | 0.293706 | Y |
| 2 | STD1 460-1002673/4 | 50.0 | 14.531685 | 50.0 | 628327.0 | 0.290634 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 14.822654 | 50.0 | 630012.0 | 0.296453 | Y |
| 4 | STD20 460-1002673/6 | 50.0 | 15.052849 | 50.0 | 622344.0 | 0.301057 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 14.332494 | 50.0 | 616714.0 | 0.28665 | Y |
| 6 | STD200 460-1002673/8 | 50.0 | 13.973013 | 50.0 | 595777.0 | 0.27946 | Y |
| 7 | STD500 460-1002673/9 | 50.0 | 13.85104 | 50.0 | 597114.0 | 0.277021 | Y |



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## Calibration / Isopropyl acetate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

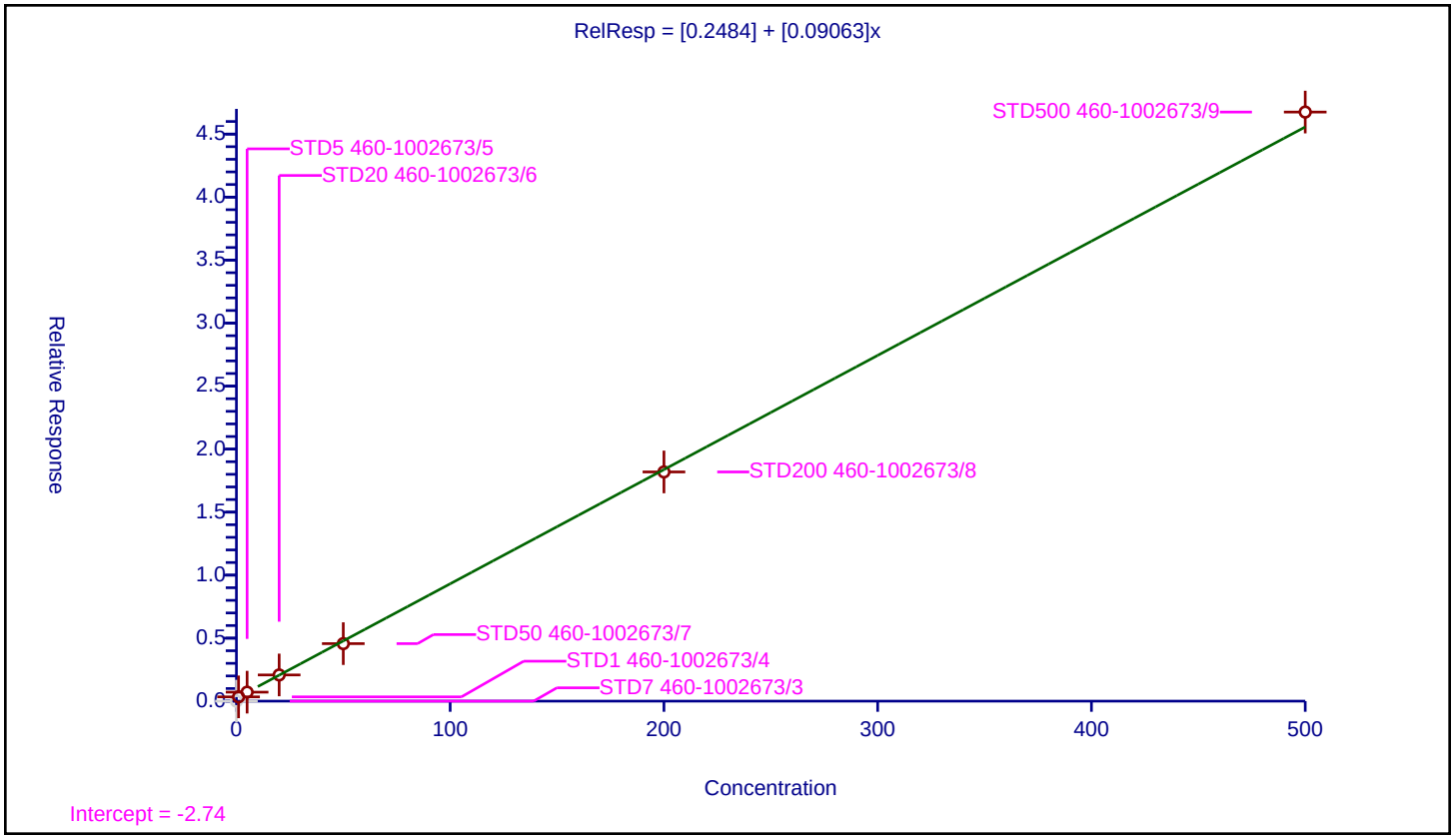
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.2484 |
| **Slope:** | 0.09063 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.338598 | 50.0 | 628327.0 | 0.338598 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.713558 | 50.0 | 630012.0 | 0.142712 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 2.079718 | 50.0 | 622344.0 | 0.103986 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 4.563785 | 50.0 | 616714.0 | 0.091276 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 18.189776 | 50.0 | 595777.0 | 0.090949 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 46.748862 | 50.0 | 597114.0 | 0.093498 | Y |



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## Calibration / Tert-amyl methyl ether

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

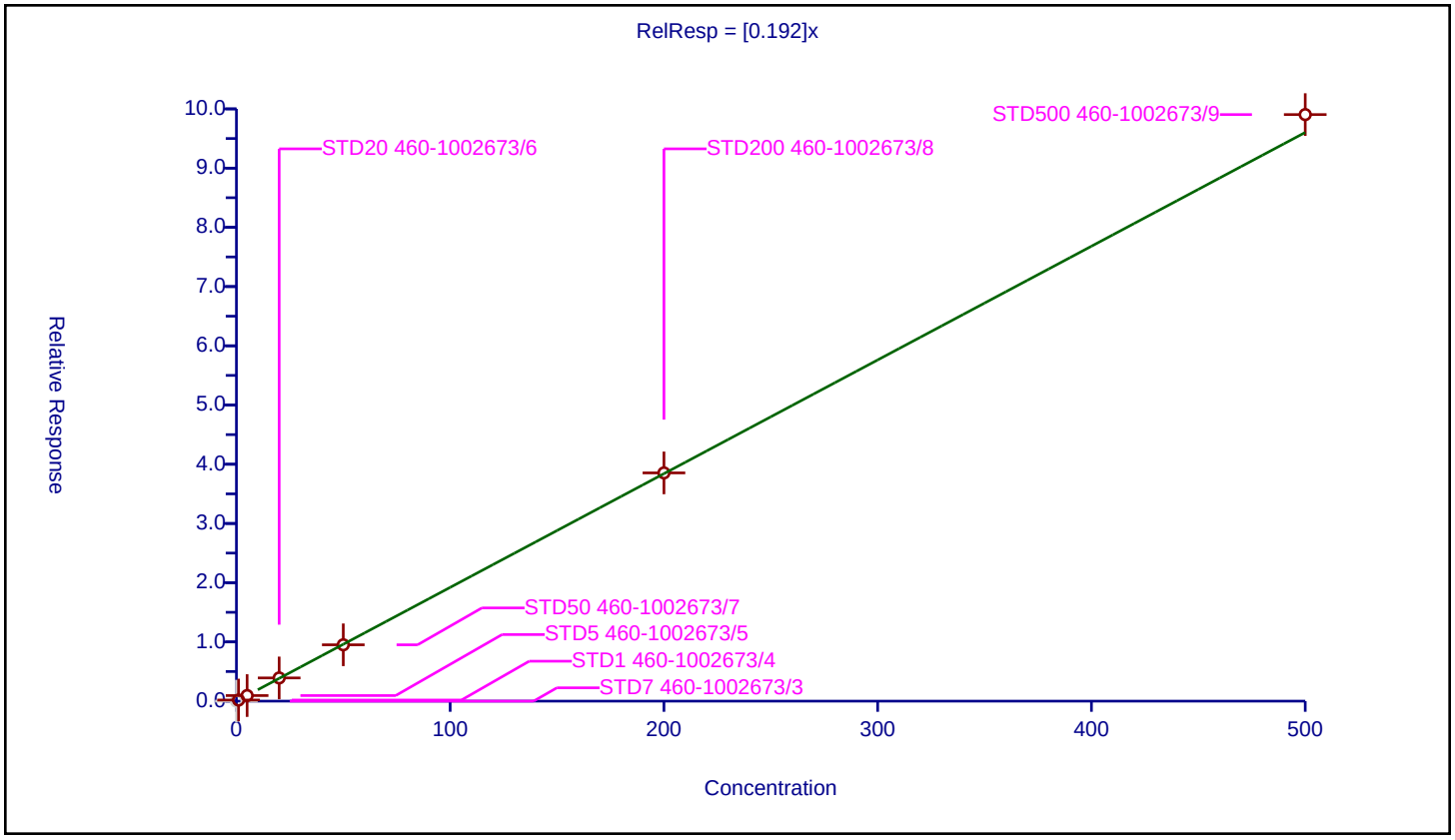
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.192 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.186845 | 50.0 | 628327.0 | 0.186845 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.941569 | 50.0 | 630012.0 | 0.188314 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.92042 | 50.0 | 622344.0 | 0.196021 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 9.514378 | 50.0 | 616714.0 | 0.190288 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 38.536147 | 50.0 | 595777.0 | 0.192681 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 99.035611 | 50.0 | 597114.0 | 0.198071 | Y |



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## Calibration / 1,2-Dichloroethane

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

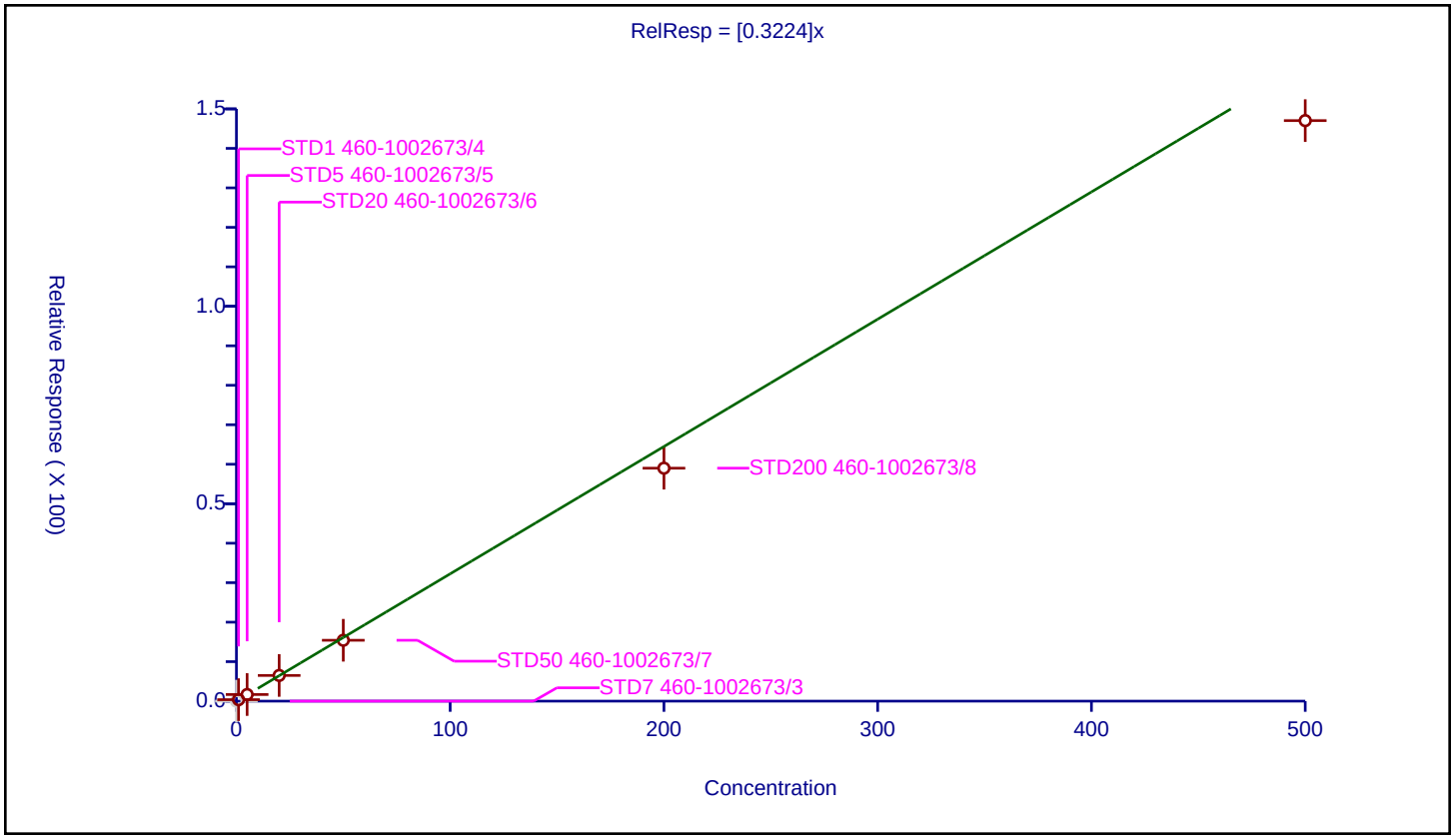
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3224 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.376953 | 50.0 | 628327.0 | 0.376953 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.673381 | 50.0 | 630012.0 | 0.334676 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.508619 | 50.0 | 622344.0 | 0.325431 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.420438 | 50.0 | 616714.0 | 0.308409 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 58.999928 | 50.0 | 595777.0 | 0.295 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 147.029545 | 50.0 | 597114.0 | 0.294059 | Y |



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## Calibration / n-Heptane

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

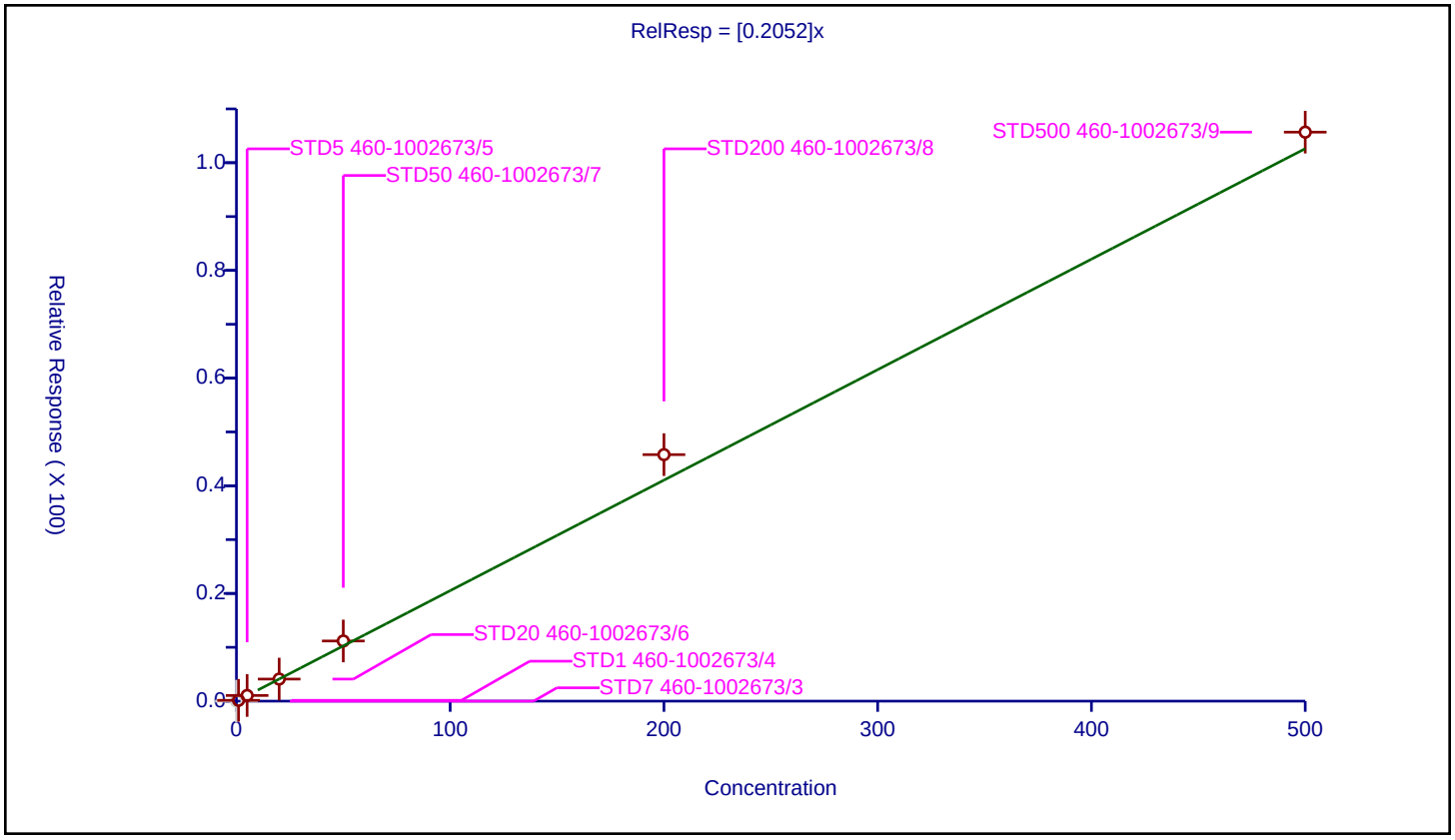
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2052 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.15215 | 50.0 | 628327.0 | 0.15215 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.052123 | 50.0 | 630012.0 | 0.210425 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.100064 | 50.0 | 622344.0 | 0.205003 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 11.173656 | 50.0 | 616714.0 | 0.223473 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 45.784413 | 50.0 | 595777.0 | 0.228922 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 105.683588 | 50.0 | 597114.0 | 0.211367 | Y |



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## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

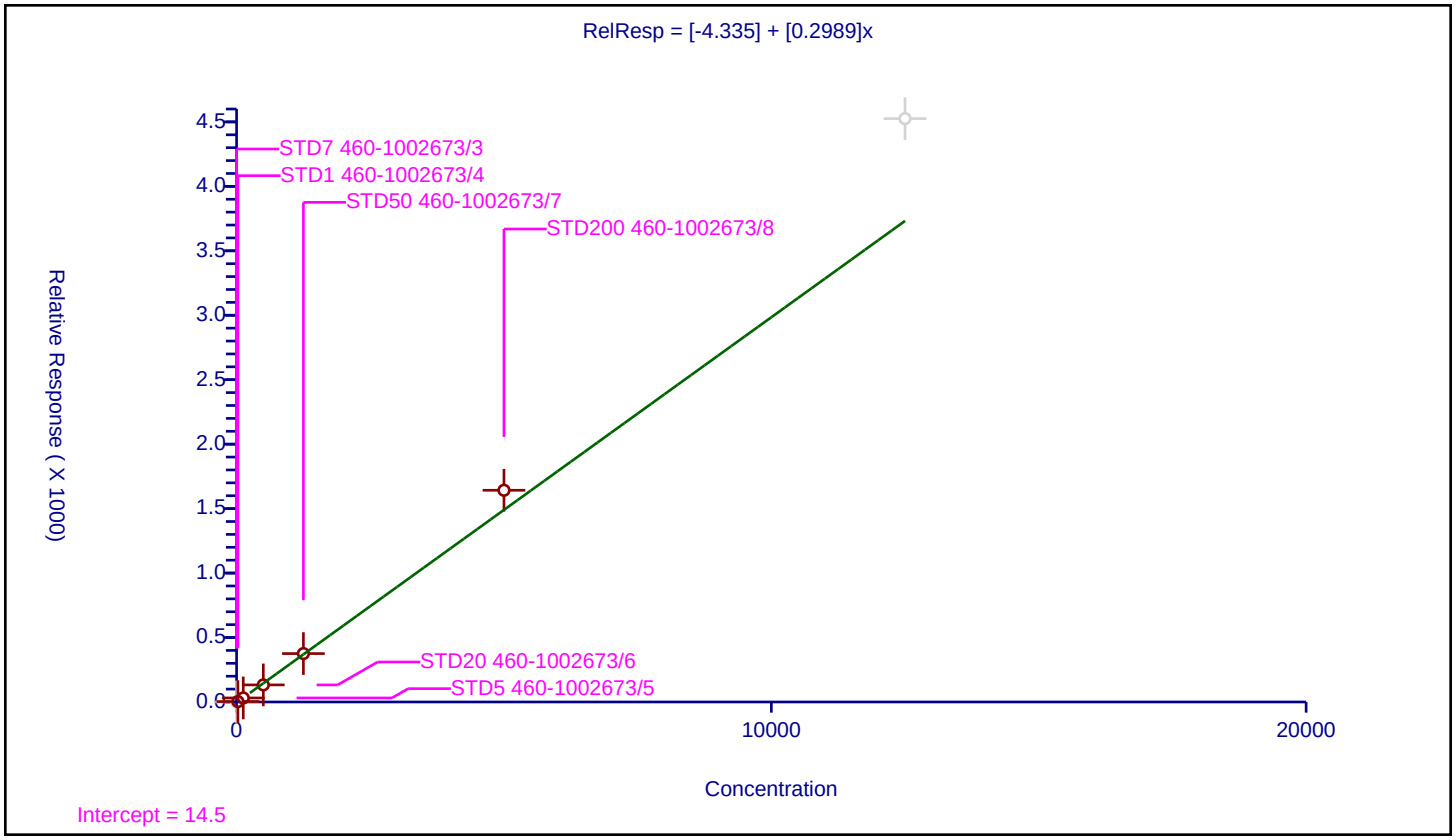
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -4.335 |
| **Slope:** | 0.2989 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 179752.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 25.0 | 3.232549 | 1000.0 | 184684.0 | 0.129302 | Y |
| 3 | STD5 460-1002673/5 | 125.0 | 31.266482 | 1000.0 | 214255.0 | 0.250132 | Y |
| 4 | STD20 460-1002673/6 | 500.0 | 132.525903 | 1000.0 | 214260.0 | 0.265052 | Y |
| 5 | STD50 460-1002673/7 | 1250.0 | 375.53711 | 1000.0 | 180829.0 | 0.30043 | Y |
| 6 | STD200 460-1002673/8 | 5000.0 | 1642.318847 | 1000.0 | 190681.0 | 0.328464 | Y |
| 7 | STD500 460-1002673/9 | 12500.0 | 4525.549017 | 1000.0 | 199675.0 | 0.362044 | N |



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## Calibration / Trichloroethene

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

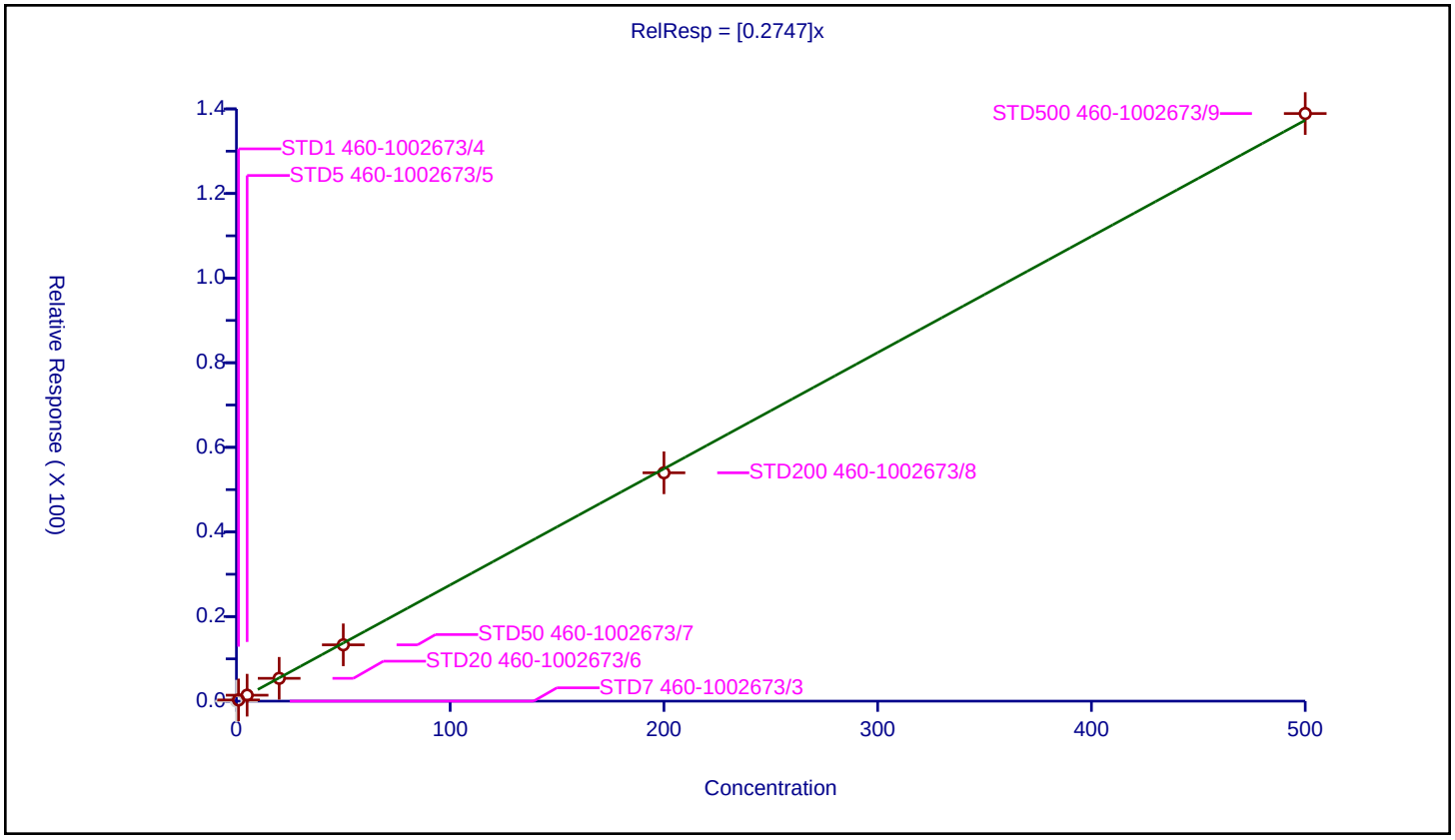
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2747 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.282417 | 50.0 | 628327.0 | 0.282417 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.408703 | 50.0 | 630012.0 | 0.281741 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.394685 | 50.0 | 622344.0 | 0.269734 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 13.315491 | 50.0 | 616714.0 | 0.26631 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 53.980097 | 50.0 | 595777.0 | 0.2699 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 138.90572 | 50.0 | 597114.0 | 0.277811 | Y |



## Calibration / Ethyl acrylate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

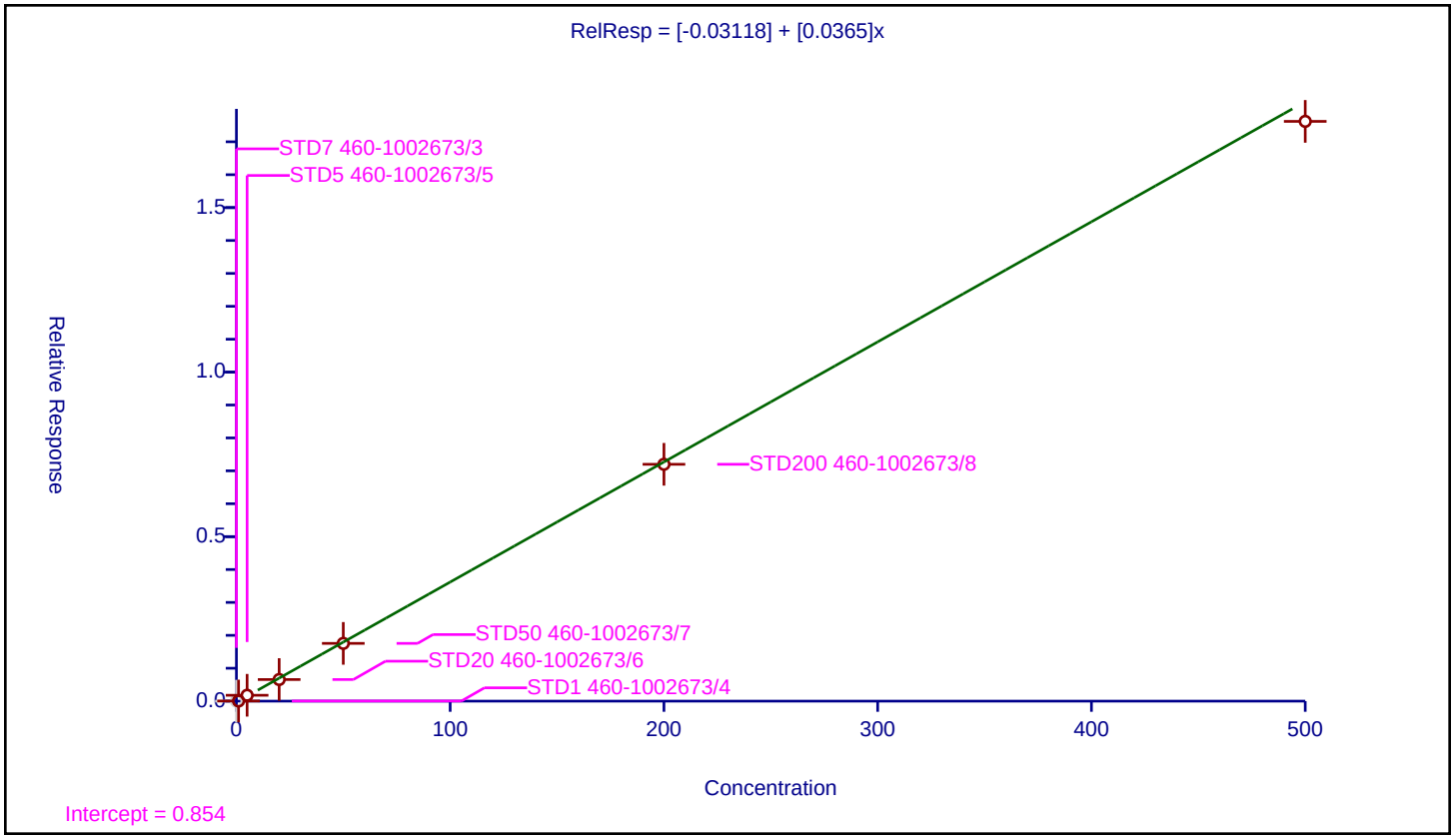
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.03118 |
| **Slope:** | 0.0365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.004377 | 50.0 | 628327.0 | 0.004377 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.178092 | 50.0 | 630012.0 | 0.035618 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 0.657032 | 50.0 | 622344.0 | 0.032852 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 1.755514 | 50.0 | 616714.0 | 0.03511 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 7.197995 | 50.0 | 595777.0 | 0.03599 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 17.620588 | 50.0 | 597114.0 | 0.035241 | Y |



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## Calibration / Methylcyclohexane

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

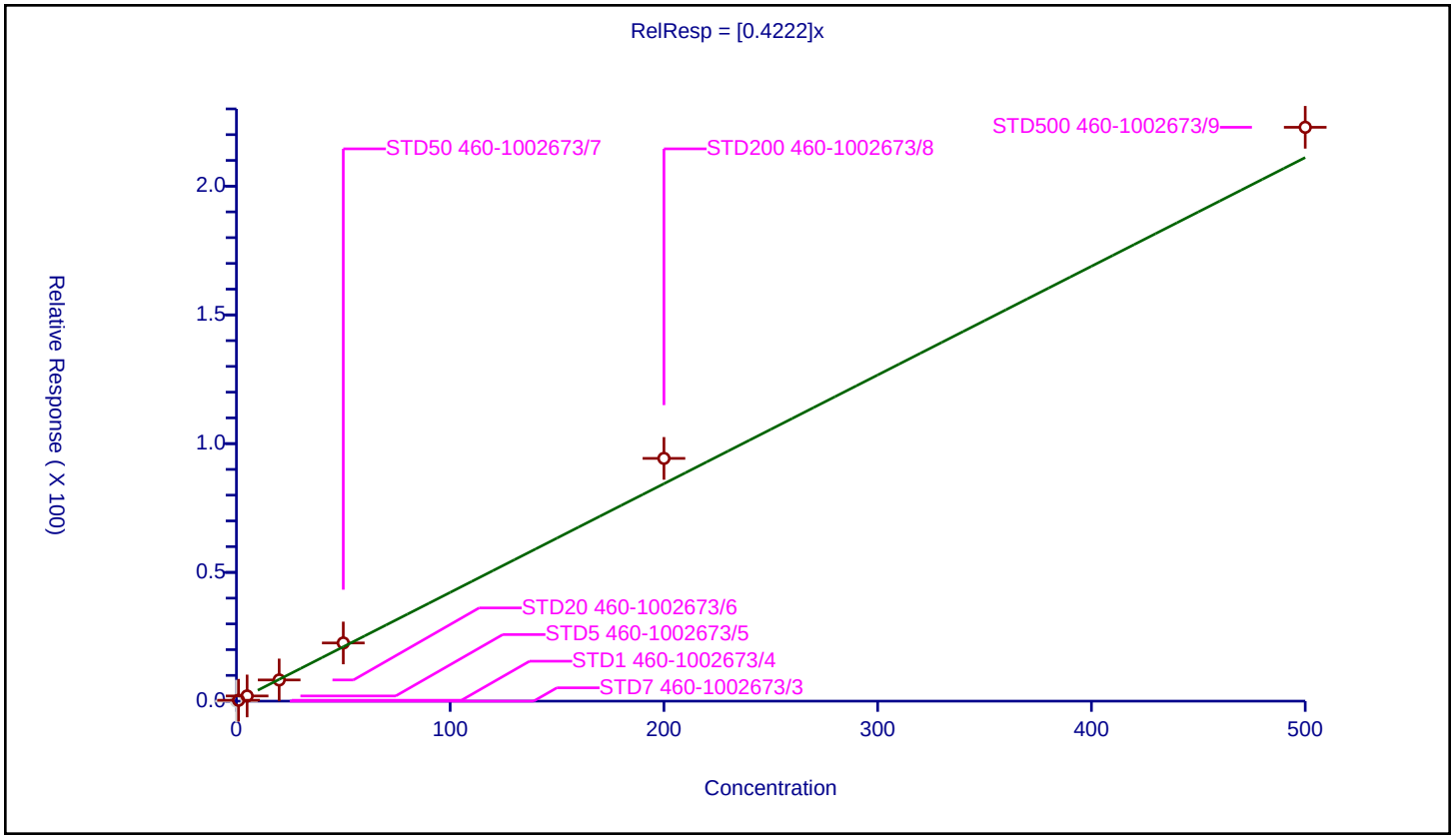
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4222 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.350534 | 50.0 | 628327.0 | 0.350534 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.012263 | 50.0 | 630012.0 | 0.402453 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 8.225194 | 50.0 | 622344.0 | 0.41126 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 22.594428 | 50.0 | 616714.0 | 0.451889 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 94.279319 | 50.0 | 595777.0 | 0.471397 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 222.848819 | 50.0 | 597114.0 | 0.445698 | Y |



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## Calibration / 1,2-Dichloropropane

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

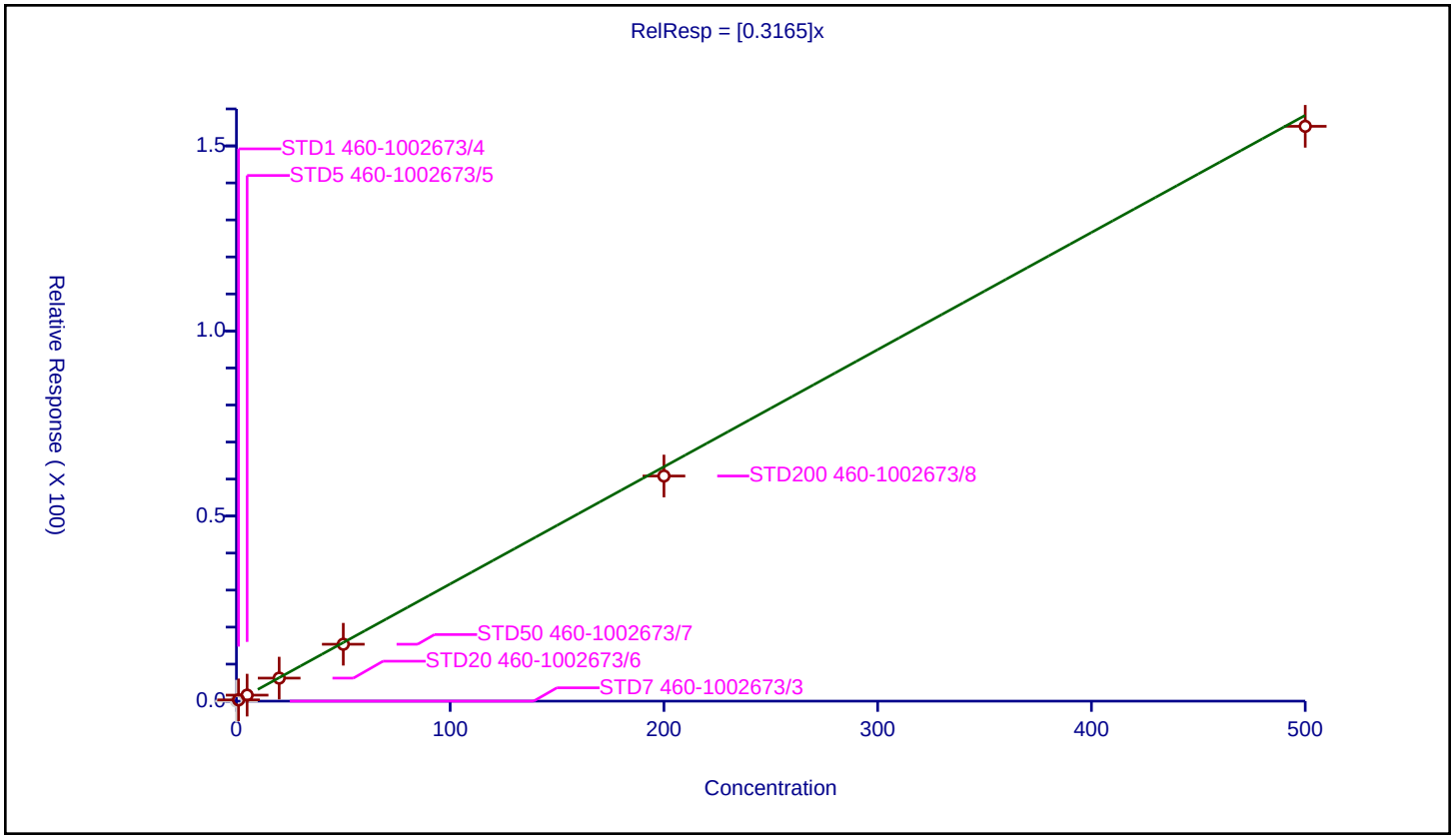
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3165 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.341462 | 50.0 | 628327.0 | 0.341462 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.623144 | 50.0 | 630012.0 | 0.324629 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.218024 | 50.0 | 622344.0 | 0.310901 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.374469 | 50.0 | 616714.0 | 0.307489 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 60.821247 | 50.0 | 595777.0 | 0.304106 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 155.294299 | 50.0 | 597114.0 | 0.310589 | Y |



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## Calibration / Methyl methacrylate

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

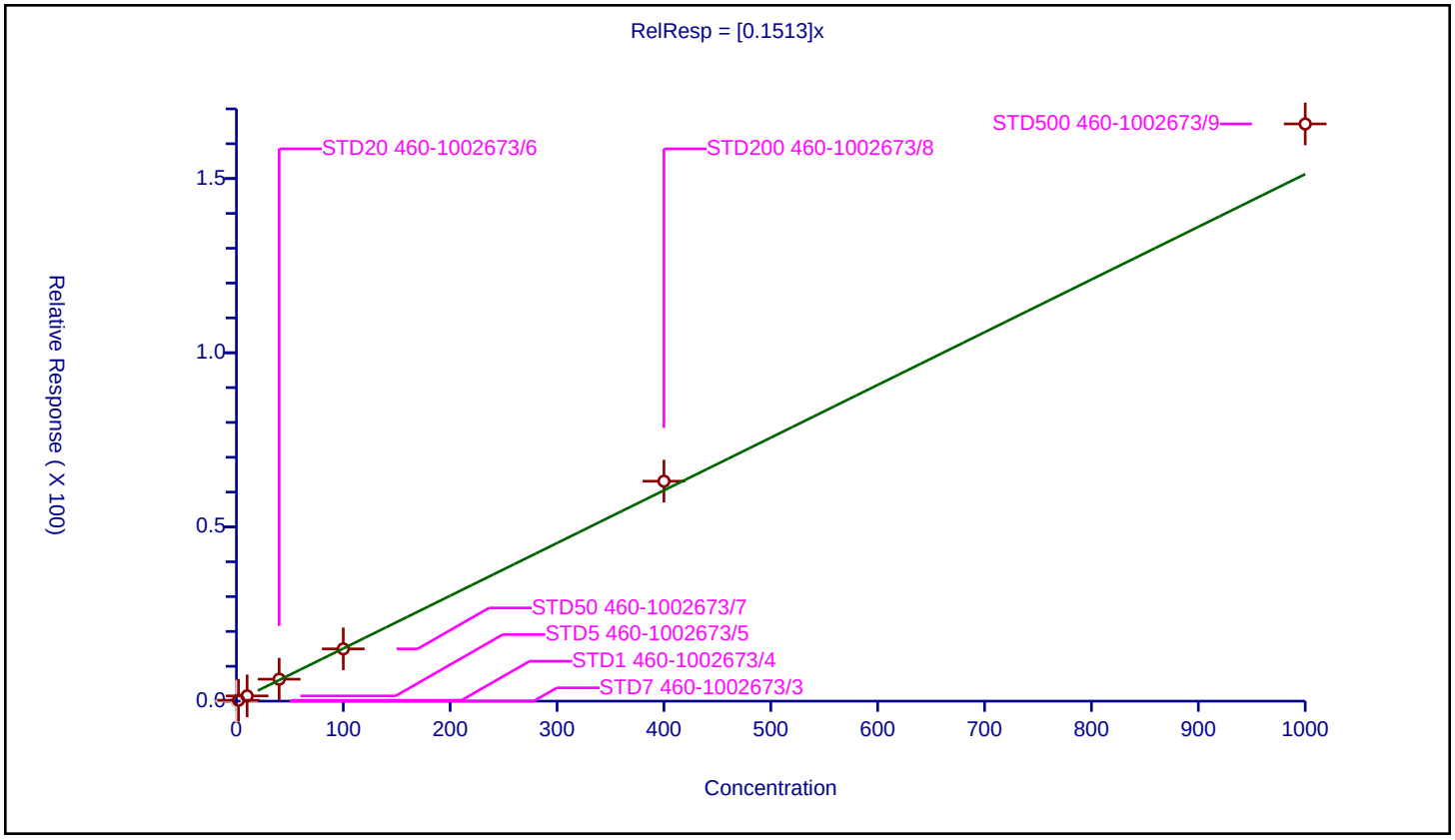
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1513 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 0.252575 | 50.0 | 628327.0 | 0.126288 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 1.502511 | 50.0 | 630012.0 | 0.150251 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 6.302061 | 50.0 | 622344.0 | 0.157552 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 15.0012 | 50.0 | 616714.0 | 0.150012 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 63.139732 | 50.0 | 595777.0 | 0.157849 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 165.676655 | 50.0 | 597114.0 | 0.165677 | Y |



## Calibration / 1,4-Dioxane

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

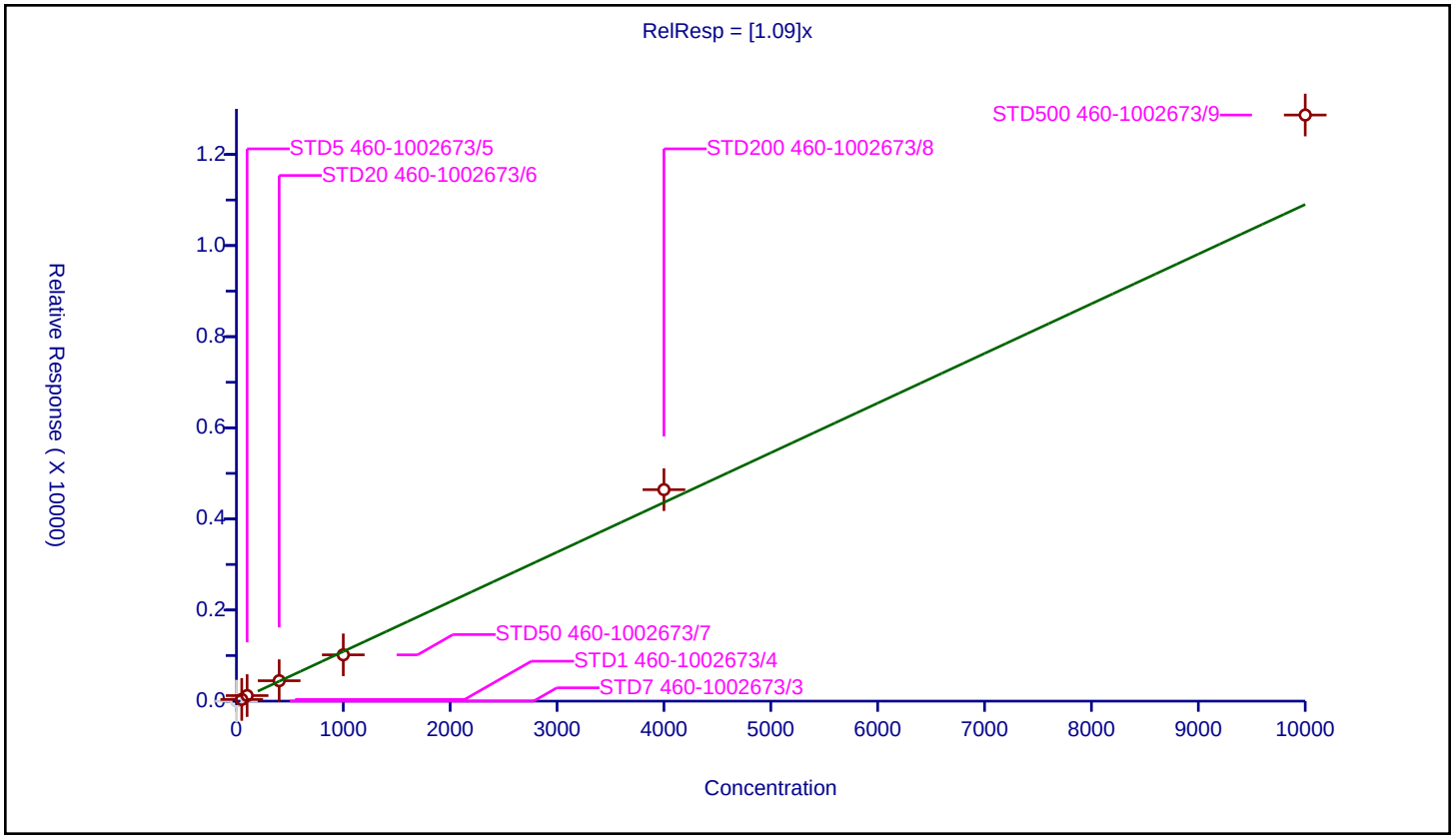
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.09 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 1000.0 | 22214.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 50.000062 | 36.896489 | 1000.0 | 21872.0 | 0.737929 | Y |
| 3 | STD5 460-1002673/5 | 100.0 | 122.012009 | 1000.0 | 26481.0 | 1.22012 | Y |
| 4 | STD20 460-1002673/6 | 400.0 | 447.924461 | 1000.0 | 28065.0 | 1.119811 | Y |
| 5 | STD50 460-1002673/7 | 1000.0 | 1016.641045 | 1000.0 | 26020.0 | 1.016641 | Y |
| 6 | STD200 460-1002673/8 | 4000.0 | 4642.065026 | 1000.0 | 23806.0 | 1.160516 | Y |
| 7 | STD500 460-1002673/9 | 10000.0 | 12865.710561 | 1000.0 | 23010.0 | 1.286571 | Y |



## Calibration / n-Propyl acetate

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

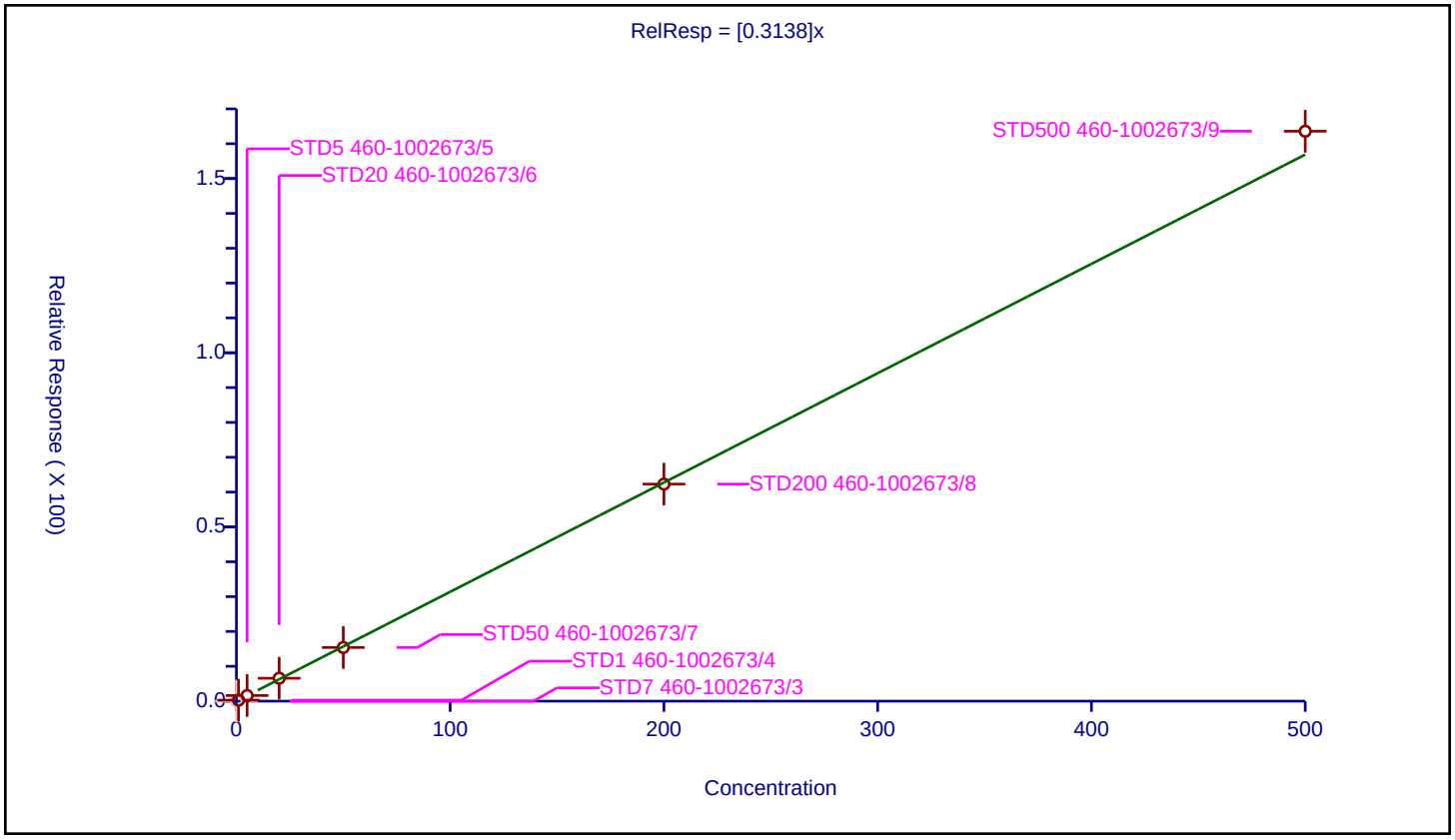
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3138 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.284884 | 50.0 | 628327.0 | 0.284884 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.612271 | 50.0 | 630012.0 | 0.322454 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.573615 | 50.0 | 622344.0 | 0.328681 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.393683 | 50.0 | 616714.0 | 0.307874 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 62.295372 | 50.0 | 595777.0 | 0.311477 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 163.584173 | 50.0 | 597114.0 | 0.327168 | Y |



## Calibration / Dibromomethane

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

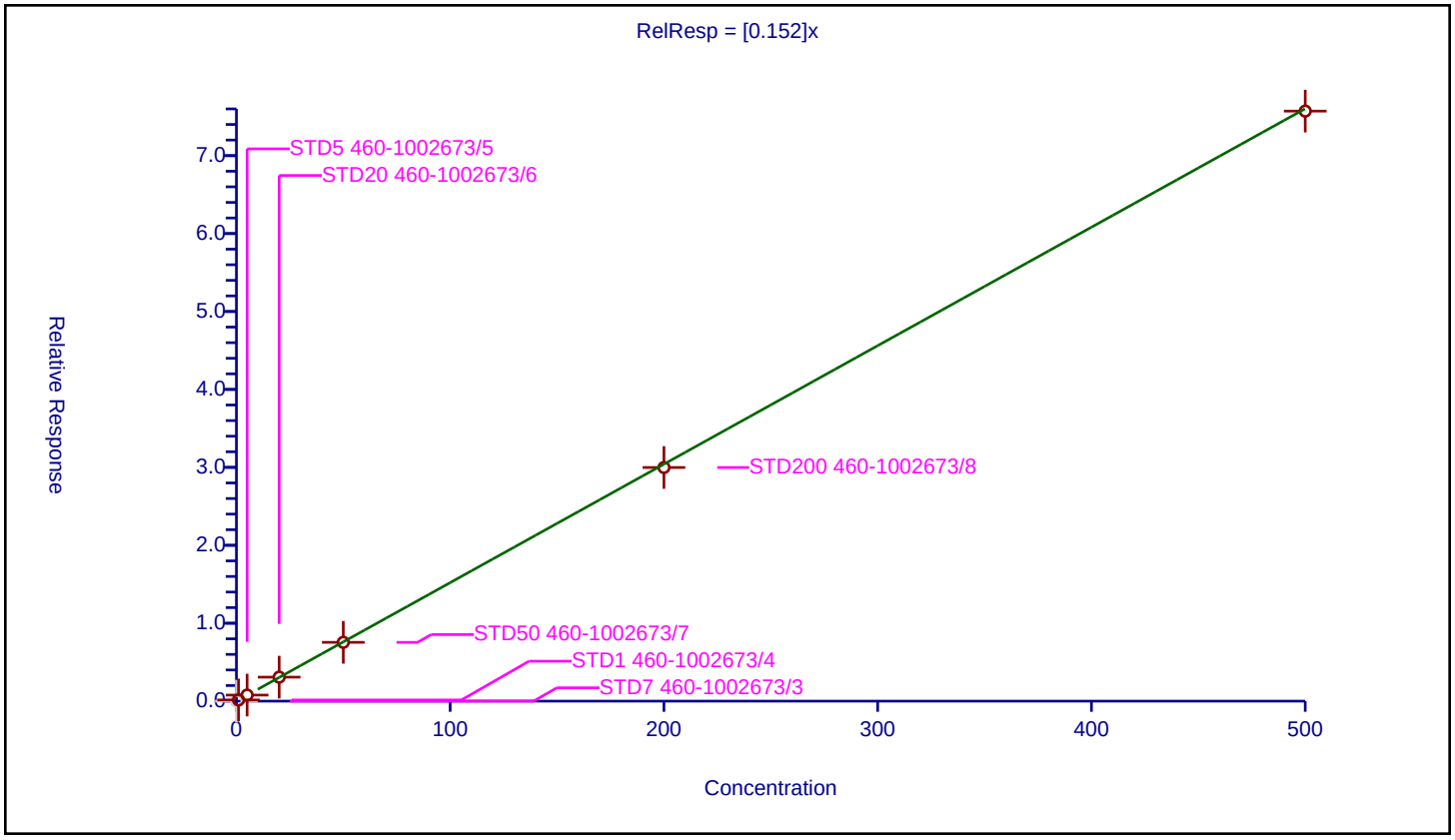
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.152 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.150638 | 50.0 | 628327.0 | 0.150638 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.777922 | 50.0 | 630012.0 | 0.155584 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.076675 | 50.0 | 622344.0 | 0.153834 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 7.544259 | 50.0 | 616714.0 | 0.150885 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 29.982947 | 50.0 | 595777.0 | 0.149915 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 75.717451 | 50.0 | 597114.0 | 0.151435 | Y |



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## Calibration / Dichlorobromomethane

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

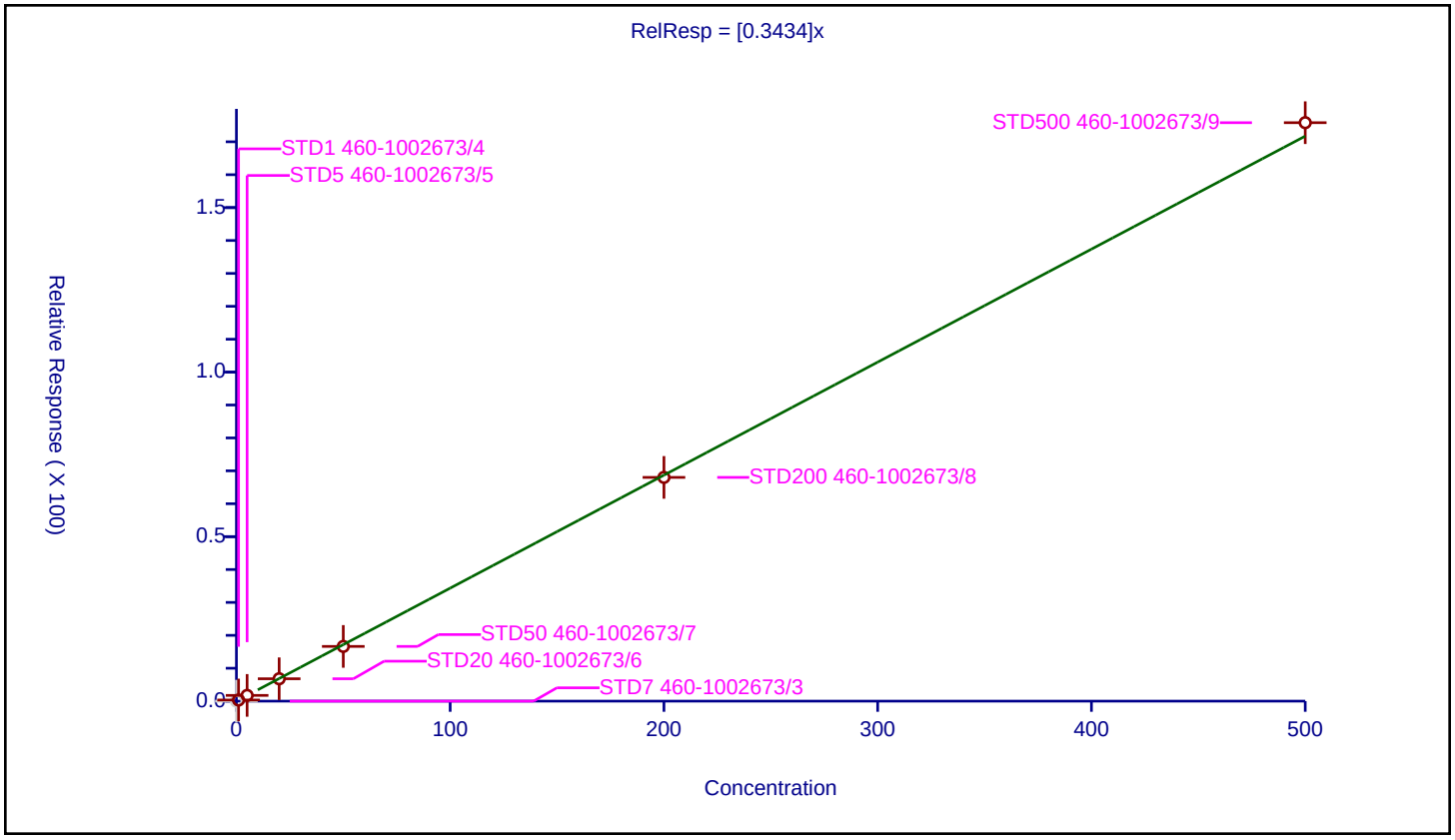
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3434 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.347192 | 50.0 | 628327.0 | 0.347192 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.744491 | 50.0 | 630012.0 | 0.348898 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.807328 | 50.0 | 622344.0 | 0.340366 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 16.628129 | 50.0 | 616714.0 | 0.332563 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 68.001534 | 50.0 | 595777.0 | 0.340008 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 175.809812 | 50.0 | 597114.0 | 0.35162 | Y |



## Calibration / 2-Nitropropane

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

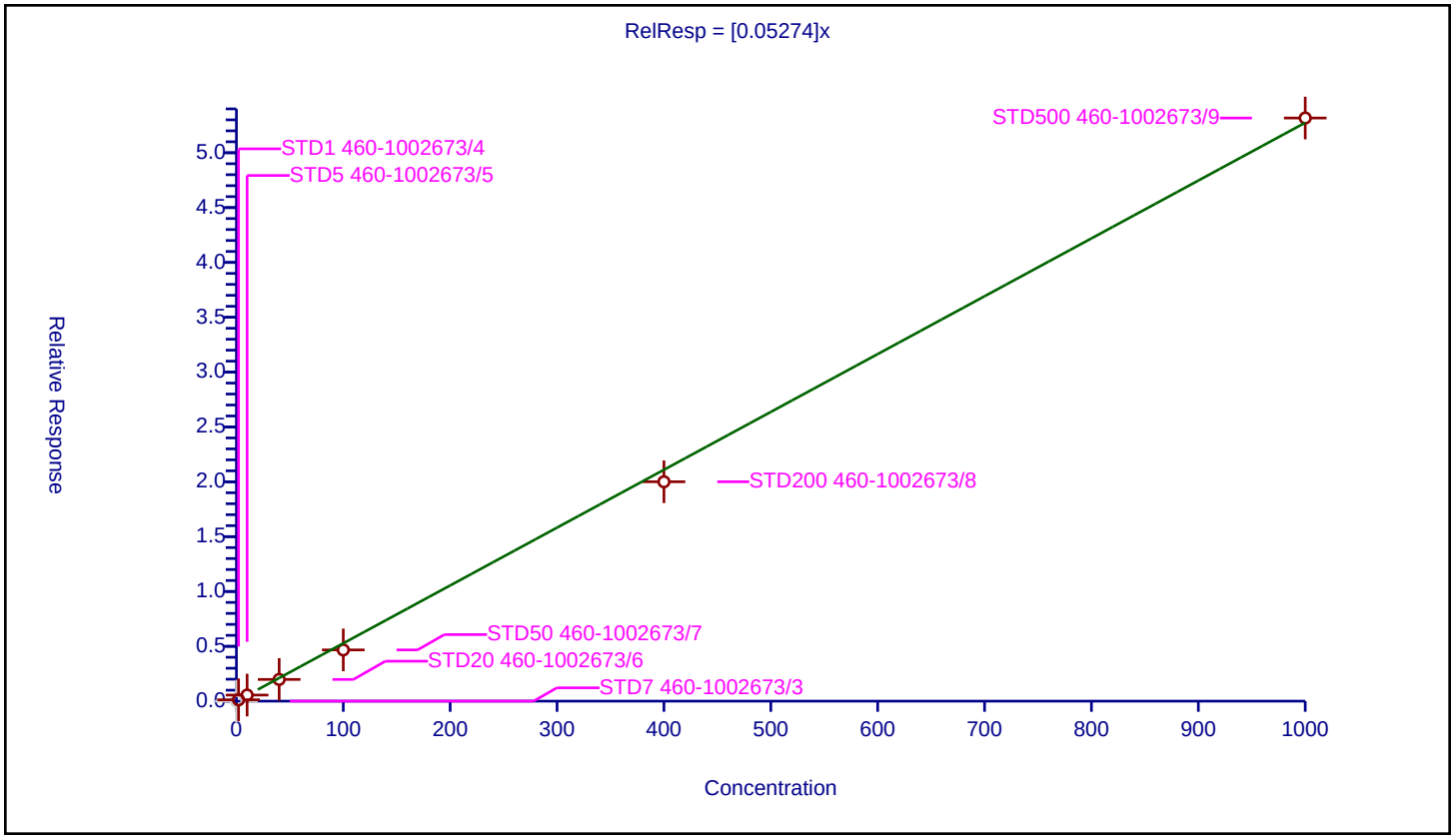
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05274 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 2.0 | 0.123184 | 50.0 | 628327.0 | 0.061592 | Y |
| 3 | STD5 460-1002673/5 | 10.0 | 0.555386 | 50.0 | 630012.0 | 0.055539 | Y |
| 4 | STD20 460-1002673/6 | 40.0 | 1.976881 | 50.0 | 622344.0 | 0.049422 | Y |
| 5 | STD50 460-1002673/7 | 100.0 | 4.670885 | 50.0 | 616714.0 | 0.046709 | Y |
| 6 | STD200 460-1002673/8 | 400.0 | 20.003038 | 50.0 | 595777.0 | 0.050008 | Y |
| 7 | STD500 460-1002673/9 | 1000.0 | 53.167486 | 50.0 | 597114.0 | 0.053167 | Y |



## Calibration / Epichlorohydrin

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

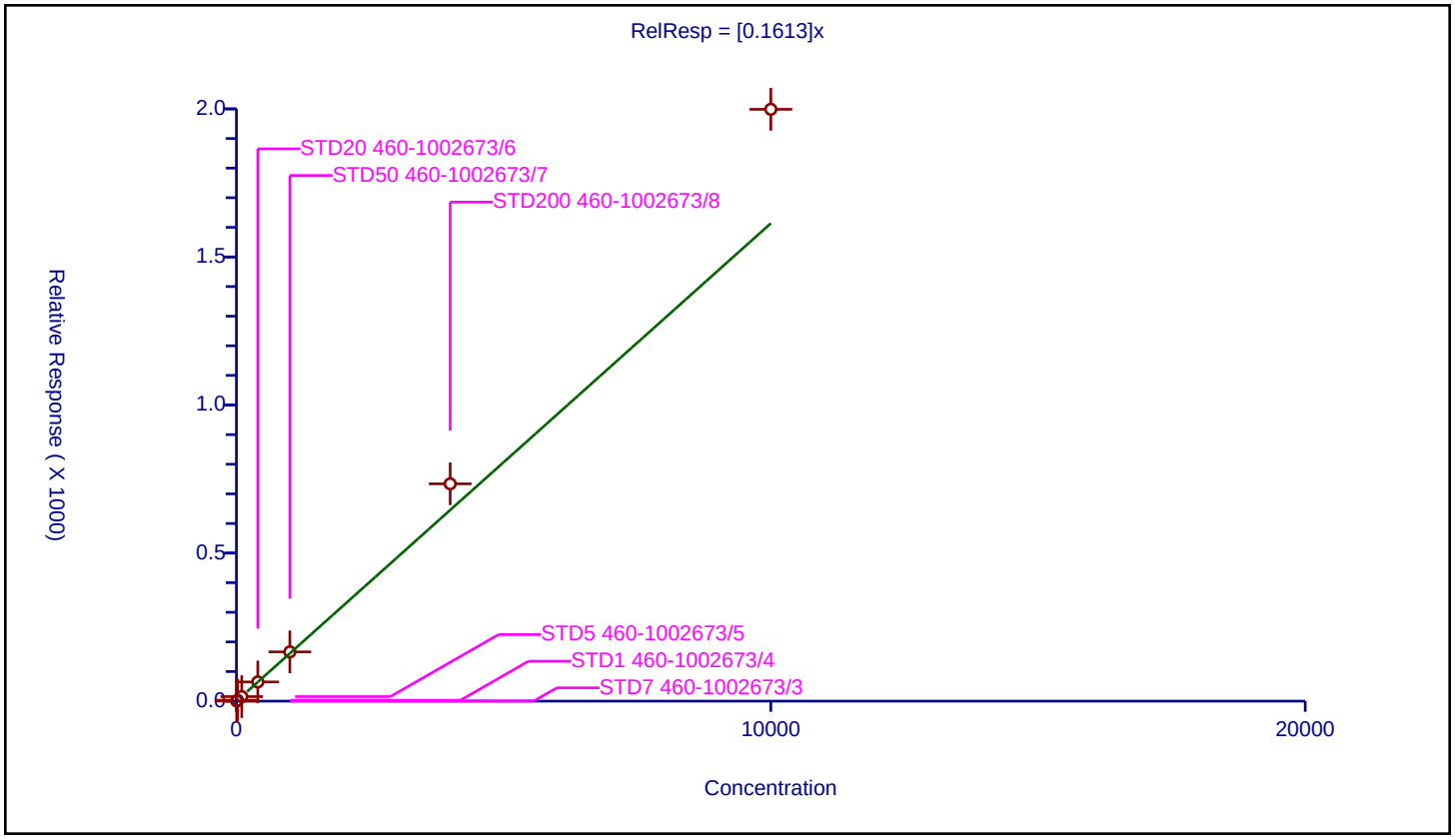
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1613 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 5.000009 | 0.572719 | 250.0 | 285044.0 | 0.114544 | Y |
| 2 | STD1 460-1002673/4 | 20.000035 | 2.988561 | 250.0 | 287262.0 | 0.149428 | Y |
| 3 | STD5 460-1002673/5 | 100.000173 | 15.377361 | 250.0 | 320780.0 | 0.153773 | Y |
| 4 | STD20 460-1002673/6 | 400.000692 | 64.771491 | 250.0 | 320797.0 | 0.161928 | Y |
| 5 | STD50 460-1002673/7 | 1000.00173 | 166.389914 | 250.0 | 288766.0 | 0.16639 | Y |
| 6 | STD200 460-1002673/8 | 4000.00692 | 733.885792 | 250.0 | 295950.0 | 0.183471 | Y |
| 7 | STD500 460-1002673/9 | 10000.0173 | 1998.544179 | 250.0 | 304124.0 | 0.199854 | Y |



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## Calibration / cis-1,3-Dichloropropene

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

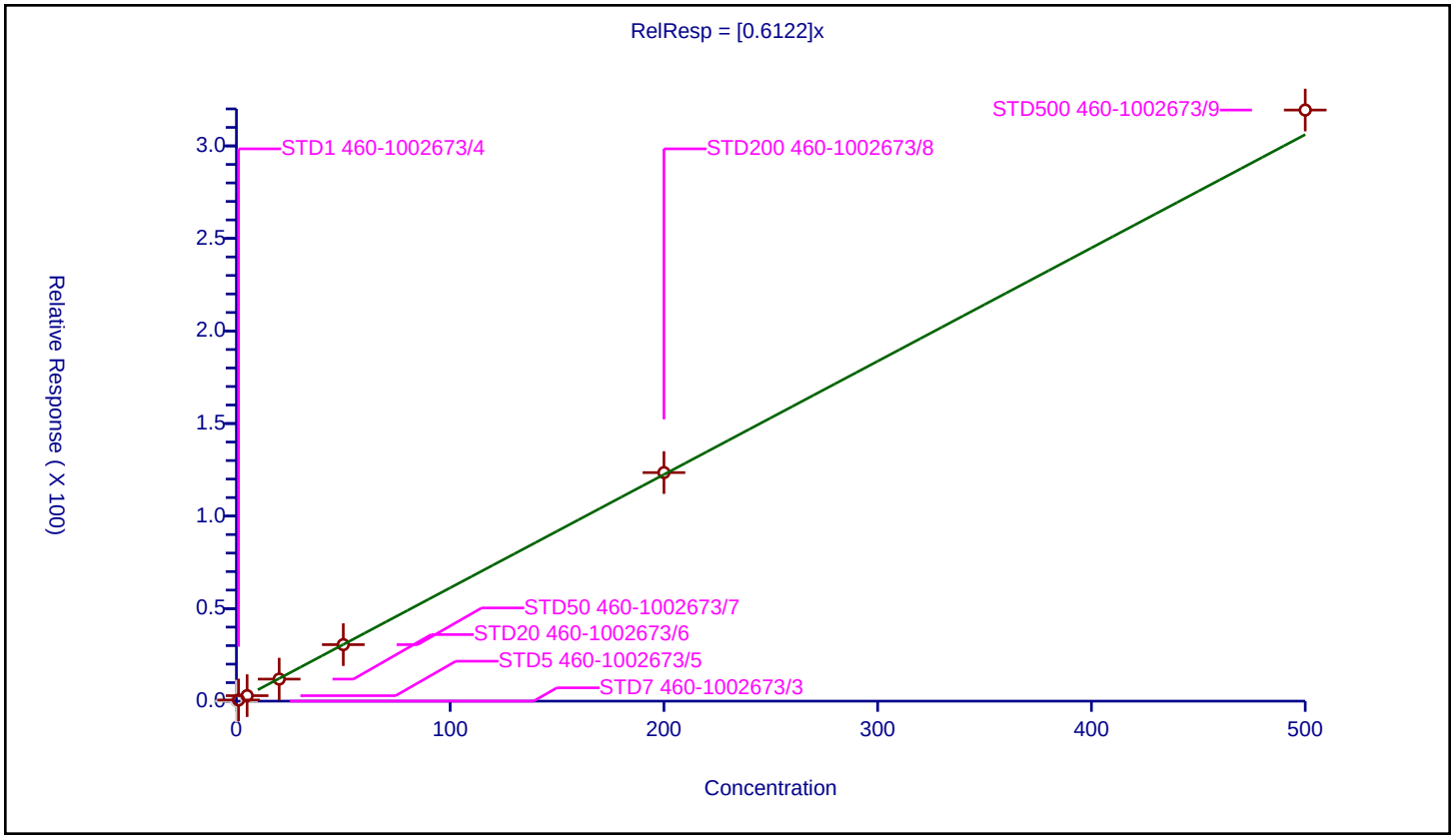
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6122 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.619389 | 50.0 | 445197.0 | 0.619389 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.960412 | 50.0 | 453366.0 | 0.592082 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 11.903501 | 50.0 | 458739.0 | 0.595175 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 30.531724 | 50.0 | 452490.0 | 0.610634 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 123.488846 | 50.0 | 457713.0 | 0.617444 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 319.376991 | 50.0 | 461101.0 | 0.638754 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

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

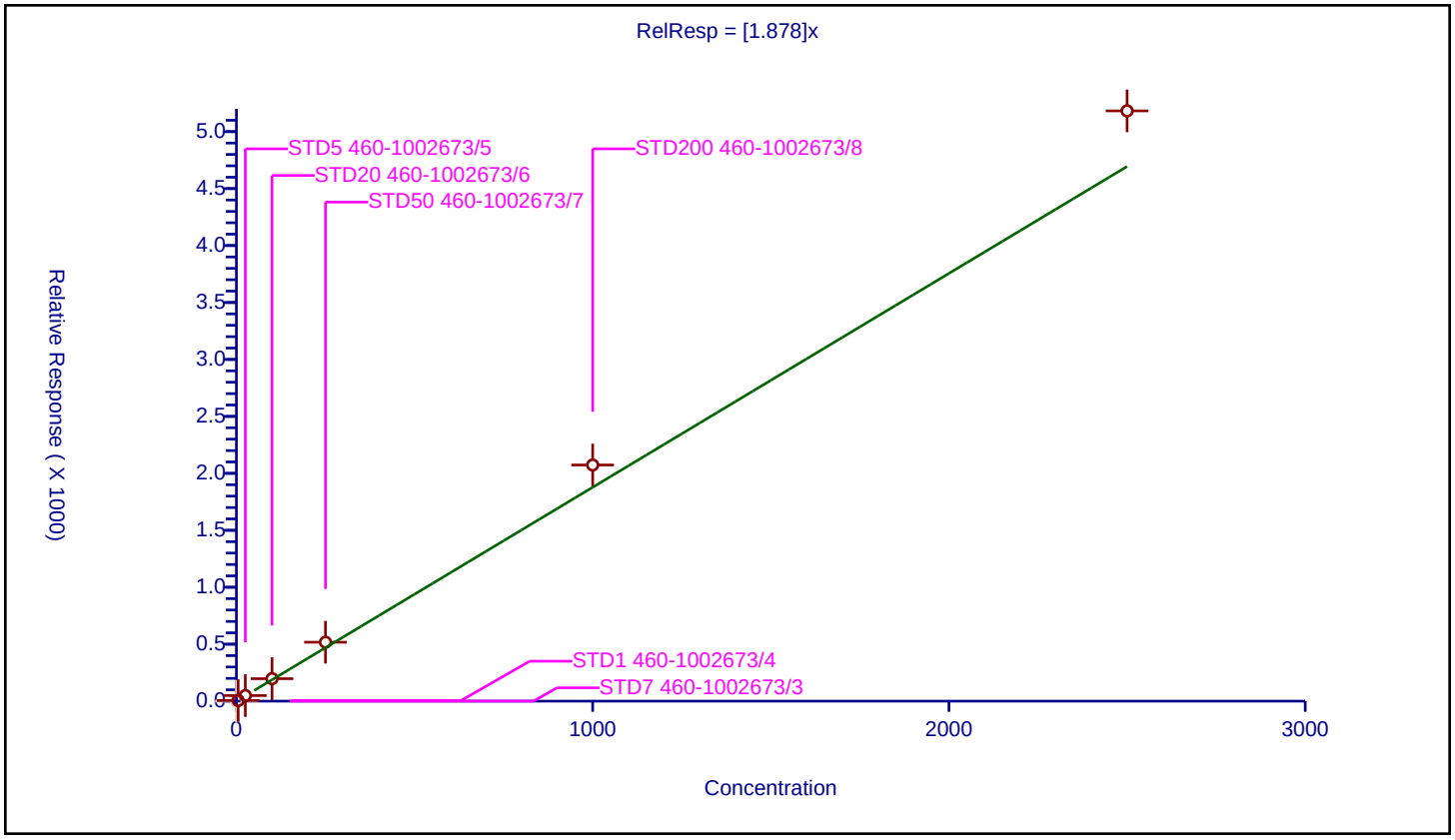
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.878 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 5.0 | 5.600288 | 250.0 | 287262.0 | 1.120058 | Y |
| 3 | STD5 460-1002673/5 | 25.0 | 48.943201 | 250.0 | 320780.0 | 1.957728 | Y |
| 4 | STD20 460-1002673/6 | 100.0 | 197.313254 | 250.0 | 320797.0 | 1.973133 | Y |
| 5 | STD50 460-1002673/7 | 250.0 | 517.405962 | 250.0 | 288766.0 | 2.069624 | Y |
| 6 | STD200 460-1002673/8 | 1000.0 | 2073.349383 | 250.0 | 295950.0 | 2.073349 | Y |
| 7 | STD500 460-1002673/9 | 2500.0 | 5182.404217 | 250.0 | 304124.0 | 2.072962 | Y |



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## Calibration / Toluene-d8 (Surr)

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

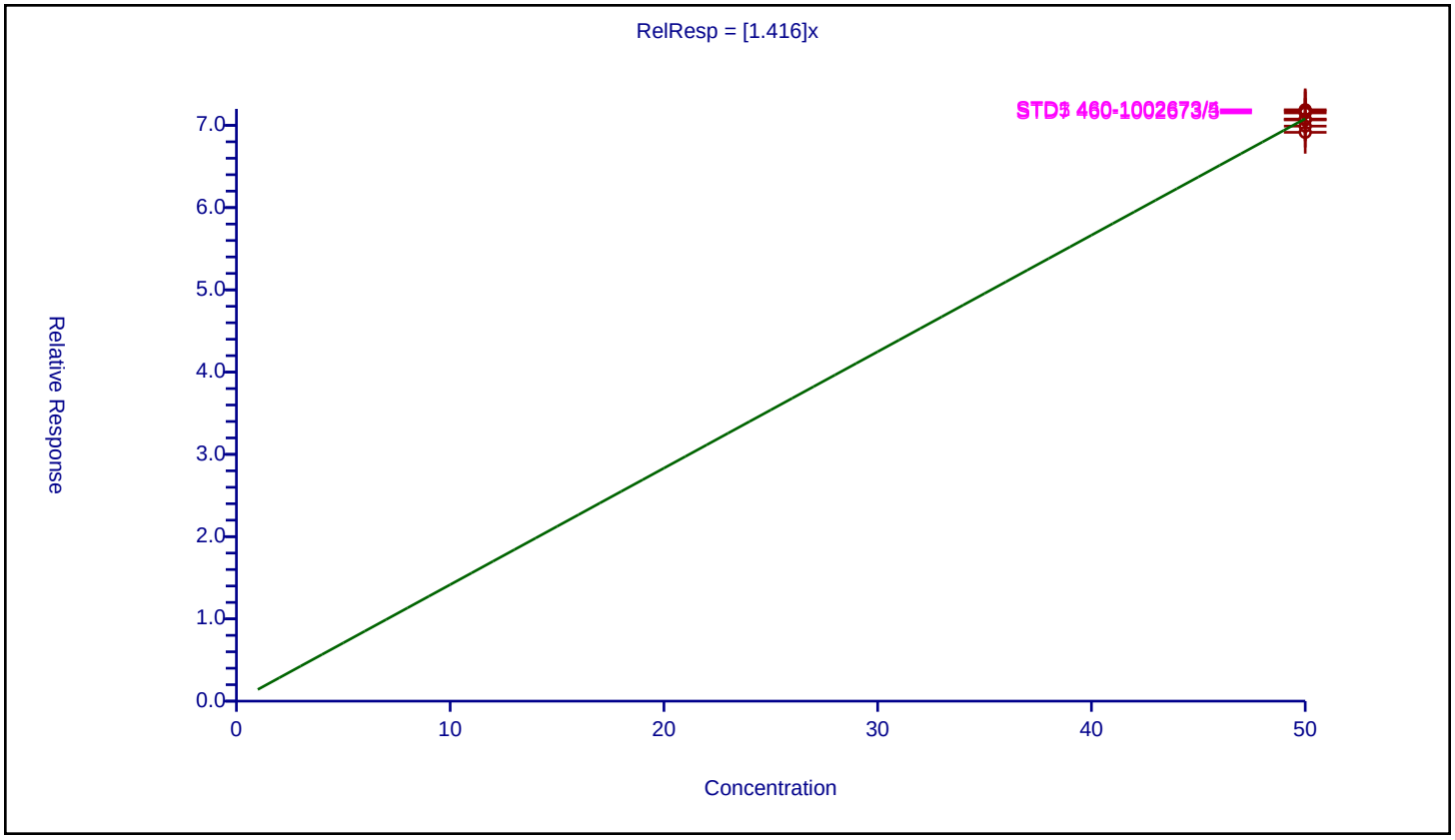
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.416 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 50.0 | 71.51134 | 50.0 | 444956.0 | 1.430227 | Y |
| 2 | STD1 460-1002673/4 | 50.0 | 71.893342 | 50.0 | 445197.0 | 1.437867 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 71.754719 | 50.0 | 453366.0 | 1.435094 | Y |
| 4 | STD20 460-1002673/6 | 50.0 | 70.763768 | 50.0 | 458739.0 | 1.415275 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 70.662114 | 50.0 | 452490.0 | 1.413242 | Y |
| 6 | STD200 460-1002673/8 | 50.0 | 69.905487 | 50.0 | 457713.0 | 1.39811 | Y |
| 7 | STD500 460-1002673/9 | 50.0 | 69.149058 | 50.0 | 461101.0 | 1.382981 | Y |



## Calibration / Toluene

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

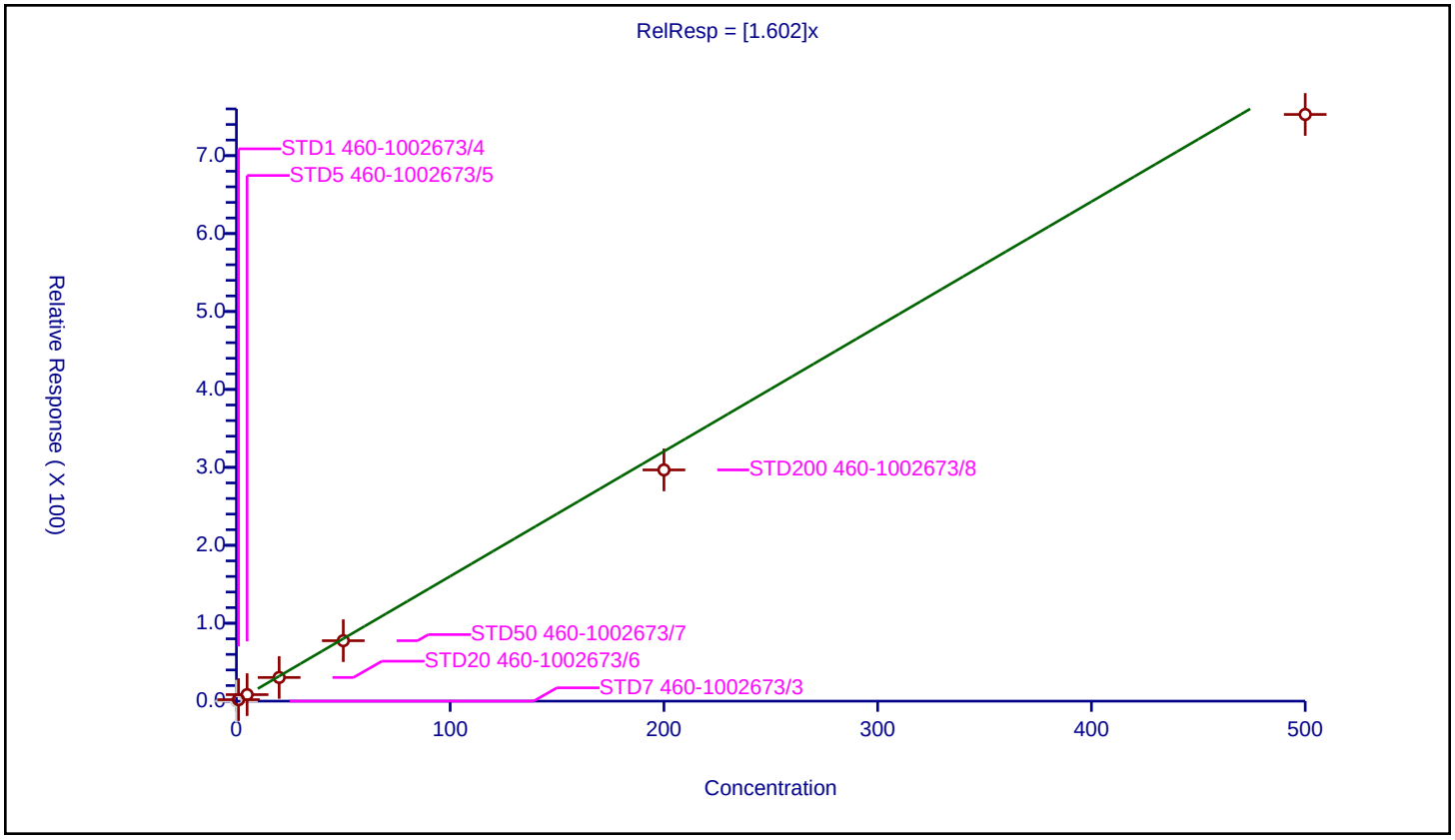
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.602 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.882762 | 50.0 | 445197.0 | 1.882762 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 8.369397 | 50.0 | 453366.0 | 1.673879 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 30.359529 | 50.0 | 458739.0 | 1.517976 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 77.552322 | 50.0 | 452490.0 | 1.551046 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 296.7023 | 50.0 | 457713.0 | 1.483512 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 752.847966 | 50.0 | 461101.0 | 1.505696 | Y |



## Calibration / trans-1,3-Dichloropropene

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

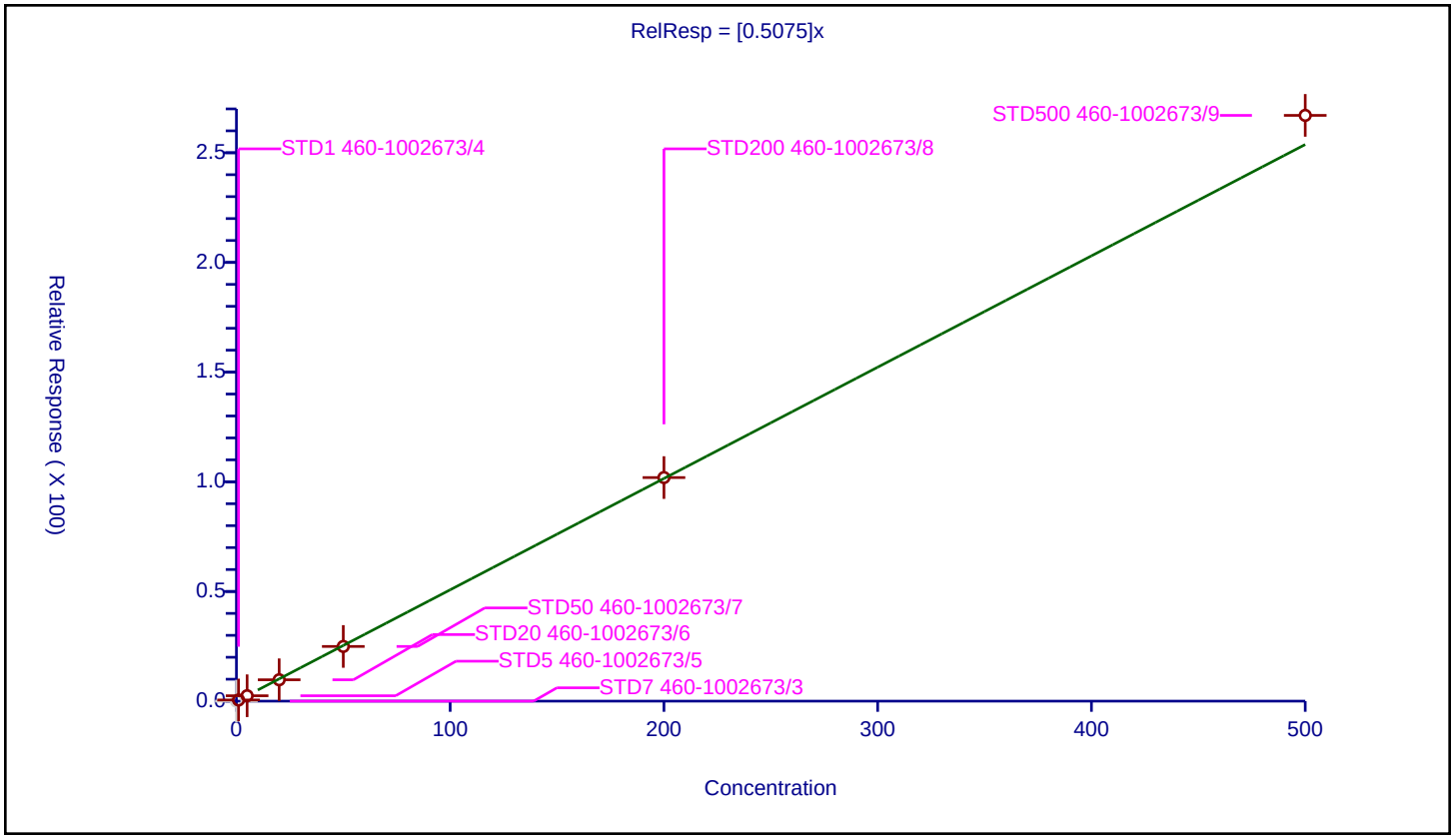
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5075 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.523139 | 50.0 | 445197.0 | 0.523139 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.462249 | 50.0 | 453366.0 | 0.49245 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 9.740179 | 50.0 | 458739.0 | 0.487009 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 24.935026 | 50.0 | 452490.0 | 0.498701 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 101.923804 | 50.0 | 457713.0 | 0.509619 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 267.036831 | 50.0 | 461101.0 | 0.534074 | Y |



## Calibration / Ethyl methacrylate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

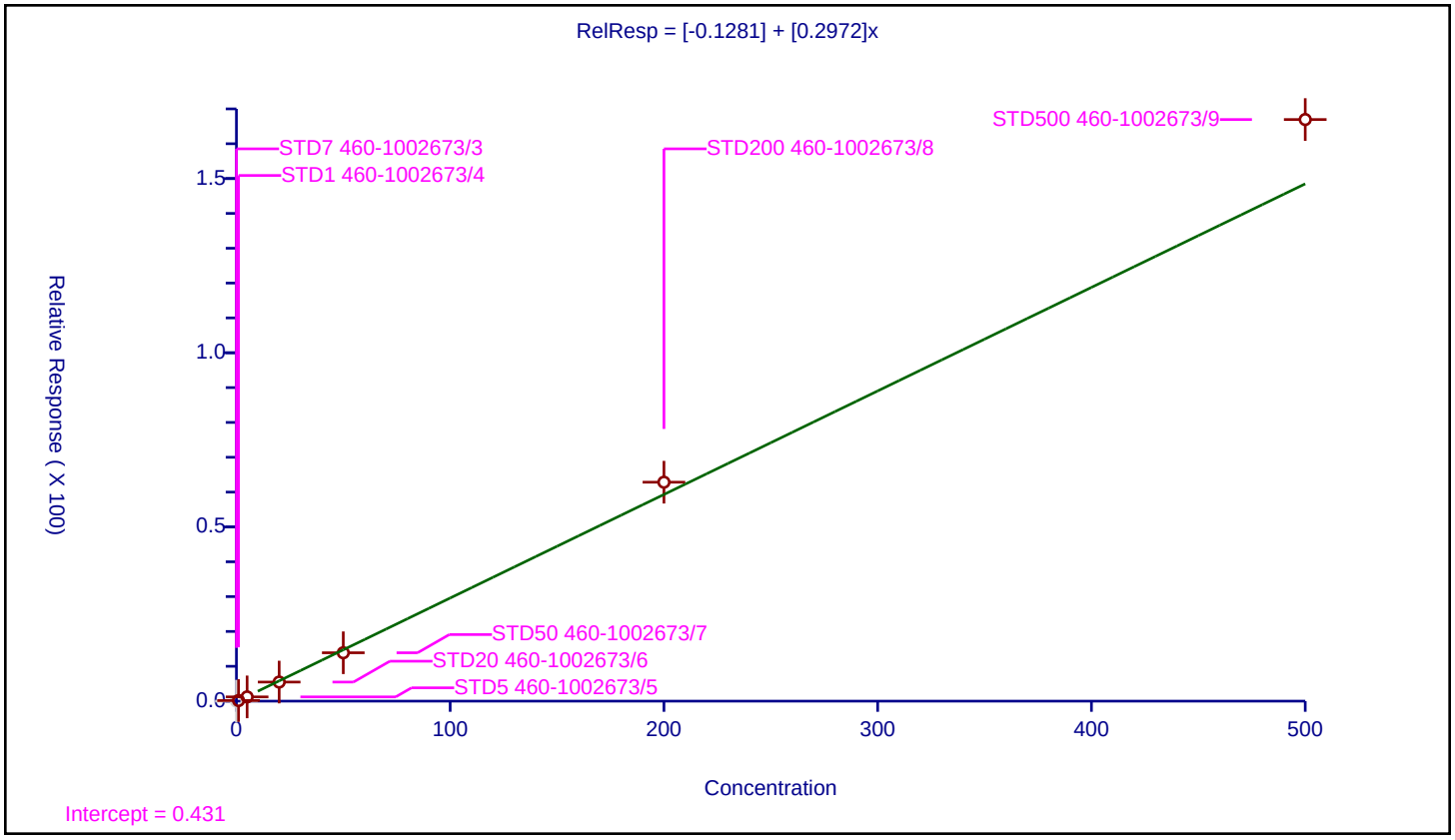
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1281 |
| **Slope:** | 0.2972 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 631121.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.175625 | 50.0 | 628327.0 | 0.175625 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.22212 | 50.0 | 630012.0 | 0.244424 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.476794 | 50.0 | 622344.0 | 0.27384 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 13.890961 | 50.0 | 616714.0 | 0.277819 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 62.845998 | 50.0 | 595777.0 | 0.31423 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 166.941572 | 50.0 | 597114.0 | 0.333883 | Y |



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## Calibration / 1,1,2-Trichloroethane

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

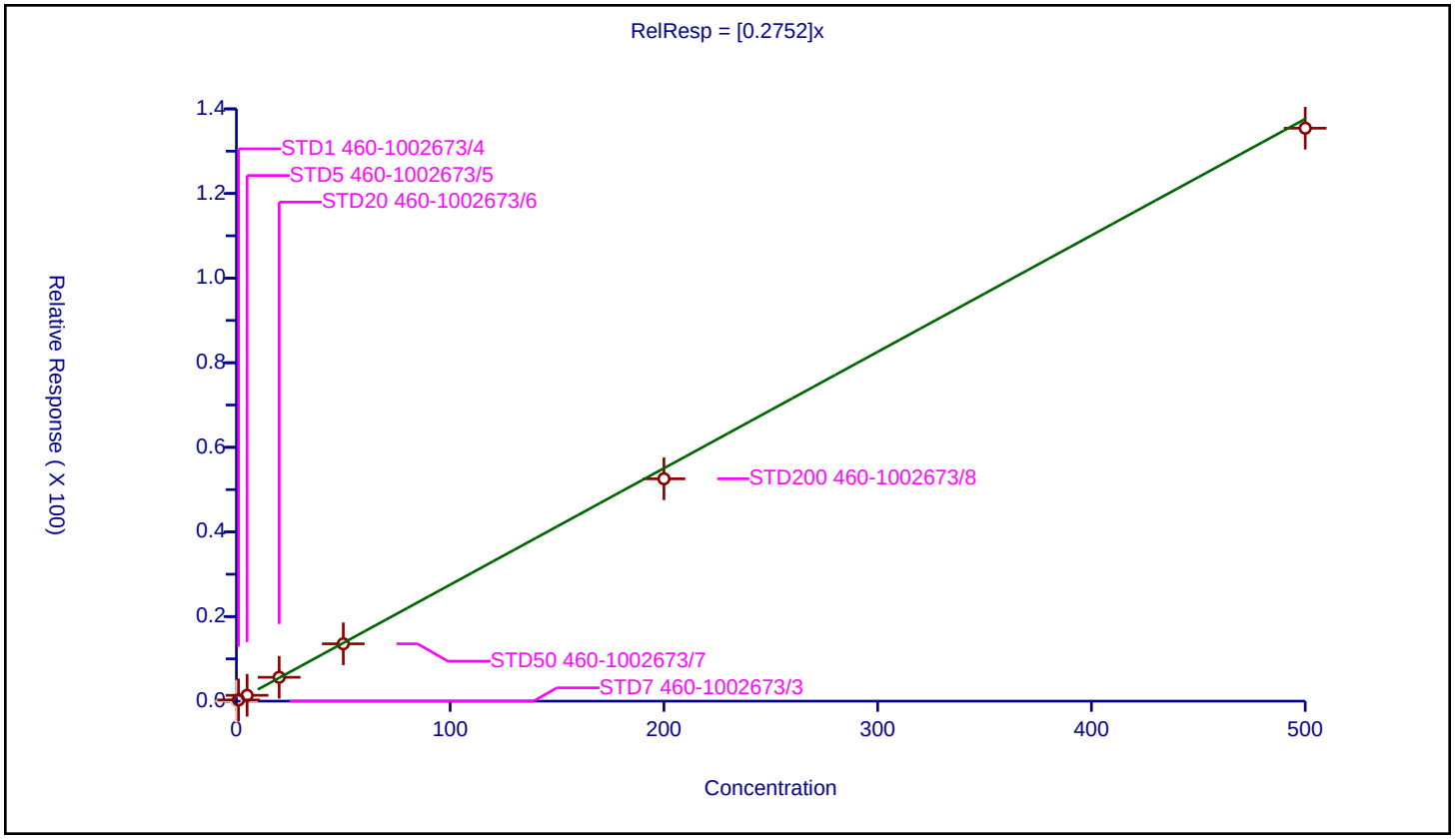
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2752 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.289535 | 50.0 | 445197.0 | 0.289535 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.376482 | 50.0 | 453366.0 | 0.275296 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.636865 | 50.0 | 458739.0 | 0.281843 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 13.55367 | 50.0 | 452490.0 | 0.271073 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 52.564489 | 50.0 | 457713.0 | 0.262822 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 135.437898 | 50.0 | 461101.0 | 0.270876 | Y |



## Calibration / Tetrachloroethene

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

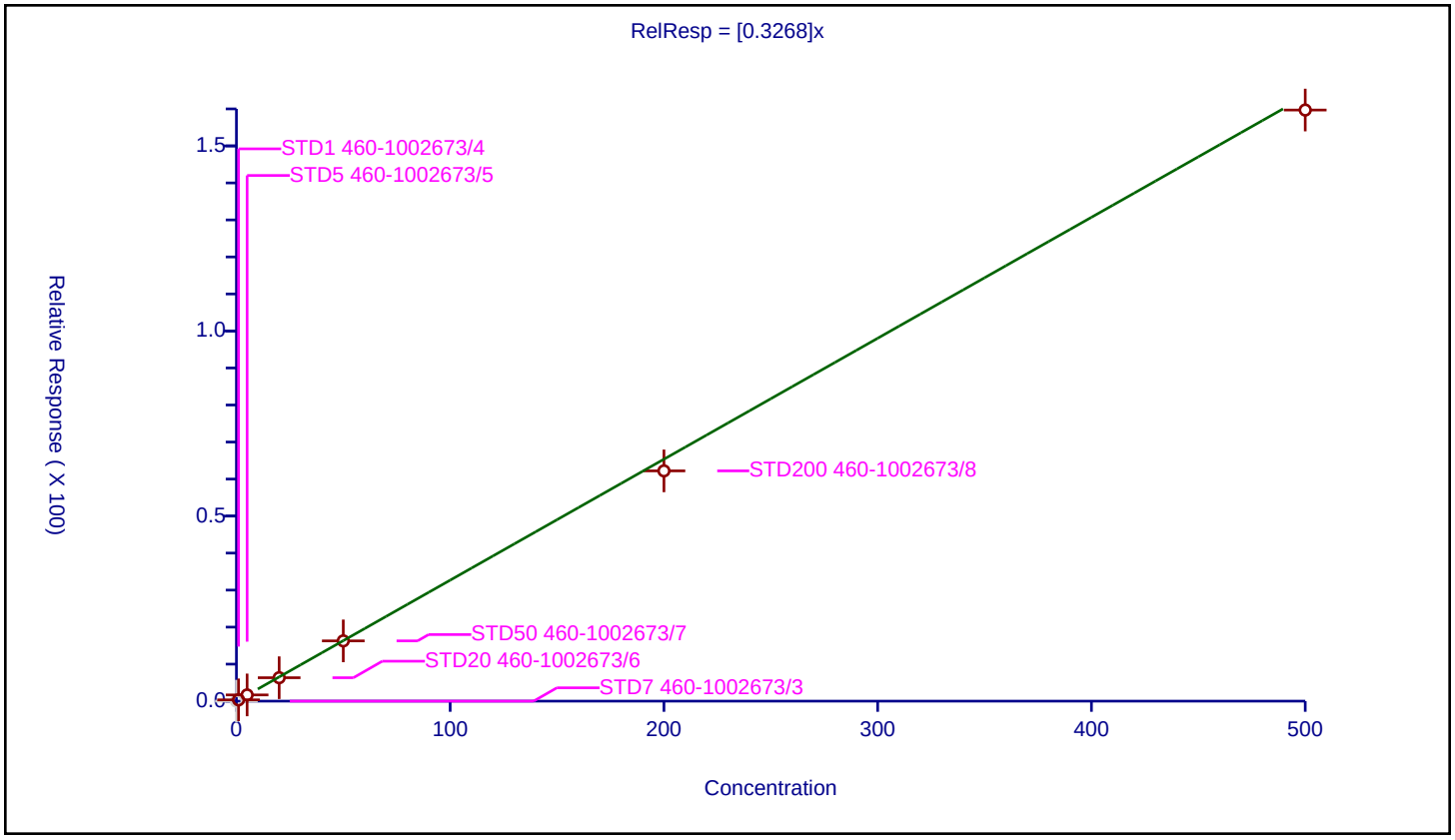
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3268 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.351867 | 50.0 | 445197.0 | 0.351867 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.681423 | 50.0 | 453366.0 | 0.336285 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.330833 | 50.0 | 458739.0 | 0.316542 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 16.280581 | 50.0 | 452490.0 | 0.325612 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 62.210272 | 50.0 | 457713.0 | 0.311051 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 159.688116 | 50.0 | 461101.0 | 0.319376 | Y |



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## Calibration / 1,3-Dichloropropane

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

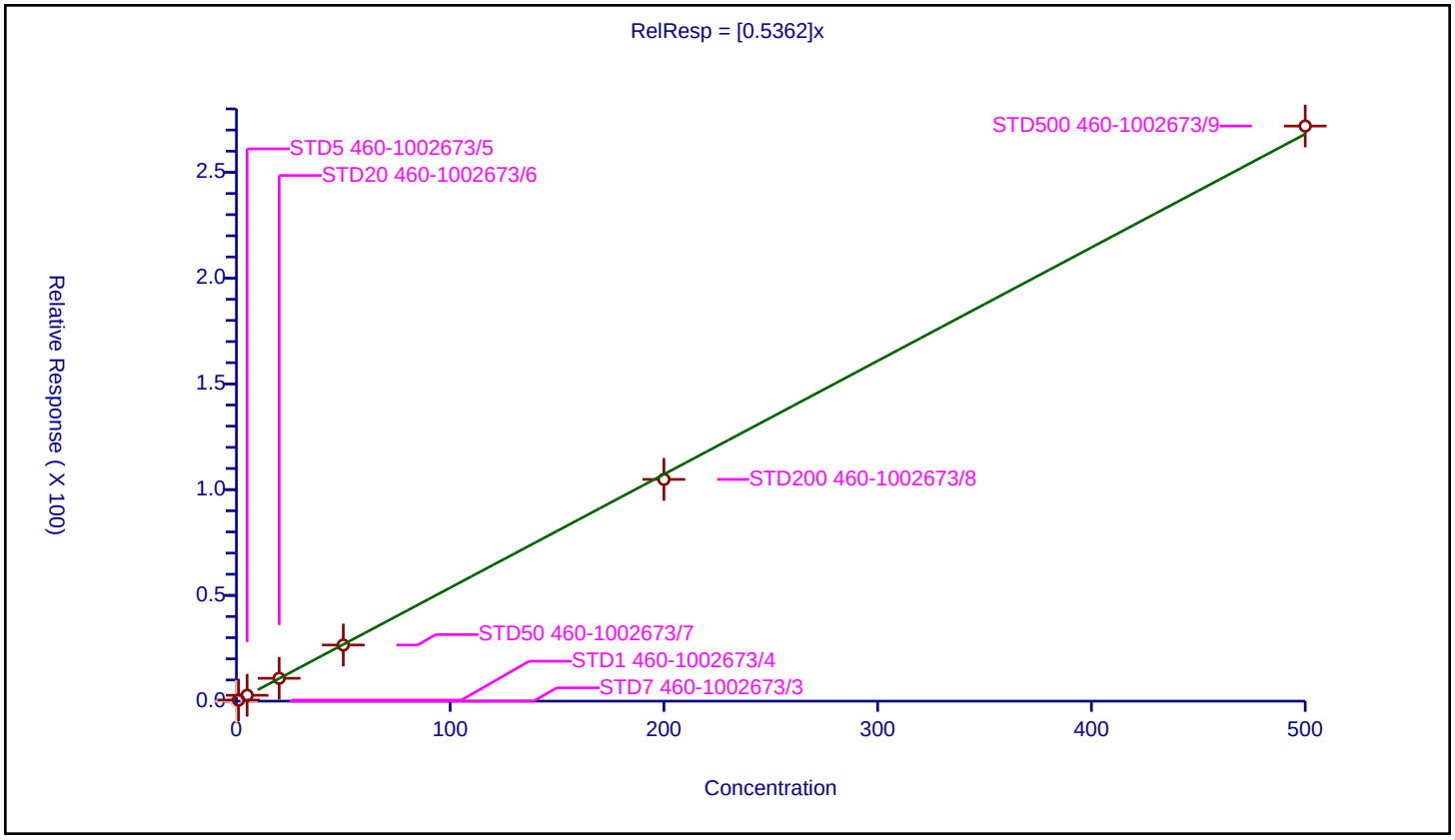
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.523476 | 50.0 | 445197.0 | 0.523476 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.771712 | 50.0 | 453366.0 | 0.554342 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 10.814864 | 50.0 | 458739.0 | 0.540743 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 26.536388 | 50.0 | 452490.0 | 0.530728 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 104.837529 | 50.0 | 457713.0 | 0.524188 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 271.891082 | 50.0 | 461101.0 | 0.543782 | Y |



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## Calibration / 2-Hexanone

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

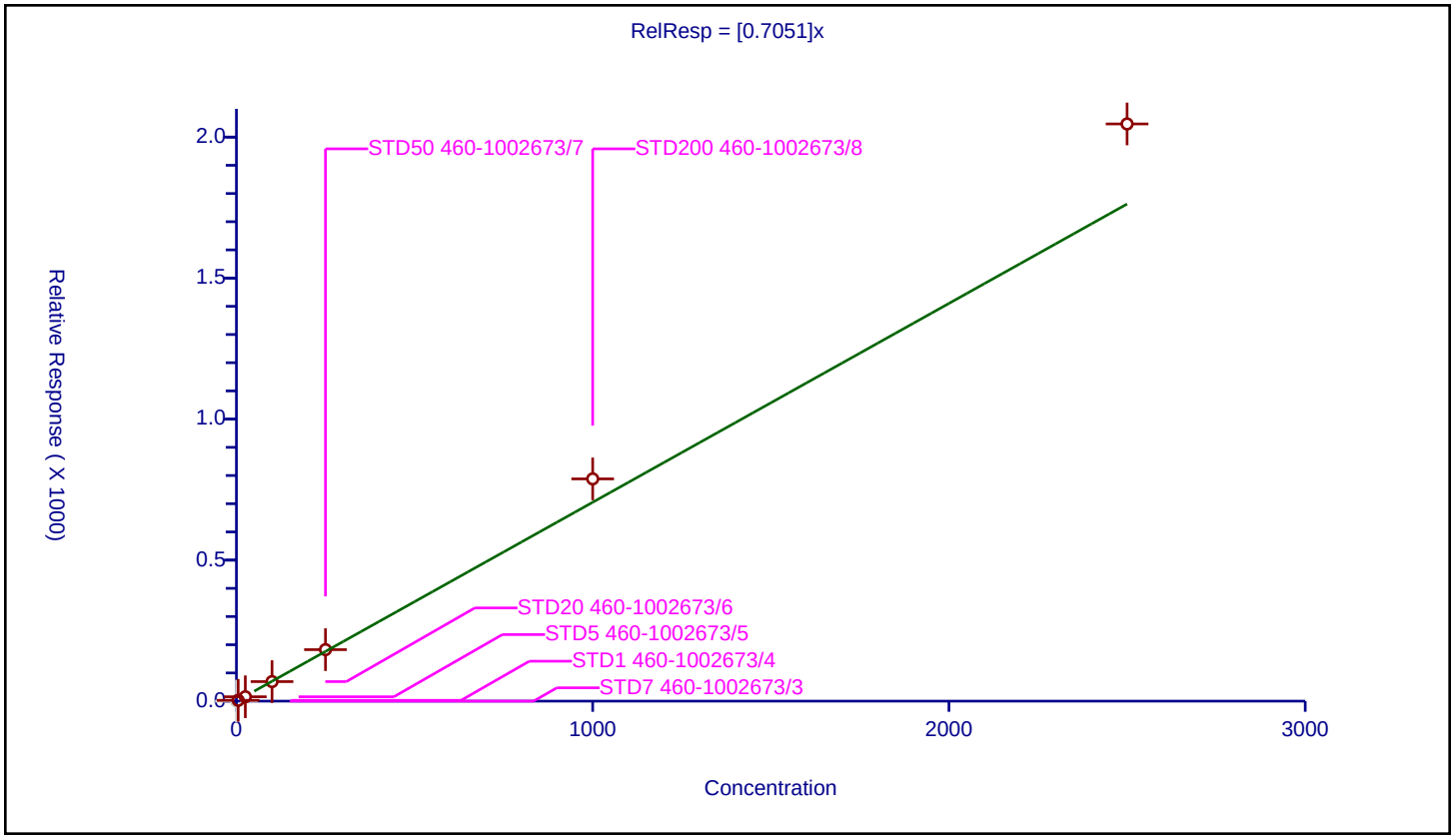
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7051 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 250.0 | 285044.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 5.0 | 2.886738 | 250.0 | 287262.0 | 0.577348 | Y |
| 3 | STD5 460-1002673/5 | 25.0 | 15.579213 | 250.0 | 320780.0 | 0.623169 | Y |
| 4 | STD20 460-1002673/6 | 100.0 | 69.28447 | 250.0 | 320797.0 | 0.692845 | Y |
| 5 | STD50 460-1002673/7 | 250.0 | 182.637499 | 250.0 | 288766.0 | 0.73055 | Y |
| 6 | STD200 460-1002673/8 | 1000.0 | 788.065552 | 250.0 | 295950.0 | 0.788066 | Y |
| 7 | STD500 460-1002673/9 | 2500.0 | 2046.679973 | 250.0 | 304124.0 | 0.818672 | Y |



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## Calibration / n-Butyl acetate

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

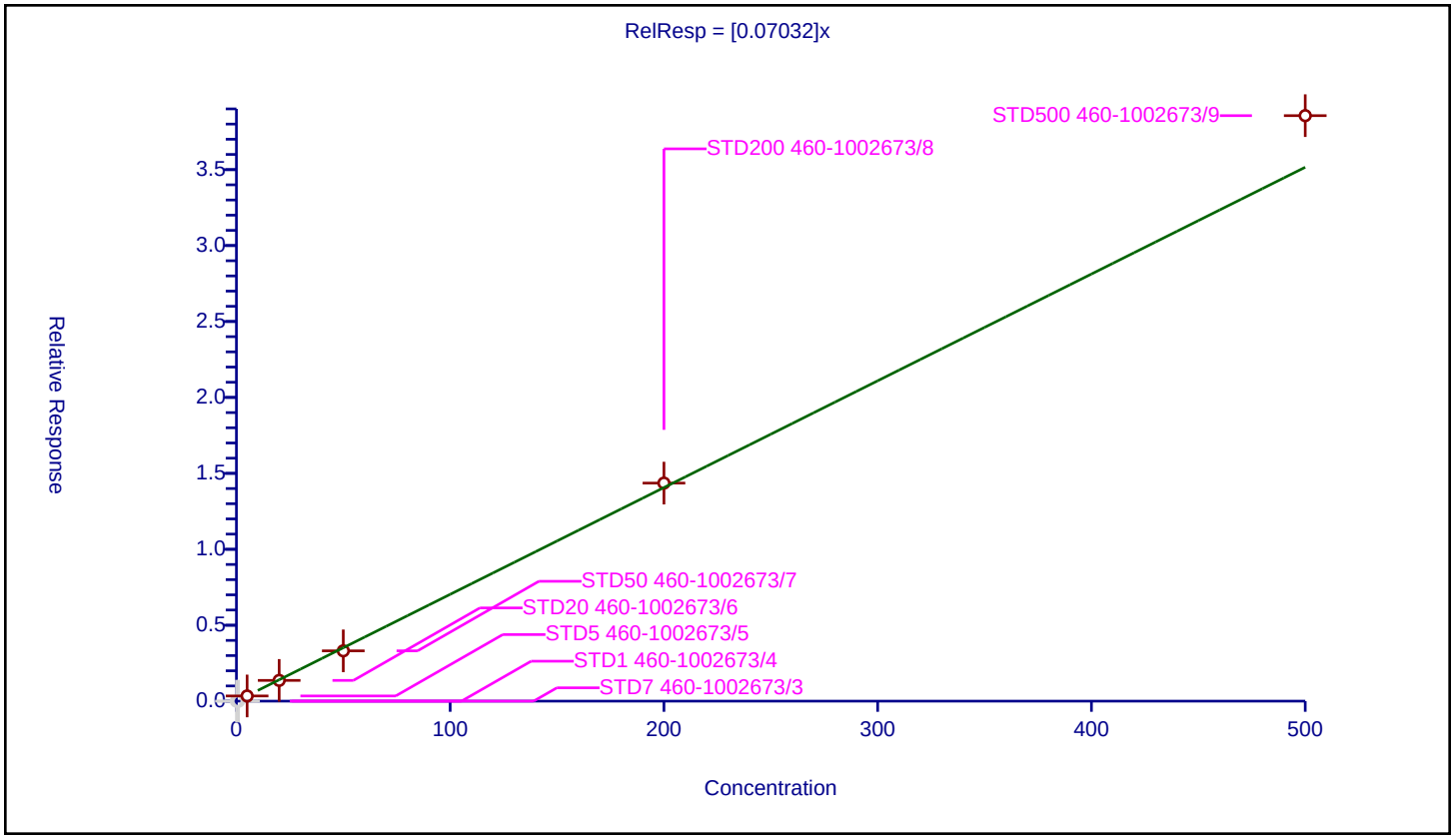
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07032 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.0 | 50.0 | 445197.0 | 0.0 | N |
| 3 | STD5 460-1002673/5 | 5.0 | 0.340895 | 50.0 | 453366.0 | 0.068179 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 1.364828 | 50.0 | 458739.0 | 0.068241 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 3.31278 | 50.0 | 452490.0 | 0.066256 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 14.358561 | 50.0 | 457713.0 | 0.071793 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 38.553809 | 50.0 | 461101.0 | 0.077108 | Y |



## Calibration / Chlorodibromomethane

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

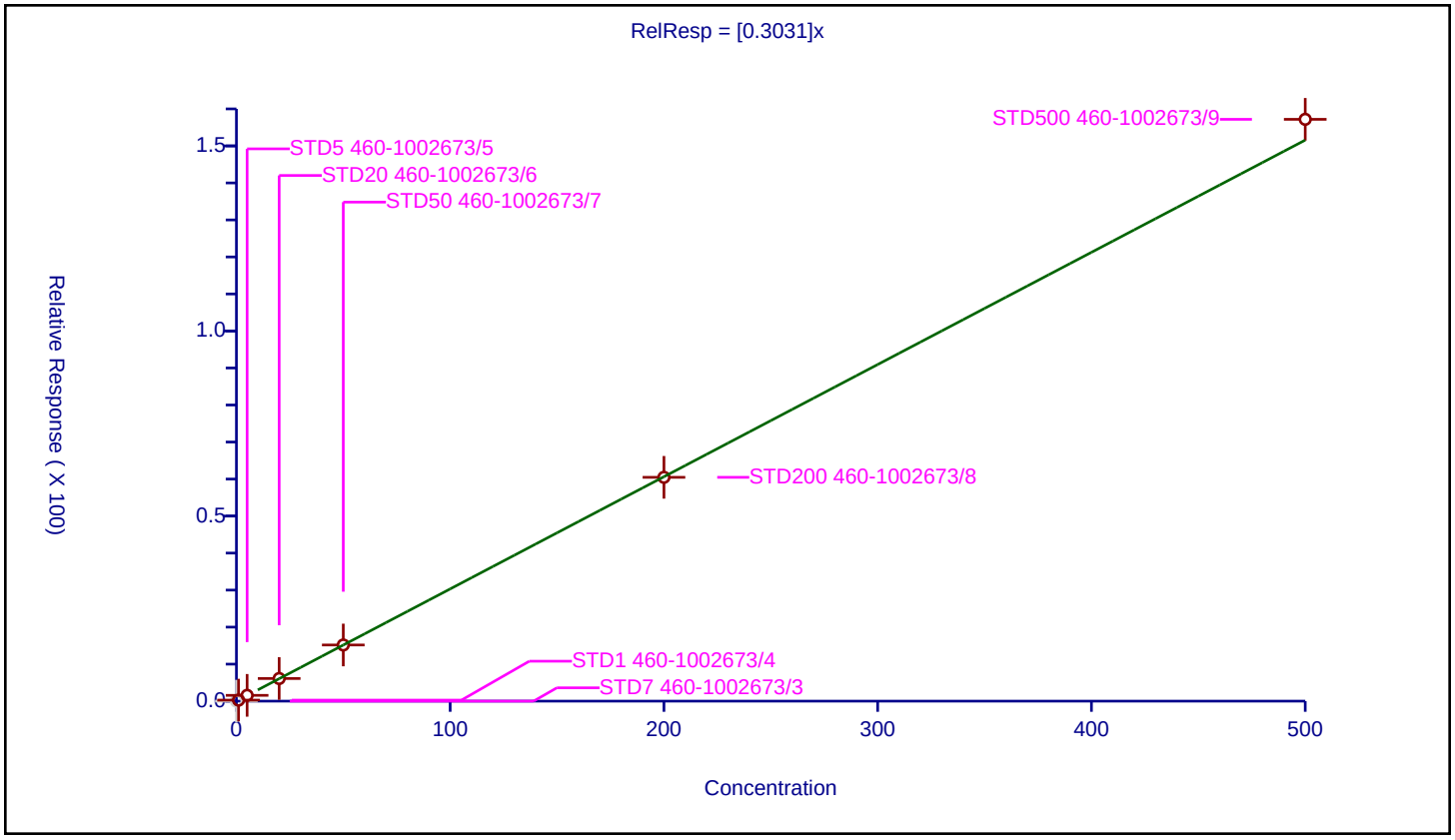
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3031 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.28055 | 50.0 | 445197.0 | 0.28055 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.562314 | 50.0 | 453366.0 | 0.312463 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.113062 | 50.0 | 458739.0 | 0.305653 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.172048 | 50.0 | 452490.0 | 0.303441 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 60.468678 | 50.0 | 457713.0 | 0.302343 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 157.179555 | 50.0 | 461101.0 | 0.314359 | Y |



## Calibration / Ethylene Dibromide

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

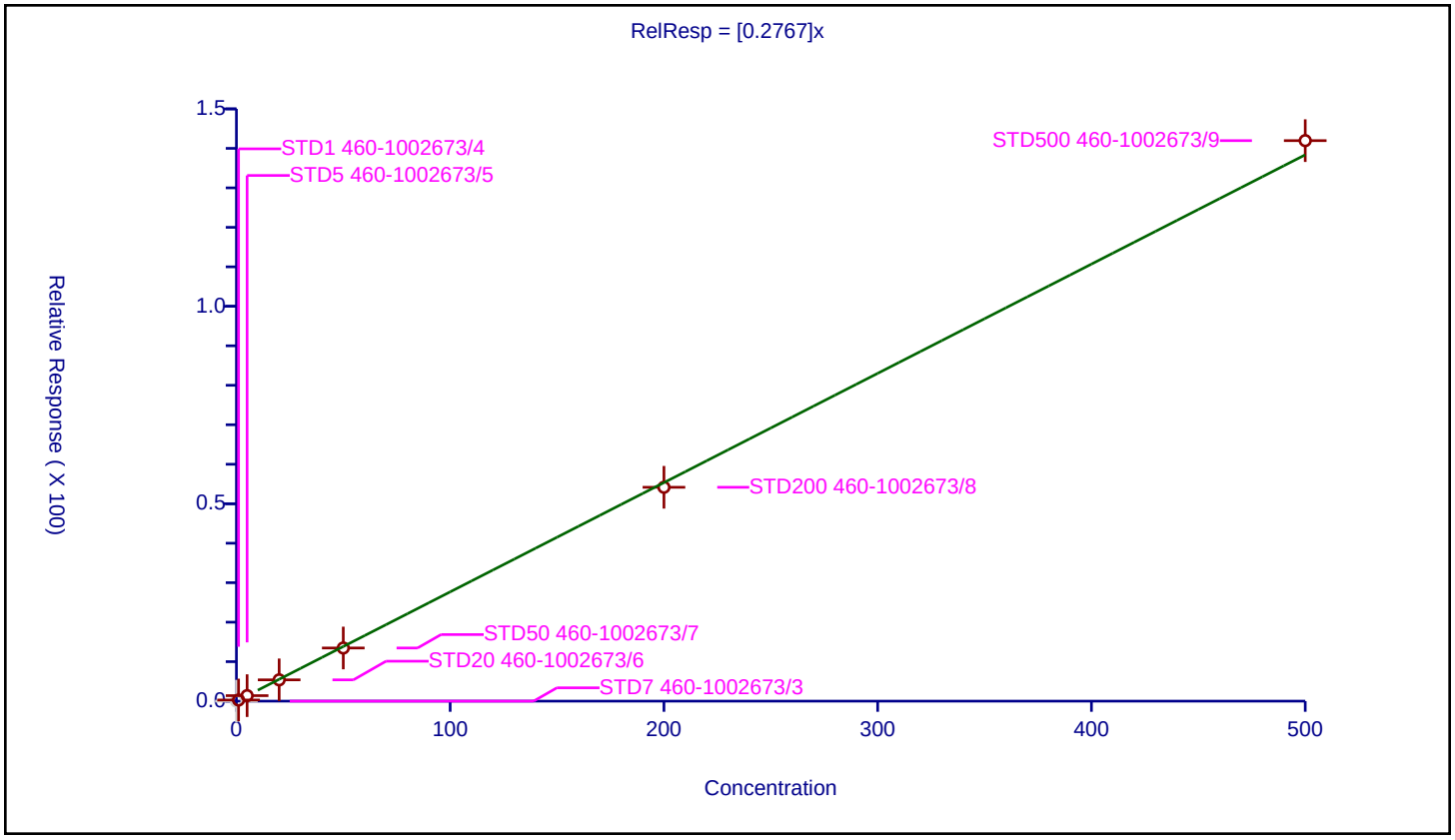
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2767 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.288749 | 50.0 | 445197.0 | 0.288749 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.389937 | 50.0 | 453366.0 | 0.277987 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.393808 | 50.0 | 458739.0 | 0.26969 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 13.459966 | 50.0 | 452490.0 | 0.269199 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 54.164291 | 50.0 | 457713.0 | 0.270821 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 141.957077 | 50.0 | 461101.0 | 0.283914 | Y |



## Calibration / Chlorobenzene

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

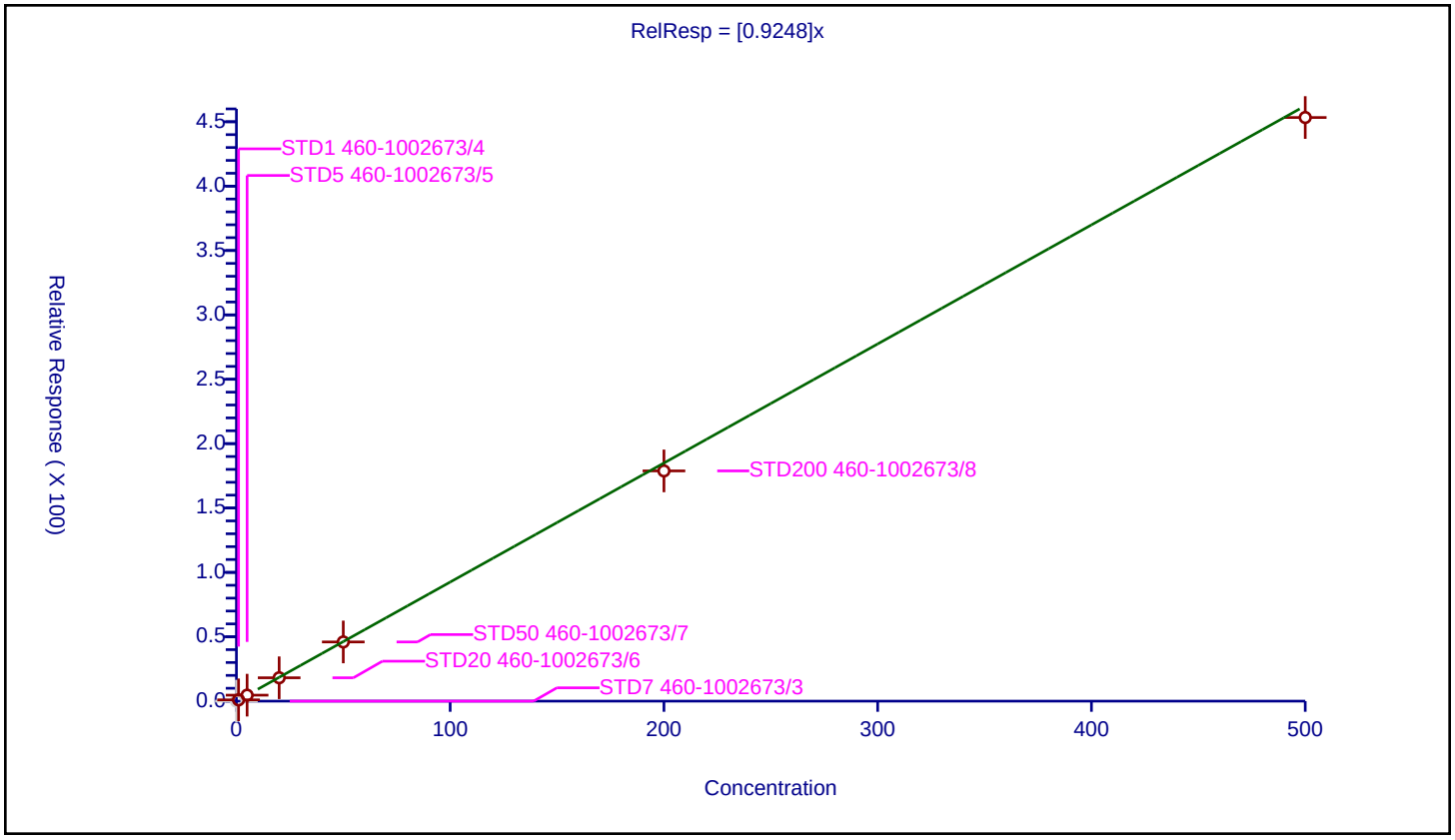
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9248 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.993605 | 50.0 | 445197.0 | 0.993605 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.635438 | 50.0 | 453366.0 | 0.927088 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 18.151716 | 50.0 | 458739.0 | 0.907586 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 45.982784 | 50.0 | 452490.0 | 0.919656 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 178.822647 | 50.0 | 457713.0 | 0.894113 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 453.295916 | 50.0 | 461101.0 | 0.906592 | Y |



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## Calibration / Ethylbenzene

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

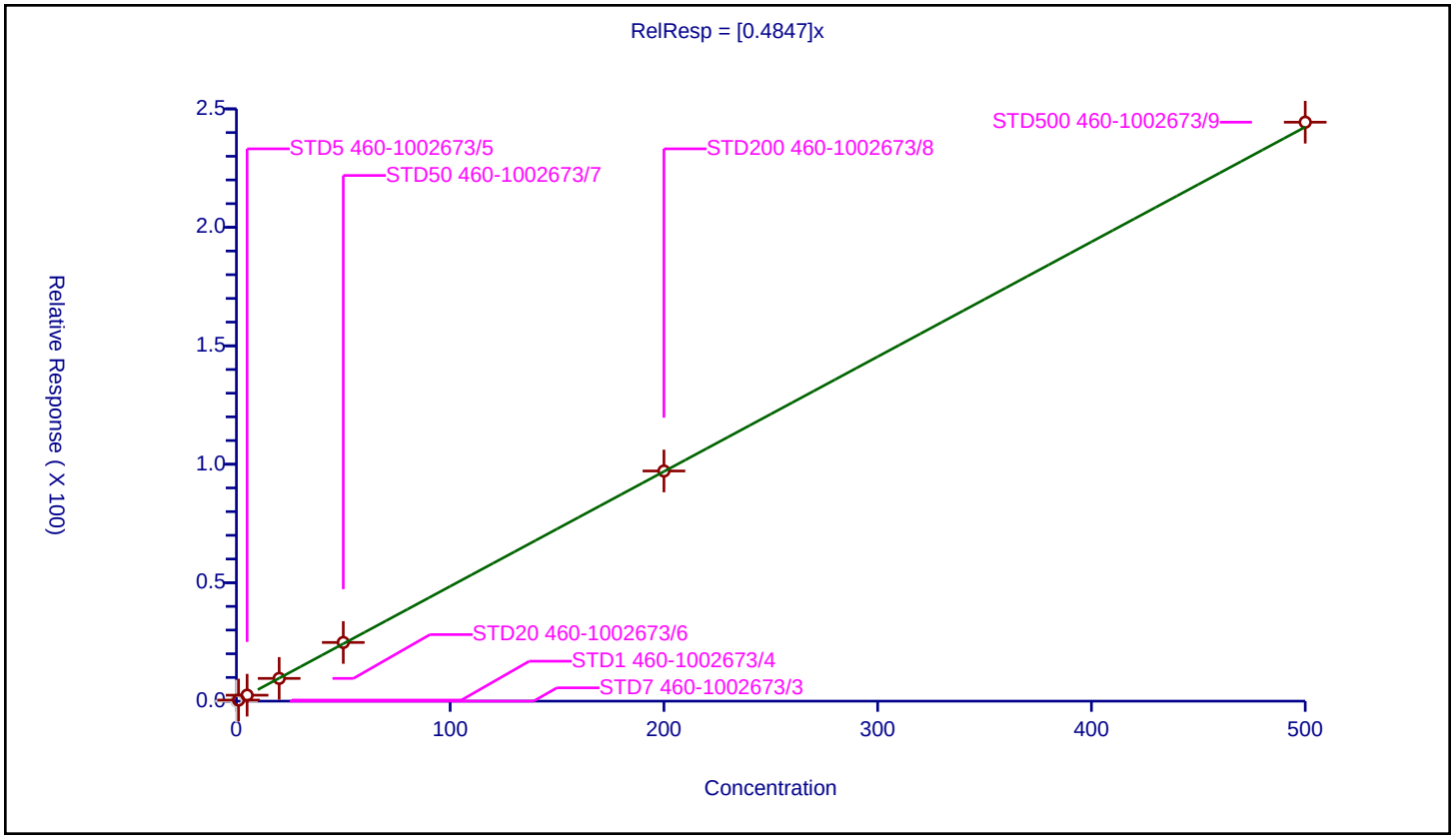
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4847 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.45609 | 50.0 | 445197.0 | 0.45609 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.512319 | 50.0 | 453366.0 | 0.502464 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 9.591838 | 50.0 | 458739.0 | 0.479592 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 24.771929 | 50.0 | 452490.0 | 0.495439 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 97.148759 | 50.0 | 457713.0 | 0.485744 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 244.378021 | 50.0 | 461101.0 | 0.488756 | Y |



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## Calibration / 1,1,1,2-Tetrachloroethane

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

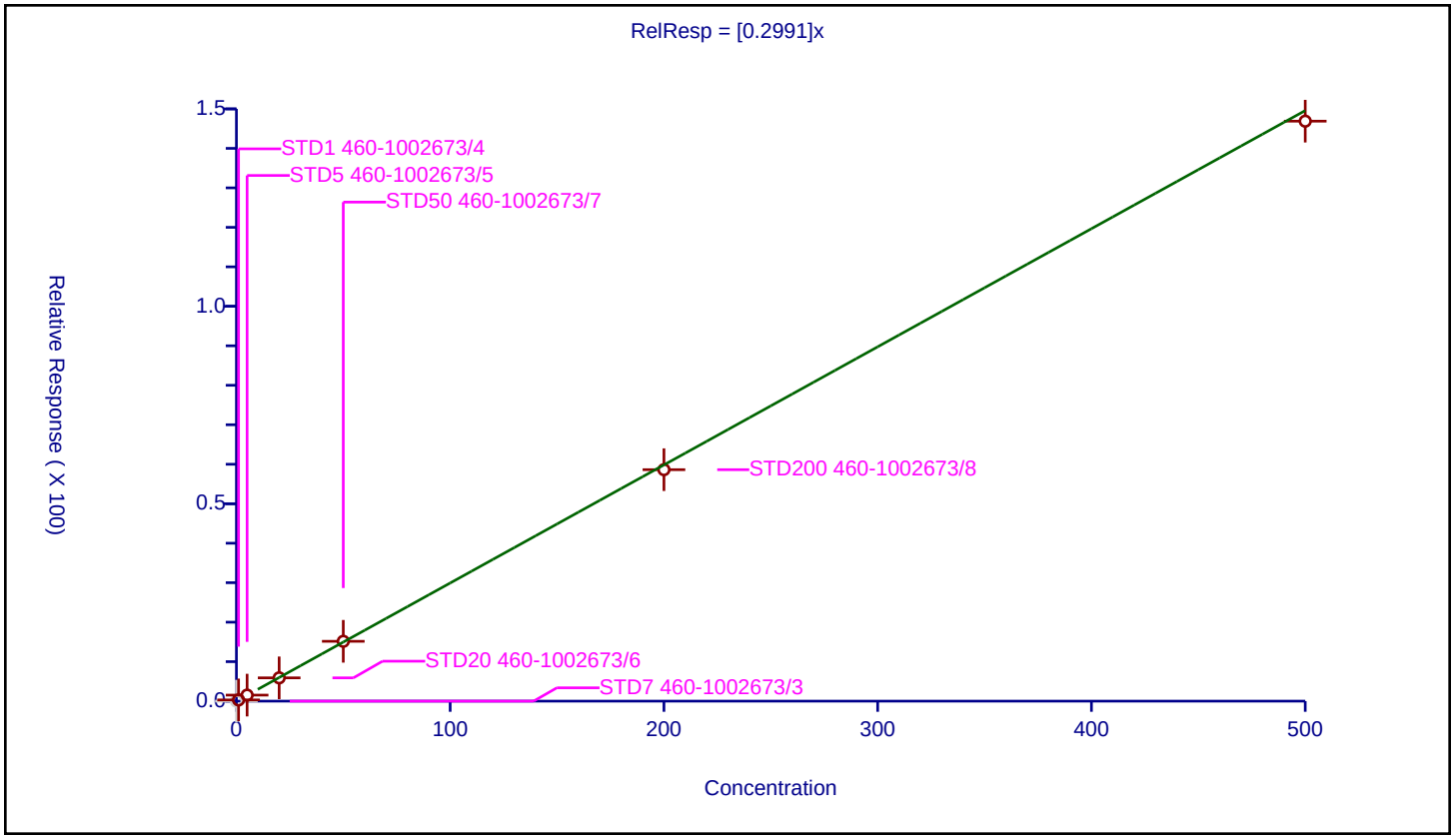
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2991 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.304921 | 50.0 | 445197.0 | 0.304921 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.525147 | 50.0 | 453366.0 | 0.305029 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 5.897362 | 50.0 | 458739.0 | 0.294868 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 15.156026 | 50.0 | 452490.0 | 0.303121 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 58.622324 | 50.0 | 457713.0 | 0.293112 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 146.889619 | 50.0 | 461101.0 | 0.293779 | Y |



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## Calibration / m-Xylene & p-Xylene

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

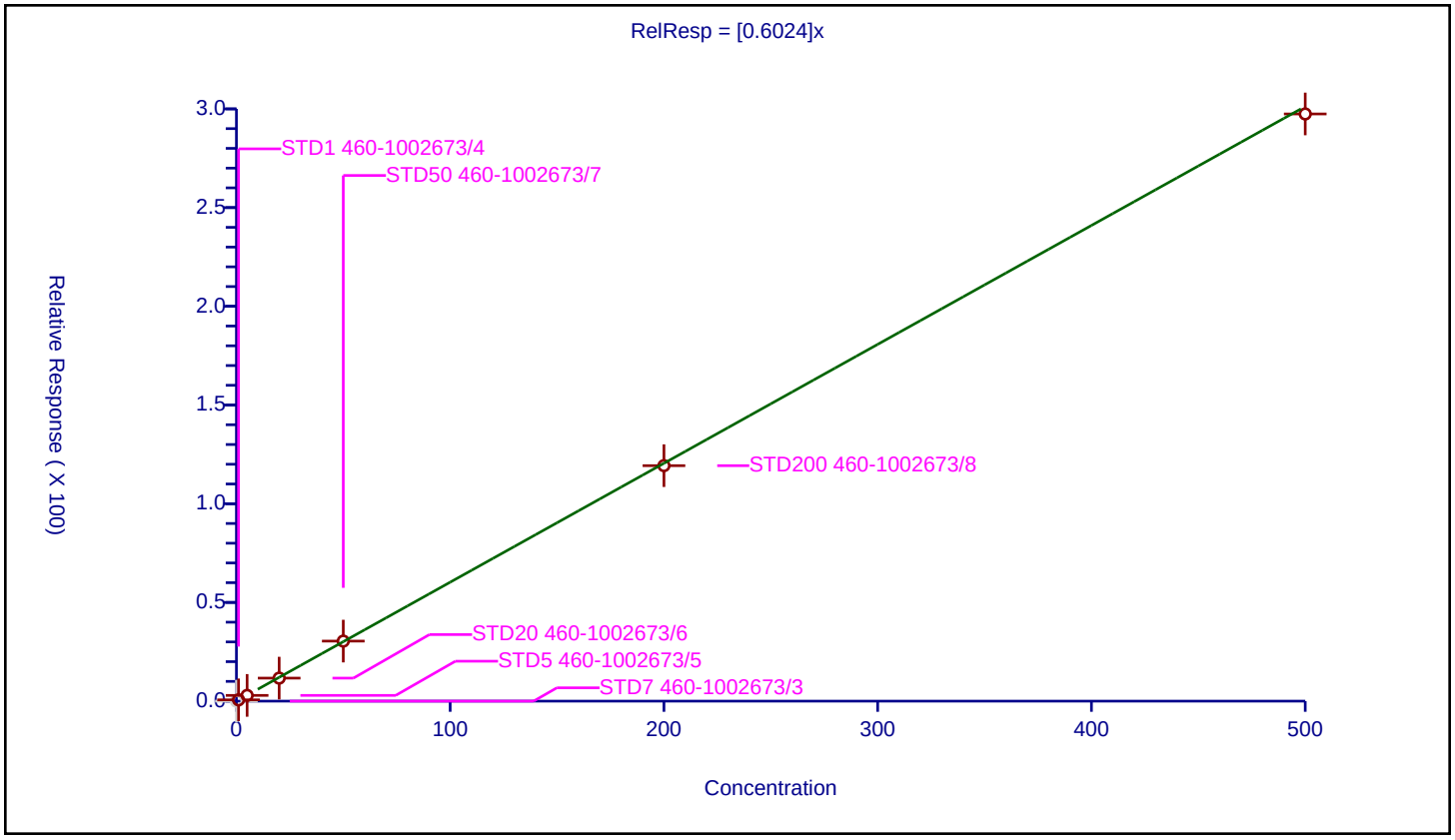
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6024 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.651622 | 50.0 | 445197.0 | 0.651622 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.901078 | 50.0 | 453366.0 | 0.580216 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 11.662405 | 50.0 | 458739.0 | 0.58312 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 30.412606 | 50.0 | 452490.0 | 0.608252 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 119.283809 | 50.0 | 457713.0 | 0.596419 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 297.433643 | 50.0 | 461101.0 | 0.594867 | Y |



## Calibration / n-Butyl acrylate

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

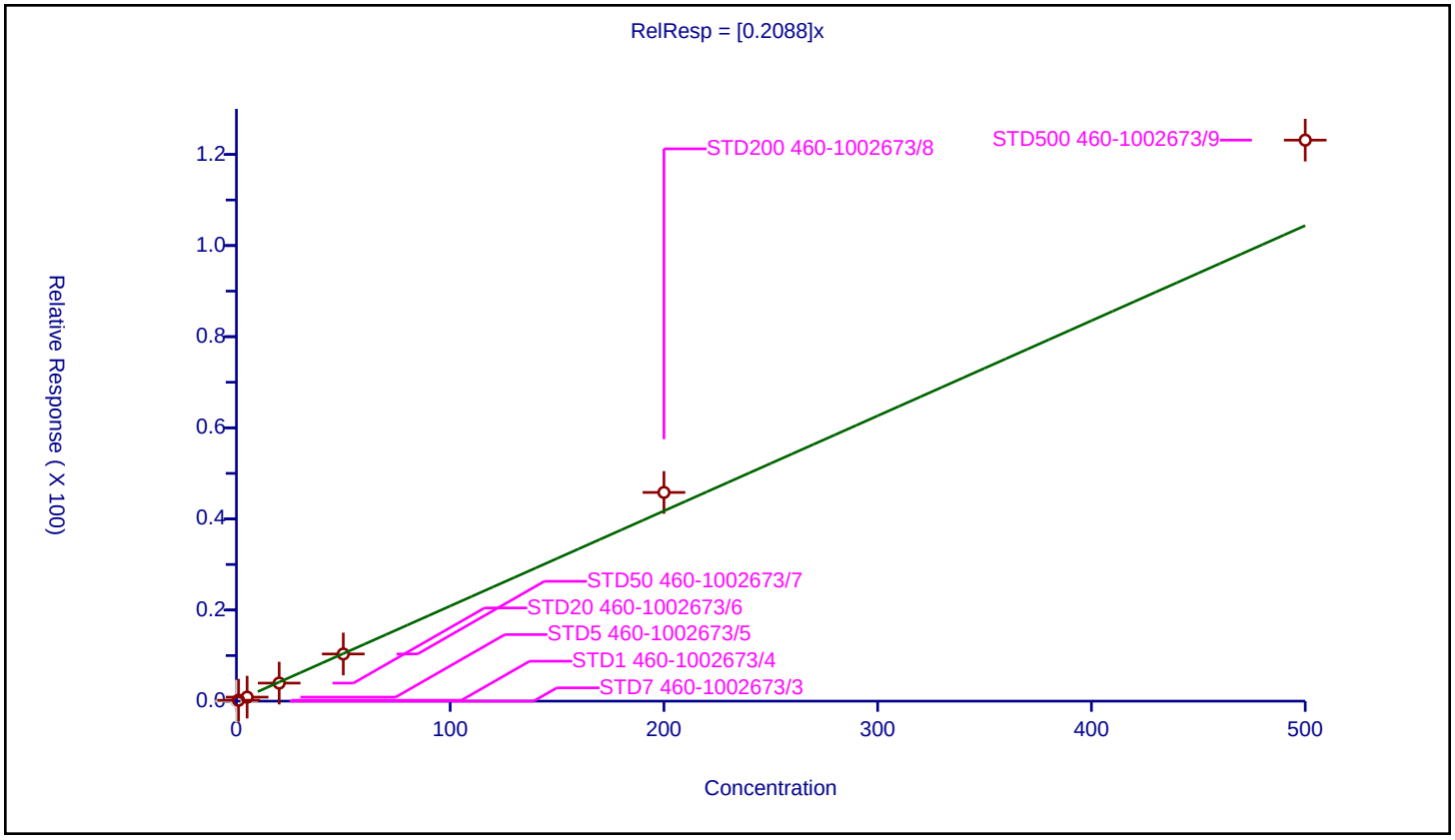
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2088 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.196205 | 50.0 | 445197.0 | 0.196205 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.879642 | 50.0 | 453366.0 | 0.175928 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.962602 | 50.0 | 458739.0 | 0.19813 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 10.349621 | 50.0 | 452490.0 | 0.206992 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 45.816046 | 50.0 | 457713.0 | 0.22908 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 123.143736 | 50.0 | 461101.0 | 0.246287 | Y |



## Calibration / o-Xylene

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

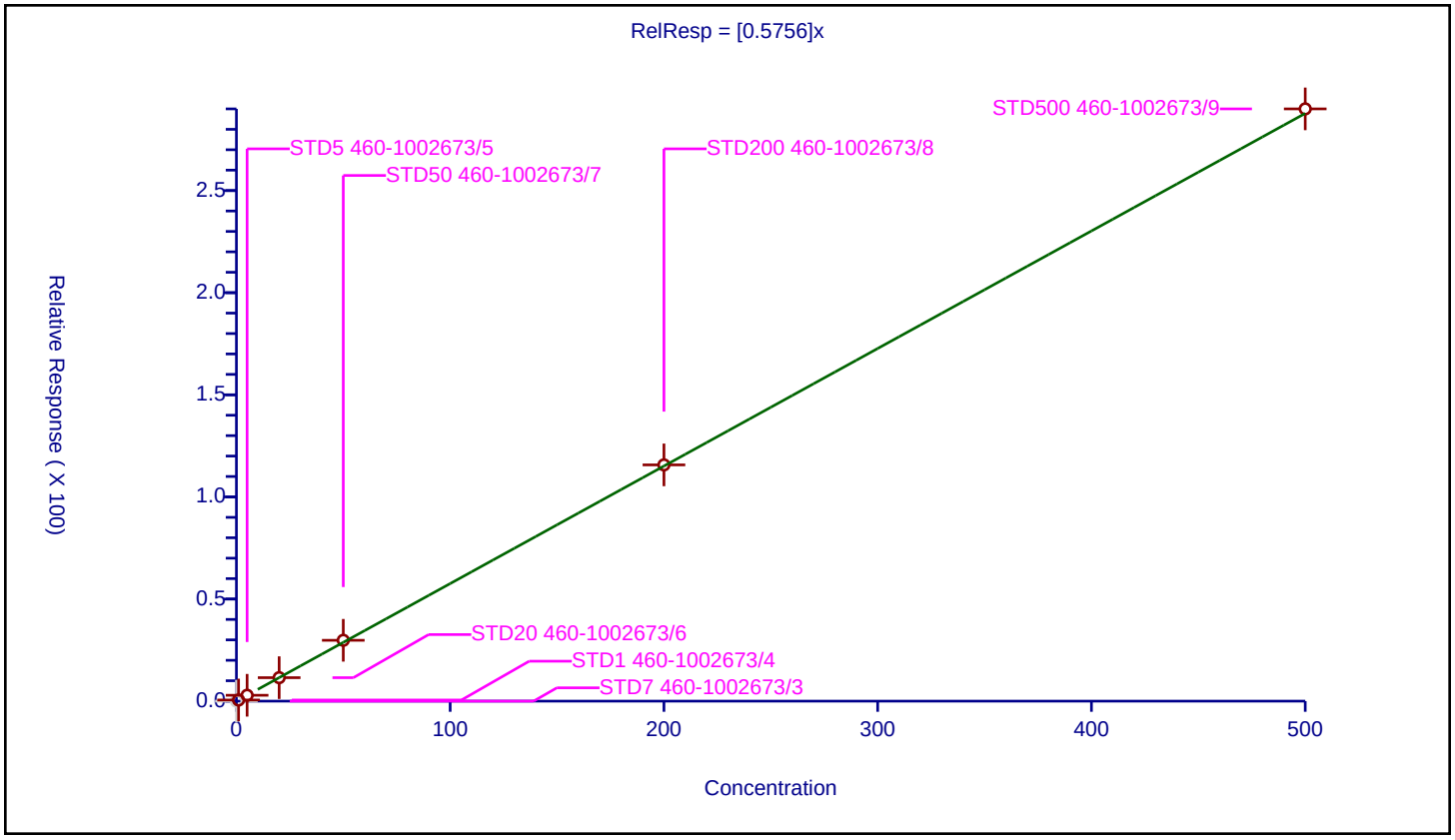
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5756 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.548634 | 50.0 | 445197.0 | 0.548634 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.878248 | 50.0 | 453366.0 | 0.57565 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 11.496297 | 50.0 | 458739.0 | 0.574815 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 29.797233 | 50.0 | 452490.0 | 0.595945 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 115.686249 | 50.0 | 457713.0 | 0.578431 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 289.997853 | 50.0 | 461101.0 | 0.579996 | Y |



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## Calibration / Styrene

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

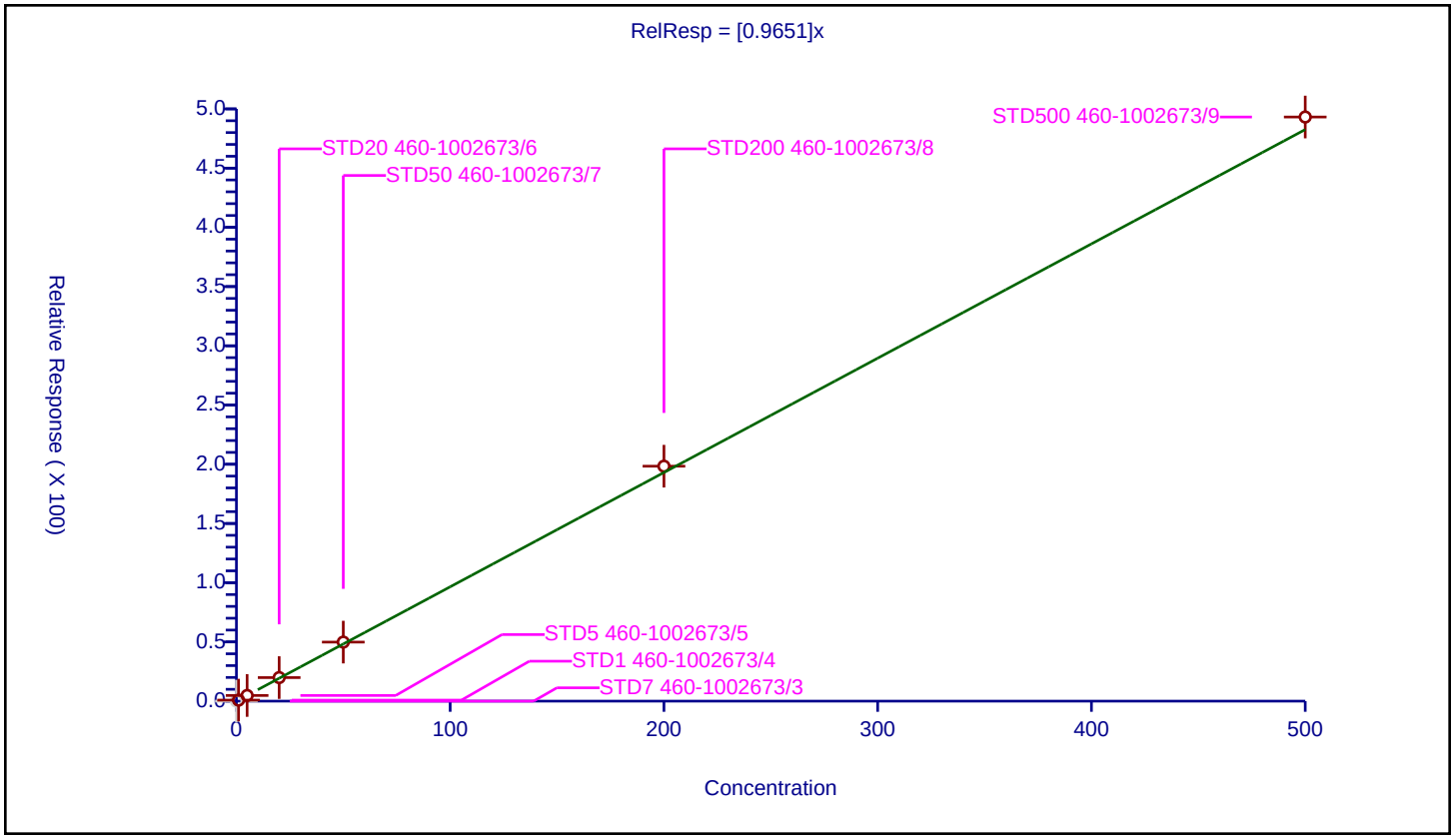
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9651 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.867481 | 50.0 | 445197.0 | 0.867481 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.769987 | 50.0 | 453366.0 | 0.953997 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 19.883311 | 50.0 | 458739.0 | 0.994166 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 49.841433 | 50.0 | 452490.0 | 0.996829 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 198.35694 | 50.0 | 457713.0 | 0.991785 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 493.136536 | 50.0 | 461101.0 | 0.986273 | Y |



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## Calibration / Amyl acetate (mixed isomers)

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

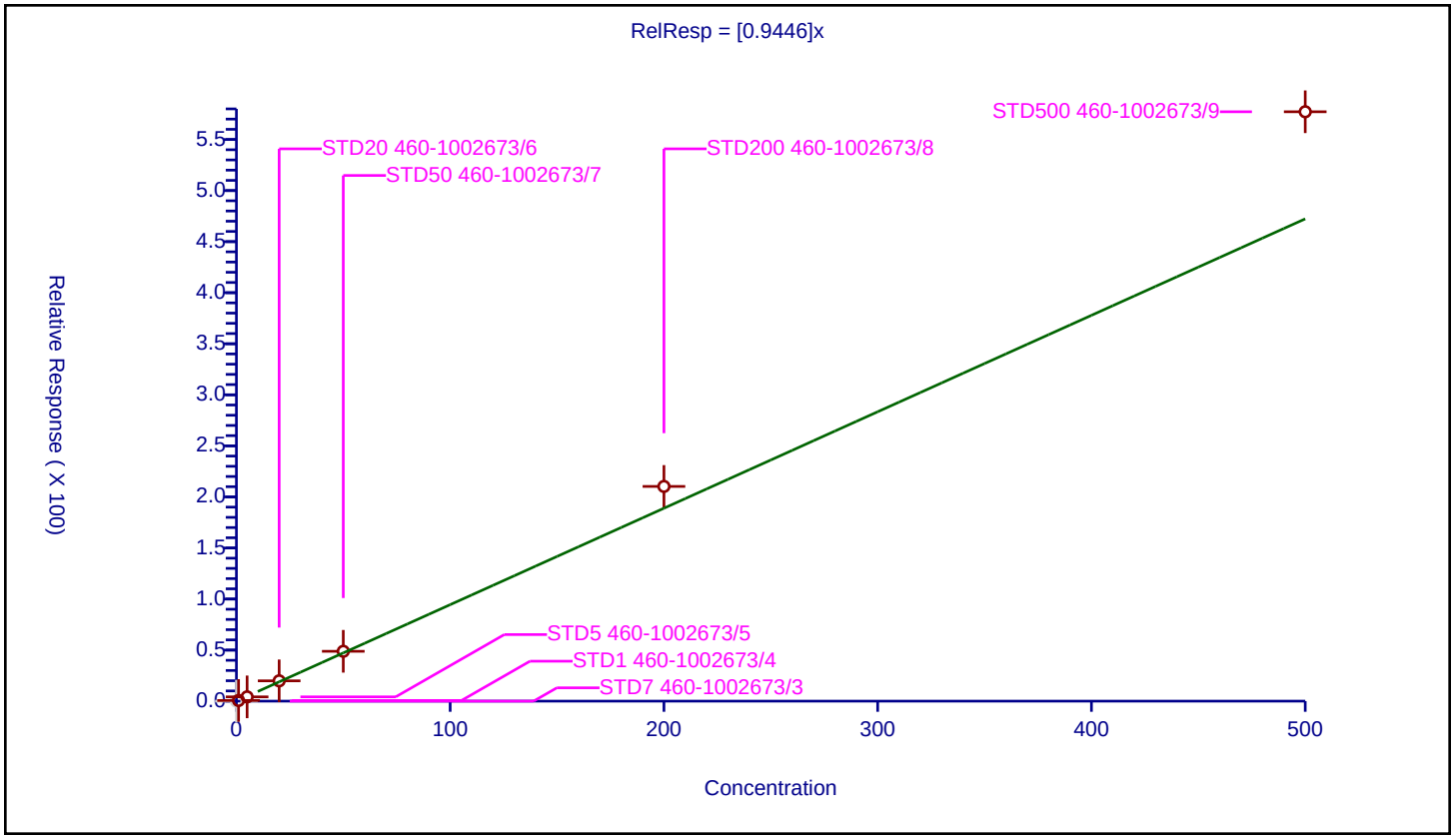
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9446 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.651607 | 50.0 | 222220.0 | 0.651607 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.19767 | 50.0 | 227936.0 | 0.839534 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 19.892504 | 50.0 | 226706.0 | 0.994625 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 48.806576 | 50.0 | 222092.0 | 0.976132 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 210.269795 | 50.0 | 220983.0 | 1.051349 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 577.174557 | 50.0 | 219562.0 | 1.154349 | Y |



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## Calibration / Bromoform

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

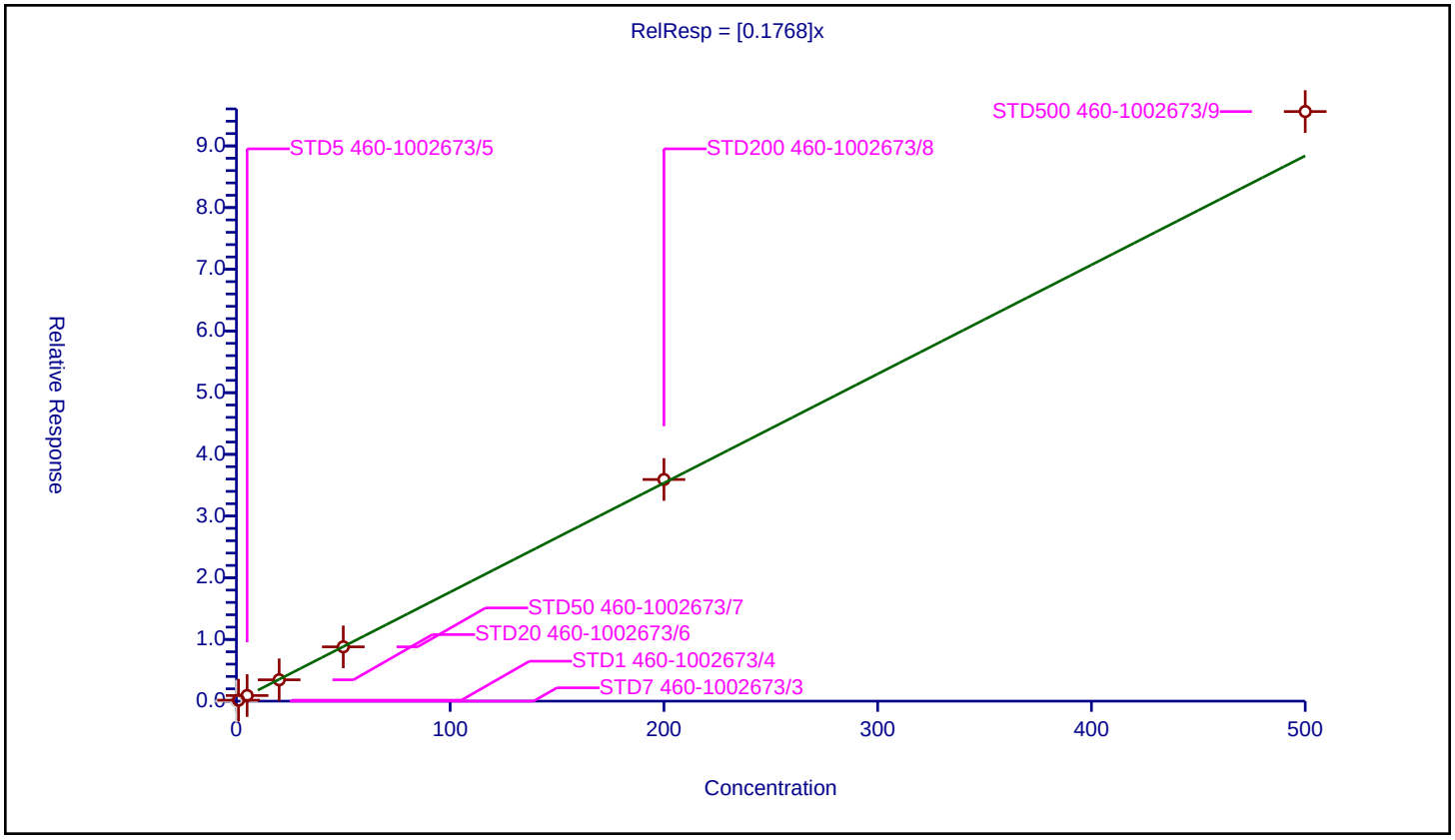
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1768 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.159031 | 50.0 | 445197.0 | 0.159031 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.910192 | 50.0 | 453366.0 | 0.182038 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.458285 | 50.0 | 458739.0 | 0.172914 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 8.799531 | 50.0 | 452490.0 | 0.175991 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 35.926552 | 50.0 | 457713.0 | 0.179633 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 95.566698 | 50.0 | 461101.0 | 0.191133 | Y |



## Calibration / Isopropylbenzene

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

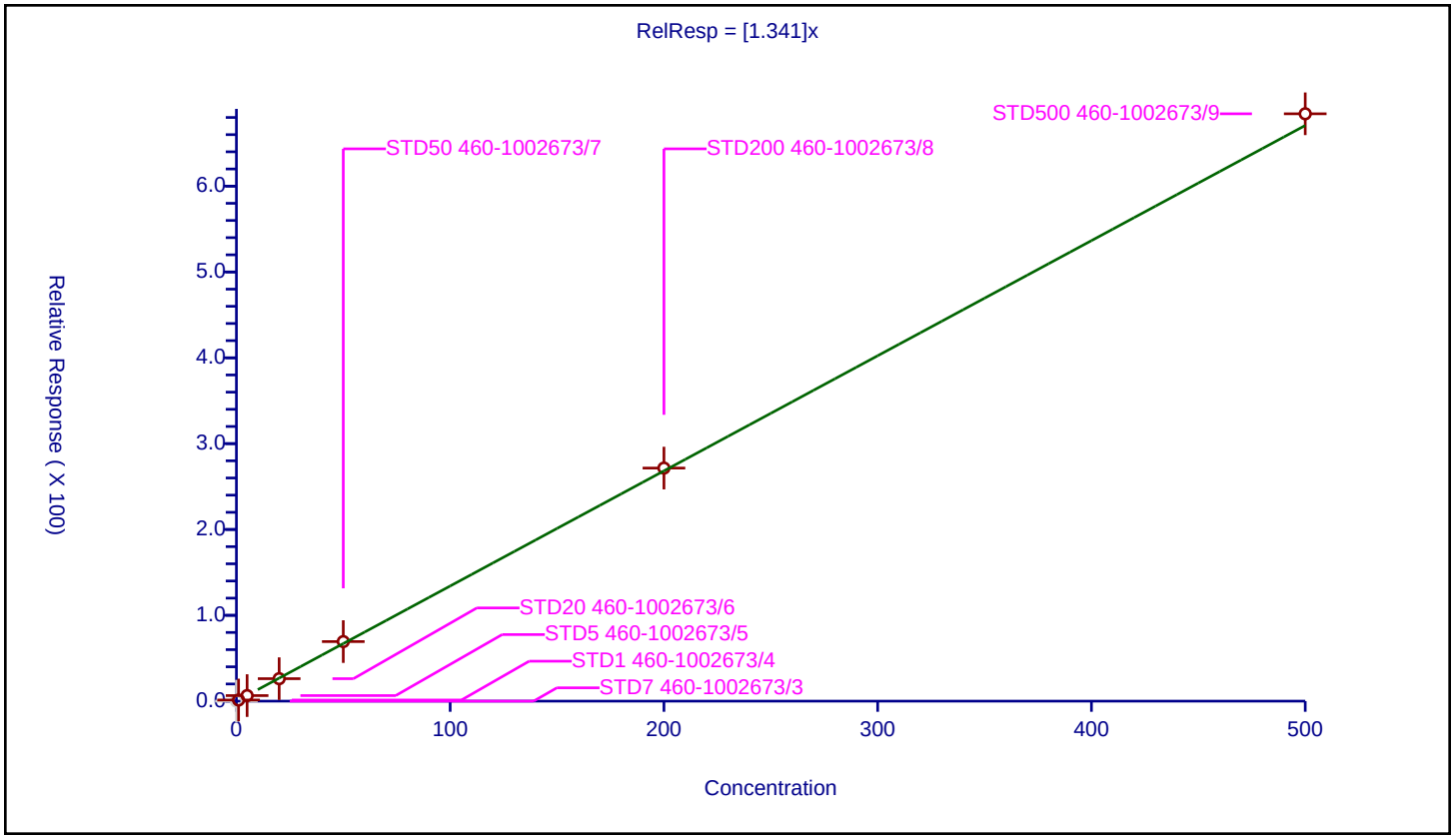
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 444956.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.333679 | 50.0 | 445197.0 | 1.333679 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 6.460012 | 50.0 | 453366.0 | 1.292002 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 26.16357 | 50.0 | 458739.0 | 1.308179 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 69.392804 | 50.0 | 452490.0 | 1.387856 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 271.532707 | 50.0 | 457713.0 | 1.357664 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 684.301487 | 50.0 | 461101.0 | 1.368603 | Y |



## Calibration / 4-Bromofluorobenzene

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

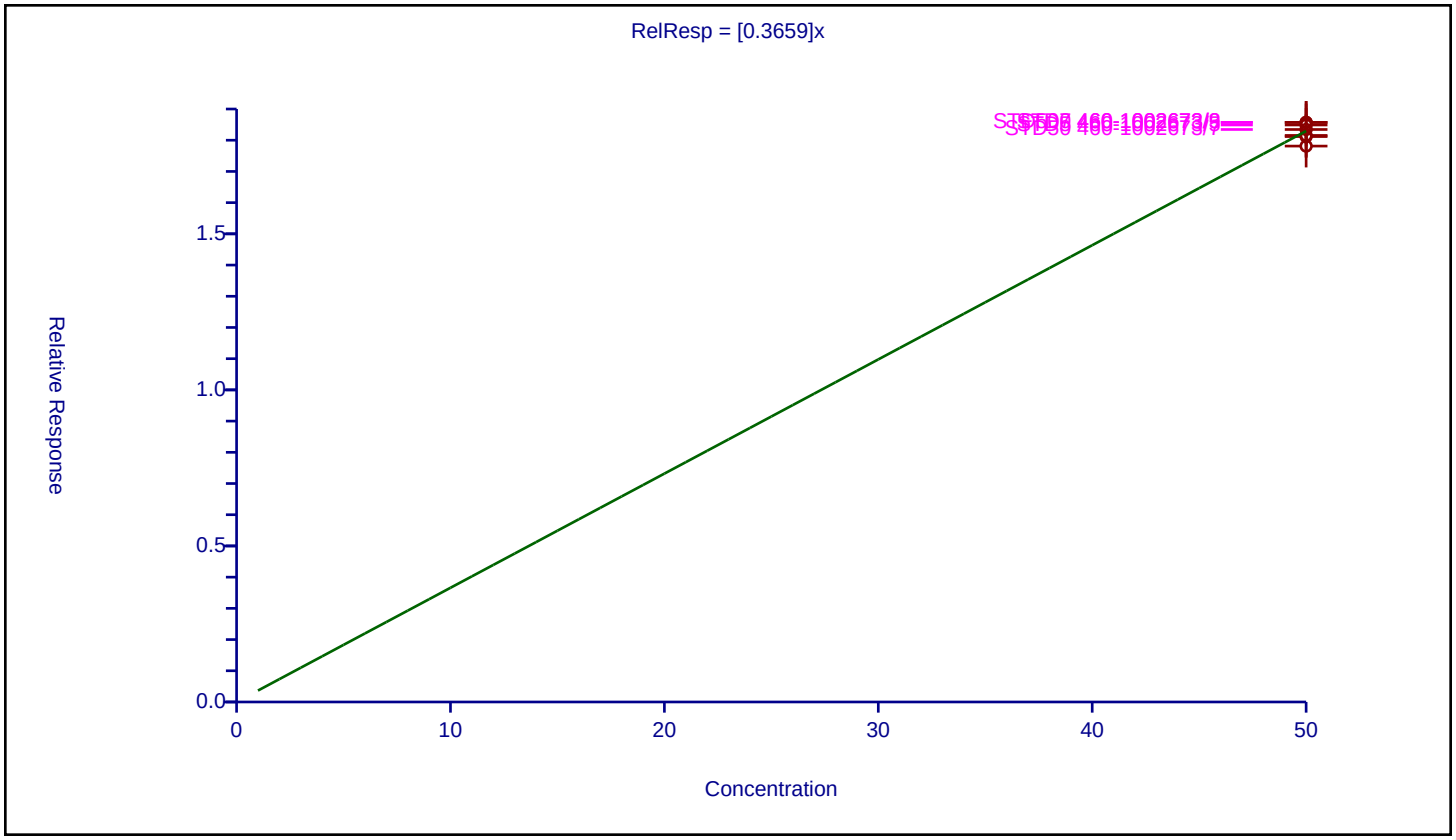
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3659 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 50.0 | 18.569926 | 50.0 | 444956.0 | 0.371399 | Y |
| 2 | STD1 460-1002673/4 | 50.0 | 18.153312 | 50.0 | 445197.0 | 0.363066 | Y |
| 3 | STD5 460-1002673/5 | 50.0 | 18.488153 | 50.0 | 453366.0 | 0.369763 | Y |
| 4 | STD20 460-1002673/6 | 50.0 | 18.117383 | 50.0 | 458739.0 | 0.362348 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 18.343941 | 50.0 | 452490.0 | 0.366879 | Y |
| 6 | STD200 460-1002673/8 | 50.0 | 17.812254 | 50.0 | 457713.0 | 0.356245 | Y |
| 7 | STD500 460-1002673/9 | 50.0 | 18.57207 | 50.0 | 461101.0 | 0.371441 | Y |



## Calibration / Bromobenzene

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

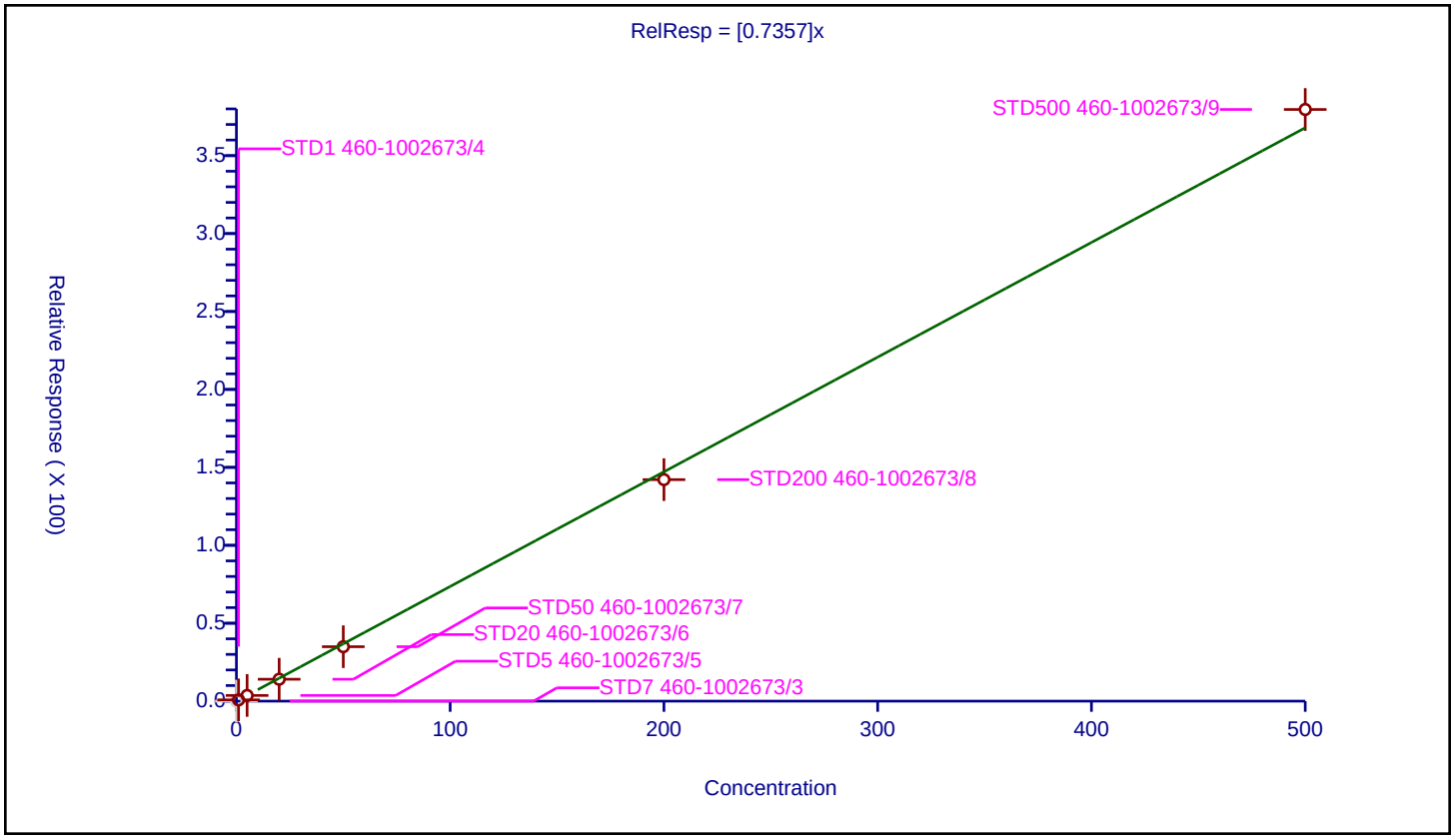
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7357 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.812258 | 50.0 | 222220.0 | 0.812258 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.653657 | 50.0 | 227936.0 | 0.730731 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 14.060942 | 50.0 | 226706.0 | 0.703047 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 34.926517 | 50.0 | 222092.0 | 0.69853 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 142.126091 | 50.0 | 220983.0 | 0.71063 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 379.617147 | 50.0 | 219562.0 | 0.759234 | Y |



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## Calibration / 1,1,2,2-Tetrachloroethane

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

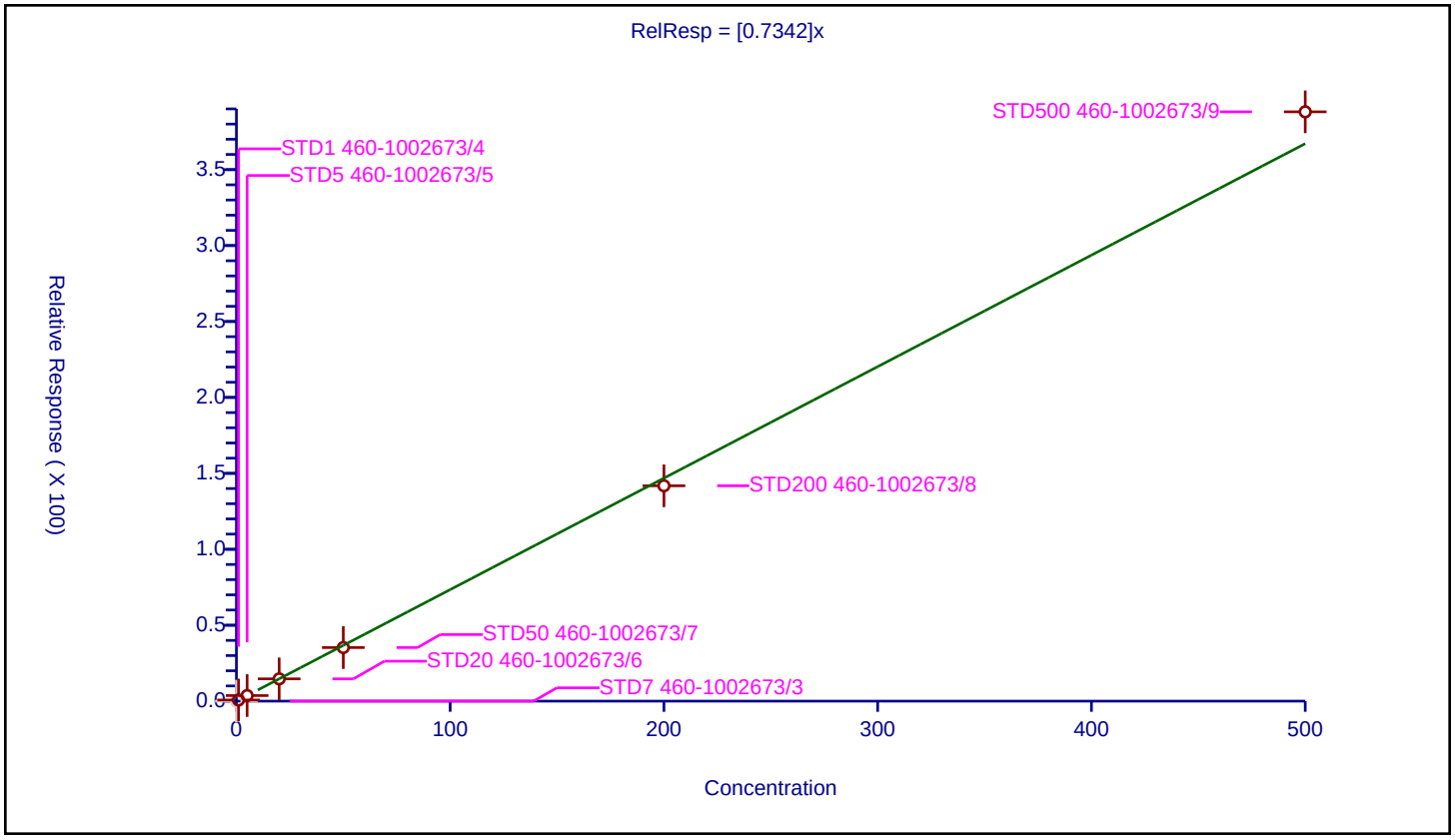
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7342 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.746557 | 50.0 | 222220.0 | 0.746557 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.671864 | 50.0 | 227936.0 | 0.734373 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 14.670984 | 50.0 | 226706.0 | 0.733549 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 35.283126 | 50.0 | 222092.0 | 0.705663 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 141.803894 | 50.0 | 220983.0 | 0.709019 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 388.075578 | 50.0 | 219562.0 | 0.776151 | Y |



## Calibration / N-Propylbenzene

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

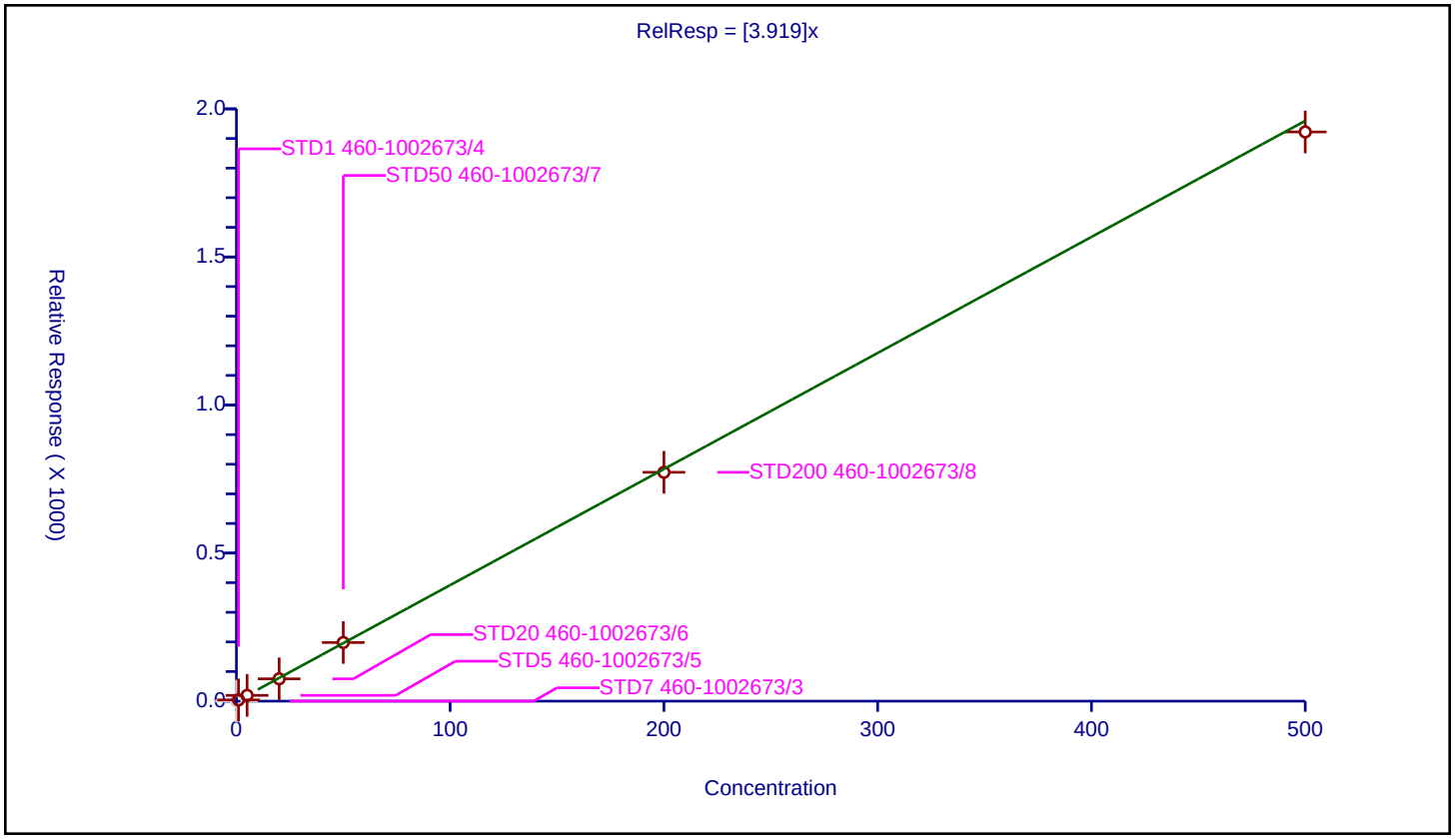
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.919 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 4.185267 | 50.0 | 222220.0 | 4.185267 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 19.443616 | 50.0 | 227936.0 | 3.888723 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 75.40493 | 50.0 | 226706.0 | 3.770246 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 198.036174 | 50.0 | 222092.0 | 3.960723 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 772.84135 | 50.0 | 220983.0 | 3.864207 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1922.148869 | 50.0 | 219562.0 | 3.844298 | Y |



## Calibration / 1,2,3-Trichloropropane

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

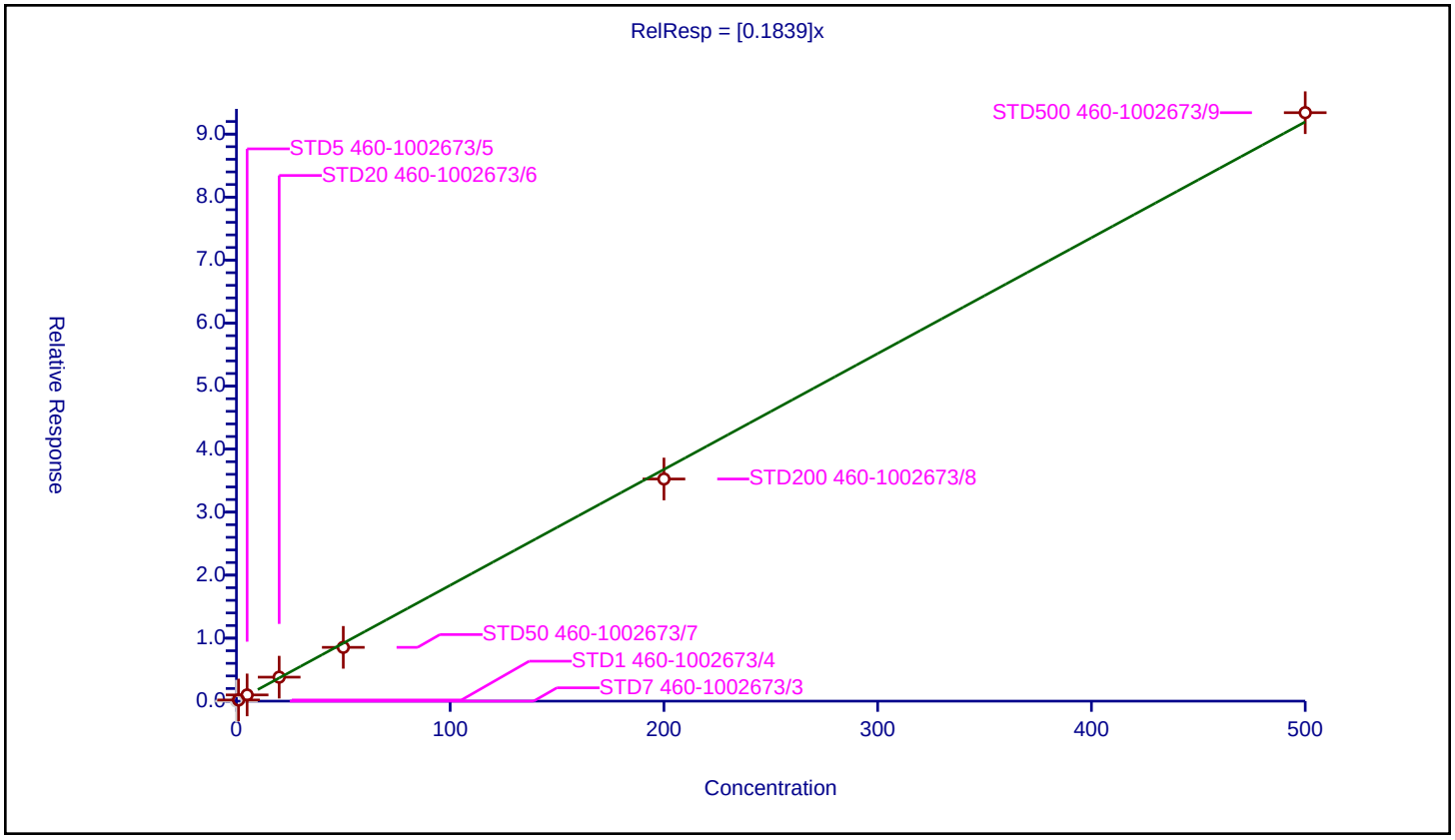
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1839 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.182027 | 50.0 | 222220.0 | 0.182027 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.984926 | 50.0 | 227936.0 | 0.196985 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 3.807795 | 50.0 | 226706.0 | 0.19039 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 8.539029 | 50.0 | 222092.0 | 0.170781 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 35.258368 | 50.0 | 220983.0 | 0.176292 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 93.400725 | 50.0 | 219562.0 | 0.186801 | Y |



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## Calibration / trans-1,4-Dichloro-2-butene

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

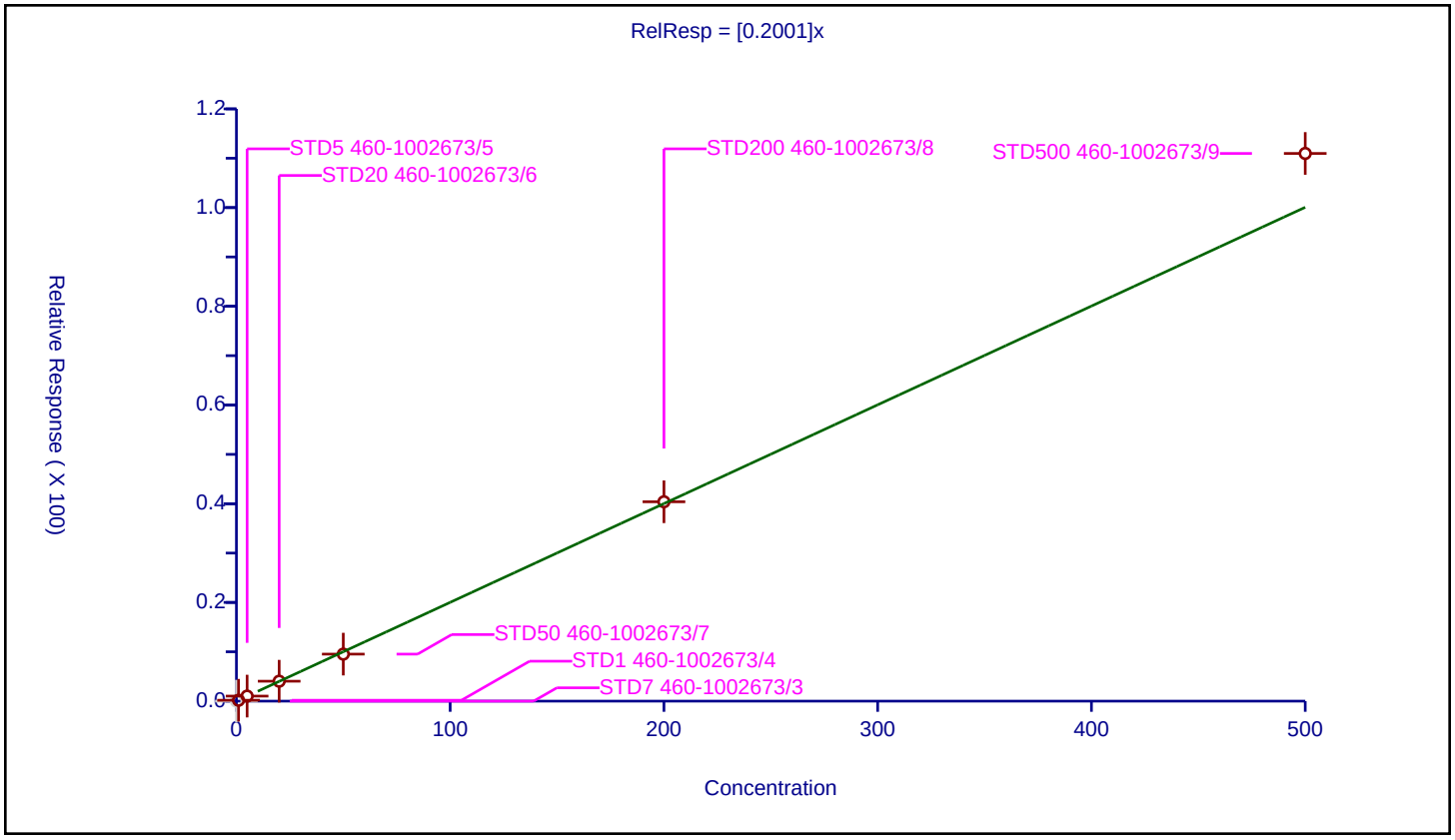
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.179327 | 50.0 | 222220.0 | 0.179327 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.02441 | 50.0 | 227936.0 | 0.204882 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 4.041137 | 50.0 | 226706.0 | 0.202057 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 9.527583 | 50.0 | 222092.0 | 0.190552 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 40.39813 | 50.0 | 220983.0 | 0.201991 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 110.970022 | 50.0 | 219562.0 | 0.22194 | Y |



## Calibration / 2-Chlorotoluene

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

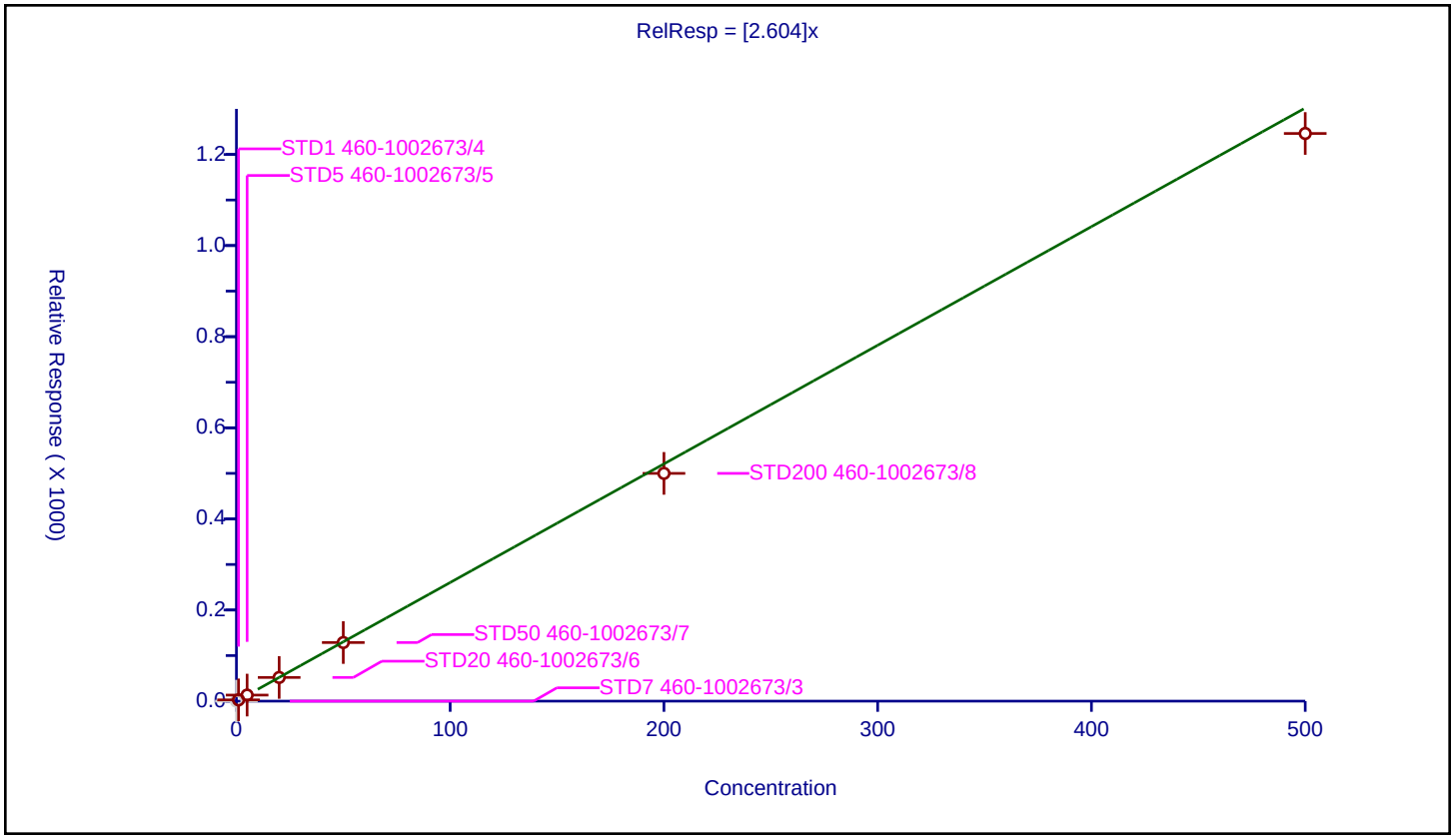
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.604 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.803753 | 50.0 | 222220.0 | 2.803753 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 13.274779 | 50.0 | 227936.0 | 2.654956 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 51.995757 | 50.0 | 226706.0 | 2.599788 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 128.625525 | 50.0 | 222092.0 | 2.57251 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 499.965834 | 50.0 | 220983.0 | 2.499829 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1246.013882 | 50.0 | 219562.0 | 2.492028 | Y |



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## Calibration / 4-Ethyltoluene

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

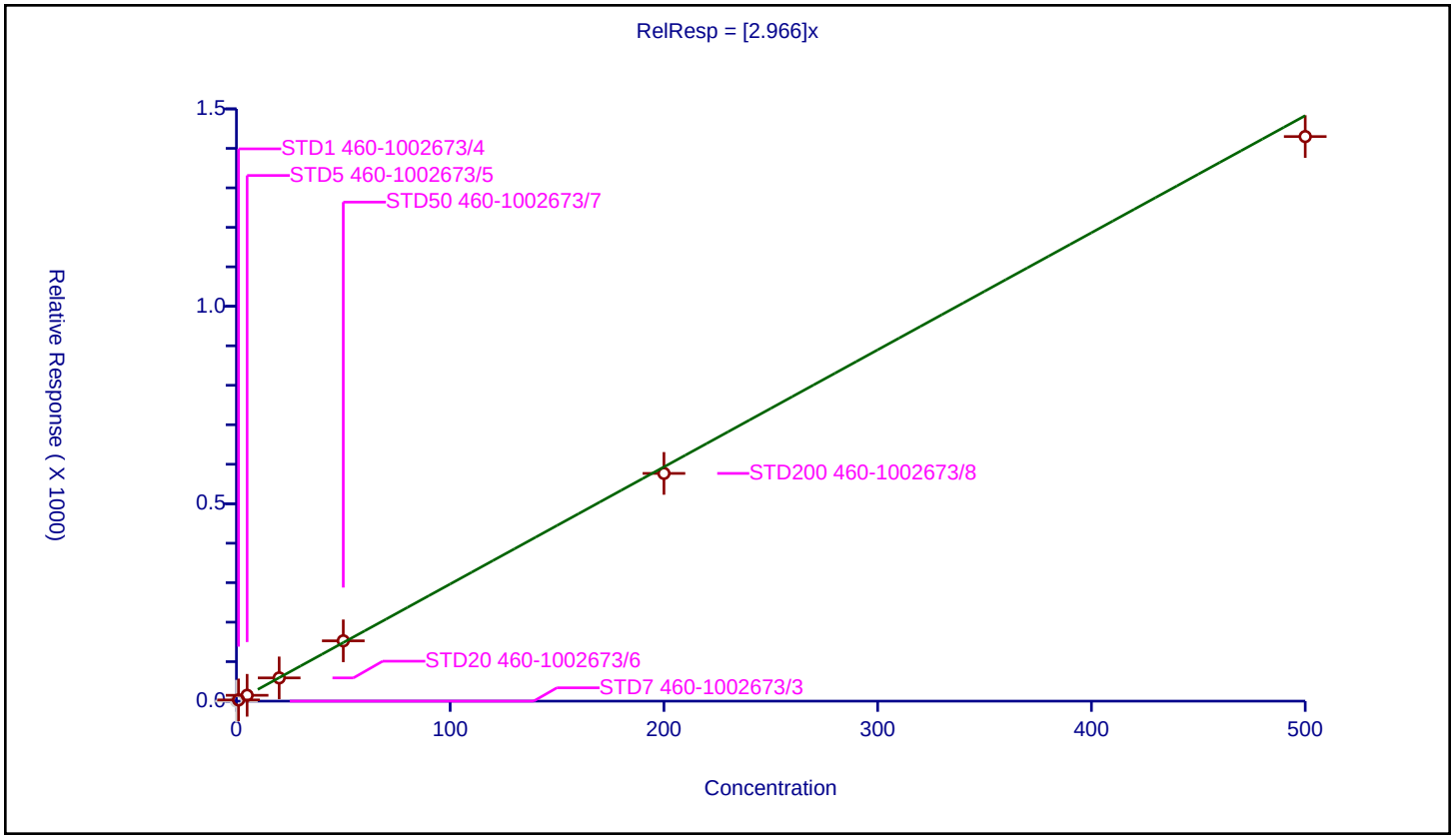
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.966 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 3.087256 | 50.0 | 222220.0 | 3.087256 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 14.838595 | 50.0 | 227936.0 | 2.967719 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 58.823763 | 50.0 | 226706.0 | 2.941188 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 152.774526 | 50.0 | 222092.0 | 3.055491 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 576.793464 | 50.0 | 220983.0 | 2.883967 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1429.88222 | 50.0 | 219562.0 | 2.859764 | Y |



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## Calibration / 1,3,5-Trimethylbenzene

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

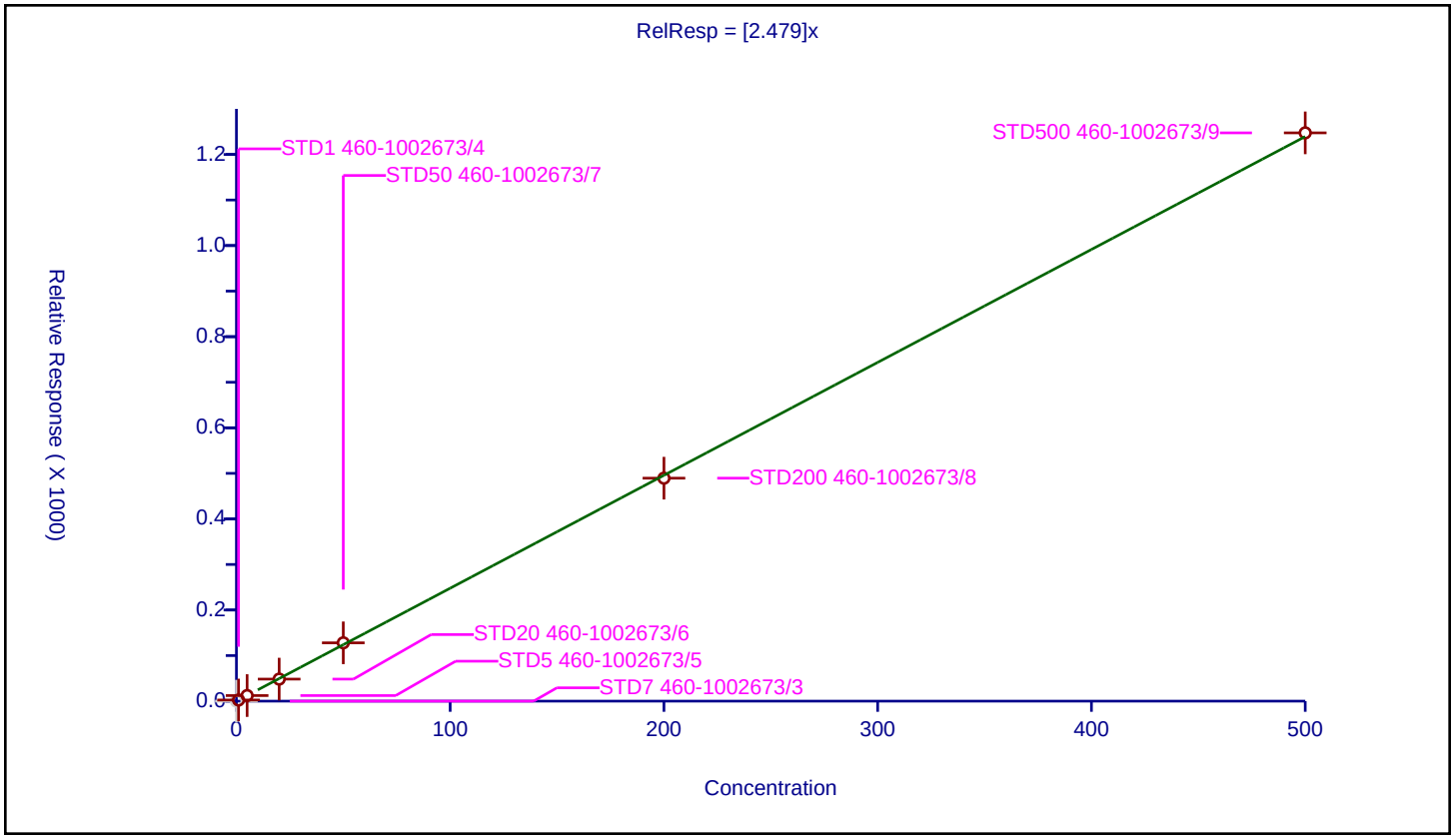
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.479 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.49865 | 50.0 | 222220.0 | 2.49865 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 12.26002 | 50.0 | 227936.0 | 2.452004 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 48.365063 | 50.0 | 226706.0 | 2.418253 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 128.024422 | 50.0 | 222092.0 | 2.560488 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 489.403936 | 50.0 | 220983.0 | 2.44702 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1247.381833 | 50.0 | 219562.0 | 2.494764 | Y |



## Calibration / 4-Chlorotoluene

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

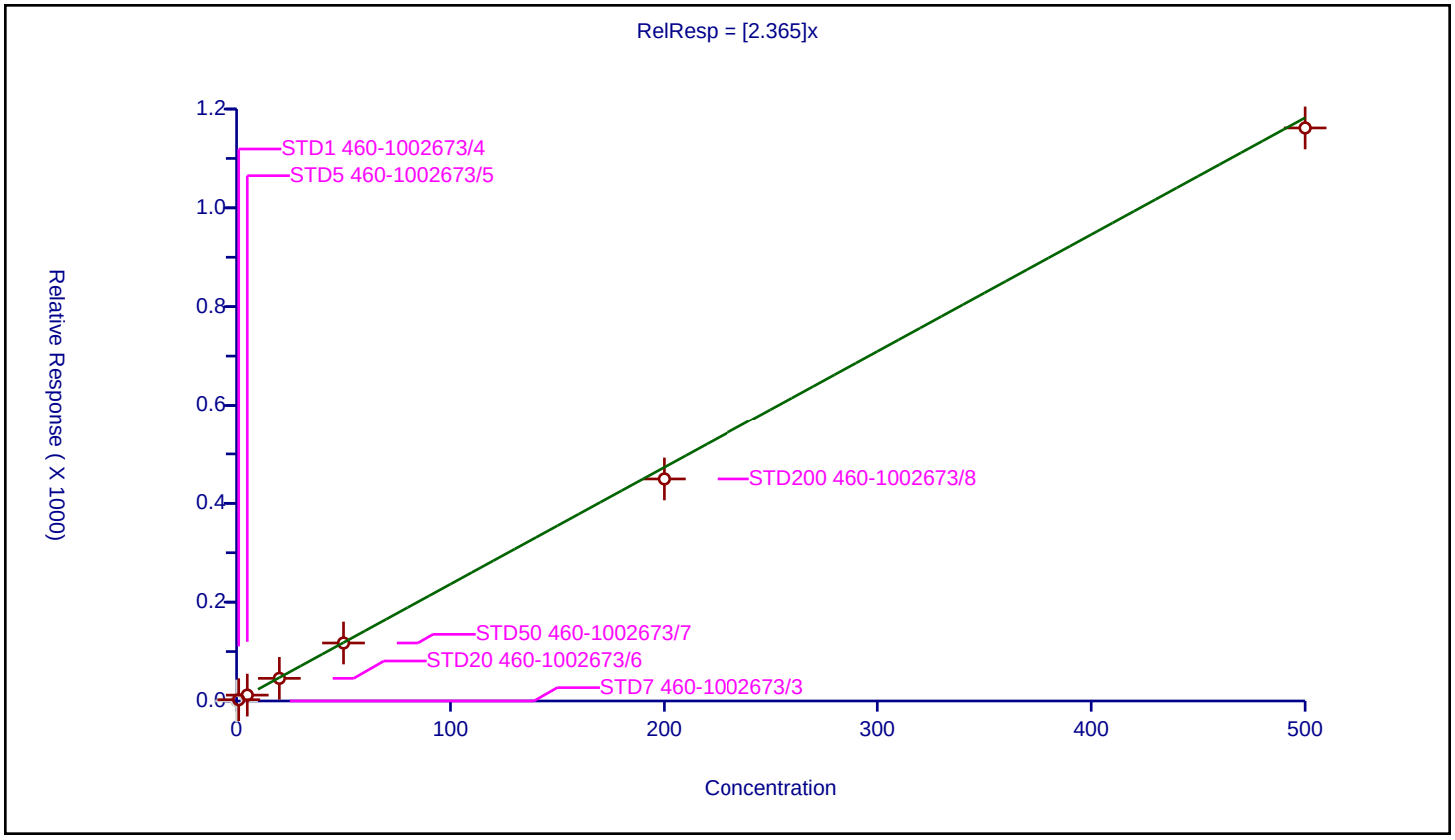
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.599901 | 50.0 | 222220.0 | 2.599901 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 11.906851 | 50.0 | 227936.0 | 2.38137 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 45.804919 | 50.0 | 226706.0 | 2.290246 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 117.32165 | 50.0 | 222092.0 | 2.346433 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 449.354023 | 50.0 | 220983.0 | 2.24677 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1161.671646 | 50.0 | 219562.0 | 2.323343 | Y |



## Calibration / Butyl Methacrylate

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

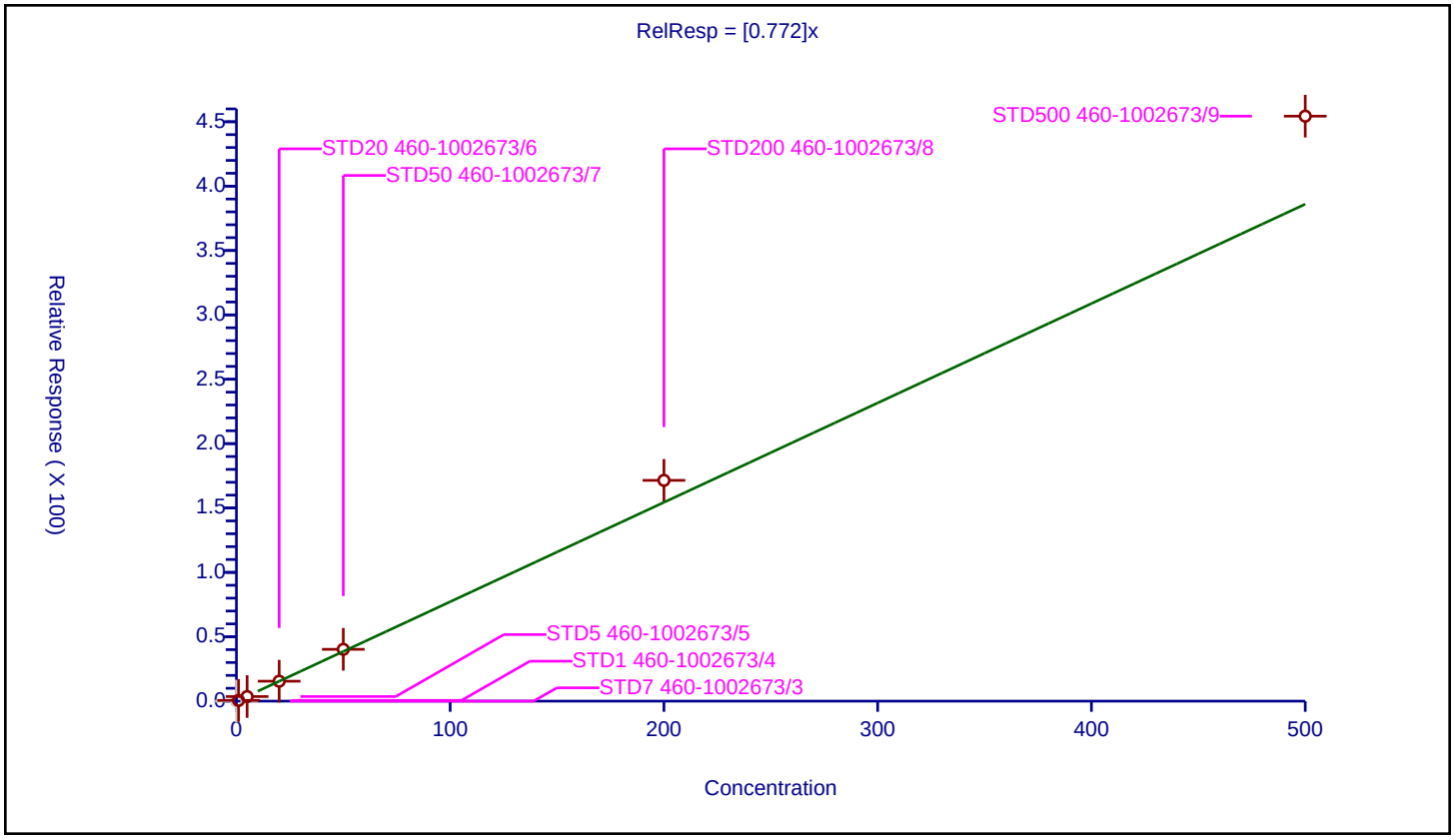
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.772 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.574206 | 50.0 | 222220.0 | 0.574206 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.566791 | 50.0 | 227936.0 | 0.713358 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 15.474006 | 50.0 | 226706.0 | 0.7737 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 40.240531 | 50.0 | 222092.0 | 0.804811 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 171.47586 | 50.0 | 220983.0 | 0.857379 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 454.356628 | 50.0 | 219562.0 | 0.908713 | Y |



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## Calibration / tert-Butylbenzene

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

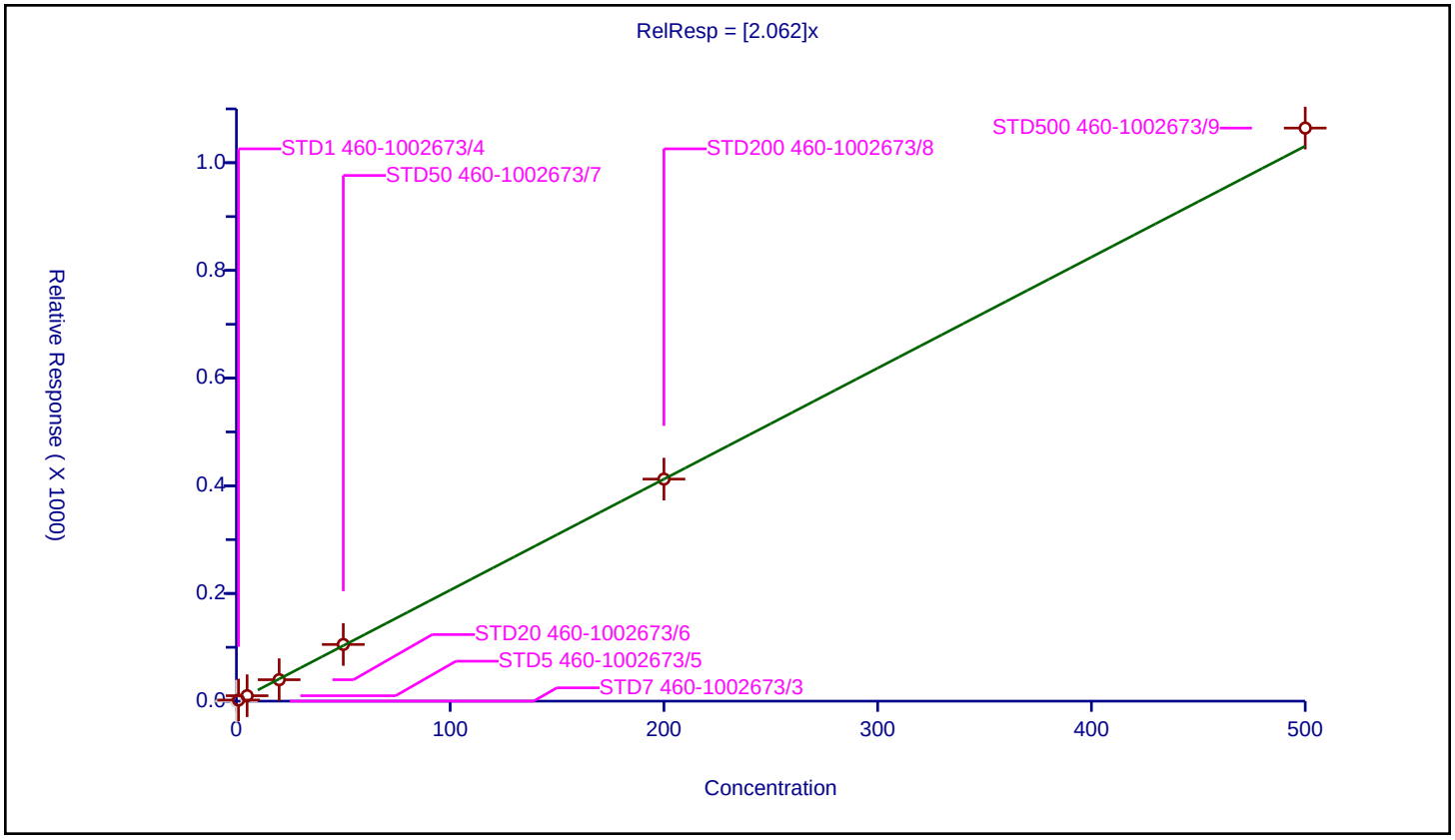
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.062 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.069796 | 50.0 | 222220.0 | 2.069796 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 10.080461 | 50.0 | 227936.0 | 2.016092 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 39.772437 | 50.0 | 226706.0 | 1.988622 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 105.282721 | 50.0 | 222092.0 | 2.105654 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 412.386473 | 50.0 | 220983.0 | 2.061932 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1064.378171 | 50.0 | 219562.0 | 2.128756 | Y |



## Calibration / 1,2,4-Trimethylbenzene

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

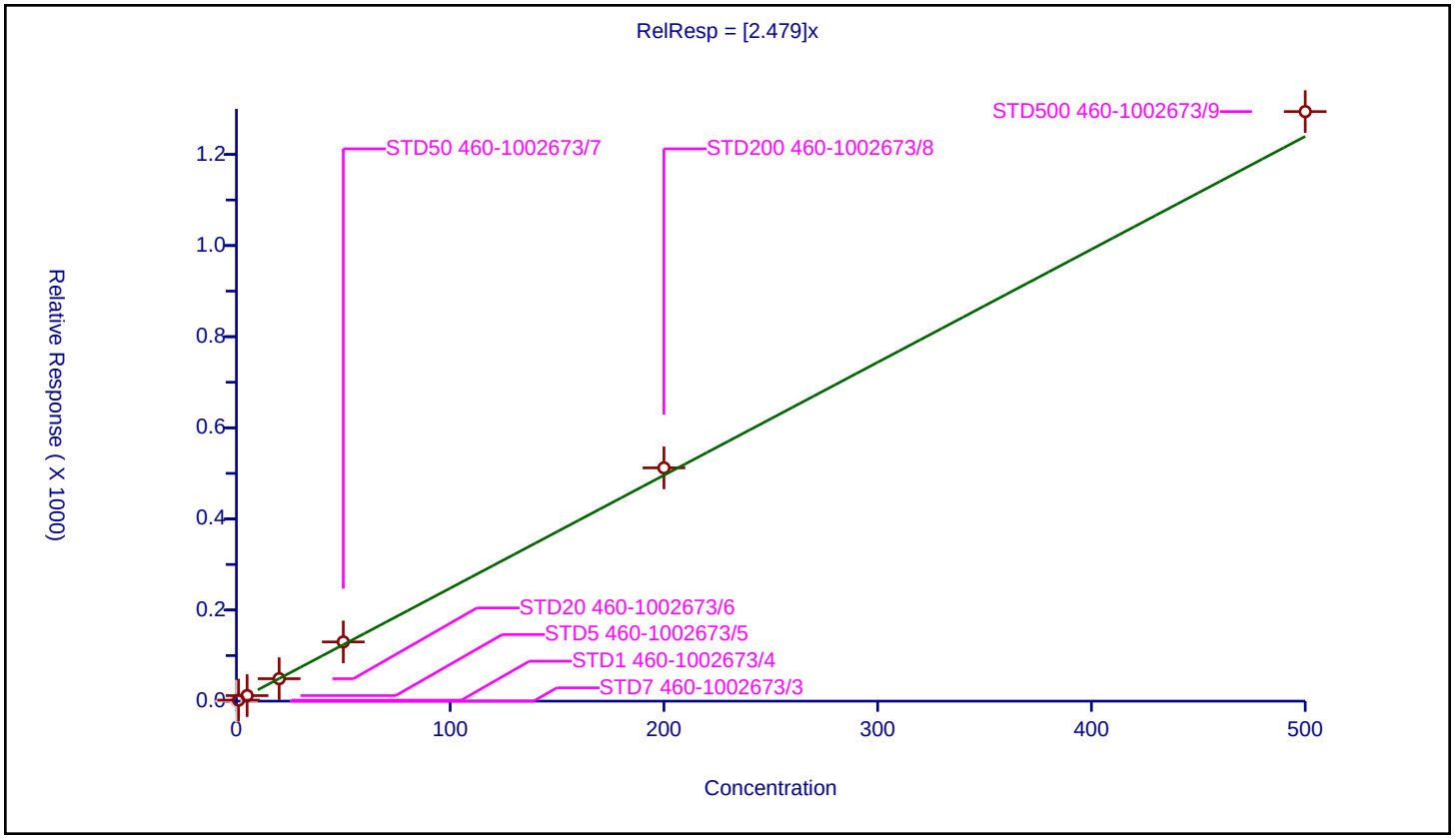
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.479 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.240347 | 50.0 | 222220.0 | 2.240347 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 12.124017 | 50.0 | 227936.0 | 2.424803 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 49.248145 | 50.0 | 226706.0 | 2.462407 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 129.966861 | 50.0 | 222092.0 | 2.599337 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 512.044365 | 50.0 | 220983.0 | 2.560222 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1294.094151 | 50.0 | 219562.0 | 2.588188 | Y |



## Calibration / sec-Butylbenzene

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

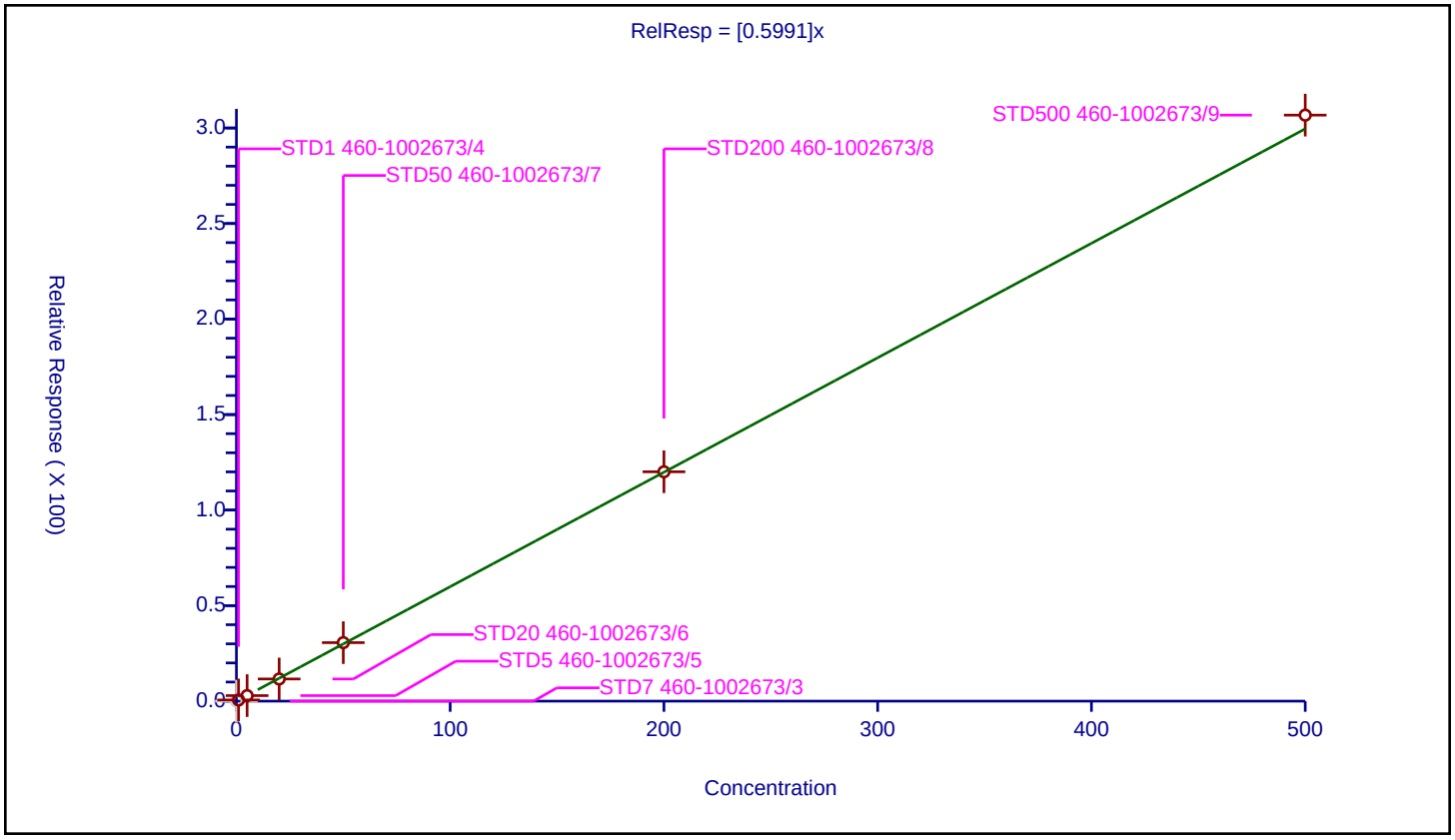
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5991 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.609531 | 50.0 | 222220.0 | 0.609531 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 2.893356 | 50.0 | 227936.0 | 0.578671 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 11.606883 | 50.0 | 226706.0 | 0.580344 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 30.620644 | 50.0 | 222092.0 | 0.612413 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 120.047243 | 50.0 | 220983.0 | 0.600236 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 306.740237 | 50.0 | 219562.0 | 0.61348 | Y |



## Calibration / 4-Isopropyltoluene

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

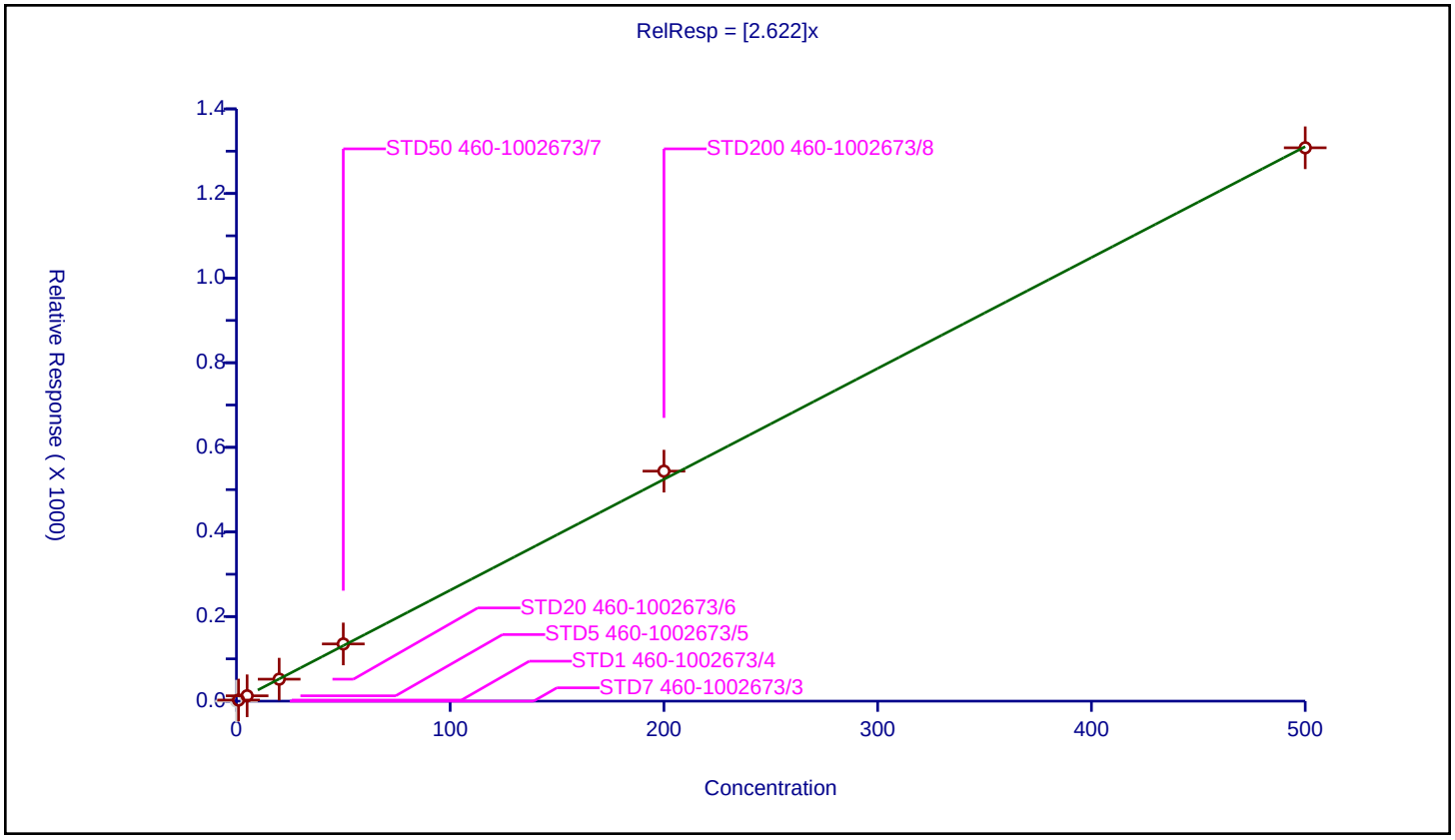
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.622 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.574926 | 50.0 | 222220.0 | 2.574926 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 12.603538 | 50.0 | 227936.0 | 2.520708 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 51.921652 | 50.0 | 226706.0 | 2.596083 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 135.194874 | 50.0 | 222092.0 | 2.703897 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 543.675758 | 50.0 | 220983.0 | 2.718379 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1308.081316 | 50.0 | 219562.0 | 2.616163 | Y |



## Calibration / 1,3-Dichlorobenzene

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

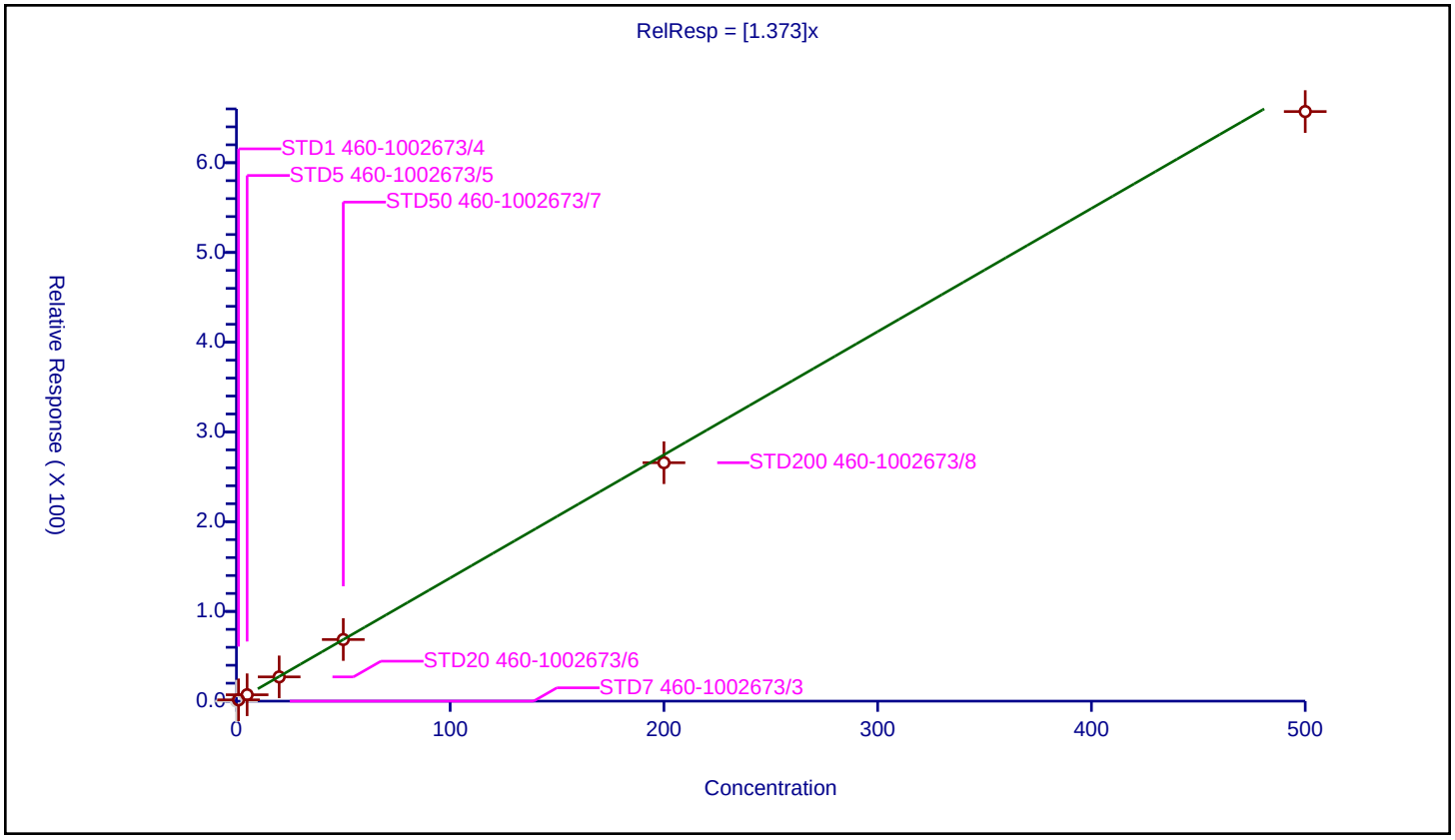
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.373 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.449914 | 50.0 | 222220.0 | 1.449914 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 7.0998 | 50.0 | 227936.0 | 1.41996 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 27.010533 | 50.0 | 226706.0 | 1.350527 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 68.659159 | 50.0 | 222092.0 | 1.373183 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 265.705733 | 50.0 | 220983.0 | 1.328529 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 657.045846 | 50.0 | 219562.0 | 1.314092 | Y |



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## Calibration / 1,4-Dichlorobenzene

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

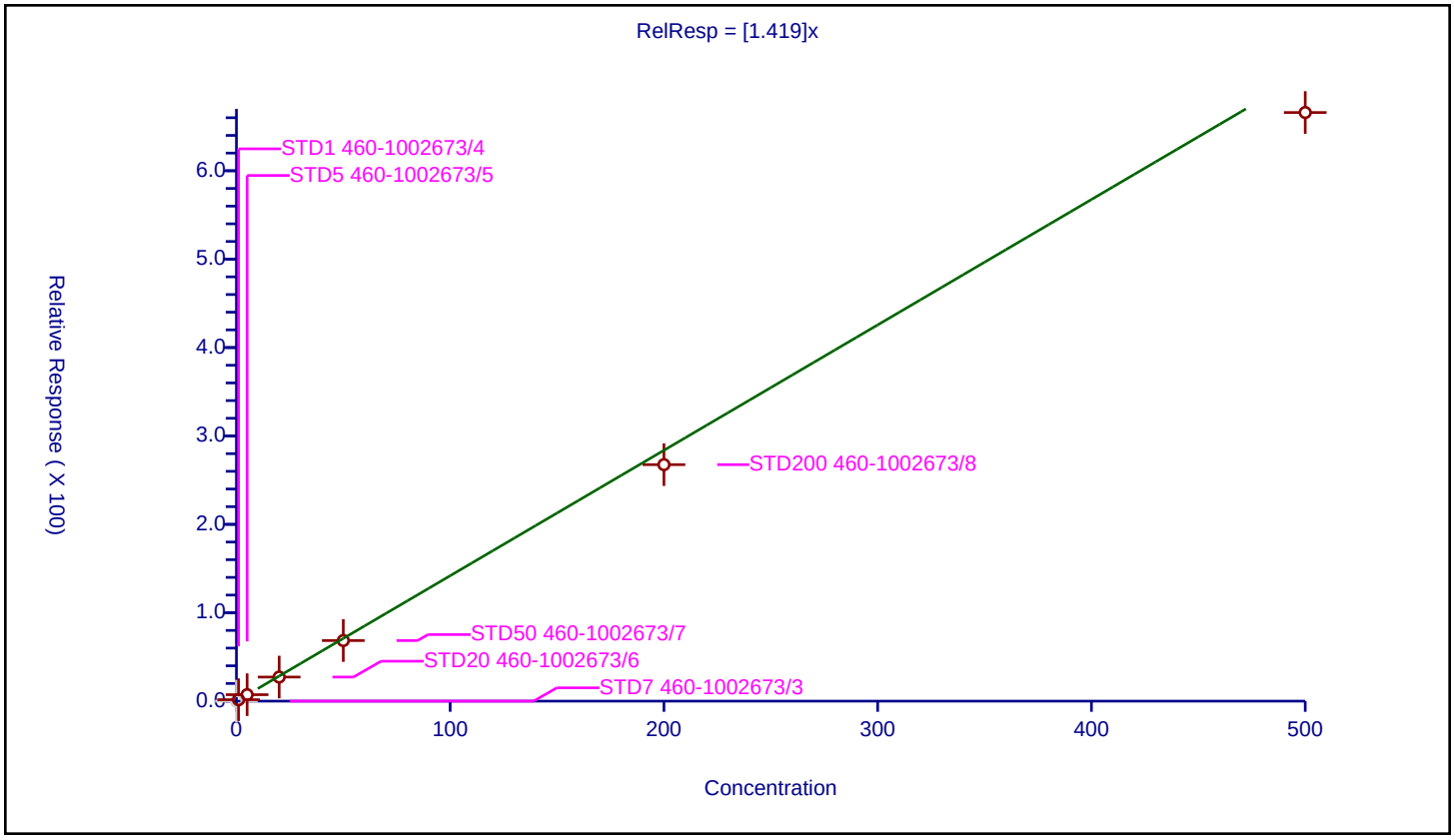
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.419 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.648141 | 50.0 | 222220.0 | 1.648141 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 7.304901 | 50.0 | 227936.0 | 1.46098 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 27.256888 | 50.0 | 226706.0 | 1.362844 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 68.545017 | 50.0 | 222092.0 | 1.3709 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 267.55678 | 50.0 | 220983.0 | 1.337784 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 665.905986 | 50.0 | 219562.0 | 1.331812 | Y |



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## Calibration / 1,2,3-Trimethylbenzene

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

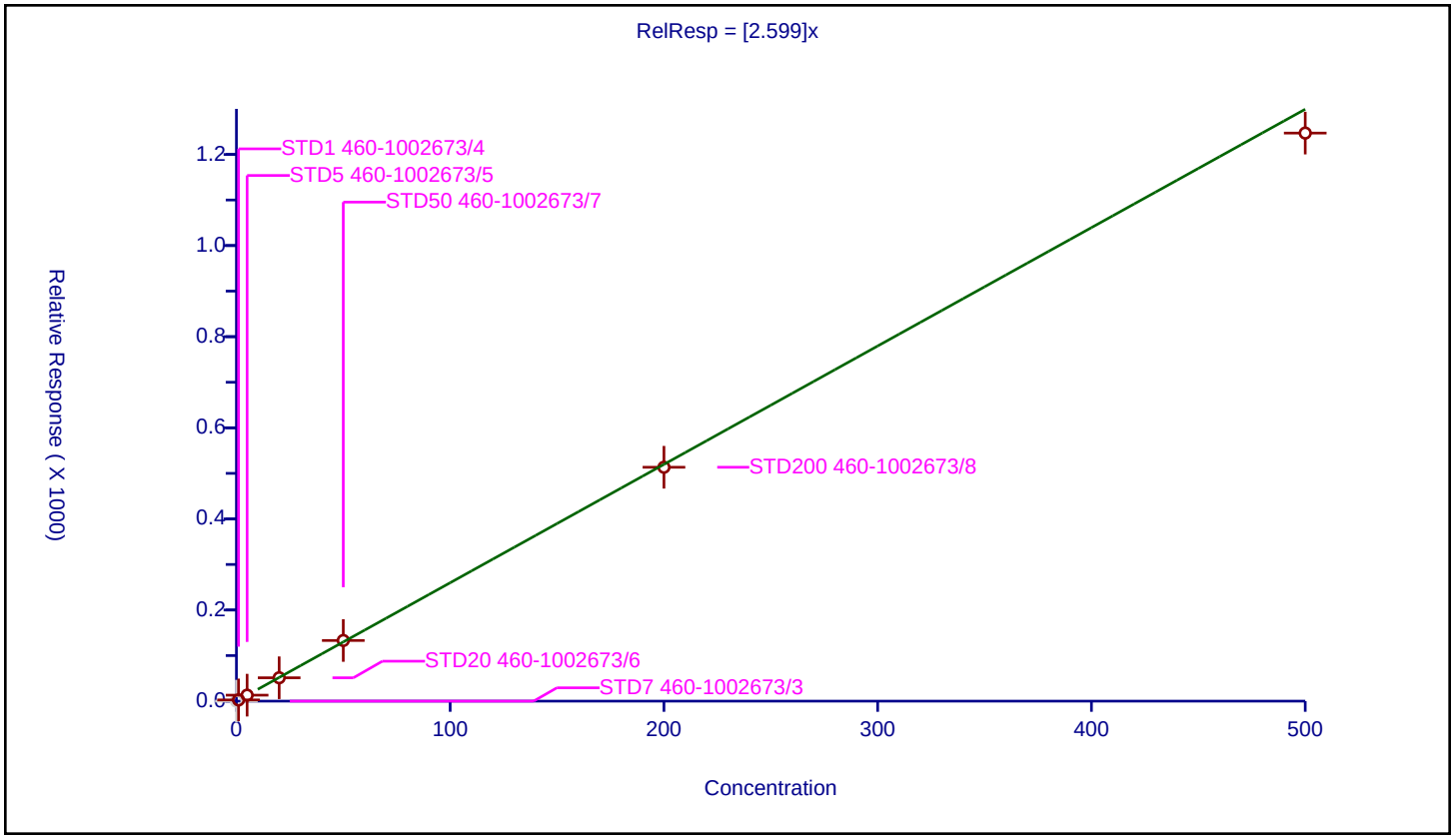
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.599 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.682702 | 50.0 | 222220.0 | 2.682702 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 13.097317 | 50.0 | 227936.0 | 2.619463 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 51.303009 | 50.0 | 226706.0 | 2.56515 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 133.160582 | 50.0 | 222092.0 | 2.663212 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 513.378857 | 50.0 | 220983.0 | 2.566894 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1246.898826 | 50.0 | 219562.0 | 2.493798 | Y |



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## Calibration / Benzyl chloride

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

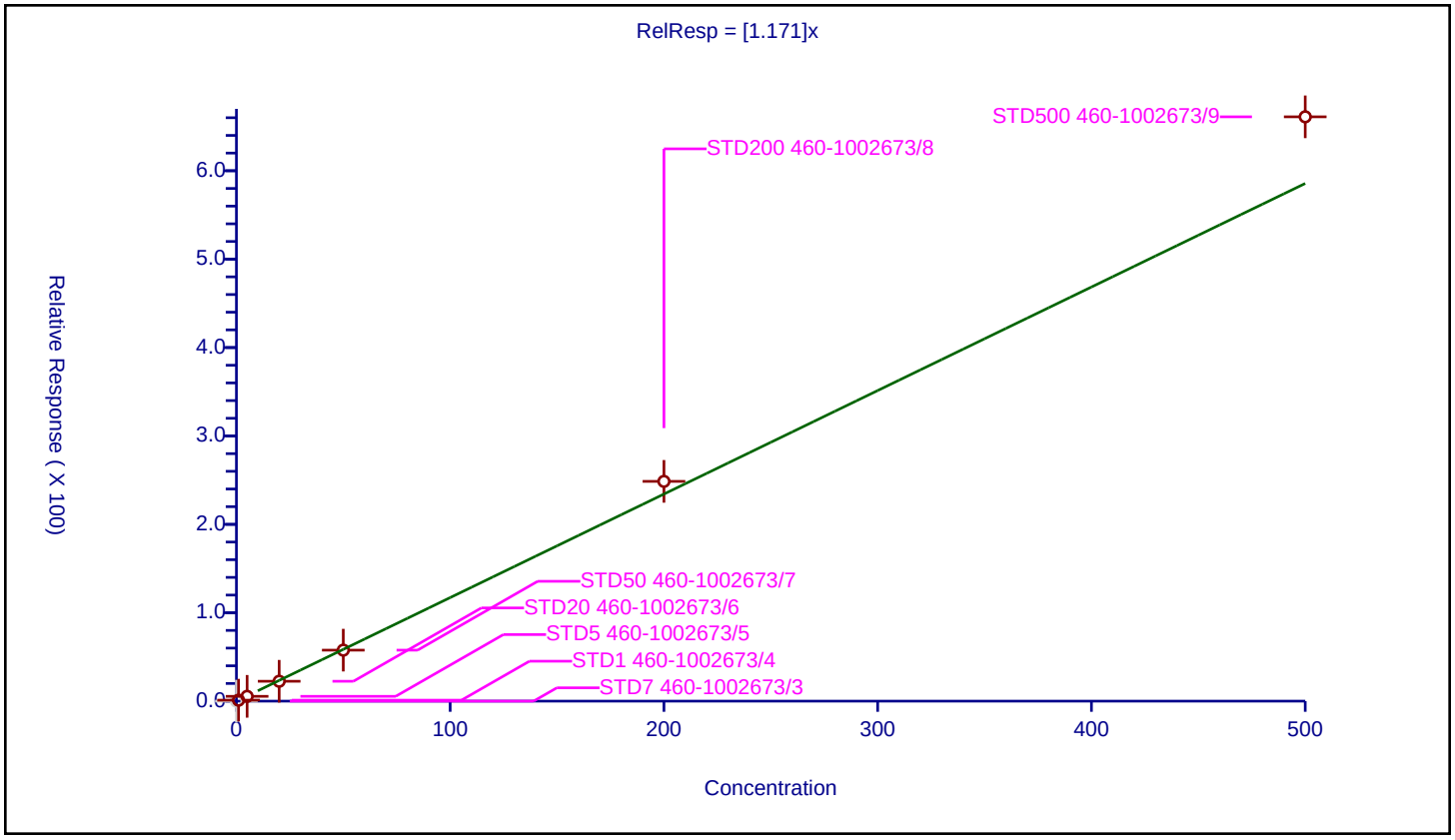
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.171 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.093961 | 50.0 | 222220.0 | 1.093961 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 5.449775 | 50.0 | 227936.0 | 1.089955 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 22.496758 | 50.0 | 226706.0 | 1.124838 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 57.677899 | 50.0 | 222092.0 | 1.153558 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 248.623876 | 50.0 | 220983.0 | 1.243119 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 661.029003 | 50.0 | 219562.0 | 1.322058 | Y |



## Calibration / 2,3-Dihydroindene

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

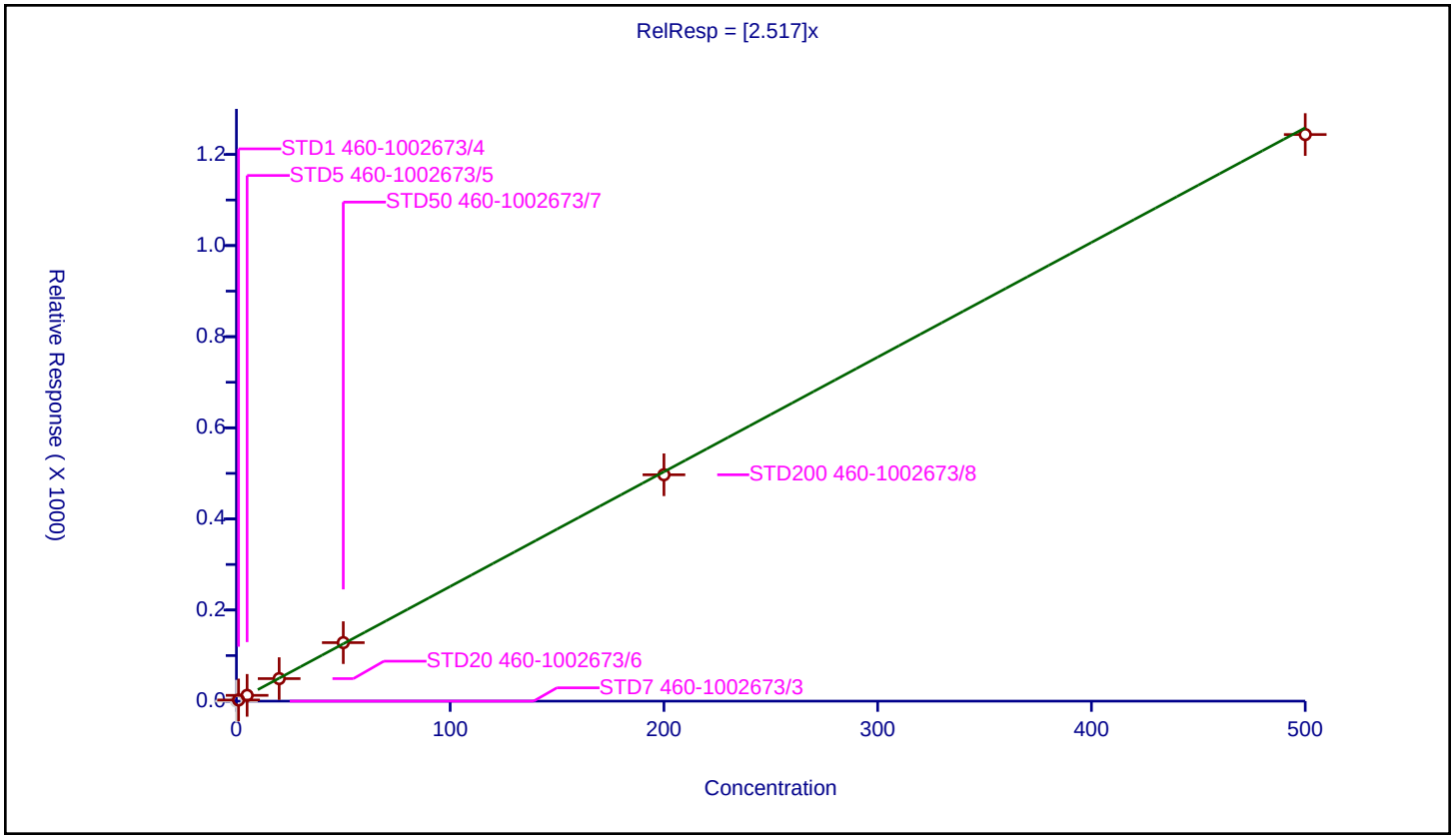
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.517 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.541625 | 50.0 | 222220.0 | 2.541625 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 12.736031 | 50.0 | 227936.0 | 2.547206 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 49.455903 | 50.0 | 226706.0 | 2.472795 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 128.428984 | 50.0 | 222092.0 | 2.56858 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 496.881887 | 50.0 | 220983.0 | 2.484409 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1243.715443 | 50.0 | 219562.0 | 2.487431 | Y |



## Calibration / p-Diethylbenzene

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

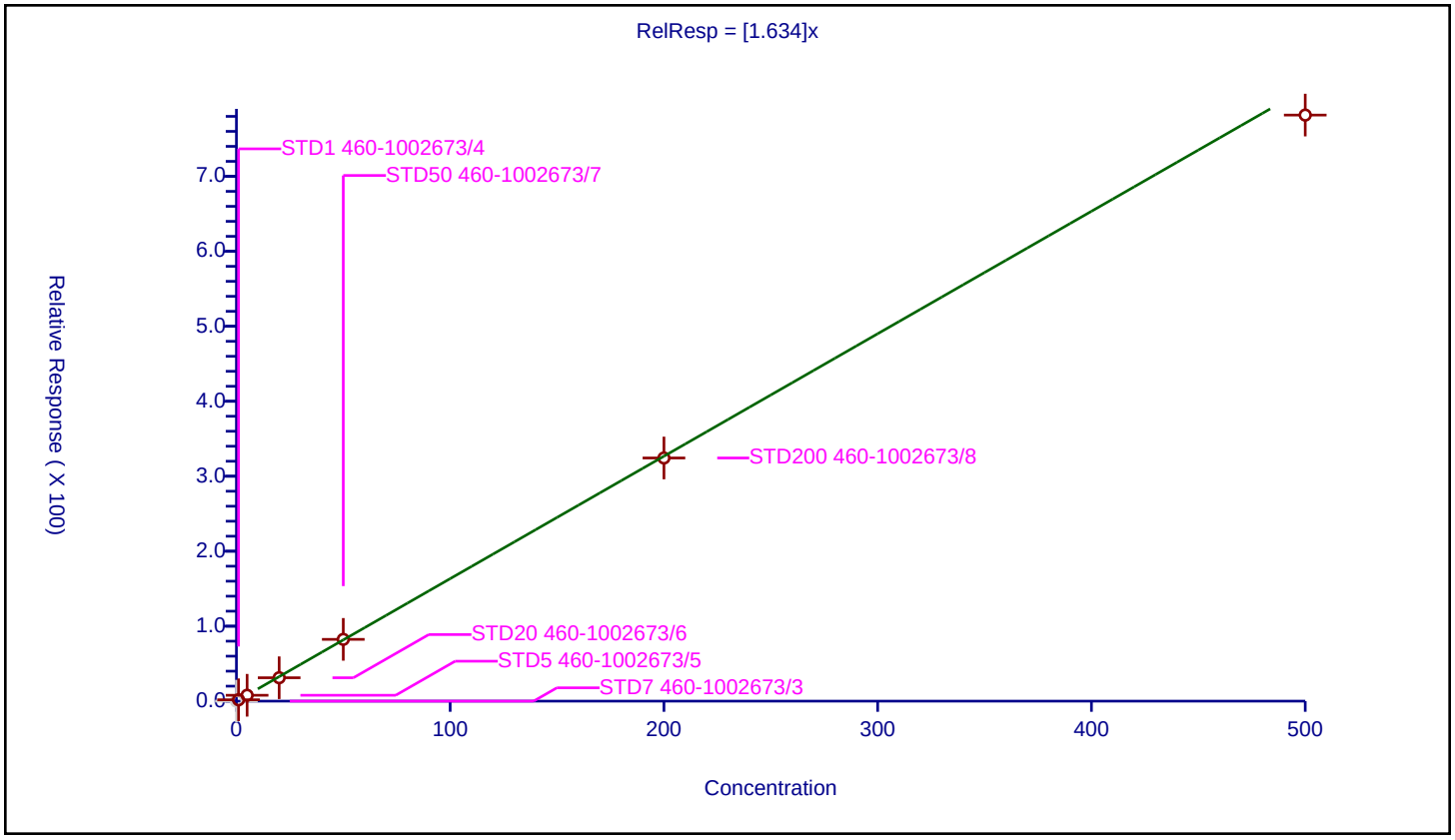
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.634 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.839618 | 50.0 | 222220.0 | 1.839618 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 7.836191 | 50.0 | 227936.0 | 1.567238 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 31.214657 | 50.0 | 226706.0 | 1.560733 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 82.420799 | 50.0 | 222092.0 | 1.648416 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 324.341239 | 50.0 | 220983.0 | 1.621706 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 781.771664 | 50.0 | 219562.0 | 1.563543 | Y |



## Calibration / n-Butylbenzene

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

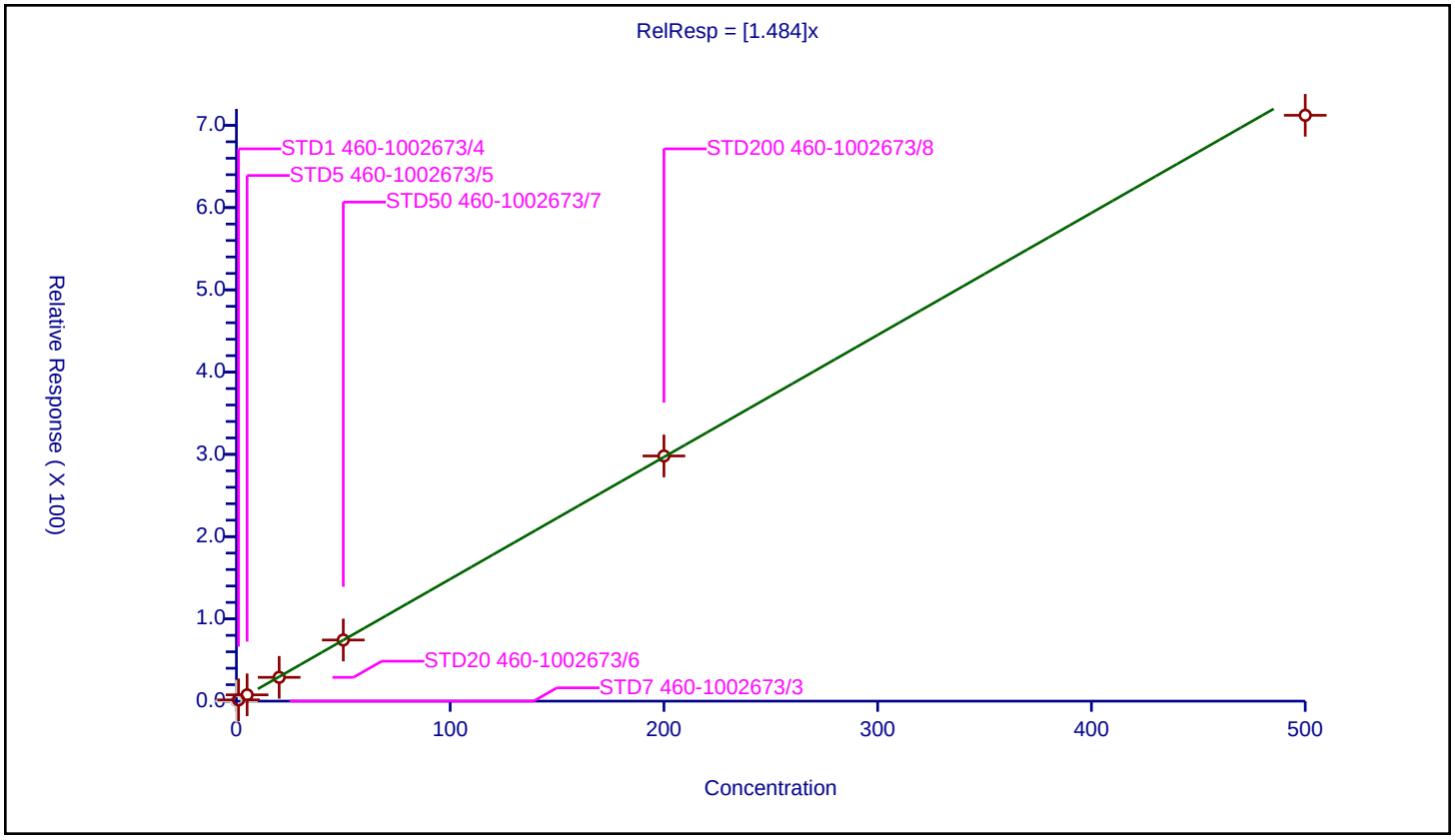
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.484 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.52664 | 50.0 | 222220.0 | 1.52664 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 7.643812 | 50.0 | 227936.0 | 1.528762 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 28.917188 | 50.0 | 226706.0 | 1.445859 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 74.339463 | 50.0 | 222092.0 | 1.486789 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 298.067272 | 50.0 | 220983.0 | 1.490336 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 712.219328 | 50.0 | 219562.0 | 1.424439 | Y |



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## Calibration / 1,2-Dichlorobenzene

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

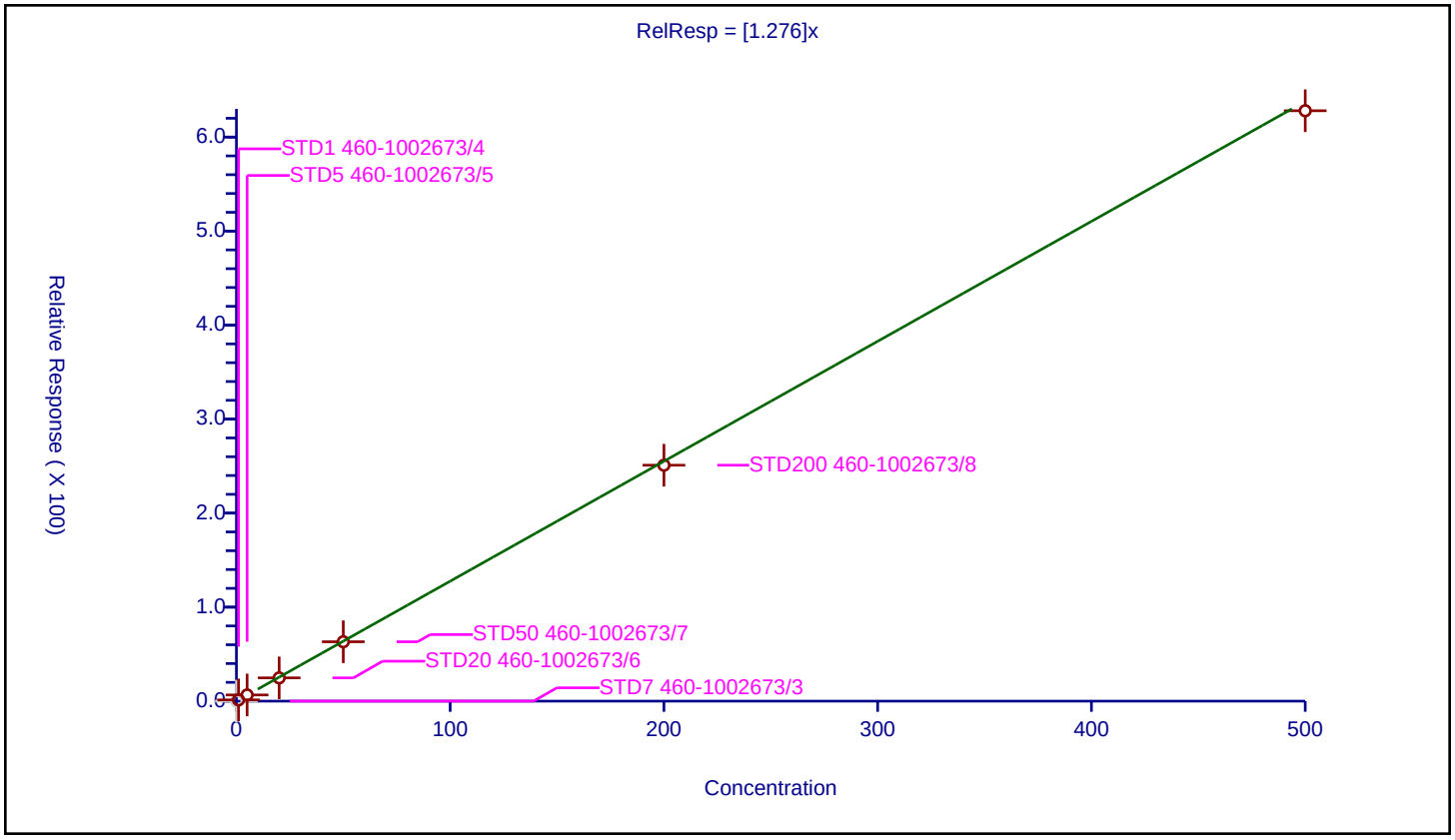
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.276 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.326163 | 50.0 | 222220.0 | 1.326163 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 6.590008 | 50.0 | 227936.0 | 1.318002 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 24.742398 | 50.0 | 226706.0 | 1.23712 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 63.163914 | 50.0 | 222092.0 | 1.263278 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 250.968853 | 50.0 | 220983.0 | 1.254844 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 628.021242 | 50.0 | 219562.0 | 1.256042 | Y |



## Calibration / 1,2,4,5-Tetramethylbenzene

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

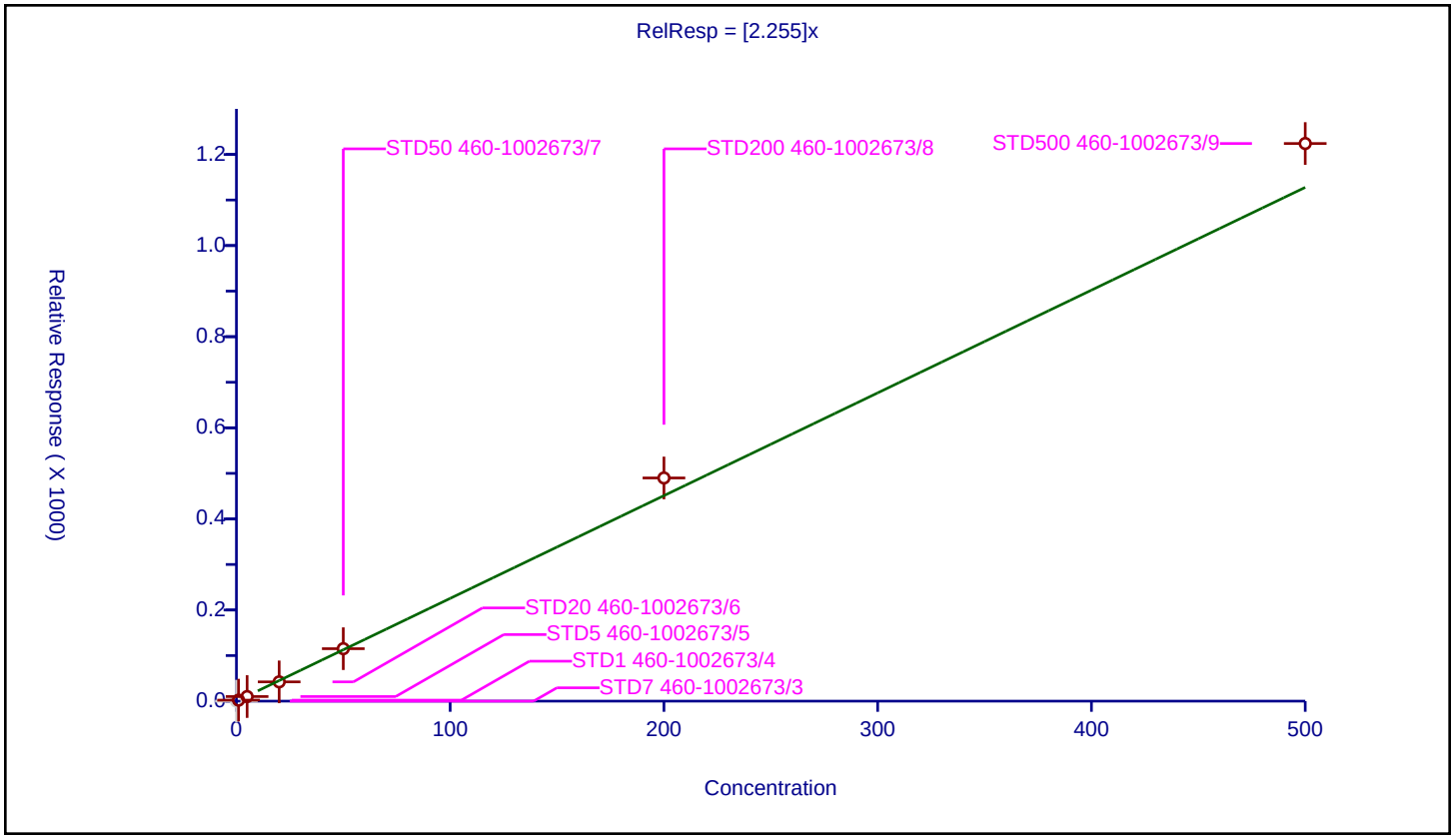
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.255 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 2.197372 | 50.0 | 222220.0 | 2.197372 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 10.096694 | 50.0 | 227936.0 | 2.019339 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 42.323317 | 50.0 | 226706.0 | 2.116166 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 115.115132 | 50.0 | 222092.0 | 2.302303 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 489.867773 | 50.0 | 220983.0 | 2.449339 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 1224.005748 | 50.0 | 219562.0 | 2.448011 | Y |



## Calibration / 1,2-Dibromo-3-Chloropropane

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

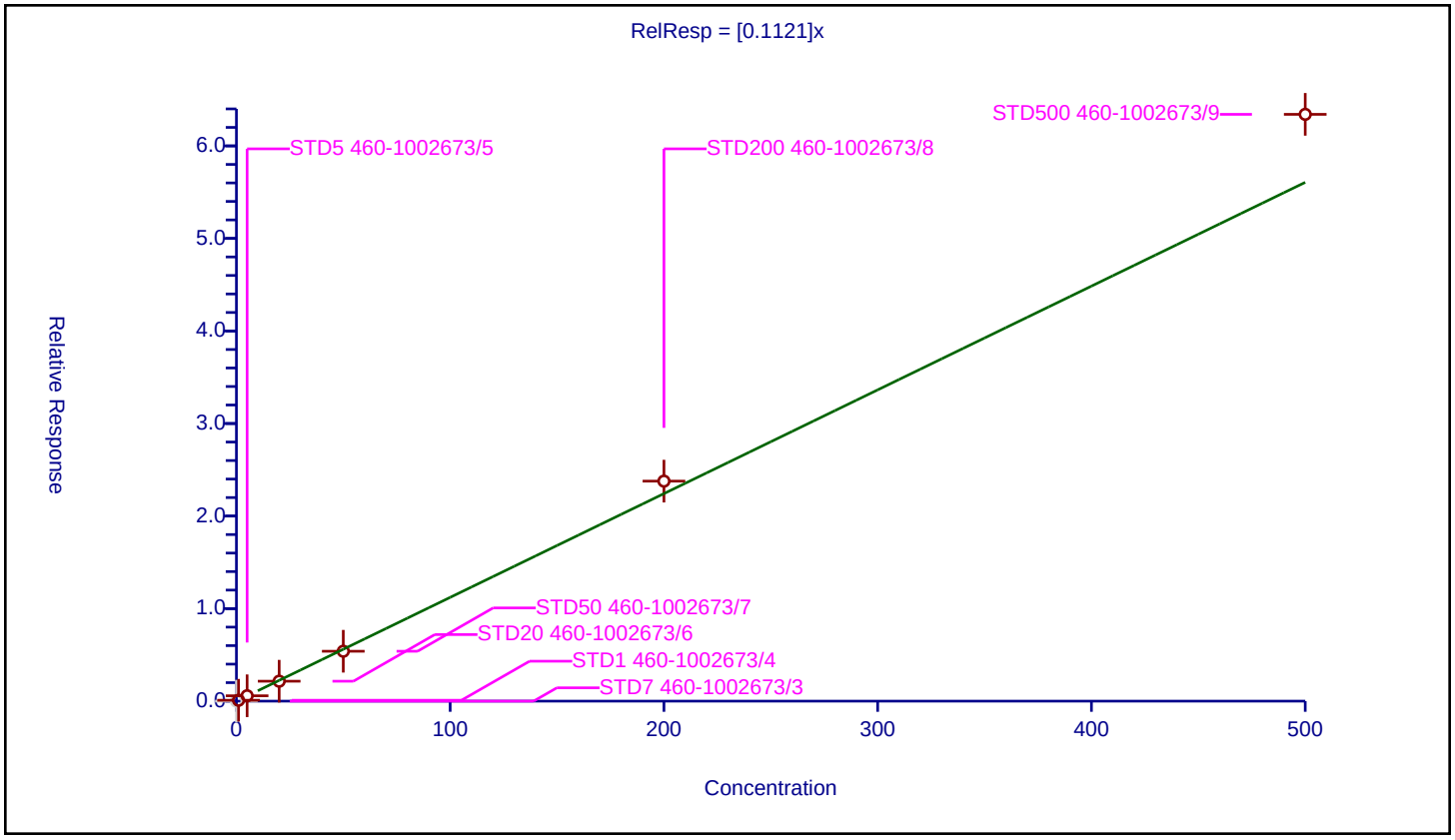
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1121 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.095401 | 50.0 | 222220.0 | 0.095401 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 0.580426 | 50.0 | 227936.0 | 0.116085 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 2.153891 | 50.0 | 226706.0 | 0.107695 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 5.392585 | 50.0 | 222092.0 | 0.107852 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 23.775811 | 50.0 | 220983.0 | 0.118879 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 63.409196 | 50.0 | 219562.0 | 0.126818 | Y |



## Calibration / 1,3,5-Trichlorobenzene

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

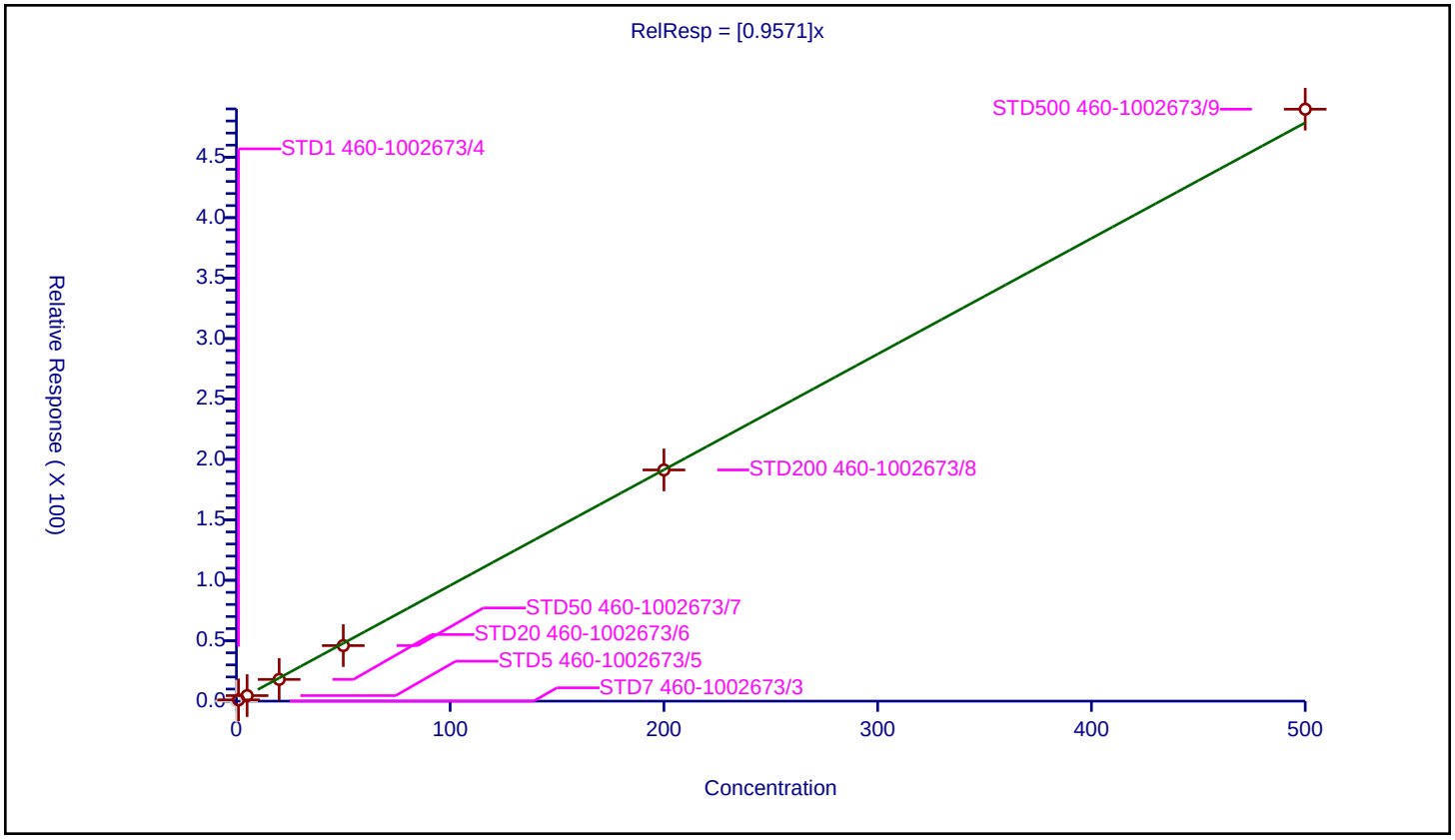
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9571 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.073711 | 50.0 | 222220.0 | 1.073711 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.580014 | 50.0 | 227936.0 | 0.916003 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 17.967323 | 50.0 | 226706.0 | 0.898366 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 45.945599 | 50.0 | 222092.0 | 0.918912 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 191.277157 | 50.0 | 220983.0 | 0.956386 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 489.732741 | 50.0 | 219562.0 | 0.979465 | Y |



## Calibration / 1,2,4-Trichlorobenzene

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

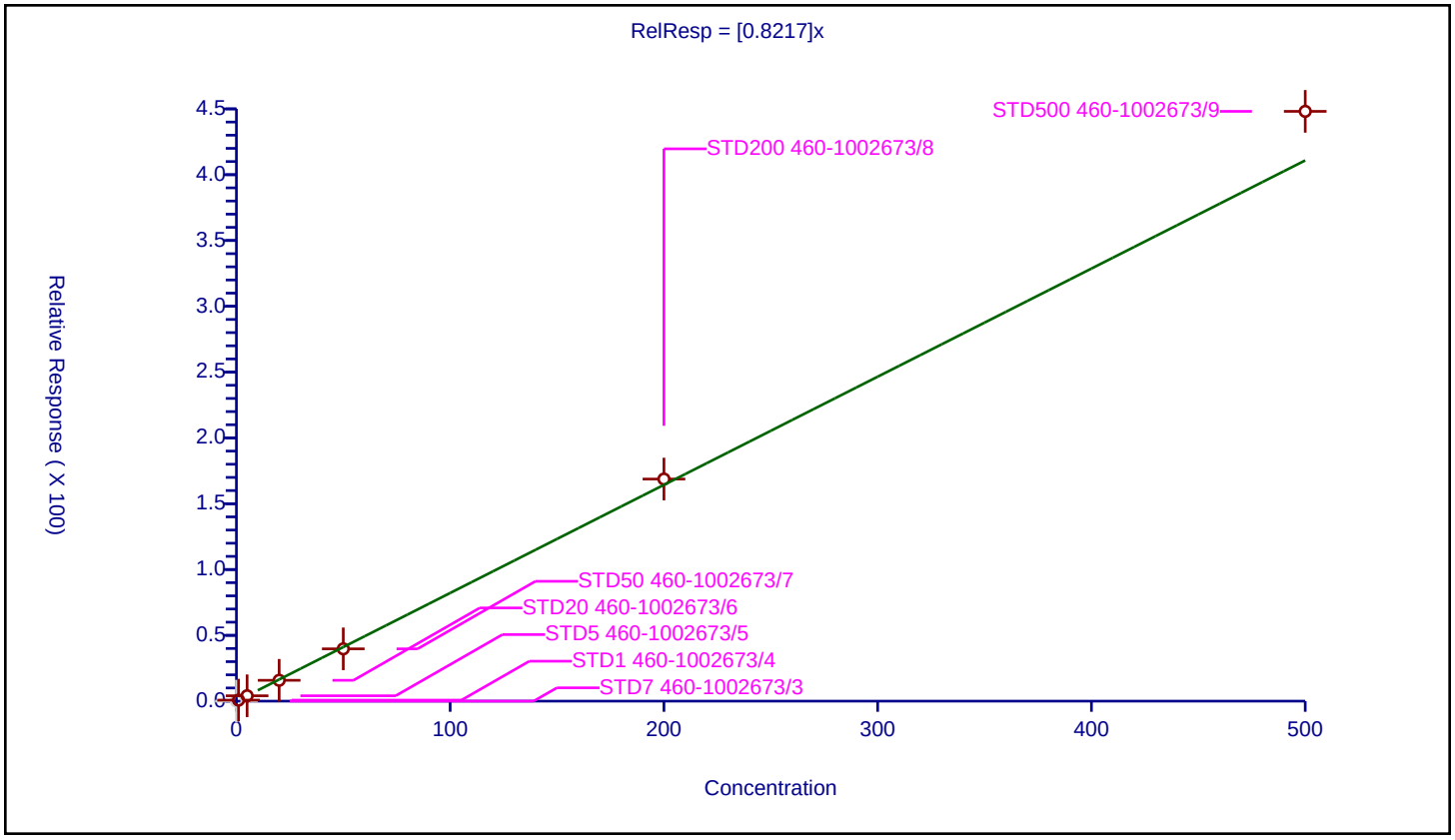
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8217 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.787958 | 50.0 | 222220.0 | 0.787958 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 4.08097 | 50.0 | 227936.0 | 0.816194 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 15.825342 | 50.0 | 226706.0 | 0.791267 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 39.742089 | 50.0 | 222092.0 | 0.794842 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 168.741939 | 50.0 | 220983.0 | 0.84371 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 448.119893 | 50.0 | 219562.0 | 0.89624 | Y |



## Calibration / Hexachlorobutadiene

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

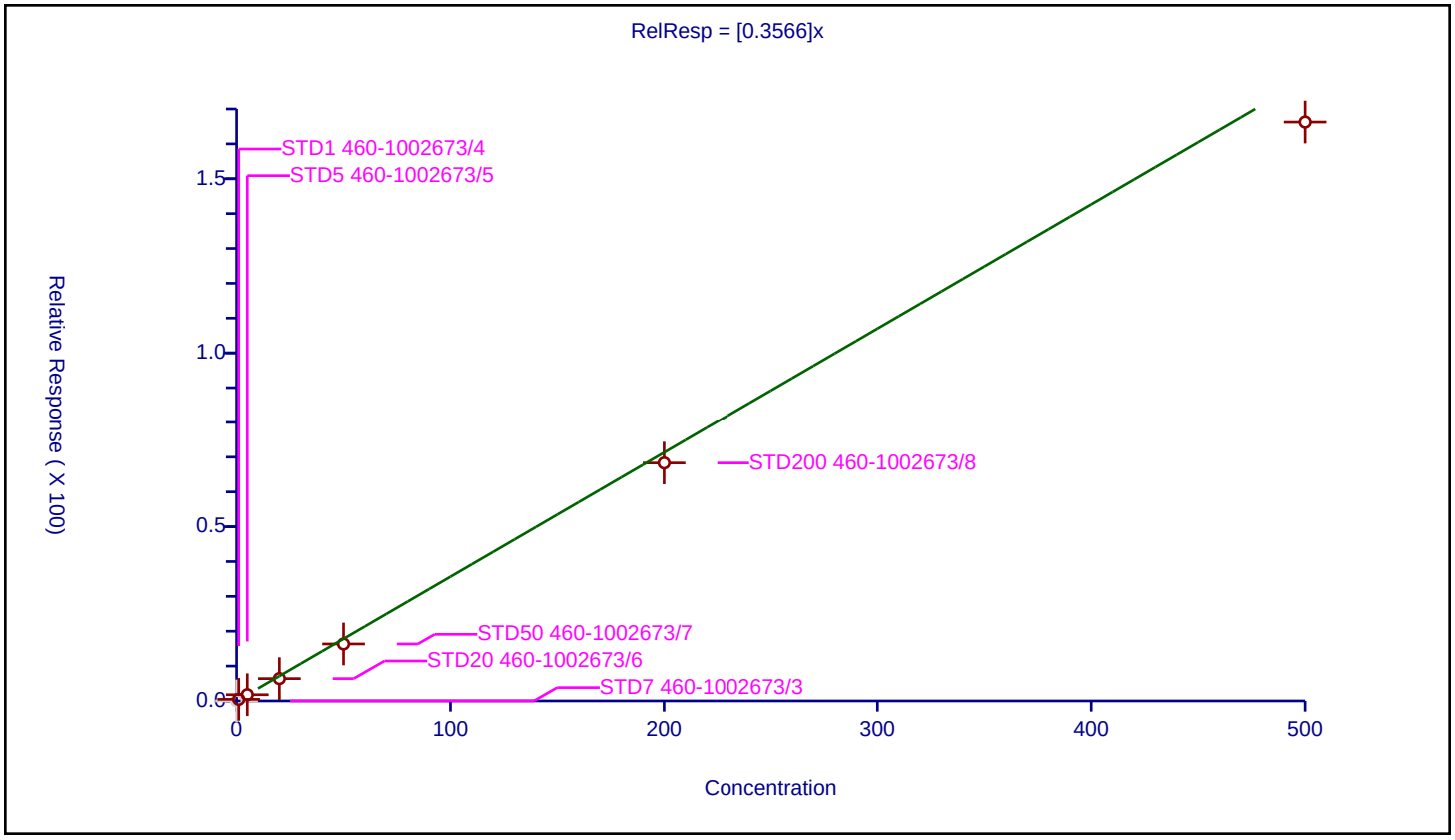
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3566 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.46058 | 50.0 | 222220.0 | 0.46058 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 1.788441 | 50.0 | 227936.0 | 0.357688 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 6.406094 | 50.0 | 226706.0 | 0.320305 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 16.350882 | 50.0 | 222092.0 | 0.327018 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 68.323808 | 50.0 | 220983.0 | 0.341619 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 166.258506 | 50.0 | 219562.0 | 0.332517 | Y |



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## Calibration / Naphthalene

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

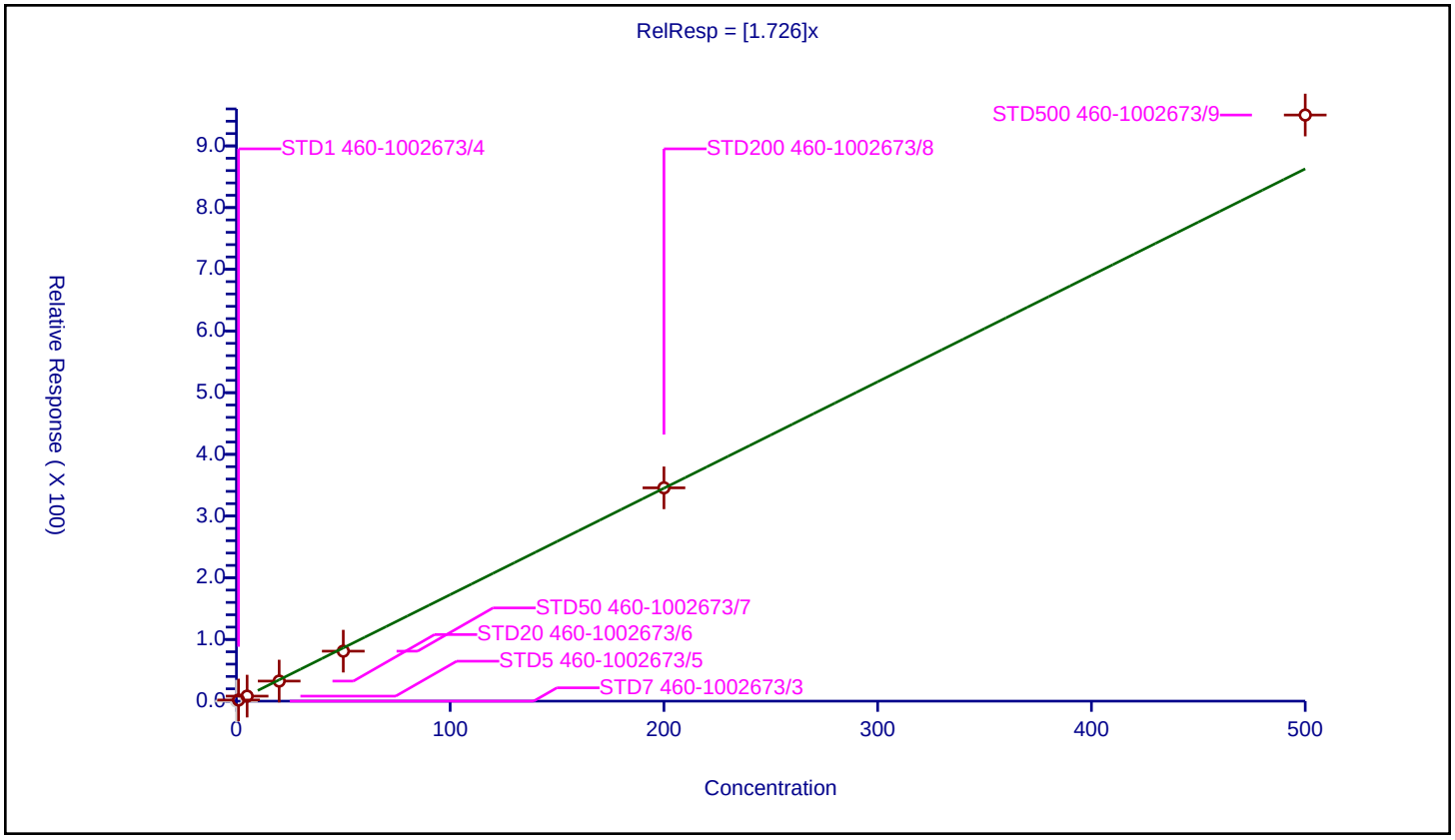
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.726 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 1.848843 | 50.0 | 222220.0 | 1.848843 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 8.142637 | 50.0 | 227936.0 | 1.628527 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 32.543029 | 50.0 | 226706.0 | 1.627151 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 81.012373 | 50.0 | 222092.0 | 1.620247 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 345.754877 | 50.0 | 220983.0 | 1.728774 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 950.069229 | 50.0 | 219562.0 | 1.900138 | Y |



## Calibration / 1,2,3-Trichlorobenzene

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

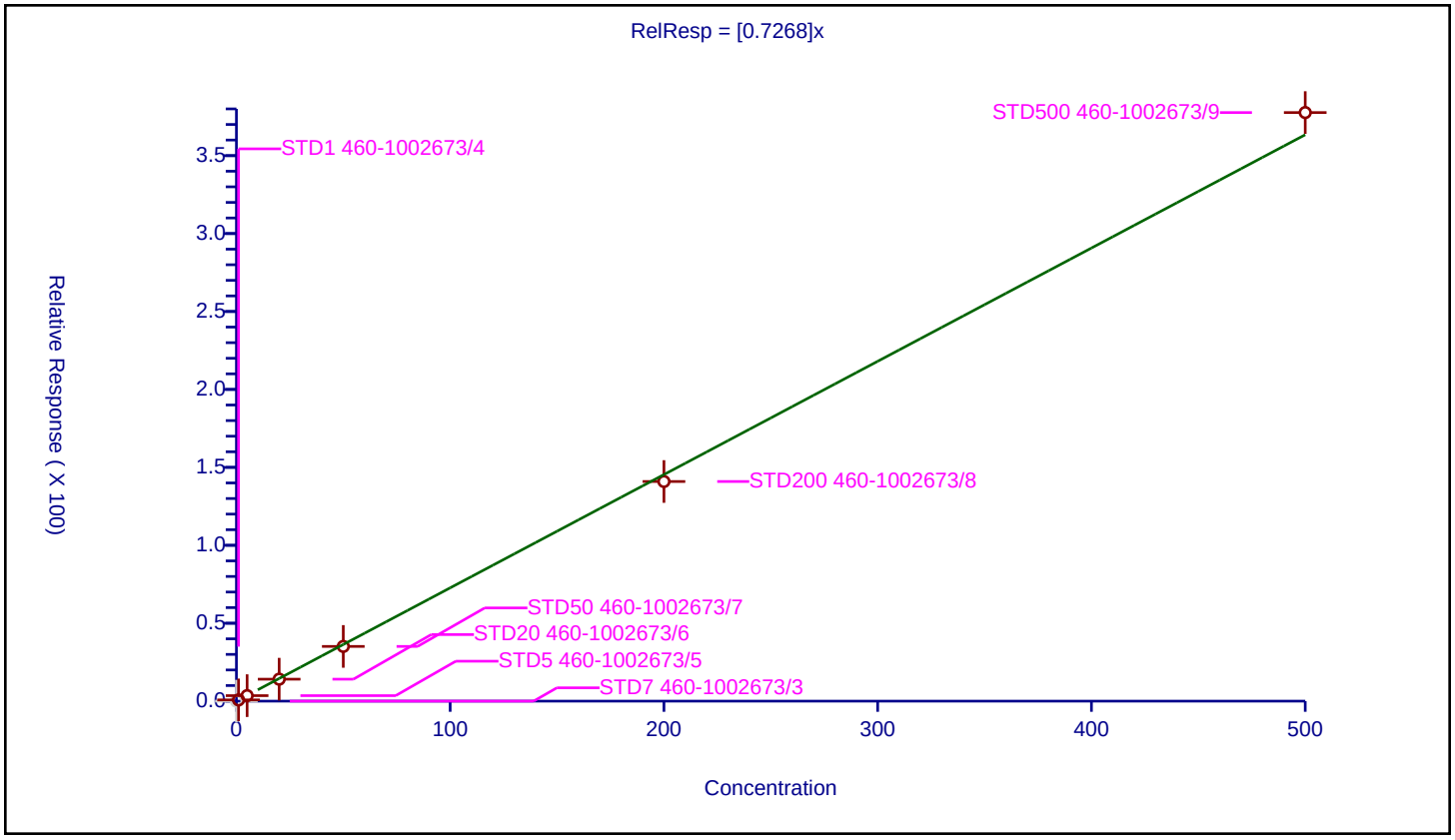
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7268 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD7 460-1002673/3 | 0.0 | 0.0 | 50.0 | 221372.0 | NaN | N |
| 2 | STD1 460-1002673/4 | 1.0 | 0.788858 | 50.0 | 222220.0 | 0.788858 | Y |
| 3 | STD5 460-1002673/5 | 5.0 | 3.526648 | 50.0 | 227936.0 | 0.70533 | Y |
| 4 | STD20 460-1002673/6 | 20.0 | 14.091819 | 50.0 | 226706.0 | 0.704591 | Y |
| 5 | STD50 460-1002673/7 | 50.0 | 35.111575 | 50.0 | 222092.0 | 0.702232 | Y |
| 6 | STD200 460-1002673/8 | 200.0 | 140.923736 | 50.0 | 220983.0 | 0.704619 | Y |
| 7 | STD500 460-1002673/9 | 500.0 | 377.641167 | 50.0 | 219562.0 | 0.755282 | Y |



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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-1016958/3 | B19228.D |
| Level 2 | STD5 460-1016958/4 | B19229.D |
| Level 3 | STD20 460-1016958/5 | B19230.D |
| Level 4 | STD50 460-1016958/6 | B19231.D |
| Level 5 | STD200 460-1016958/7 | B19232.D |
| Level 6 | STD500 460-1016958/8 | B19233.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorodifluoromethane | 0.4654 0.5757 | 0.3983 | 0.5234 | 0.5044 | 0.6039 | Ave | | 0.5119 | | | 0.1000 | 14.6 | | 20.0 | | | |
| Chlorodifluoromethane | 0.1598 0.0687 | 0.0890 | 0.0897 | 0.0855 | 0.0712 | Lin2 | 0.0833 | 0.0763 | | | | | | | 0.9900 | | 0.9900 |
| Chloromethane | 0.6127 0.5474 | 0.5636 | 0.5892 | 0.6031 | 0.5764 | Ave | | 0.5821 | | | 0.1000 | 4.2 | | 20.0 | | | |
| Vinyl chloride | 0.3712 0.4447 | 0.4067 | 0.4544 | 0.4566 | 0.4709 | Ave | | 0.4341 | | | 0.1000 | 8.7 | | 20.0 | | | |
| Butadiene | 0.5520 0.4409 | 0.3688 | 0.4431 | 0.4454 | 0.4640 | Ave | | 0.4524 | | | | 13.0 | | 20.0 | | | |
| Bromomethane | 0.2220 0.2321 | 0.3028 | 0.3158 | 0.3045 | 0.3058 | Ave | | 0.2805 | | | 0.1000 | 14.9 | | 20.0 | | | |
| Chloroethane | 0.3132 0.2156 | 0.2614 | 0.2822 | 0.2737 | 0.2699 | Ave | | 0.2693 | | | 0.1000 | 11.8 | | 20.0 | | | |
| Dichlorofluoromethane | 0.7724 0.6644 | 0.7859 | 0.8869 | 0.8587 | 0.8020 | Ave | | 0.7951 | | | | 9.8 | | 20.0 | | | |
| Pentane | 0.6425 0.5024 | 0.6625 | 0.6908 | 0.6286 | 0.5546 | Ave | | 0.6136 | | | | 11.6 | | 20.0 | | | |
| Trichlorofluoromethane | 0.4579 0.5227 | 0.4713 | 0.6070 | 0.6221 | 0.5914 | Ave | | 0.5454 | | | 0.1000 | 13.1 | | 20.0 | | | |
| Ethanol | 0.0252 0.0290 | 0.0351 | 0.0304 | 0.0234 | 0.0252 | Ave | | 0.0281 | | | | 15.5 | | 20.0 | | | |
| Ethyl ether | 0.4570 0.2756 | 0.2983 | 0.3387 | 0.3154 | 0.2673 | Lin2 | 0.1638 | 0.2905 | | | | | | | 0.9910 | | 0.9900 |
| 2-Methyl-1,3-butadiene | 0.4114 0.3073 | 0.3900 | 0.4465 | 0.3939 | 0.2777 | Ave | | 0.3711 | | | | 17.4 | | 20.0 | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | 0.2508 0.2480 | 0.2062 | 0.2880 | 0.2840 | 0.1978 | Ave | | 0.2458 | | | | 15.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Acrolein | 1.3699 1.4545 | 1.1721 | 1.6023 | 1.5324 | 1.3560 | Ave | | 1.4145 | | | | 10.7 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | 0.4257 0.4427 | 0.3896 | 0.5624 | 0.5066 | 0.3802 | Ave | | 0.4512 | | | | 15.7 | | 20.0 | | | |
| 1,1-Dichloroethene | 0.2394 0.2281 | 0.2392 | 0.2640 | 0.2359 | 0.2210 | Ave | | 0.2379 | | | 0.1000 | 6.1 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroeth ane | 0.2030 0.2535 | 0.2323 | 0.2703 | 0.2608 | 0.2421 | Ave | | 0.2437 | | | 0.1000 | 9.9 | | 20.0 | | | |
| Acetone | 0.6702 0.5792 | 0.6822 | 0.5843 | 0.6096 | 0.6401 | Ave | | 0.6276 | | | 0.0500 | 6.9 | | 20.0 | | | |
| Iodomethane | 0.2969 0.3669 | 0.3650 | 0.3853 | 0.3806 | 0.3525 | Ave | | 0.3579 | | | | 9.0 | | 20.0 | | | |
| Carbon disulfide | 0.8400 1.0137 | 0.9747 | 1.1080 | 1.0645 | 0.9599 | Ave | | 0.9935 | | | 0.1000 | 9.4 | | 20.0 | | | |
| Isopropyl alcohol | 0.6381 0.6212 | 0.4287 | 0.5513 | 0.5477 | 0.6430 | Ave | | 0.5717 | | | | 14.3 | | 20.0 | | | |
| 3-Chloro-1-propene | 0.3216 0.3575 | 0.3125 | 0.4026 | 0.3780 | 0.3592 | Ave | | 0.3552 | | | | 9.5 | | 20.0 | | | |
| Acetonitrile | 0.4293 0.2402 | 0.4066 | 0.3502 | 0.2993 | 0.3553 | Ave | | 0.3468 | | | | 20.0 | | 20.0 | | | |
| Methyl acetate | 0.1366 0.2391 | 0.2308 | 0.2530 | 0.2418 | 0.2246 | Ave | | 0.2210 | | | 0.0500 | 19.2 | | 20.0 | | | |
| Methylene Chloride | 0.3246 0.3003 | 0.3367 | 0.3386 | 0.3115 | 0.2908 | Ave | | 0.3171 | | | 0.1000 | 6.2 | | 20.0 | | | |
| 2-Methyl-2-propanol | 0.7303 1.0859 | 1.0924 | 1.1337 | 1.0518 | 1.0559 | Ave | | 1.0250 | | | | 14.4 | | 20.0 | | | |
| Acrylonitrile | 2.8644 2.9473 | 2.7932 | 2.8691 | 2.7368 | 2.9414 | Ave | | 2.8587 | | | | 2.9 | | 20.0 | | | |
| trans-1,2-Dichloroethene | 0.2467 0.2791 | 0.2624 | 0.2796 | 0.2642 | 0.2621 | Ave | | 0.2657 | | | 0.1000 | 4.6 | | 20.0 | | | |
| Methyl tert-butyl ether | 0.8529 0.9227 | 0.9217 | 0.9439 | 0.8925 | 0.8751 | Ave | | 0.9015 | | | 0.1000 | 3.8 | | 20.0 | | | |
| Hexane | 0.3277 0.3899 | 0.3476 | 0.4399 | 0.4095 | 0.3863 | Ave | | 0.3835 | | | | 10.6 | | 20.0 | | | |
| 1,1-Dichloroethane | 0.4704 0.5153 | 0.5221 | 0.5555 | 0.5342 | 0.5113 | Ave | | 0.5181 | | | 0.2000 | 5.5 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | 0.3196 0.4169 | 0.3282 | 0.3414 | 0.2833 | 0.3852 | Ave | | 0.3458 | | | | 13.9 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | 0.2028 0.2654 | 0.2261 | 0.2634 | 0.2447 | 0.2564 | Ave | | 0.2431 | | | | 10.1 | | 20.0 | | | |
| Isopropyl ether | 0.8548 0.9830 | 0.9912 | 1.0155 | 0.9684 | 0.9769 | Ave | | 0.9650 | | | | 5.8 | | 20.0 | | | |
| Tert-butyl ethyl ether | 0.3332 0.3533 | 0.3530 | 0.3753 | 0.3508 | 0.3515 | Ave | | 0.3528 | | | | 3.8 | | 20.0 | | | |
| cis-1,2-Dichloroethene | 0.2748 0.2972 | 0.2954 | 0.3104 | 0.2921 | 0.2855 | Ave | | 0.2926 | | | 0.1000 | 4.1 | | 20.0 | | | |
| 2,2-Dichloropropane | 0.1702 0.1328 | 0.1434 | 0.1442 | 0.1301 | 0.1253 | Ave | | 0.1410 | | | | 11.4 | | 20.0 | | | |
| 2-Butanone (MEK) | 0.2311 0.2575 | 0.2222 | 0.2472 | 0.2329 | 0.2442 | Ave | | 0.2392 | | | 0.0500 | 5.3 | | 20.0 | | | |
| Propionitrile | 0.2442 0.3278 | 0.3411 | 0.3401 | 0.2989 | 0.3162 | Ave | | 0.3114 | | | | 11.7 | | 20.0 | | | |
| Ethyl acetate | 2.3729 2.4272 | 2.5162 | 2.7175 | 2.3390 | 2.3569 | Ave | | 2.4550 | | | | 5.9 | | 20.0 | | | |
| Methyl acrylate | 0.3477 0.3480 | 0.3632 | 0.3556 | 0.3353 | 0.3342 | Ave | | 0.3474 | | | | 3.3 | | 20.0 | | | |
| Chlorobromomethane | 0.1331 0.1555 | 0.1341 | 0.1350 | 0.1349 | 0.1421 | Ave | | 0.1391 | | | | 6.2 | | 20.0 | | | |
| Methacrylonitrile | 0.1155 0.1455 | 0.1301 | 0.1291 | 0.1240 | 0.1329 | Ave | | 0.1295 | | | | 7.7 | | 20.0 | | | |
| Tetrahydrofuran | 1.0239 0.9295 | 0.7465 | 0.8749 | 0.8655 | 0.8763 | Ave | | 0.8861 | | | | 10.2 | | 20.0 | | | |
| Chloroform | 0.4509 0.4920 | 0.4933 | 0.5113 | 0.4955 | 0.4855 | Ave | | 0.4881 | | | 0.2000 | 4.1 | | 20.0 | | | |
| 1,1,1-Trichloroethane | 0.3576 0.3882 | 0.3854 | 0.4178 | 0.3985 | 0.3826 | Ave | | 0.3883 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Cyclohexane | 0.3616 0.4020 | 0.3670 | 0.4425 | 0.4217 | 0.3910 | Ave | | 0.3976 | | | 0.1000 | 7.9 | | 20.0 | | | |
| 1,1-Dichloropropene | 0.3061 0.3709 | 0.3406 | 0.3841 | 0.3644 | 0.3607 | Ave | | 0.3545 | | | | 7.8 | | 20.0 | | | |
| Carbon tetrachloride | 0.2595 0.3246 | 0.2828 | 0.3237 | 0.3217 | 0.3143 | Ave | | 0.3044 | | | 0.1000 | 8.9 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Benzene | 1.5126 1.7377 | 1.6784 | 1.7630 | 1.6291 | 1.6486 | Ave | | 1.6616 | | | 0.5000 | 5.4 | | 20.0 | | | |
| Isobutyl alcohol | 0.2368 0.2220 | 0.1917 | 0.2069 | 0.2058 | 0.2143 | Ave | | 0.2129 | | | | 7.3 | | 20.0 | | | |
| 1,2-Dichloroethane | 0.3644 0.3980 | 0.3963 | 0.3929 | 0.3688 | 0.3755 | Ave | | 0.3826 | | | 0.1000 | 3.9 | | 20.0 | | | |
| Isooctane | 0.8426 1.3706 | 0.9697 | 1.2967 | 1.2318 | 1.2810 | Ave | | 1.1654 | | | | 18.0 | | 20.0 | | | |
| Isopropyl acetate | 0.1074 0.1211 | 0.1152 | 0.1213 | 0.1134 | 0.1120 | Ave | | 0.1151 | | | | 4.7 | | 20.0 | | | |
| Tert-amyl methyl ether | 0.8311 1.1633 | 0.9459 | 0.9850 | 0.9541 | 0.9953 | Ave | | 0.9791 | | | | 11.0 | | 20.0 | | | |
| n-Heptane | 0.3005 0.4018 | 0.3343 | 0.4320 | 0.4005 | 0.3976 | Ave | | 0.3778 | | | | 13.1 | | 20.0 | | | |
| Trichloroethene | 0.2197 0.2520 | 0.2349 | 0.2600 | 0.2444 | 0.2394 | Ave | | 0.2417 | | | 0.2000 | 5.8 | | 20.0 | | | |
| n-Butanol | 0.0811 0.1215 | 0.1013 | 0.1201 | 0.1137 | 0.1181 | Ave | | 0.1093 | | | | 14.3 | | 20.0 | | | |
| Ethyl acrylate | 0.6216 0.7929 | 0.6990 | 0.7772 | 0.7475 | 0.7505 | Ave | | 0.7315 | | | | 8.6 | | 20.0 | | | |
| Methylcyclohexane | 0.3916 0.5125 | 0.4167 | 0.5186 | 0.4846 | 0.4765 | Ave | | 0.4667 | | | 0.1000 | 11.1 | | 20.0 | | | |
| 1,2-Dichloropropane | 0.2610 0.3031 | 0.2891 | 0.3065 | 0.2897 | 0.2926 | Ave | | 0.2903 | | | 0.1000 | 5.5 | | 20.0 | | | |
| Dibromomethane | 0.1716 0.1827 | 0.1756 | 0.1774 | 0.1698 | 0.1681 | Ave | | 0.1742 | | | | 3.1 | | 20.0 | | | |
| 1,4-Dioxane | 0.9432 0.8485 | 1.3112 | 1.3106 | 1.0759 | 1.0147 | Ave | | 1.0840 | | | | 17.7 | | 20.0 | | | |
| Methyl methacrylate | 0.0574 0.0680 | 0.0626 | 0.0631 | 0.0602 | 0.0631 | Ave | | 0.0624 | | | | 5.7 | | 20.0 | | | |
| n-Propyl acetate | 0.3746 0.4097 | 0.3995 | 0.4059 | 0.3955 | 0.3964 | Ave | | 0.3969 | | | | 3.1 | | 20.0 | | | |
| Dichlorobromomethane | 0.3037 0.3551 | 0.3171 | 0.3366 | 0.3272 | 0.3400 | Ave | | 0.3300 | | | 0.2000 | 5.5 | | 20.0 | | | |
| 2-Nitropropane | 0.0566 0.0764 | 0.0756 | 0.0724 | 0.0688 | 0.0729 | Ave | | 0.0704 | | | | 10.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 2-Chloroethyl vinyl ether | 0.1732 0.1860 | 0.1670 | 0.1761 | 0.1690 | 0.1771 | Ave | | 0.1747 | | | | 3.9 | | 20.0 | | | |
| Epichlorohydrin | 0.1901 0.2241 | 0.2046 | 0.2184 | 0.2085 | 0.2082 | Ave | | 0.2090 | | | | 5.6 | | 20.0 | | | |
| cis-1,3-Dichloropropene | 0.5324 0.7188 | 0.6266 | 0.6766 | 0.6469 | 0.6830 | Ave | | 0.6474 | | | 0.2000 | 10.0 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | 1.9173 2.3221 | 2.0558 | 2.2345 | 2.1442 | 2.1436 | Ave | | 2.1363 | | | 0.0500 | 6.6 | | 20.0 | | | |
| Toluene | 1.5206 1.7174 | 1.5314 | 1.6163 | 1.5236 | 1.6037 | Ave | | 1.5855 | | | 0.4000 | 4.9 | | 20.0 | | | |
| trans-1,3-Dichloropropene | 0.4697 0.6243 | 0.5293 | 0.5704 | 0.5454 | 0.5892 | Ave | | 0.5547 | | | 0.1000 | 9.6 | | 20.0 | | | |
| Ethyl methacrylate | 0.3873 0.3798 | 0.3432 | 0.3643 | 0.3490 | 0.3576 | Ave | | 0.3635 | | | | 4.8 | | 20.0 | | | |
| 1,1,2-Trichloroethane | 0.2934 0.3158 | 0.3034 | 0.3090 | 0.2846 | 0.2993 | Ave | | 0.3009 | | | 0.1000 | 3.7 | | 20.0 | | | |
| Tetrachloroethene | 0.2532 0.3236 | 0.2733 | 0.3134 | 0.2914 | 0.3046 | Ave | | 0.2933 | | | 0.2000 | 9.0 | | 20.0 | | | |
| 1,3-Dichloropropane | 0.5286 0.6093 | 0.5792 | 0.6076 | 0.5585 | 0.5791 | Ave | | 0.5771 | | | | 5.3 | | 20.0 | | | |
| 2-Hexanone | 1.2402 1.4869 | 1.3490 | 1.4011 | 1.3359 | 1.3731 | Ave | | 1.3644 | | | 0.0500 | 5.9 | | 20.0 | | | |
| Chlorodibromomethane | 0.2588 0.3816 | 0.2878 | 0.3175 | 0.3151 | 0.3471 | Ave | | 0.3180 | | | 0.1000 | 13.6 | | 20.0 | | | |
| Ethylene Dibromide | 0.2473 0.3495 | 0.3010 | 0.3187 | 0.3062 | 0.3153 | Ave | | 0.3063 | | | 0.1000 | 10.9 | | 20.0 | | | |
| n-Butyl acetate | 0.7034 0.7084 | 0.7182 | 0.7372 | 0.6712 | 0.6779 | Ave | | 0.7027 | | | | 3.5 | | 20.0 | | | |
| Chlorobenzene | 0.7317 1.0632 | 0.8635 | 0.9248 | 0.8837 | 0.9553 | Ave | | 0.9037 | | | 0.5000 | 12.1 | | 20.0 | | | |
| 1,1,1,2-Tetrachloroethane | 0.2791 0.3851 | 0.3343 | 0.3434 | 0.3333 | 0.3519 | Ave | | 0.3379 | | | | 10.2 | | 20.0 | | | |
| Ethylbenzene | 0.4424 0.5711 | 0.4878 | 0.5182 | 0.4908 | 0.5155 | Ave | | 0.5043 | | | 0.1000 | 8.4 | | 20.0 | | | |
| m-Xylene & p-Xylene | 0.5478 0.7165 | 0.5935 | 0.6342 | 0.6080 | 0.6411 | Ave | | 0.6235 | | | 0.1000 | 9.1 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| o-Xylene | 0.5214 0.7819 | 0.6156 | 0.6721 | 0.6416 | 0.6968 | Ave | | 0.6549 | | | 0.3000 | 13.3 | | 20.0 | | | |
| Styrene | 0.8204 1.3445 | 0.9389 | 1.0391 | 1.0049 | 1.1420 | Ave | | 1.0483 | | | 0.3000 | 17.2 | | 20.0 | | | |
| n-Butyl acrylate | 0.3073 0.3614 | 0.3256 | 0.3441 | 0.3239 | 0.3414 | Ave | | 0.3340 | | | | 5.7 | | 20.0 | | | |
| Bromoform | 0.1559 0.2434 | 0.1599 | 0.1873 | 0.1834 | 0.2149 | Ave | | 0.1908 | | | 0.1000 | 17.5 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | 1.5042 1.2596 | 1.5574 | 1.5718 | 1.4104 | 1.3304 | Ave | | 1.4390 | | | | 8.8 | | 20.0 | | | |
| (-)-a-Pinene | 0.4955 0.8987 | 0.5622 | 0.7888 | 0.8000 | 0.8496 | Qua2 | -0.274 | 0.7461 | 0.0003448 | | | | | | 0.9920 | | 0.9900 |
| Isopropylbenzene | 1.2966 1.9786 | 1.3860 | 1.6228 | 1.6180 | 1.8017 | Ave | | 1.6173 | | | 0.1000 | 15.7 | | 20.0 | | | |
| Bromobenzene | 0.5744 0.6717 | 0.6182 | 0.6559 | 0.6101 | 0.6322 | Ave | | 0.6271 | | | | 5.5 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.8673 0.8847 | 0.9469 | 0.9672 | 0.8824 | 0.8889 | Ave | | 0.9062 | | | 0.3000 | 4.5 | | 20.0 | | | |
| 1,2,3-Trichloropropane | 0.2230 0.2082 | 0.2480 | 0.2415 | 0.2209 | 0.2099 | Ave | | 0.2253 | | | | 7.2 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | 0.3031 0.2210 | 0.2624 | 0.2739 | 0.2448 | 0.2340 | Ave | | 0.2565 | | | | 11.6 | | 20.0 | | | |
| N-Propylbenzene | 0.6374 0.7691 | 0.7248 | 0.7870 | 0.7526 | 0.7723 | Ave | | 0.7406 | | | | 7.4 | | 20.0 | | | |
| 2-Chlorotoluene | 0.5322 0.6830 | 0.6577 | 0.6913 | 0.6570 | 0.6677 | Ave | | 0.6482 | | | | 9.0 | | 20.0 | | | |
| 4-Ethyltoluene | 2.3390 2.9517 | 2.7205 | 3.0310 | 2.8559 | 2.9682 | Ave | | 2.8110 | | | | 9.1 | | 20.0 | | | |
| 4-Chlorotoluene | 2.1876 2.8465 | 2.3133 | 2.5438 | 2.4234 | 2.6091 | Ave | | 2.4873 | | | | 9.4 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | 1.8741 2.8920 | 2.3493 | 2.6751 | 2.5571 | 2.7891 | Ave | | 2.5228 | | | | 14.6 | | 20.0 | | | |
| Butyl Methacrylate | 0.8190 0.9811 | 0.9613 | 1.0324 | 0.9904 | 0.9632 | Ave | | 0.9579 | | | | 7.6 | | 20.0 | | | |
| tert-Butylbenzene | 1.4884 2.4388 | 1.7195 | 2.0417 | 2.0188 | 2.2291 | Ave | | 1.9894 | | | | 17.2 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2,4-Trimethylbenzene | 2.1838 2.7955 | 2.4697 | 2.7318 | 2.6284 | 2.7862 | Ave | | 2.5992 | | | | 9.1 | | 20.0 | | | |
| sec-Butylbenzene | 2.4018 3.2363 | 2.9243 | 3.5152 | 3.3855 | 3.6774 | Ave | | 3.1901 | | | | 14.5 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.0298 1.3644 | 1.2412 | 1.3329 | 1.2421 | 1.2799 | Ave | | 1.2484 | | | 0.6000 | 9.4 | | 20.0 | | | |
| 4-Isopropyltoluene | 2.2142 3.1488 | 2.5360 | 2.9710 | 2.9398 | 3.2481 | Ave | | 2.8430 | | | | 13.8 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.2817 1.4944 | 1.2251 | 1.3353 | 1.2727 | 1.3863 | Ave | | 1.3326 | | | 0.5000 | 7.3 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | 2.1642 2.9260 | 2.6563 | 2.9183 | 2.8671 | 3.0809 | Ave | | 2.7688 | | | | 11.8 | | 20.0 | | | |
| Benzyl chloride | 0.2426 0.2856 | 0.2862 | 0.3076 | 0.2794 | 0.2855 | Ave | | 0.2812 | | | | 7.5 | | 20.0 | | | |
| Indan | 0.7536 1.1265 | 0.8342 | 0.9223 | 0.9481 | 1.0594 | Ave | | 0.9407 | | | | 14.7 | | 20.0 | | | |
| 1,2-Dichlorobenzene | 1.0951 1.5292 | 1.2382 | 1.3864 | 1.3535 | 1.5236 | Ave | | 1.3543 | | | 0.4000 | 12.4 | | 20.0 | | | |
| p-Diethylbenzene | 1.3221 1.9749 | 1.5492 | 1.7919 | 1.7491 | 2.0385 | Ave | | 1.7376 | | | | 15.4 | | 20.0 | | | |
| n-Butylbenzene | 1.3033 1.7677 | 1.4330 | 1.7536 | 1.6685 | 1.7625 | Ave | | 1.6147 | | | | 12.3 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | 2.0871 2.8717 | 2.5063 | 2.7736 | 2.7415 | 3.0922 | Ave | | 2.6787 | | | | 12.9 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.1540 0.2062 | 0.1677 | 0.1730 | 0.1678 | 0.1839 | Ave | | 0.1754 | | | 0.0500 | 10.2 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | 0.7610 1.0865 | 0.9452 | 1.0315 | 0.9511 | 1.0304 | Ave | | 0.9676 | | | | 11.8 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.7733 0.9921 | 0.9202 | 0.9941 | 0.9345 | 0.9415 | Ave | | 0.9259 | | | 0.2000 | 8.7 | | 20.0 | | | |
| Hexachlorobutadiene | 0.2547 +++++ | 0.3615 | 0.4385 | 0.3977 | 0.4611 | Lin2 | -0.179 | 0.4285 | | | | | | | 0.9950 | | 0.9900 |
| Naphthalene | 2.9034 2.5176 | 3.0164 | 3.0289 | 2.7915 | 2.6055 | Ave | | 2.8106 | | | | 7.6 | | 20.0 | | | |
| 1,2,3-Trichlorobenzene | 0.7786 0.9516 | 0.9179 | 0.9878 | 0.9214 | 0.9008 | Ave | | 0.9097 | | | | 7.8 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromofluoromethane (Surr) | 0.2720 0.2584 | 0.2744 | 0.2739 | 0.2729 | 0.2754 | Ave | | 0.2712 | | | | 2.4 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.3392 0.3067 | 0.3354 | 0.3418 | 0.3366 | 0.3327 | Ave | | 0.3321 | | | | 3.9 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.5357 1.4664 | 1.5365 | 1.5725 | 1.5563 | 1.5717 | Ave | | 1.5398 | | | | 2.6 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.6857 0.5398 | 0.6812 | 0.6704 | 0.6497 | 0.6366 | Ave | | 0.6439 | | | | 8.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 | Calibration End Date: 01/17/2025 08:51 | Calibration ID: 99864

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-1016958/3 | B19228.D |
| Level 2 | STD5 460-1016958/4 | B19229.D |
| Level 3 | STD20 460-1016958/5 | B19230.D |
| Level 4 | STD50 460-1016958/6 | B19231.D |
| Level 5 | STD200 460-1016958/7 | B19232.D |
| Level 6 | STD500 460-1016958/8 | B19233.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Dichlorodifluoromethane | FB | Ave | 5406<br>4316301 | 22988 | 125005 | 299393 | 1677106 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodifluoromethane | FB | Lin2 | 1856<br>515149 | 5138 | 21433 | 50745 | 197749 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloromethane | FB | Ave | 7116<br>4104089 | 32528 | 140733 | 357959 | 1600594 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl chloride | FB | Ave | 4312<br>3334060 | 23472 | 108524 | 271009 | 1307755 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butadiene | FB | Ave | 6412<br>3305476 | 21284 | 105845 | 264384 | 1288469 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromomethane | FB | Ave | 2579<br>1740491 | 17479 | 75423 | 180741 | 849170 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloroethane | FB | Ave | 3638<br>1616767 | 15086 | 67402 | 162459 | 749516 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorofluoromethane | FB | Ave | 8971<br>4981772 | 45360 | 211828 | 509667 | 2227179 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Pentane | FB | Ave | 14925<br>7533033 | 76473 | 330012 | 746152 | 3080277 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Trichlorofluoromethane | FB | Ave | 5319<br>3918972 | 27201 | 144973 | 369248 | 1642307 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethanol | TBAd9 | Ave | 485<br>360763 | 3814 | 13173 | 24313 | 109109 | 40.0<br>20000 | 200 | 800 | 2000 | 8000 |
| Ethyl ether | FB | Lin2 | 5308<br>2066371 | 17215 | 80886 | 187200 | 742308 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-1,3-butadiene | FB | Ave | 4778<br>2304408 | 22512 | 106634 | 233814 | 771196 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | 2913<br>1859248 | 11899 | 68798 | 168572 | 549376 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrolein | TBAd9 | Ave | 65991<br>541923 | 127186 | 260569 | 318405 | 366220 | 100<br>600 | 200 | 300 | 400 | 500 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | 4945<br>3318993 | 22484 | 134322 | 300666 | 1055739 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,1-Dichloroethene | FB | Ave | 2781<br>1710040 | 13808 | 63056 | 139991 | 613812 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | 2358<br>1901041 | 13407 | 64556 | 154796 | 672280 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acetone | BUT | Ave | 5778<br>3176810 | 31426 | 106007 | 270565 | 1281962 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Iodomethane | FB | Ave | 3449<br>2751238 | 21064 | 92027 | 225869 | 978884 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | 9757<br>7600152 | 56258 | 264654 | 631791 | 2665443 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl alcohol | TBAd9 | Ave | 3074<br>1928662 | 11629 | 59768 | 142243 | 694619 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| 3-Chloro-1-propene | FB | Ave | 3735<br>2680355 | 18039 | 96168 | 224381 | 997398 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acetonitrile | TBAd9 | Ave | 2068<br>745925 | 11030 | 37969 | 77735 | 383871 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methyl acetate | FB | Ave | 3174<br>3585707 | 26640 | 120879 | 287010 | 1247258 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Methylene Chloride | FB | Ave | 3770<br>2251814 | 19431 | 80882 | 184862 | 807408 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-2-propanol | TBAd9 | Ave | 3518<br>3371620 | 29634 | 122912 | 273170 | 1140671 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Acrylonitrile | TBAd9 | Ave | 13798<br>9151227 | 75773 | 311050 | 710819 | 3177689 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| trans-1,2-Dichloroethene | FB | Ave | 2866<br>2092533 | 15146 | 66786 | 156829 | 727929 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl tert-butyl ether | FB | Ave | 9906<br>6918180 | 53199 | 225447 | 529716 | 2429984 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexane | FB | Ave | 3806<br>2923534 | 20063 | 105081 | 243021 | 1072801 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloroethane | FB | Ave | 5464<br>3863238 | 30131 | 132668 | 317059 | 1419972 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl acetate | BUT | Ave | 1102<br>914665 | 6047 | 24778 | 50285 | 308573 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloro-1,3-butadiene | FB | Ave | 2355<br>1990006 | 13048 | 62921 | 145243 | 712038 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl ether | FB | Ave | 9928<br>7370396 | 57208 | 242545 | 574801 | 2712711 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-butyl ethyl ether | FB | Ave | 3870<br>2648790 | 20372 | 89649 | 208189 | 976139 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)  Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46  Calibration End Date: 01/17/2025 08:51  Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| cis-1,2-Dichloroethene | FB | Ave | 3192<br>2228262 | 17051 | 74142 | 173366 | 792888 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2,2-Dichloropropane | FB | Ave | 1977<br>995473 | 8279 | 34437 | 77243 | 348008 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Butanone (MEK) | BUT | Ave | 1992<br>1412274 | 10237 | 44854 | 103352 | 489019 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Propionitrile | BUT | Ave | 4211<br>3596309 | 31427 | 123426 | 265297 | 1266571 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Ethyl acetate | BUT | Ave | 8183<br>5324970 | 46366 | 197221 | 415228 | 1888052 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Methyl acrylate | FB | Ave | 4039<br>2609264 | 20965 | 84942 | 199024 | 928009 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobromomethane | FB | Ave | 1546<br>1166233 | 7738 | 32252 | 80056 | 394465 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methacrylonitrile | FB | Ave | 13416<br>10911823 | 75068 | 308421 | 735935 | 3691678 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Tetrahydrofuran | BUT | Ave | 3531<br>2039102 | 13756 | 63492 | 153645 | 701948 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Chloroform | FB | Ave | 5237<br>3688693 | 28472 | 122130 | 294084 | 1348199 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trichloroethane | FB | Ave | 4153<br>2910423 | 22246 | 99784 | 236496 | 1062345 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclohexane | FB | Ave | 4200<br>3014313 | 21180 | 105690 | 250304 | 1085836 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloropropene | FB | Ave | 3555<br>2781078 | 19659 | 91738 | 216299 | 1001515 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon tetrachloride | FB | Ave | 3014<br>2434083 | 16320 | 77324 | 190928 | 872757 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzene | CBNZd5 | Ave | 10913<br>8354459 | 59688 | 261477 | 619259 | 2912722 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isobutyl alcohol | TBAd9 | Ave | 2852<br>1723186 | 13000 | 56091 | 133624 | 578863 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| 1,2-Dichloroethane | FB | Ave | 4232<br>2984030 | 22875 | 93835 | 218870 | 1042734 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isooctane | FB | Ave | 9787<br>10276219 | 55968 | 309720 | 731127 | 3557242 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl acetate | FB | Ave | 1247<br>907730 | 6650 | 28977 | 67302 | 311015 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-amyl methyl ether | FB | Ave | 9653<br>8722245 | 54596 | 235273 | 566259 | 2763809 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2  GC Column: DB-624  ID: 0.18(mm)  Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46  Calibration End Date: 01/17/2025 08:51  Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| n-Heptane | FB | Ave | 3490<br>3012740 | 19294 | 103183 | 237689 | 1104134 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Trichloroethene | FB | Ave | 2552<br>1889415 | 13555 | 62110 | 145041 | 664808 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butanol | TBAd9 | Ave | 977<br>942910 | 6870 | 32562 | 73846 | 319070 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| Ethyl acrylate | FB | Ave | 7220<br>5945253 | 40341 | 185643 | 443673 | 2084017 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methylcyclohexane | FB | Ave | 4548<br>3842285 | 24053 | 123858 | 287627 | 1323323 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloropropane | FB | Ave | 3031<br>2272266 | 16687 | 73195 | 171923 | 812527 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromomethane | FB | Ave | 1993<br>1370009 | 10133 | 42363 | 100782 | 466836 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dioxane | DXE | Ave | 484<br>381022 | 3885 | 14499 | 30478 | 128114 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| Methyl methacrylate | FB | Ave | 1333<br>1019577 | 7223 | 30166 | 71480 | 350363 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| n-Propyl acetate | FB | Ave | 4351<br>3071794 | 23059 | 96950 | 234765 | 1100839 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorobromomethane | FB | Ave | 3528<br>2662453 | 18304 | 80406 | 194221 | 944214 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Nitropropane | FB | Ave | 1314<br>1144972 | 8726 | 34568 | 81622 | 404698 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloroethyl vinyl ether | FB | Ave | 2016<br>1397690 | 9662 | 42153 | 100573 | 493003 | 1.00<br>501 | 5.01 | 20.0 | 50.1 | 200 |
| Epichlorohydrin | BUT | Ave | 6557<br>4916354 | 37705 | 158505 | 370125 | 1667816 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | 3841<br>3455523 | 22285 | 100354 | 245901 | 1206768 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | 16530<br>12736051 | 94704 | 405420 | 951596 | 4293055 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Toluene | CBNZd5 | Ave | 10971<br>8256667 | 54461 | 239726 | 579130 | 2833519 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | 3389<br>3001524 | 18824 | 84599 | 207326 | 1040943 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethyl methacrylate | FB | Ave | 4499<br>2847589 | 19808 | 87005 | 207134 | 993005 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 | Calibration End Date: 01/17/2025 08:51 | Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | 2117<br>1518169 | 10788 | 45825 | 108190 | 528729 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tetrachloroethene | CBNZd5 | Ave | 1827<br>1555909 | 9718 | 46478 | 110784 | 538154 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichloropropane | CBNZd5 | Ave | 3814<br>2929388 | 20597 | 90119 | 212308 | 1023171 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Hexanone | BUT | Ave | 10692<br>8155088 | 62144 | 254215 | 592881 | 2749884 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Chlorodibromomethane | CBNZd5 | Ave | 1867<br>1834713 | 10236 | 47092 | 119786 | 613207 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylene Dibromide | CBNZd5 | Ave | 1784<br>1680040 | 10706 | 47274 | 116410 | 556988 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acetate | CBNZd5 | Ave | 5075<br>3405740 | 25540 | 109337 | 255147 | 1197742 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobenzene | CBNZd5 | Ave | 5279<br>5111416 | 30708 | 137168 | 335925 | 1687812 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | 2014<br>1851491 | 11889 | 50931 | 126701 | 621798 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylbenzene | CBNZd5 | Ave | 3192<br>2745694 | 17348 | 76853 | 186563 | 910766 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | 3952<br>3444545 | 21107 | 94063 | 231121 | 1132724 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| o-Xylene | CBNZd5 | Ave | 3762<br>3759056 | 21893 | 99689 | 243888 | 1231052 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Styrene | CBNZd5 | Ave | 5919<br>6464004 | 33390 | 154110 | 381997 | 2017613 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acrylate | CBNZd5 | Ave | 2217<br>1737663 | 11579 | 51031 | 123128 | 603228 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromoform | CBNZd5 | Ave | 1125 | 5687 | 27775 | 69706 | 379604 | 1.00 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 Calibration End Date: 01/17/2025 08:51 Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | | 1170342 | | | | | 500 | | | | |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | 5989<br>3919092 | 30231 | 127714 | 302509 | 1389307 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| (-)-a-Pinene | CBNZd5 | Qua2 | 3575<br>4320842 | 19995 | 116995 | 304095 | 1501017 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropylbenzene | CBNZd5 | Ave | 9355<br>9512282 | 49289 | 240682 | 615013 | 3183212 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromobenzene | DCBd4 | Ave | 2287<br>2089881 | 12001 | 53298 | 130857 | 660139 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | 3453<br>2752555 | 18381 | 78590 | 189266 | 928237 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | 888<br>647737 | 4814 | 19625 | 47377 | 219218 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | 1207<br>687529 | 5093 | 22258 | 52502 | 244353 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| N-Propylbenzene | DCBd4 | Ave | 2538<br>2393023 | 14070 | 63951 | 161424 | 806502 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Chlorotoluene | DCBd4 | Ave | 2119<br>2125189 | 12767 | 56171 | 140920 | 697279 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Ethyltoluene | DCBd4 | Ave | 9313<br>9183639 | 52808 | 246285 | 612540 | 3099517 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Chlorotoluene | DCBd4 | Ave | 8710<br>8856453 | 44905 | 206696 | 519784 | 2724526 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | 7462<br>8997955 | 45604 | 217365 | 548460 | 2912581 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butyl Methacrylate | DCBd4 | Ave | 3261<br>3052452 | 18661 | 83886 | 212427 | 1005868 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| tert-Butylbenzene | DCBd4 | Ave | 5926<br>7587963 | 33378 | 165899 | 433011 | 2327766 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | 8695<br>8697666 | 47941 | 221977 | 563760 | 2909498 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| sec-Butylbenzene | DCBd4 | Ave | 9563<br>10069374 | 56765 | 285626 | 726137 | 3840115 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 4100<br>4245232 | 24094 | 108302 | 266415 | 1336592 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Isopropyltoluene | DCBd4 | Ave | 8816<br>9796964 | 49228 | 241407 | 630537 | 3391826 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 5103<br>4649548 | 23780 | 108500 | 272977 | 1447633 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 | Calibration End Date: 01/17/2025 08:51 | Calibration ID: 99864

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | 8617<br>9103892 | 51562 | 237130 | 614961 | 3217285 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzyl chloride | DCBd4 | Ave | 966<br>888630 | 5556 | 24996 | 59926 | 298129 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Indan | FB | Ave | 8753<br>8446214 | 48148 | 220291 | 562695 | 2941787 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 4360<br>4757890 | 24035 | 112656 | 290299 | 1590997 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| p-Diethylbenzene | DCBd4 | Ave | 5264<br>6144619 | 30072 | 145602 | 375152 | 2128707 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butylbenzene | DCBd4 | Ave | 5189<br>5499827 | 27816 | 142486 | 357879 | 1840502 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | 8310<br>8934821 | 48650 | 225373 | 588012 | 3229098 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | 613<br>641544 | 3255 | 14057 | 35998 | 192057 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | 3030<br>3380548 | 18348 | 83815 | 204003 | 1075964 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | 3079<br>3086672 | 17863 | 80774 | 200433 | 983149 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexachlorobutadiene | DCBd4 | Lin2 | 1014<br>+++++ | 7017 | 35633 | 85304 | 481550 | 1.00<br>+++++ | 5.00 | 20.0 | 50.0 | 200 |
| Naphthalene | DCBd4 | Ave | 11560<br>7833247 | 58553 | 246113 | 598741 | 2720802 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | 3100<br>2960887 | 17817 | 80268 | 197618 | 940696 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromofluoromethane (Surr) | FB | Ave | 157937<br>193717 | 158365 | 163573 | 161988 | 191221 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 196970<br>229924 | 193568 | 204077 | 199793 | 231003 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 553989<br>704988 | 546416 | 583055 | 591571 | 694207 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | DCBd4 | Ave | 136517<br>167946 | 132222 | 136191 | 139362 | 166198 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:
Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua2 = Quadratic 1/conc^2 ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1016958

SDG No.:

Instrument ID: CVOAMS2 | GC Column: DB-624 | ID: 0.18(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 01/17/2025 06:46 | Calibration End Date: 01/17/2025 08:51 | Calibration ID: 99864

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-1016958/3 | B19228.D |
| Level 2 | STD5 460-1016958/4 | B19229.D |
| Level 3 | STD20 460-1016958/5 | B19230.D |
| Level 4 | STD50 460-1016958/6 | B19231.D |
| Level 5 | STD200 460-1016958/7 | B19232.D |
| Level 6 | STD500 460-1016958/8 | B19233.D |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # | LVL 2 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Chlorodifluoromethane | 0.3 | | | | | | 30 | | | | | |
| Ethyl ether | 0.9 | | | | | | 30 | | | | | |
| Hexachlorobutadiene | 1.3 | | | | | +++++ | 30 | | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jan-2025 06:46:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0185886-003
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:11:16 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 08:17:01

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.959 | 0.965 | -0.006 | 48 | 5406 | 1.00 | 0.9093 | |
| 2 Chlorodifluoromethane | 67 | 0.971 | 0.971 | 0.000 | 95 | 1856 | 1.00 | 1.00 | |
| 3 Chloromethane | 50 | 1.075 | 1.087 | -0.012 | 98 | 7116 | 1.00 | 1.05 | |
| 4 Vinyl chloride | 62 | 1.142 | 1.142 | 0.000 | 97 | 4312 | 1.00 | 0.8552 | |
| 5 Butadiene | 54 | 1.154 | 1.172 | -0.018 | 20 | 6412 | 1.00 | 1.22 | a |
| 6 Bromomethane | 94 | 1.349 | 1.349 | 0.000 | 85 | 2579 | 1.00 | 0.7915 | |
| 7 Chloroethane | 64 | 1.380 | 1.374 | 0.006 | 47 | 3638 | 1.00 | 1.16 | |
| 9 Dichlorofluoromethane | 67 | 1.520 | 1.532 | -0.012 | 70 | 8971 | 1.00 | 0.9715 | a |
| 8 Pentane | 43 | 1.526 | 1.538 | -0.012 | 96 | 14925 | 2.00 | 2.09 | a |
| 10 Trichlorofluoromethane | 101 | 1.550 | 1.563 | -0.013 | 46 | 5319 | 1.00 | 0.8396 | a |
| 12 Ethanol | 46 | 1.678 | 1.666 | 0.012 | 55 | 485 | 40.0 | 35.9 | Ma |
| 11 Ethyl ether | 59 | 1.666 | 1.678 | -0.012 | 72 | 5308 | 1.00 | 1.01 | a |
| 13 2-Methyl-1,3-butadiene | 53 | 1.764 | 1.691 | 0.073 | 71 | 4778 | 1.00 | 1.11 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 54 | 2913 | 1.00 | 1.02 | a |
| 16 Acrolein | 56 | 1.770 | 1.764 | 0.006 | 96 | 65991 | 100.0 | 96.8 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.782 | 1.776 | 0.006 | 43 | 4945 | 1.00 | 0.9436 | a |
| 17 1,1-Dichloroethene | 96 | 1.819 | 1.819 | 0.000 | 88 | 2781 | 1.00 | 1.01 | a |
| 19 Acetone | 43 | 1.874 | 1.867 | 0.007 | 20 | 5778 | 5.00 | 5.34 | a |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.861 | 1.867 | -0.006 | 36 | 2358 | 1.00 | 0.8331 | |
| 20 Iodomethane | 142 | 1.916 | 1.941 | -0.025 | 96 | 3449 | 1.00 | 0.8298 | a |
| 21 Carbon disulfide | 76 | 1.959 | 1.965 | -0.006 | 74 | 9757 | 1.00 | 0.8456 | |
| 22 Isopropyl alcohol | 45 | 1.971 | 1.995 | -0.024 | 24 | 3074 | 10.0 | 11.2 | M |
| 24 3-Chloro-1-propene | 39 | 2.069 | 2.069 | 0.000 | 92 | 3735 | 1.00 | 0.9052 | |
| 23 Acetonitrile | 40 | 2.063 | 2.075 | -0.012 | 78 | 2068 | 10.0 | 12.4 | Ma |
| 25 Methyl acetate | 43 | 2.099 | 2.093 | 0.006 | 99 | 3174 | 2.00 | 1.24 | |
| 27 Methylene Chloride | 84 | 2.172 | 2.160 | 0.012 | 97 | 3770 | 1.00 | 1.02 | |
| * 28 TBA-d9 (IS) | 65 | 2.221 | 2.239 | -0.018 | 0 | 481705 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.270 | 2.288 | -0.018 | 31 | 3518 | 10.0 | 7.13 | |
| 29 Acrylonitrile | 53 | 2.331 | 2.337 | -0.006 | 97 | 13798 | 10.0 | 10.0 | M |
| 30 trans-1,2-Dichloroethene | 96 | 2.343 | 2.349 | -0.006 | 88 | 2866 | 1.00 | 0.9286 | M |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.380 | 2.373 | 0.007 | 68 | 9906 | 1.00 | 0.9461 | M |
| 32 Hexane | 57 | 2.569 | 2.562 | 0.007 | 85 | 3806 | 1.00 | 0.8545 | |
| 33 1,1-Dichloroethane | 63 | 2.672 | 2.666 | 0.006 | 98 | 5464 | 1.00 | 0.9079 | M |
| 34 Vinyl acetate | 86 | 2.721 | 2.727 | -0.006 | 100 | 1102 | 2.00 | 1.85 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.745 | 2.733 | 0.012 | 68 | 2355 | 1.00 | 0.8339 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.757 | -0.006 | 69 | 9928 | 1.00 | 0.8858 | |
| 37 Tert-butyl ethyl ether | 87 | 3.044 | 3.050 | -0.006 | 40 | 3870 | 1.00 | 0.9443 | M |
| * 38 2-Butanone-d5 | 46 | 3.129 | 3.123 | 0.006 | 0 | 431074 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.148 | 3.148 | 0.000 | 91 | 3192 | 1.00 | 0.9393 | |
| 40 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 47 | 1977 | 1.00 | 1.21 | a |
| 41 2-Butanone (MEK) | 72 | 3.178 | 3.172 | 0.006 | 50 | 1992 | 5.00 | 4.83 | Ma |
| 42 Propionitrile | 54 | 3.215 | 3.221 | -0.006 | 45 | 4211 | 10.0 | 7.84 | |
| 43 Ethyl acetate | 43 | 3.239 | 3.245 | -0.006 | 57 | 8183 | 2.00 | 1.93 | |
| 44 Methyl acrylate | 55 | 3.276 | 3.263 | 0.013 | 57 | 4039 | 1.00 | 1.00 | a |
| 45 Chlorobromomethane | 128 | 3.343 | 3.349 | -0.006 | 54 | 1546 | 1.00 | 0.9568 | M |
| 46 Methacrylonitrile | 67 | 3.361 | 3.355 | 0.006 | 90 | 13416 | 10.0 | 8.92 | |
| 47 Tetrahydrofuran | 42 | 3.416 | 3.410 | 0.006 | 34 | 3531 | 2.00 | 2.31 | M |
| 48 Chloroform | 83 | 3.434 | 3.440 | -0.006 | 97 | 5237 | 1.00 | 0.9238 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.581 | 3.580 | 0.001 | 94 | 157937 | 50.0 | 50.1 | |
| 50 1,1,1-Trichloroethane | 97 | 3.605 | 3.599 | 0.006 | 35 | 4153 | 1.00 | 0.9208 | M |
| 51 Cyclohexane | 84 | 3.666 | 3.660 | 0.006 | 91 | 4200 | 1.00 | 0.9094 | |
| 52 1,1-Dichloropropene | 75 | 3.751 | 3.745 | 0.006 | 89 | 3555 | 1.00 | 0.8635 | |
| 53 Carbon tetrachloride | 117 | 3.745 | 3.751 | -0.006 | 71 | 3014 | 1.00 | 0.8524 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.891 | 3.891 | 0.000 | 0 | 196970 | 50.0 | 51.1 | |
| 55 Benzene | 78 | 3.940 | 3.940 | 0.000 | 93 | 10913 | 1.00 | 0.9103 | |
| 56 Isobutyl alcohol | 42 | 3.952 | 3.946 | 0.006 | 43 | 2852 | 25.0 | 27.8 | Ma |
| 57 1,2-Dichloroethane | 62 | 3.965 | 3.965 | 0.000 | 95 | 4232 | 1.00 | 0.9522 | |
| 58 Isooctane | 57 | 4.050 | 4.056 | -0.006 | 94 | 9787 | 1.00 | 0.7230 | |
| 60 Tert-amyl methyl ether | 73 | 4.099 | 4.093 | 0.006 | 79 | 9653 | 1.00 | 0.8488 | |
| 59 Isopropyl acetate | 61 | 4.087 | 4.093 | -0.006 | 92 | 1247 | 1.00 | 0.9331 | |
| * 61 Fluorobenzene | 96 | 4.233 | 4.233 | 0.000 | 97 | 580754 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.269 | 4.257 | 0.012 | 36 | 3490 | 1.00 | 0.7954 | a |
| 63 Trichloroethene | 95 | 4.623 | 4.617 | 0.006 | 91 | 2552 | 1.00 | 0.9089 | |
| 64 n-Butanol | 43 | 4.647 | 4.635 | 0.012 | 63 | 977 | 25.0 | 18.6 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.812 | -0.006 | 86 | 7220 | 1.00 | 0.8498 | |
| 66 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 83 | 4548 | 1.00 | 0.8389 | |
| 67 1,2-Dichloropropane | 63 | 4.855 | 4.861 | -0.006 | 94 | 3031 | 1.00 | 0.8989 | M |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 25657 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.989 | 4.983 | 0.006 | 34 | 1993 | 1.00 | 0.9850 | |
| 70 1,4-Dioxane | 88 | 5.050 | 5.044 | 0.006 | 28 | 484 | 20.0 | 17.4 | a |
| 71 Methyl methacrylate | 100 | 5.056 | 5.062 | -0.006 | 93 | 1333 | 2.00 | 1.84 | M |
| 72 n-Propyl acetate | 43 | 5.159 | 5.147 | 0.012 | 97 | 4351 | 1.00 | 0.9437 | M |
| 73 Dichlorobromomethane | 83 | 5.196 | 5.190 | 0.006 | 96 | 3528 | 1.00 | 0.9205 | |
| 74 2-Nitropropane | 41 | 5.483 | 5.476 | 0.007 | 70 | 1314 | 2.00 | 1.61 | M |
| 75 2-Chloroethyl vinyl ether | 63 | 5.586 | 5.598 | -0.012 | 85 | 2016 | 1.00 | 0.99 | a |
| 76 Epichlorohydrin | 57 | 5.635 | 5.641 | -0.006 | 98 | 6557 | 20.0 | 18.2 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.739 | 5.732 | 0.007 | 95 | 3841 | 1.00 | 0.8224 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.983 | 5.976 | 0.006 | 98 | 16530 | 5.00 | 4.49 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.062 | 6.062 | 0.000 | 98 | 553989 | 50.0 | 49.9 | |
| 80 Toluene | 91 | 6.147 | 6.147 | 0.000 | 90 | 10971 | 1.00 | 0.9591 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.470 | 6.470 | 0.000 | 98 | 3389 | 1.00 | 0.8468 | |
| 82 Ethyl methacrylate | 69 | 6.665 | 6.671 | -0.006 | 84 | 4499 | 1.00 | 1.07 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.702 | 6.702 | 0.000 | 91 | 2117 | 1.00 | 0.9752 | |
| 84 Tetrachloroethene | 166 | 6.848 | 6.848 | 0.000 | 91 | 1827 | 1.00 | 0.8635 | |
| 85 1,3-Dichloropropane | 76 | 6.897 | 6.903 | -0.006 | 92 | 3814 | 1.00 | 0.9161 | |
| 86 2-Hexanone | 43 | 7.074 | 7.068 | 0.006 | 98 | 10692 | 5.00 | 4.54 | |
| 87 Chlorodibromomethane | 129 | 7.159 | 7.153 | 0.006 | 94 | 1867 | 1.00 | 0.8138 | |
| 88 Ethylene Dibromide | 107 | 7.251 | 7.250 | 0.001 | 42 | 1784 | 1.00 | 0.8072 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | 0.000 | 98 | 5075 | 1.00 | 1.00 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 91 | 360739 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.787 | 7.787 | 0.000 | 92 | 5279 | 1.00 | 0.8097 | a |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 89 | 2014 | 1.00 | 0.8262 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 3192 | 1.00 | 0.8773 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 3952 | 1.00 | 0.8785 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 92 | 3762 | 1.00 | 0.7962 | |
| 96 Styrene | 104 | 8.415 | 8.409 | 0.006 | 92 | 5919 | 1.00 | 0.7826 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 95 | 2217 | 1.00 | 0.9201 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 88 | 1125 | 1.00 | 0.8173 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.647 | 8.640 | 0.007 | 90 | 5989 | 1.00 | 1.05 | |
| 439 (-)-a-Pinene | 93 | 8.701 | 8.701 | 0.000 | 95 | 3575 | 1.00 | 1.03 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 95 | 9355 | 1.00 | 0.8018 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 81 | 136517 | 50.0 | 53.2 | |
| 102 Bromobenzene | 156 | 8.945 | 8.939 | 0.006 | 95 | 2287 | 1.00 | 0.9160 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.988 | 8.982 | 0.006 | 97 | 3453 | 1.00 | 0.9570 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 96 | 888 | 1.00 | 0.99 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 85 | 1207 | 1.00 | 1.18 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 2538 | 1.00 | 0.8608 | |
| 107 2-Chlorotoluene | 126 | 9.110 | 9.110 | 0.000 | 96 | 2119 | 1.00 | 0.8211 | |
| 108 4-Ethyltoluene | 105 | 9.159 | 9.159 | 0.000 | 98 | 9313 | 1.00 | 0.8321 | |
| 109 4-Chlorotoluene | 91 | 9.201 | 9.201 | 0.000 | 98 | 8710 | 1.00 | 0.8795 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.214 | 9.214 | 0.000 | 91 | 7462 | 1.00 | 0.7429 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 91 | 3261 | 1.00 | 0.8550 | |
| 112 tert-Butylbenzene | 119 | 9.457 | 9.457 | 0.000 | 91 | 5926 | 1.00 | 0.7482 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.494 | 9.494 | 0.000 | 97 | 8695 | 1.00 | 0.8402 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.628 | -0.006 | 98 | 9563 | 1.00 | 0.7529 | |
| 115 1,3-Dichlorobenzene | 146 | 9.689 | 9.683 | 0.006 | 91 | 4100 | 1.00 | 0.8249 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 98 | 199077 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.744 | -0.006 | 85 | 8816 | 1.00 | 0.7788 | |
| 118 1,4-Dichlorobenzene | 146 | 9.756 | 9.750 | 0.006 | 87 | 5103 | 1.00 | 0.9618 | a |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 98 | 8617 | 1.00 | 0.7816 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 97 | 966 | 1.00 | 0.8629 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 8753 | 1.00 | 0.8011 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 89 | 4360 | 1.00 | 0.8086 | |
| 122 p-Diethylbenzene | 119 | 10.024 | 10.024 | 0.000 | 90 | 5264 | 1.00 | 0.7609 | |
| 124 n-Butylbenzene | 92 | 10.037 | 10.037 | 0.000 | 96 | 5189 | 1.00 | 0.8071 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 8310 | 1.00 | 0.7791 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 34 | 613 | 1.00 | 0.8776 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.719 | 10.719 | 0.000 | 92 | 3030 | 1.00 | 0.7865 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 92 | 3079 | 1.00 | 0.8352 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 81 | 1014 | 1.00 | 1.01 | |
| 130 Naphthalene | 128 | 11.299 | 11.298 | 0.001 | 98 | 11560 | 1.00 | 1.03 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 90 | 3100 | 1.00 | 0.8559 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.87 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 2.00 | 1.67 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 2.00 | 1.67 | |
| S 135 Total BTEX | 1 | | | | 0 | | 5.00 | 4.42 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00029 | Amount Added: | 1.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 1.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 10.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 1.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 16:11:16 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D

Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2 Operator ID:

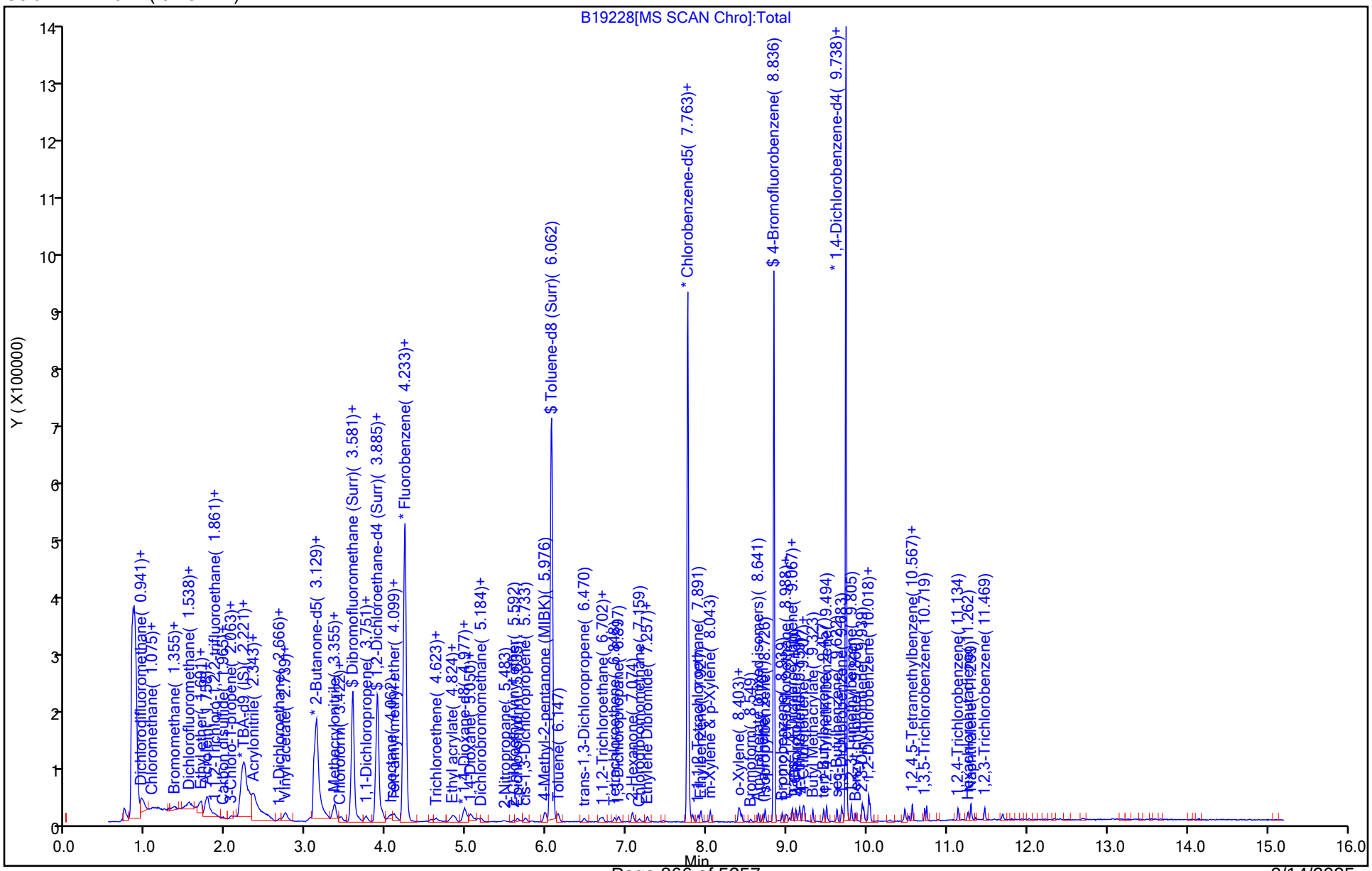
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

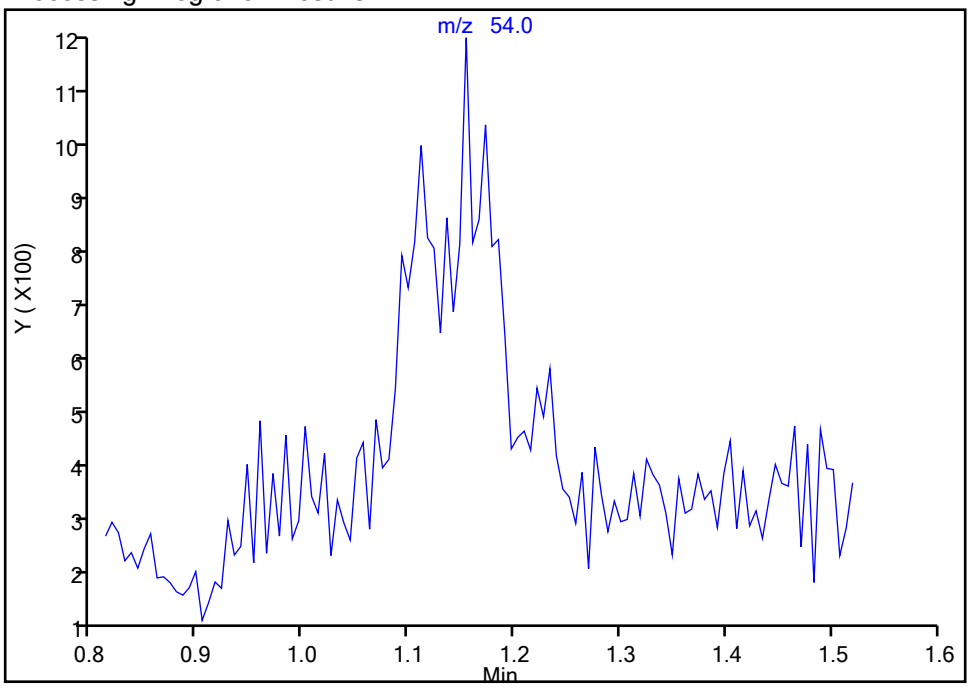
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Butadiene, CAS: 106-99-0

Signal: 1

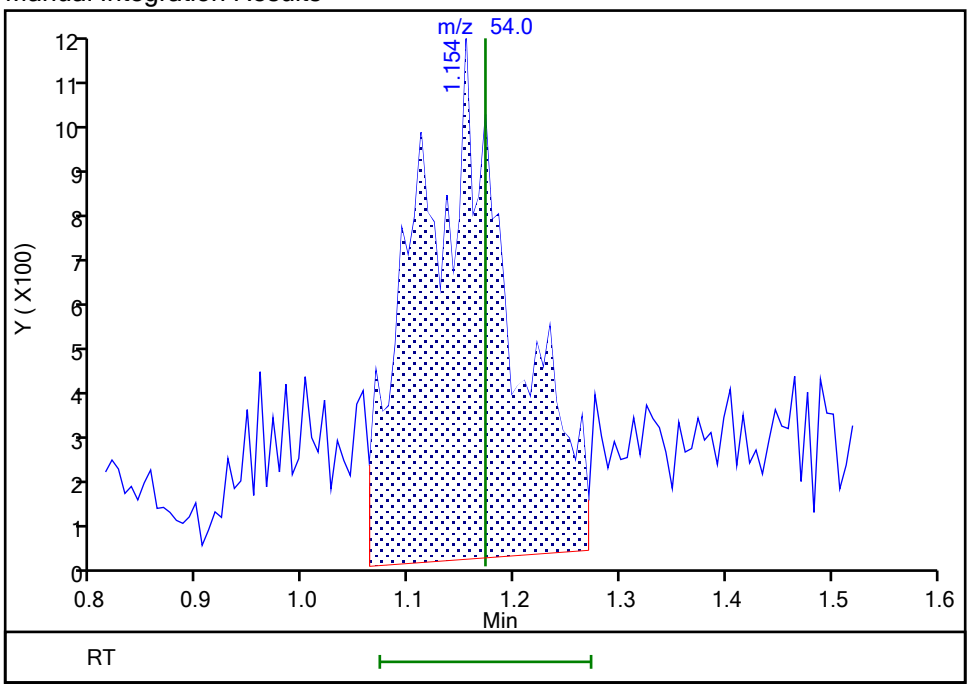
Not Detected
Expected RT: 1.17

Processing Integration Results




Manual Integration Results

RT: 1.15
Area: 6412
Amount: 1.220314
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:40:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

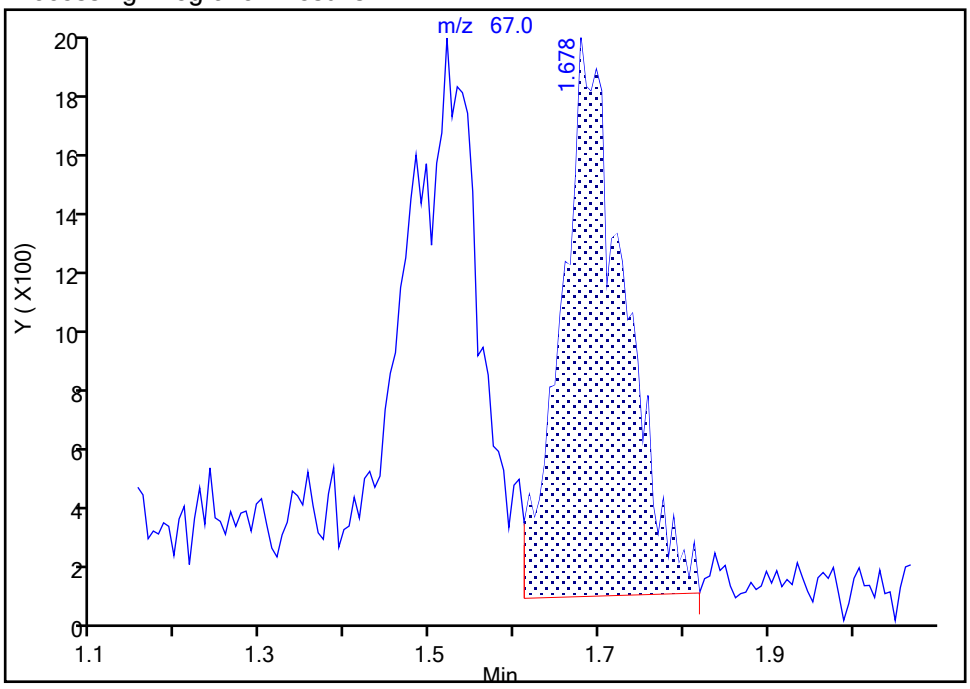
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 9 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

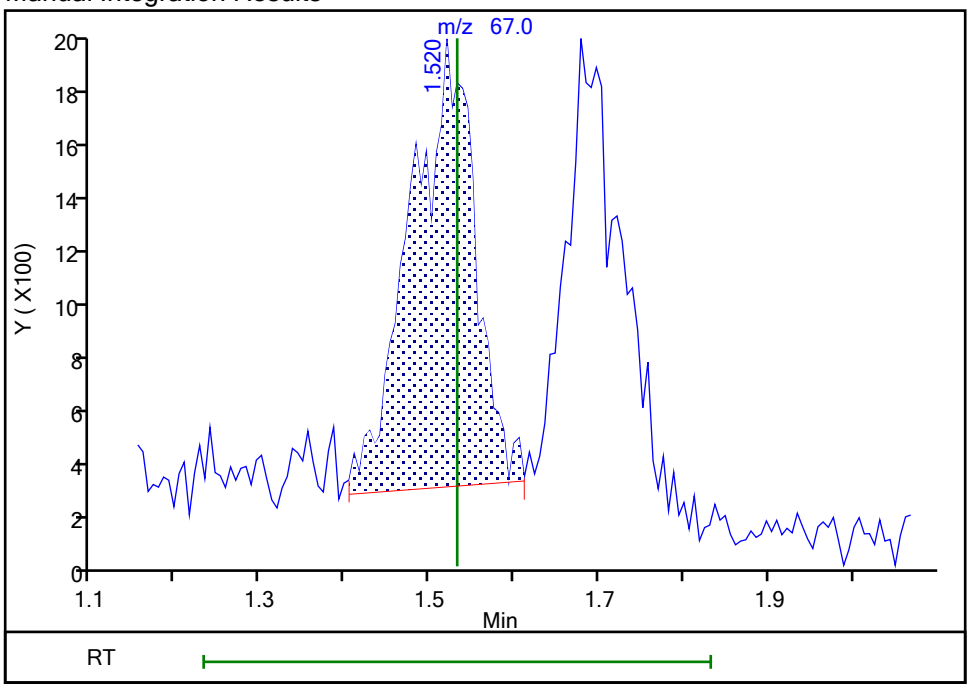
Processing Integration Results

RT: 1.68
Area: 9789
Amount: 1.044612
Amount Units: ug/l




Manual Integration Results

RT: 1.52
Area: 8971
Amount: 0.971455
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

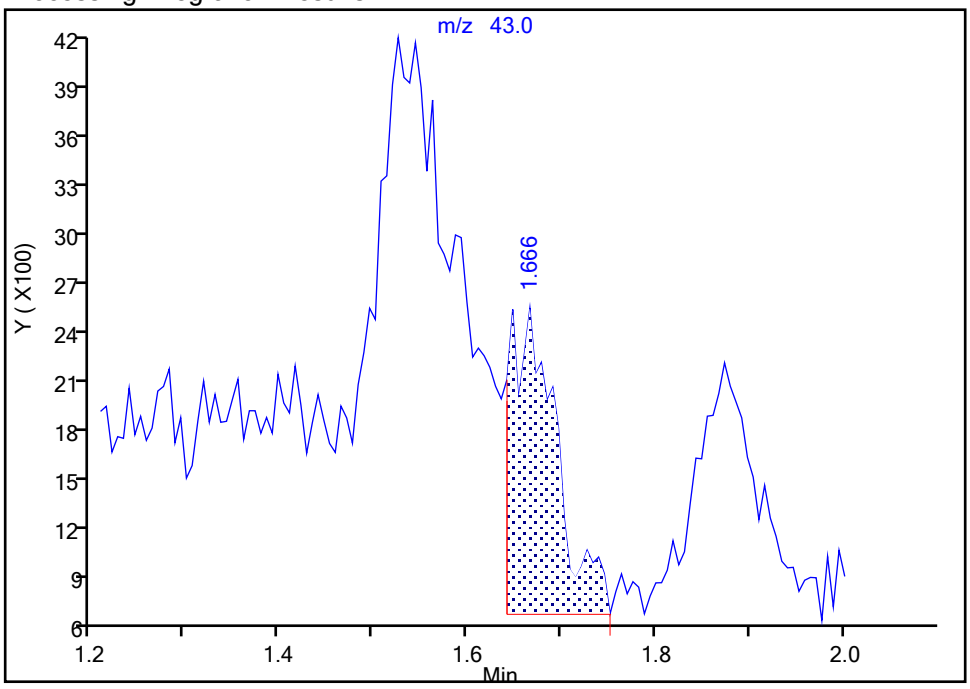
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 8 Pentane, CAS: 109-66-0

Signal: 1

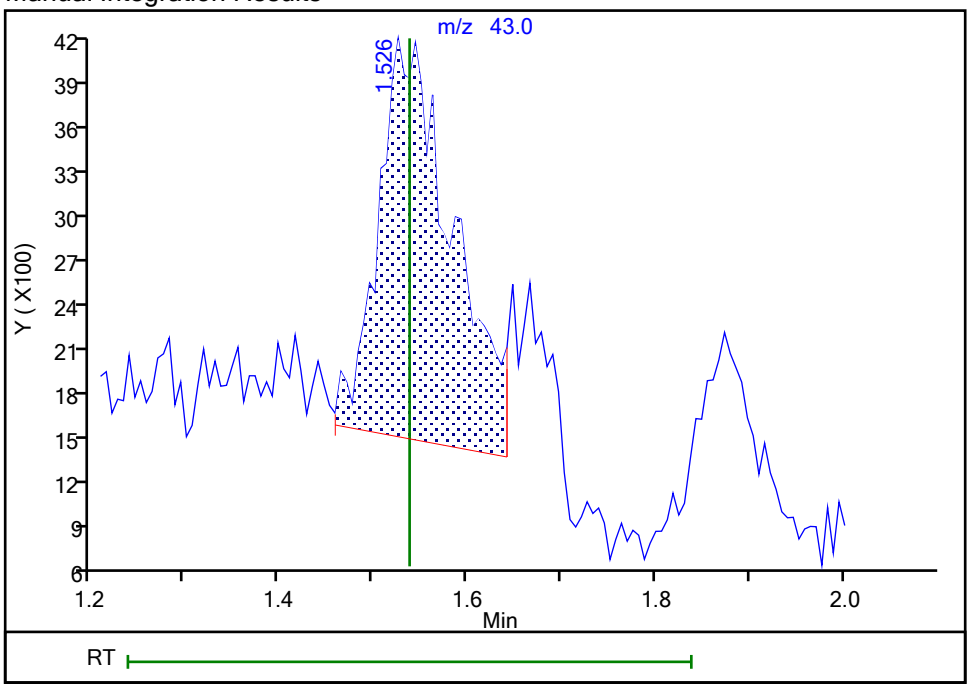
Processing Integration Results

RT: 1.67
Area: 6354
Amount: 0.990908
Amount Units: ug/l




Manual Integration Results

RT: 1.53
Area: 14925
Amount: 2.094281
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

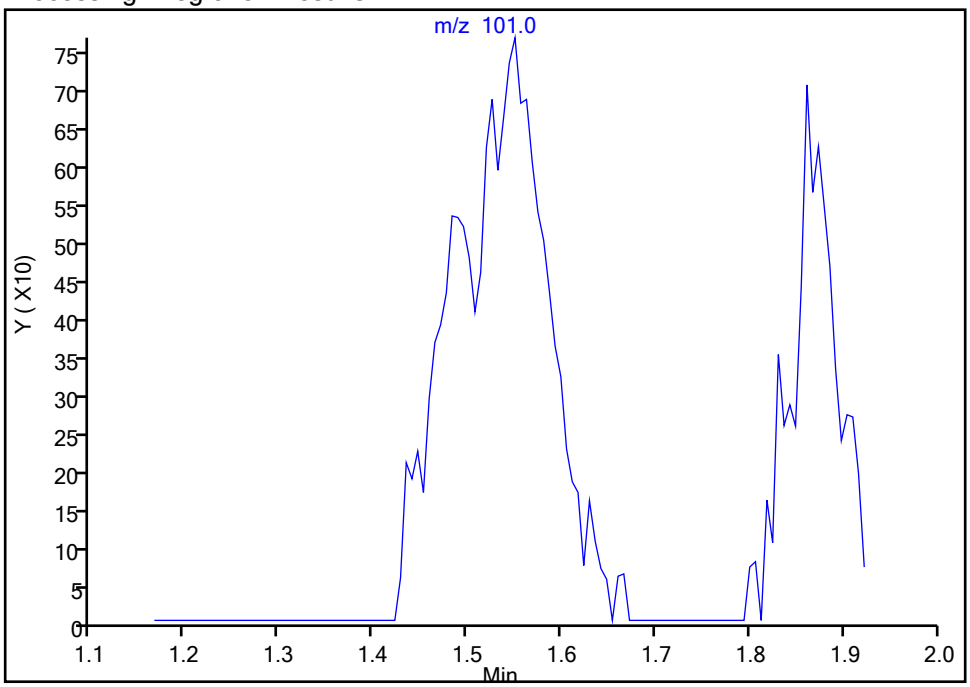
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

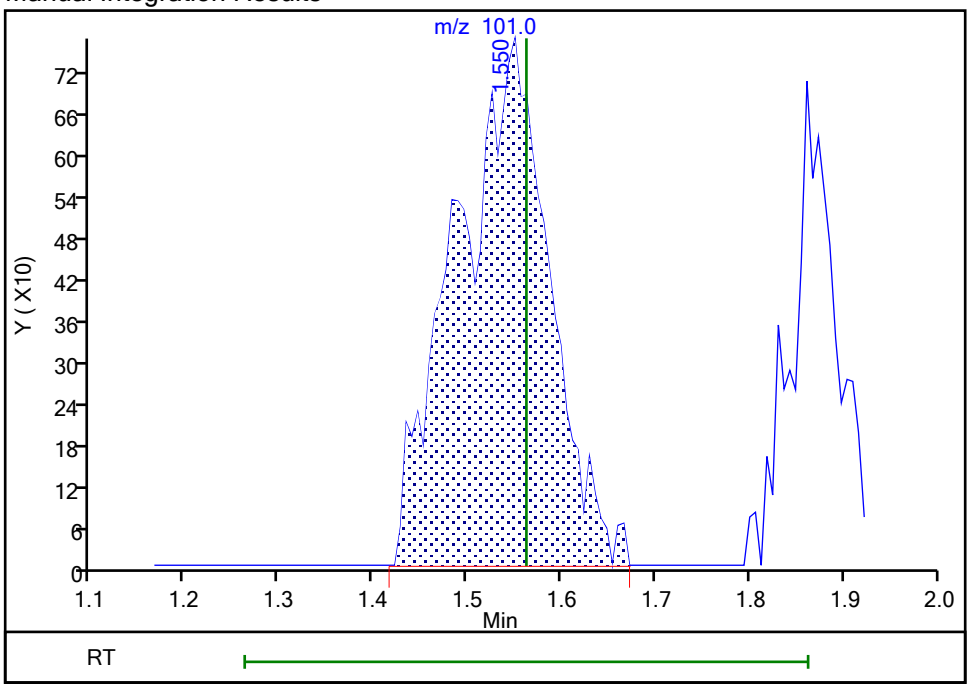
Not Detected
Expected RT: 1.56

Processing Integration Results




Manual Integration Results

RT: 1.55
Area: 5319
Amount: 0.839635
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

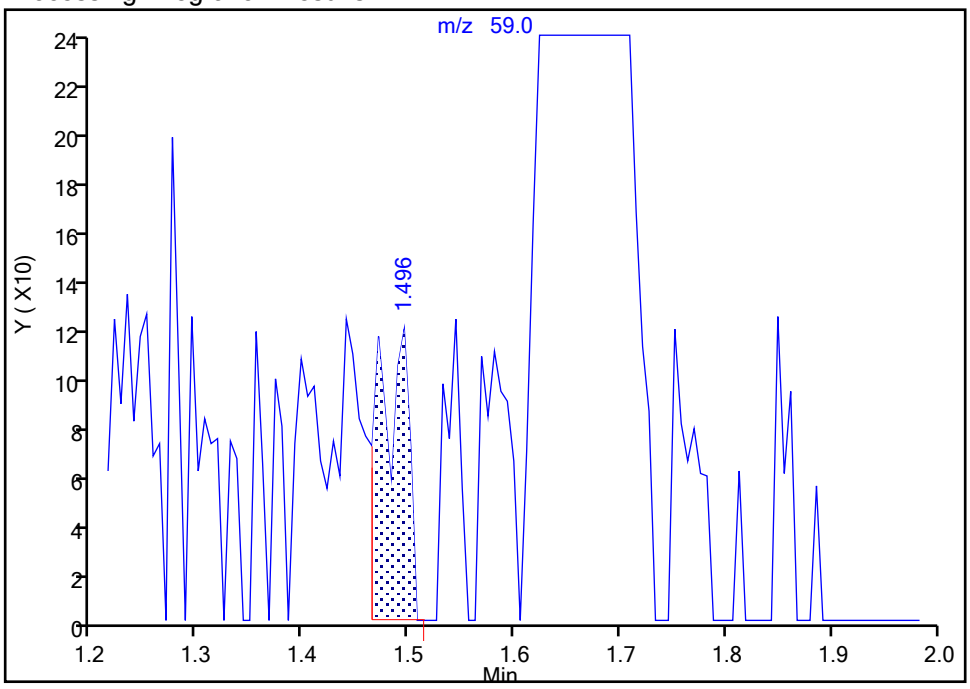
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 11 Ethyl ether, CAS: 60-29-7

Signal: 1

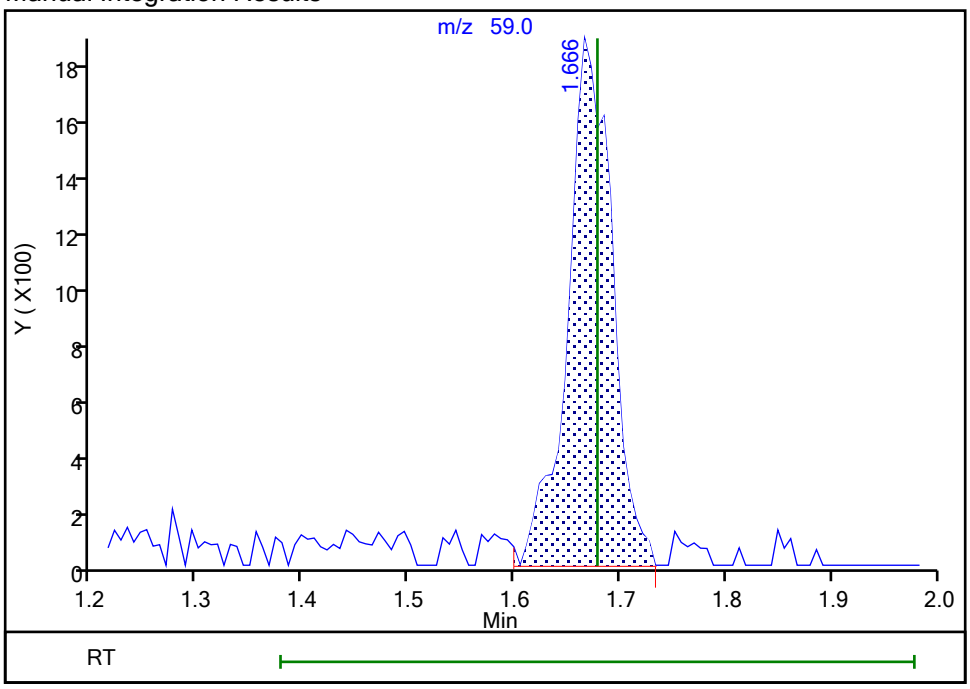
Processing Integration Results

RT: 1.50
Area: 224
Amount: 0.076402
Amount Units: ug/l




Manual Integration Results

RT: 1.67
Area: 5308
Amount: 1.009368
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

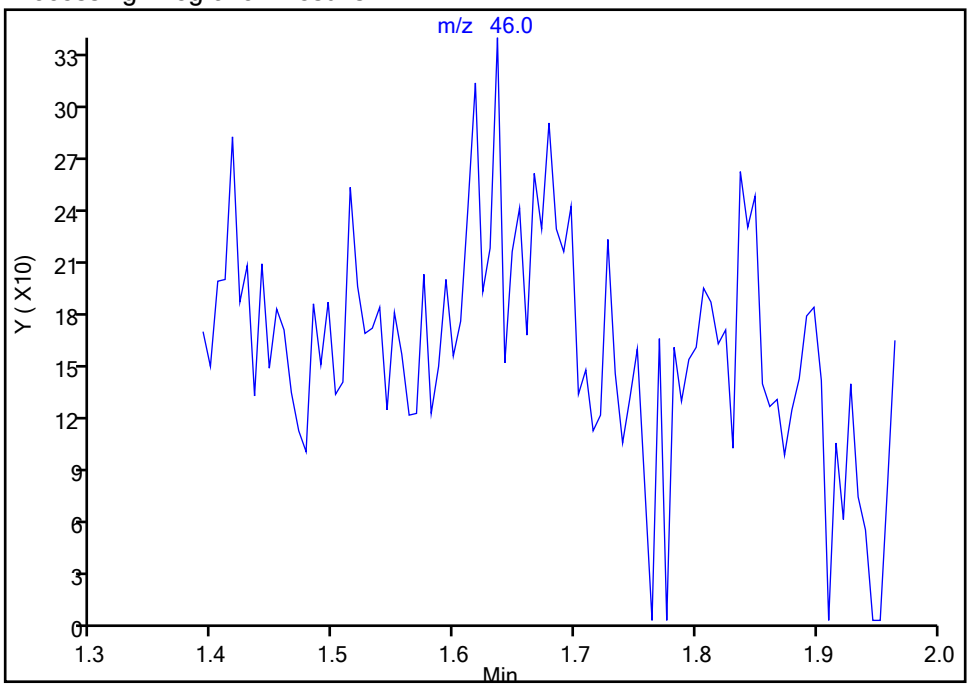
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 12 Ethanol, CAS: 64-17-5

Signal: 1

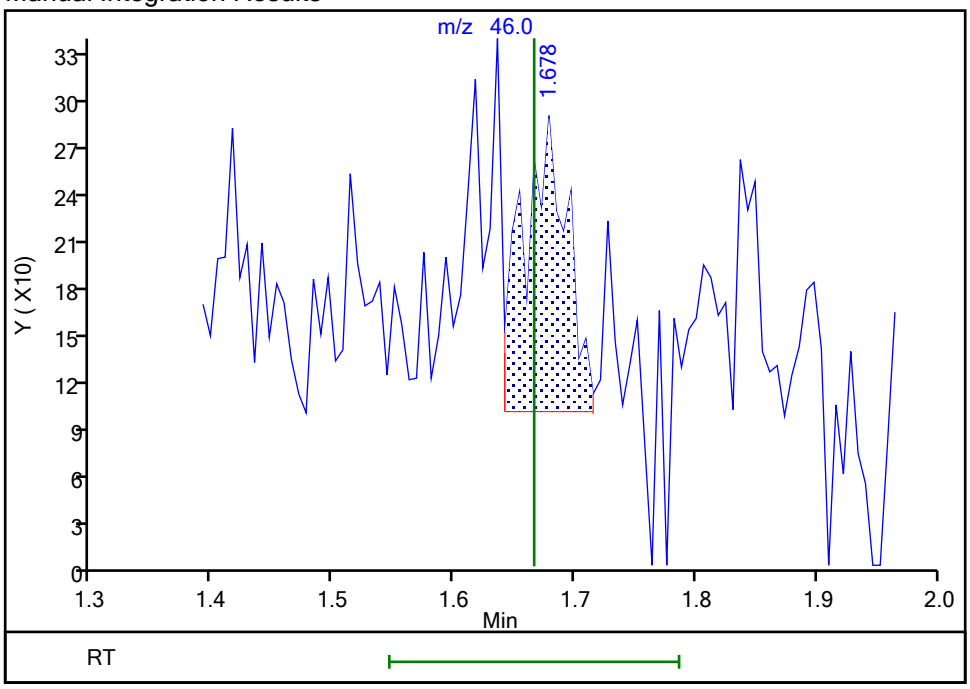
Not Detected
Expected RT: 1.67

Processing Integration Results




Manual Integration Results

RT: 1.68
Area: 485
Amount: 35.874030
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:54:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

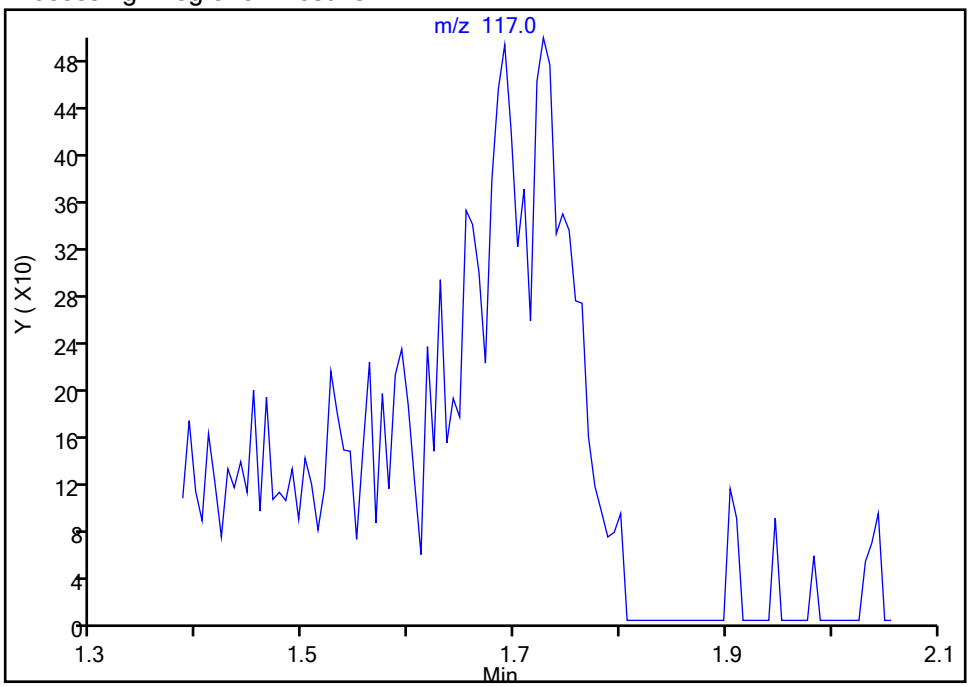
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

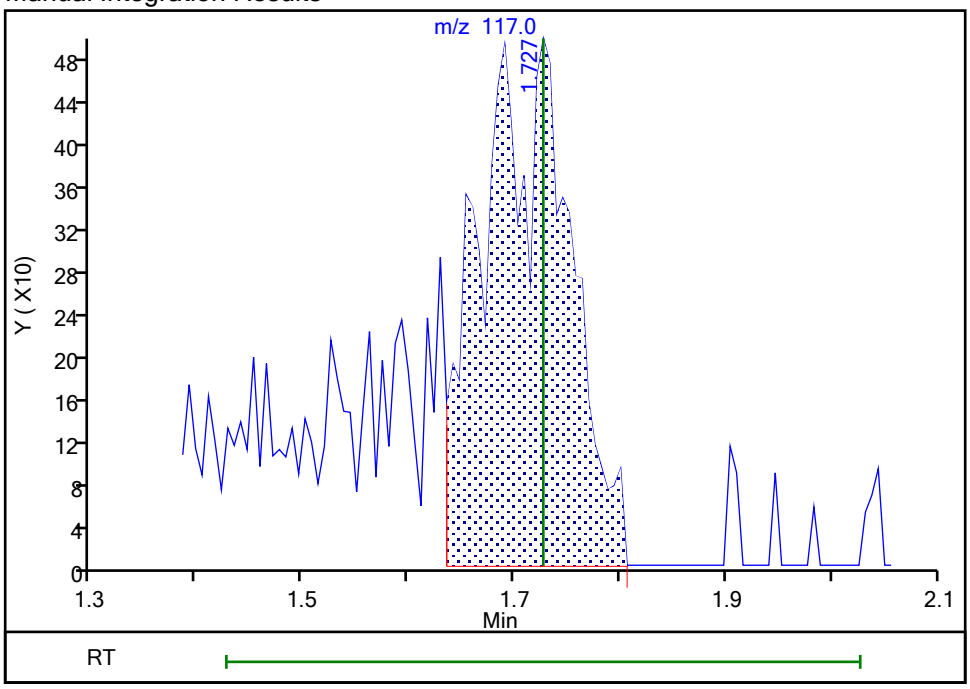
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.73
Area: 2913
Amount: 1.020302
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

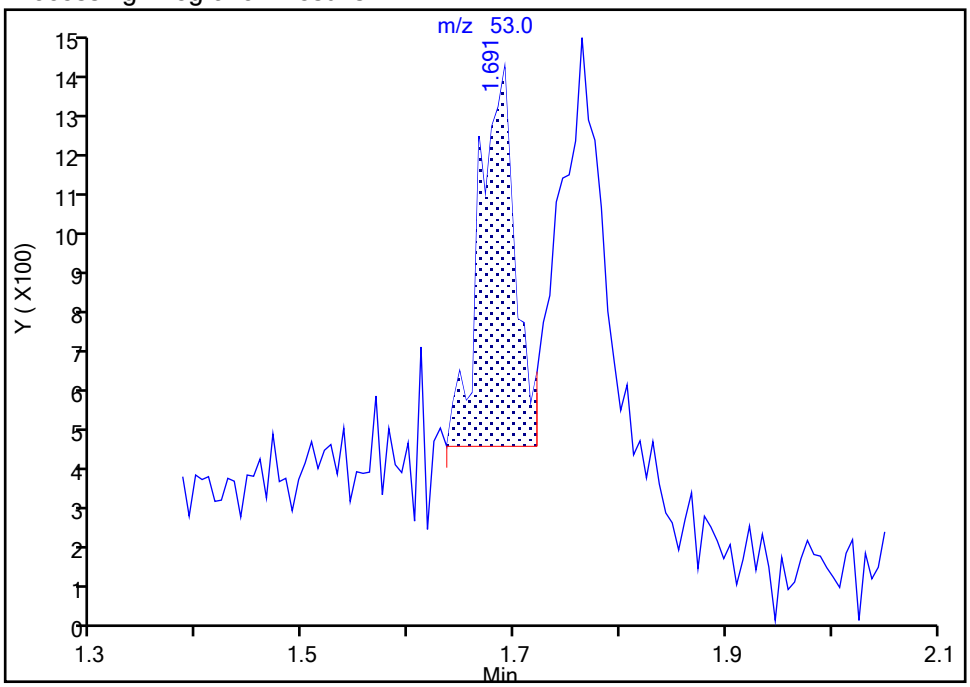
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

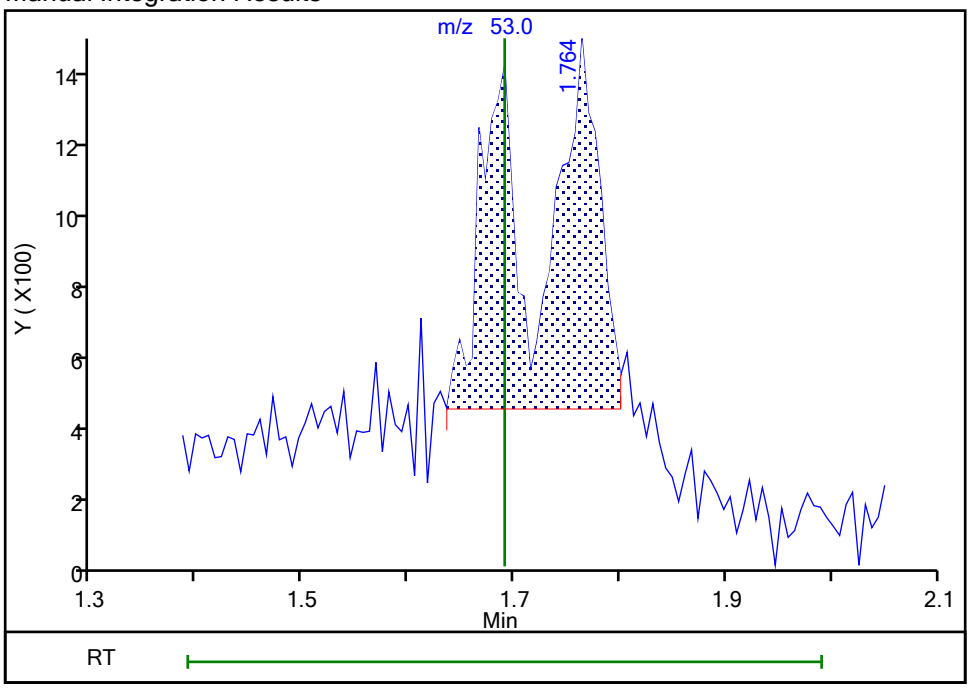
Processing Integration Results

RT: 1.69
Area: 2168
Amount: 0.665681
Amount Units: ug/l




Manual Integration Results

RT: 1.76
Area: 4778
Amount: 1.108363
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:57:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

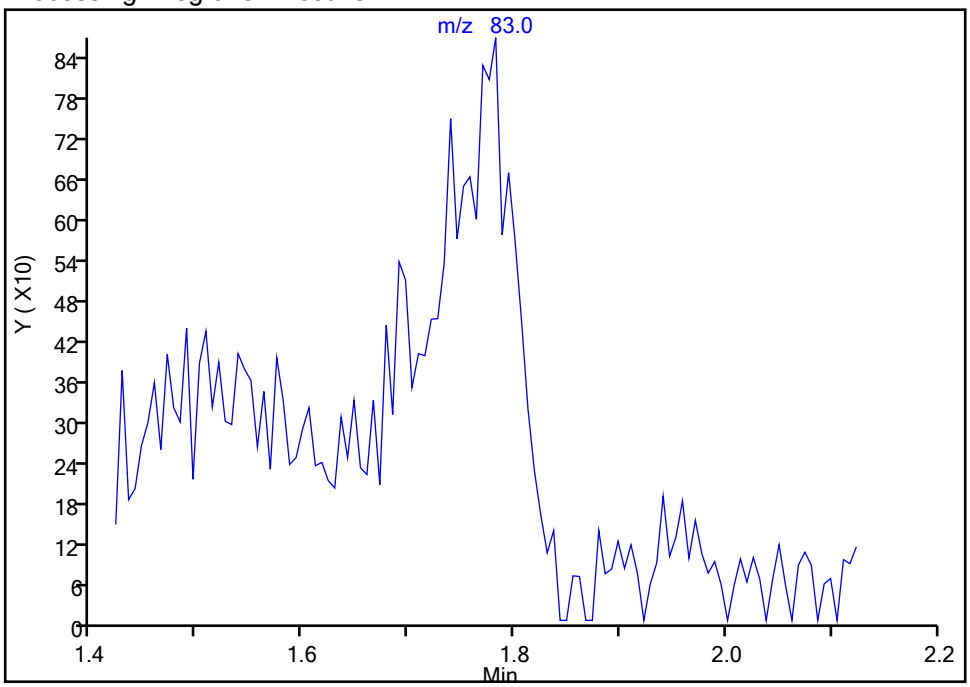
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

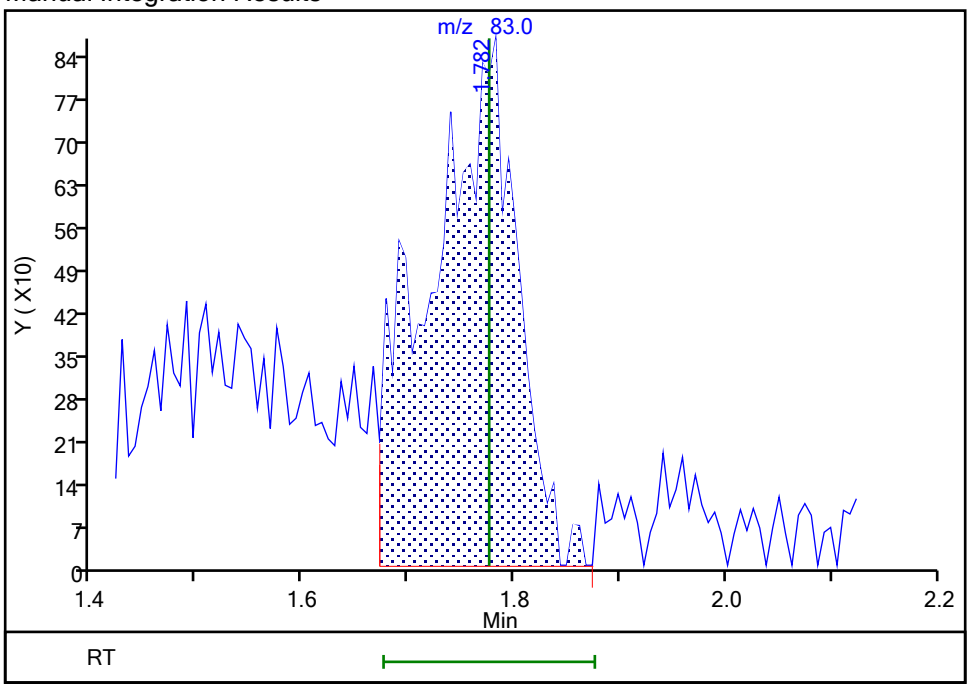
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.78
Area: 4945
Amount: 0.943608
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

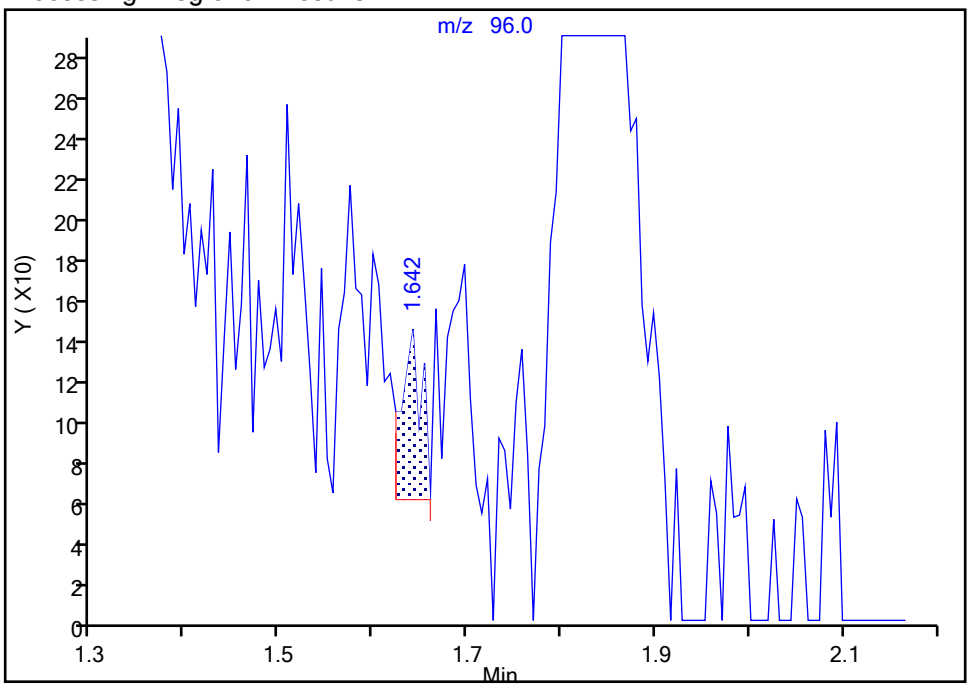
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

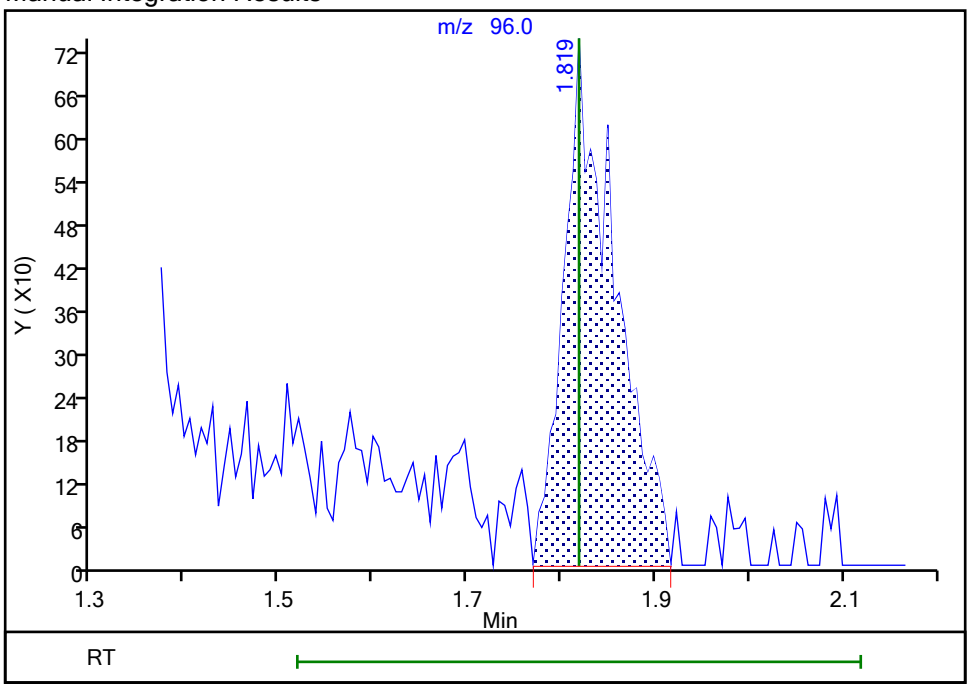
Processing Integration Results

RT: 1.64
Area: 122
Amount: 0.047750
Amount Units: ug/l




Manual Integration Results

RT: 1.82
Area: 2781
Amount: 1.006258
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

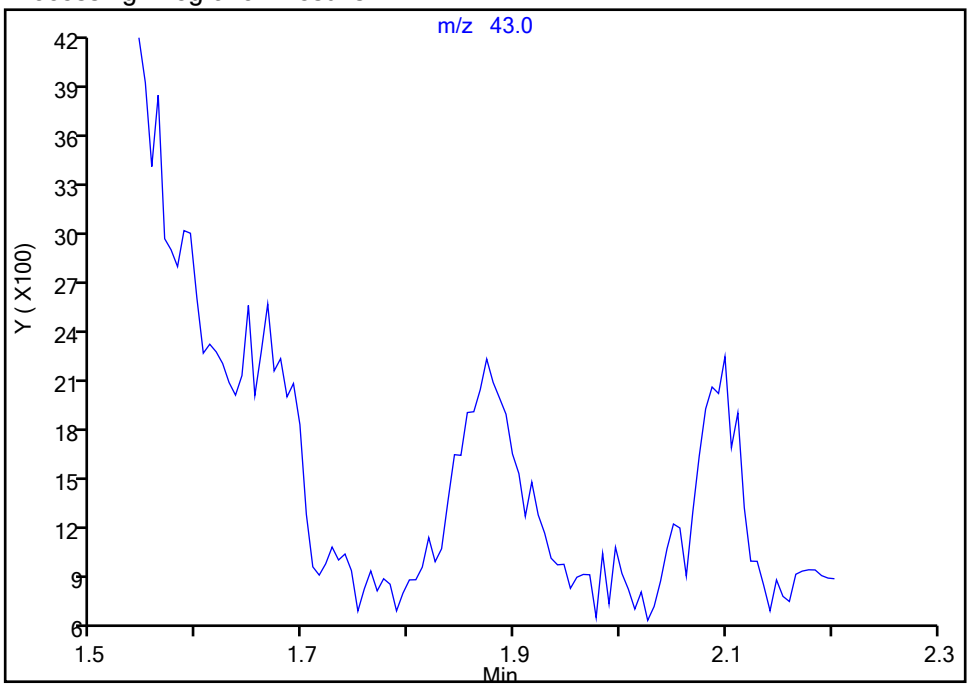
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 19 Acetone, CAS: 67-64-1

Signal: 1

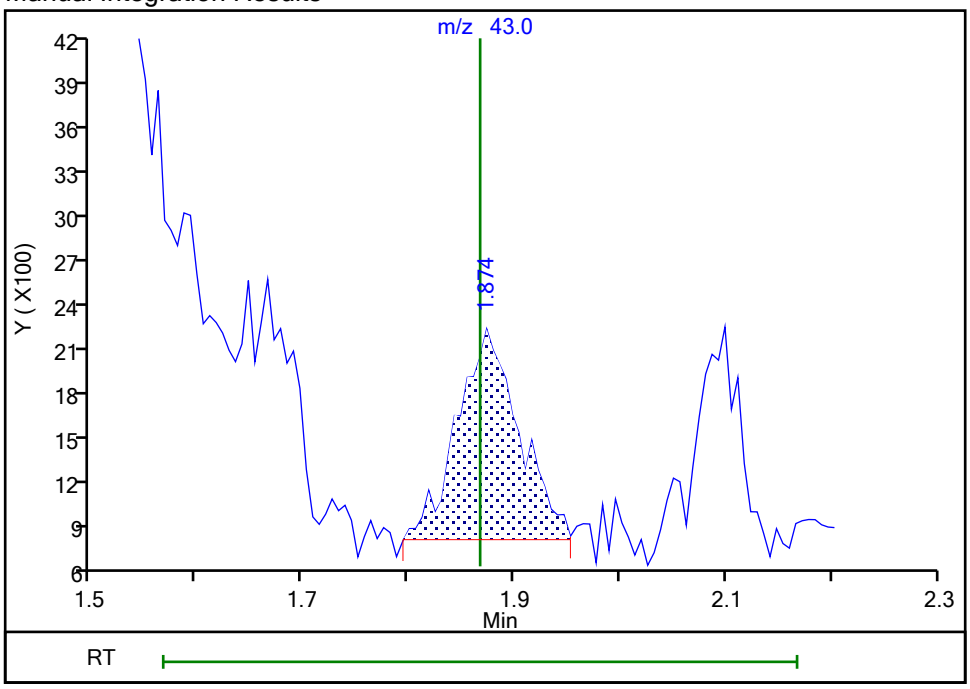
Not Detected
Expected RT: 1.87

Processing Integration Results




Manual Integration Results

RT: 1.87
Area: 5778
Amount: 5.339251
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:41:57 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

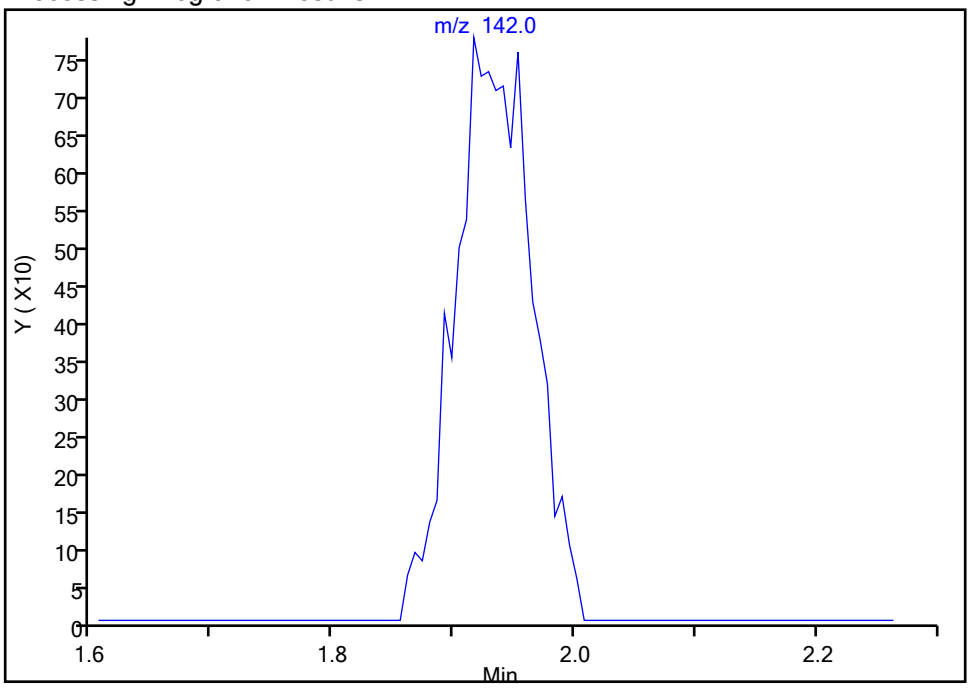
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 20 Iodomethane, CAS: 74-88-4

Signal: 1

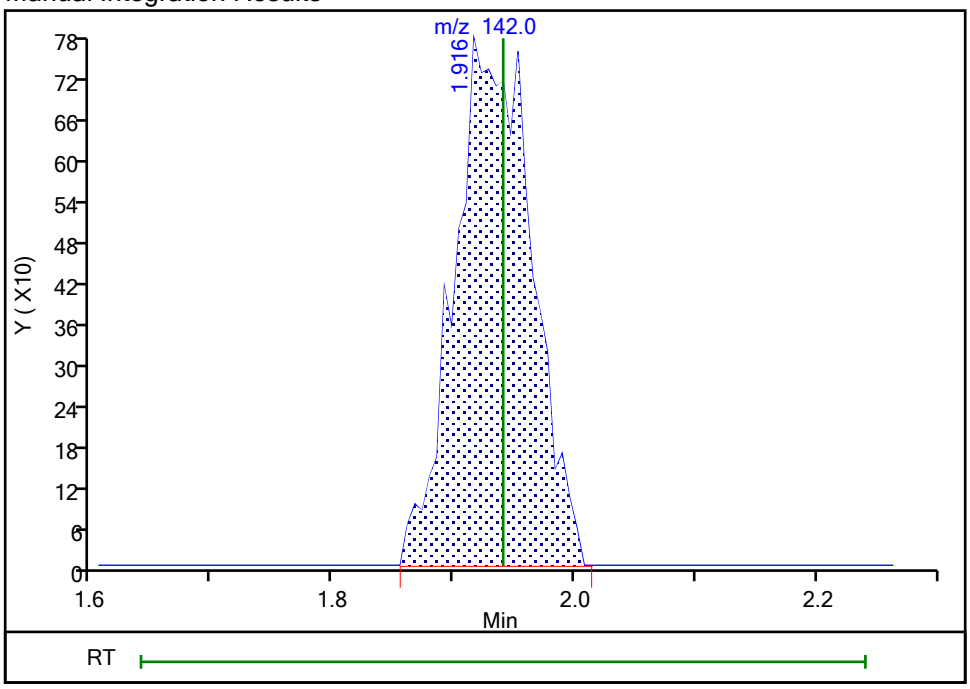
Not Detected
Expected RT: 1.94

Processing Integration Results




Manual Integration Results

RT: 1.92
Area: 3449
Amount: 0.829756
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:42:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

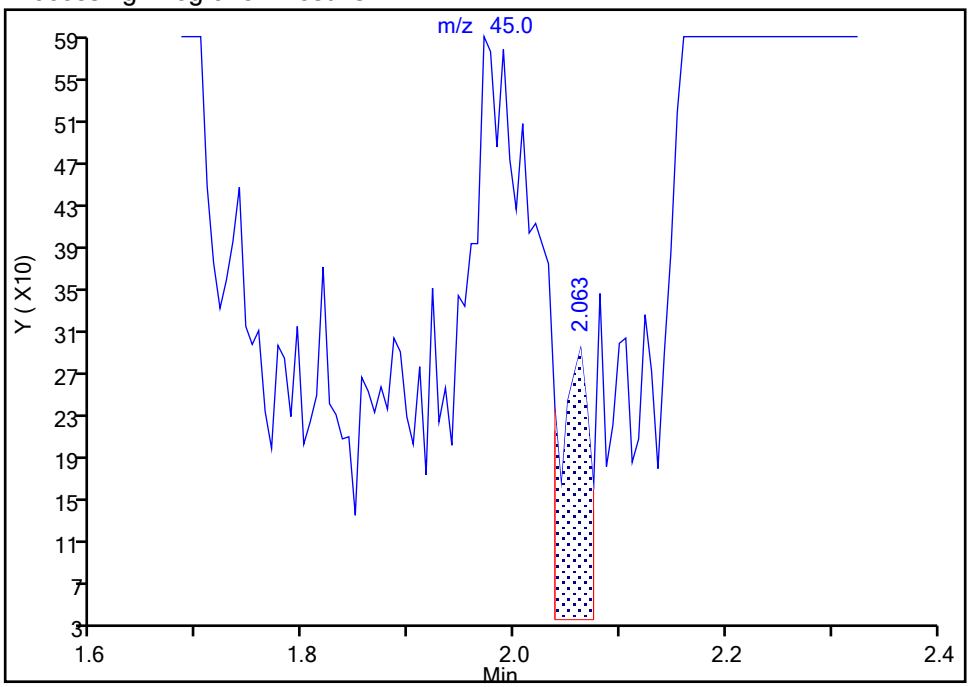
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

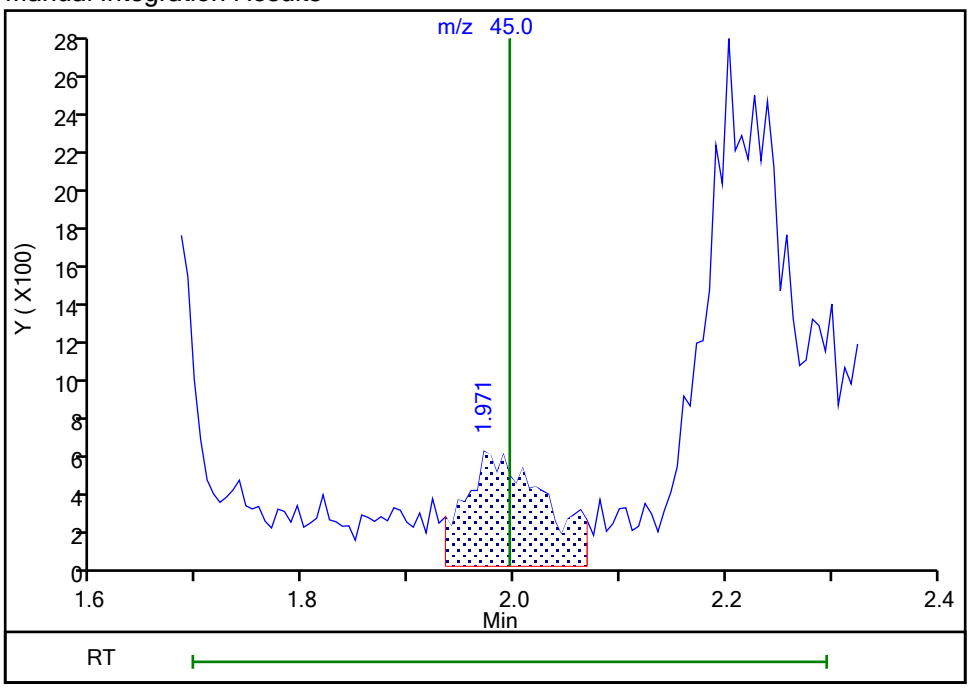
Processing Integration Results

RT: 2.06
Area: 492
Amount: 1.595360
Amount Units: ug/l




Manual Integration Results

RT: 1.97
Area: 3074
Amount: 11.163208
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:42:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

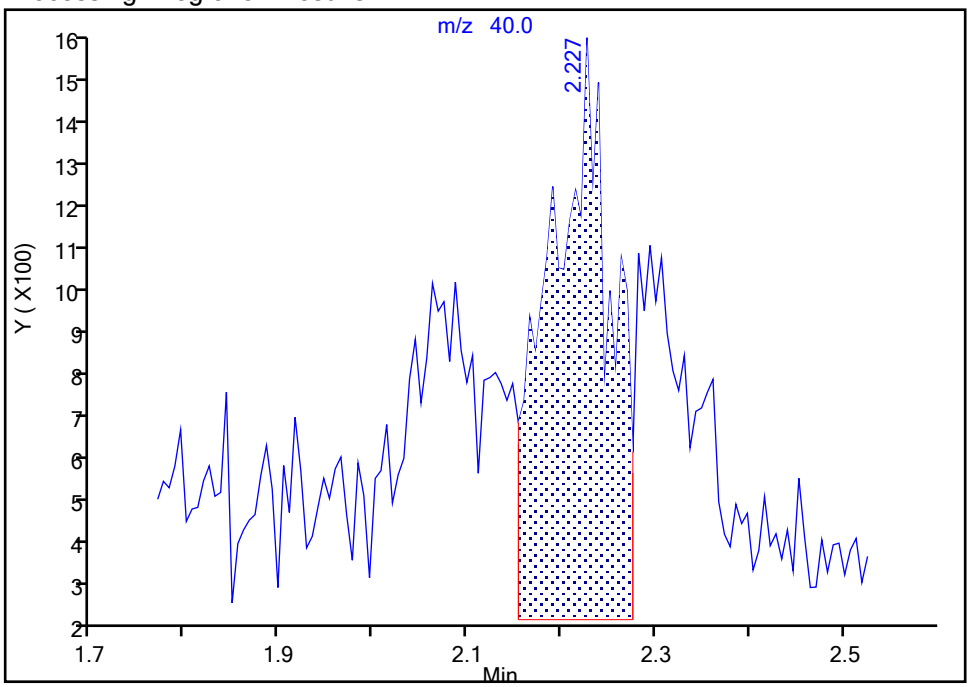
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 23 Acetonitrile, CAS: 75-05-8

Signal: 1

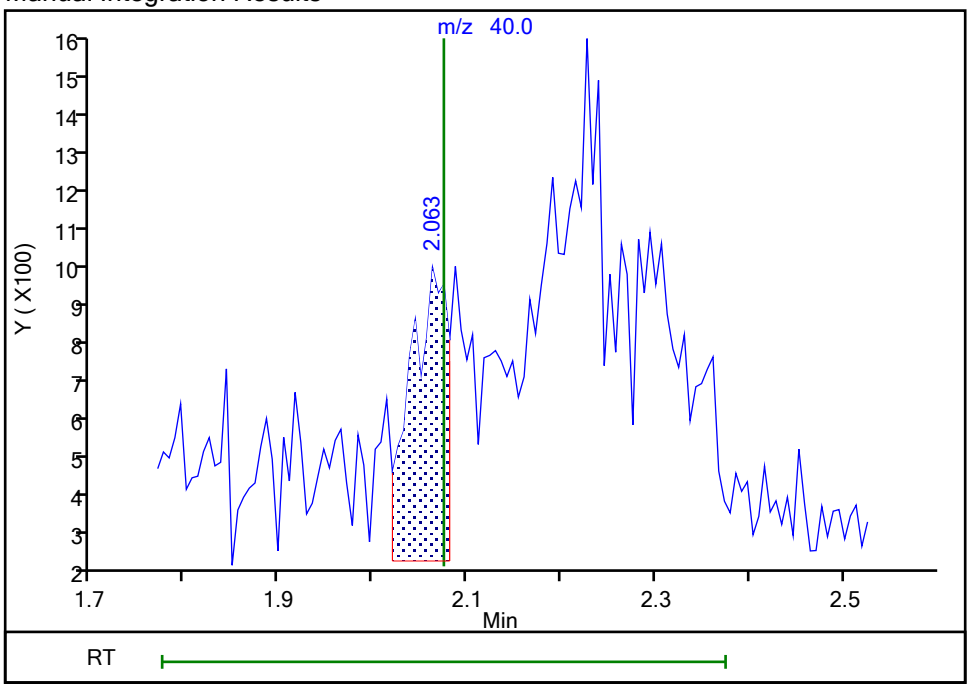
Processing Integration Results

RT: 2.23
Area: 6213
Amount: 26.309062
Amount Units: ug/l




Manual Integration Results

RT: 2.06
Area: 2068
Amount: 12.377968
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:42:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

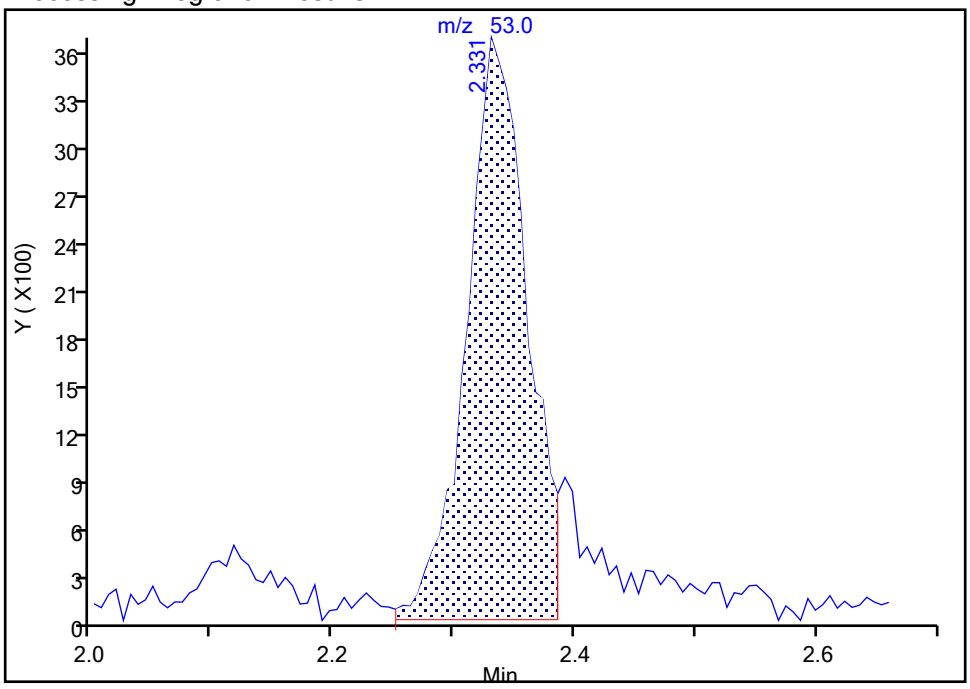
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 29 Acrylonitrile, CAS: 107-13-1

Signal: 1

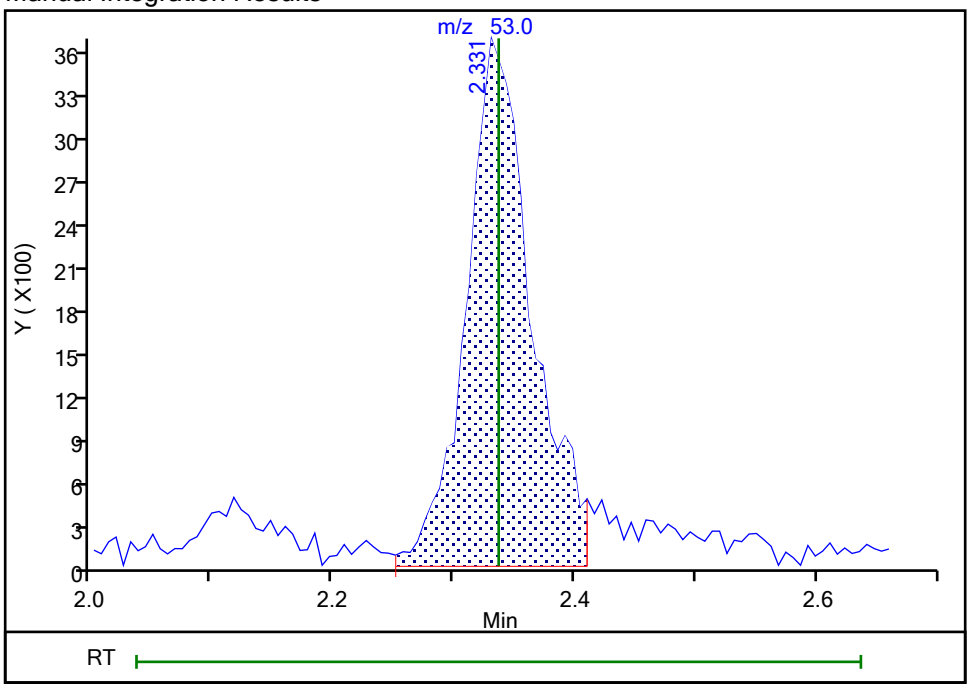
Processing Integration Results

RT: 2.33
Area: 12869
Amount: 9.451561
Amount Units: ug/l




Manual Integration Results

RT: 2.33
Area: 13798
Amount: 10.019916
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:43:16 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

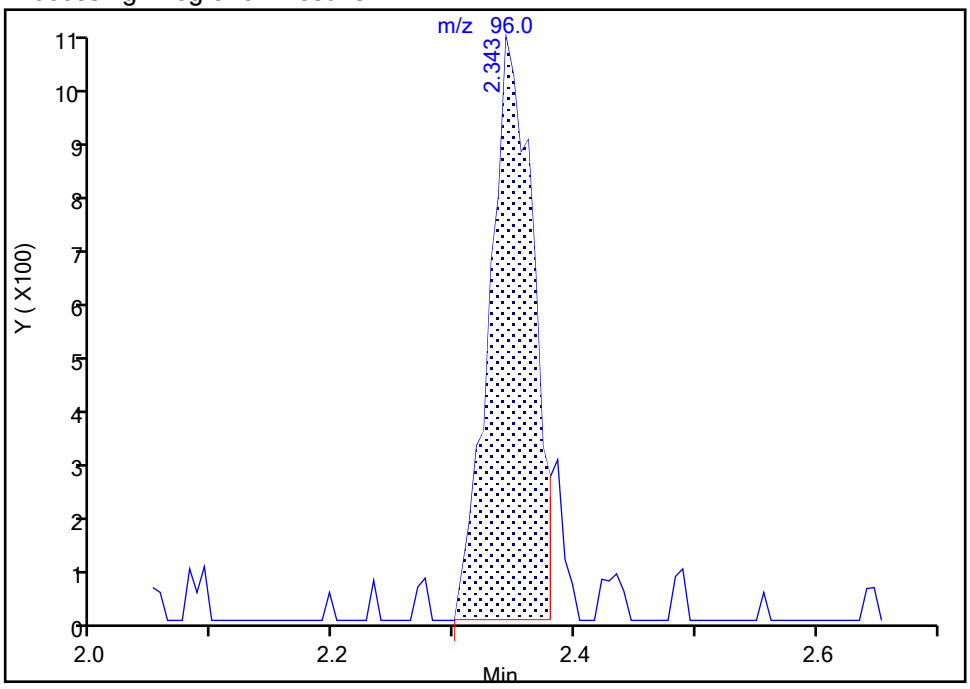
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

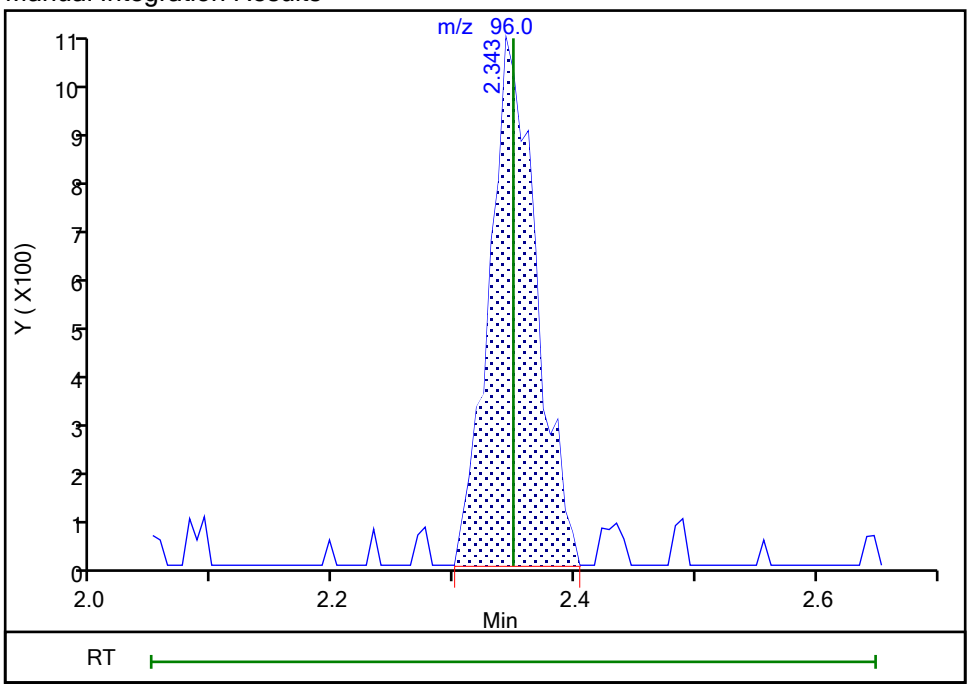
Processing Integration Results

RT: 2.34
Area: 2694
Amount: 0.881100
Amount Units: ug/l




Manual Integration Results

RT: 2.34
Area: 2866
Amount: 0.928648
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:43:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
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Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
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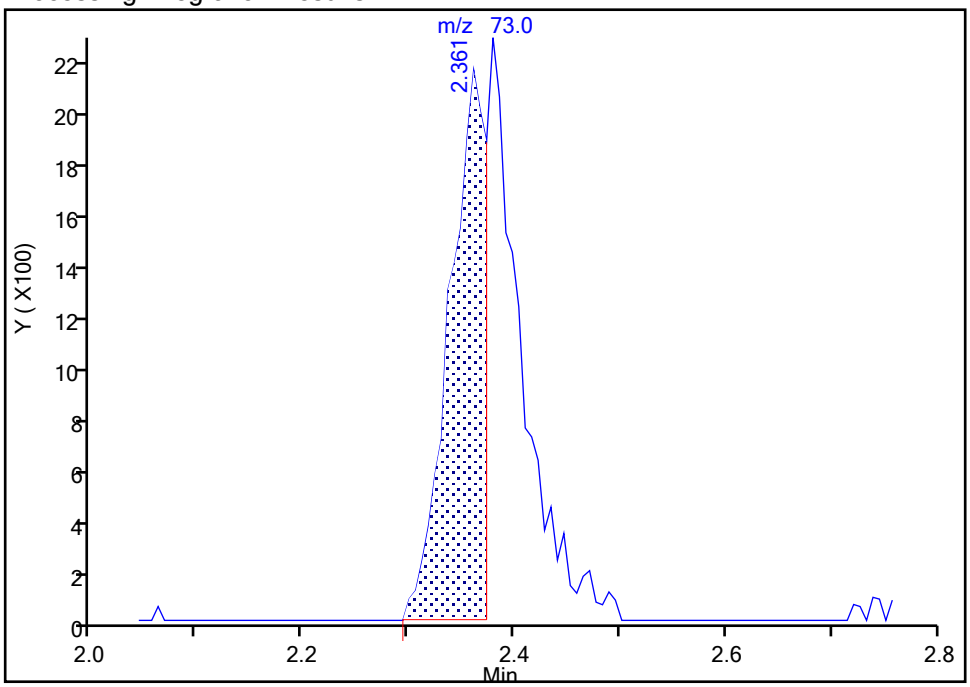
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 31 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

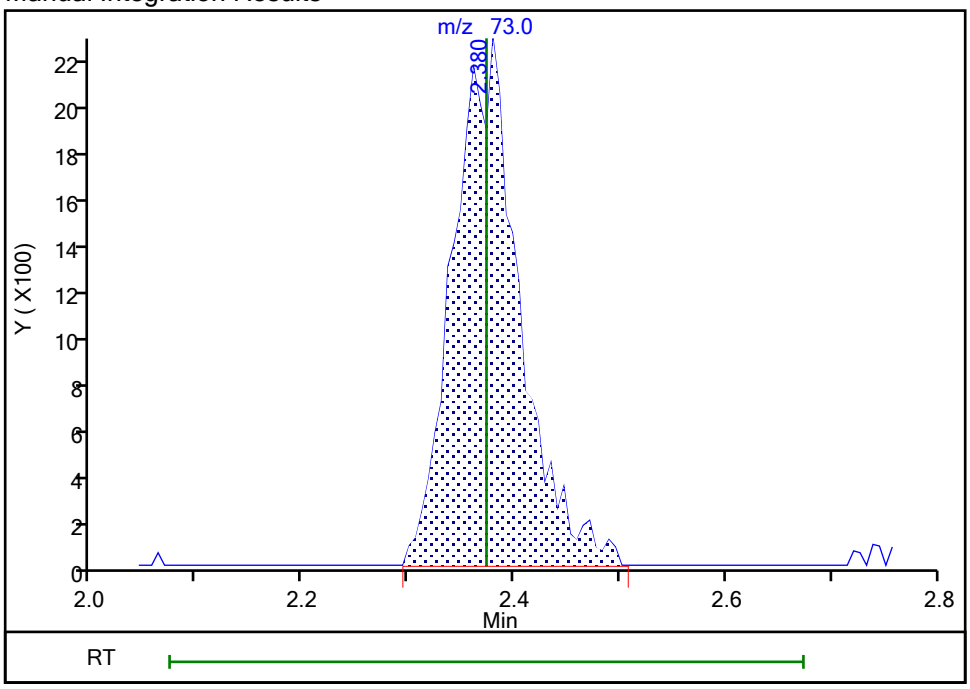
Processing Integration Results

RT: 2.36
Area: 5194
Amount: 0.525250
Amount Units: ug/l




Manual Integration Results

RT: 2.38
Area: 9906
Amount: 0.946089
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:43:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
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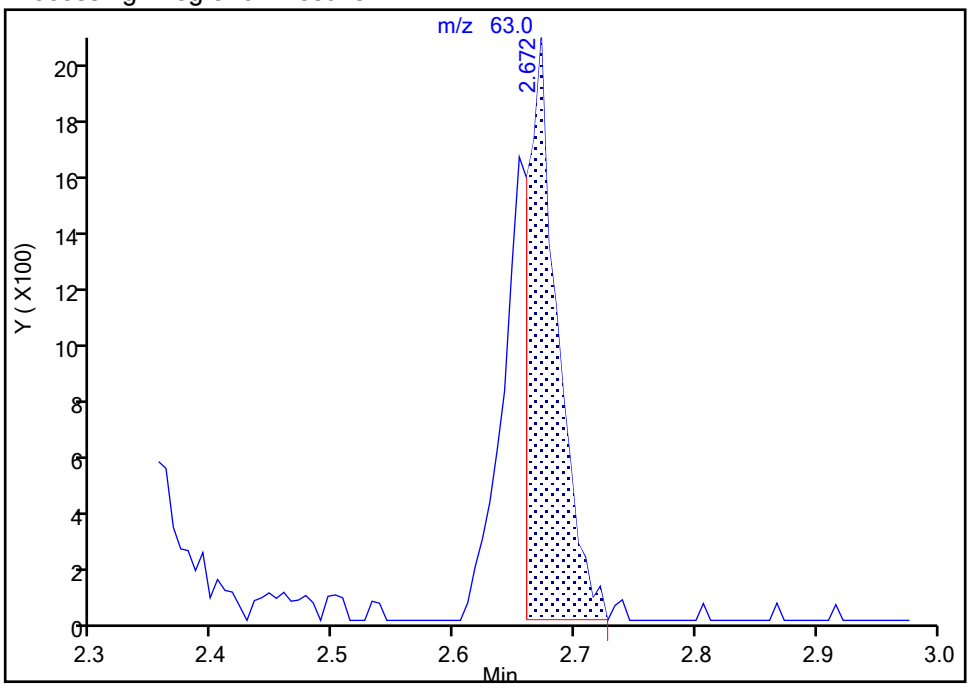
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 33 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

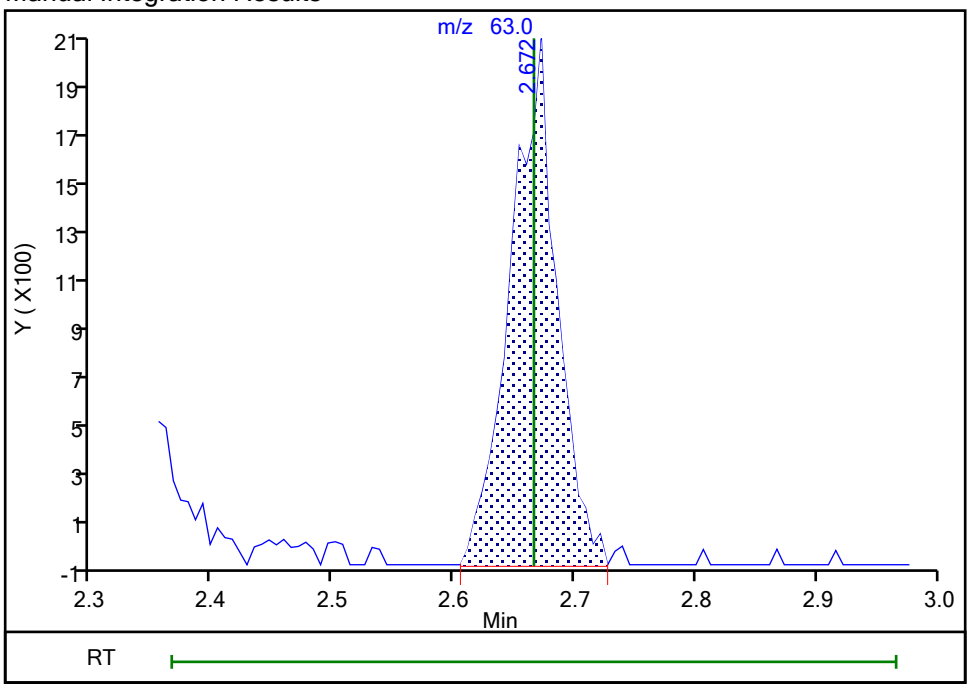
Processing Integration Results

RT: 2.67
Area: 3545
Amount: 0.622129
Amount Units: ug/l




Manual Integration Results

RT: 2.67
Area: 5464
Amount: 0.907942
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:43:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

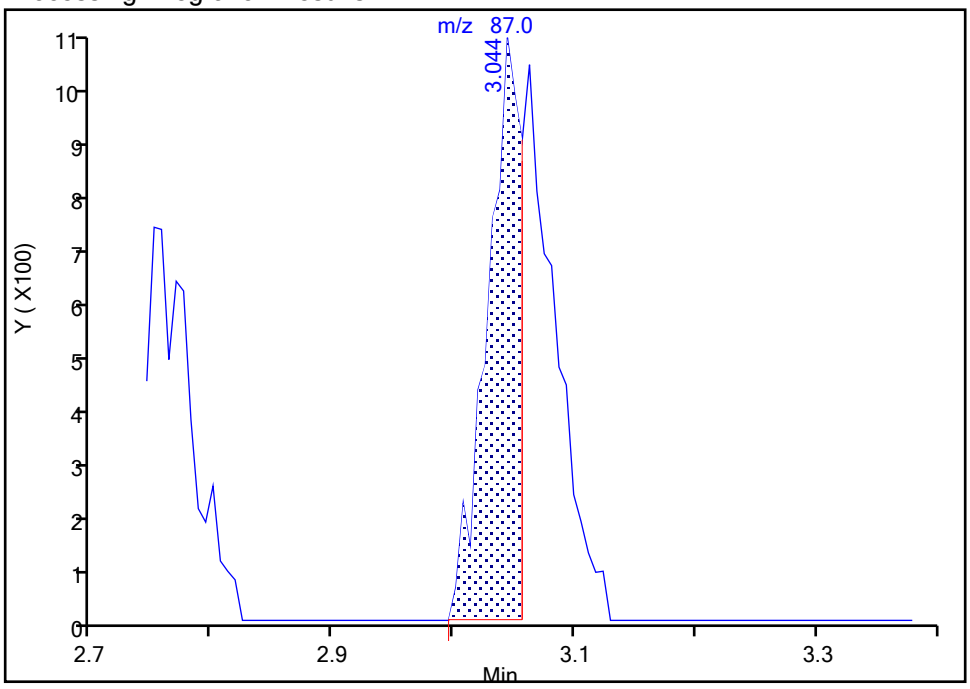
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 37 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

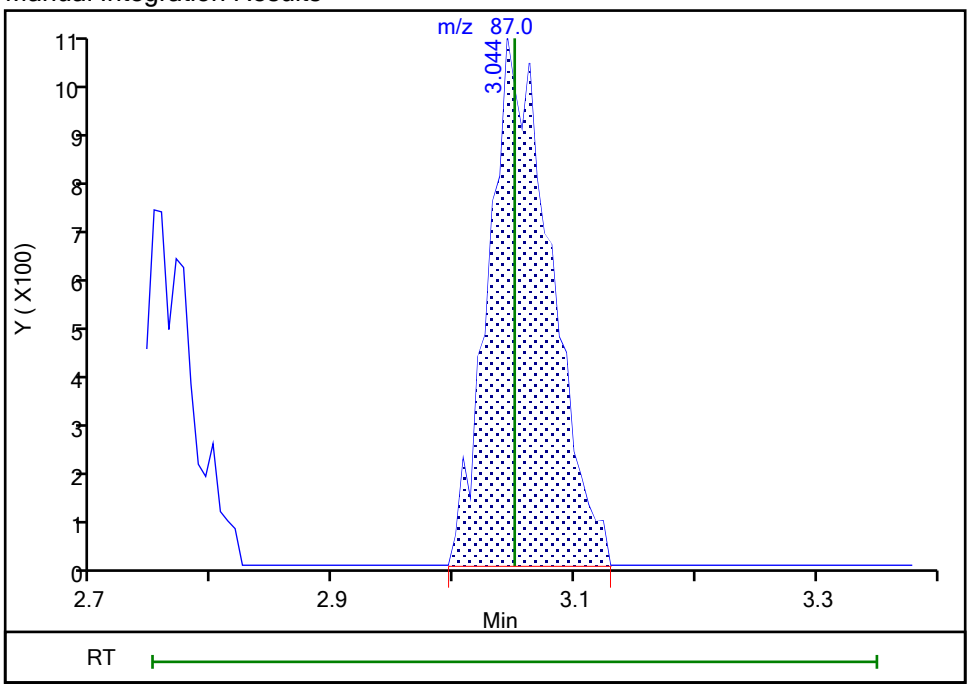
Processing Integration Results

RT: 3.04
Area: 2119
Amount: 0.519851
Amount Units: ug/l




Manual Integration Results

RT: 3.04
Area: 3870
Amount: 0.944295
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:43:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

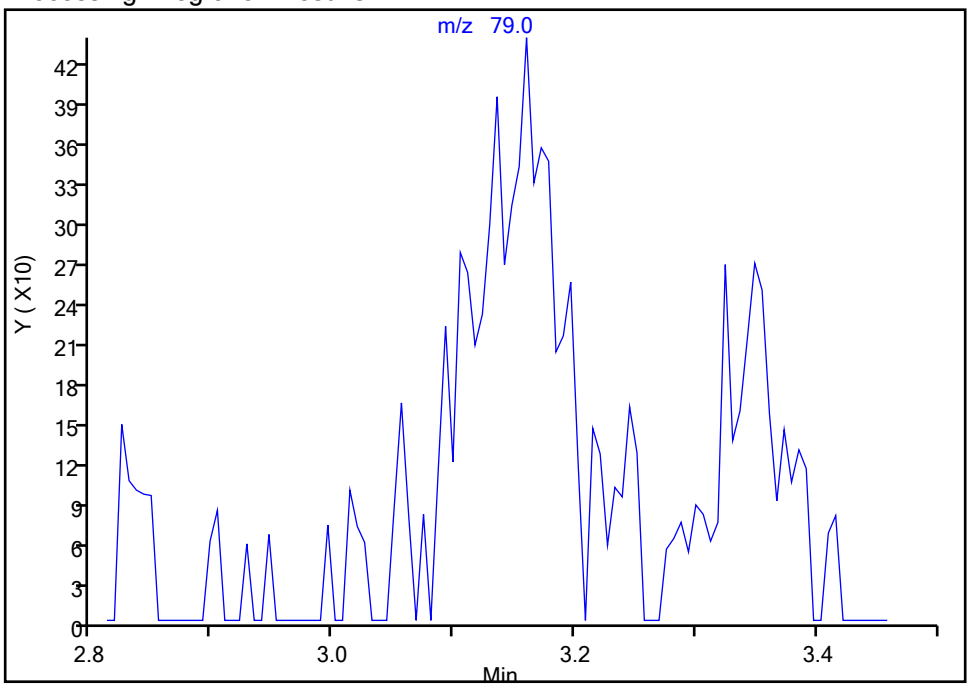
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

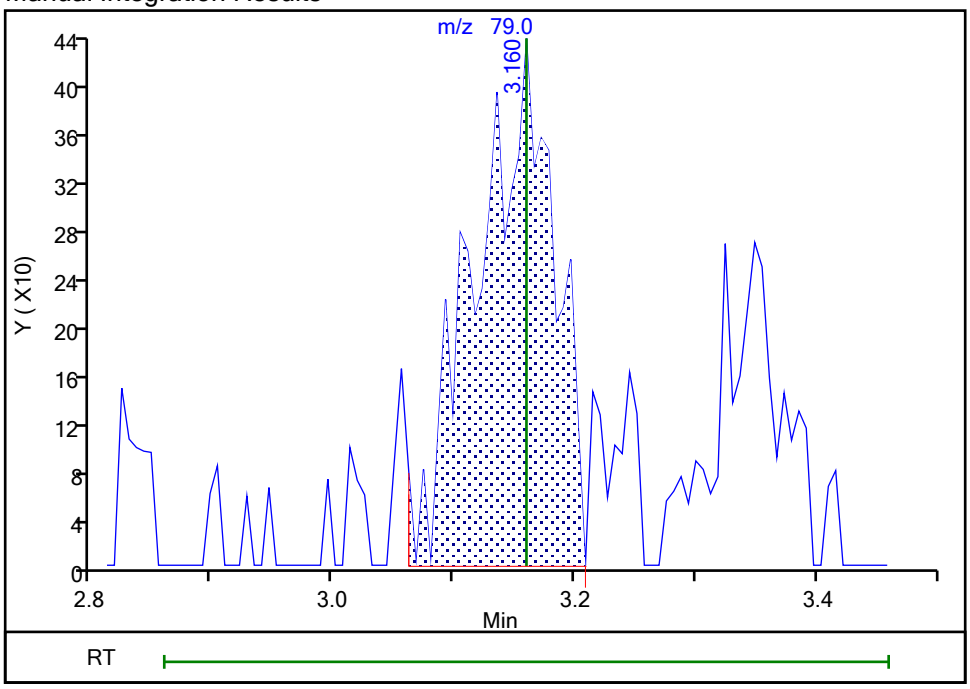
Not Detected
Expected RT: 3.16

Processing Integration Results




Manual Integration Results

RT: 3.16
Area: 1977
Amount: 1.207068
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:44:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

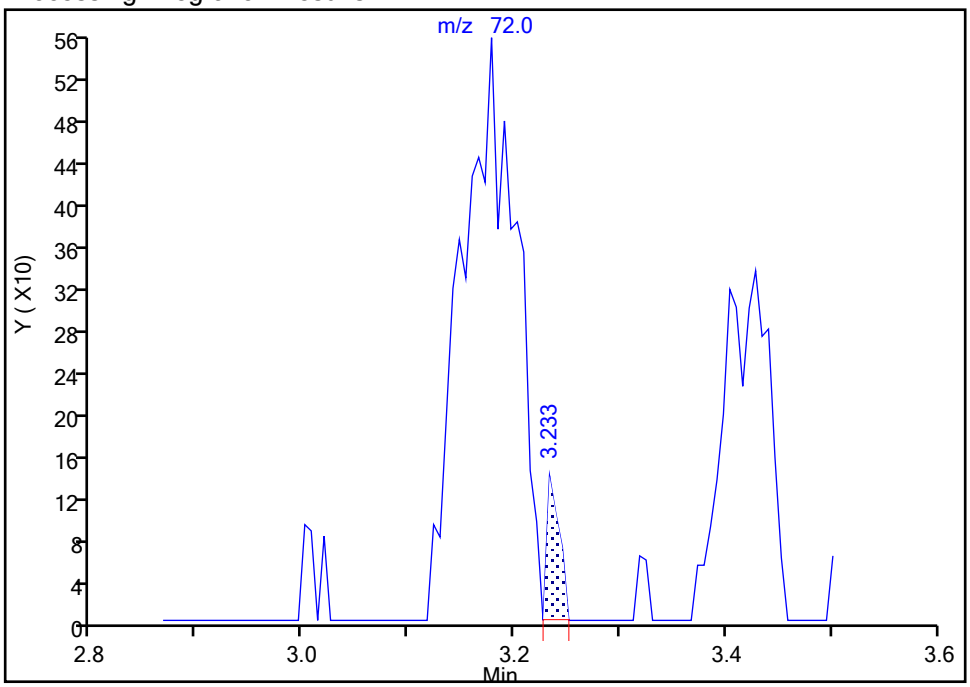
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

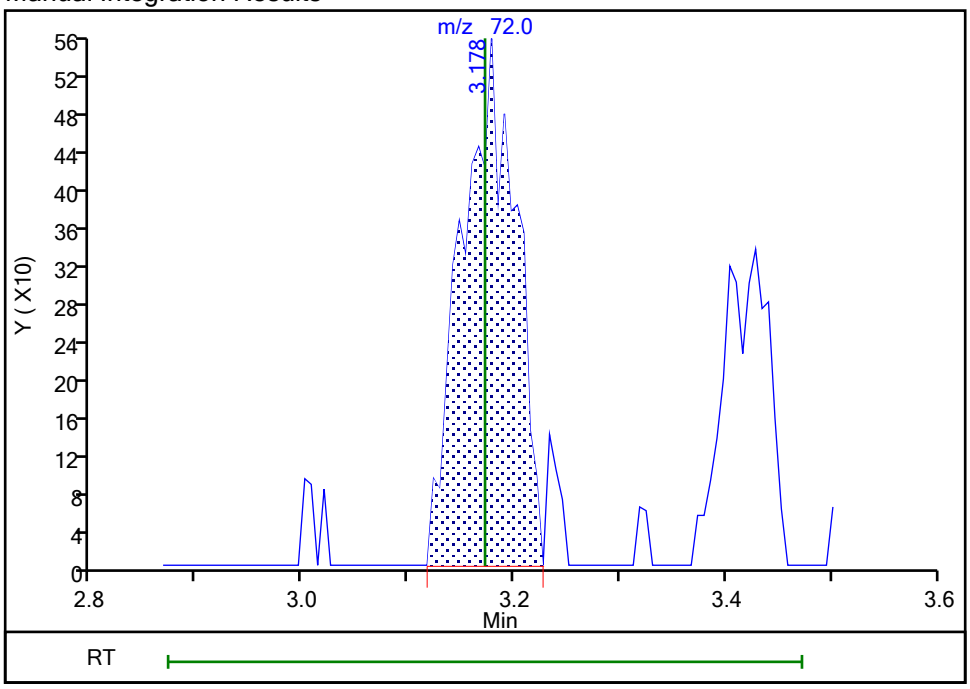
Processing Integration Results

RT: 3.23
Area: 114
Amount: 0.281460
Amount Units: ug/l




Manual Integration Results

RT: 3.18
Area: 1992
Amount: 4.830192
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:44:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

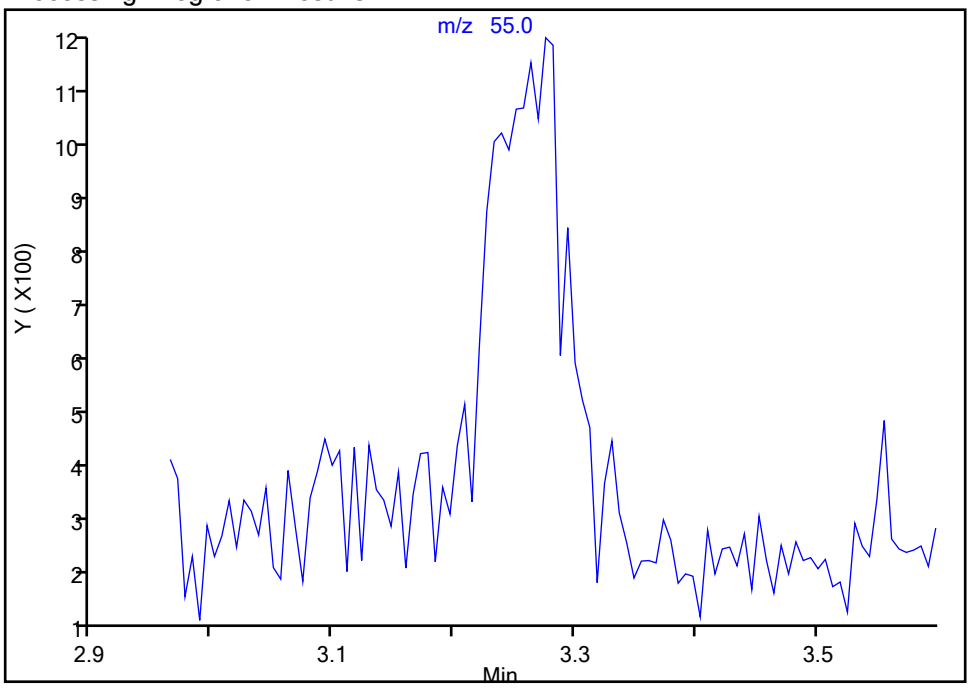
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 44 Methyl acrylate, CAS: 96-33-3

Signal: 1

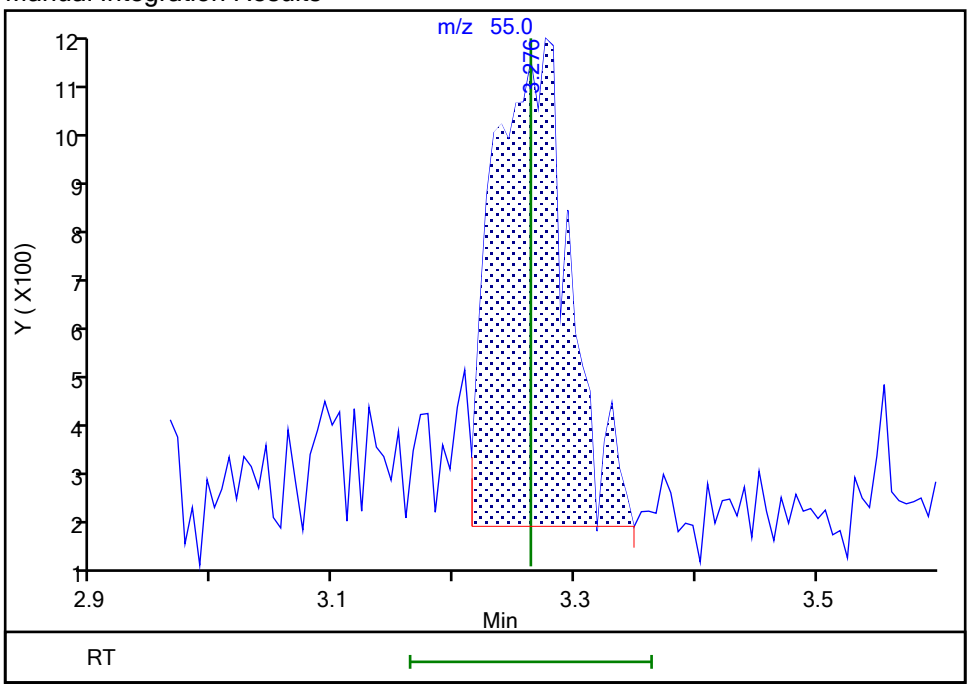
Not Detected
Expected RT: 3.26

Processing Integration Results




Manual Integration Results

RT: 3.28
Area: 4039
Amount: 1.001103
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:44:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

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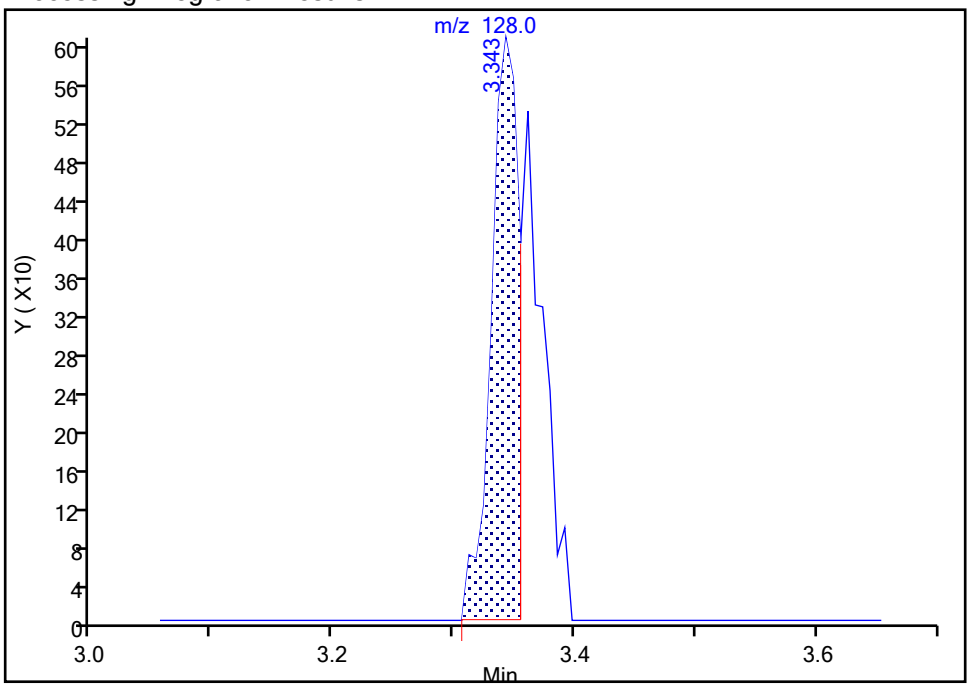
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 45 Chlorobromomethane, CAS: 74-97-5

Signal: 1

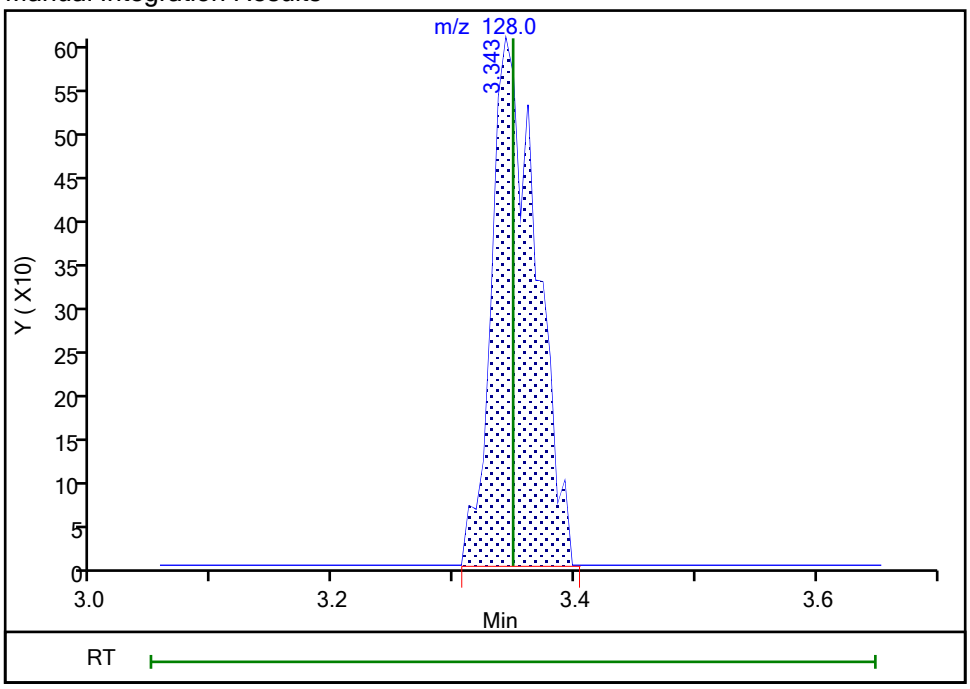
Processing Integration Results

RT: 3.34
Area: 967
Amount: 0.636471
Amount Units: ug/l




Manual Integration Results

RT: 3.34
Area: 1546
Amount: 0.956793
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:44:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

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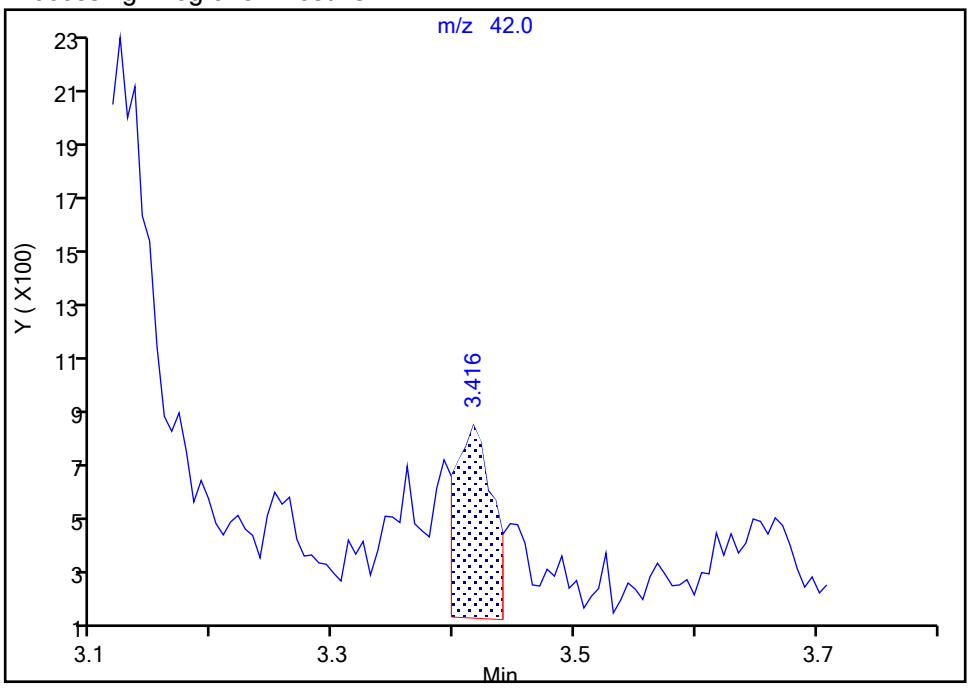
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 47 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

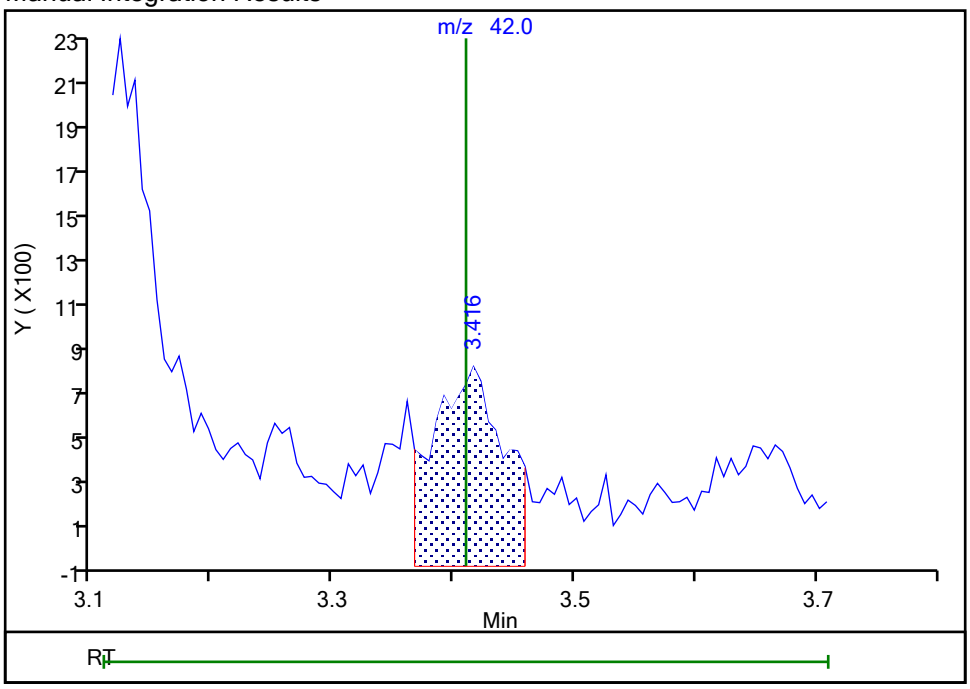
Processing Integration Results

RT: 3.42
Area: 1568
Amount: 1.077972
Amount Units: ug/l




Manual Integration Results

RT: 3.42
Area: 3531
Amount: 2.311067
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:44:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

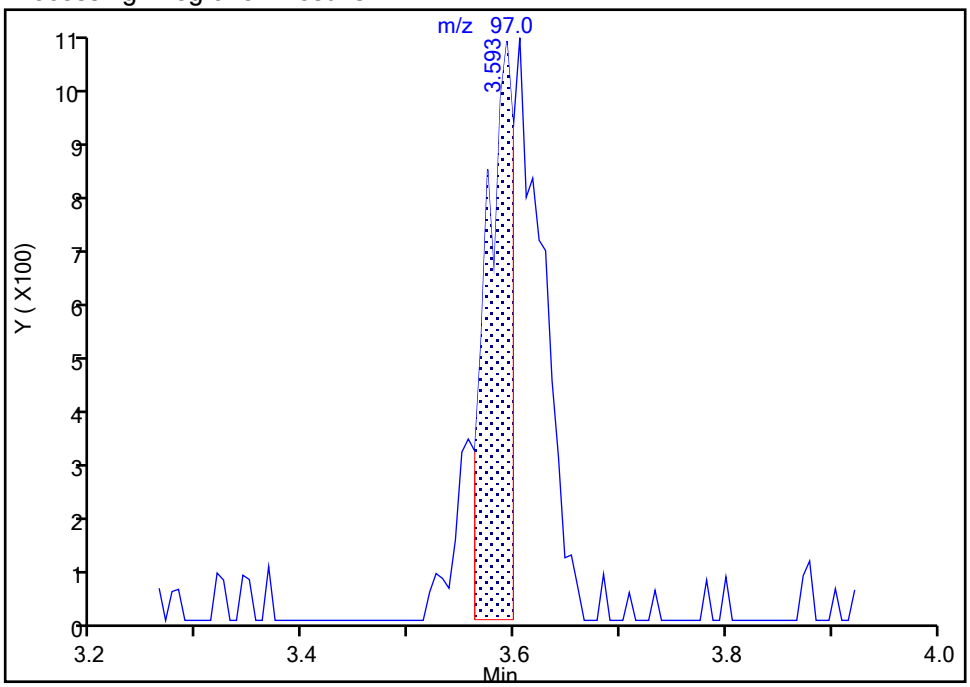
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

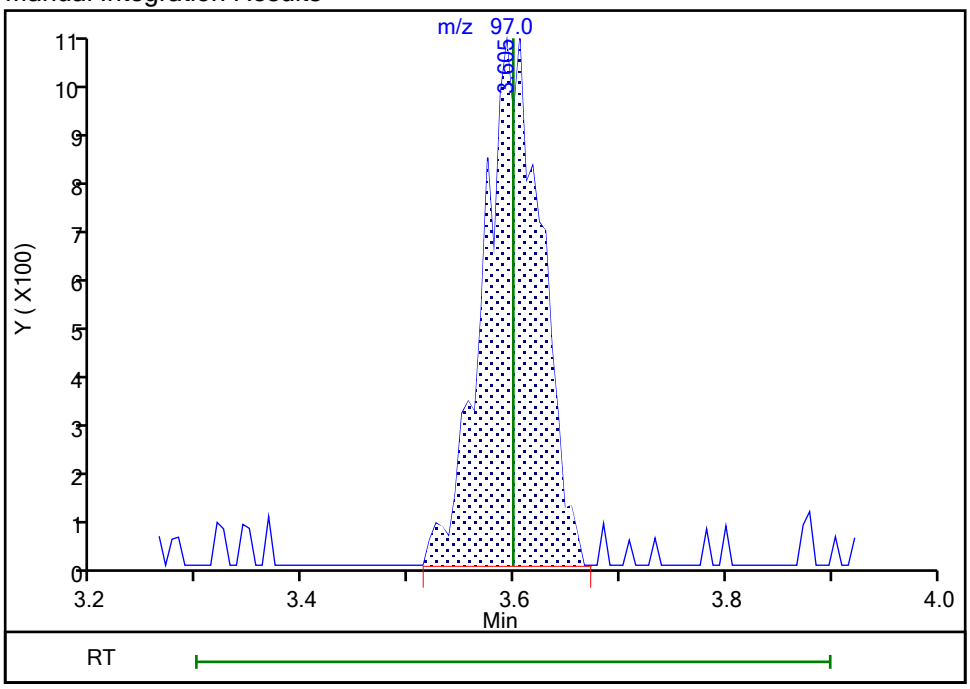
Processing Integration Results

RT: 3.59
Area: 1907
Amount: 0.429495
Amount Units: ug/l




Manual Integration Results

RT: 3.60
Area: 4153
Amount: 0.920754
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:45:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

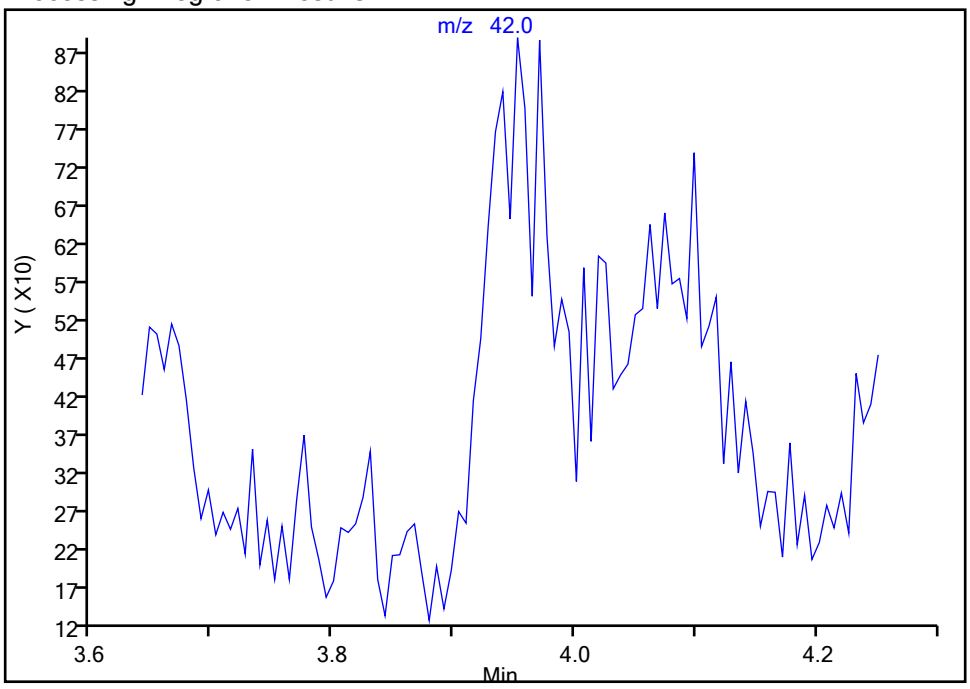
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

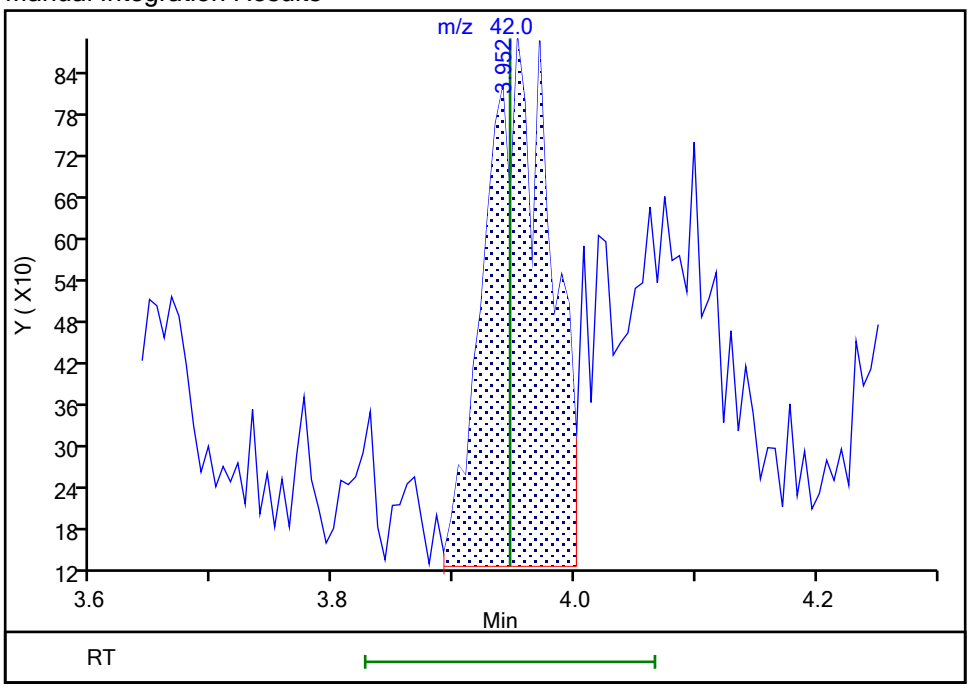
Not Detected
Expected RT: 3.95

Processing Integration Results




Manual Integration Results

RT: 3.95
Area: 2852
Amount: 27.805531
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:45:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
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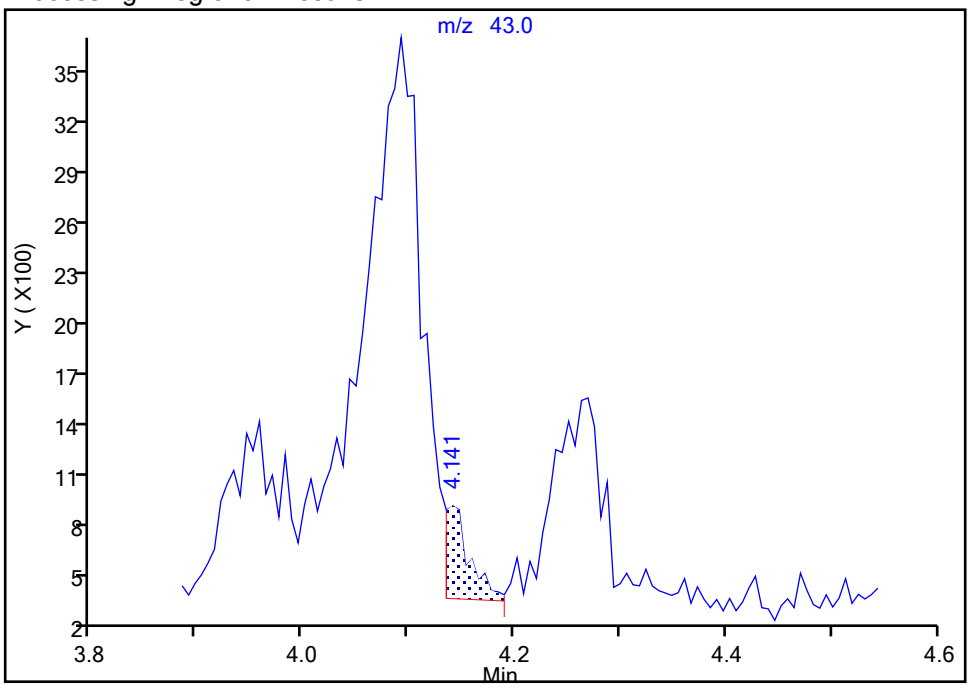
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 62 n-Heptane, CAS: 142-82-5

Signal: 1

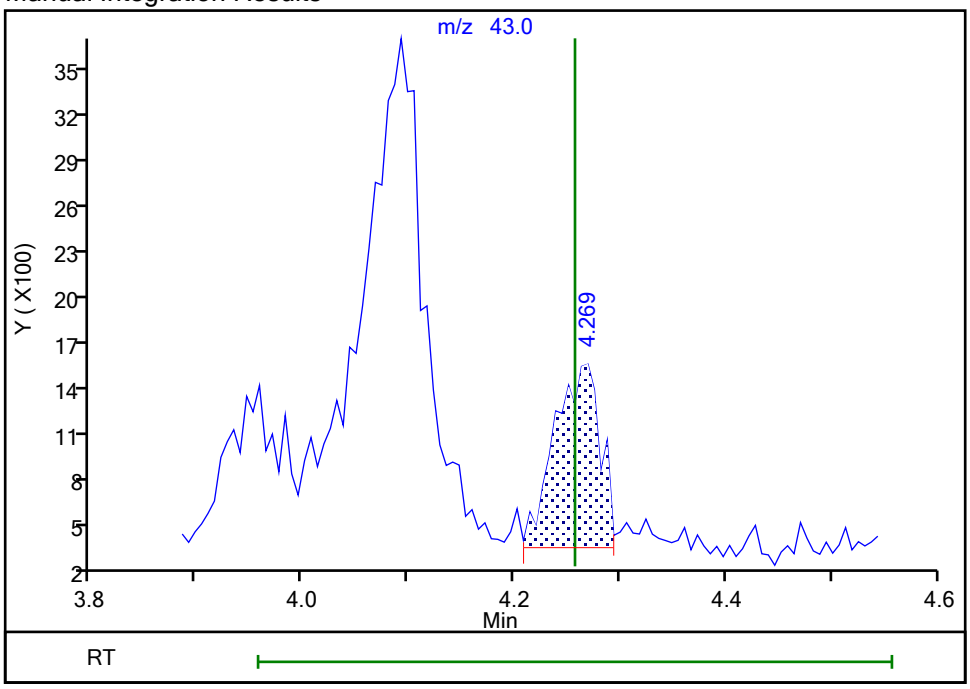
Processing Integration Results

RT: 4.14
Area: 864
Amount: 0.187734
Amount Units: ug/l




Manual Integration Results

RT: 4.27
Area: 3490
Amount: 0.795367
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:45:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

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Eurofins Edison

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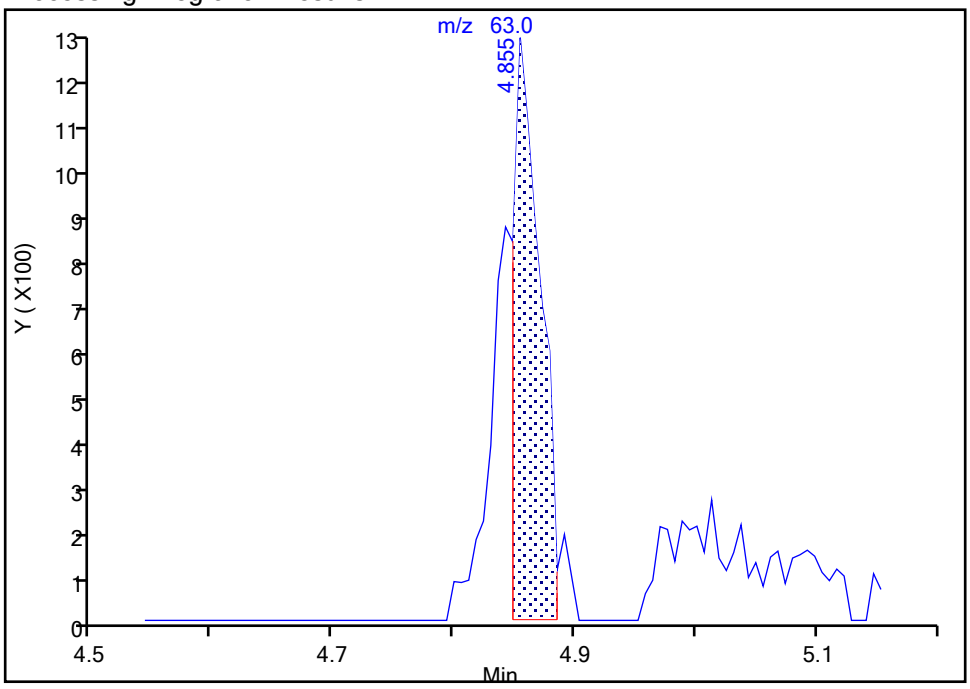
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 67 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

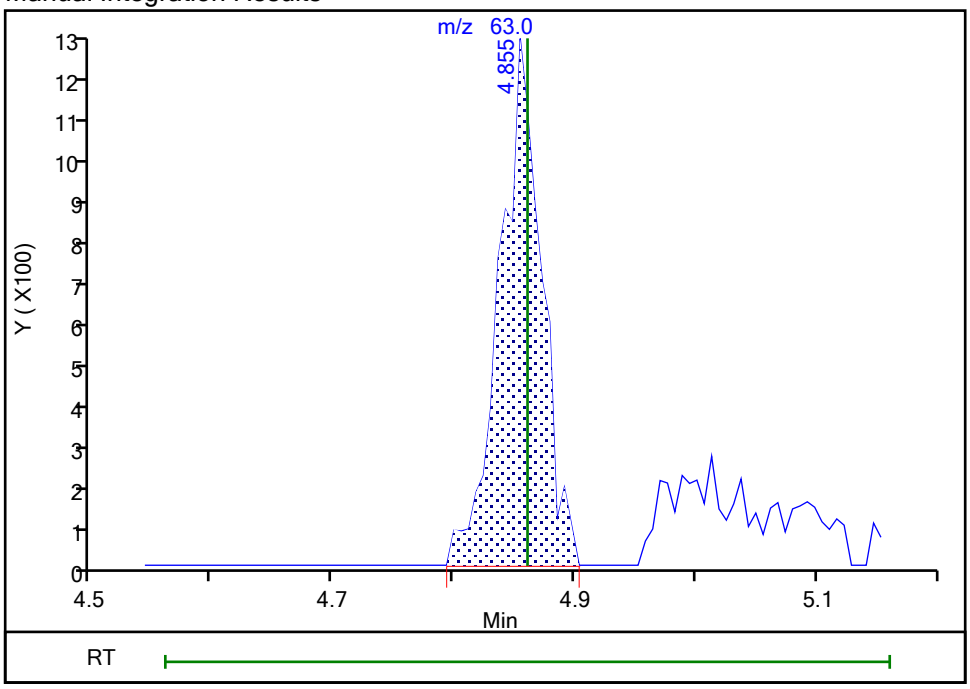
Processing Integration Results

RT: 4.85
Area: 1974
Amount: 0.617689
Amount Units: ug/l




Manual Integration Results

RT: 4.85
Area: 3031
Amount: 0.898887
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:45:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

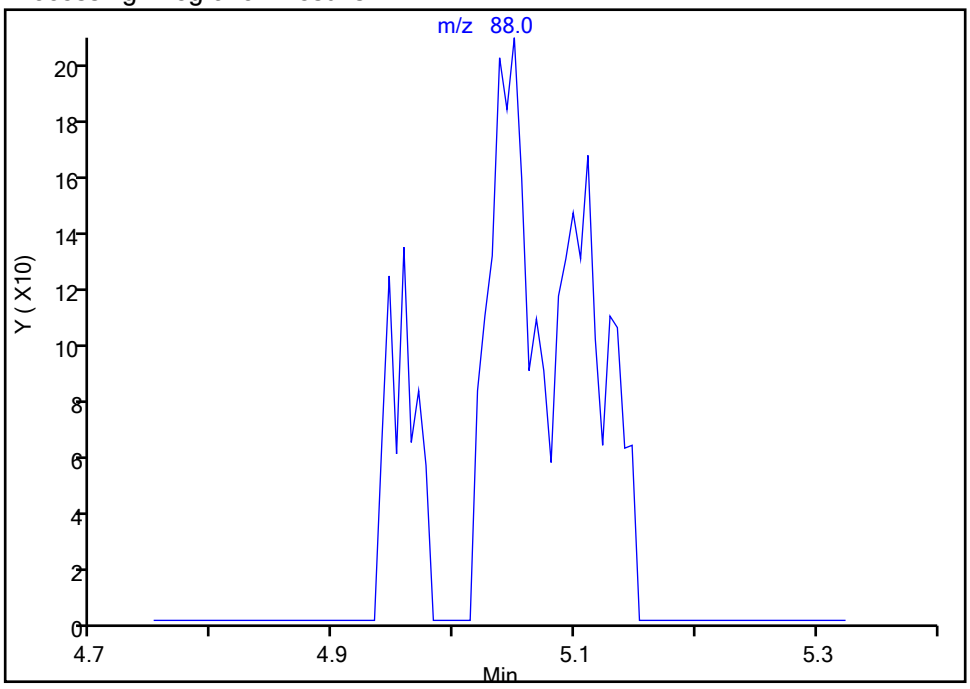
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 70 1,4-Dioxane, CAS: 123-91-1

Signal: 1

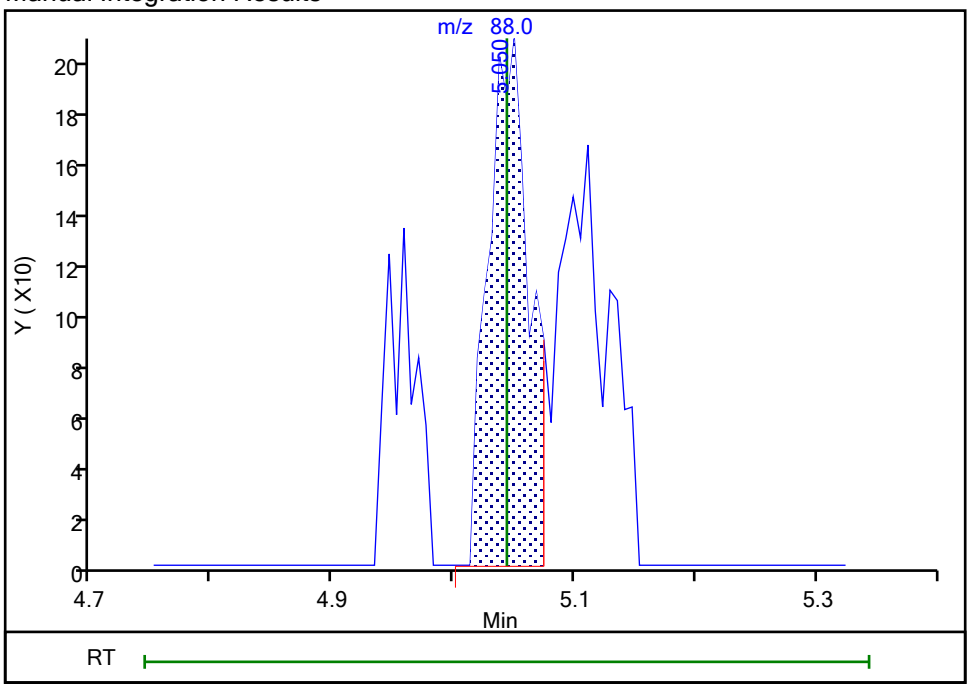
Not Detected
Expected RT: 5.04

Processing Integration Results




Manual Integration Results

RT: 5.05
Area: 484
Amount: 17.401941
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:45:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

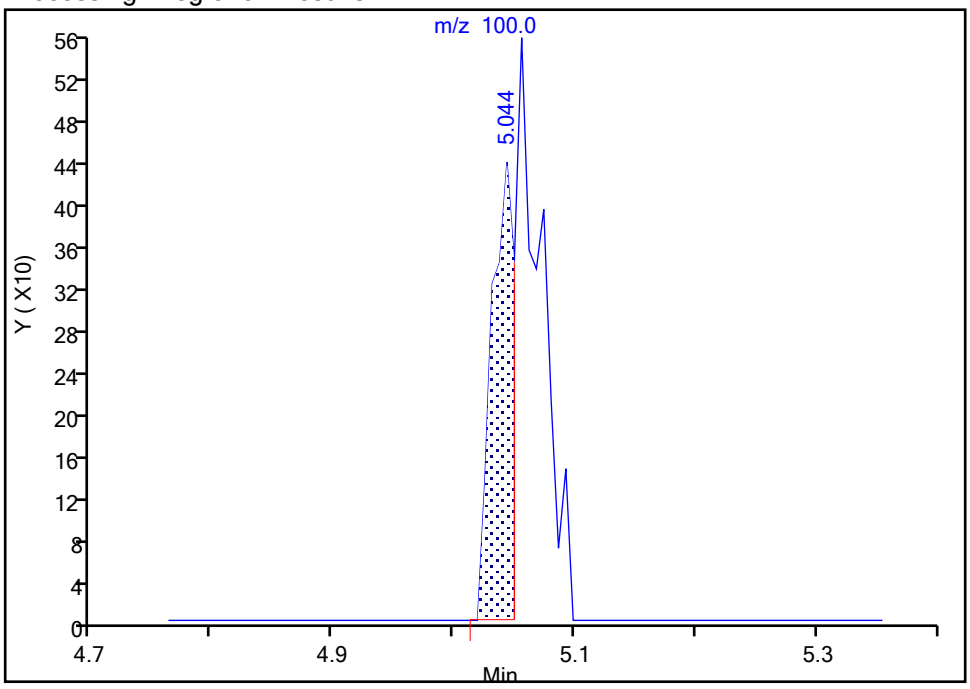
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 71 Methyl methacrylate, CAS: 80-62-6

Signal: 1

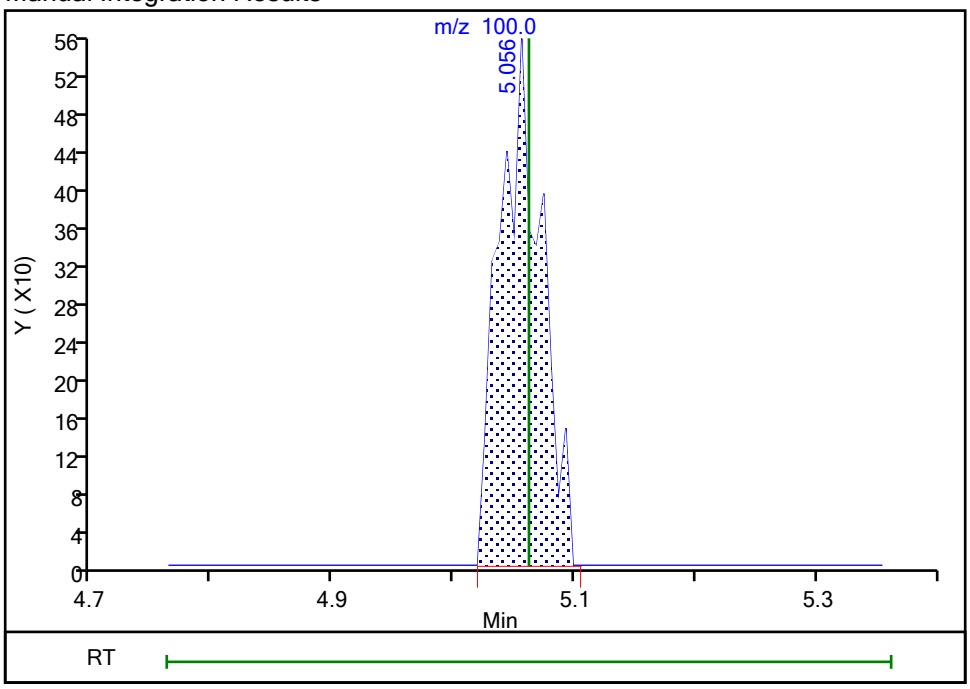
Processing Integration Results

RT: 5.04
Area: 577
Amount: 0.830227
Amount Units: ug/l




Manual Integration Results

RT: 5.06
Area: 1333
Amount: 1.839188
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

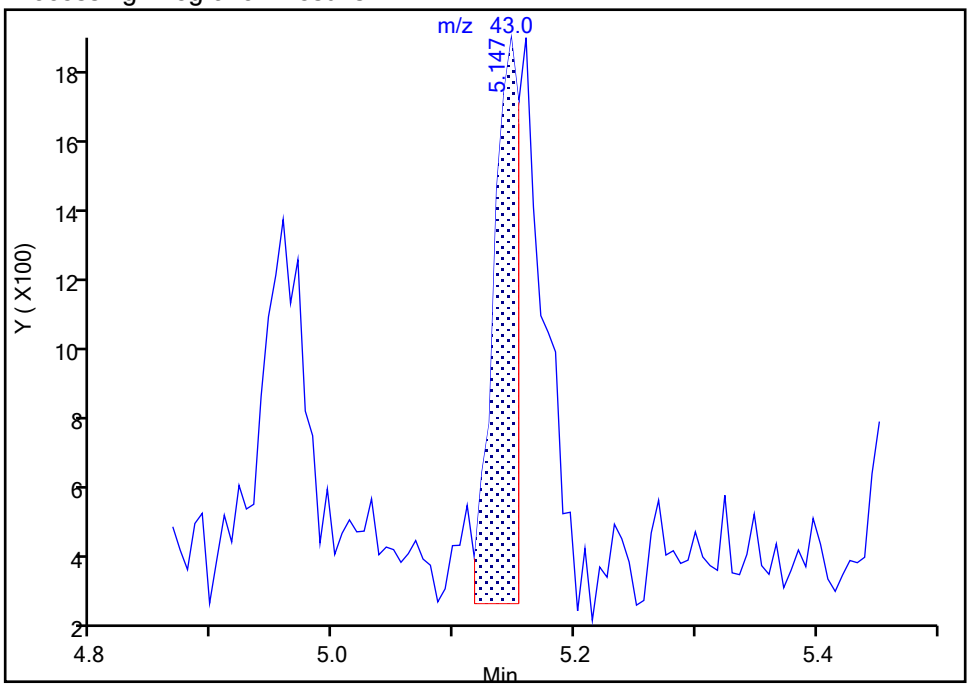
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 72 n-Propyl acetate, CAS: 109-60-4

Signal: 1

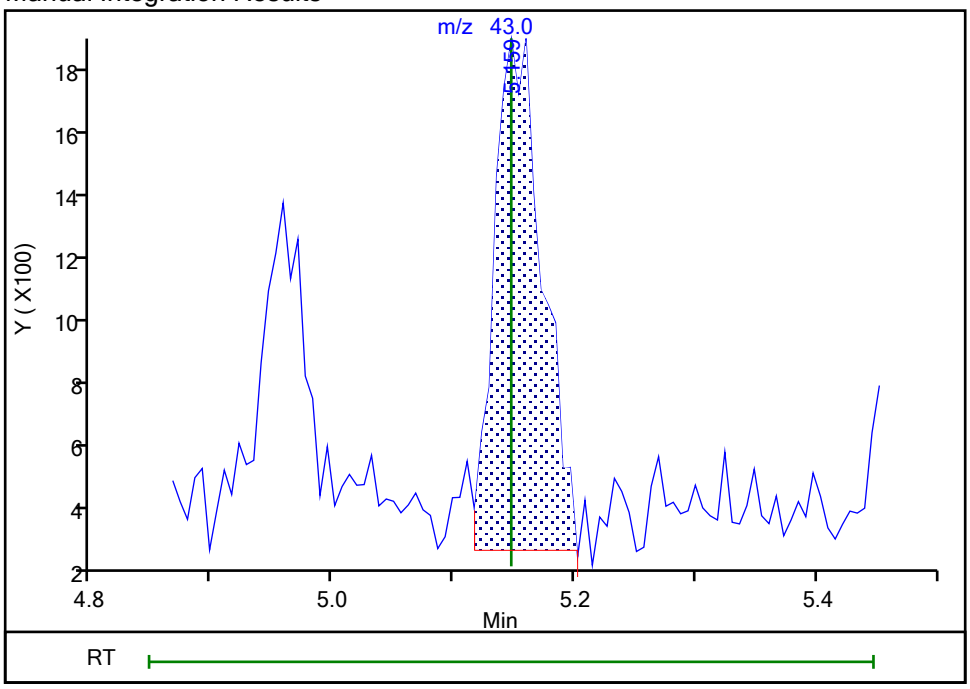
Processing Integration Results

RT: 5.15
Area: 2371
Amount: 0.525036
Amount Units: ug/l




Manual Integration Results

RT: 5.16
Area: 4351
Amount: 0.943698
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:13 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

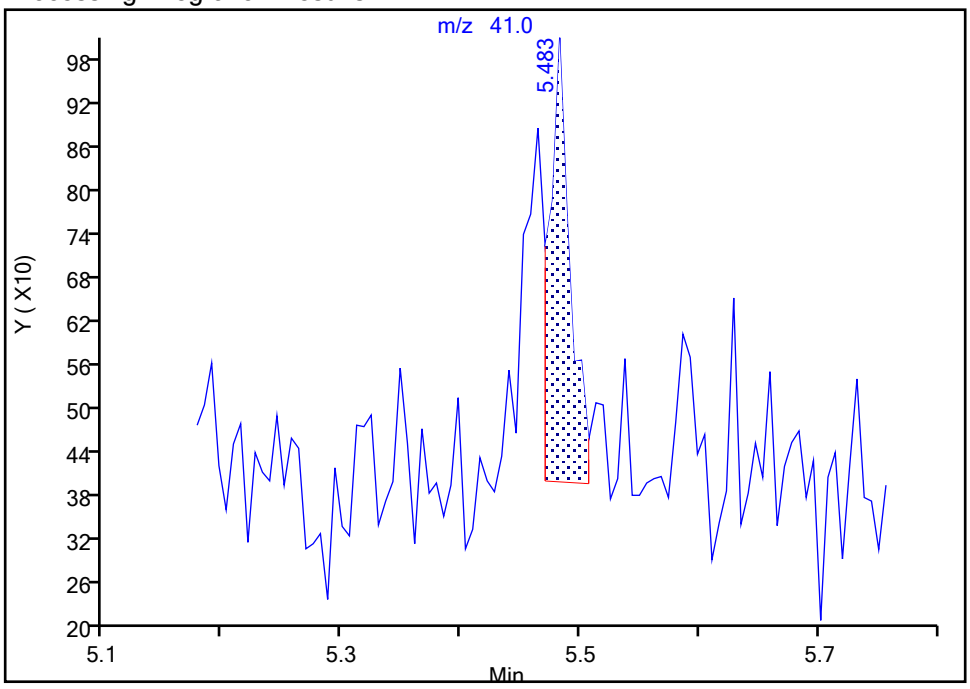
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 74 2-Nitropropane, CAS: 79-46-9

Signal: 1

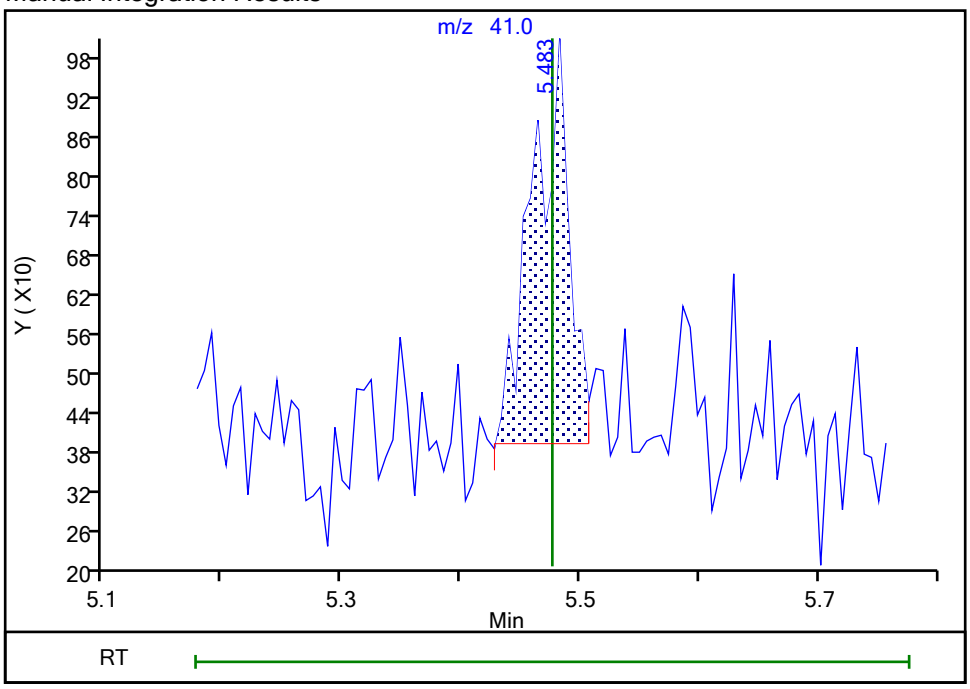
Processing Integration Results

RT: 5.48
Area: 768
Amount: 1.958495
Amount Units: ug/l




Manual Integration Results

RT: 5.48
Area: 1314
Amount: 1.606545
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

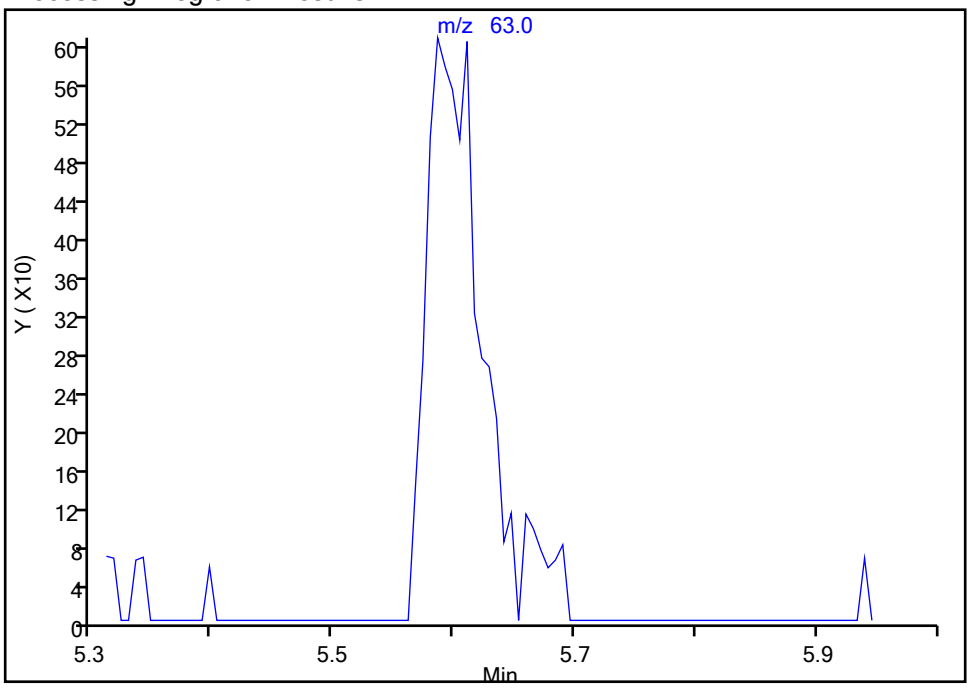
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 75 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

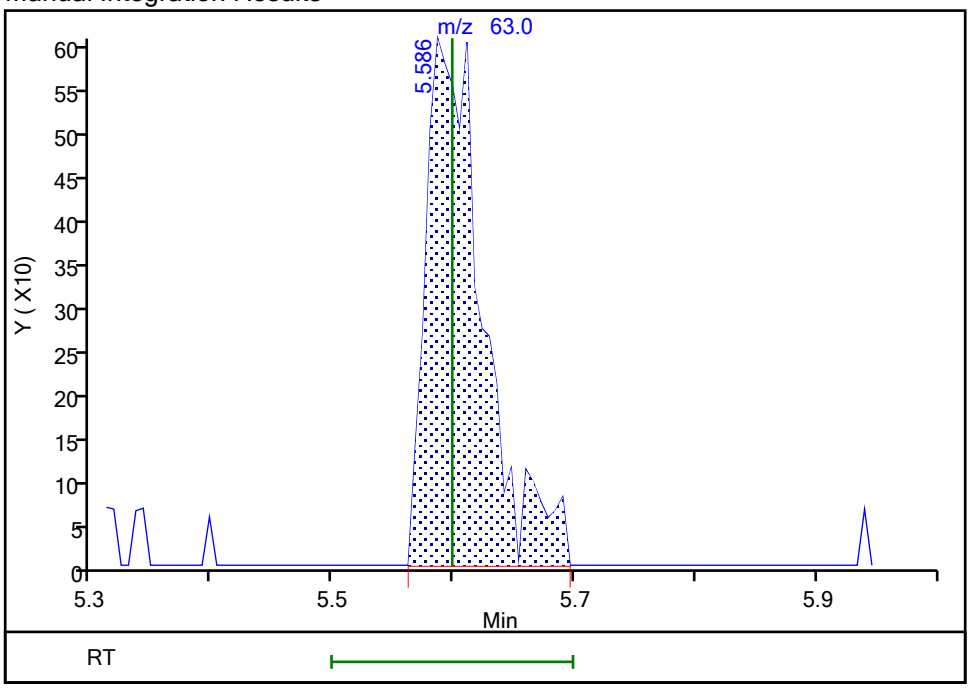
Not Detected
Expected RT: 5.60

Processing Integration Results




Manual Integration Results

RT: 5.59
Area: 2016
Amount: 0.993384
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

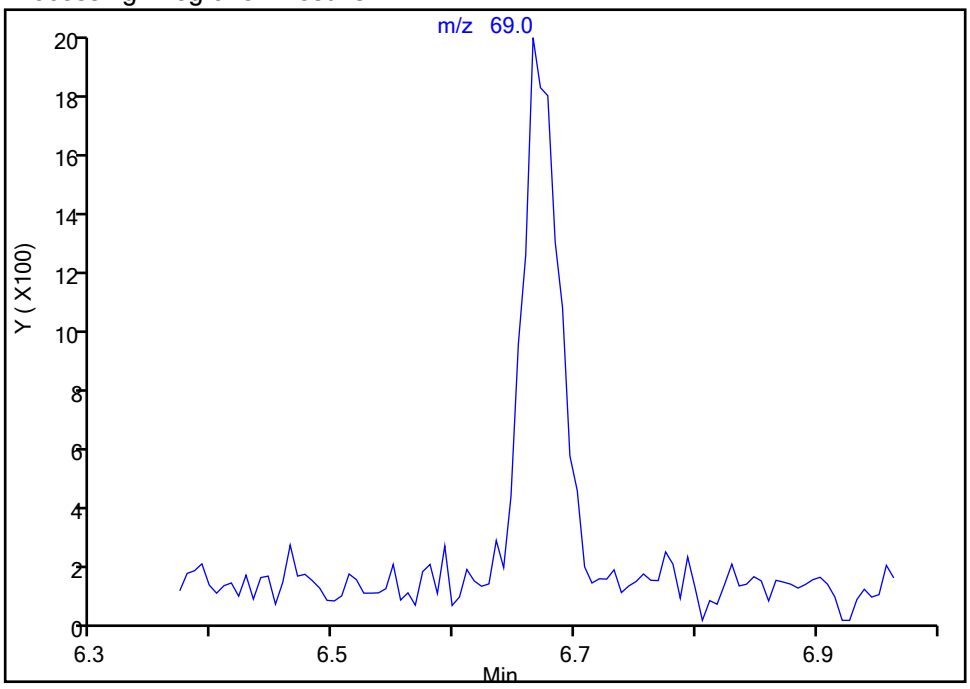
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

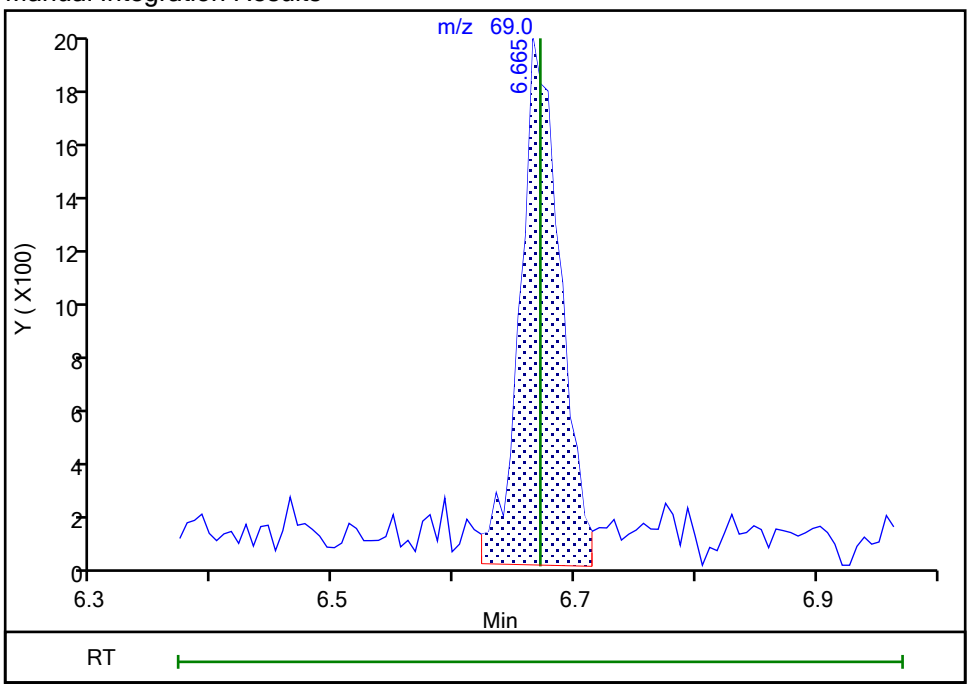
Not Detected
Expected RT: 6.67

Processing Integration Results




Manual Integration Results

RT: 6.67
Area: 4499
Amount: 1.065501
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

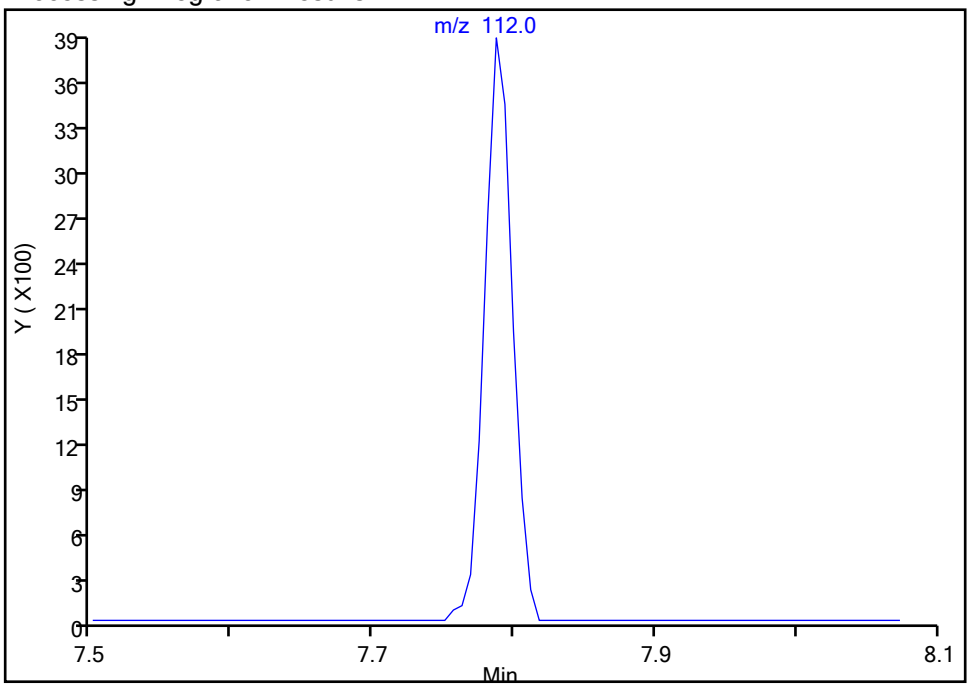
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 91 Chlorobenzene, CAS: 108-90-7

Signal: 1

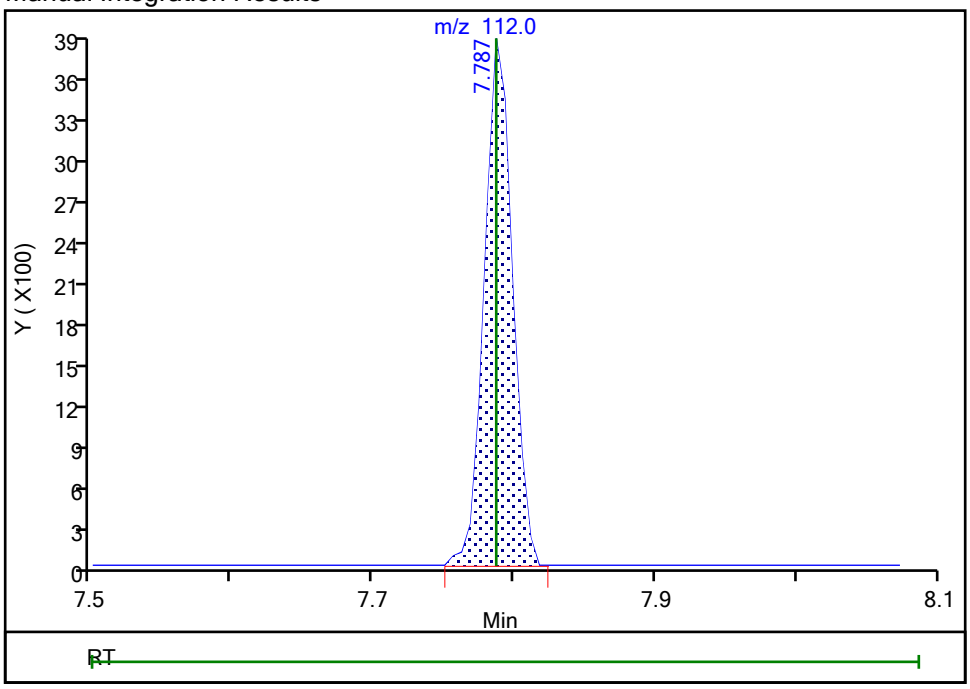
Not Detected
Expected RT: 7.79

Processing Integration Results




Manual Integration Results

RT: 7.79
Area: 5279
Amount: 0.809659
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

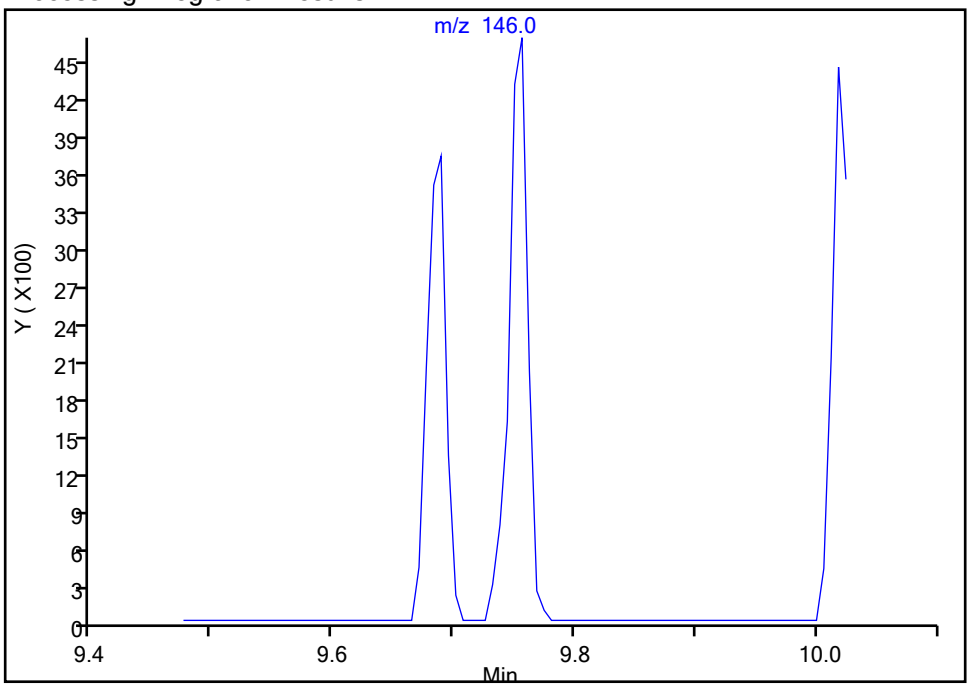
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19228.D
Injection Date: 17-Jan-2025 06:46:30 Instrument ID: CVOAMS2
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 118 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

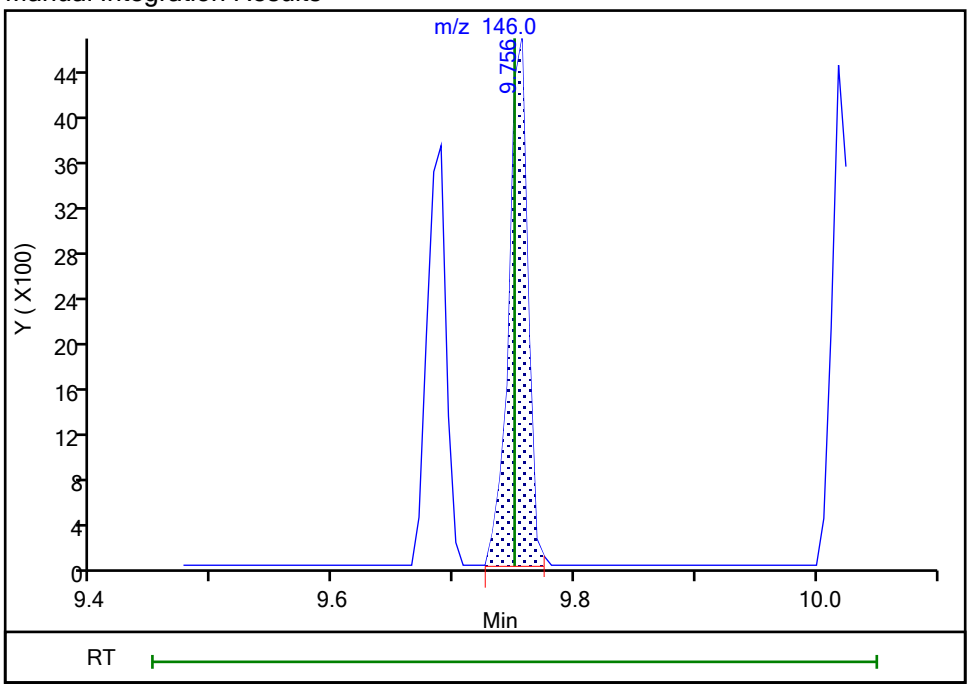
Not Detected
Expected RT: 9.75

Processing Integration Results




Manual Integration Results

RT: 9.76
Area: 5103
Amount: 0.961804
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:46:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jan-2025 07:12:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0185886-004
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:11:26 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 08:08:21

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.953 | 0.965 | -0.012 | 51 | 22988 | 5.00 | 3.89 | |
| 2 Chlorodifluoromethane | 67 | 0.953 | 0.971 | -0.018 | 95 | 5138 | 5.00 | 4.74 | |
| 3 Chloromethane | 50 | 1.075 | 1.087 | -0.012 | 99 | 32528 | 5.00 | 4.84 | |
| 4 Vinyl chloride | 62 | 1.136 | 1.142 | -0.006 | 98 | 23472 | 5.00 | 4.68 | |
| 5 Butadiene | 54 | 1.154 | 1.172 | -0.018 | 91 | 21284 | 5.00 | 4.08 | |
| 6 Bromomethane | 94 | 1.337 | 1.349 | -0.012 | 94 | 17479 | 5.00 | 5.40 | |
| 7 Chloroethane | 64 | 1.355 | 1.374 | -0.019 | 94 | 15086 | 5.00 | 4.85 | |
| 9 Dichlorofluoromethane | 67 | 1.526 | 1.532 | -0.006 | 81 | 45360 | 5.00 | 4.94 | |
| 8 Pentane | 43 | 1.526 | 1.538 | -0.012 | 96 | 76473 | 10.0 | 10.8 | |
| 10 Trichlorofluoromethane | 101 | 1.557 | 1.563 | -0.007 | 93 | 27201 | 5.00 | 4.32 | a |
| 12 Ethanol | 46 | 1.642 | 1.666 | -0.024 | 76 | 3814 | 200.0 | 250.5 | |
| 11 Ethyl ether | 59 | 1.660 | 1.678 | -0.018 | 96 | 17215 | 5.00 | 4.57 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.691 | -0.013 | 82 | 22512 | 5.00 | 5.25 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 82 | 11899 | 5.00 | 4.19 | a |
| 16 Acrolein | 56 | 1.752 | 1.764 | -0.012 | 95 | 127186 | 200.0 | 165.7 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.776 | 1.776 | 0.000 | 78 | 22484 | 5.00 | 4.32 | a |
| 17 1,1-Dichloroethene | 96 | 1.825 | 1.819 | 0.006 | 94 | 13808 | 5.00 | 5.03 | |
| 19 Acetone | 43 | 1.861 | 1.867 | -0.006 | 87 | 31426 | 25.0 | 27.2 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.861 | 1.867 | -0.006 | 81 | 13407 | 5.00 | 4.77 | |
| 20 Iodomethane | 142 | 1.922 | 1.941 | -0.019 | 99 | 21064 | 5.00 | 5.10 | |
| 21 Carbon disulfide | 76 | 1.953 | 1.965 | -0.012 | 99 | 56258 | 5.00 | 4.91 | a |
| 22 Isopropyl alcohol | 45 | 1.977 | 1.995 | -0.018 | 96 | 11629 | 50.0 | 37.5 | |
| 24 3-Chloro-1-propene | 39 | 2.056 | 2.069 | -0.013 | 91 | 18039 | 5.00 | 4.40 | |
| 23 Acetonitrile | 40 | 2.050 | 2.075 | -0.025 | 79 | 11030 | 50.0 | 58.6 | |
| 25 Methyl acetate | 43 | 2.075 | 2.093 | -0.018 | 99 | 26640 | 10.0 | 10.4 | |
| 27 Methylene Chloride | 84 | 2.154 | 2.160 | -0.006 | 67 | 19431 | 5.00 | 5.31 | |
| * 28 TBA-d9 (IS) | 65 | 2.221 | 2.239 | -0.018 | 0 | 542546 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.264 | 2.288 | -0.024 | 33 | 29634 | 50.0 | 53.3 | a |
| 29 Acrylonitrile | 53 | 2.331 | 2.337 | -0.006 | 97 | 75773 | 50.0 | 48.9 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.337 | 2.349 | -0.012 | 62 | 15146 | 5.00 | 4.94 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.361 | 2.373 | -0.012 | 98 | 53199 | 5.00 | 5.11 | |
| 32 Hexane | 57 | 2.556 | 2.562 | -0.006 | 93 | 20063 | 5.00 | 4.53 | |
| 33 1,1-Dichloroethane | 63 | 2.660 | 2.666 | -0.006 | 100 | 30131 | 5.00 | 5.04 | |
| 34 Vinyl acetate | 86 | 2.715 | 2.727 | -0.012 | 100 | 6047 | 10.0 | 9.49 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.733 | 2.733 | 0.000 | 71 | 13048 | 5.00 | 4.65 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.757 | -0.006 | 87 | 57208 | 5.00 | 5.14 | |
| 37 Tert-butyl ethyl ether | 87 | 3.044 | 3.050 | -0.006 | 92 | 20372 | 5.00 | 5.00 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.123 | -0.006 | 0 | 460666 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.142 | 3.148 | -0.006 | 92 | 17051 | 5.00 | 5.05 | |
| 40 2,2-Dichloropropane | 79 | 3.148 | 3.160 | -0.012 | 69 | 8279 | 5.00 | 5.09 | a |
| 41 2-Butanone (MEK) | 72 | 3.178 | 3.172 | 0.006 | 98 | 10237 | 25.0 | 23.2 | M |
| 42 Propionitrile | 54 | 3.215 | 3.221 | -0.006 | 95 | 31427 | 50.0 | 54.8 | |
| 43 Ethyl acetate | 43 | 3.233 | 3.245 | -0.012 | 99 | 46366 | 10.0 | 10.2 | |
| 44 Methyl acrylate | 55 | 3.263 | 3.263 | 0.000 | 98 | 20965 | 5.00 | 5.23 | a |
| 45 Chlorobromomethane | 128 | 3.349 | 3.349 | 0.000 | 49 | 7738 | 5.00 | 4.82 | |
| 46 Methacrylonitrile | 67 | 3.349 | 3.355 | -0.006 | 92 | 75068 | 50.0 | 50.2 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.410 | -0.006 | 95 | 13756 | 10.0 | 8.43 | |
| 48 Chloroform | 83 | 3.428 | 3.440 | -0.012 | 98 | 28472 | 5.00 | 5.05 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.574 | 3.580 | -0.006 | 94 | 158365 | 50.0 | 50.6 | |
| 50 1,1,1-Trichloroethane | 97 | 3.587 | 3.599 | -0.012 | 96 | 22246 | 5.00 | 4.96 | M |
| 51 Cyclohexane | 84 | 3.641 | 3.660 | -0.019 | 94 | 21180 | 5.00 | 4.61 | |
| 52 1,1-Dichloropropene | 75 | 3.739 | 3.745 | -0.006 | 93 | 19659 | 5.00 | 4.80 | |
| 53 Carbon tetrachloride | 117 | 3.745 | 3.751 | -0.006 | 68 | 16320 | 5.00 | 4.64 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.885 | 3.891 | -0.006 | 0 | 193568 | 50.0 | 50.5 | |
| 55 Benzene | 78 | 3.940 | 3.940 | 0.000 | 96 | 59688 | 5.00 | 5.05 | |
| 56 Isobutyl alcohol | 42 | 3.958 | 3.946 | 0.012 | 49 | 13000 | 125.0 | 112.5 | a |
| 57 1,2-Dichloroethane | 62 | 3.958 | 3.965 | -0.007 | 96 | 22875 | 5.00 | 5.18 | |
| 58 Isooctane | 57 | 4.050 | 4.056 | -0.006 | 96 | 55968 | 5.00 | 4.16 | |
| 60 Tert-amyl methyl ether | 73 | 4.087 | 4.093 | -0.007 | 78 | 54596 | 5.00 | 4.83 | |
| 59 Isopropyl acetate | 61 | 4.080 | 4.093 | -0.013 | 92 | 6650 | 5.00 | 5.01 | |
| * 61 Fluorobenzene | 96 | 4.227 | 4.233 | -0.006 | 98 | 577165 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.257 | 4.257 | 0.000 | 91 | 19294 | 5.00 | 4.42 | a |
| 63 Trichloroethene | 95 | 4.617 | 4.617 | 0.000 | 92 | 13555 | 5.00 | 4.86 | |
| 64 n-Butanol | 43 | 4.647 | 4.635 | 0.012 | 96 | 6870 | 125.0 | 115.8 | |
| 65 Ethyl acrylate | 55 | 4.812 | 4.812 | 0.000 | 92 | 40341 | 5.00 | 4.78 | |
| 66 Methylcyclohexane | 83 | 4.818 | 4.824 | -0.006 | 97 | 24053 | 5.00 | 4.46 | |
| 67 1,2-Dichloropropane | 63 | 4.855 | 4.861 | -0.006 | 94 | 16687 | 5.00 | 4.98 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 29630 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.970 | 4.983 | -0.013 | 87 | 10133 | 5.00 | 5.04 | |
| 70 1,4-Dioxane | 88 | 5.025 | 5.044 | -0.019 | 38 | 3885 | 100.0 | 121.0 | |
| 71 Methyl methacrylate | 100 | 5.050 | 5.062 | -0.012 | 93 | 7223 | 10.0 | 10.0 | |
| 72 n-Propyl acetate | 43 | 5.147 | 5.147 | 0.000 | 99 | 23059 | 5.00 | 5.03 | |
| 73 Dichlorobromomethane | 83 | 5.184 | 5.190 | -0.006 | 98 | 18304 | 5.00 | 4.81 | |
| 74 2-Nitropropane | 41 | 5.470 | 5.476 | -0.006 | 97 | 8726 | 10.0 | 10.7 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.586 | 5.598 | -0.012 | 93 | 9662 | 5.01 | 4.79 | |
| 76 Epichlorohydrin | 57 | 5.635 | 5.641 | -0.006 | 99 | 37705 | 100.0 | 97.9 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.739 | 5.732 | 0.007 | 96 | 22285 | 5.00 | 4.84 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.976 | 5.976 | 0.000 | 98 | 94704 | 25.0 | 24.1 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.056 | 6.062 | -0.006 | 98 | 546416 | 50.0 | 49.9 | |
| 80 Toluene | 91 | 6.141 | 6.147 | -0.006 | 93 | 54461 | 5.00 | 4.83 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.470 | 6.470 | 0.000 | 97 | 18824 | 5.00 | 4.77 | |
| 82 Ethyl methacrylate | 69 | 6.671 | 6.671 | 0.000 | 89 | 19808 | 5.00 | 4.72 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.702 | 6.702 | 0.000 | 93 | 10788 | 5.00 | 5.04 | |
| 84 Tetrachloroethene | 166 | 6.848 | 6.848 | 0.000 | 91 | 9718 | 5.00 | 4.66 | |
| 85 1,3-Dichloropropane | 76 | 6.897 | 6.903 | -0.006 | 93 | 20597 | 5.00 | 5.02 | |
| 86 2-Hexanone | 43 | 7.068 | 7.068 | 0.000 | 98 | 62144 | 25.0 | 24.7 | |
| 87 Chlorodibromomethane | 129 | 7.153 | 7.153 | 0.000 | 96 | 10236 | 5.00 | 4.53 | |
| 88 Ethylene Dibromide | 107 | 7.251 | 7.250 | 0.001 | 98 | 10706 | 5.00 | 4.91 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | 0.000 | 99 | 25540 | 5.00 | 5.11 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 91 | 355628 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.787 | 7.787 | 0.000 | 93 | 30708 | 5.00 | 4.78 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.885 | 7.891 | -0.006 | 91 | 11889 | 5.00 | 4.95 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 17348 | 5.00 | 4.84 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 21107 | 5.00 | 4.76 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 93 | 21893 | 5.00 | 4.70 | |
| 96 Styrene | 104 | 8.409 | 8.409 | 0.000 | 92 | 33390 | 5.00 | 4.48 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 97 | 11579 | 5.00 | 4.87 | |
| 98 Bromoform | 173 | 8.549 | 8.543 | 0.006 | 91 | 5687 | 5.00 | 4.19 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.640 | 8.640 | 0.000 | 90 | 30231 | 5.00 | 5.41 | |
| 439 (-)-a-Pinene | 93 | 8.701 | 8.701 | 0.000 | 97 | 19995 | 5.00 | 4.13 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 97 | 49289 | 5.00 | 4.28 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 82 | 132222 | 50.0 | 52.9 | |
| 102 Bromobenzene | 156 | 8.939 | 8.939 | 0.000 | 92 | 12001 | 5.00 | 4.93 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.988 | 8.982 | 0.006 | 98 | 18381 | 5.00 | 5.22 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 97 | 4814 | 5.00 | 5.50 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 87 | 5093 | 5.00 | 5.11 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 14070 | 5.00 | 4.89 | |
| 107 2-Chlorotoluene | 126 | 9.110 | 9.110 | 0.000 | 97 | 12767 | 5.00 | 5.07 | |
| 108 4-Ethyltoluene | 105 | 9.159 | 9.159 | 0.000 | 99 | 52808 | 5.00 | 4.84 | |
| 109 4-Chlorotoluene | 91 | 9.201 | 9.201 | 0.000 | 99 | 44905 | 5.00 | 4.65 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.214 | 9.214 | 0.000 | 91 | 45604 | 5.00 | 4.66 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 93 | 18661 | 5.00 | 5.02 | |
| 112 tert-Butylbenzene | 119 | 9.457 | 9.457 | 0.000 | 92 | 33378 | 5.00 | 4.32 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.494 | 9.494 | 0.000 | 98 | 47941 | 5.00 | 4.75 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.628 | -0.006 | 98 | 56765 | 5.00 | 4.58 | |
| 115 1,3-Dichlorobenzene | 146 | 9.683 | 9.683 | 0.000 | 92 | 24094 | 5.00 | 4.97 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 99 | 194114 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.744 | -0.006 | 97 | 49228 | 5.00 | 4.46 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 91 | 23780 | 5.00 | 4.60 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 100 | 51562 | 5.00 | 4.80 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 98 | 5556 | 5.00 | 5.09 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 48148 | 5.00 | 4.43 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 91 | 24035 | 5.00 | 4.57 | |
| 122 p-Diethylbenzene | 119 | 10.024 | 10.024 | 0.000 | 92 | 30072 | 5.00 | 4.46 | |
| 124 n-Butylbenzene | 92 | 10.037 | 10.037 | 0.000 | 97 | 27816 | 5.00 | 4.44 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 48650 | 5.00 | 4.68 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 86 | 3255 | 5.00 | 4.78 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.719 | 10.719 | 0.000 | 93 | 18348 | 5.00 | 4.88 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 92 | 17863 | 5.00 | 4.97 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 88 | 7017 | 5.00 | 4.64 | |
| 130 Naphthalene | 128 | 11.299 | 11.298 | 0.001 | 99 | 58553 | 5.00 | 5.37 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 92 | 17817 | 5.00 | 5.04 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 9.99 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 10.0 | 9.61 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 10.0 | 9.46 | |
| S 135 Total BTEX | 1 | | | | 0 | | 25.0 | 24.2 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00621 | Amount Added: | 5.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 5.00 | Units: uL | |
| 524FREONS_00029 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 20.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 16:11:33 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D

Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2 Operator ID:

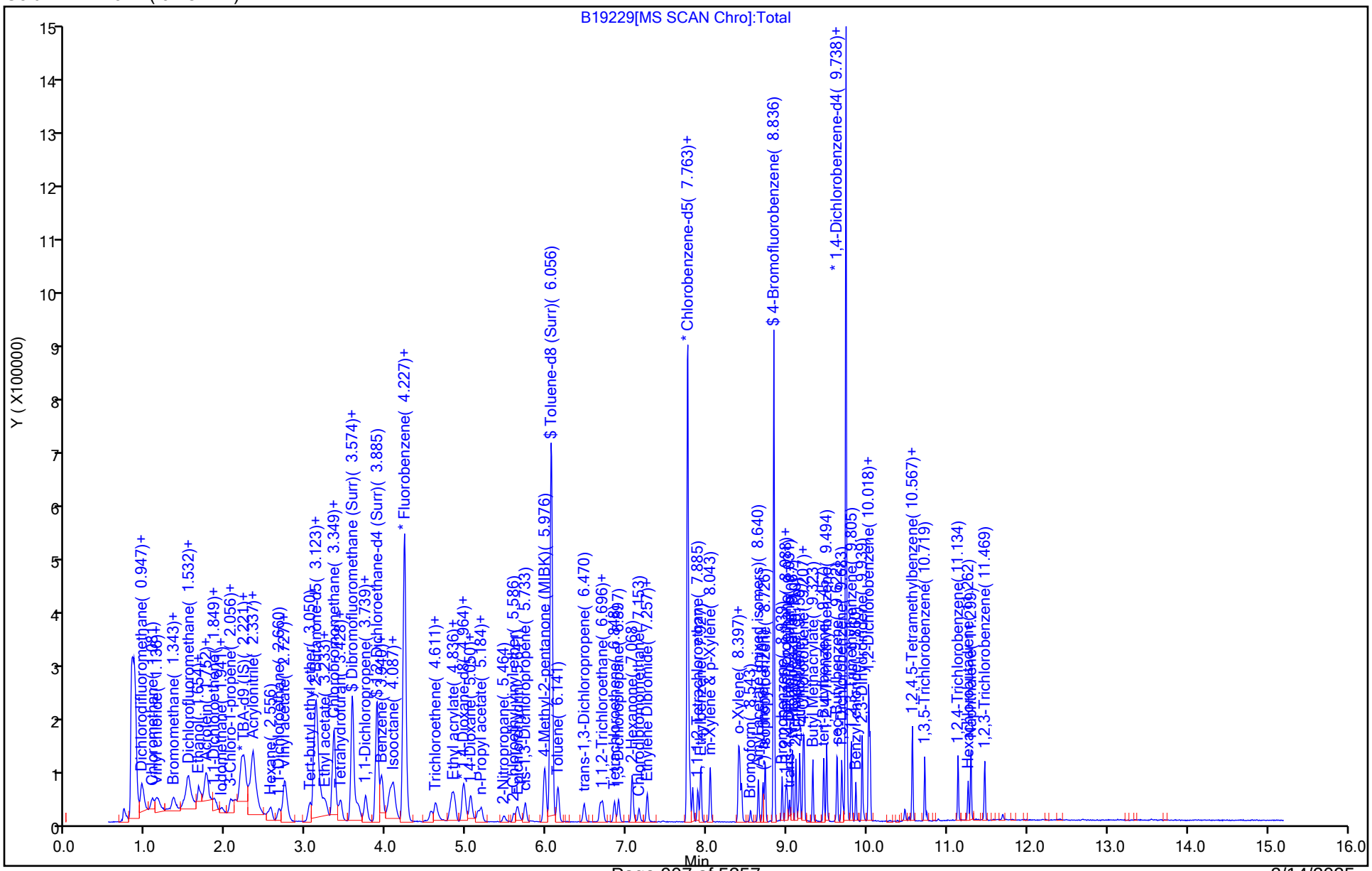
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

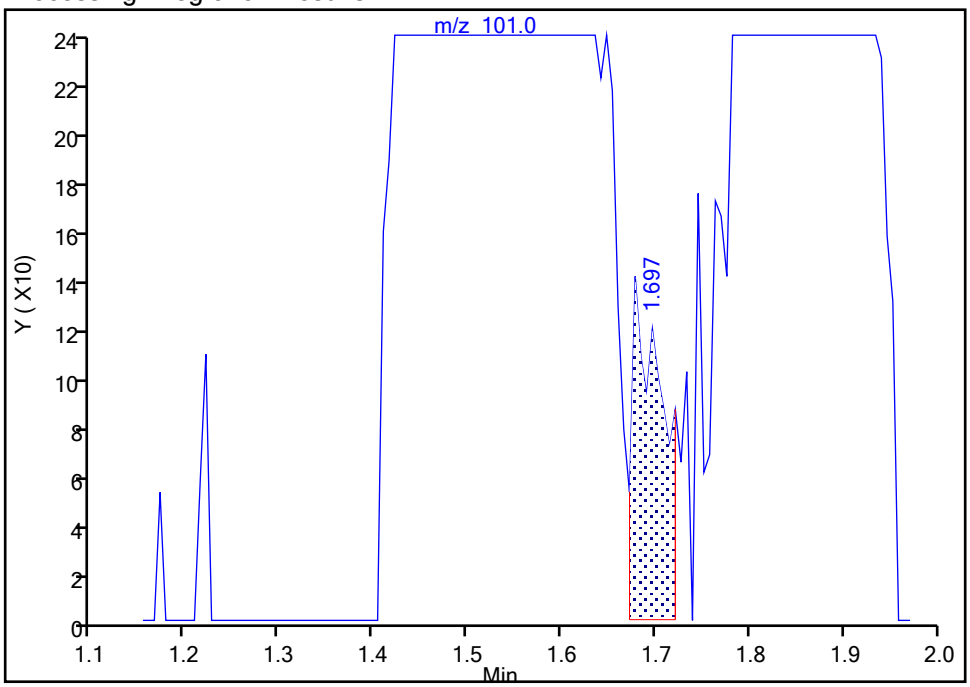
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

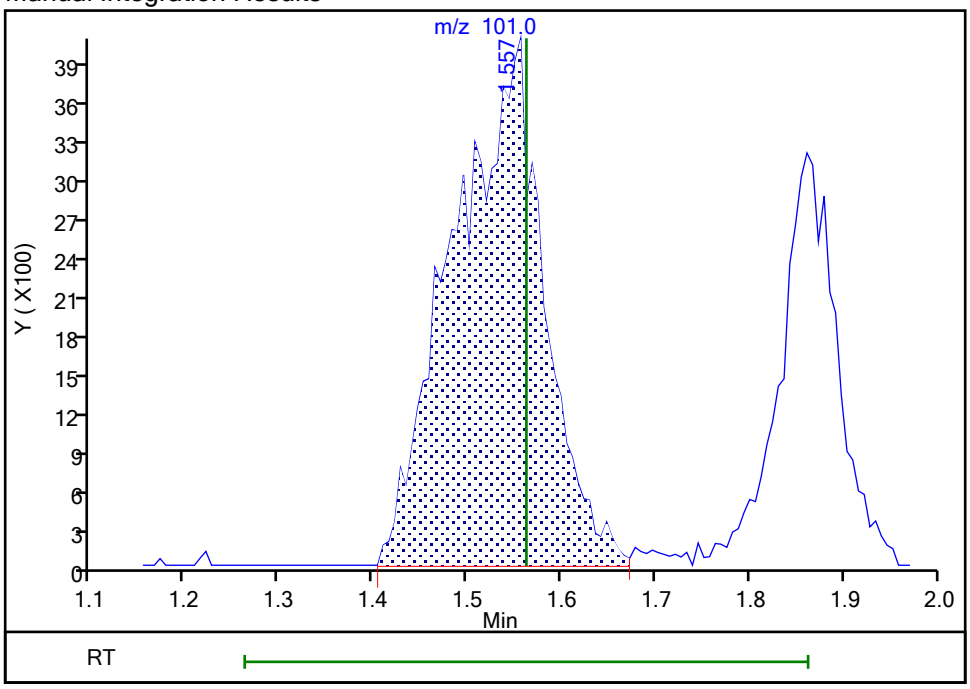
Processing Integration Results

RT: 1.70
Area: 305
Amount: 0.041599
Amount Units: ug/l




Manual Integration Results

RT: 1.56
Area: 27201
Amount: 4.320534
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:30:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

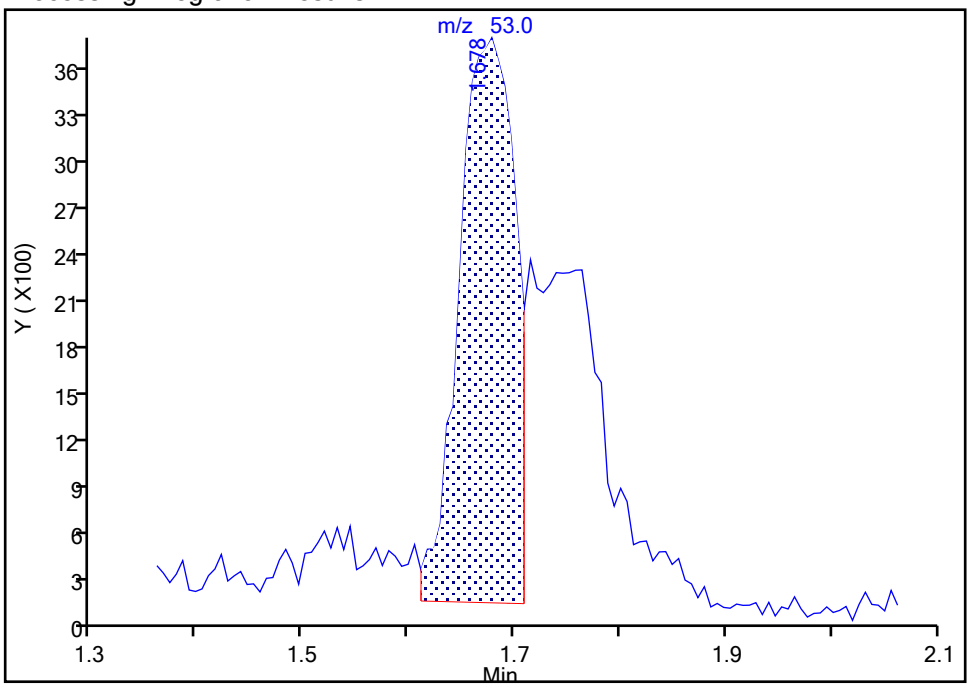
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

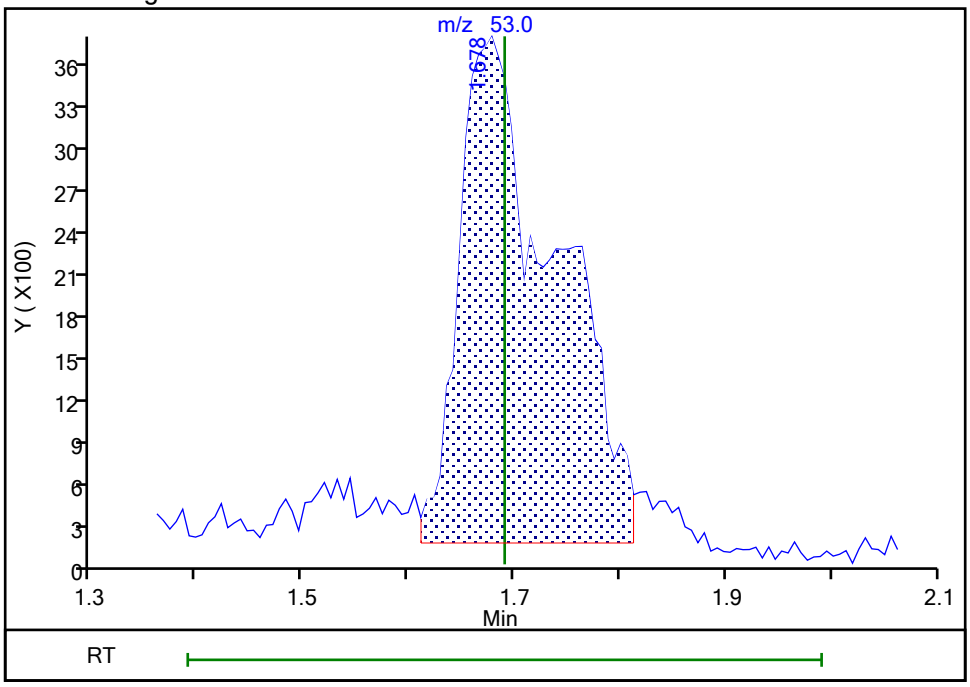
Processing Integration Results

RT: 1.68
Area: 13252
Amount: 4.094706
Amount Units: ug/l




Manual Integration Results

RT: 1.68
Area: 22512
Amount: 5.254632
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:57:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison

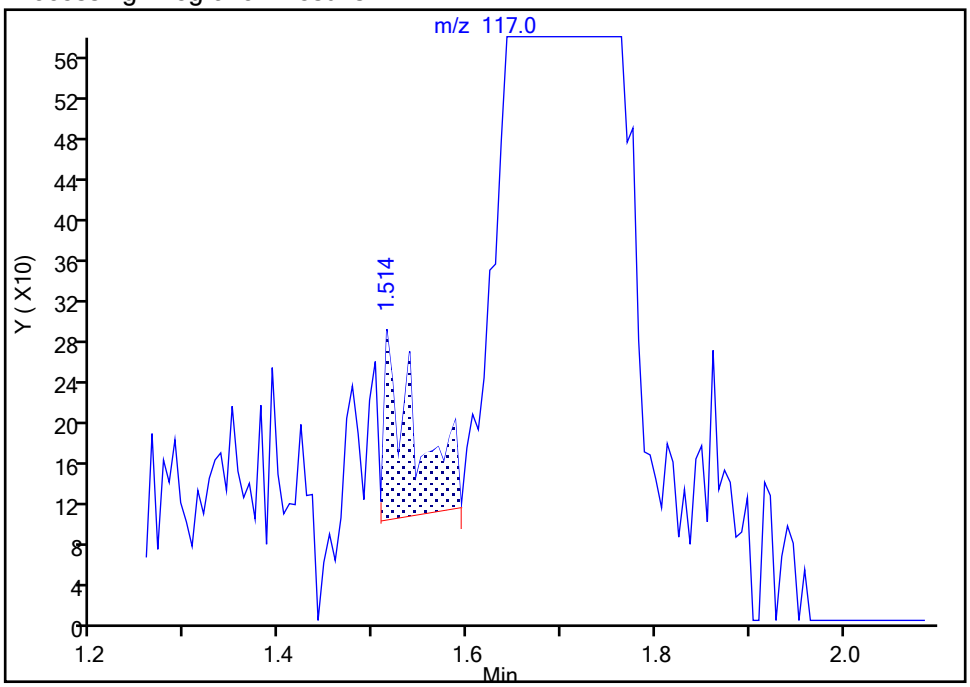
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

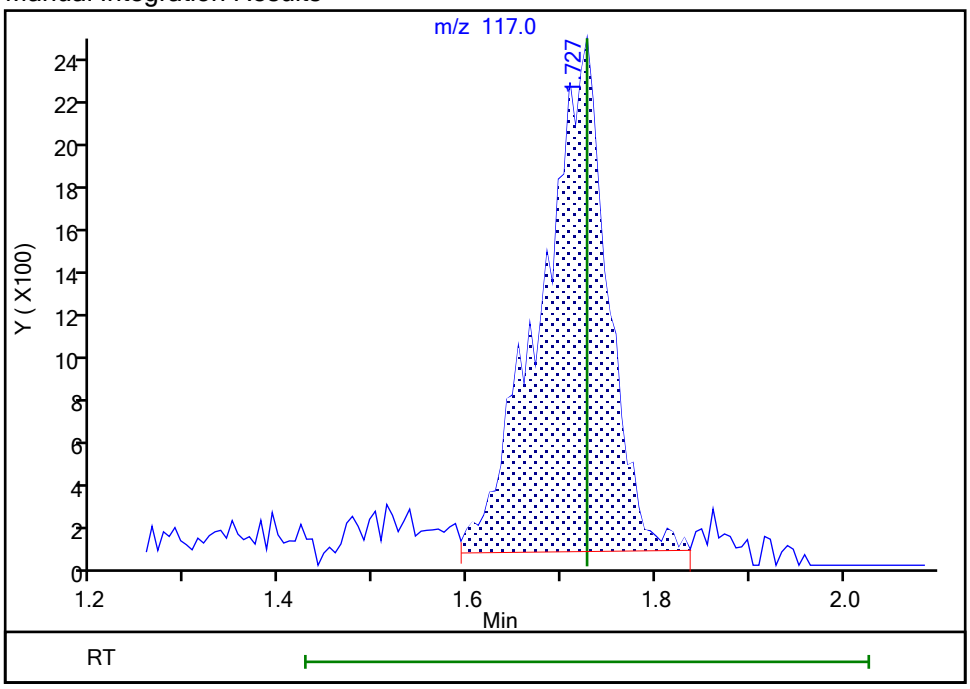
Processing Integration Results

RT: 1.51
Area: 419
Amount: 0.194603
Amount Units: ug/l




Manual Integration Results

RT: 1.73
Area: 11899
Amount: 4.193636
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:30:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

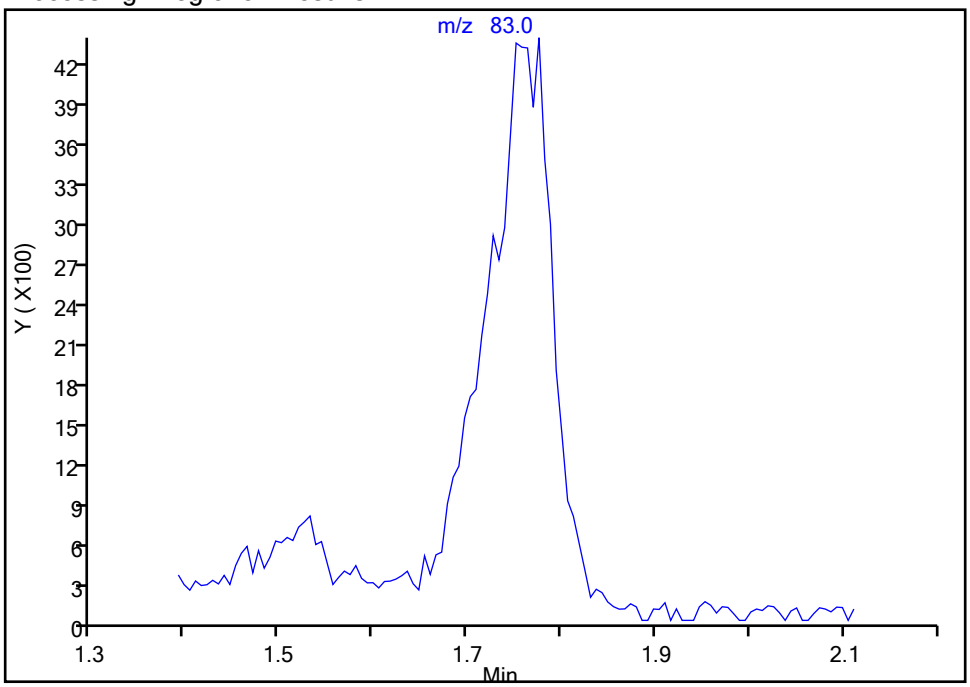
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

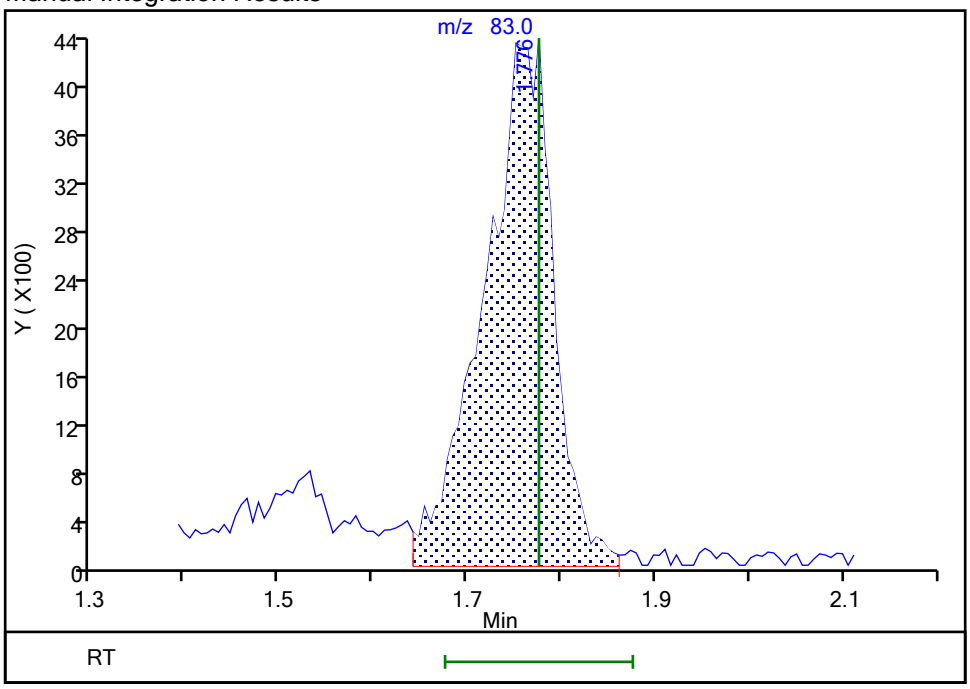
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.78
Area: 22484
Amount: 4.317088
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:30:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

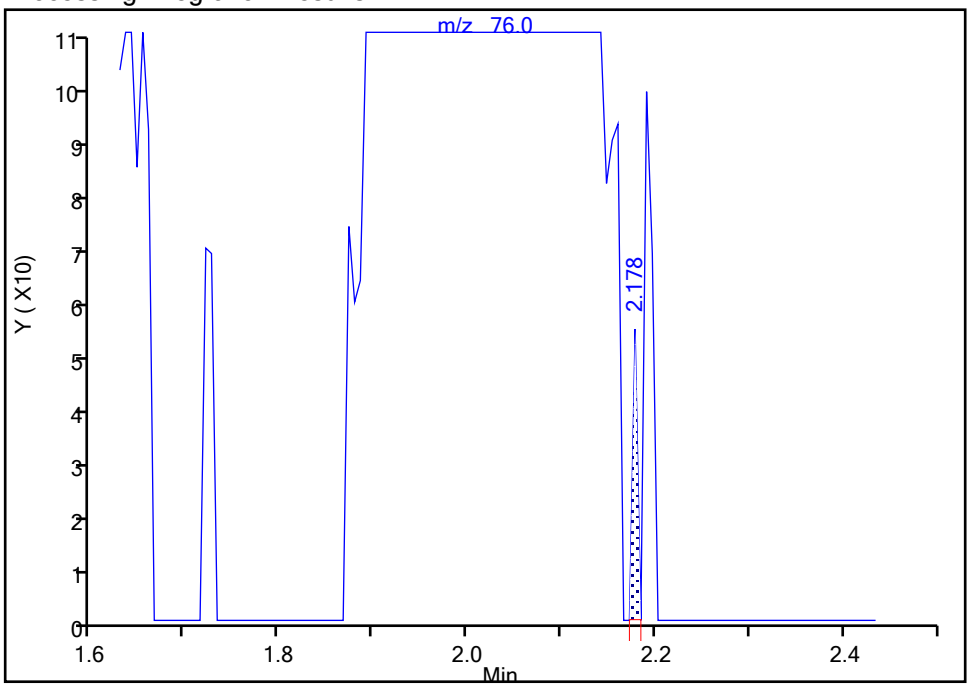
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

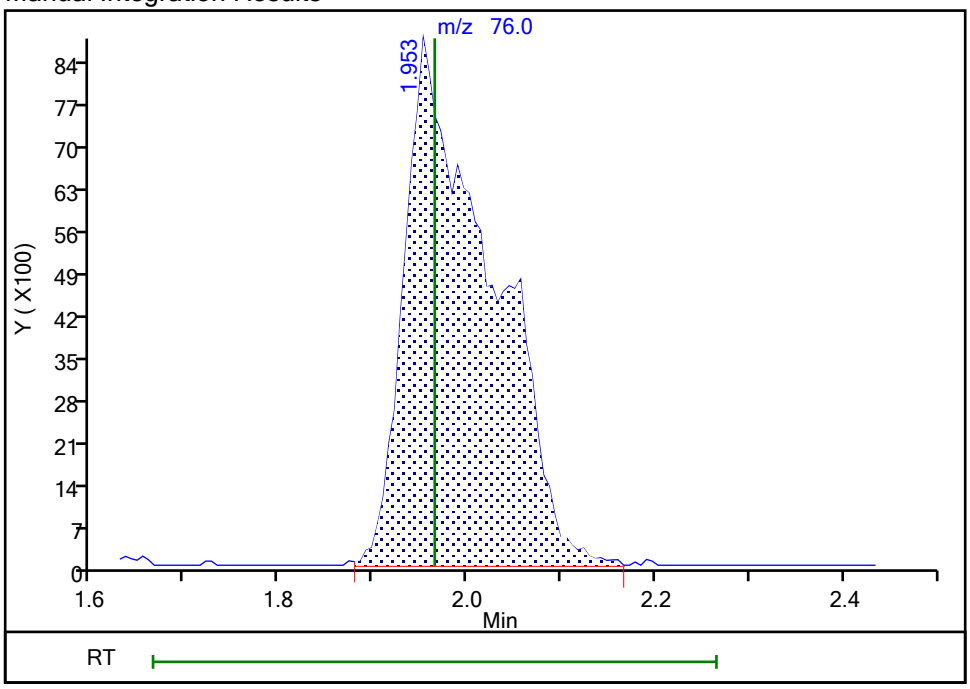
Processing Integration Results

RT: 2.18
Area: 20
Amount: 0.002085
Amount Units: ug/l




Manual Integration Results

RT: 1.95
Area: 56258
Amount: 4.905713
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:30:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

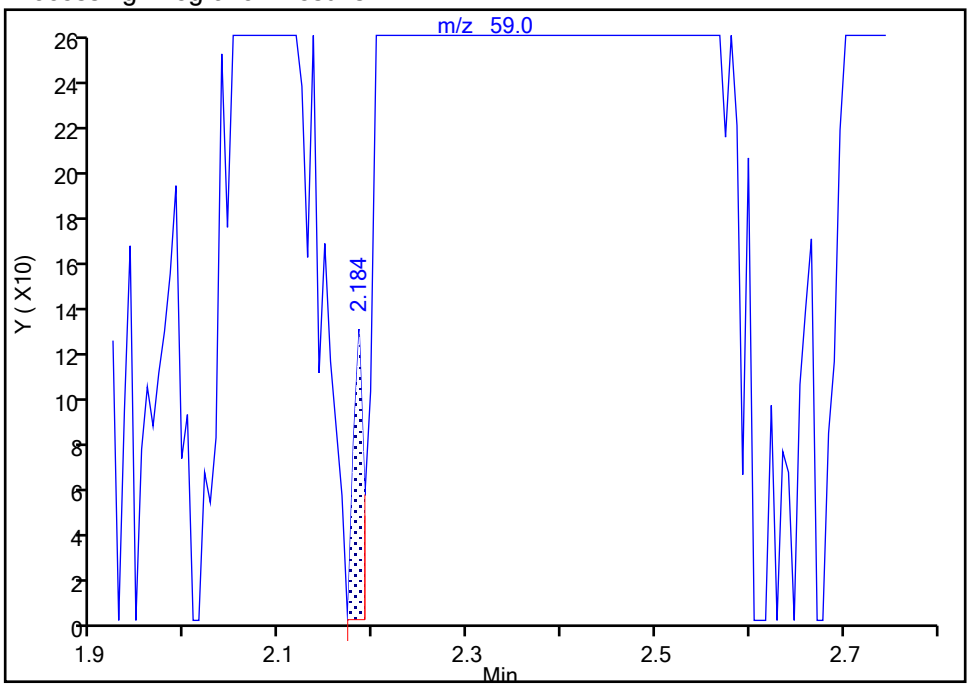
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

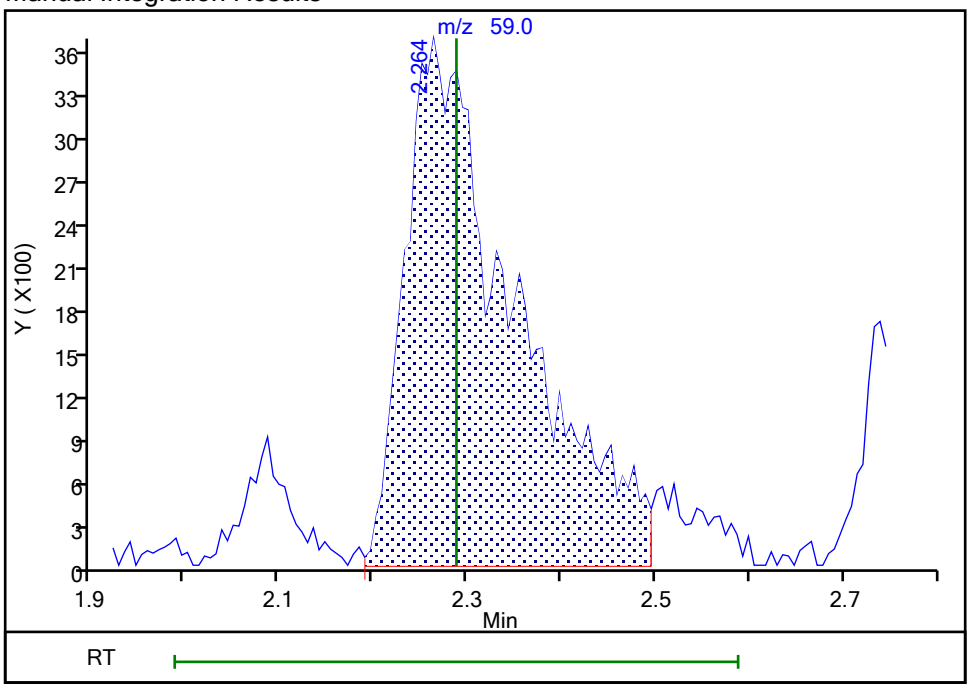
Processing Integration Results

RT: 2.18
Area: 94
Amount: 0.205401
Amount Units: ug/l




Manual Integration Results

RT: 2.26
Area: 29634
Amount: 53.288305
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

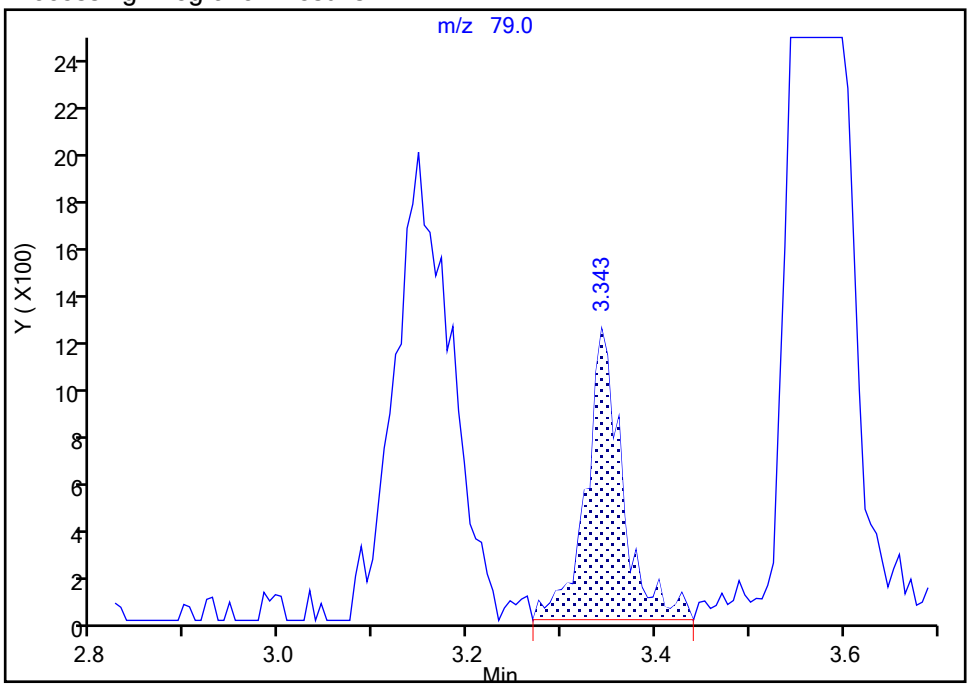
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

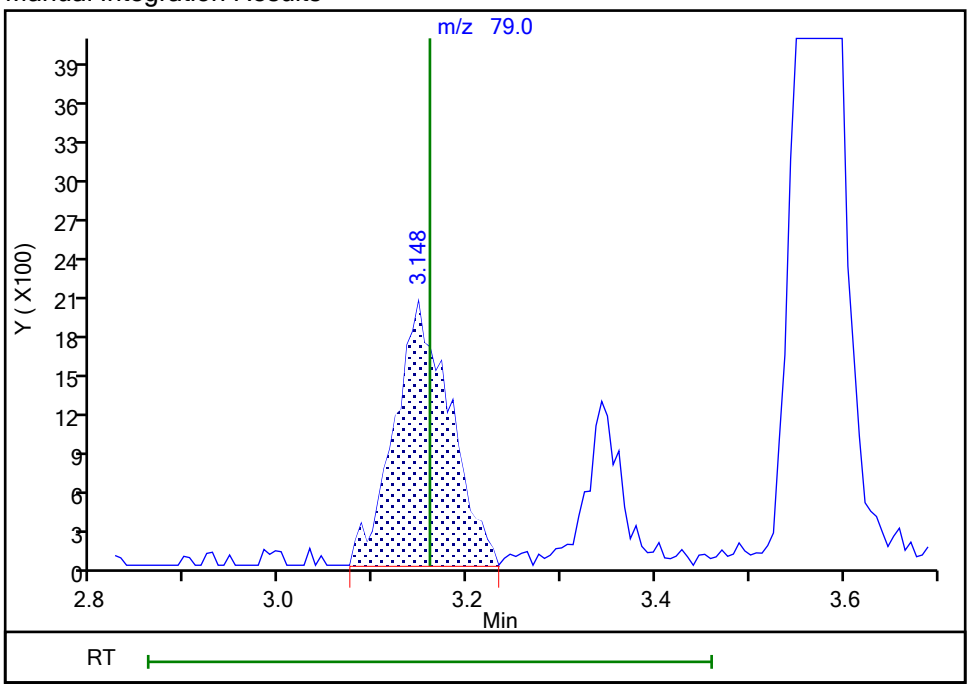
Processing Integration Results

RT: 3.34
Area: 3358
Amount: 2.384044
Amount Units: ug/l




Manual Integration Results

RT: 3.15
Area: 8279
Amount: 5.086221
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

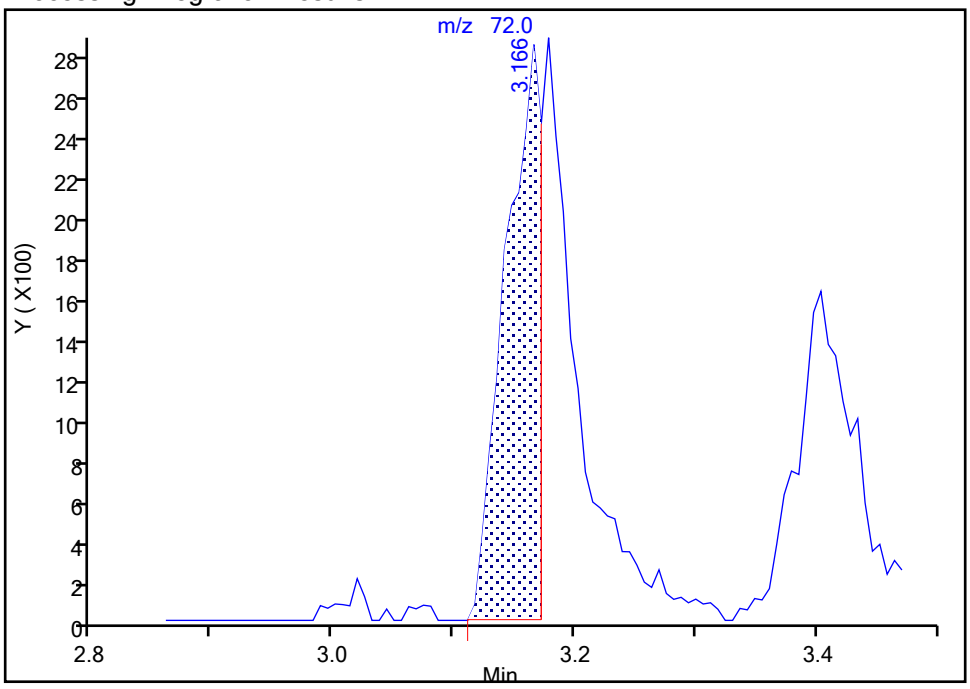
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 41 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

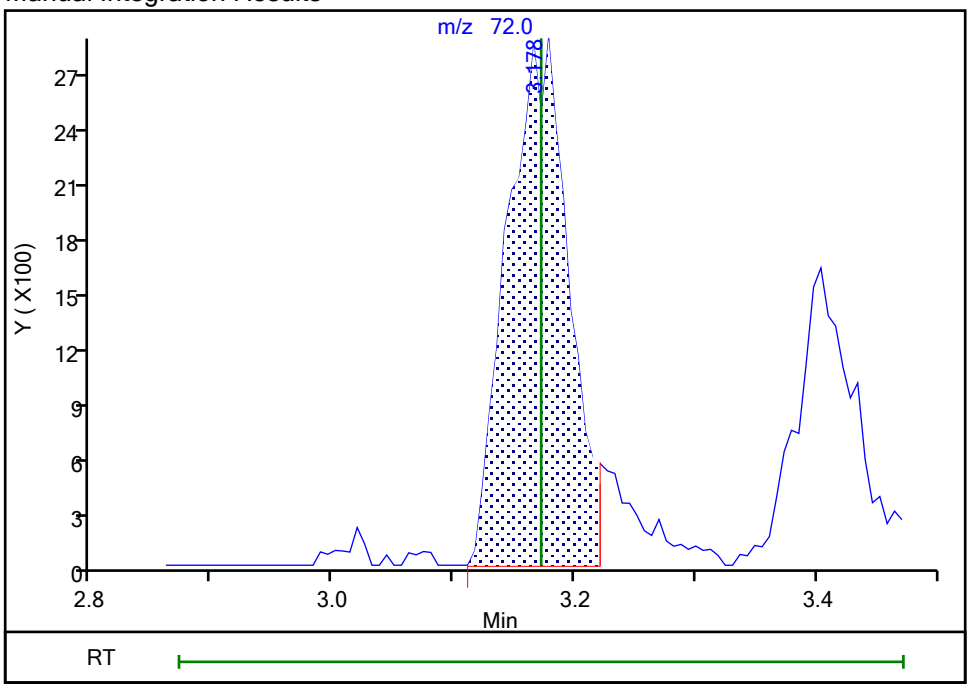
Processing Integration Results

RT: 3.17
Area: 5954
Amount: 13.756821
Amount Units: ug/l




Manual Integration Results

RT: 3.18
Area: 10237
Amount: 23.228086
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:19 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

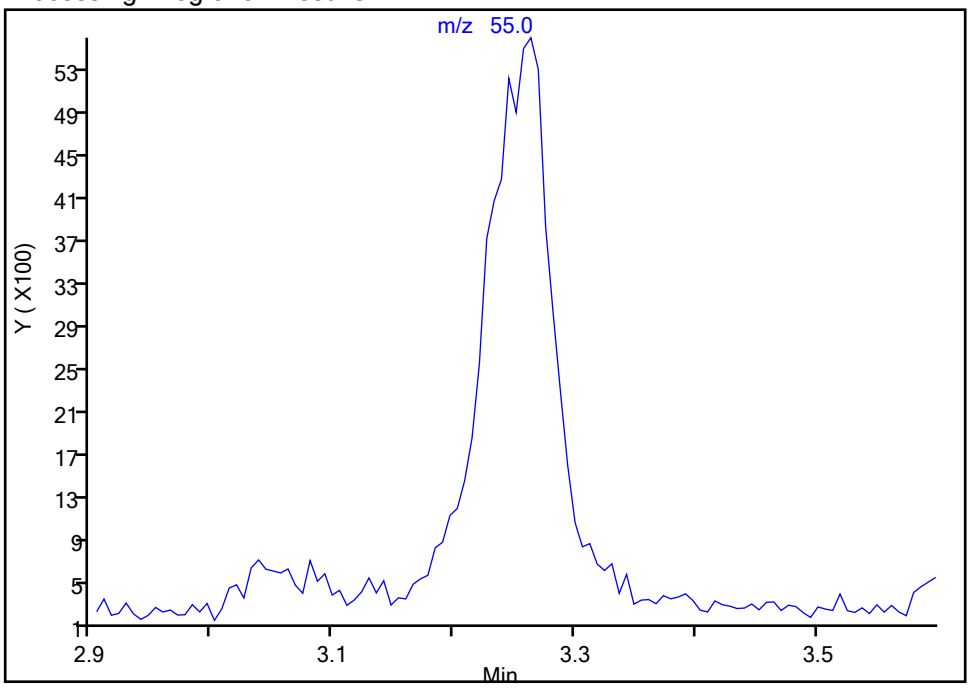
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 44 Methyl acrylate, CAS: 96-33-3

Signal: 1

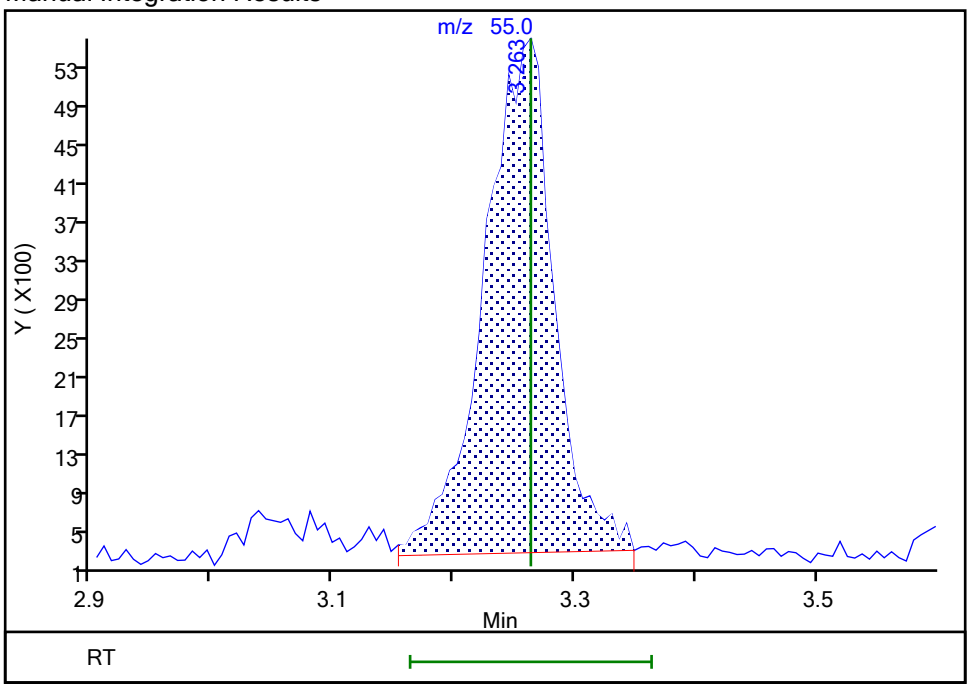
Not Detected
Expected RT: 3.26

Processing Integration Results




Manual Integration Results

RT: 3.26
Area: 20965
Amount: 5.228677
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

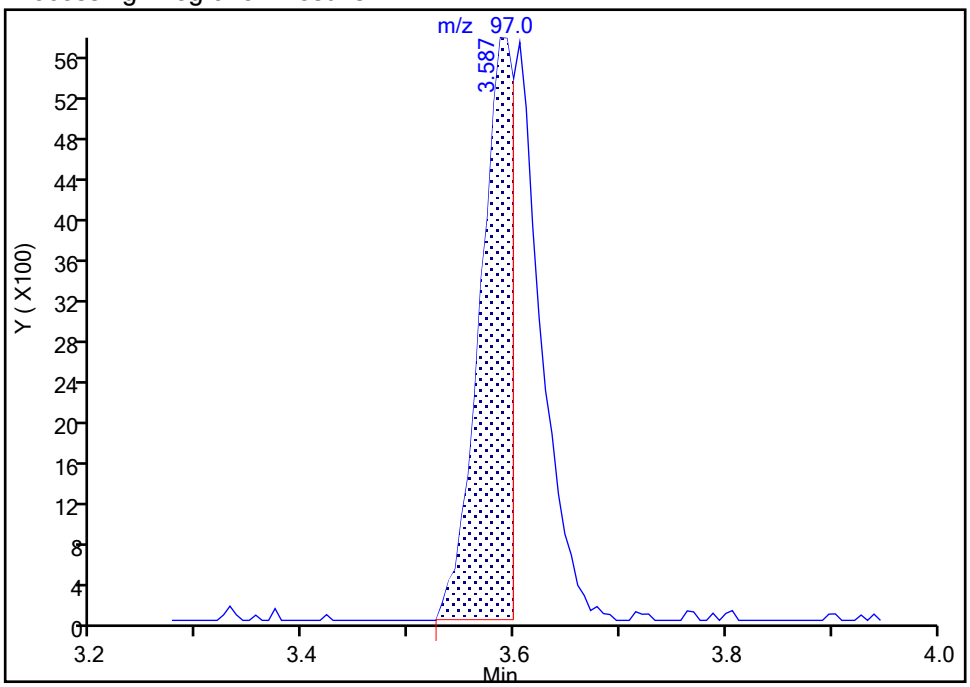
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

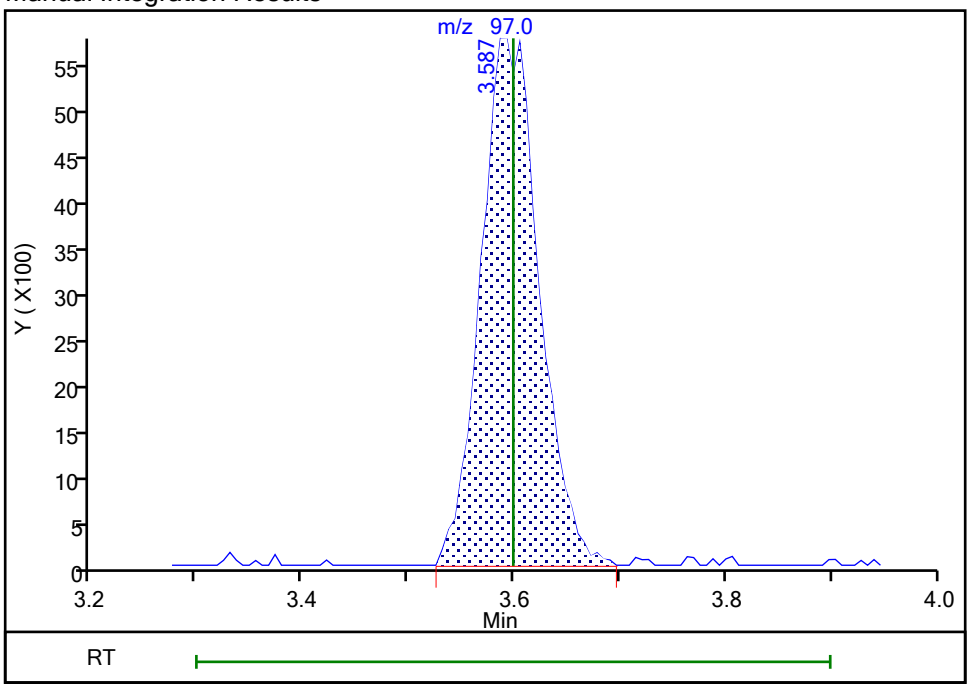
Processing Integration Results

RT: 3.59
Area: 12889
Amount: 2.922550
Amount Units: ug/l




Manual Integration Results

RT: 3.59
Area: 22246
Amount: 4.962789
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

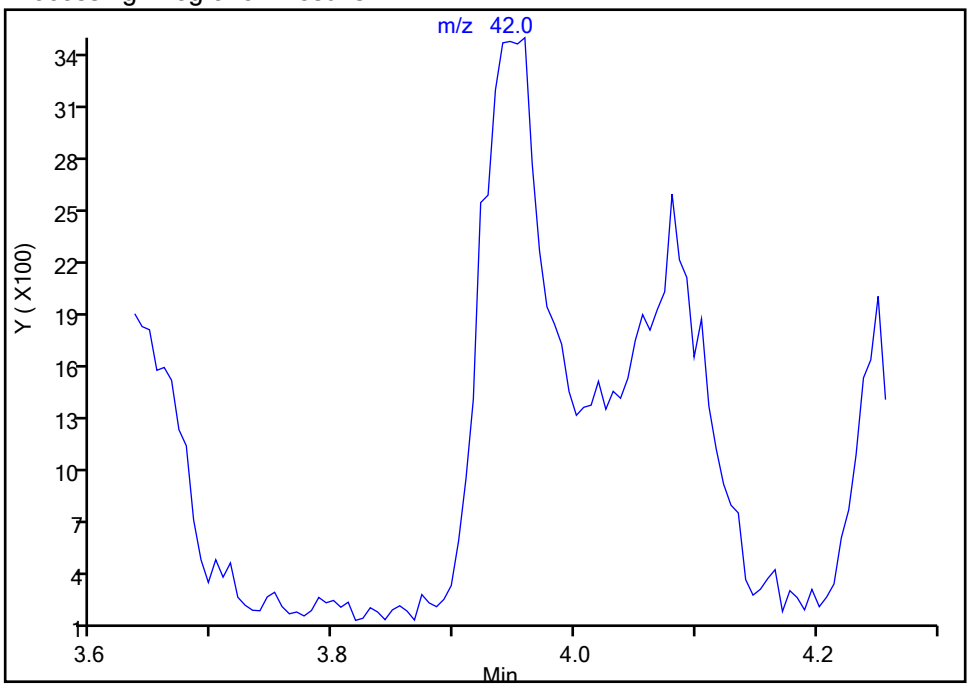
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

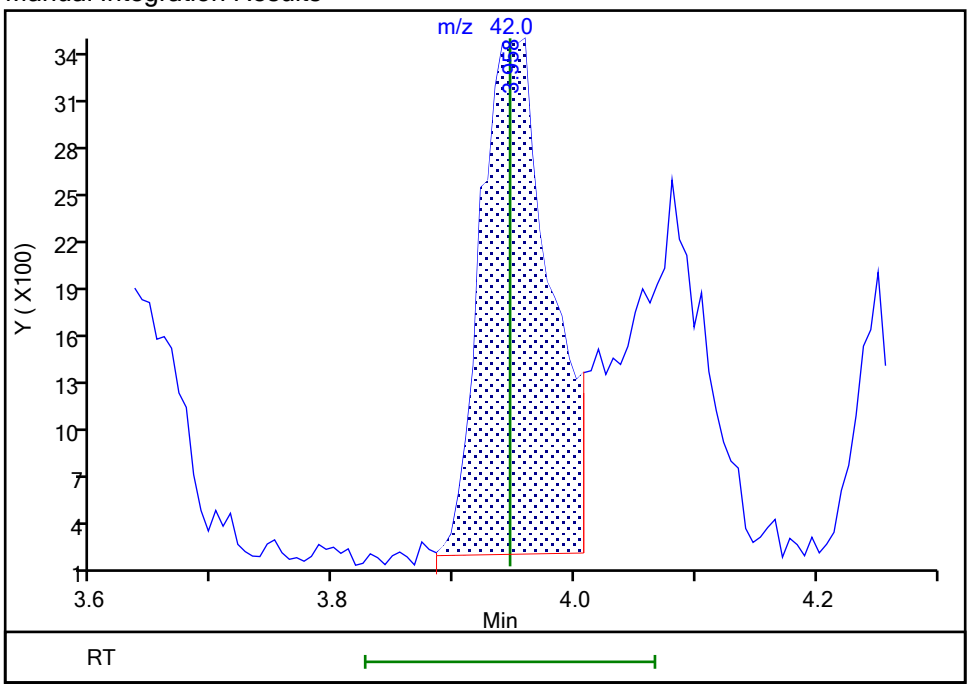
Not Detected
Expected RT: 3.95

Processing Integration Results




Manual Integration Results

RT: 3.96
Area: 13000
Amount: 112.5303
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

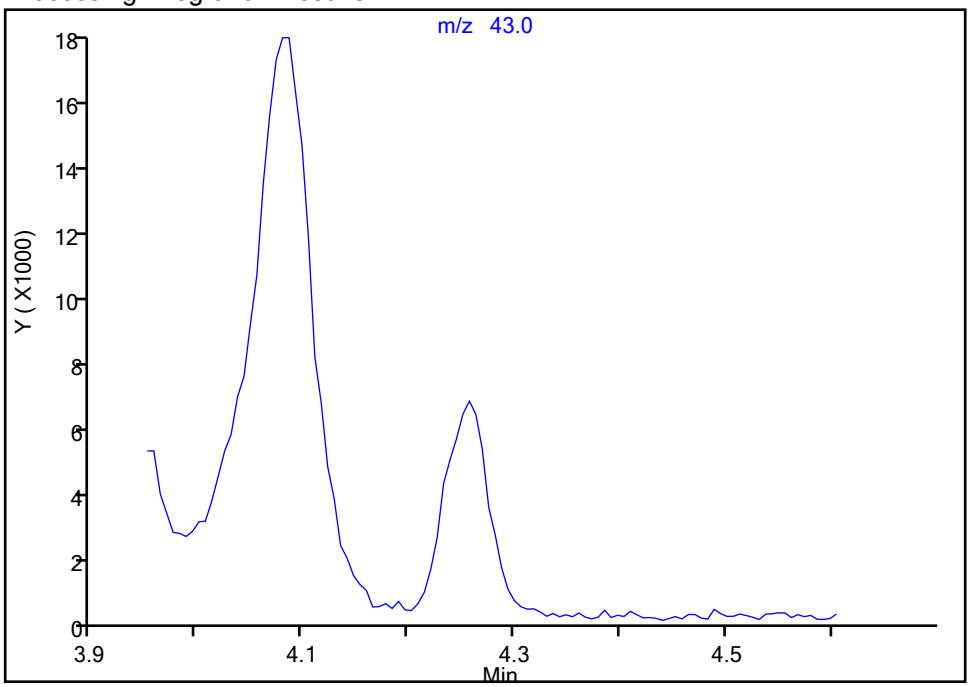
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 62 n-Heptane, CAS: 142-82-5

Signal: 1

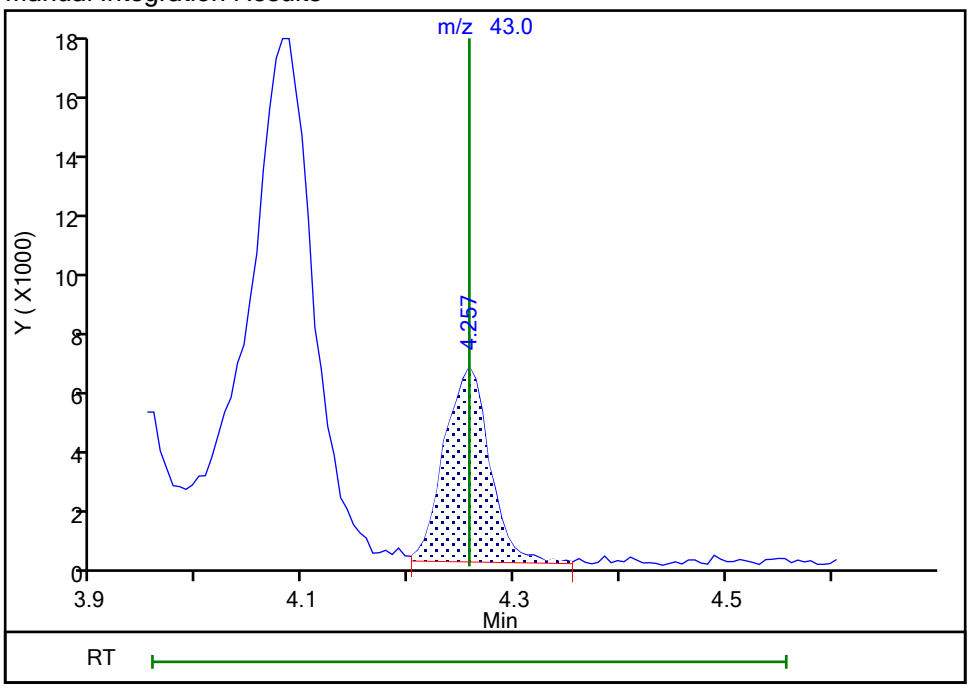
Not Detected
Expected RT: 4.26

Processing Integration Results




Manual Integration Results

RT: 4.26
Area: 19294
Amount: 4.424423
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:31:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

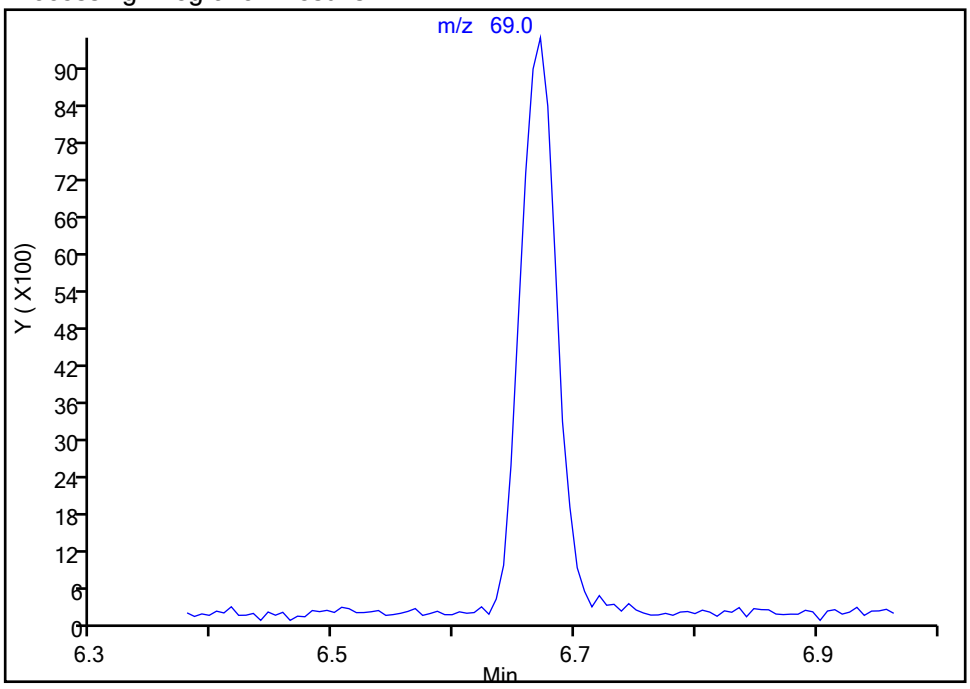
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19229.D
Injection Date: 17-Jan-2025 07:12:30 Instrument ID: CVOAMS2
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

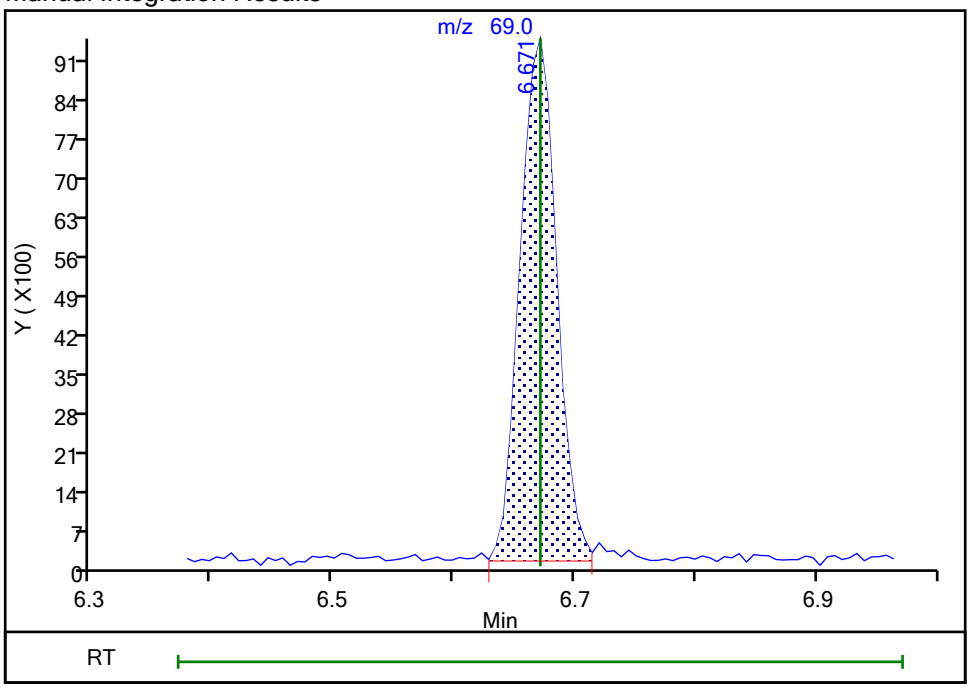
Not Detected
Expected RT: 6.67

Processing Integration Results




Manual Integration Results

RT: 6.67
Area: 19808
Amount: 4.720312
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:32:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Jan-2025 07:36:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0185886-005
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:12:08 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 08:01:00

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.965 | 0.965 | 0.000 | 59 | 125005 | 20.0 | 20.4 | |
| 2 Chlorodifluoromethane | 67 | 0.971 | 0.971 | 0.000 | 95 | 21433 | 20.0 | 22.4 | |
| 3 Chloromethane | 50 | 1.087 | 1.087 | 0.000 | 99 | 140733 | 20.0 | 20.2 | |
| 4 Vinyl chloride | 62 | 1.142 | 1.142 | 0.000 | 98 | 108524 | 20.0 | 20.9 | |
| 5 Butadiene | 54 | 1.172 | 1.172 | 0.000 | 98 | 105845 | 20.0 | 19.6 | |
| 6 Bromomethane | 94 | 1.349 | 1.349 | 0.000 | 98 | 75423 | 20.0 | 22.5 | |
| 7 Chloroethane | 64 | 1.374 | 1.374 | 0.000 | 99 | 67402 | 20.0 | 21.0 | |
| 9 Dichlorofluoromethane | 67 | 1.532 | 1.532 | 0.000 | 81 | 211828 | 20.0 | 22.3 | |
| 8 Pentane | 43 | 1.538 | 1.538 | 0.000 | 97 | 330012 | 40.0 | 45.0 | |
| 10 Trichlorofluoromethane | 101 | 1.563 | 1.563 | 0.000 | 97 | 144973 | 20.0 | 22.3 | a |
| 12 Ethanol | 46 | 1.666 | 1.666 | 0.000 | 68 | 13173 | 800.0 | 865.8 | |
| 11 Ethyl ether | 59 | 1.678 | 1.678 | 0.000 | 94 | 80886 | 20.0 | 22.7 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.691 | 1.691 | 0.000 | 97 | 106634 | 20.0 | 24.1 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 95 | 68798 | 20.0 | 23.4 | |
| 16 Acrolein | 56 | 1.764 | 1.764 | 0.000 | 97 | 260569 | 300.0 | 339.8 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.776 | 1.776 | 0.000 | 86 | 134322 | 20.0 | 24.9 | a |
| 17 1,1-Dichloroethene | 96 | 1.819 | 1.819 | 0.000 | 91 | 63056 | 20.0 | 22.2 | |
| 19 Acetone | 43 | 1.867 | 1.867 | 0.000 | 86 | 106007 | 100.0 | 93.1 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.867 | 1.867 | 0.000 | 72 | 64556 | 20.0 | 22.2 | a |
| 20 Iodomethane | 142 | 1.941 | 1.941 | 0.000 | 99 | 92027 | 20.0 | 21.5 | |
| 21 Carbon disulfide | 76 | 1.965 | 1.965 | 0.000 | 100 | 264654 | 20.0 | 22.3 | a |
| 22 Isopropyl alcohol | 45 | 1.995 | 1.995 | 0.000 | 30 | 59768 | 200.0 | 192.9 | a |
| 24 3-Chloro-1-propene | 39 | 2.069 | 2.069 | 0.000 | 92 | 96168 | 20.0 | 22.7 | |
| 23 Acetonitrile | 40 | 2.075 | 2.075 | 0.000 | 79 | 37969 | 200.0 | 202.0 | |
| 25 Methyl acetate | 43 | 2.093 | 2.093 | 0.000 | 99 | 120879 | 40.0 | 45.8 | |
| 27 Methylene Chloride | 84 | 2.160 | 2.160 | 0.000 | 97 | 80882 | 20.0 | 21.4 | |
| * 28 TBA-d9 (IS) | 65 | 2.239 | 2.239 | 0.000 | 0 | 542078 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.288 | 2.288 | 0.000 | 91 | 122912 | 200.0 | 221.2 | a |
| 29 Acrylonitrile | 53 | 2.337 | 2.337 | 0.000 | 94 | 311050 | 200.0 | 200.7 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.349 | 2.349 | 0.000 | 98 | 66786 | 20.0 | 21.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.373 | 2.373 | 0.000 | 97 | 225447 | 20.0 | 20.9 | |
| 32 Hexane | 57 | 2.562 | 2.562 | 0.000 | 93 | 105081 | 20.0 | 22.9 | |
| 33 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 100 | 132668 | 20.0 | 21.4 | |
| 34 Vinyl acetate | 86 | 2.727 | 2.727 | 0.000 | 100 | 24778 | 40.0 | 39.5 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.733 | 2.733 | 0.000 | 93 | 62921 | 20.0 | 21.7 | |
| 36 Isopropyl ether | 45 | 2.757 | 2.757 | 0.000 | 87 | 242545 | 20.0 | 21.0 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 88 | 89649 | 20.0 | 21.3 | |
| * 38 2-Butanone-d5 | 46 | 3.123 | 3.123 | 0.000 | 0 | 453584 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.148 | 3.148 | 0.000 | 91 | 74142 | 20.0 | 21.2 | |
| 40 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 90 | 34437 | 20.0 | 20.4 | |
| 41 2-Butanone (MEK) | 72 | 3.172 | 3.172 | 0.000 | 100 | 44854 | 100.0 | 103.4 | |
| 42 Propionitrile | 54 | 3.221 | 3.221 | 0.000 | 95 | 123426 | 200.0 | 218.5 | |
| 43 Ethyl acetate | 43 | 3.245 | 3.245 | 0.000 | 99 | 197221 | 40.0 | 44.3 | |
| 44 Methyl acrylate | 55 | 3.263 | 3.263 | 0.000 | 99 | 84942 | 20.0 | 20.5 | |
| 45 Chlorobromomethane | 128 | 3.349 | 3.349 | 0.000 | 92 | 32252 | 20.0 | 19.4 | |
| 46 Methacrylonitrile | 67 | 3.355 | 3.355 | 0.000 | 92 | 308421 | 200.0 | 199.4 | |
| 47 Tetrahydrofuran | 42 | 3.410 | 3.410 | 0.000 | 79 | 63492 | 40.0 | 39.5 | |
| 48 Chloroform | 83 | 3.440 | 3.440 | 0.000 | 97 | 122130 | 20.0 | 21.0 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.580 | 3.580 | 0.000 | 94 | 163573 | 50.0 | 50.5 | |
| 50 1,1,1-Trichloroethane | 97 | 3.599 | 3.599 | 0.000 | 97 | 99784 | 20.0 | 21.5 | |
| 51 Cyclohexane | 84 | 3.660 | 3.660 | 0.000 | 94 | 105690 | 20.0 | 22.3 | |
| 52 1,1-Dichloropropene | 75 | 3.745 | 3.745 | 0.000 | 93 | 91738 | 20.0 | 21.7 | |
| 53 Carbon tetrachloride | 117 | 3.751 | 3.751 | 0.000 | 69 | 77324 | 20.0 | 21.3 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.891 | 3.891 | 0.000 | 0 | 204077 | 50.0 | 51.5 | |
| 55 Benzene | 78 | 3.940 | 3.940 | 0.000 | 97 | 261477 | 20.0 | 21.2 | |
| 56 Isobutyl alcohol | 42 | 3.946 | 3.946 | 0.000 | 46 | 56091 | 500.0 | 486.0 | |
| 57 1,2-Dichloroethane | 62 | 3.965 | 3.965 | 0.000 | 97 | 93835 | 20.0 | 20.5 | |
| 58 Isooctane | 57 | 4.056 | 4.056 | 0.000 | 94 | 309720 | 20.0 | 22.3 | |
| 60 Tert-amyl methyl ether | 73 | 4.093 | 4.093 | 0.000 | 90 | 235273 | 20.0 | 20.1 | |
| 59 Isopropyl acetate | 61 | 4.093 | 4.093 | 0.000 | 96 | 28977 | 20.0 | 21.1 | |
| * 61 Fluorobenzene | 96 | 4.233 | 4.233 | 0.000 | 98 | 597119 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.257 | 4.257 | 0.000 | 93 | 103183 | 20.0 | 22.9 | |
| 63 Trichloroethene | 95 | 4.617 | 4.617 | 0.000 | 92 | 62110 | 20.0 | 21.5 | |
| 64 n-Butanol | 43 | 4.635 | 4.635 | 0.000 | 89 | 32562 | 500.0 | 549.5 | |
| 65 Ethyl acrylate | 55 | 4.812 | 4.812 | 0.000 | 97 | 185643 | 20.0 | 21.3 | |
| 66 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 97 | 123858 | 20.0 | 22.2 | |
| 67 1,2-Dichloropropane | 63 | 4.861 | 4.861 | 0.000 | 93 | 73195 | 20.0 | 21.1 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 27657 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.983 | 4.983 | 0.000 | 87 | 42363 | 20.0 | 20.4 | |
| 70 1,4-Dioxane | 88 | 5.044 | 5.044 | 0.000 | 31 | 14499 | 400.0 | 483.6 | |
| 71 Methyl methacrylate | 100 | 5.062 | 5.062 | 0.000 | 91 | 30166 | 40.0 | 40.5 | |
| 72 n-Propyl acetate | 43 | 5.147 | 5.147 | 0.000 | 99 | 96950 | 20.0 | 20.5 | |
| 73 Dichlorobromomethane | 83 | 5.190 | 5.190 | 0.000 | 98 | 80406 | 20.0 | 20.4 | |
| 74 2-Nitropropane | 41 | 5.476 | 5.476 | 0.000 | 99 | 34568 | 40.0 | 41.1 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.598 | 5.598 | 0.000 | 94 | 42153 | 20.0 | 20.2 | |
| 76 Epichlorohydrin | 57 | 5.641 | 5.641 | 0.000 | 99 | 158505 | 400.0 | 418.0 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.732 | 5.732 | 0.000 | 96 | 100354 | 20.0 | 20.9 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.976 | 5.976 | 0.000 | 98 | 405420 | 100.0 | 104.6 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.062 | 6.062 | 0.000 | 98 | 583055 | 50.0 | 51.1 | |
| 80 Toluene | 91 | 6.147 | 6.147 | 0.000 | 93 | 239726 | 20.0 | 20.4 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.470 | 6.470 | 0.000 | 98 | 84599 | 20.0 | 20.6 | |
| 82 Ethyl methacrylate | 69 | 6.671 | 6.671 | 0.000 | 88 | 87005 | 20.0 | 20.0 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.702 | 6.702 | 0.000 | 92 | 45825 | 20.0 | 20.5 | |
| 84 Tetrachloroethene | 166 | 6.848 | 6.848 | 0.000 | 90 | 46478 | 20.0 | 21.4 | |
| 85 1,3-Dichloropropane | 76 | 6.903 | 6.903 | 0.000 | 94 | 90119 | 20.0 | 21.1 | |
| 86 2-Hexanone | 43 | 7.068 | 7.068 | 0.000 | 97 | 254215 | 100.0 | 102.7 | |
| 87 Chlorodibromomethane | 129 | 7.153 | 7.153 | 0.000 | 97 | 47092 | 20.0 | 20.0 | |
| 88 Ethylene Dibromide | 107 | 7.250 | 7.250 | 0.000 | 97 | 47274 | 20.0 | 20.8 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | 0.000 | 99 | 109337 | 20.0 | 21.0 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 91 | 370789 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.787 | 7.787 | 0.000 | 92 | 137168 | 20.0 | 20.5 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 93 | 50931 | 20.0 | 20.3 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 76853 | 20.0 | 20.6 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 94063 | 20.0 | 20.3 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 93 | 99689 | 20.0 | 20.5 | |
| 96 Styrene | 104 | 8.409 | 8.409 | 0.000 | 92 | 154110 | 20.0 | 19.8 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 96 | 51031 | 20.0 | 20.6 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 91 | 27775 | 20.0 | 19.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.640 | 8.640 | 0.000 | 90 | 127714 | 20.0 | 21.8 | |
| 439 (-)-a-Pinene | 93 | 8.701 | 8.701 | 0.000 | 99 | 116995 | 20.0 | 21.3 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 97 | 240682 | 20.0 | 20.1 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 82 | 136191 | 50.0 | 52.1 | |
| 102 Bromobenzene | 156 | 8.939 | 8.939 | 0.000 | 92 | 53298 | 20.0 | 20.9 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.982 | 8.982 | 0.000 | 98 | 78590 | 20.0 | 21.3 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 97 | 19625 | 20.0 | 21.4 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 88 | 22258 | 20.0 | 21.4 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 63951 | 20.0 | 21.3 | |
| 107 2-Chlorotoluene | 126 | 9.110 | 9.110 | 0.000 | 97 | 56171 | 20.0 | 21.3 | |
| 108 4-Ethyltoluene | 105 | 9.159 | 9.159 | 0.000 | 99 | 246285 | 20.0 | 21.6 | |
| 109 4-Chlorotoluene | 91 | 9.201 | 9.201 | 0.000 | 99 | 206696 | 20.0 | 20.5 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.214 | 9.214 | 0.000 | 91 | 217365 | 20.0 | 21.2 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 92 | 83886 | 20.0 | 21.6 | |
| 112 tert-Butylbenzene | 119 | 9.457 | 9.457 | 0.000 | 91 | 165899 | 20.0 | 20.5 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.494 | 9.494 | 0.000 | 99 | 221977 | 20.0 | 21.0 | |
| 114 sec-Butylbenzene | 105 | 9.628 | 9.628 | 0.000 | 99 | 285626 | 20.0 | 22.0 | |
| 115 1,3-Dichlorobenzene | 146 | 9.683 | 9.683 | 0.000 | 92 | 108302 | 20.0 | 21.4 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 98 | 203139 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.744 | 9.744 | 0.000 | 97 | 241407 | 20.0 | 20.9 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 93 | 108500 | 20.0 | 20.0 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 99 | 237130 | 20.0 | 21.1 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 97 | 24996 | 20.0 | 21.9 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 220291 | 20.0 | 19.6 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 89 | 112656 | 20.0 | 20.5 | |
| 122 p-Diethylbenzene | 119 | 10.024 | 10.024 | 0.000 | 93 | 145602 | 20.0 | 20.6 | |
| 124 n-Butylbenzene | 92 | 10.037 | 10.037 | 0.000 | 97 | 142486 | 20.0 | 21.7 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 225373 | 20.0 | 20.7 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 92 | 14057 | 20.0 | 19.7 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.719 | 10.719 | 0.000 | 94 | 83815 | 20.0 | 21.3 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 93 | 80774 | 20.0 | 21.5 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 88 | 35633 | 20.0 | 20.9 | |
| 130 Naphthalene | 128 | 11.298 | 11.298 | 0.000 | 99 | 246113 | 20.0 | 21.6 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 93 | 80268 | 20.0 | 21.7 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.3 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 41.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 40.0 | 40.9 | |
| S 135 Total BTEX | 1 | | | | 0 | | 100.0 | 103.0 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| 8260MIX1COMB_00199 | Amount Added: | 2.00 | Units: uL | | |
| 524FREONS_00029 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00178 | Amount Added: | 3.00 | Units: uL | | |
| GASES Li_00621 | Amount Added: | 2.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 17-Jan-2025 16:12:10 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D

Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2 Operator ID:

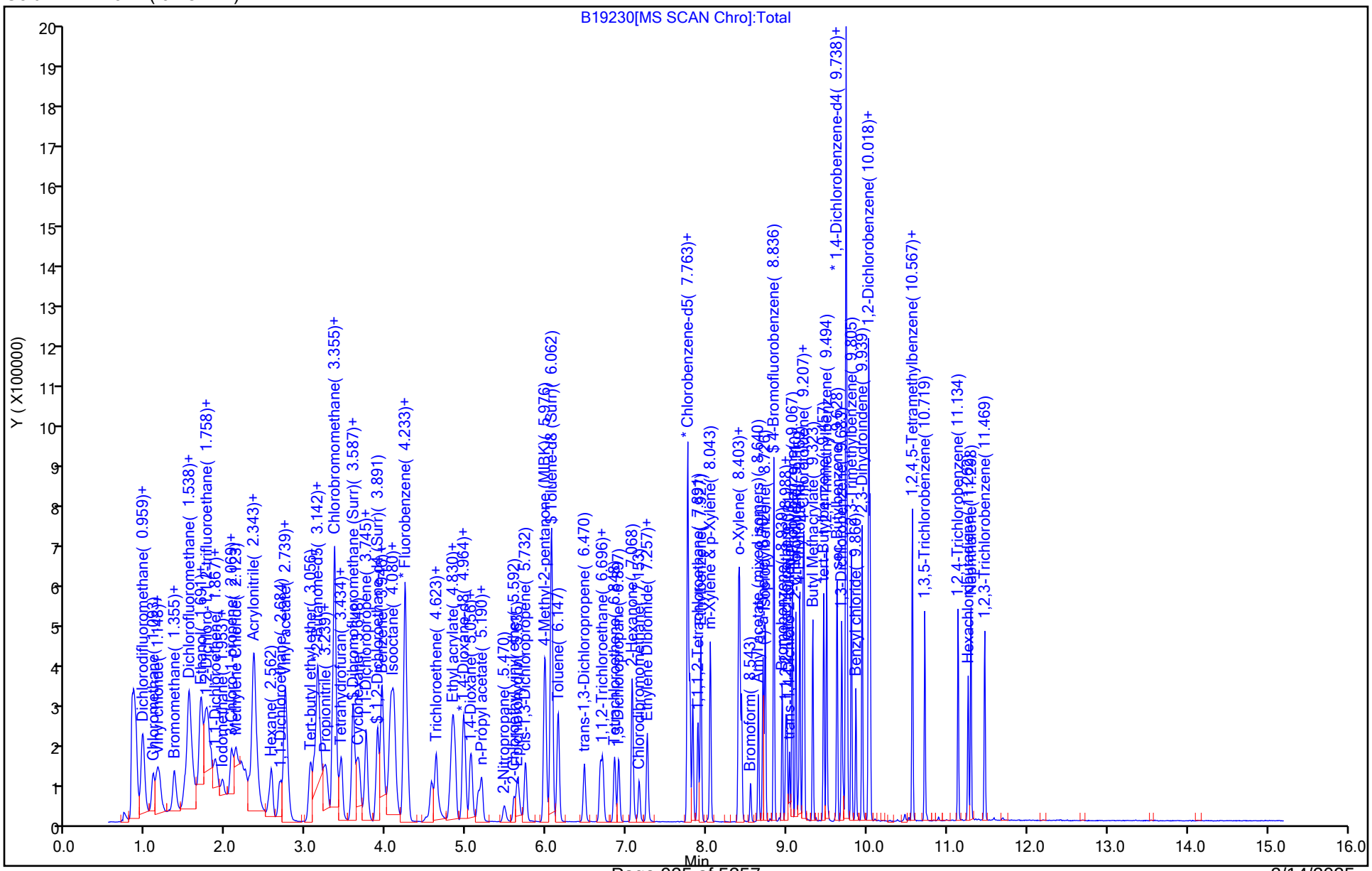
Lims ID: STD20 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

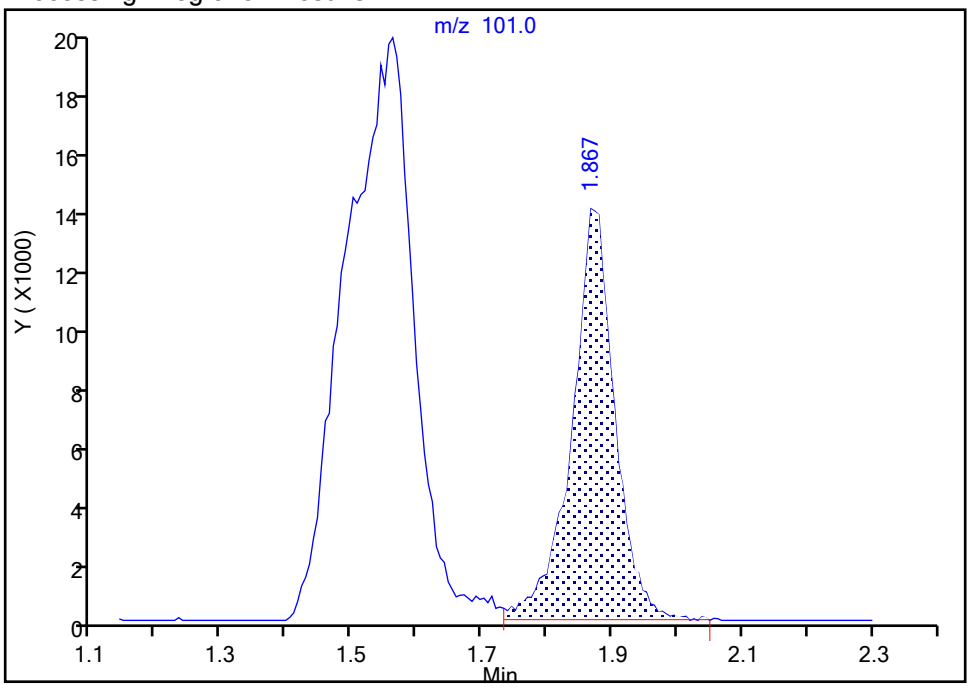
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

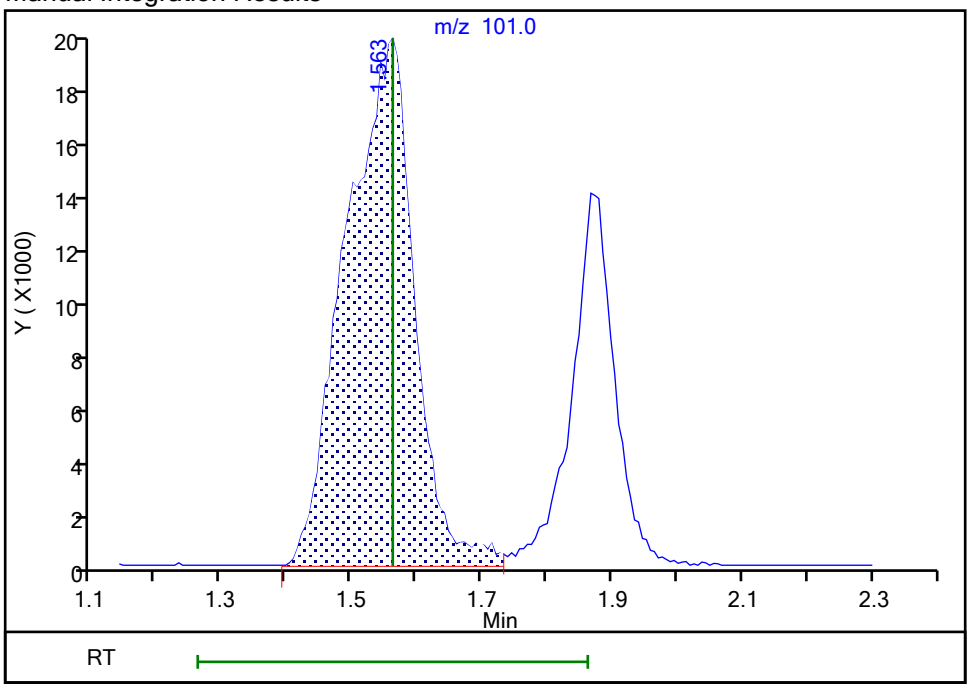
Processing Integration Results

RT: 1.87
Area: 64430
Amount: 0.012950
Amount Units: ug/l




Manual Integration Results

RT: 1.56
Area: 144973
Amount: 22.257621
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:15:16 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

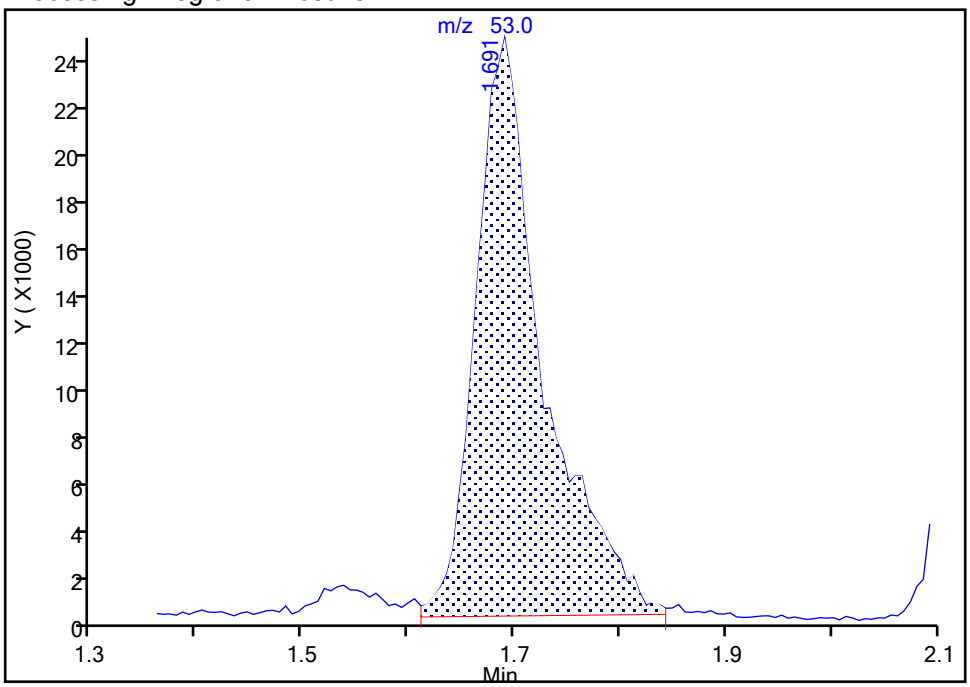
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

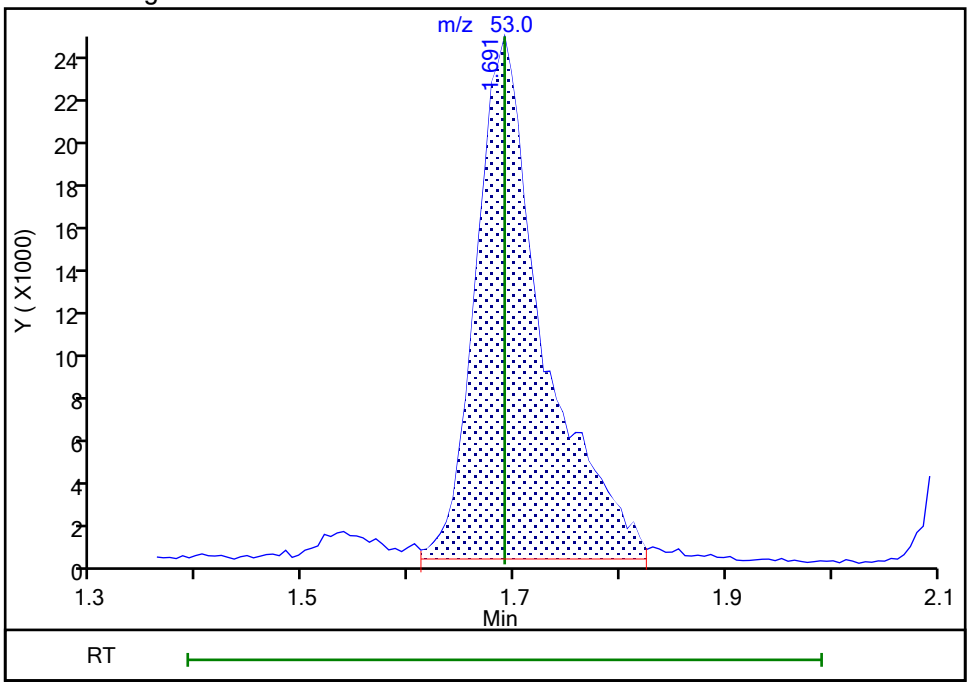
Processing Integration Results

RT: 1.69
Area: 106966
Amount: 31.780439
Amount Units: ug/l




Manual Integration Results

RT: 1.69
Area: 106634
Amount: 24.058193
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:56:55 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

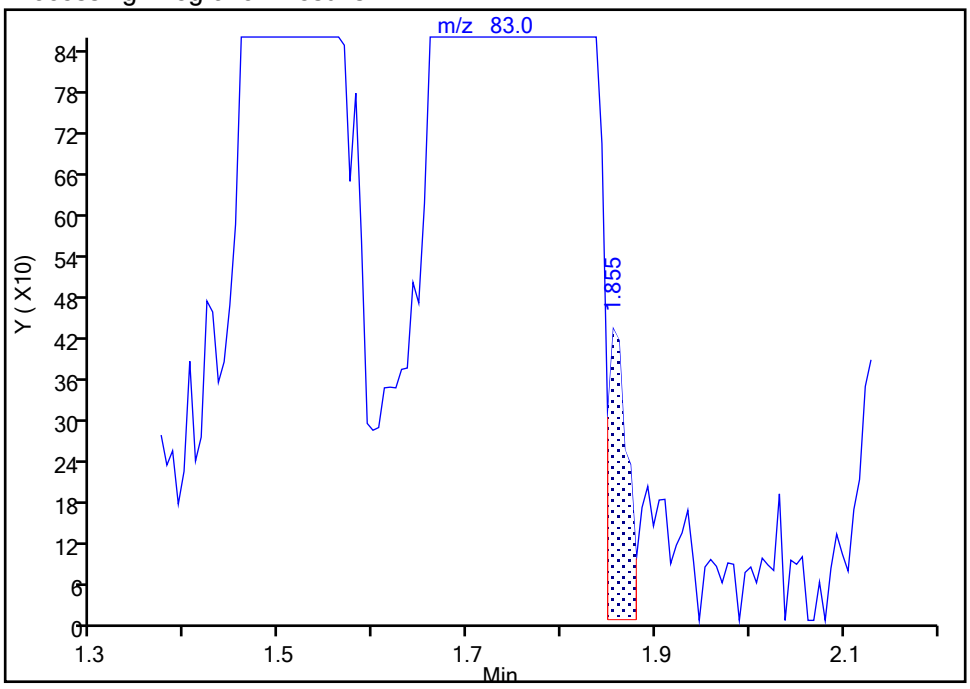
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

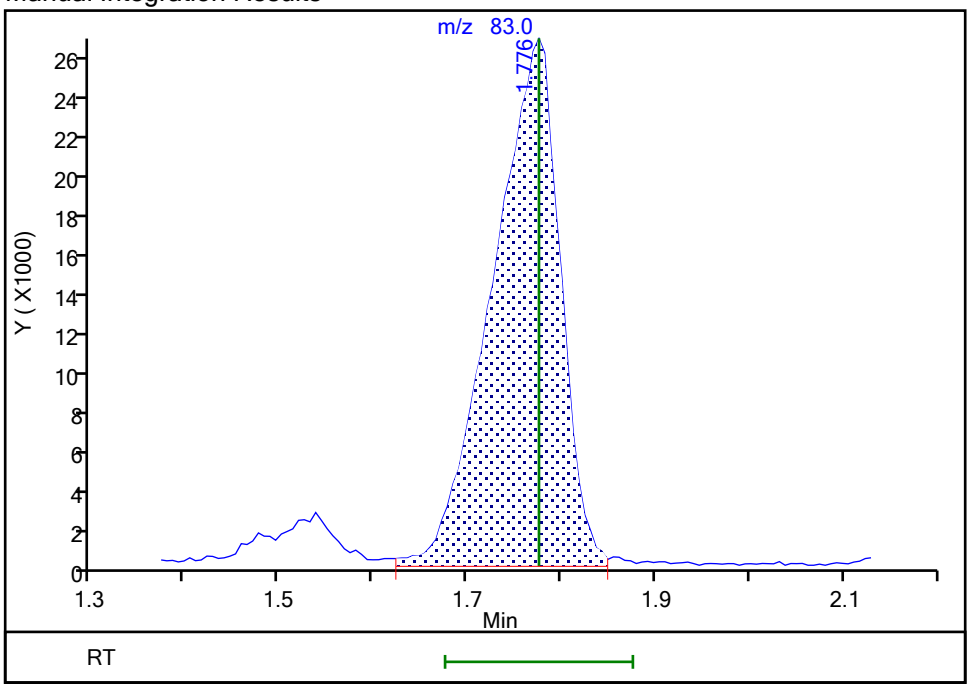
Processing Integration Results

RT: 1.86
Area: 621
Amount: 0.961706
Amount Units: ug/l




Manual Integration Results

RT: 1.78
Area: 134322
Amount: 24.928928
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:09:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

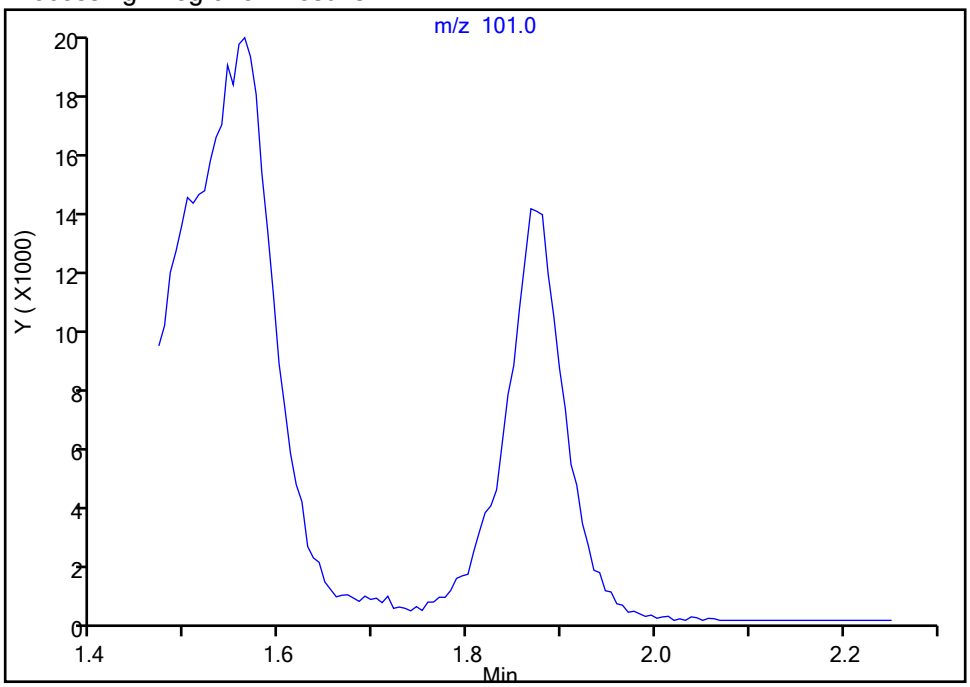
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 18 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

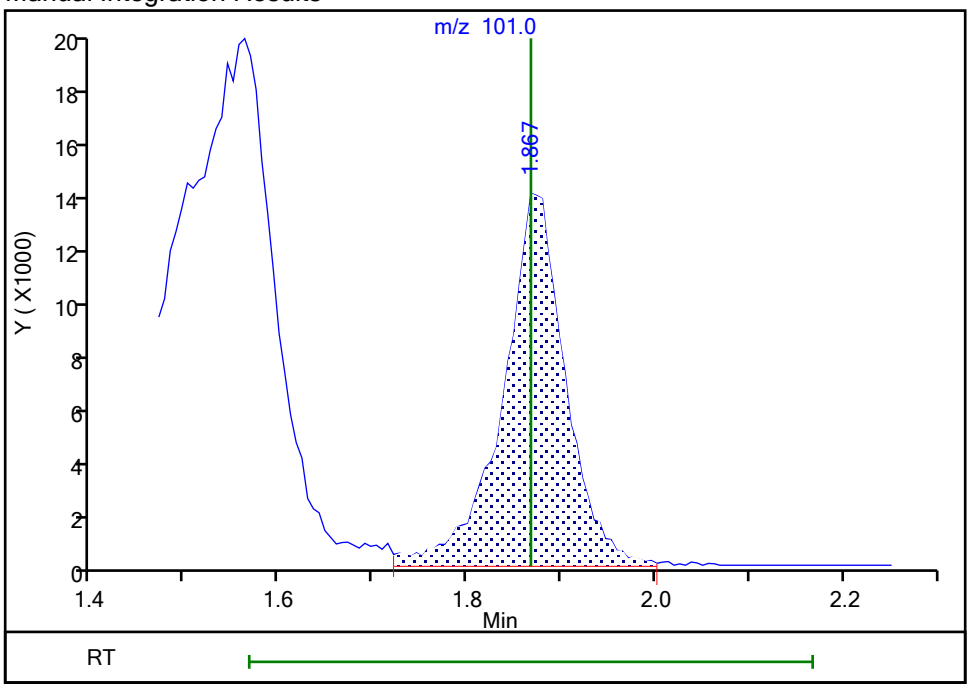
Not Detected
Expected RT: 1.87

Processing Integration Results




Manual Integration Results

RT: 1.87
Area: 64556
Amount: 22.183981
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:09:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

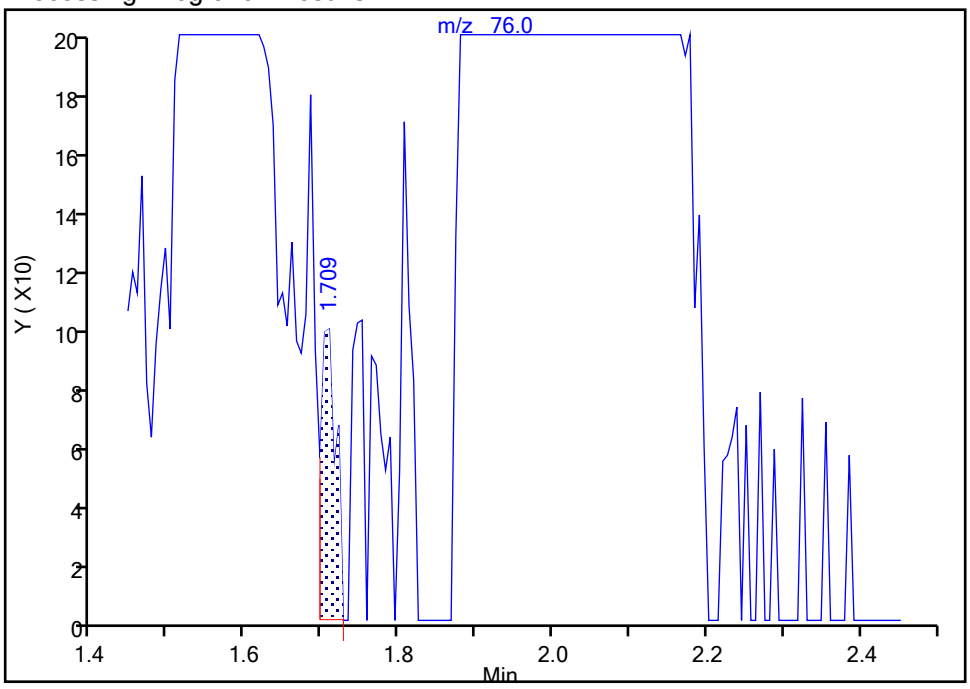
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

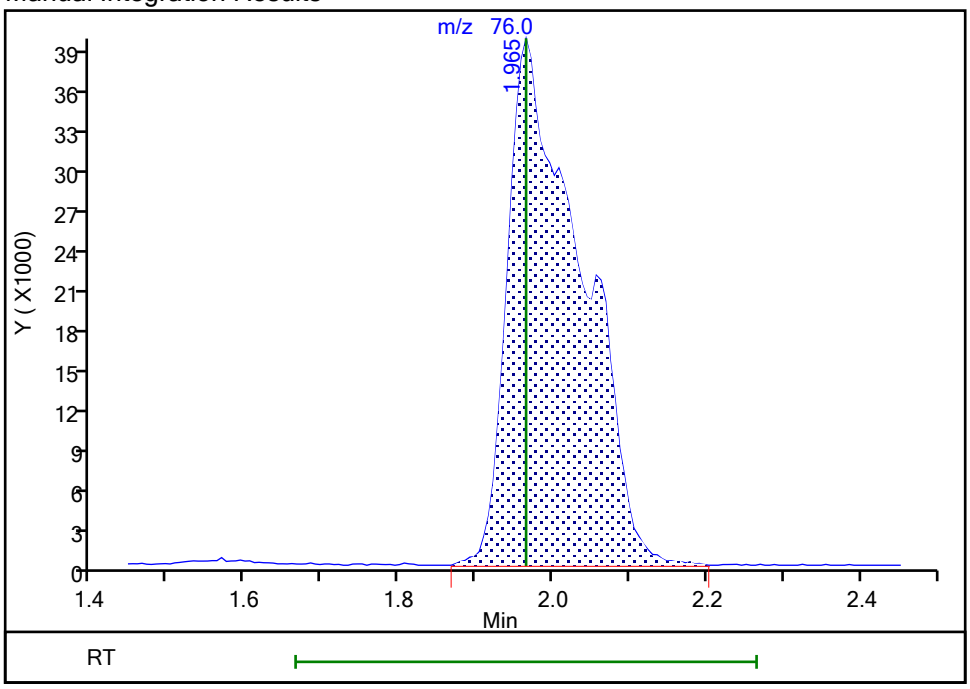
Processing Integration Results

RT: 1.71
Area: 133
Amount: 0.053103
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 264654
Amount: 22.306702
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:09:36 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

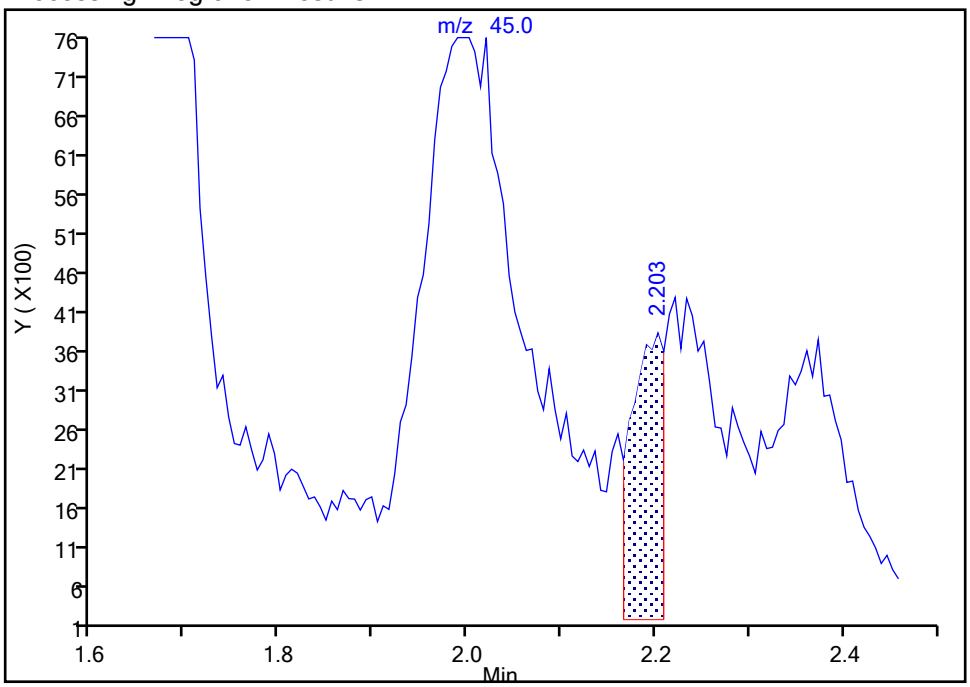
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

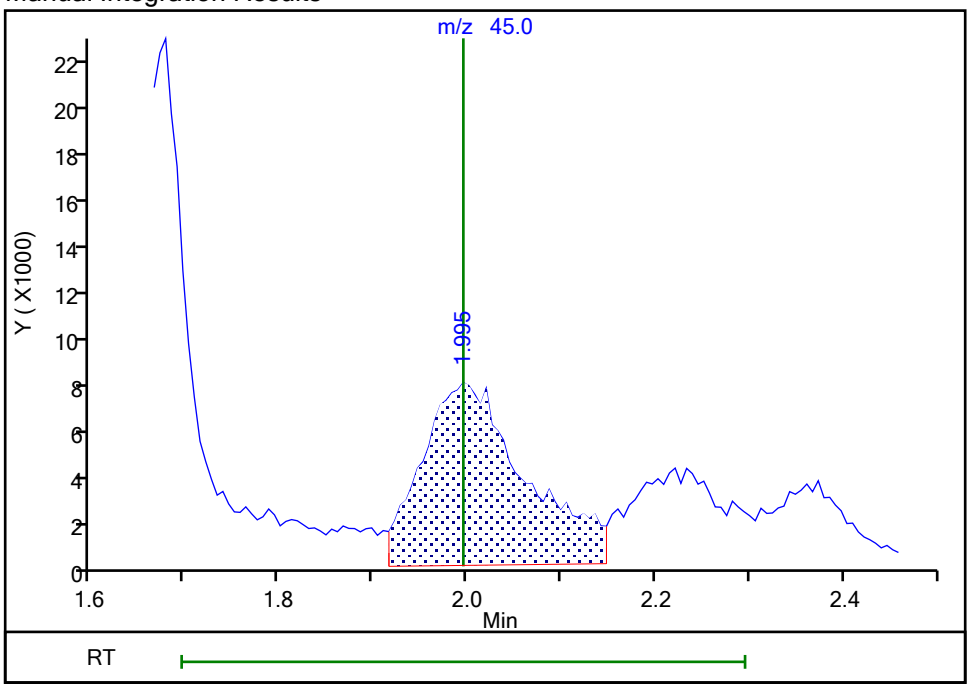
Processing Integration Results

RT: 2.20
Area: 8979
Amount: 20.417488
Amount Units: ug/l




Manual Integration Results

RT: 2.00
Area: 59768
Amount: 192.8738
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:09:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

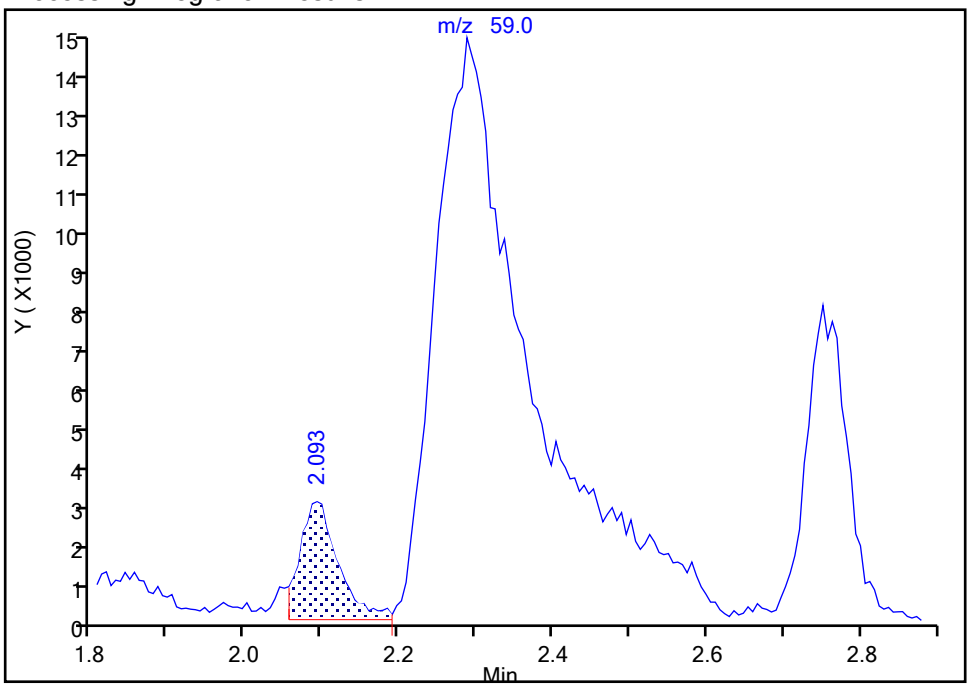
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

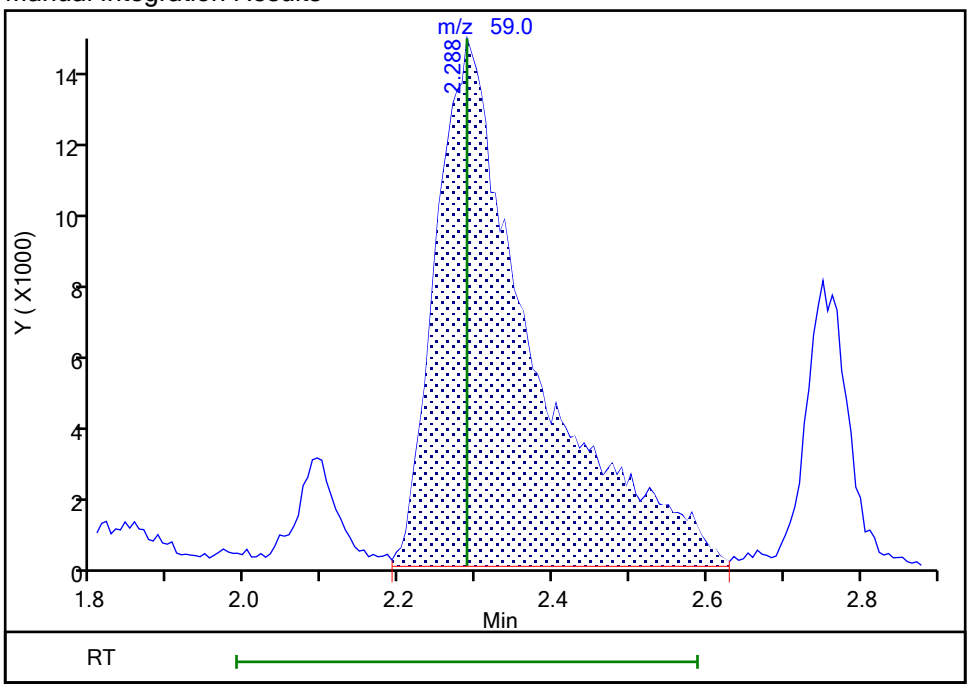
Processing Integration Results

RT: 2.09
Area: 9976
Amount: 39.206451
Amount Units: ug/l




Manual Integration Results

RT: 2.29
Area: 122912
Amount: 221.2130
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:09:45 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

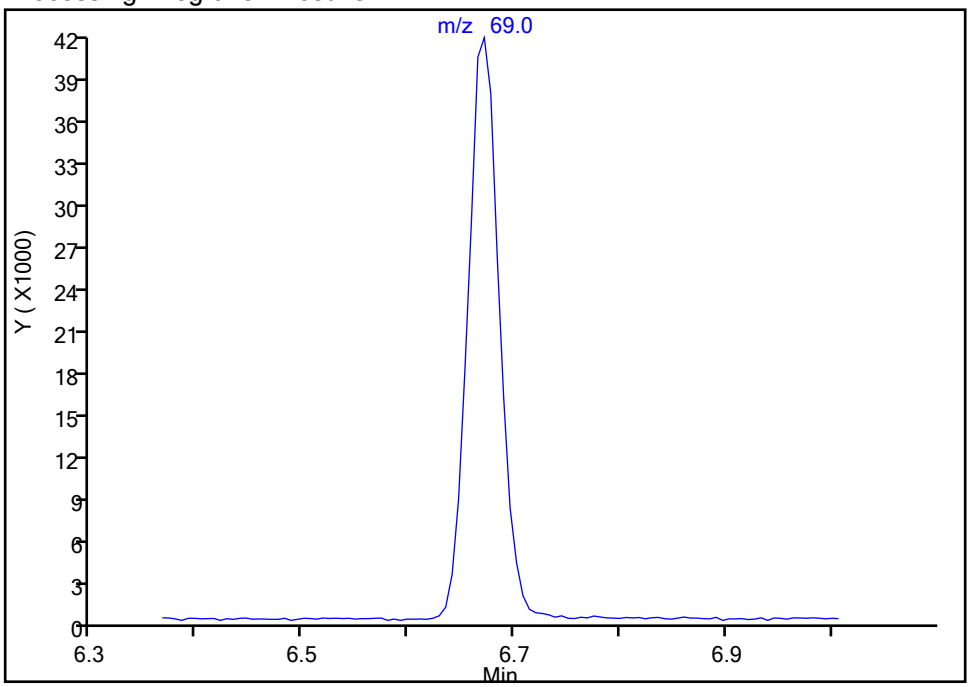
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19230.D
Injection Date: 17-Jan-2025 07:36:30 Instrument ID: CVOAMS2
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

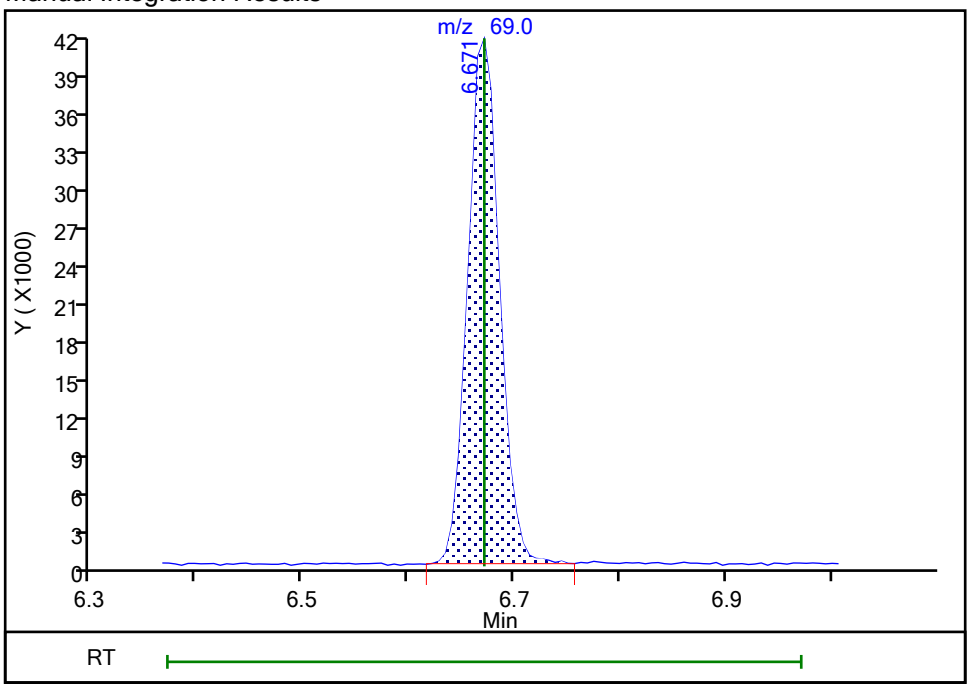
Not Detected
Expected RT: 6.67

Processing Integration Results




Manual Integration Results

RT: 6.67
Area: 87005
Amount: 20.040722
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:10:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jan-2025 08:01:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0185886-006
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:12:20 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 08:45:20

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.953 | 0.965 | -0.012 | 77 | 299393 | 50.0 | 49.3 | |
| 2 Chlorodifluoromethane | 67 | 0.959 | 0.971 | -0.012 | 95 | 50745 | 50.0 | 55.0 | |
| 3 Chloromethane | 50 | 1.075 | 1.087 | -0.012 | 99 | 357959 | 50.0 | 51.8 | |
| 4 Vinyl chloride | 62 | 1.130 | 1.142 | -0.012 | 98 | 271009 | 50.0 | 52.6 | |
| 5 Butadiene | 54 | 1.160 | 1.172 | -0.012 | 97 | 264384 | 50.0 | 49.2 | |
| 6 Bromomethane | 94 | 1.337 | 1.349 | -0.012 | 98 | 180741 | 50.0 | 54.3 | |
| 7 Chloroethane | 64 | 1.355 | 1.374 | -0.019 | 99 | 162459 | 50.0 | 50.8 | |
| 9 Dichlorofluoromethane | 67 | 1.520 | 1.532 | -0.012 | 98 | 509667 | 50.0 | 54.0 | |
| 8 Pentane | 43 | 1.526 | 1.538 | -0.012 | 95 | 746152 | 100.0 | 102.4 | |
| 10 Trichlorofluoromethane | 101 | 1.550 | 1.563 | -0.013 | 98 | 369248 | 50.0 | 57.0 | a |
| 12 Ethanol | 46 | 1.648 | 1.666 | -0.018 | 73 | 24313 | 2000.0 | 1667.7 | |
| 11 Ethyl ether | 59 | 1.660 | 1.678 | -0.018 | 94 | 187200 | 50.0 | 53.7 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.672 | 1.691 | -0.019 | 96 | 233814 | 50.0 | 53.1 | |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 95 | 168572 | 50.0 | 57.8 | |
| 16 Acrolein | 56 | 1.745 | 1.764 | -0.019 | 98 | 318405 | 400.0 | 433.3 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.758 | 1.776 | -0.018 | 86 | 300666 | 50.0 | 56.1 | a |
| 17 1,1-Dichloroethene | 96 | 1.825 | 1.819 | 0.006 | 92 | 139991 | 50.0 | 49.6 | |
| 19 Acetone | 43 | 1.861 | 1.867 | -0.006 | 87 | 270565 | 250.0 | 242.8 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.861 | 1.867 | -0.006 | 75 | 154796 | 50.0 | 53.5 | a |
| 20 Iodomethane | 142 | 1.934 | 1.941 | -0.007 | 99 | 225869 | 50.0 | 53.2 | |
| 21 Carbon disulfide | 76 | 1.953 | 1.965 | -0.012 | 100 | 631791 | 50.0 | 53.6 | a |
| 22 Isopropyl alcohol | 45 | 1.977 | 1.995 | -0.018 | 96 | 142243 | 500.0 | 479.0 | |
| 24 3-Chloro-1-propene | 39 | 2.050 | 2.069 | -0.019 | 91 | 224381 | 50.0 | 53.2 | |
| 23 Acetonitrile | 40 | 2.062 | 2.075 | -0.013 | 79 | 77735 | 500.0 | 431.5 | |
| 25 Methyl acetate | 43 | 2.081 | 2.093 | -0.012 | 99 | 287010 | 100.0 | 109.4 | |
| 27 Methylene Chloride | 84 | 2.142 | 2.160 | -0.018 | 97 | 184862 | 50.0 | 49.1 | |
| * 28 TBA-d9 (IS) | 65 | 2.215 | 2.239 | -0.024 | 0 | 519448 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.282 | 2.288 | -0.006 | 99 | 273170 | 500.0 | 513.1 | |
| 29 Acrylonitrile | 53 | 2.325 | 2.337 | -0.012 | 94 | 710819 | 500.0 | 478.7 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.337 | 2.349 | -0.012 | 98 | 156829 | 50.0 | 49.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.361 | 2.373 | -0.012 | 97 | 529716 | 50.0 | 49.5 | |
| 32 Hexane | 57 | 2.550 | 2.562 | -0.012 | 93 | 243021 | 50.0 | 53.4 | |
| 33 1,1-Dichloroethane | 63 | 2.660 | 2.666 | -0.006 | 99 | 317059 | 50.0 | 51.6 | |
| 34 Vinyl acetate | 86 | 2.715 | 2.727 | -0.012 | 100 | 50285 | 100.0 | 81.9 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.733 | 2.733 | 0.000 | 93 | 145243 | 50.0 | 50.3 | |
| 36 Isopropyl ether | 45 | 2.745 | 2.757 | -0.012 | 86 | 574801 | 50.0 | 50.2 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 88 | 208189 | 50.0 | 49.7 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.123 | -0.006 | 0 | 443807 | 250.0 | 250.0 | a |
| 39 cis-1,2-Dichloroethene | 96 | 3.135 | 3.148 | -0.013 | 91 | 173366 | 50.0 | 49.9 | |
| 40 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 72 | 77243 | 50.0 | 46.1 | |
| 41 2-Butanone (MEK) | 72 | 3.172 | 3.172 | 0.000 | 99 | 103352 | 250.0 | 243.4 | |
| 42 Propionitrile | 54 | 3.215 | 3.221 | -0.006 | 95 | 265297 | 500.0 | 479.9 | |
| 43 Ethyl acetate | 43 | 3.233 | 3.245 | -0.012 | 99 | 415228 | 100.0 | 95.3 | |
| 44 Methyl acrylate | 55 | 3.251 | 3.263 | -0.012 | 99 | 199024 | 50.0 | 48.3 | |
| 45 Chlorobromomethane | 128 | 3.343 | 3.349 | -0.006 | 51 | 80056 | 50.0 | 48.5 | |
| 46 Methacrylonitrile | 67 | 3.343 | 3.355 | -0.012 | 92 | 735935 | 500.0 | 478.6 | |
| 47 Tetrahydrofuran | 42 | 3.398 | 3.410 | -0.012 | 93 | 153645 | 100.0 | 97.7 | |
| 48 Chloroform | 83 | 3.428 | 3.440 | -0.012 | 97 | 294084 | 50.0 | 50.8 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.574 | 3.580 | -0.006 | 94 | 161988 | 50.0 | 50.3 | |
| 50 1,1,1-Trichloroethane | 97 | 3.599 | 3.599 | 0.000 | 97 | 236496 | 50.0 | 51.3 | |
| 51 Cyclohexane | 84 | 3.647 | 3.660 | -0.013 | 94 | 250304 | 50.0 | 53.0 | |
| 52 1,1-Dichloropropene | 75 | 3.739 | 3.745 | -0.006 | 94 | 216299 | 50.0 | 51.4 | |
| 53 Carbon tetrachloride | 117 | 3.745 | 3.751 | -0.006 | 91 | 190928 | 50.0 | 52.8 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.879 | 3.891 | -0.012 | 0 | 199793 | 50.0 | 50.7 | |
| 55 Benzene | 78 | 3.934 | 3.940 | -0.006 | 97 | 619259 | 50.0 | 49.0 | |
| 56 Isobutyl alcohol | 42 | 3.940 | 3.946 | -0.006 | 95 | 133624 | 1250.0 | 1208.1 | |
| 57 1,2-Dichloroethane | 62 | 3.958 | 3.965 | -0.007 | 97 | 218870 | 50.0 | 48.2 | |
| 58 Isooctane | 57 | 4.050 | 4.056 | -0.006 | 93 | 731127 | 50.0 | 52.8 | |
| 60 Tert-amyl methyl ether | 73 | 4.086 | 4.093 | -0.007 | 89 | 566259 | 50.0 | 48.7 | |
| 59 Isopropyl acetate | 61 | 4.080 | 4.093 | -0.013 | 95 | 67302 | 50.0 | 49.3 | |
| * 61 Fluorobenzene | 96 | 4.227 | 4.233 | -0.006 | 97 | 593527 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.257 | 4.257 | 0.000 | 93 | 237689 | 50.0 | 53.0 | |
| 63 Trichloroethene | 95 | 4.611 | 4.617 | -0.006 | 93 | 145041 | 50.0 | 50.5 | |
| 64 n-Butanol | 43 | 4.635 | 4.635 | 0.000 | 88 | 73846 | 1250.0 | 1300.4 | |
| 65 Ethyl acrylate | 55 | 4.812 | 4.812 | 0.000 | 97 | 443673 | 50.0 | 51.1 | |
| 66 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 96 | 287627 | 50.0 | 51.9 | |
| 67 1,2-Dichloropropane | 63 | 4.848 | 4.861 | -0.013 | 94 | 171923 | 50.0 | 49.9 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 28327 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.976 | 4.983 | -0.007 | 88 | 100782 | 50.0 | 48.7 | |
| 70 1,4-Dioxane | 88 | 5.037 | 5.044 | -0.007 | 89 | 30478 | 1000.0 | 992.5 | |
| 71 Methyl methacrylate | 100 | 5.056 | 5.062 | -0.006 | 90 | 71480 | 100.0 | 96.5 | |
| 72 n-Propyl acetate | 43 | 5.147 | 5.147 | 0.000 | 99 | 234765 | 50.0 | 49.8 | |
| 73 Dichlorobromomethane | 83 | 5.184 | 5.190 | -0.006 | 98 | 194221 | 50.0 | 49.6 | |
| 74 2-Nitropropane | 41 | 5.470 | 5.476 | -0.006 | 99 | 81622 | 100.0 | 97.6 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.592 | 5.598 | -0.006 | 96 | 100573 | 50.1 | 48.5 | |
| 76 Epichlorohydrin | 57 | 5.635 | 5.641 | -0.006 | 99 | 370125 | 1000.0 | 997.6 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.732 | 5.732 | 0.000 | 96 | 245901 | 50.0 | 50.0 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.976 | 5.976 | 0.000 | 98 | 951596 | 250.0 | 250.9 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.056 | 6.062 | -0.006 | 97 | 591571 | 50.0 | 50.5 | |
| 80 Toluene | 91 | 6.141 | 6.147 | -0.006 | 93 | 579130 | 50.0 | 48.0 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.470 | 6.470 | 0.000 | 98 | 207326 | 50.0 | 49.2 | |
| 82 Ethyl methacrylate | 69 | 6.671 | 6.671 | 0.000 | 89 | 207134 | 50.0 | 48.0 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.696 | 6.702 | -0.006 | 93 | 108190 | 50.0 | 47.3 | |
| 84 Tetrachloroethene | 166 | 6.848 | 6.848 | 0.000 | 90 | 110784 | 50.0 | 49.7 | |
| 85 1,3-Dichloropropane | 76 | 6.897 | 6.903 | -0.006 | 95 | 212308 | 50.0 | 48.4 | |
| 86 2-Hexanone | 43 | 7.068 | 7.068 | 0.000 | 97 | 592881 | 250.0 | 244.8 | |
| 87 Chlorodibromomethane | 129 | 7.153 | 7.153 | 0.000 | 96 | 119786 | 50.0 | 49.6 | |
| 88 Ethylene Dibromide | 107 | 7.250 | 7.250 | 0.000 | 97 | 116410 | 50.0 | 50.0 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | -0.001 | 98 | 255147 | 50.0 | 47.8 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | -0.001 | 90 | 380118 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.787 | 7.787 | 0.000 | 91 | 335925 | 50.0 | 48.9 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 94 | 126701 | 50.0 | 49.3 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 186563 | 50.0 | 48.7 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 231121 | 50.0 | 48.8 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 93 | 243888 | 50.0 | 49.0 | |
| 96 Styrene | 104 | 8.409 | 8.409 | 0.000 | 91 | 381997 | 50.0 | 47.9 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 96 | 123128 | 50.0 | 48.5 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 91 | 69706 | 50.0 | 48.1 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.640 | 8.640 | 0.000 | 89 | 302509 | 50.0 | 49.0 | |
| 439 (-)-a-Pinene | 93 | 8.701 | 8.701 | 0.000 | 100 | 304095 | 50.0 | 52.7 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 97 | 615013 | 50.0 | 50.0 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.835 | 8.836 | -0.001 | 82 | 139362 | 50.0 | 50.5 | |
| 102 Bromobenzene | 156 | 8.939 | 8.939 | 0.000 | 92 | 130857 | 50.0 | 48.6 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.988 | 8.982 | 0.006 | 98 | 189266 | 50.0 | 48.7 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 97 | 47377 | 50.0 | 49.0 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 89 | 52502 | 50.0 | 47.7 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 161424 | 50.0 | 50.8 | |
| 107 2-Chlorotoluene | 126 | 9.110 | 9.110 | 0.000 | 97 | 140920 | 50.0 | 50.7 | |
| 108 4-Ethyltoluene | 105 | 9.159 | 9.159 | 0.000 | 99 | 612540 | 50.0 | 50.8 | |
| 109 4-Chlorotoluene | 91 | 9.201 | 9.201 | 0.000 | 99 | 519784 | 50.0 | 48.7 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.213 | 9.214 | -0.001 | 92 | 548460 | 50.0 | 50.7 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 92 | 212427 | 50.0 | 51.7 | |
| 112 tert-Butylbenzene | 119 | 9.457 | 9.457 | 0.000 | 91 | 433011 | 50.0 | 50.7 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.494 | 9.494 | 0.000 | 99 | 563760 | 50.0 | 50.6 | |
| 114 sec-Butylbenzene | 105 | 9.628 | 9.628 | 0.000 | 99 | 726137 | 50.0 | 53.1 | |
| 115 1,3-Dichlorobenzene | 146 | 9.683 | 9.683 | 0.000 | 92 | 266415 | 50.0 | 49.7 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 95 | 214486 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.744 | 9.744 | 0.000 | 97 | 630537 | 50.0 | 51.7 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 93 | 272977 | 50.0 | 47.8 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 99 | 614961 | 50.0 | 51.8 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 97 | 59926 | 50.0 | 49.7 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 562695 | 50.0 | 50.4 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 88 | 290299 | 50.0 | 50.0 | |
| 122 p-Diethylbenzene | 119 | 10.018 | 10.024 | -0.006 | 91 | 375152 | 50.0 | 50.3 | |
| 124 n-Butylbenzene | 92 | 10.036 | 10.037 | -0.001 | 97 | 357879 | 50.0 | 51.7 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 588012 | 50.0 | 51.2 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 93 | 35998 | 50.0 | 47.8 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.719 | 10.719 | 0.000 | 94 | 204003 | 50.0 | 49.1 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 92 | 200433 | 50.0 | 50.5 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 88 | 85304 | 50.0 | 46.8 | |
| 130 Naphthalene | 128 | 11.298 | 11.298 | 0.000 | 99 | 598741 | 50.0 | 49.7 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 93 | 197618 | 50.0 | 50.6 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 99.6 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 100.0 | 99.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 100.0 | 97.7 | |
| S 135 Total BTEX | 1 | | | | 0 | | 250.0 | 243.5 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00178 | Amount Added: | 4.00 | Units: uL | |
| 8260MIX1COMB_00199 | Amount Added: | 5.00 | Units: uL | |
| 524FREONS_00029 | Amount Added: | 5.00 | Units: uL | |
| GASES Li_00621 | Amount Added: | 5.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 16:12:20 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D

Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2 Operator ID:

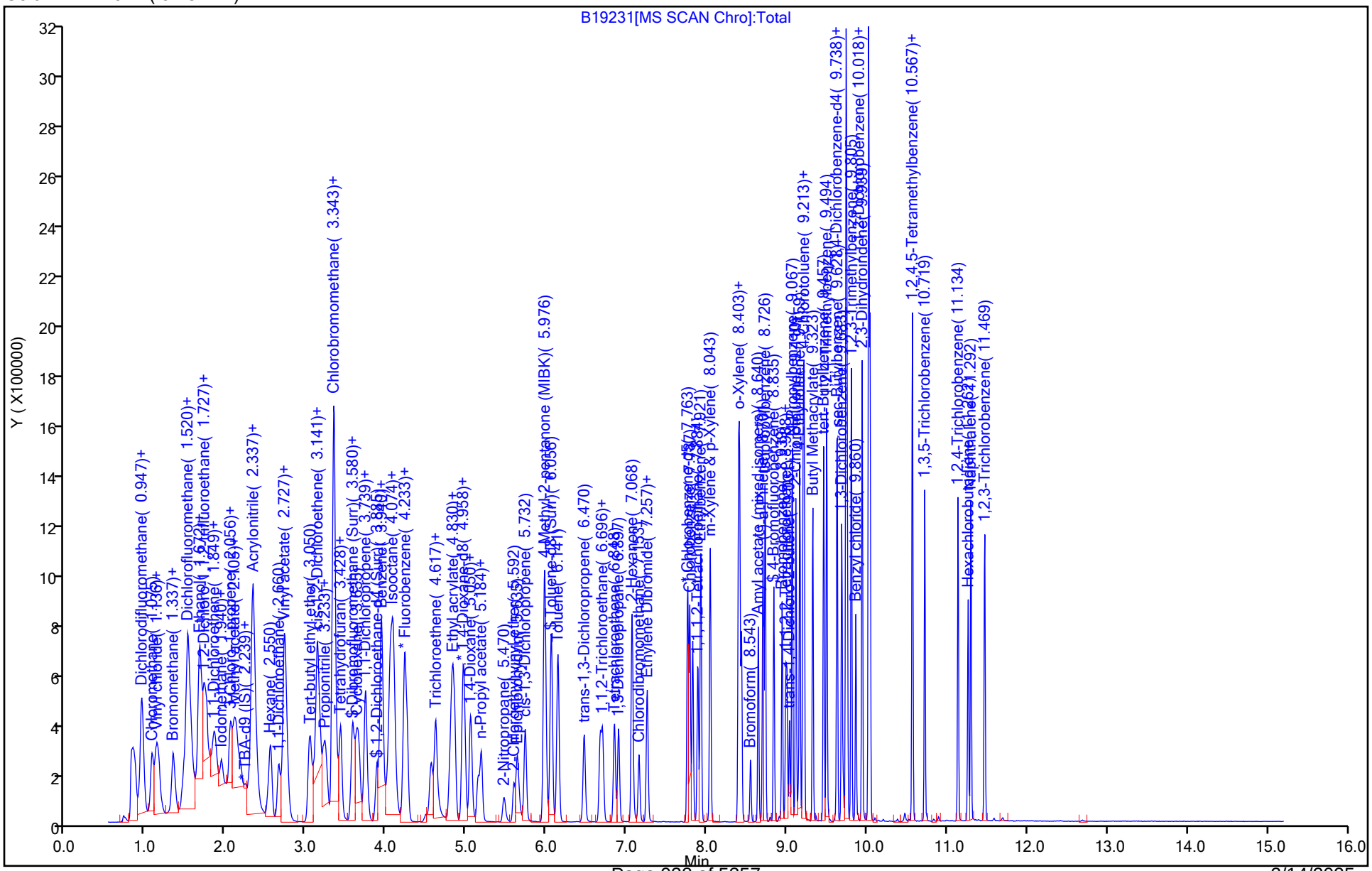
Lims ID: STD50 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

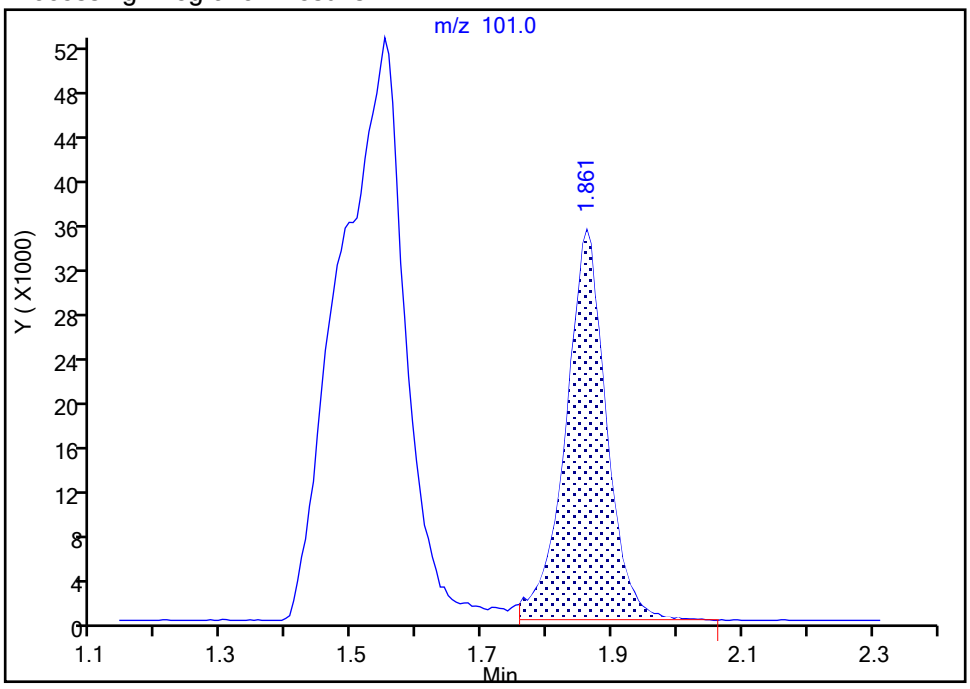
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

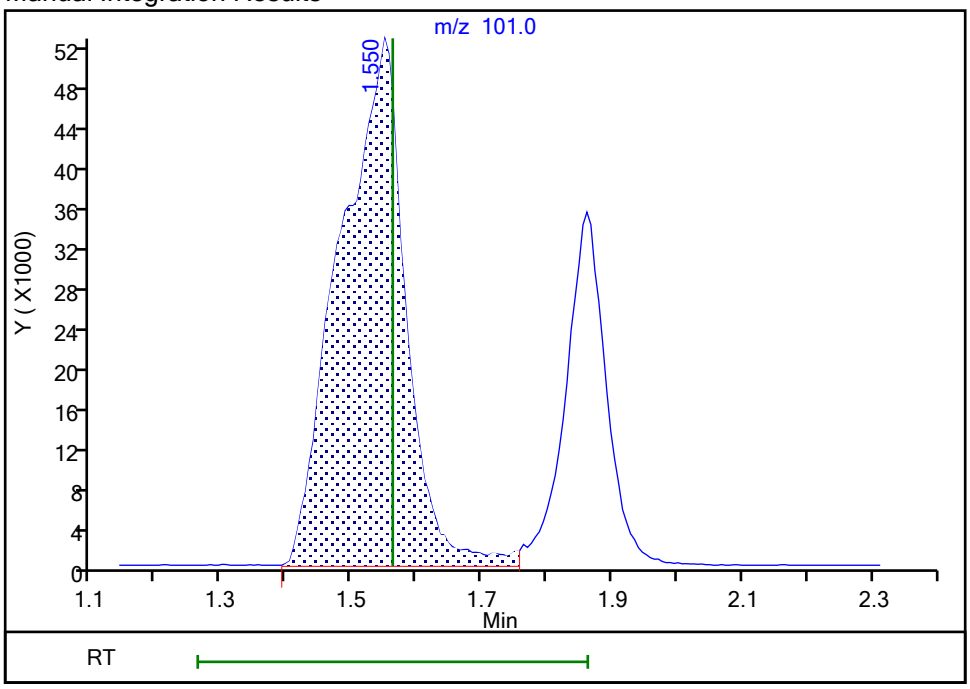
Processing Integration Results

RT: 1.86
Area: 153180
Amount: 22.127024
Amount Units: ug/l




Manual Integration Results

RT: 1.55
Area: 369248
Amount: 57.033522
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:22:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

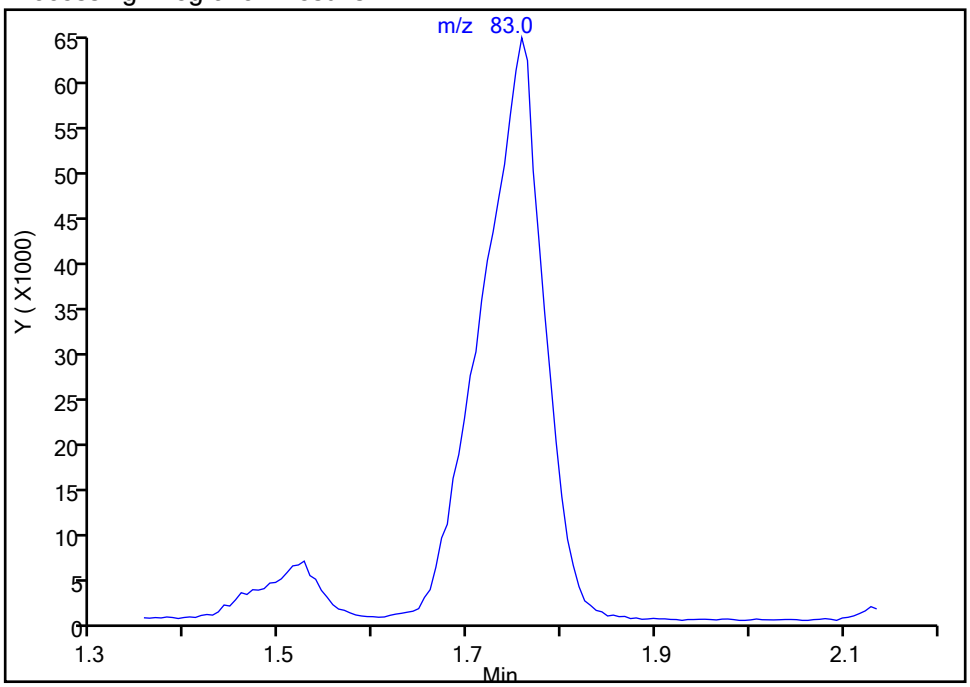
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

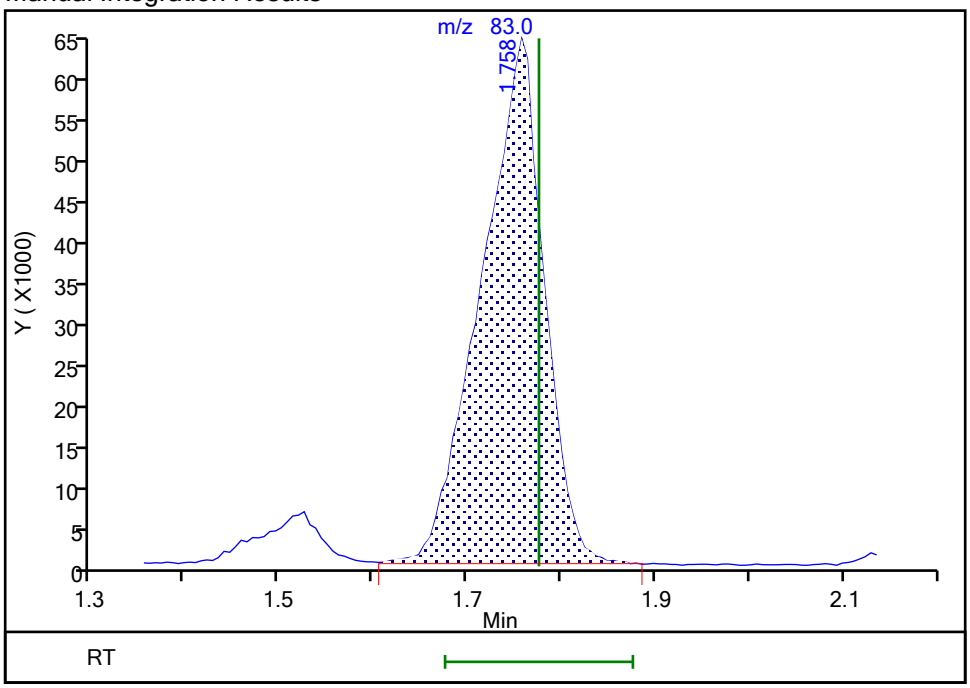
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.76
Area: 300666
Amount: 56.138550
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:22:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

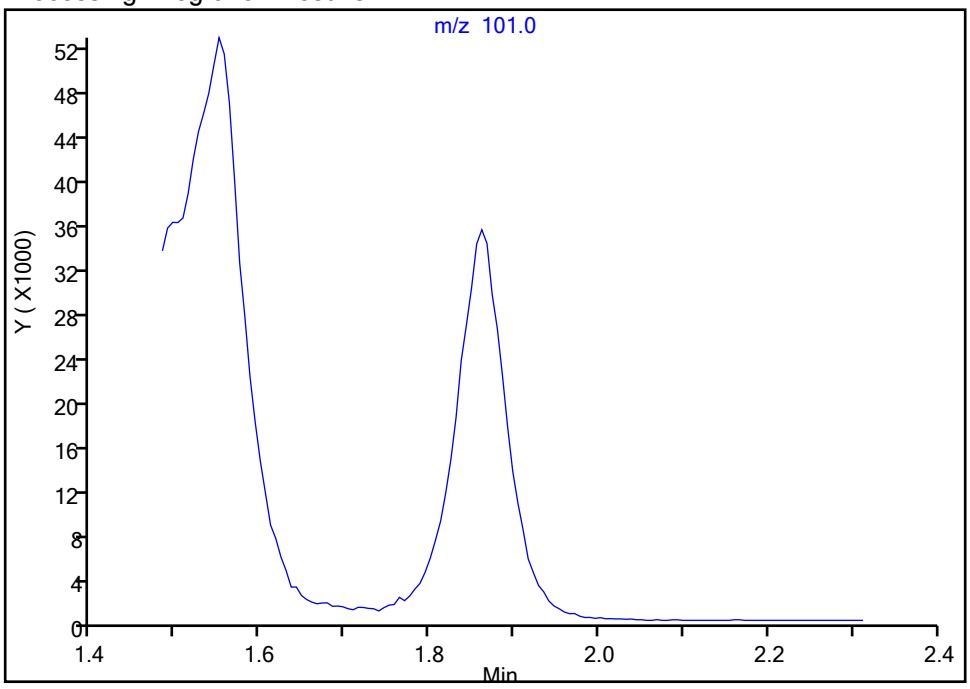
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 18 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

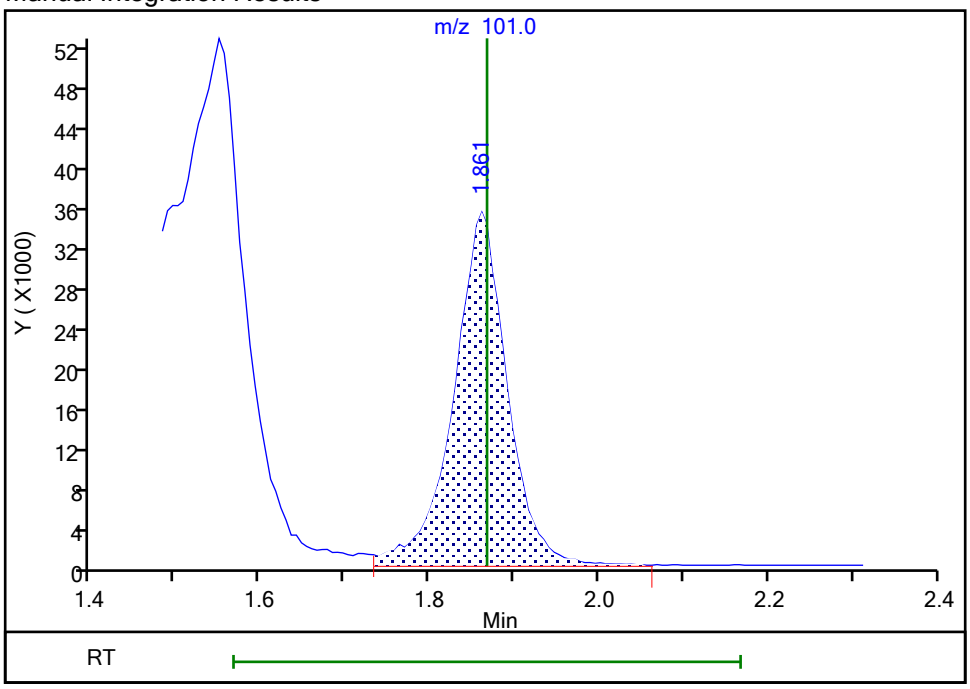
Not Detected
Expected RT: 1.87

Processing Integration Results




Manual Integration Results

RT: 1.86
Area: 154796
Amount: 53.515922
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:22:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

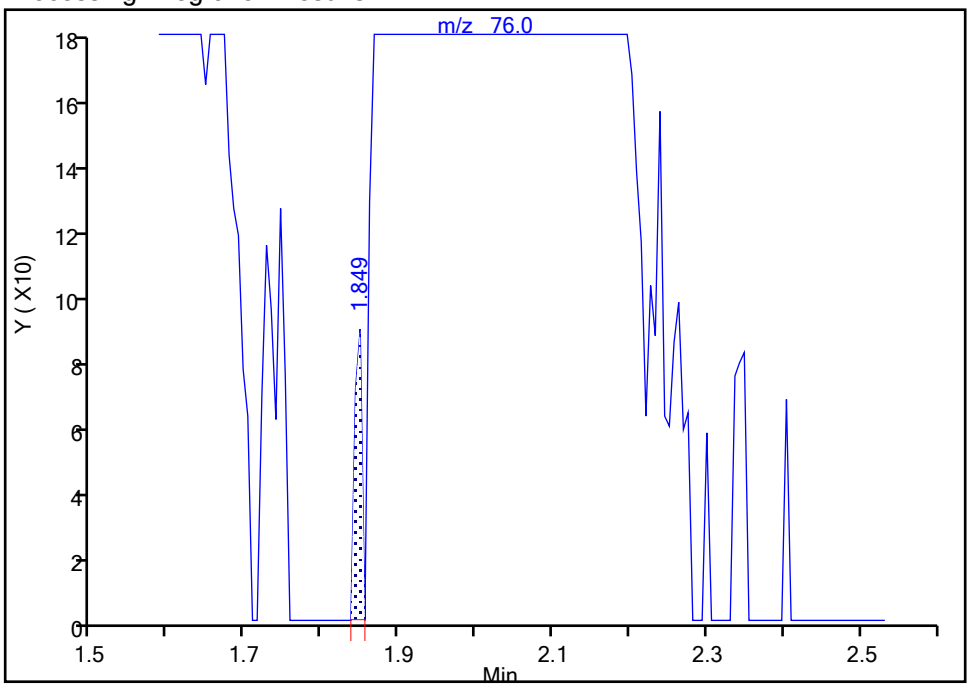
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

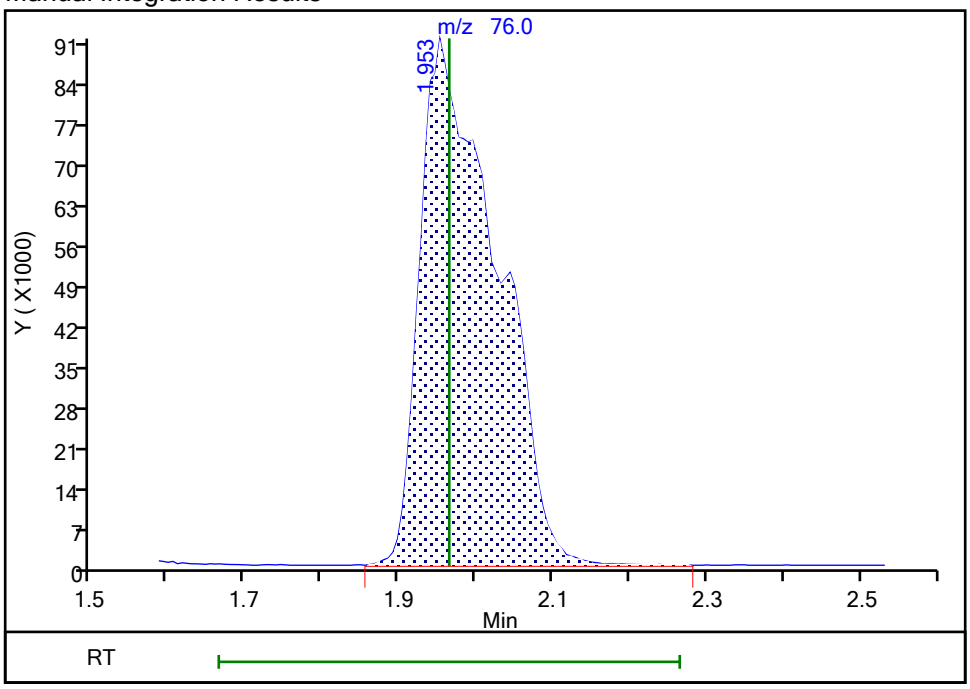
Processing Integration Results

RT: 1.85
Area: 57
Amount: 0.007346
Amount Units: ug/l




Manual Integration Results

RT: 1.95
Area: 631791
Amount: 53.573590
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:22:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

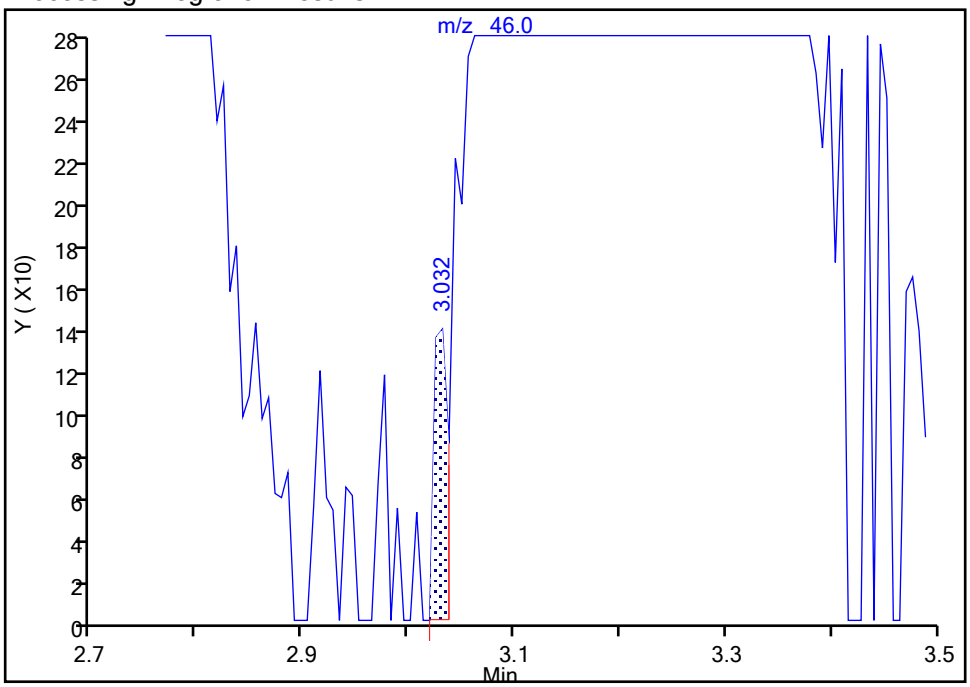
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

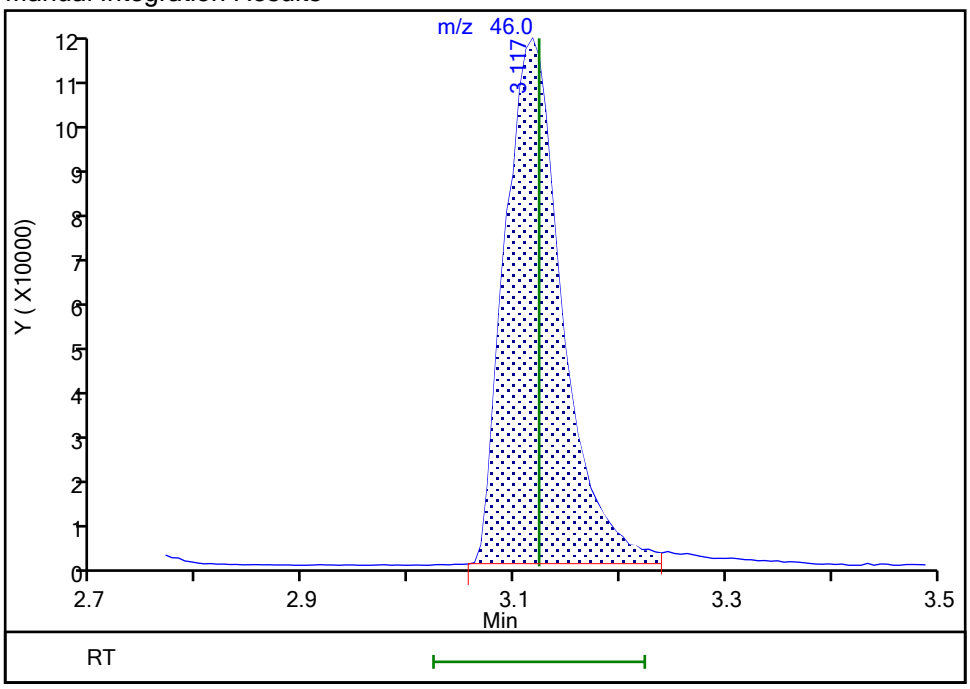
Processing Integration Results

RT: 3.03
Area: 132
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.12
Area: 443807
Amount: 250.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:21:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

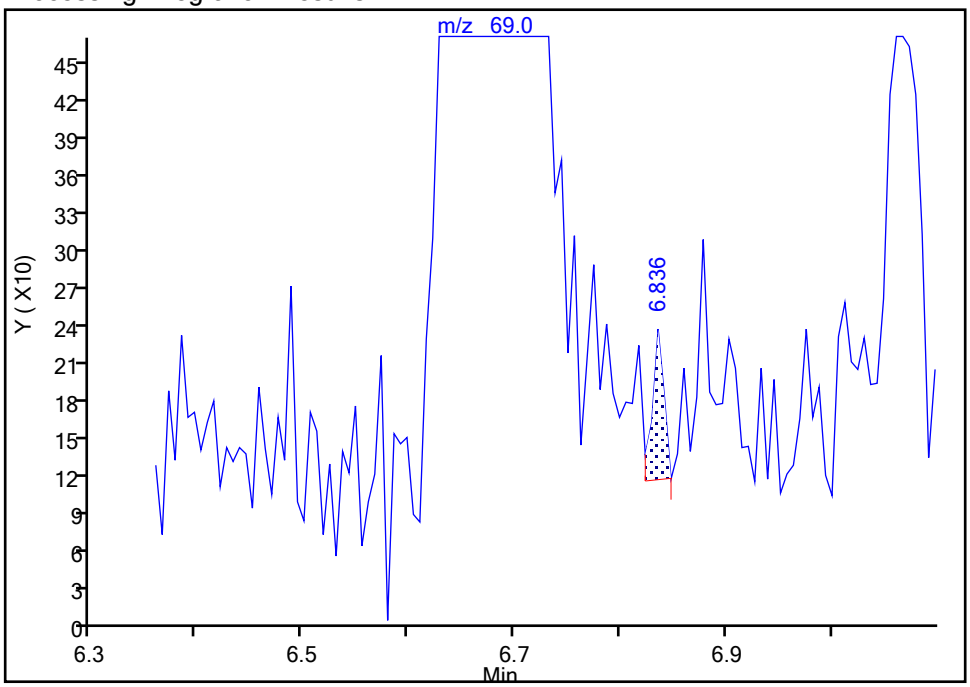
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19231.D
Injection Date: 17-Jan-2025 08:01:30 Instrument ID: CVOAMS2
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

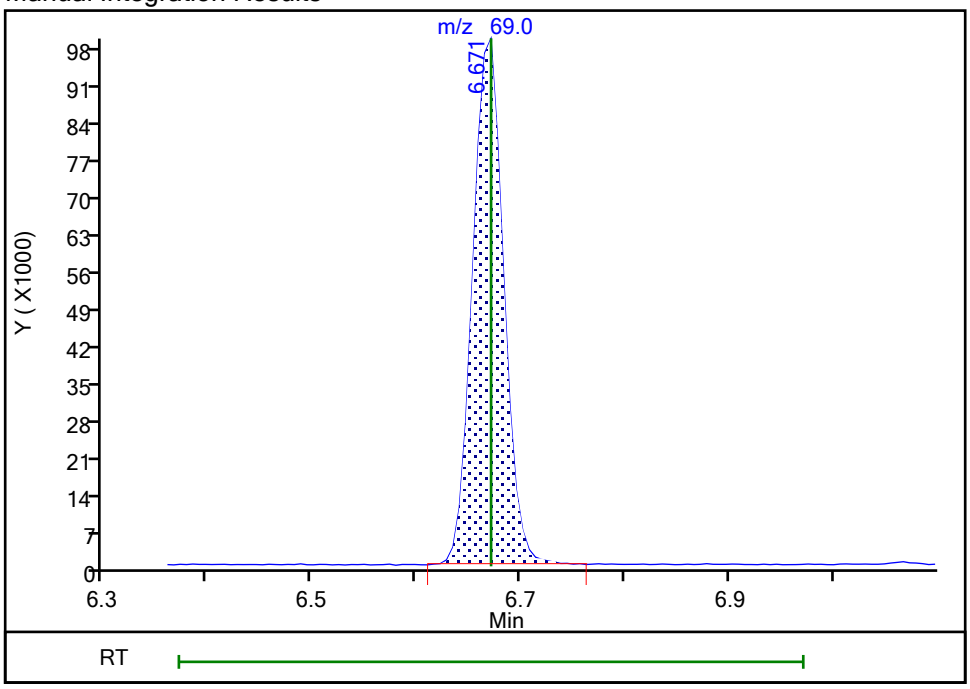
Processing Integration Results

RT: 6.84
Area: 91
Amount: 0.027831
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 207134
Amount: 47.999970
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:22:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jan-2025 08:26:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: BLK
Misc. Info.: 460-0185886-007
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:12:27 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 08:47:51

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.965 | 0.965 | 0.000 | 97 | 1677106 | 200.0 | 236.0 | |
| 2 Chlorodifluoromethane | 67 | 0.971 | 0.971 | 0.000 | 96 | 197749 | 200.0 | 185.7 | |
| 3 Chloromethane | 50 | 1.087 | 1.087 | 0.000 | 99 | 1600594 | 200.0 | 198.1 | |
| 4 Vinyl chloride | 62 | 1.142 | 1.142 | 0.000 | 98 | 1307755 | 200.0 | 217.0 | |
| 5 Butadiene | 54 | 1.167 | 1.172 | -0.005 | 99 | 1288469 | 200.0 | 205.1 | |
| 6 Bromomethane | 94 | 1.349 | 1.349 | 0.000 | 98 | 849170 | 200.0 | 218.0 | |
| 7 Chloroethane | 64 | 1.374 | 1.374 | 0.000 | 100 | 749516 | 200.0 | 200.4 | |
| 9 Dichlorofluoromethane | 67 | 1.532 | 1.532 | 0.000 | 98 | 2227179 | 200.0 | 201.8 | |
| 8 Pentane | 43 | 1.544 | 1.538 | 0.006 | 95 | 3080277 | 400.0 | 361.6 | |
| 10 Trichlorofluoromethane | 101 | 1.563 | 1.563 | 0.000 | 98 | 1642307 | 200.0 | 216.9 | a |
| 12 Ethanol | 46 | 1.679 | 1.666 | 0.013 | 71 | 109109 | 8000.0 | 7197.1 | |
| 11 Ethyl ether | 59 | 1.679 | 1.678 | 0.001 | 94 | 742308 | 200.0 | 183.5 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.685 | 1.691 | -0.006 | 97 | 771196 | 200.0 | 149.7 | |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.733 | 1.727 | 0.006 | 88 | 549376 | 200.0 | 161.0 | |
| 16 Acrolein | 56 | 1.770 | 1.764 | 0.006 | 56 | 366220 | 500.0 | 479.3 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.776 | 1.776 | 0.000 | 96 | 1055739 | 200.0 | 168.5 | a |
| 17 1,1-Dichloroethene | 96 | 1.837 | 1.819 | 0.018 | 93 | 613812 | 200.0 | 185.8 | |
| 19 Acetone | 43 | 1.874 | 1.867 | 0.007 | 87 | 1281962 | 1000.0 | 1019.9 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.874 | 1.867 | 0.007 | 85 | 672280 | 200.0 | 198.7 | a |
| 20 Iodomethane | 142 | 1.947 | 1.941 | 0.006 | 99 | 978884 | 200.0 | 197.0 | |
| 21 Carbon disulfide | 76 | 1.965 | 1.965 | 0.000 | 100 | 2665443 | 200.0 | 193.2 | a |
| 22 Isopropyl alcohol | 45 | 1.990 | 1.995 | -0.005 | 42 | 694619 | 2000.0 | 2249.5 | |
| 24 3-Chloro-1-propene | 39 | 2.069 | 2.069 | 0.000 | 88 | 997398 | 200.0 | 202.2 | a |
| 23 Acetonitrile | 40 | 2.069 | 2.075 | -0.006 | 77 | 383871 | 2000.0 | 2049.0 | |
| 25 Methyl acetate | 43 | 2.093 | 2.093 | 0.000 | 99 | 1247258 | 400.0 | 406.5 | |
| 27 Methylene Chloride | 84 | 2.166 | 2.160 | 0.006 | 96 | 807408 | 200.0 | 183.4 | |
| * 28 TBA-d9 (IS) | 65 | 2.233 | 2.239 | -0.006 | 0 | 540161 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.288 | 2.288 | 0.000 | 96 | 1140671 | 2000.0 | 2060.2 | a |
| 29 Acrylonitrile | 53 | 2.337 | 2.337 | 0.000 | 94 | 3177689 | 2000.0 | 2057.9 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.349 | 2.349 | 0.000 | 99 | 727929 | 200.0 | 197.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.374 | 2.373 | 0.001 | 97 | 2429984 | 200.0 | 194.1 | |
| 32 Hexane | 57 | 2.563 | 2.562 | 0.001 | 94 | 1072801 | 200.0 | 201.5 | |
| 33 1,1-Dichloroethane | 63 | 2.672 | 2.666 | 0.006 | 99 | 1419972 | 200.0 | 197.4 | |
| 34 Vinyl acetate | 86 | 2.727 | 2.727 | 0.000 | 100 | 308573 | 400.0 | 445.6 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.745 | 2.733 | 0.012 | 93 | 712038 | 200.0 | 210.9 | |
| 36 Isopropyl ether | 45 | 2.758 | 2.757 | 0.001 | 87 | 2712711 | 200.0 | 202.5 | |
| 37 Tert-butyl ethyl ether | 87 | 3.056 | 3.050 | 0.006 | 88 | 976139 | 200.0 | 199.2 | |
| * 38 2-Butanone-d5 | 46 | 3.130 | 3.123 | 0.007 | 0 | 500676 | 250.0 | 250.0 | a |
| 39 cis-1,2-Dichloroethene | 96 | 3.148 | 3.148 | 0.000 | 92 | 792888 | 200.0 | 195.2 | |
| 40 2,2-Dichloropropane | 79 | 3.166 | 3.160 | 0.006 | 91 | 348008 | 200.0 | 177.7 | |
| 41 2-Butanone (MEK) | 72 | 3.178 | 3.172 | 0.006 | 99 | 489019 | 1000.0 | 1020.9 | |
| 42 Propionitrile | 54 | 3.227 | 3.221 | 0.006 | 95 | 1266571 | 2000.0 | 2030.9 | |
| 43 Ethyl acetate | 43 | 3.245 | 3.245 | 0.000 | 99 | 1888052 | 400.0 | 384.0 | |
| 44 Methyl acrylate | 55 | 3.264 | 3.263 | 0.001 | 99 | 928009 | 200.0 | 192.4 | |
| 45 Chlorobromomethane | 128 | 3.355 | 3.349 | 0.006 | 96 | 394465 | 200.0 | 204.2 | |
| 46 Methacrylonitrile | 67 | 3.361 | 3.355 | 0.006 | 91 | 3691678 | 2000.0 | 2052.7 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.410 | -0.006 | 92 | 701948 | 400.0 | 395.6 | M |
| 48 Chloroform | 83 | 3.440 | 3.440 | 0.000 | 98 | 1348199 | 200.0 | 198.9 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.581 | 3.580 | 0.001 | 94 | 191221 | 50.0 | 50.8 | |
| 50 1,1,1-Trichloroethane | 97 | 3.605 | 3.599 | 0.006 | 98 | 1062345 | 200.0 | 197.0 | |
| 51 Cyclohexane | 84 | 3.666 | 3.660 | 0.006 | 94 | 1085836 | 200.0 | 196.7 | |
| 52 1,1-Dichloropropene | 75 | 3.751 | 3.745 | 0.006 | 95 | 1001515 | 200.0 | 203.5 | |
| 53 Carbon tetrachloride | 117 | 3.751 | 3.751 | 0.000 | 96 | 872757 | 200.0 | 206.5 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.892 | 3.891 | 0.001 | 0 | 231003 | 50.0 | 50.1 | |
| 55 Benzene | 78 | 3.946 | 3.940 | 0.006 | 97 | 2912722 | 200.0 | 198.4 | |
| 56 Isobutyl alcohol | 42 | 3.946 | 3.946 | 0.000 | 97 | 578863 | 5000.0 | 5032.9 | |
| 57 1,2-Dichloroethane | 62 | 3.965 | 3.965 | 0.000 | 98 | 1042734 | 200.0 | 196.3 | |
| 58 Isooctane | 57 | 4.068 | 4.056 | 0.012 | 92 | 3557242 | 200.0 | 219.8 | |
| 60 Tert-amyl methyl ether | 73 | 4.099 | 4.093 | 0.006 | 90 | 2763809 | 200.0 | 203.3 | |
| 59 Isopropyl acetate | 61 | 4.087 | 4.093 | -0.006 | 97 | 311015 | 200.0 | 194.7 | |
| * 61 Fluorobenzene | 96 | 4.233 | 4.233 | 0.000 | 98 | 694232 | 50.0 | 50.0 | a |
| 62 n-Heptane | 43 | 4.263 | 4.257 | 0.006 | 92 | 1104134 | 200.0 | 210.5 | |
| 63 Trichloroethene | 95 | 4.617 | 4.617 | 0.000 | 93 | 664808 | 200.0 | 198.1 | |
| 64 n-Butanol | 43 | 4.641 | 4.635 | 0.006 | 87 | 319070 | 5000.0 | 5403.4 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.812 | -0.006 | 97 | 2084017 | 200.0 | 205.2 | |
| 66 Methylcyclohexane | 83 | 4.830 | 4.824 | 0.006 | 95 | 1323323 | 200.0 | 204.2 | |
| 67 1,2-Dichloropropane | 63 | 4.861 | 4.861 | 0.000 | 91 | 812527 | 200.0 | 201.6 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 31564 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.983 | 4.983 | 0.000 | 89 | 466836 | 200.0 | 193.0 | |
| 70 1,4-Dioxane | 88 | 5.044 | 5.044 | 0.000 | 94 | 128114 | 4000.0 | 3744.2 | |
| 71 Methyl methacrylate | 100 | 5.062 | 5.062 | 0.000 | 91 | 350363 | 400.0 | 404.4 | |
| 72 n-Propyl acetate | 43 | 5.154 | 5.147 | 0.007 | 99 | 1100839 | 200.0 | 199.7 | |
| 73 Dichlorobromomethane | 83 | 5.190 | 5.190 | 0.000 | 98 | 944214 | 200.0 | 206.1 | |
| 74 2-Nitropropane | 41 | 5.477 | 5.476 | 0.001 | 99 | 404698 | 400.0 | 413.9 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.599 | 5.598 | 0.001 | 96 | 493003 | 200.5 | 203.2 | |
| 76 Epichlorohydrin | 57 | 5.641 | 5.641 | 0.000 | 99 | 1667816 | 4000.0 | 3984.8 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.739 | 5.732 | 0.007 | 95 | 1206768 | 200.0 | 211.0 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.983 | 5.976 | 0.007 | 98 | 4293055 | 1000.0 | 1003.5 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.062 | 6.062 | 0.000 | 98 | 694207 | 50.0 | 51.0 | |
| 80 Toluene | 91 | 6.147 | 6.147 | 0.000 | 93 | 2833519 | 200.0 | 202.3 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.476 | 6.470 | 0.006 | 97 | 1040943 | 200.0 | 212.4 | |
| 82 Ethyl methacrylate | 69 | 6.672 | 6.671 | 0.001 | 89 | 993005 | 200.0 | 196.7 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.702 | 6.702 | 0.000 | 93 | 528729 | 200.0 | 198.9 | |
| 84 Tetrachloroethene | 166 | 6.854 | 6.848 | 0.006 | 91 | 538154 | 200.0 | 207.7 | |
| 85 1,3-Dichloropropane | 76 | 6.903 | 6.903 | 0.000 | 94 | 1023171 | 200.0 | 200.7 | |
| 86 2-Hexanone | 43 | 7.068 | 7.068 | 0.000 | 98 | 2749884 | 1000.0 | 1006.4 | |
| 87 Chlorodibromomethane | 129 | 7.159 | 7.153 | 0.006 | 97 | 613207 | 200.0 | 218.3 | |
| 88 Ethylene Dibromide | 107 | 7.251 | 7.250 | 0.001 | 97 | 556988 | 200.0 | 205.8 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | 0.000 | 99 | 1197742 | 200.0 | 192.9 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 90 | 441703 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.793 | 7.787 | 0.006 | 92 | 1687812 | 200.0 | 211.4 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 94 | 621798 | 200.0 | 208.3 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 910766 | 200.0 | 204.4 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 1132724 | 200.0 | 205.6 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 93 | 1231052 | 200.0 | 212.8 | |
| 96 Styrene | 104 | 8.415 | 8.409 | 0.006 | 93 | 2017613 | 200.0 | 217.9 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 96 | 603228 | 200.0 | 204.5 | |
| 98 Bromoform | 173 | 8.549 | 8.543 | 0.006 | 92 | 379604 | 200.0 | 225.2 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.641 | 8.640 | 0.001 | 89 | 1389307 | 200.0 | 184.9 | |
| 439 (-)-a-Pinene | 93 | 8.702 | 8.701 | 0.001 | 100 | 1501017 | 200.0 | 208.1 | |
| 100 Isopropylbenzene | 105 | 8.732 | 8.726 | 0.006 | 96 | 3183212 | 200.0 | 222.8 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 81 | 166198 | 50.0 | 49.4 | |
| 102 Bromobenzene | 156 | 8.939 | 8.939 | 0.000 | 93 | 660139 | 200.0 | 201.6 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.988 | 8.982 | 0.006 | 98 | 928237 | 200.0 | 196.2 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 98 | 219218 | 200.0 | 186.4 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 92 | 244353 | 200.0 | 182.4 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 806502 | 200.0 | 208.6 | |
| 107 2-Chlorotoluene | 126 | 9.116 | 9.110 | 0.006 | 97 | 697279 | 200.0 | 206.0 | |
| 108 4-Ethyltoluene | 105 | 9.165 | 9.159 | 0.006 | 99 | 3099517 | 200.0 | 211.2 | |
| 109 4-Chlorotoluene | 91 | 9.202 | 9.201 | 0.001 | 99 | 2724526 | 200.0 | 209.8 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.214 | 9.214 | 0.000 | 91 | 2912581 | 200.0 | 221.1 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 92 | 1005868 | 200.0 | 201.1 | |
| 112 tert-Butylbenzene | 119 | 9.458 | 9.457 | 0.001 | 92 | 2327766 | 200.0 | 224.1 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.500 | 9.494 | 0.006 | 98 | 2909498 | 200.0 | 214.4 | |
| 114 sec-Butylbenzene | 105 | 9.628 | 9.628 | 0.000 | 99 | 3840115 | 200.0 | 230.6 | |
| 115 1,3-Dichlorobenzene | 146 | 9.689 | 9.683 | 0.006 | 95 | 1336592 | 200.0 | 205.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 96 | 261064 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.744 | 9.744 | 0.000 | 97 | 3391826 | 200.0 | 228.5 | |
| 118 1,4-Dichlorobenzene | 146 | 9.756 | 9.750 | 0.006 | 93 | 1447633 | 200.0 | 208.1 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 100 | 3217285 | 200.0 | 222.5 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 97 | 298129 | 200.0 | 203.1 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 2941787 | 200.0 | 225.2 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 92 | 1590997 | 200.0 | 225.0 | |
| 122 p-Diethylbenzene | 119 | 10.025 | 10.024 | 0.001 | 93 | 2128707 | 200.0 | 234.6 | |
| 124 n-Butylbenzene | 92 | 10.037 | 10.037 | 0.000 | 97 | 1840502 | 200.0 | 218.3 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 3229098 | 200.0 | 230.9 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 94 | 192057 | 200.0 | 209.7 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.720 | 10.719 | 0.001 | 95 | 1075964 | 200.0 | 213.0 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.140 | 11.134 | 0.006 | 93 | 983149 | 200.0 | 203.4 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 89 | 481550 | 200.0 | 215.7 | |
| 130 Naphthalene | 128 | 11.299 | 11.298 | 0.001 | 99 | 2720802 | 200.0 | 185.4 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 94 | 940696 | 200.0 | 198.1 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 392.5 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 400.0 | 423.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 400.0 | 418.4 | |
| S 135 Total BTEX | 1 | | | | 0 | | 1000.0 | 1023.6 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00487 | Amount Added: | 2.00 | Units: uL | |
| MIX I Hi_00184 | Amount Added: | 2.00 | Units: uL | |
| MIX 2 Hi_00157 | Amount Added: | 2.00 | Units: uL | |
| Ethanol mix_00097 | Amount Added: | 2.00 | Units: uL | |
| 7 Freons Hi_00023 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 5.00 | Units: uL | |
| alpha-Pinene_00005 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 16:12:28 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D

Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2 Operator ID:

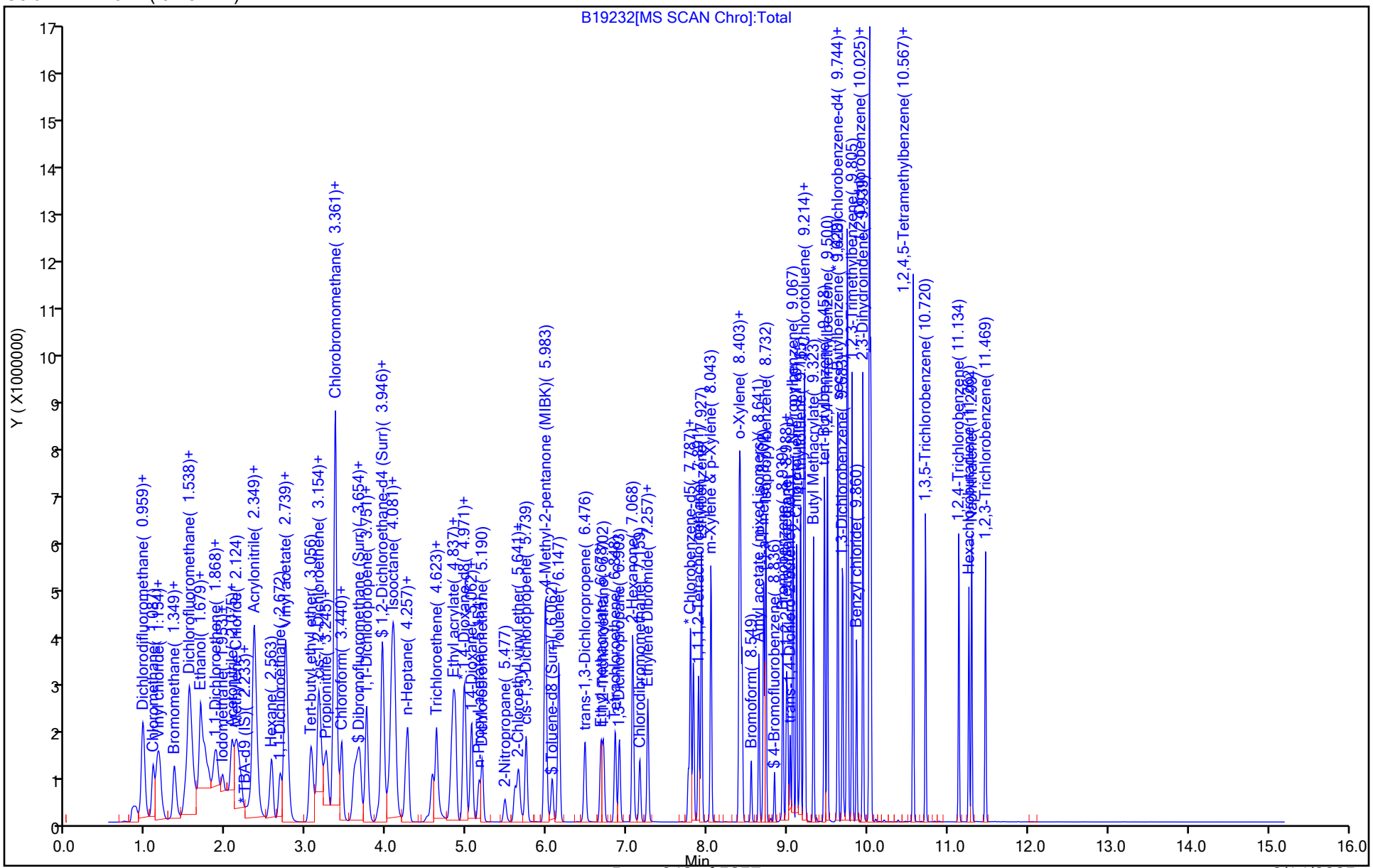
Lims ID: STD200 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Eurofins Edison

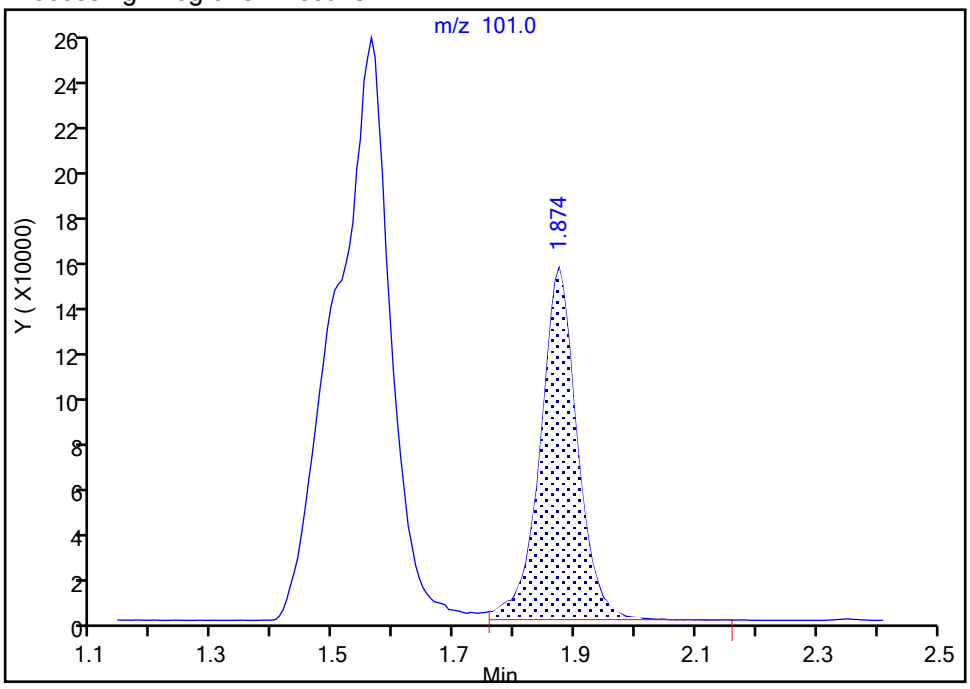
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

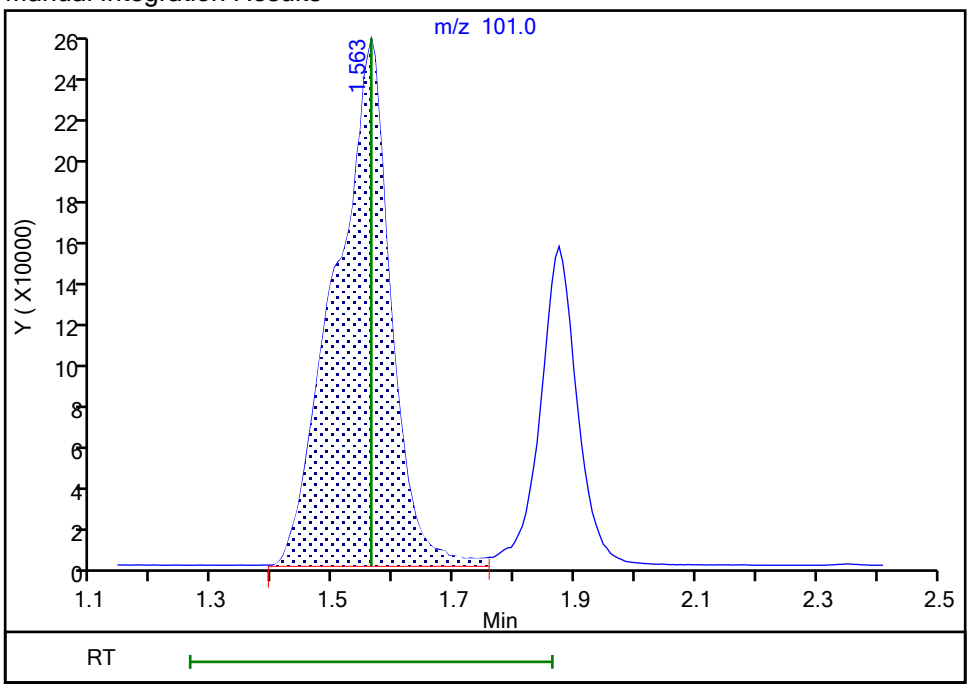
Processing Integration Results

RT: 1.87
Area: 666184
Amount: 190.4901
Amount Units: ug/l




Manual Integration Results

RT: 1.56
Area: 1642307
Amount: 216.8714
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

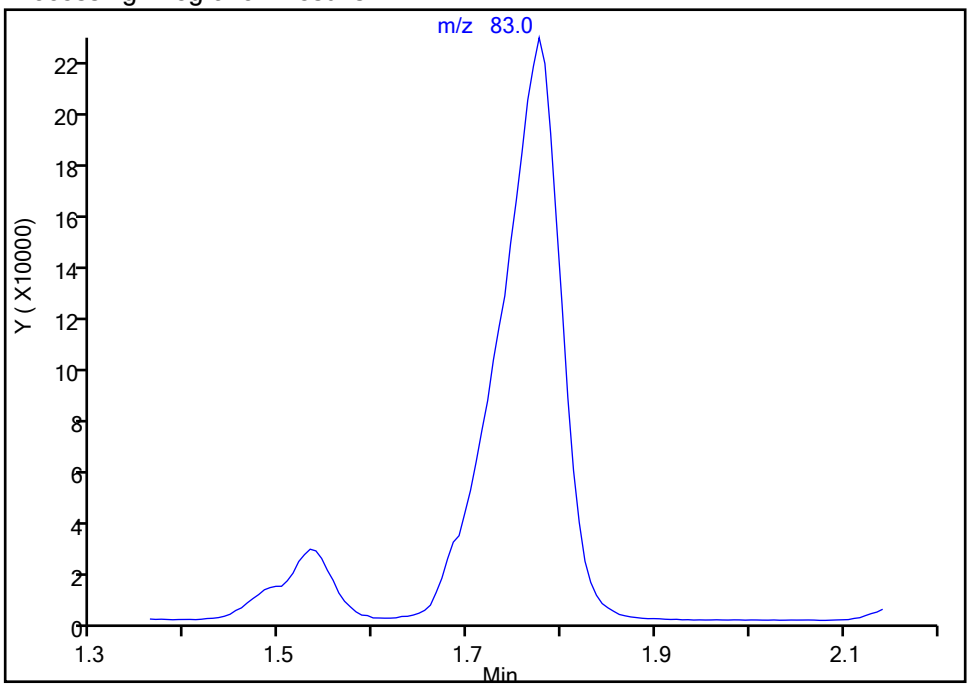
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

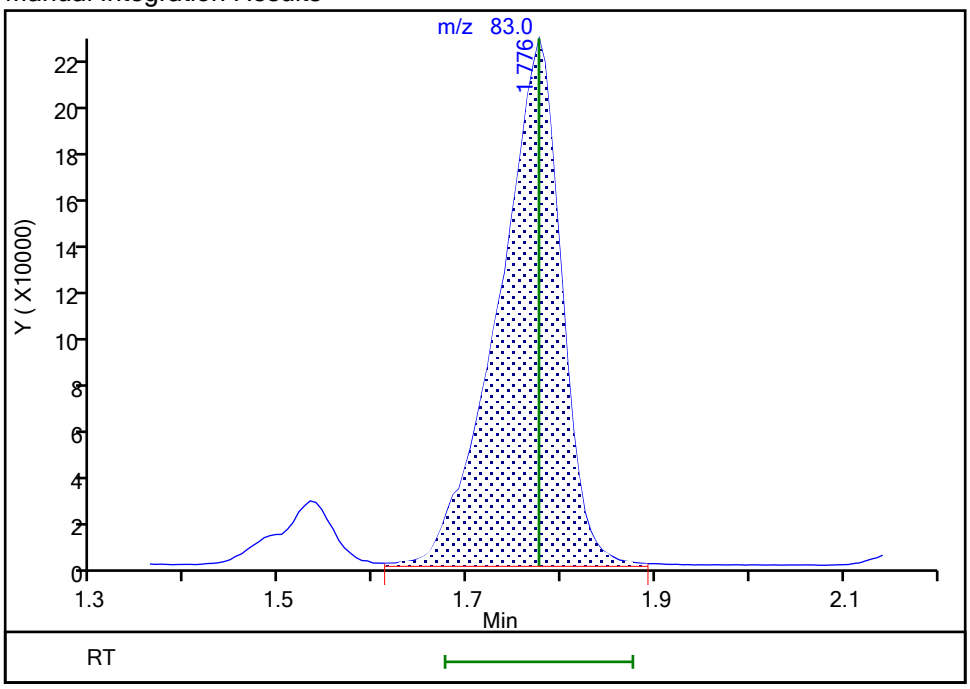
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.78
Area: 1055739
Amount: 168.5269
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

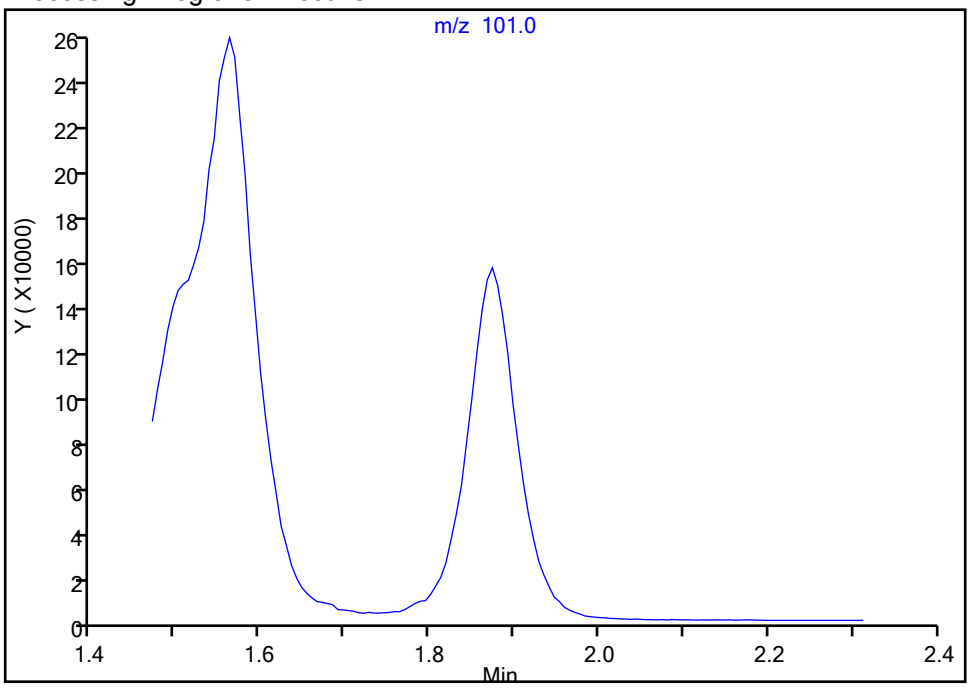
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 18 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

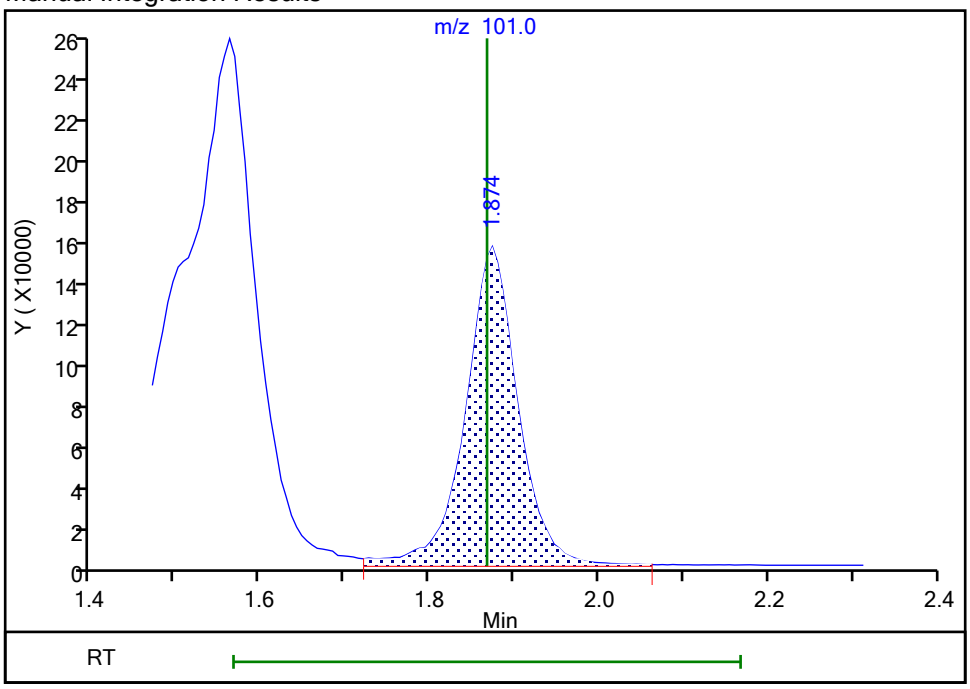
Not Detected
Expected RT: 1.87

Processing Integration Results




Manual Integration Results

RT: 1.87
Area: 672280
Amount: 198.7052
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

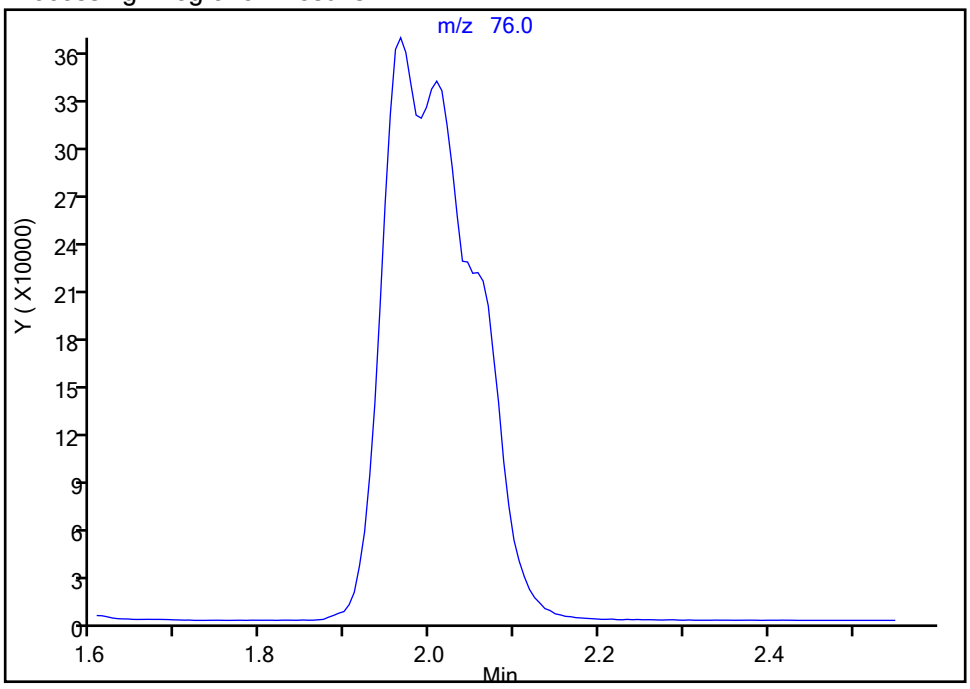
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

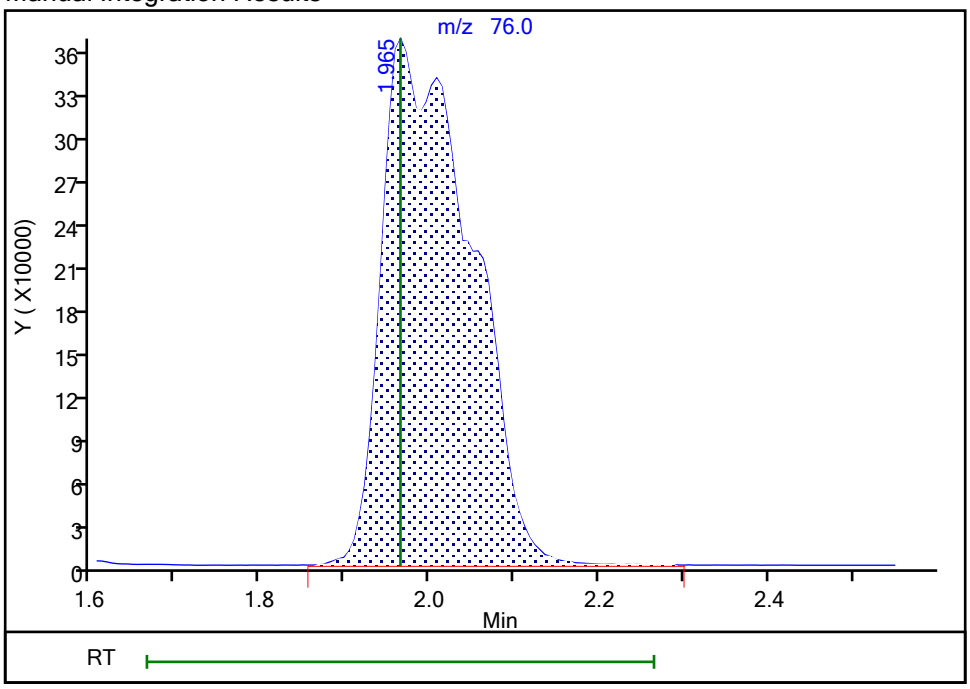
Not Detected
Expected RT: 1.96

Processing Integration Results




Manual Integration Results

RT: 1.97
Area: 2665443
Amount: 193.2336
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

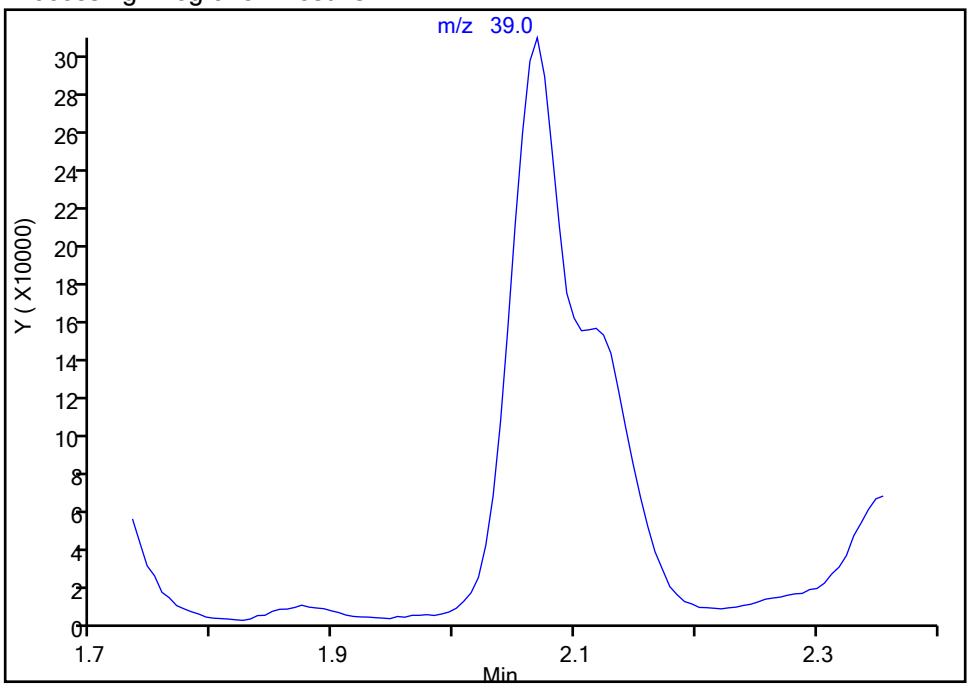
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 24 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

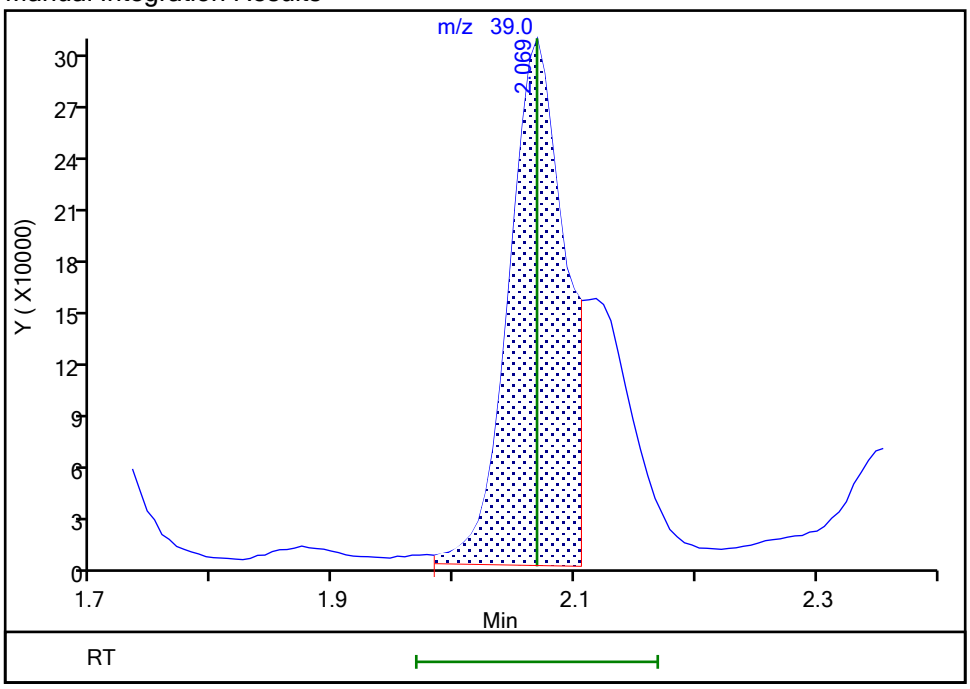
Not Detected
Expected RT: 2.07

Processing Integration Results




Manual Integration Results

RT: 2.07
Area: 997398
Amount: 202.2133
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

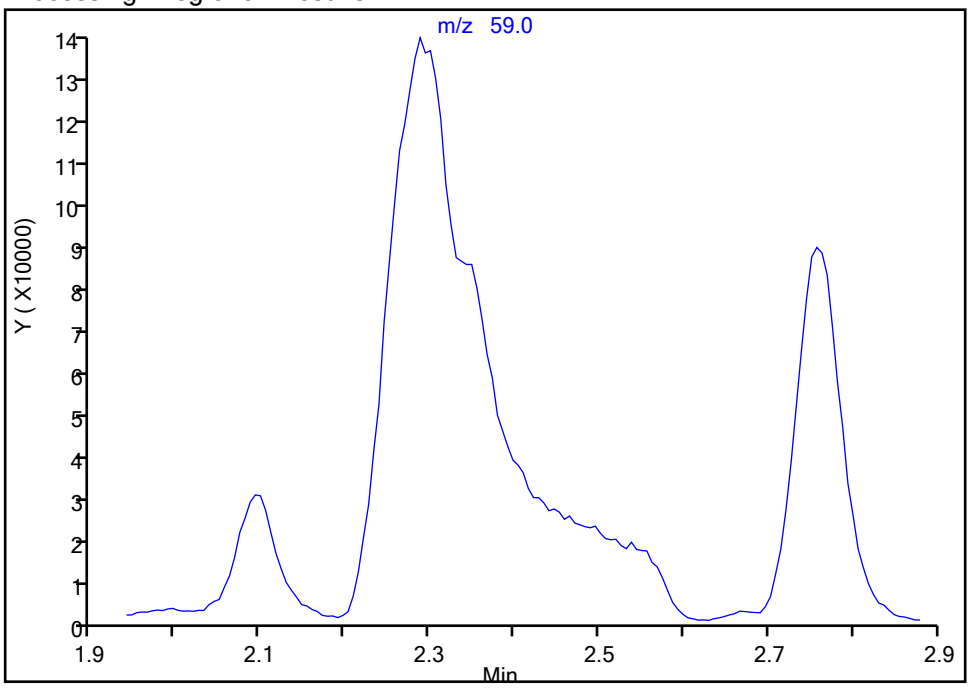
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

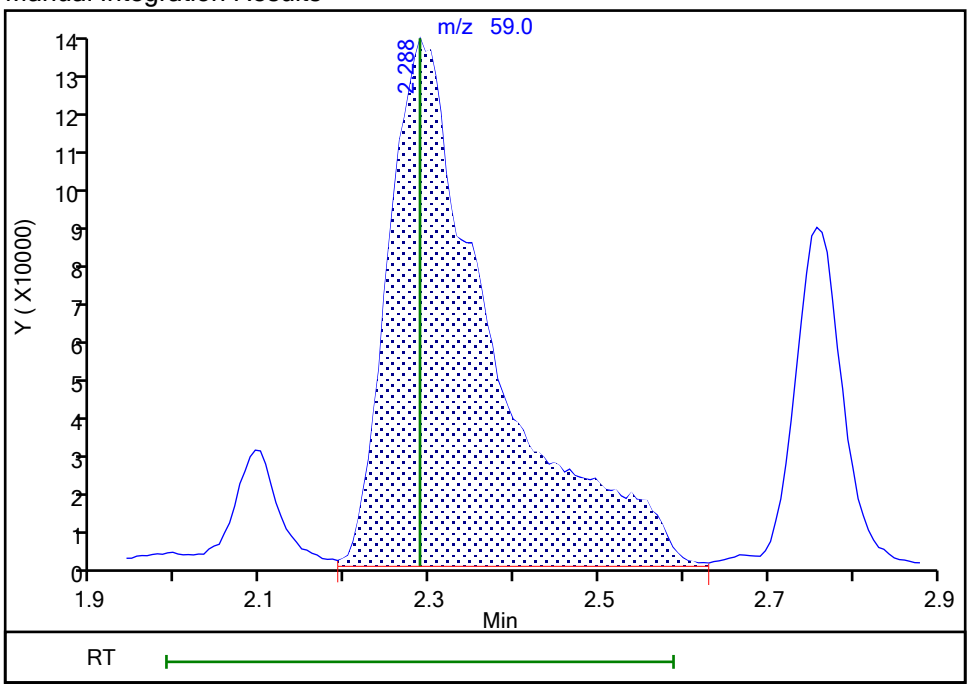
Not Detected
Expected RT: 2.29

Processing Integration Results




Manual Integration Results

RT: 2.29
Area: 1140671
Amount: 2060.2284
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

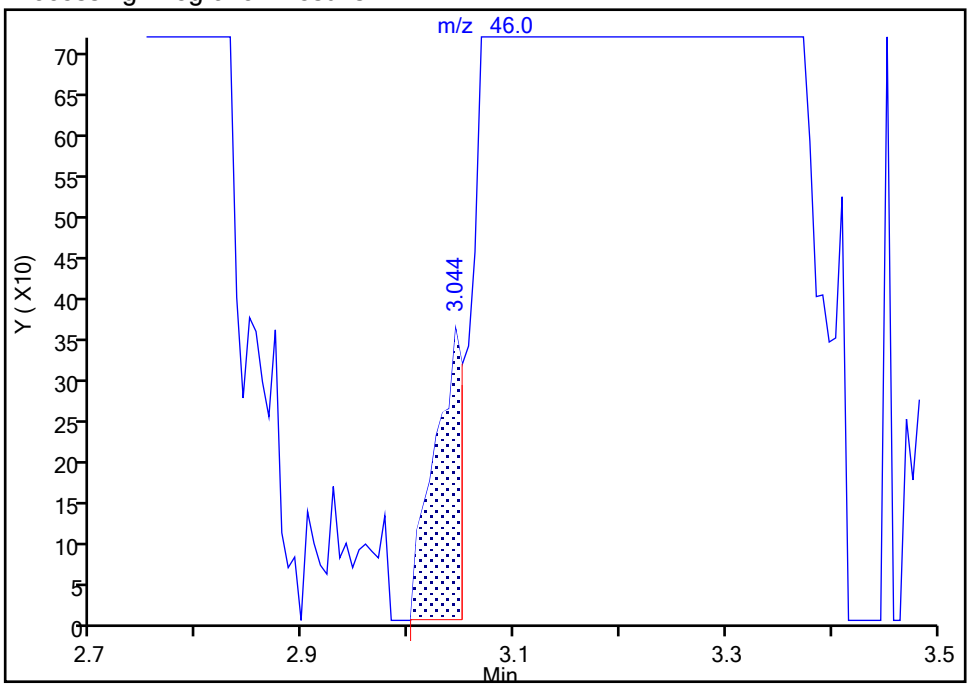
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

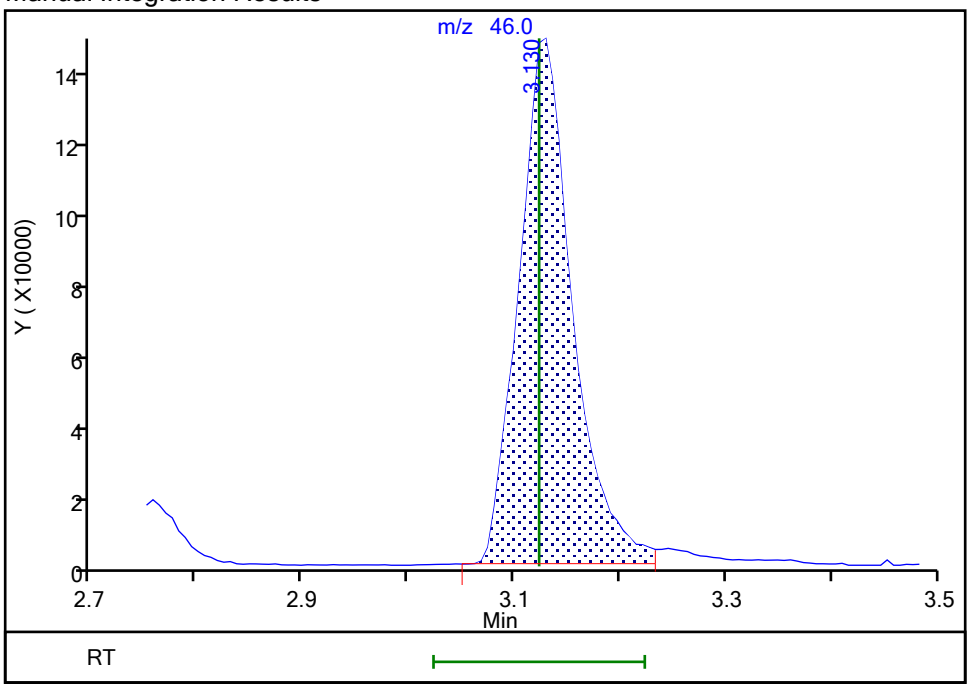
Processing Integration Results

RT: 3.04
Area: 675
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.13
Area: 500676
Amount: 250.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

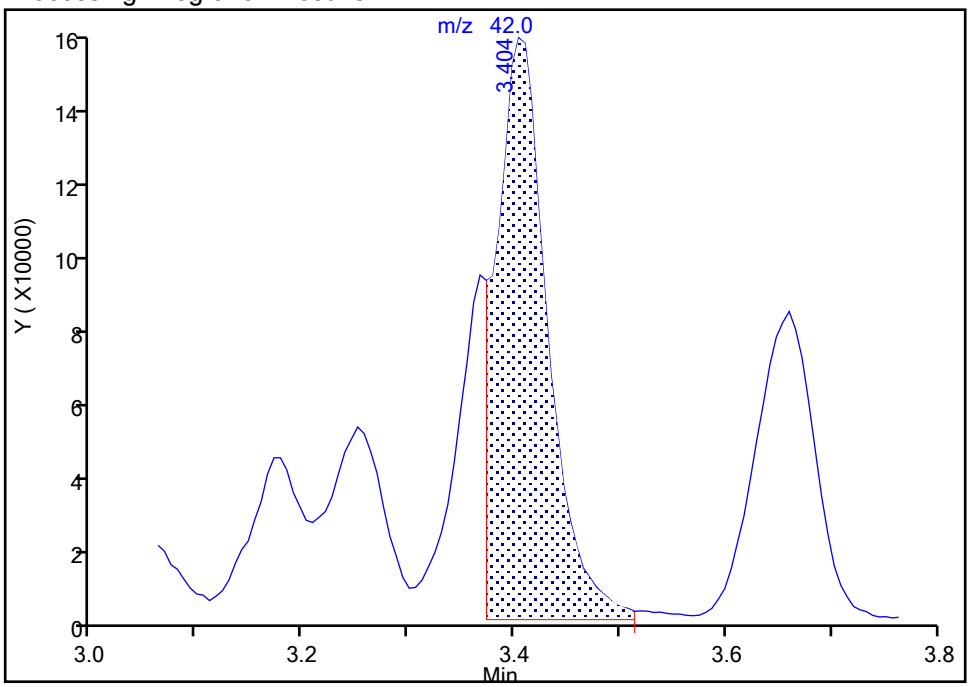
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 47 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

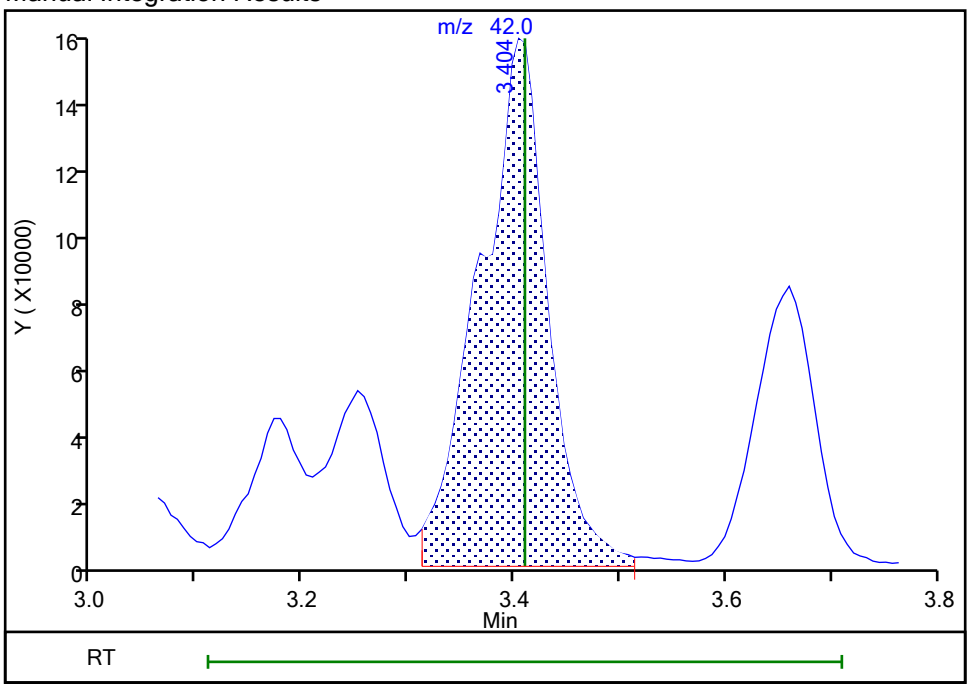
Processing Integration Results

RT: 3.40
Area: 540032
Amount: 0.555291
Amount Units: ug/l




Manual Integration Results

RT: 3.40
Area: 701948
Amount: 395.5623
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:21:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

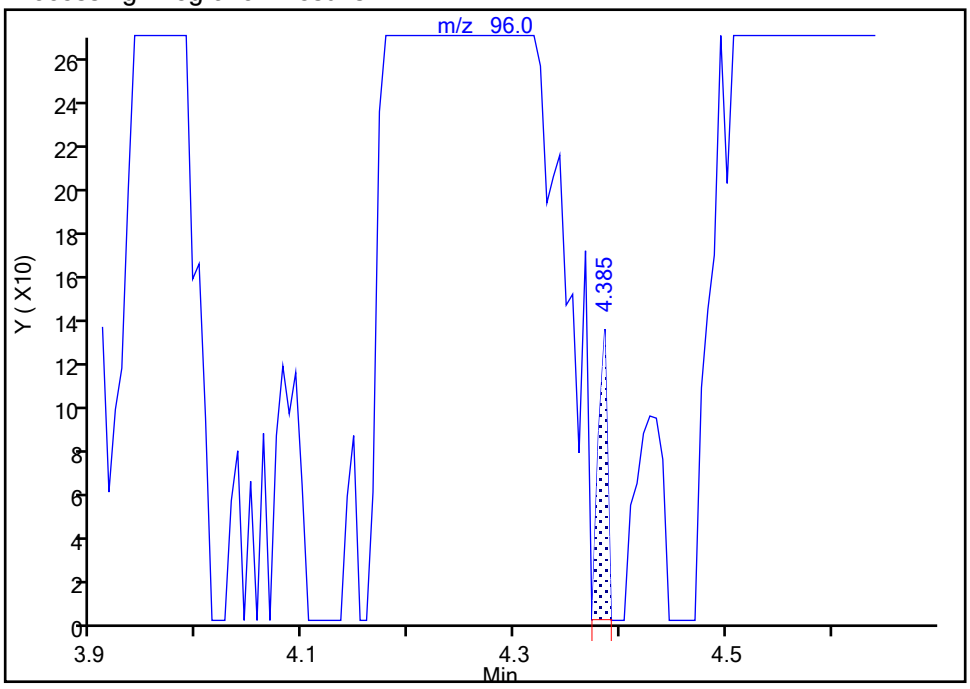
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 61 Fluorobenzene, CAS: 462-06-6

Signal: 1

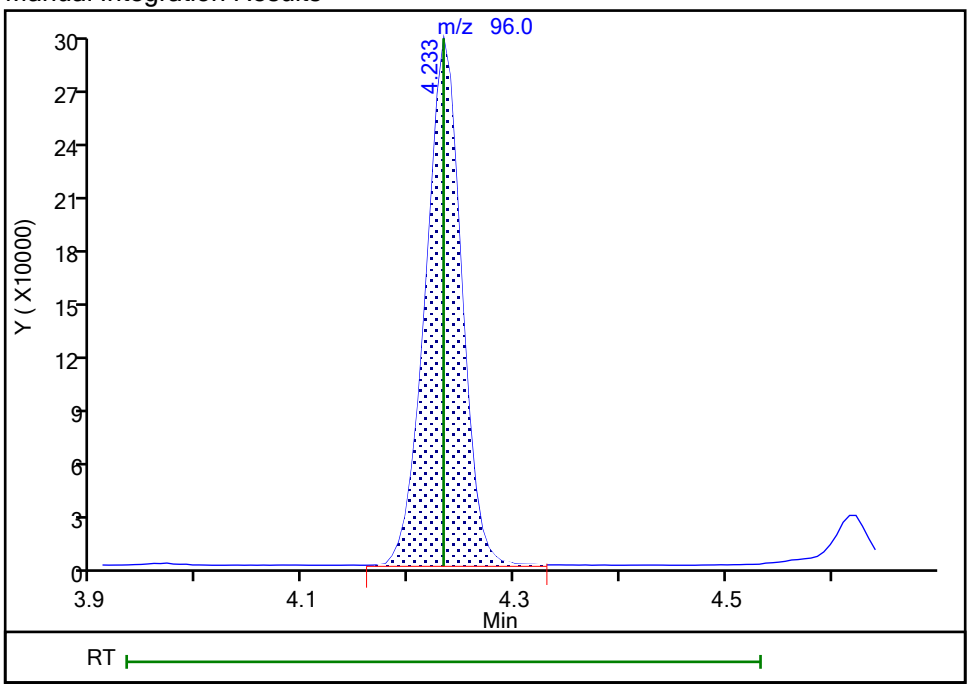
Processing Integration Results

RT: 4.39
Area: 80
Amount: 50.000000
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 694232
Amount: 50.000000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:20:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

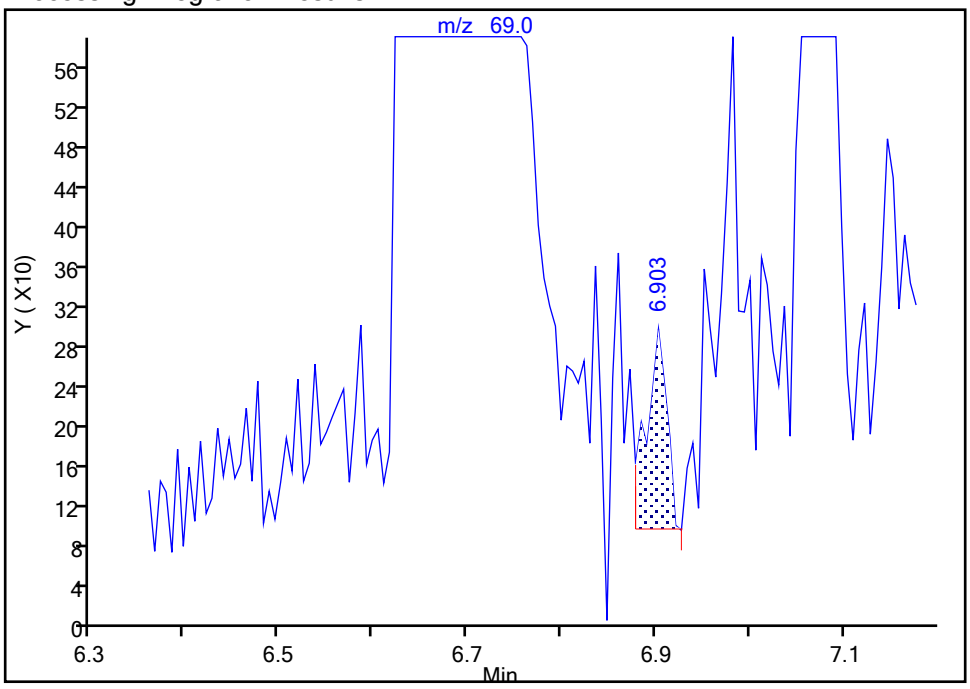
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19232.D
Injection Date: 17-Jan-2025 08:26:30 Instrument ID: CVOAMS2
Lims ID: STD200
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

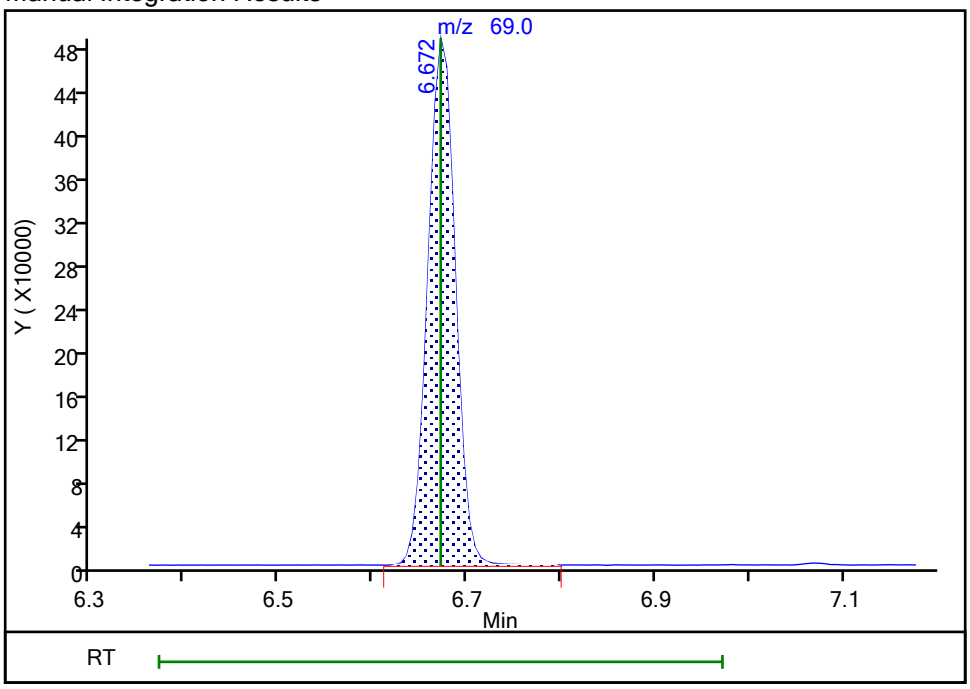
Processing Integration Results

RT: 6.90
Area: 310
Amount: 0.119984
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 993005
Amount: 196.7328
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:21:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Jan-2025 08:51:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0185886-008
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:12:36 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 09:15:16

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.953 | 0.965 | -0.012 | 98 | 4316301 | 500.0 | 562.3 | |
| 2 Chlorodifluoromethane | 67 | 0.965 | 0.971 | -0.006 | 96 | 515149 | 500.0 | 449.4 | |
| 3 Chloromethane | 50 | 1.075 | 1.087 | -0.012 | 99 | 4104089 | 500.0 | 470.2 | |
| 4 Vinyl chloride | 62 | 1.136 | 1.142 | -0.006 | 98 | 3334060 | 500.0 | 512.2 | |
| 5 Butadiene | 54 | 1.160 | 1.172 | -0.012 | 98 | 3305476 | 500.0 | 487.3 | |
| 6 Bromomethane | 94 | 1.337 | 1.349 | -0.012 | 98 | 1740491 | 500.0 | 413.8 | |
| 7 Chloroethane | 64 | 1.368 | 1.374 | -0.006 | 99 | 1616767 | 500.0 | 400.3 | |
| 9 Dichlorofluoromethane | 67 | 1.526 | 1.532 | -0.006 | 99 | 4981772 | 500.0 | 417.9 | |
| 8 Pentane | 43 | 1.551 | 1.538 | 0.012 | 95 | 7533033 | 1000.0 | 818.8 | |
| 10 Trichlorofluoromethane | 101 | 1.557 | 1.563 | -0.006 | 98 | 3918972 | 500.0 | 479.2 | a |
| 12 Ethanol | 46 | 1.672 | 1.666 | 0.006 | 66 | 360763 | 20000 | 20700 | |
| 11 Ethyl ether | 59 | 1.666 | 1.678 | -0.012 | 95 | 2066371 | 500.0 | 473.8 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.685 | 1.691 | -0.006 | 93 | 2304408 | 500.0 | 414.1 | a |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 97 | 1859248 | 500.0 | 504.4 | |
| 16 Acrolein | 56 | 1.764 | 1.764 | 0.000 | 50 | 541923 | 600.0 | 616.9 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.770 | 1.776 | -0.006 | 94 | 3318993 | 500.0 | 490.6 | a |
| 17 1,1-Dichloroethene | 96 | 1.837 | 1.819 | 0.018 | 92 | 1710040 | 500.0 | 479.3 | |
| 19 Acetone | 43 | 1.868 | 1.867 | 0.001 | 87 | 3176810 | 2500.0 | 2307.2 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.868 | 1.867 | 0.001 | 92 | 1901041 | 500.0 | 520.3 | a |
| 20 Iodomethane | 142 | 1.941 | 1.941 | 0.000 | 99 | 2751238 | 500.0 | 512.7 | |
| 21 Carbon disulfide | 76 | 2.002 | 1.965 | 0.037 | 99 | 7600152 | 500.0 | 510.2 | a |
| 22 Isopropyl alcohol | 45 | 1.983 | 1.995 | -0.012 | 97 | 1928662 | 5000.0 | 5433.0 | |
| 24 3-Chloro-1-propene | 39 | 2.063 | 2.069 | -0.006 | 85 | 2680355 | 500.0 | 503.2 | Ma |
| 23 Acetonitrile | 40 | 2.069 | 2.075 | -0.006 | 82 | 745925 | 5000.0 | 3463.3 | |
| 25 Methyl acetate | 43 | 2.087 | 2.093 | -0.006 | 100 | 3585707 | 1000.0 | 1082.0 | |
| 27 Methylene Chloride | 84 | 2.172 | 2.160 | 0.012 | 96 | 2251814 | 500.0 | 473.6 | |
| * 28 TBA-d9 (IS) | 65 | 2.233 | 2.239 | -0.006 | 0 | 620982 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.331 | 2.288 | 0.043 | 97 | 3371620 | 5000.0 | 5297.1 | a |
| 29 Acrylonitrile | 53 | 2.337 | 2.337 | 0.000 | 96 | 9151227 | 5000.0 | 5155.0 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.343 | 2.349 | -0.006 | 98 | 2092533 | 500.0 | 525.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.367 | 2.373 | -0.006 | 97 | 6918180 | 500.0 | 511.8 | |
| 32 Hexane | 57 | 2.556 | 2.562 | -0.006 | 94 | 2923534 | 500.0 | 508.4 | |
| 33 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 99 | 3863238 | 500.0 | 497.2 | |
| 34 Vinyl acetate | 86 | 2.721 | 2.727 | -0.006 | 100 | 914665 | 1000.0 | 1205.8 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.733 | 2.733 | 0.000 | 94 | 1990006 | 500.0 | 545.8 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.757 | -0.006 | 86 | 7370396 | 500.0 | 509.4 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 88 | 2648790 | 500.0 | 500.6 | |
| * 38 2-Butanone-d5 | 46 | 3.123 | 3.123 | 0.000 | 0 | 548470 | 250.0 | 250.0 | a |
| 39 cis-1,2-Dichloroethene | 96 | 3.148 | 3.148 | 0.000 | 93 | 2228262 | 500.0 | 507.9 | |
| 40 2,2-Dichloropropane | 79 | 3.172 | 3.160 | 0.012 | 94 | 995473 | 500.0 | 470.8 | |
| 41 2-Butanone (MEK) | 72 | 3.172 | 3.172 | 0.000 | 99 | 1412274 | 2500.0 | 2691.5 | |
| 42 Propionitrile | 54 | 3.227 | 3.221 | 0.006 | 95 | 3596309 | 5000.0 | 5264.1 | |
| 43 Ethyl acetate | 43 | 3.239 | 3.245 | -0.006 | 99 | 5324970 | 1000.0 | 988.7 | |
| 44 Methyl acrylate | 55 | 3.264 | 3.263 | 0.001 | 98 | 2609264 | 500.0 | 500.9 | a |
| 45 Chlorobromomethane | 128 | 3.355 | 3.349 | 0.006 | 97 | 1166233 | 500.0 | 559.1 | |
| 46 Methacrylonitrile | 67 | 3.367 | 3.355 | 0.012 | 92 | 10911823 | 5000.0 | 5617.9 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.410 | -0.006 | 94 | 2039102 | 1000.0 | 1048.9 | |
| 48 Chloroform | 83 | 3.440 | 3.440 | 0.000 | 98 | 3688693 | 500.0 | 504.0 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.581 | 3.580 | 0.001 | 94 | 193717 | 50.0 | 47.6 | |
| 50 1,1,1-Trichloroethane | 97 | 3.605 | 3.599 | 0.006 | 98 | 2910423 | 500.0 | 499.8 | |
| 51 Cyclohexane | 84 | 3.660 | 3.660 | 0.000 | 94 | 3014313 | 500.0 | 505.5 | |
| 52 1,1-Dichloropropene | 75 | 3.745 | 3.745 | 0.000 | 96 | 2781078 | 500.0 | 523.2 | |
| 53 Carbon tetrachloride | 117 | 3.757 | 3.751 | 0.006 | 96 | 2434083 | 500.0 | 533.2 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.885 | 3.891 | -0.006 | 0 | 229924 | 50.0 | 46.2 | |
| 55 Benzene | 78 | 3.940 | 3.940 | 0.000 | 97 | 8354459 | 500.0 | 522.9 | |
| 56 Isobutyl alcohol | 42 | 3.946 | 3.946 | 0.000 | 96 | 1723186 | 12500 | 13032 | |
| 57 1,2-Dichloroethane | 62 | 3.965 | 3.965 | 0.000 | 98 | 2984030 | 500.0 | 520.1 | |
| 58 Isooctane | 57 | 4.068 | 4.056 | 0.012 | 92 | 10276219 | 500.0 | 588.0 | |
| 60 Tert-amyl methyl ether | 73 | 4.099 | 4.093 | 0.006 | 90 | 8722245 | 500.0 | 594.1 | |
| 59 Isopropyl acetate | 61 | 4.087 | 4.093 | -0.006 | 96 | 907730 | 500.0 | 526.1 | |
| * 61 Fluorobenzene | 96 | 4.233 | 4.233 | 0.000 | 98 | 749774 | 50.0 | 50.0 | a |
| 62 n-Heptane | 43 | 4.257 | 4.257 | 0.000 | 93 | 3012740 | 500.0 | 531.8 | |
| 63 Trichloroethene | 95 | 4.617 | 4.617 | 0.000 | 94 | 1889415 | 500.0 | 521.2 | |
| 64 n-Butanol | 43 | 4.647 | 4.635 | 0.012 | 88 | 942910 | 12500 | 13890 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.812 | -0.006 | 98 | 5945253 | 500.0 | 542.0 | |
| 66 Methylcyclohexane | 83 | 4.836 | 4.824 | 0.012 | 96 | 3842285 | 500.0 | 549.0 | a |
| 67 1,2-Dichloropropane | 63 | 4.861 | 4.861 | 0.000 | 91 | 2272266 | 500.0 | 522.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 44903 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.983 | 4.983 | 0.000 | 90 | 1370009 | 500.0 | 524.5 | |
| 70 1,4-Dioxane | 88 | 5.044 | 5.044 | 0.000 | 93 | 381022 | 10000 | 7827.7 | |
| 71 Methyl methacrylate | 100 | 5.062 | 5.062 | 0.000 | 89 | 1019577 | 1000.0 | 1089.6 | |
| 72 n-Propyl acetate | 43 | 5.153 | 5.147 | 0.006 | 99 | 3071794 | 500.0 | 516.1 | |
| 73 Dichlorobromomethane | 83 | 5.190 | 5.190 | 0.000 | 98 | 2662453 | 500.0 | 538.1 | |
| 74 2-Nitropropane | 41 | 5.477 | 5.476 | 0.001 | 99 | 1144972 | 1000.0 | 1084.3 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.605 | 5.598 | 0.007 | 95 | 1397690 | 501.2 | 533.5 | |
| 76 Epichlorohydrin | 57 | 5.647 | 5.641 | 0.006 | 99 | 4916354 | 10000 | 10723 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.739 | 5.732 | 0.007 | 95 | 3455523 | 500.0 | 555.1 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.983 | 5.976 | 0.007 | 98 | 12736051 | 2500.0 | 2717.5 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.068 | 6.062 | 0.006 | 98 | 704988 | 50.0 | 47.6 | |
| 80 Toluene | 91 | 6.147 | 6.147 | 0.000 | 93 | 8256667 | 500.0 | 541.6 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.476 | 6.470 | 0.006 | 97 | 3001524 | 500.0 | 562.7 | |
| 82 Ethyl methacrylate | 69 | 6.678 | 6.671 | 0.007 | 88 | 2847589 | 500.0 | 522.4 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.708 | 6.702 | 0.006 | 93 | 1518169 | 500.0 | 524.7 | |
| 84 Tetrachloroethene | 166 | 6.854 | 6.848 | 0.006 | 90 | 1555909 | 500.0 | 551.8 | |
| 85 1,3-Dichloropropane | 76 | 6.903 | 6.903 | 0.000 | 94 | 2929388 | 500.0 | 527.9 | |
| 86 2-Hexanone | 43 | 7.074 | 7.068 | 0.006 | 97 | 8155088 | 2500.0 | 2724.5 | |
| 87 Chlorodibromomethane | 129 | 7.159 | 7.153 | 0.006 | 97 | 1834713 | 500.0 | 600.1 | |
| 88 Ethylene Dibromide | 107 | 7.257 | 7.250 | 0.007 | 96 | 1680040 | 500.0 | 570.4 | |
| 89 n-Butyl acetate | 43 | 7.263 | 7.257 | 0.006 | 99 | 3405740 | 500.0 | 504.0 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 90 | 480764 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.793 | 7.787 | 0.006 | 92 | 5111416 | 500.0 | 588.2 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 95 | 1851491 | 500.0 | 569.9 | |
| 93 Ethylbenzene | 106 | 7.927 | 7.927 | 0.000 | 99 | 2745694 | 500.0 | 566.2 | |
| 94 m-Xylene & p-Xylene | 106 | 8.049 | 8.043 | 0.006 | 0 | 3444545 | 500.0 | 574.5 | |
| 95 o-Xylene | 106 | 8.403 | 8.397 | 0.006 | 92 | 3759056 | 500.0 | 596.9 | |
| 96 Styrene | 104 | 8.415 | 8.409 | 0.006 | 93 | 6464004 | 500.0 | 641.3 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 96 | 1737663 | 500.0 | 541.1 | |
| 98 Bromoform | 173 | 8.549 | 8.543 | 0.006 | 93 | 1170342 | 500.0 | 637.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.647 | 8.640 | 0.007 | 89 | 3919092 | 500.0 | 437.7 | |
| 439 (-)-a-Pinene | 93 | 8.702 | 8.701 | 0.001 | 100 | 4320842 | 500.0 | 491.1 | |
| 100 Isopropylbenzene | 105 | 8.732 | 8.726 | 0.006 | 97 | 9512282 | 500.0 | 611.7 | e |
| $ 101 4-Bromofluorobenzene | 174 | 8.842 | 8.836 | 0.006 | 84 | 167946 | 50.0 | 41.9 | |
| 102 Bromobenzene | 156 | 8.945 | 8.939 | 0.006 | 95 | 2089881 | 500.0 | 535.6 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.988 | 8.982 | 0.006 | 99 | 2752555 | 500.0 | 488.1 | |
| 104 1,2,3-Trichloropropane | 110 | 9.006 | 9.000 | 0.006 | 98 | 647737 | 500.0 | 462.1 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.037 | 9.031 | 0.006 | 93 | 687529 | 500.0 | 430.7 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 2393023 | 500.0 | 519.3 | e |
| 107 2-Chlorotoluene | 126 | 9.116 | 9.110 | 0.006 | 96 | 2125189 | 500.0 | 526.9 | a |
| 108 4-Ethyltoluene | 105 | 9.165 | 9.159 | 0.006 | 99 | 9183639 | 500.0 | 525.0 | e |
| 109 4-Chlorotoluene | 91 | 9.208 | 9.201 | 0.007 | 99 | 8856453 | 500.0 | 572.2 | e |
| 110 1,3,5-Trimethylbenzene | 105 | 9.220 | 9.214 | 0.006 | 93 | 8997955 | 500.0 | 573.2 | e |
| 111 Butyl Methacrylate | 87 | 9.329 | 9.323 | 0.006 | 92 | 3052452 | 500.0 | 512.1 | |
| 112 tert-Butylbenzene | 119 | 9.464 | 9.457 | 0.007 | 92 | 7587963 | 500.0 | 613.0 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.500 | 9.494 | 0.006 | 98 | 8697666 | 500.0 | 537.7 | e |
| 114 sec-Butylbenzene | 105 | 9.628 | 9.628 | 0.000 | 95 | 10069374 | 500.0 | 507.2 | e |
| 115 1,3-Dichlorobenzene | 146 | 9.689 | 9.683 | 0.006 | 94 | 4245232 | 500.0 | 546.5 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 94 | 311135 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.744 | 9.744 | 0.000 | 96 | 9796964 | 500.0 | 553.8 | e |
| 118 1,4-Dichlorobenzene | 146 | 9.756 | 9.750 | 0.006 | 93 | 4649548 | 500.0 | 560.7 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.811 | 9.805 | 0.006 | 97 | 9103892 | 500.0 | 528.4 | e |
| 120 Benzyl chloride | 126 | 9.866 | 9.860 | 0.006 | 98 | 888630 | 500.0 | 507.9 | |
| 121 2,3-Dihydroindene | 117 | 9.945 | 9.939 | 0.006 | 95 | 8446214 | 500.0 | 598.8 | e |
| 123 1,2-Dichlorobenzene | 146 | 10.024 | 10.018 | 0.006 | 93 | 4757890 | 500.0 | 564.6 | |
| 122 p-Diethylbenzene | 119 | 10.024 | 10.024 | 0.000 | 92 | 6144619 | 500.0 | 568.3 | |
| 124 n-Butylbenzene | 92 | 10.043 | 10.037 | 0.006 | 95 | 5499827 | 500.0 | 547.3 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 97 | 8934821 | 500.0 | 536.0 | e |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 66 | 641544 | 500.0 | 587.7 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.726 | 10.719 | 0.007 | 96 | 3380548 | 500.0 | 561.4 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.140 | 11.134 | 0.006 | 93 | 3086672 | 500.0 | 535.7 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 89 | 1631896 | 500.0 | 612.5 | |
| 130 Naphthalene | 128 | 11.299 | 11.298 | 0.001 | 98 | 7833247 | 500.0 | 447.9 | e |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 94 | 2960887 | 500.0 | 523.1 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 1033.1 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 1000.0 | 1117.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 1171.5 | |
| S 135 Total BTEX | 1 | | | | 0 | | 2500.0 | 2802.2 | |

## QC Flag Legend

Processing Flags
- e - Potential Peak Saturated

Review Flags
- M - Manually Integrated
- a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS Hi_00487 | Amount Added: | 5.00 | Units: uL | |
| MIX I Hi_00184 | Amount Added: | 5.00 | Units: uL | |
| MIX 2 Hi_00157 | Amount Added: | 5.00 | Units: uL | |
| Ethanol mix_00097 | Amount Added: | 5.00 | Units: uL | |
| 7 Freons Hi_00023 | Amount Added: | 5.00 | Units: uL | |
| ACROLEIN W_00178 | Amount Added: | 6.00 | Units: uL | |
| alpha-Pinene_00005 | Amount Added: | 5.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 17-Jan-2025 16:12:36 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2 Operator ID:

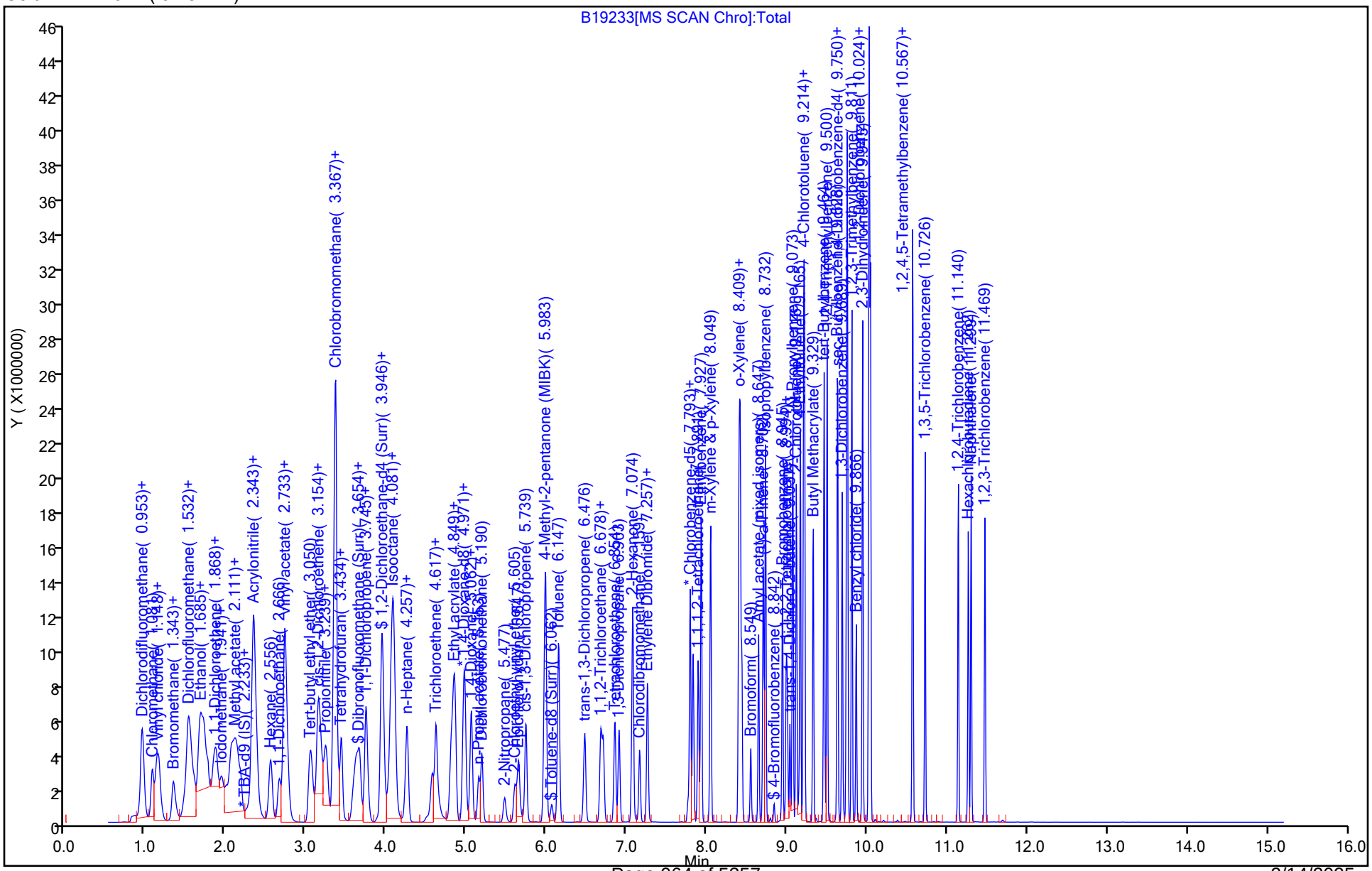
Lims ID: STD500 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

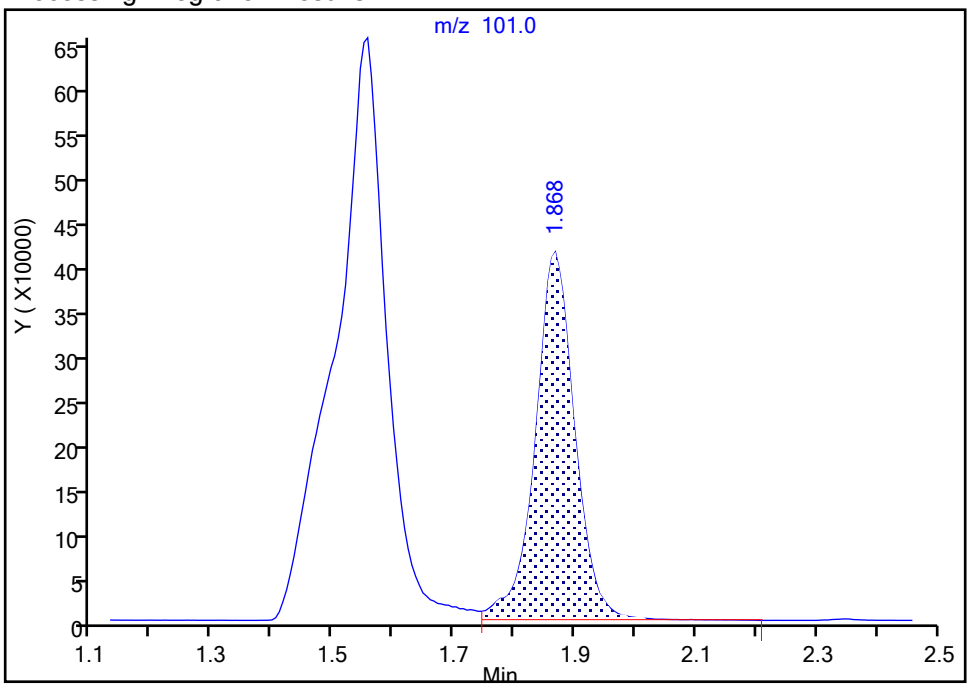
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

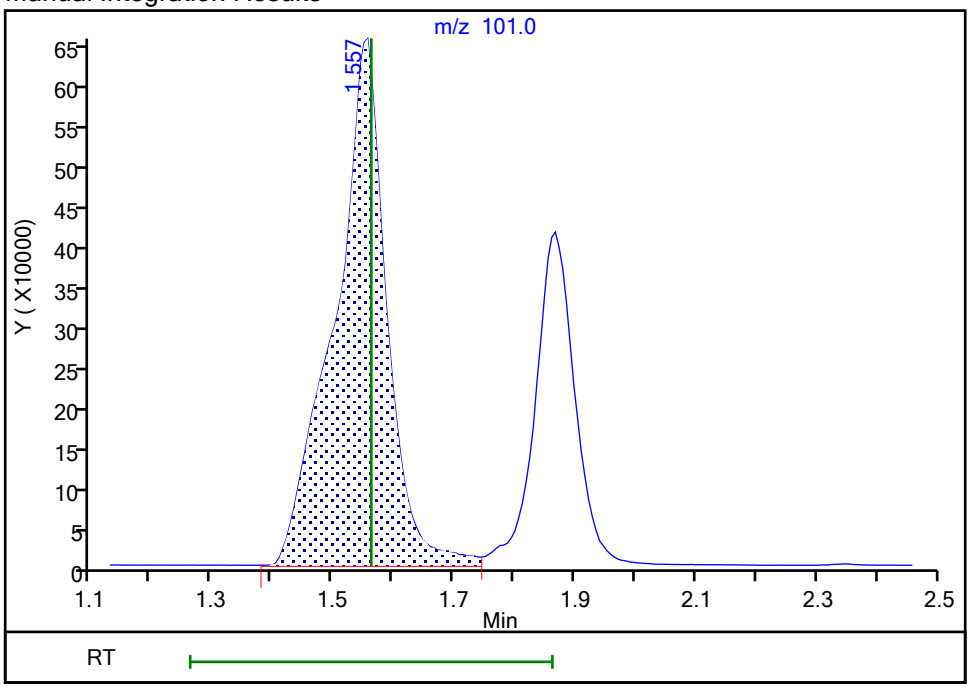
Processing Integration Results

RT: 1.87
Area: 1904603
Amount: 0.304901
Amount Units: ug/l




Manual Integration Results

RT: 1.56
Area: 3918972
Amount: 479.1752
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:15:02 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

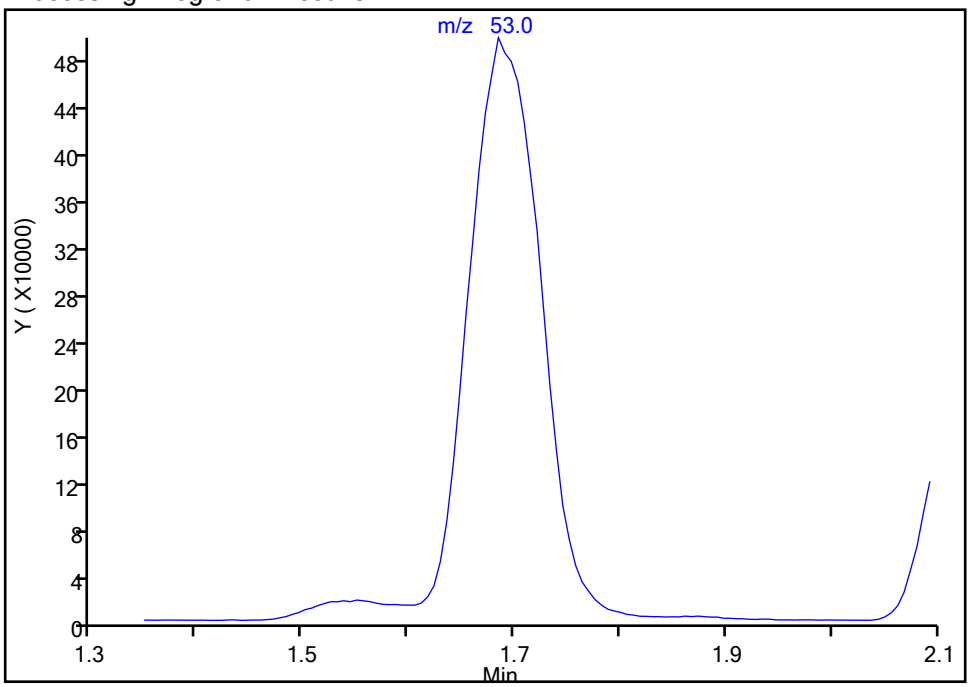
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

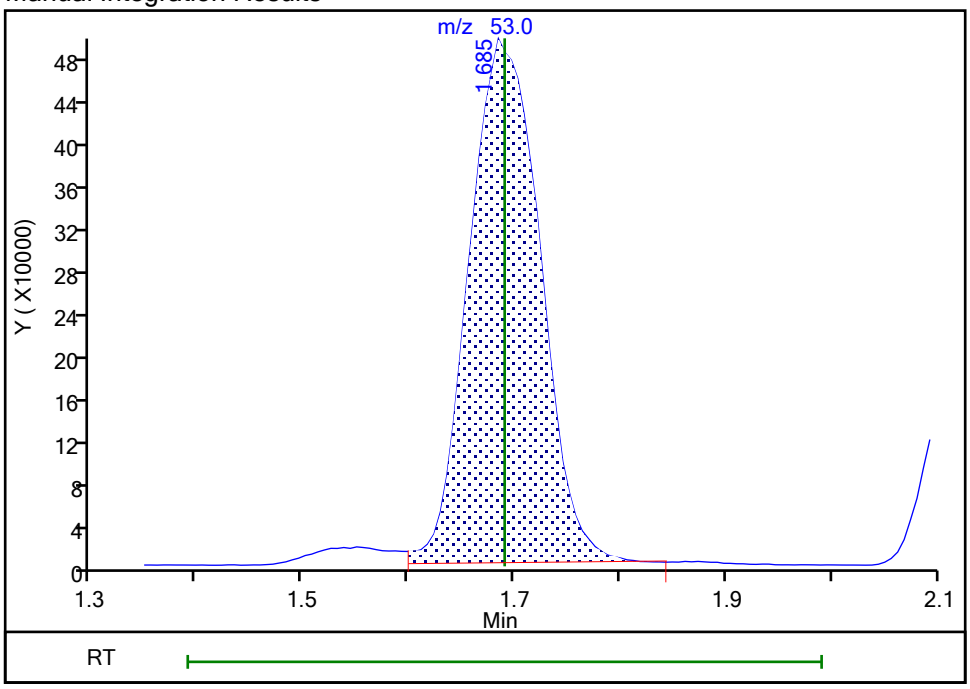
Not Detected
Expected RT: 1.69

Processing Integration Results




RT: 1.68
Area: 2304408
Amount: 414.0542
Amount Units: ug/l

Manual Integration Results




Reviewer: NN6A, 17-Jan-2025 15:14:30 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

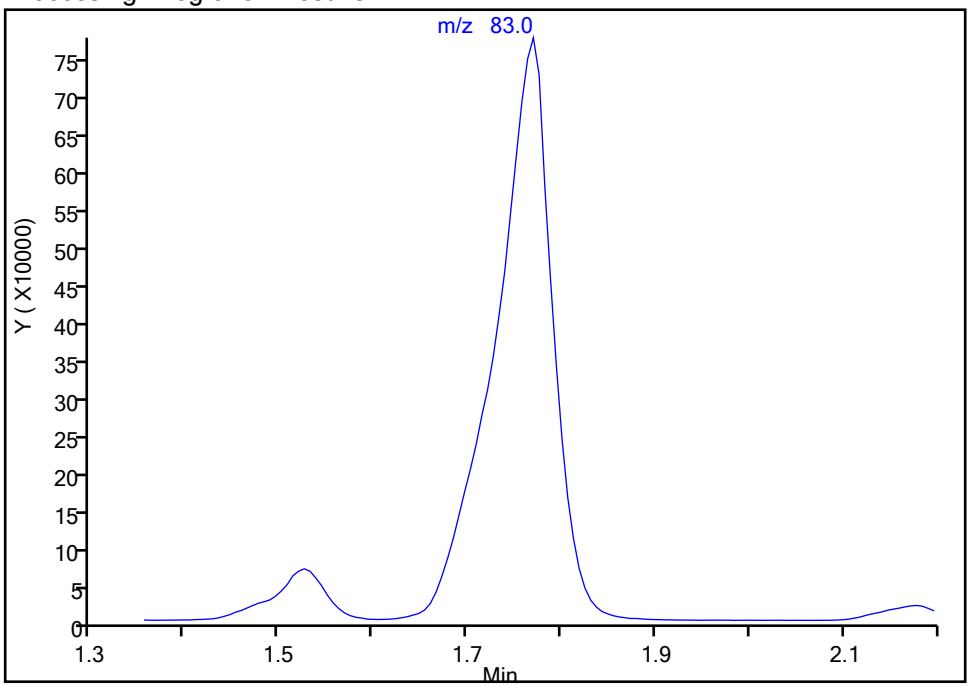
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

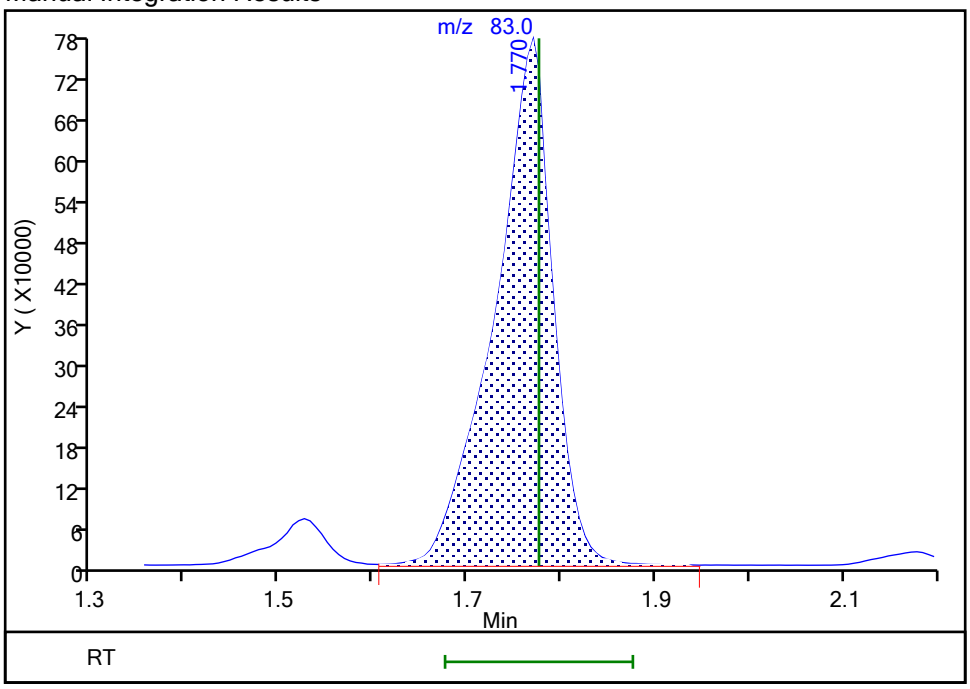
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.77
Area: 3318993
Amount: 490.5613
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:14:35 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

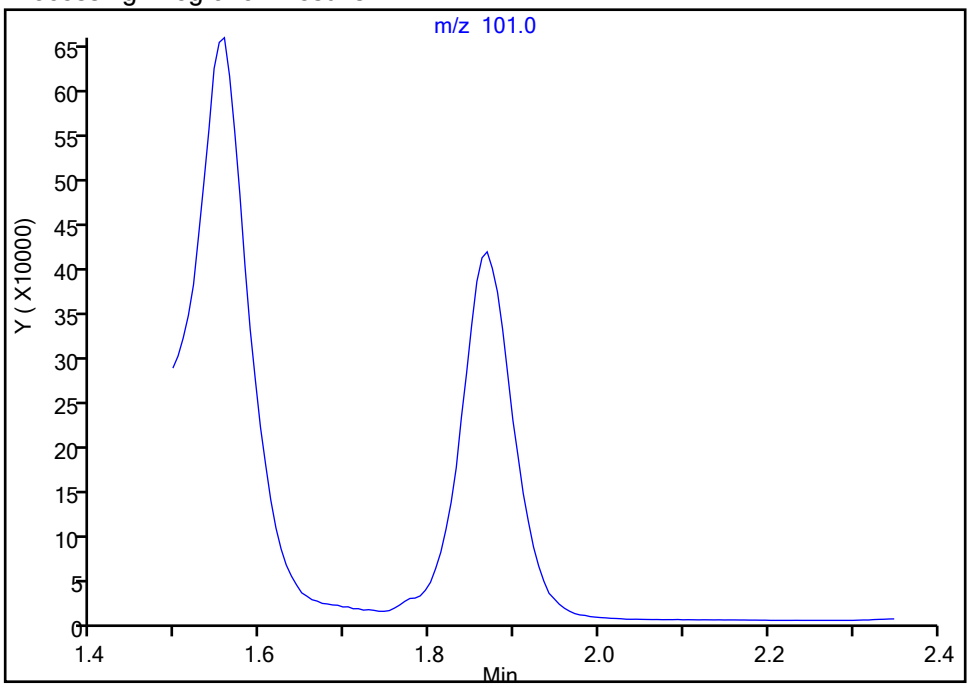
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 18 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

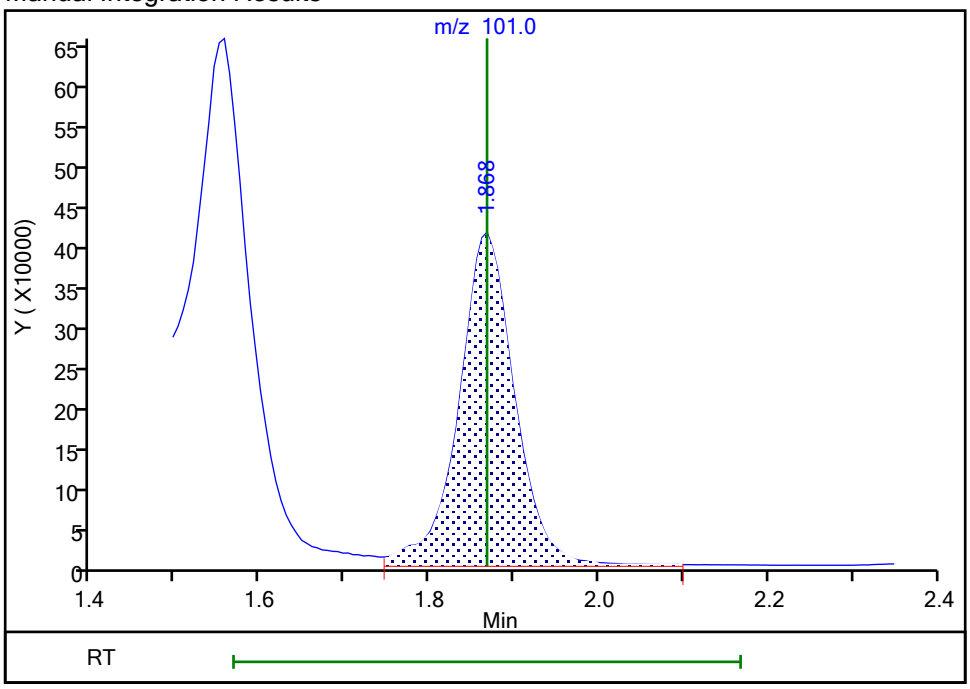
Not Detected
Expected RT: 1.87

Processing Integration Results




Manual Integration Results

RT: 1.87
Area: 1901041
Amount: 520.2653
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:14:40 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

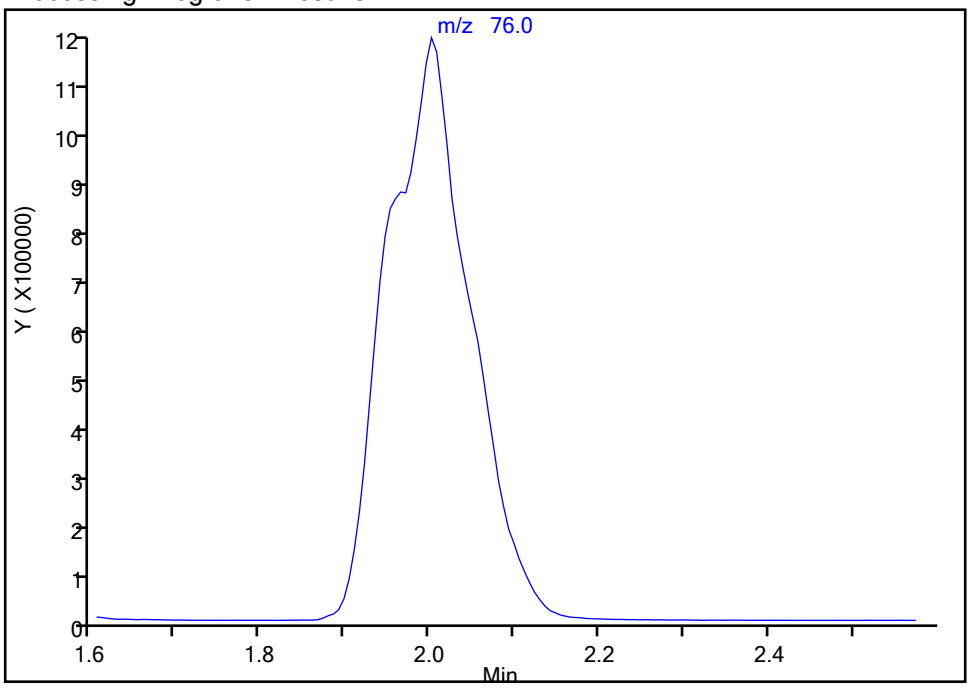
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

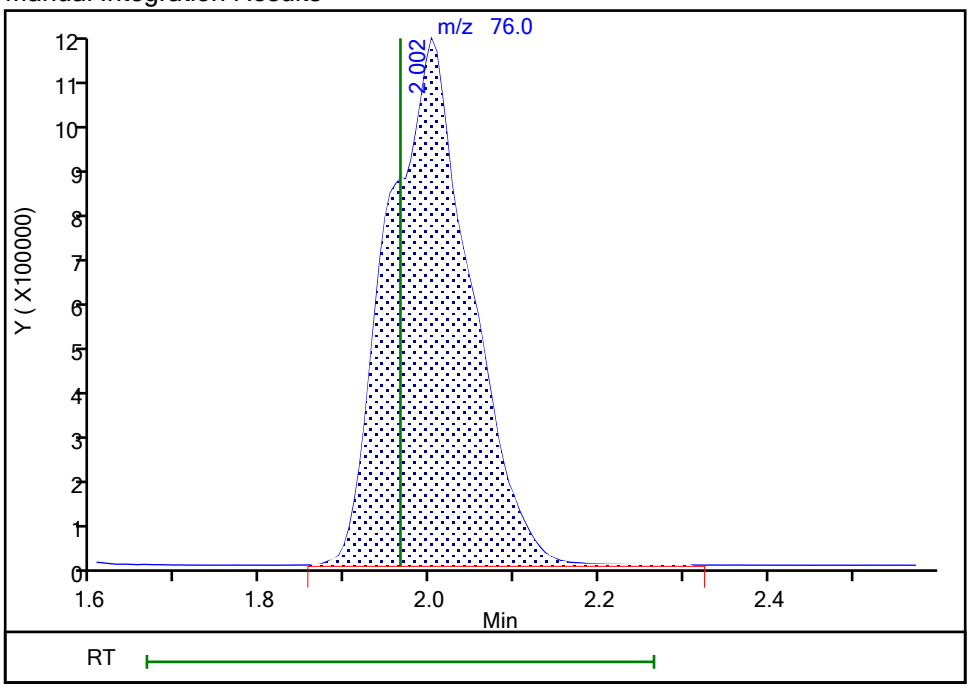
Not Detected
Expected RT: 1.96

Processing Integration Results




Manual Integration Results

RT: 2.00
Area: 7600152
Amount: 510.1639
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:15:51 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

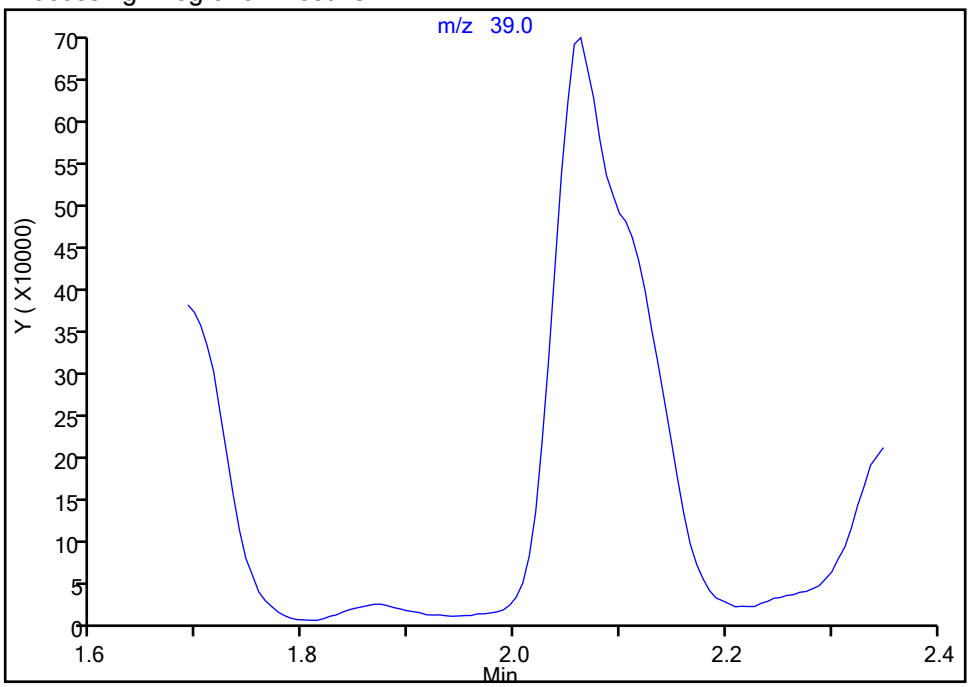
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 24 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

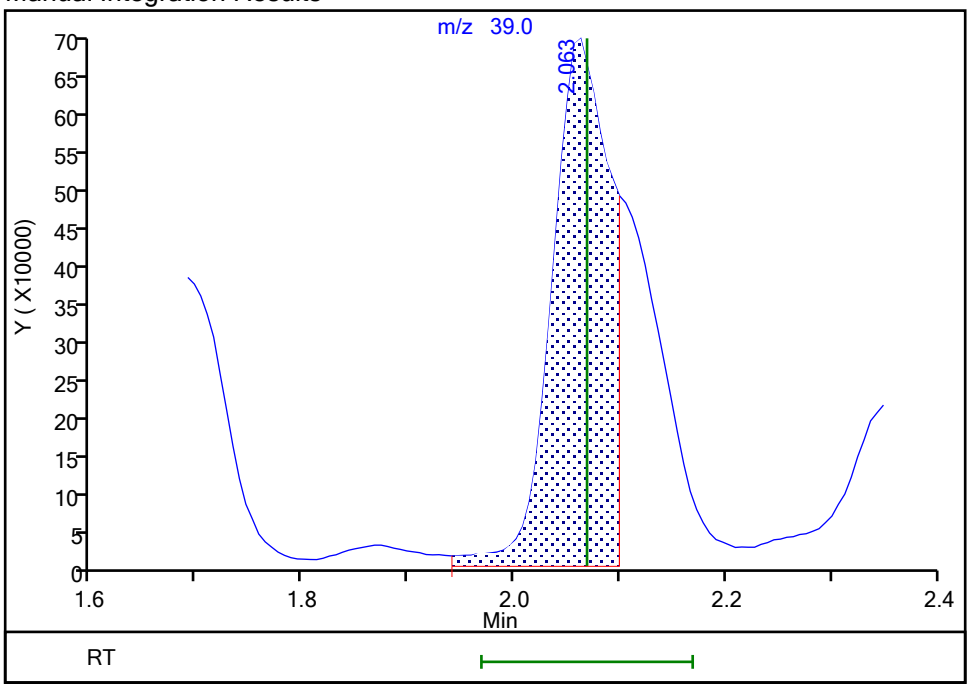
Not Detected
Expected RT: 2.07

Processing Integration Results




Manual Integration Results

RT: 2.06
Area: 2680355
Amount: 503.1619
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:00 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

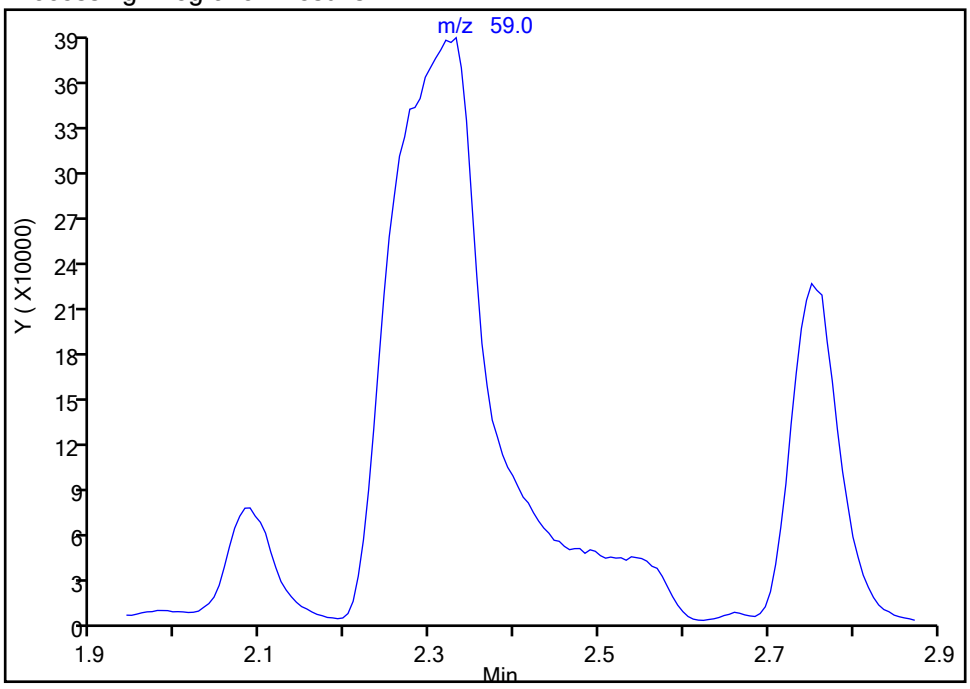
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 26 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

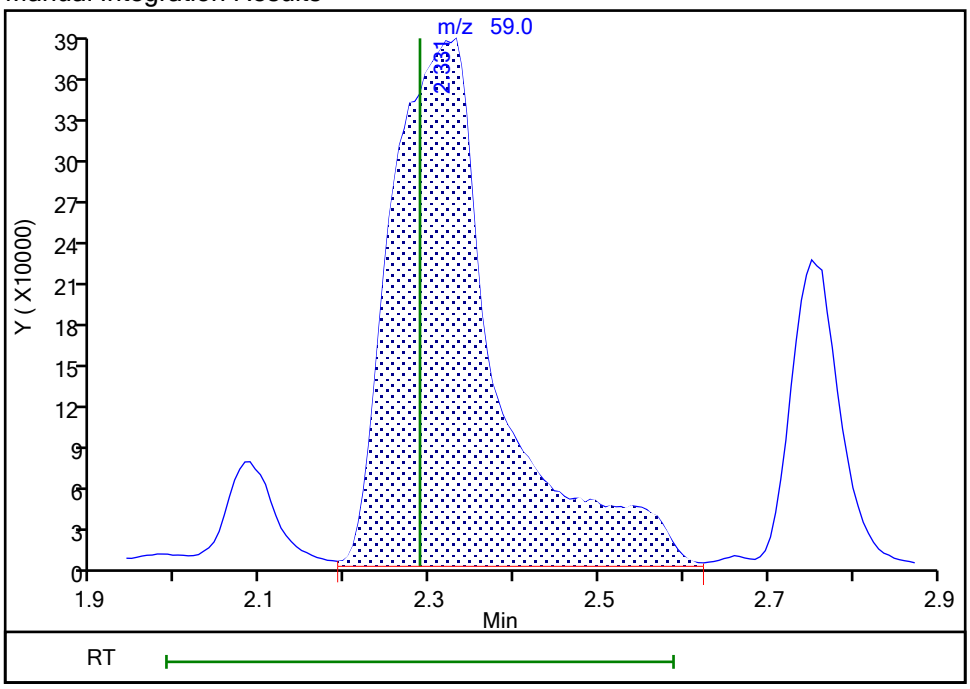
Not Detected
Expected RT: 2.29

Processing Integration Results




Manual Integration Results

RT: 2.33
Area: 3371620
Amount: 5297.0956
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

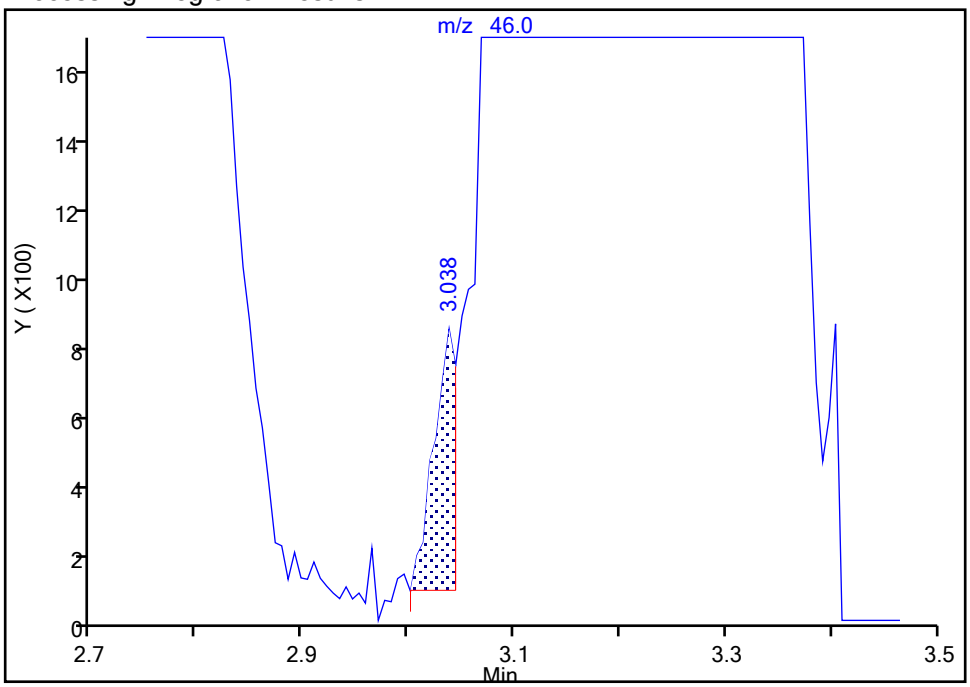
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

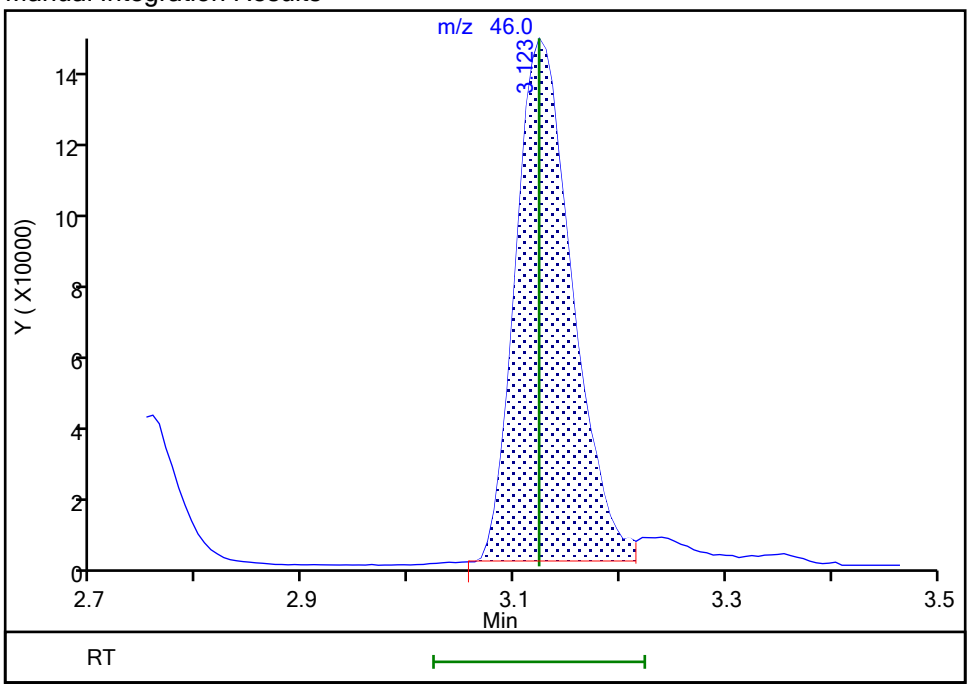
Processing Integration Results

RT: 3.04
Area: 1132
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.12
Area: 548470
Amount: 250.0000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:14:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

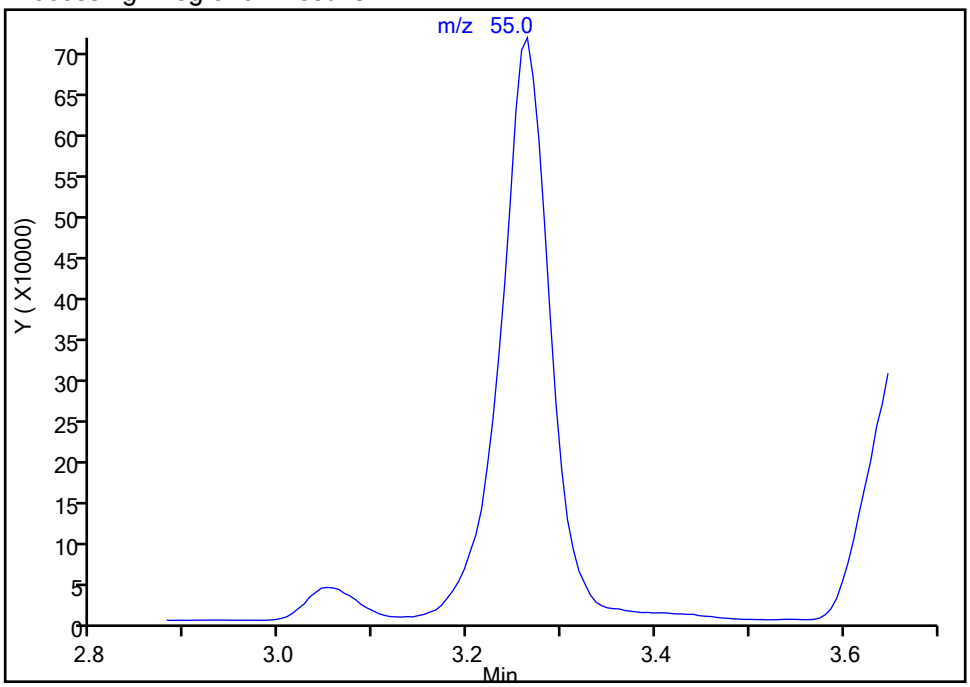
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 44 Methyl acrylate, CAS: 96-33-3

Signal: 1

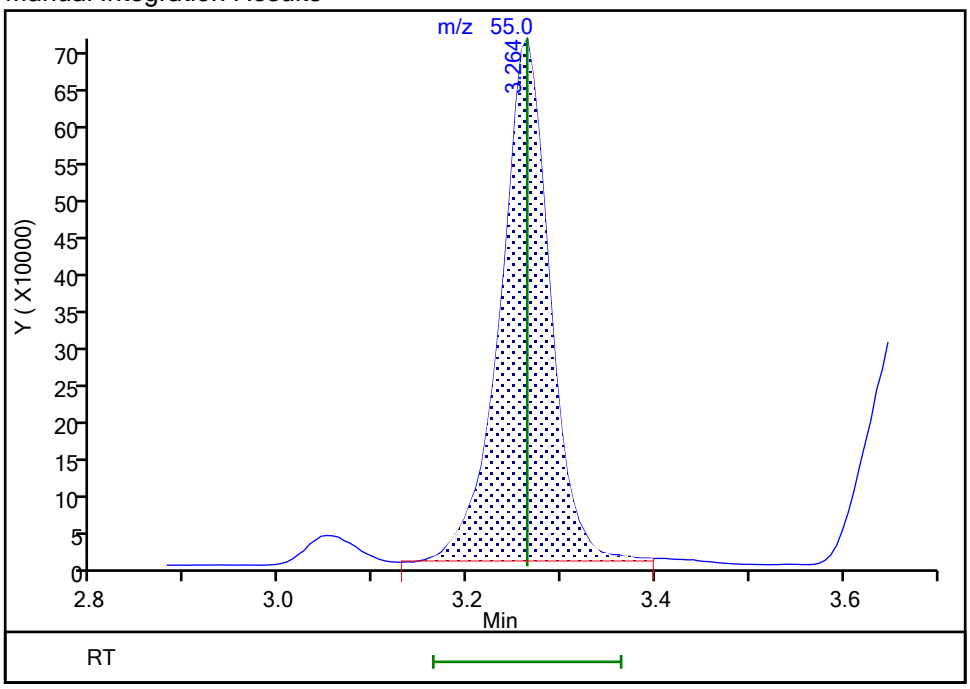
Not Detected
Expected RT: 3.26

Processing Integration Results




Manual Integration Results

RT: 3.26
Area: 2609264
Amount: 500.9387
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:17 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

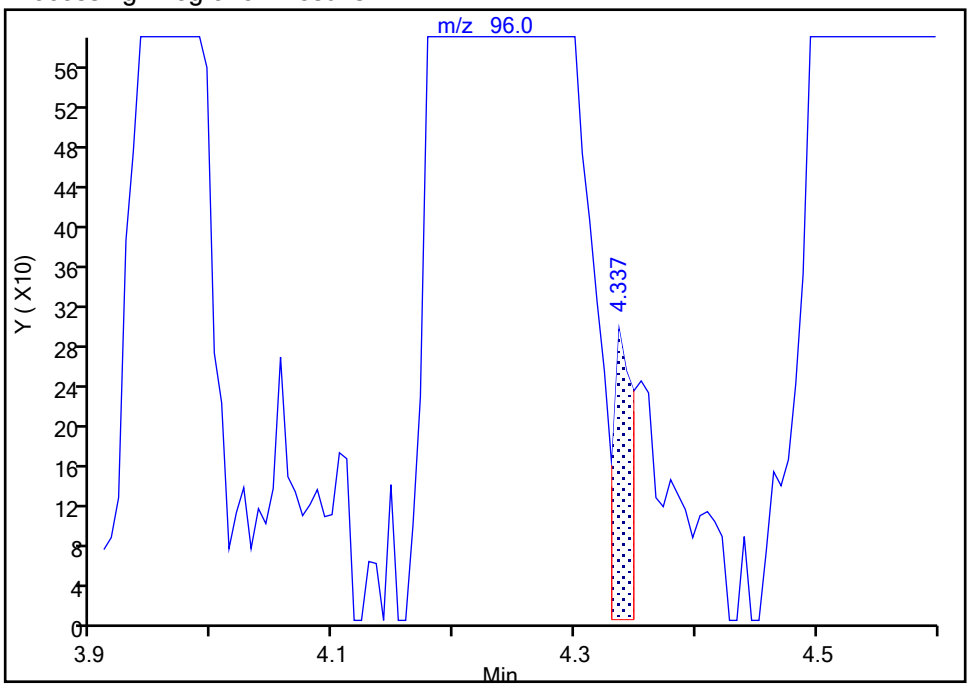
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 61 Fluorobenzene, CAS: 462-06-6

Signal: 1

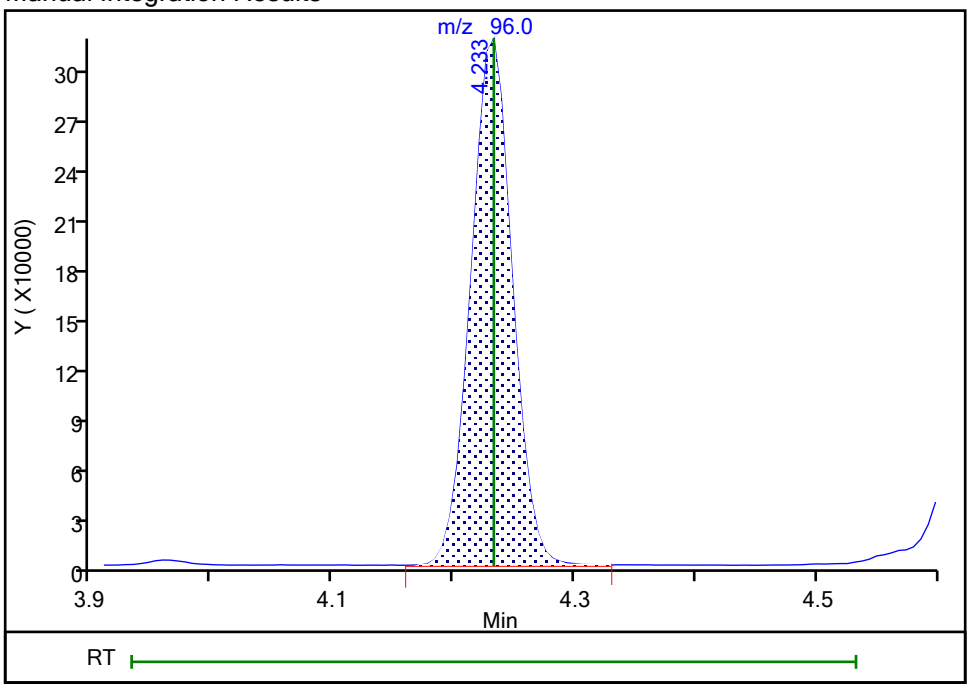
Processing Integration Results

RT: 4.34
Area: 339
Amount: 50.000000
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 749774
Amount: 50.000000
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:14:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

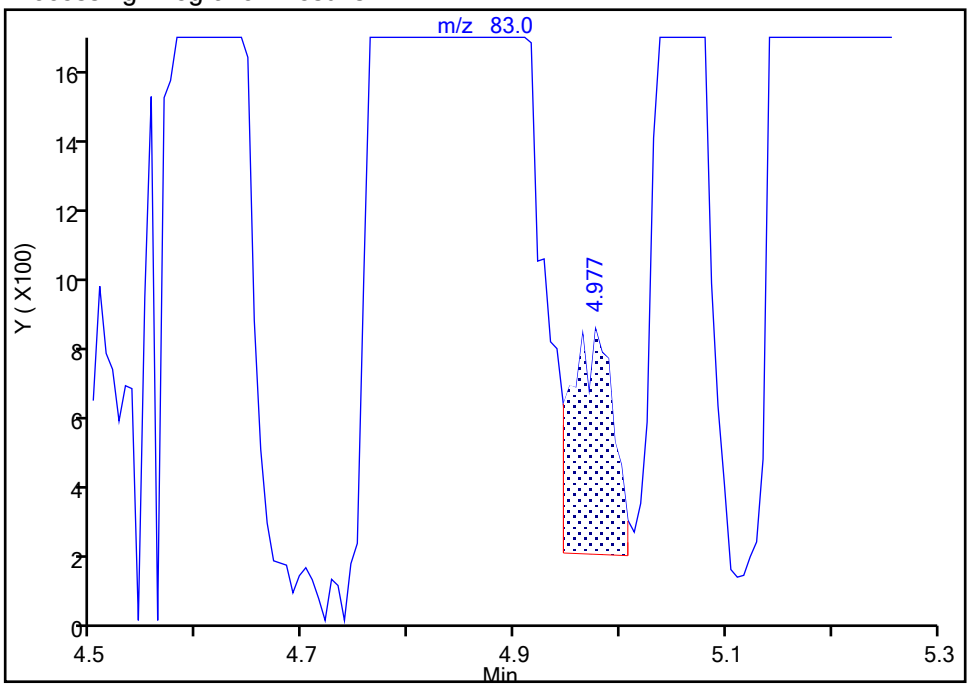
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 66 Methylcyclohexane, CAS: 108-87-2

Signal: 1

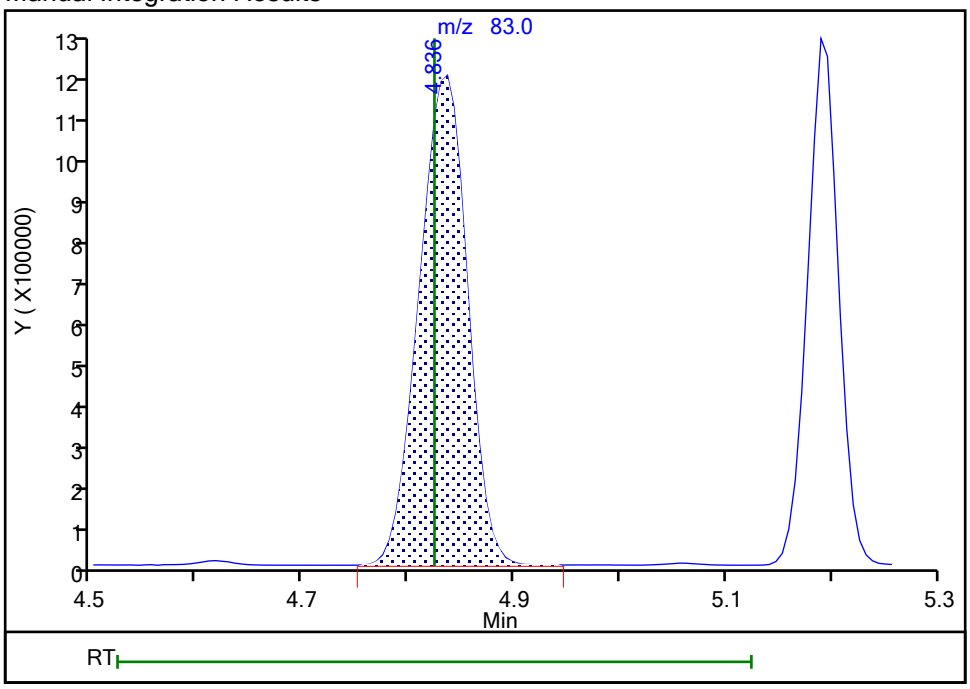
Processing Integration Results

RT: 4.98
Area: 1729
Amount: 0.000167
Amount Units: ug/l




Manual Integration Results

RT: 4.84
Area: 3842285
Amount: 548.9699
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

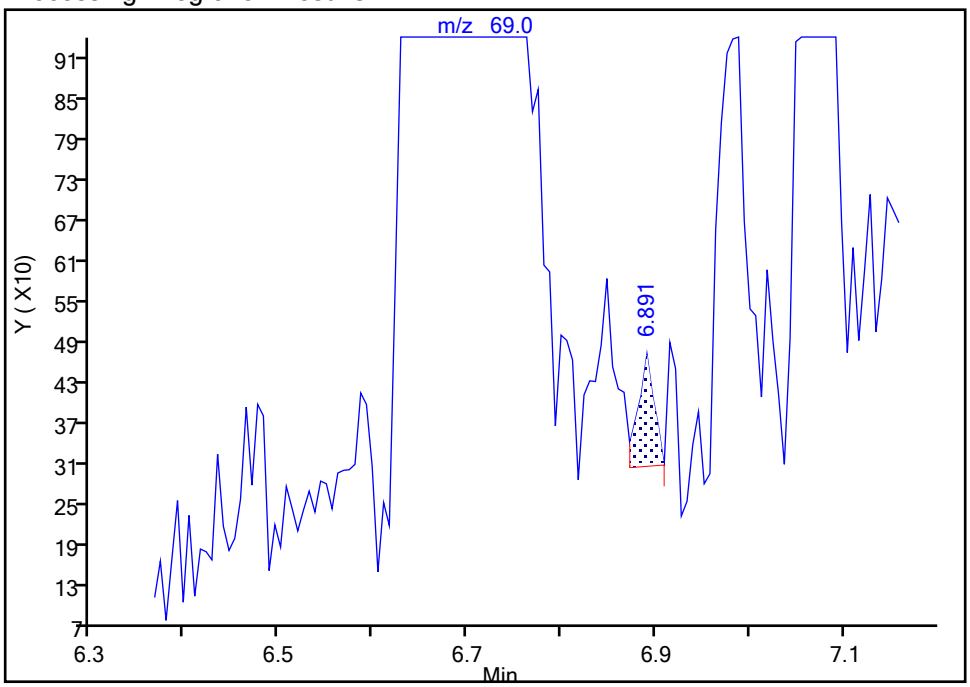
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

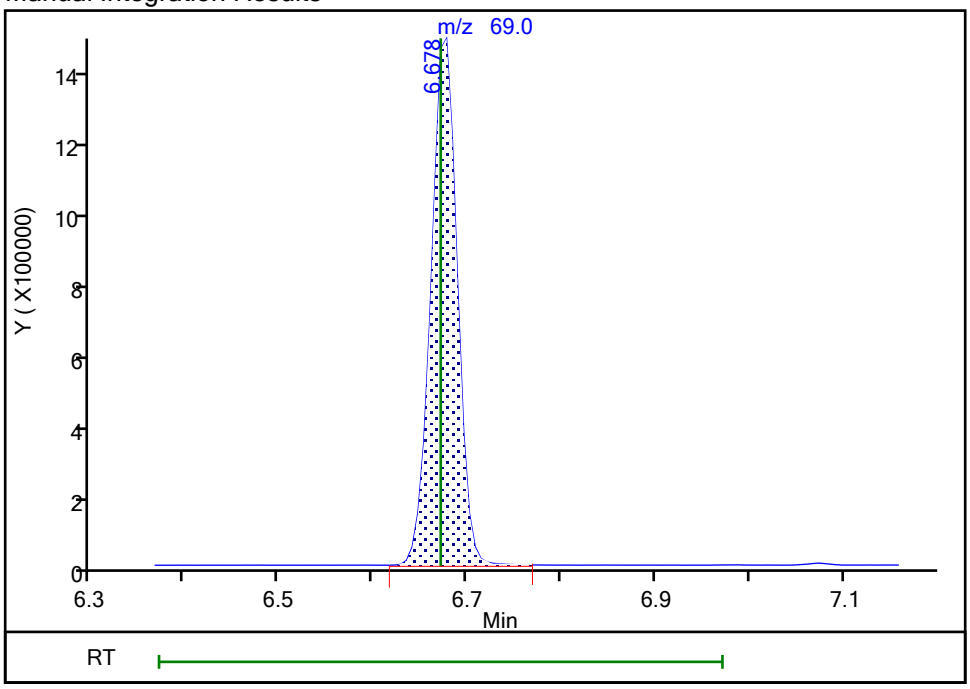
Processing Integration Results

RT: 6.89
Area: 200
Amount: 0.040016
Amount Units: ug/l




Manual Integration Results

RT: 6.68
Area: 2847589
Amount: 522.3685
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

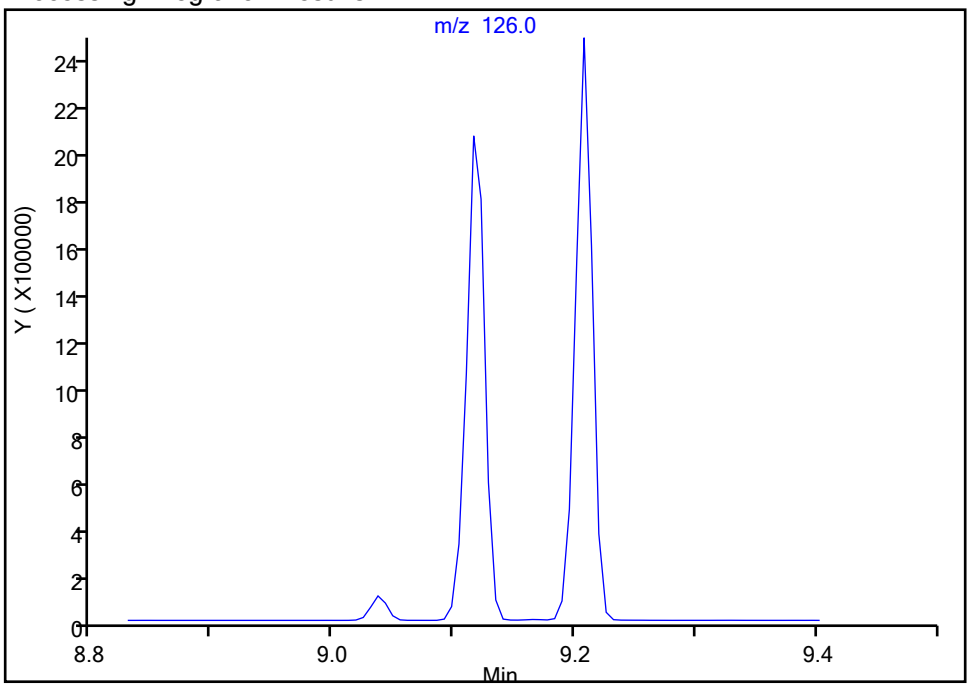
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D
Injection Date: 17-Jan-2025 08:51:30 Instrument ID: CVOAMS2
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 107 2-Chlorotoluene, CAS: 95-49-8

Signal: 1

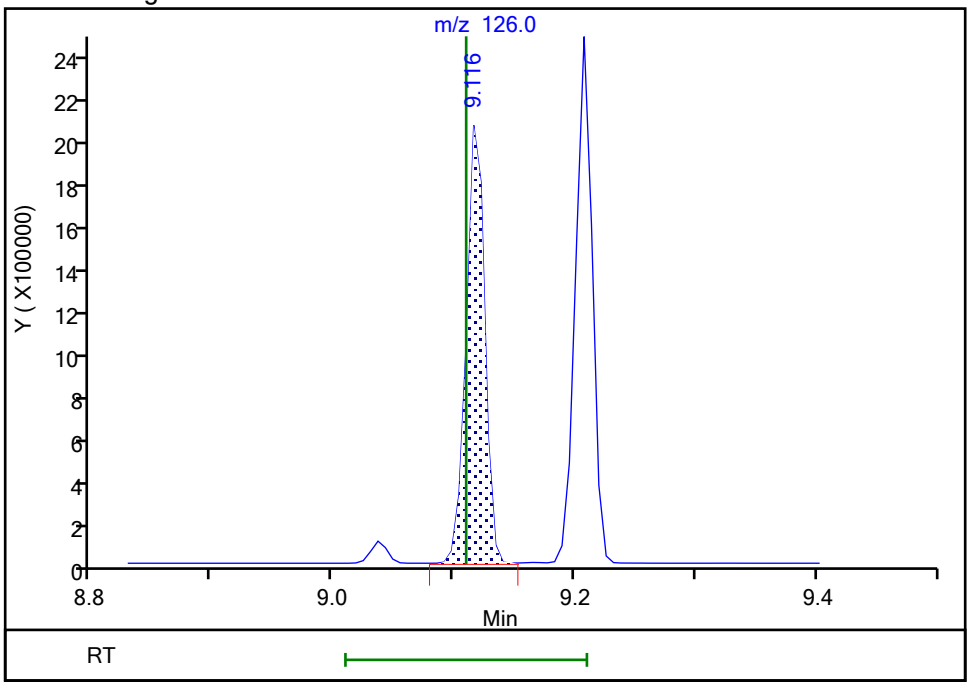
Not Detected
Expected RT: 9.11

Processing Integration Results




Manual Integration Results

RT: 9.12
Area: 2125189
Amount: 526.9067
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 15:16:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

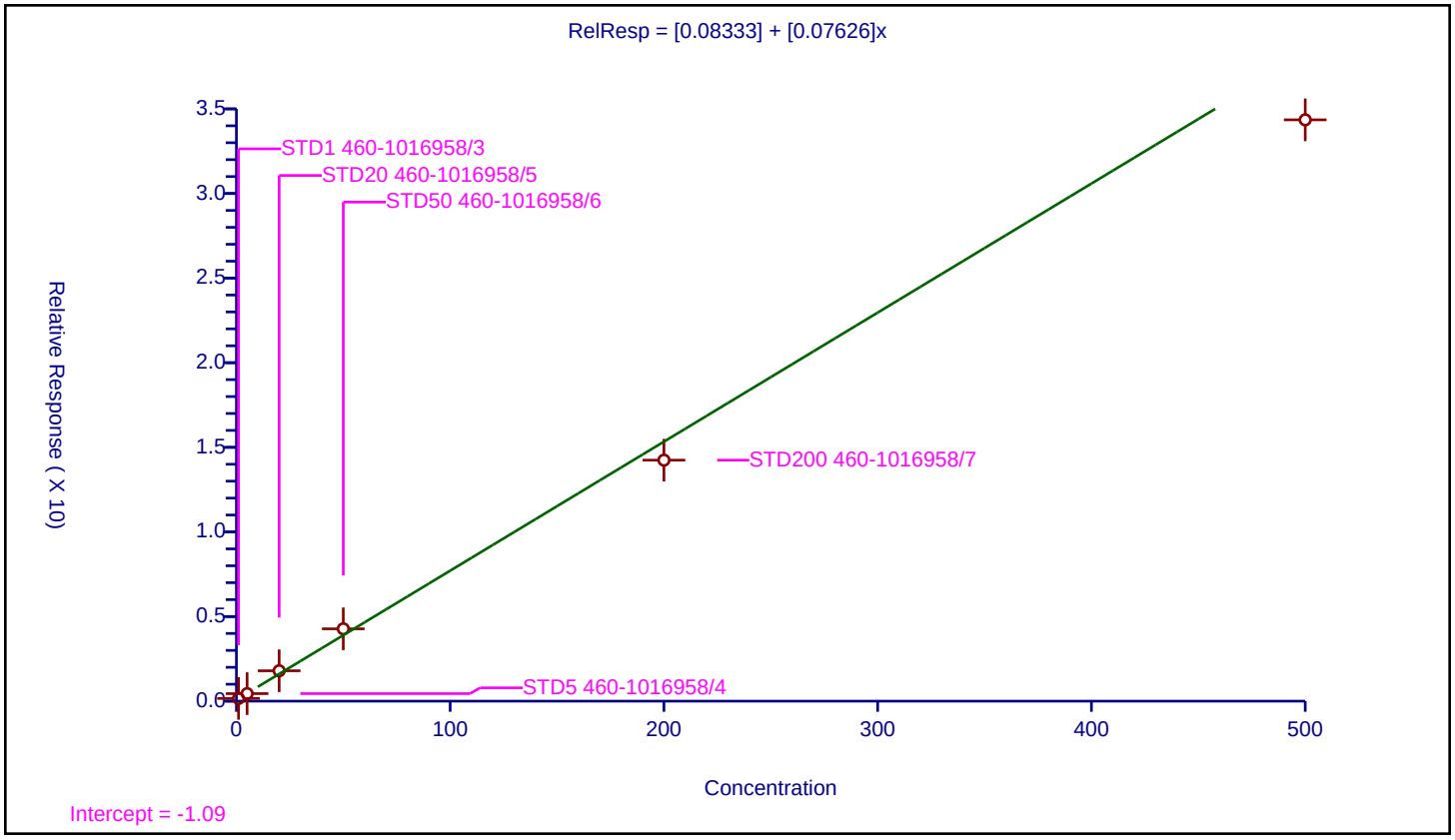
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.08333 |
| **Slope:** | 0.07626 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.159792 | 50.0 | 580754.0 | 0.159792 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.445107 | 50.0 | 577165.0 | 0.089021 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 1.794701 | 50.0 | 597119.0 | 0.089735 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 4.274869 | 50.0 | 593527.0 | 0.085497 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 14.242285 | 50.0 | 694232.0 | 0.071211 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 34.353619 | 50.0 | 749774.0 | 0.068707 | Y |



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## Calibration / Dichlorodifluoromethane

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

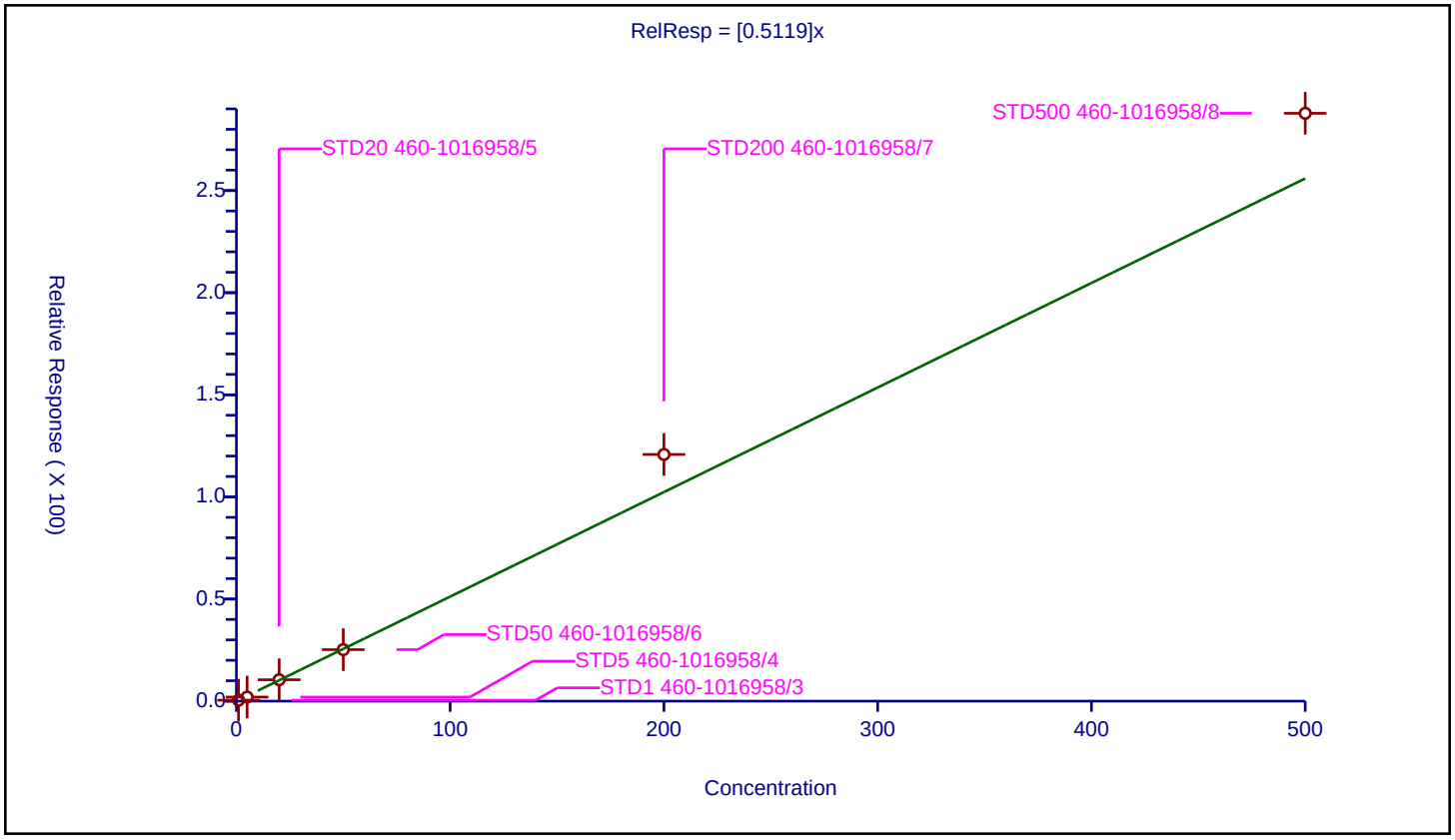
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5119 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.465429 | 50.0 | 580754.0 | 0.465429 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.991458 | 50.0 | 577165.0 | 0.398292 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 10.467344 | 50.0 | 597119.0 | 0.523367 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 25.221515 | 50.0 | 593527.0 | 0.50443 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 120.788584 | 50.0 | 694232.0 | 0.603943 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 287.840136 | 50.0 | 749774.0 | 0.57568 | Y |



## Calibration / Chloromethane

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

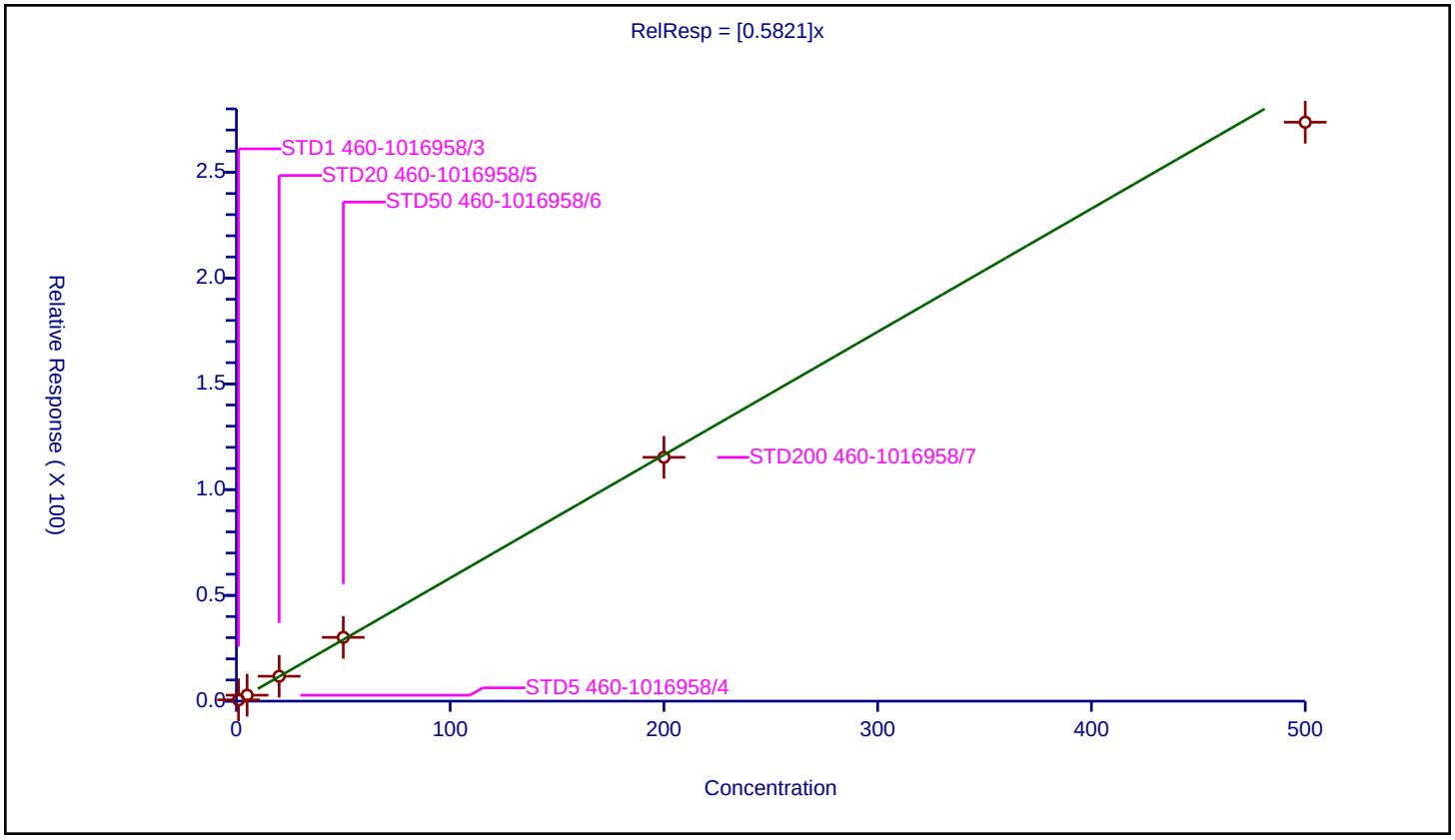
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5821 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.612652 | 50.0 | 580754.0 | 0.612652 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.817912 | 50.0 | 577165.0 | 0.563582 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 11.784334 | 50.0 | 597119.0 | 0.589217 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 30.155241 | 50.0 | 593527.0 | 0.603105 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 115.278034 | 50.0 | 694232.0 | 0.57639 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 273.688405 | 50.0 | 749774.0 | 0.547377 | Y |



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## Calibration / Vinyl chloride

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

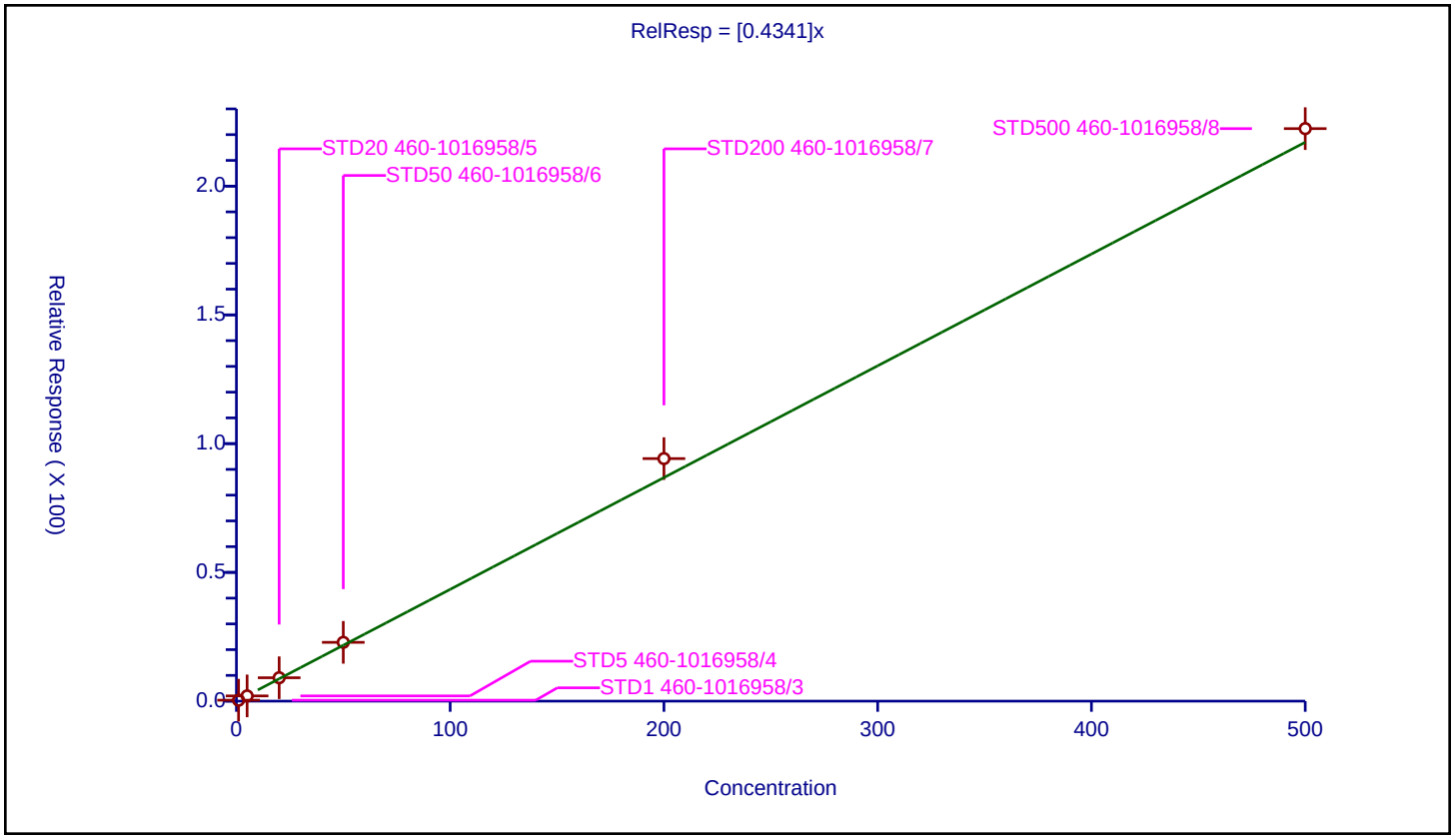
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.371242 | 50.0 | 580754.0 | 0.371242 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.033387 | 50.0 | 577165.0 | 0.406677 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 9.087301 | 50.0 | 597119.0 | 0.454365 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 22.830385 | 50.0 | 593527.0 | 0.456608 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 94.187174 | 50.0 | 694232.0 | 0.470936 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 222.337664 | 50.0 | 749774.0 | 0.444675 | Y |



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## Calibration / Butadiene

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

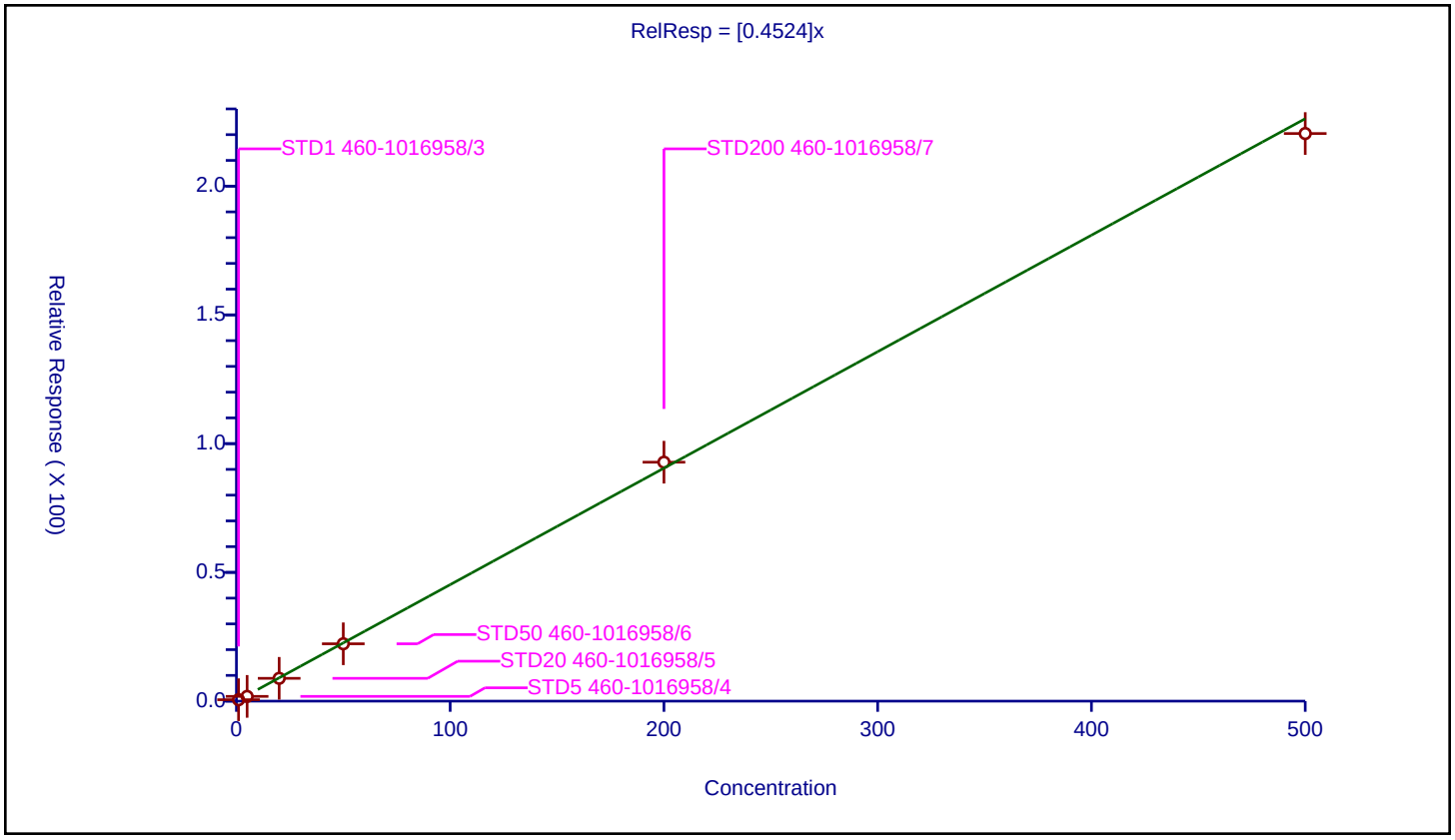
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4524 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.552041 | 50.0 | 580754.0 | 0.552041 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.84384 | 50.0 | 577165.0 | 0.368768 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.862974 | 50.0 | 597119.0 | 0.443149 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 22.272281 | 50.0 | 593527.0 | 0.445446 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 92.798157 | 50.0 | 694232.0 | 0.463991 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 220.43149 | 50.0 | 749774.0 | 0.440863 | Y |



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## Calibration / Bromomethane

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

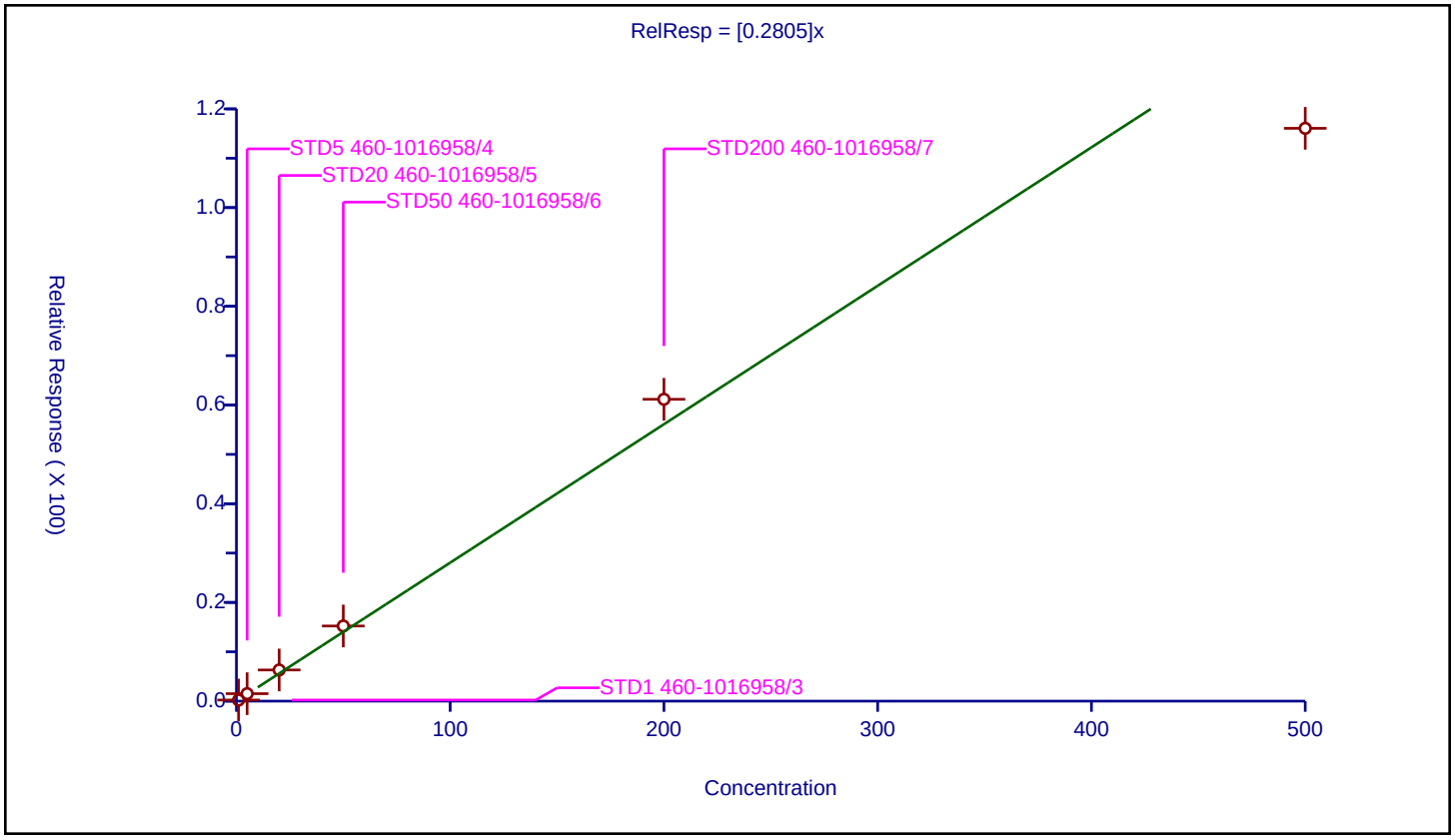
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2805 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.222039 | 50.0 | 580754.0 | 0.222039 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.514212 | 50.0 | 577165.0 | 0.302842 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.315575 | 50.0 | 597119.0 | 0.315779 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 15.226013 | 50.0 | 593527.0 | 0.30452 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 61.15895 | 50.0 | 694232.0 | 0.305795 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 116.067708 | 50.0 | 749774.0 | 0.232135 | Y |



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## Calibration / Chloroethane

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

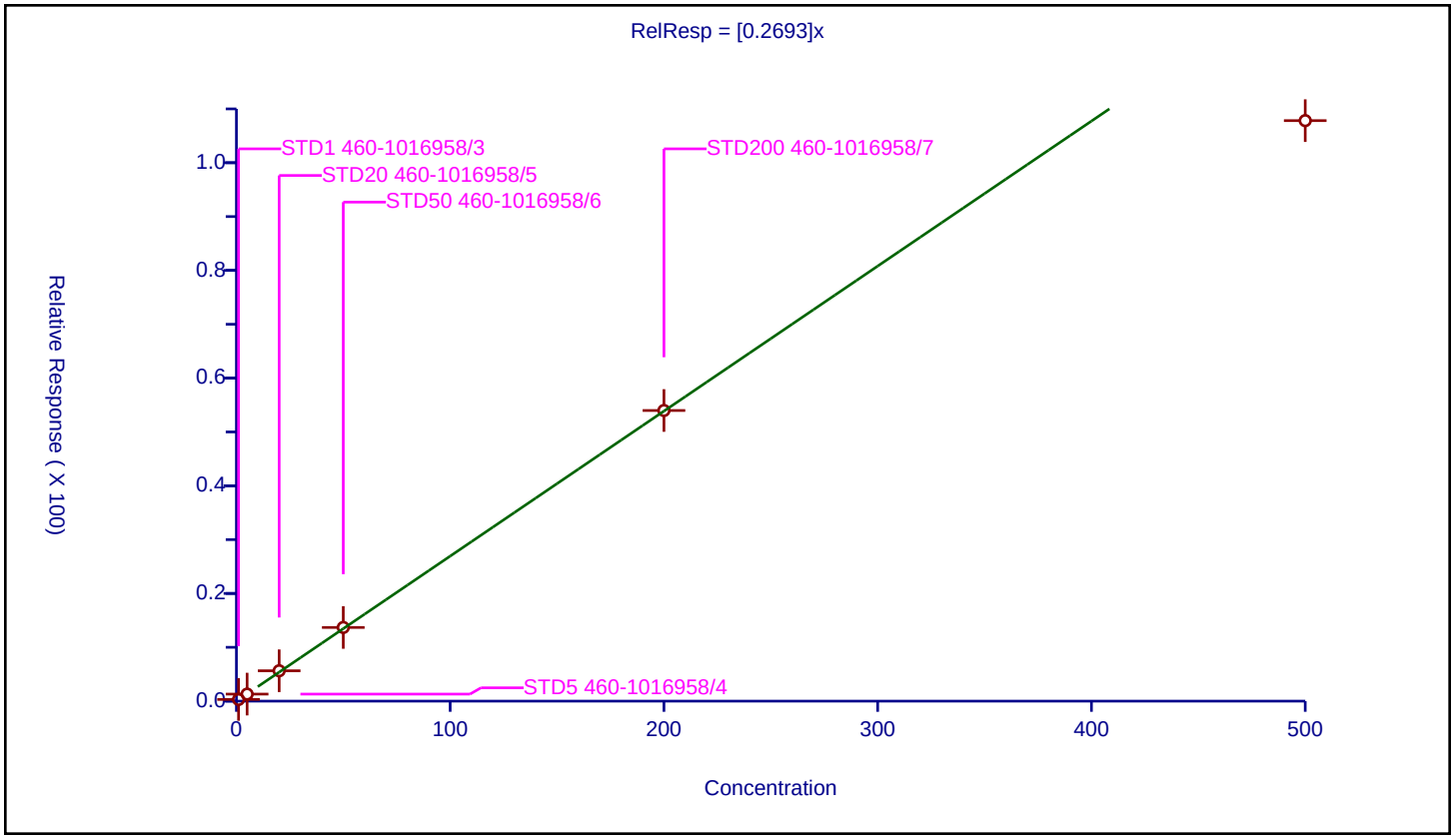
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2693 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.313214 | 50.0 | 580754.0 | 0.313214 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.306905 | 50.0 | 577165.0 | 0.261381 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.643934 | 50.0 | 597119.0 | 0.282197 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 13.685898 | 50.0 | 593527.0 | 0.273718 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 53.981666 | 50.0 | 694232.0 | 0.269908 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 107.816956 | 50.0 | 749774.0 | 0.215634 | Y |



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## Calibration / Dichlorofluoromethane

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

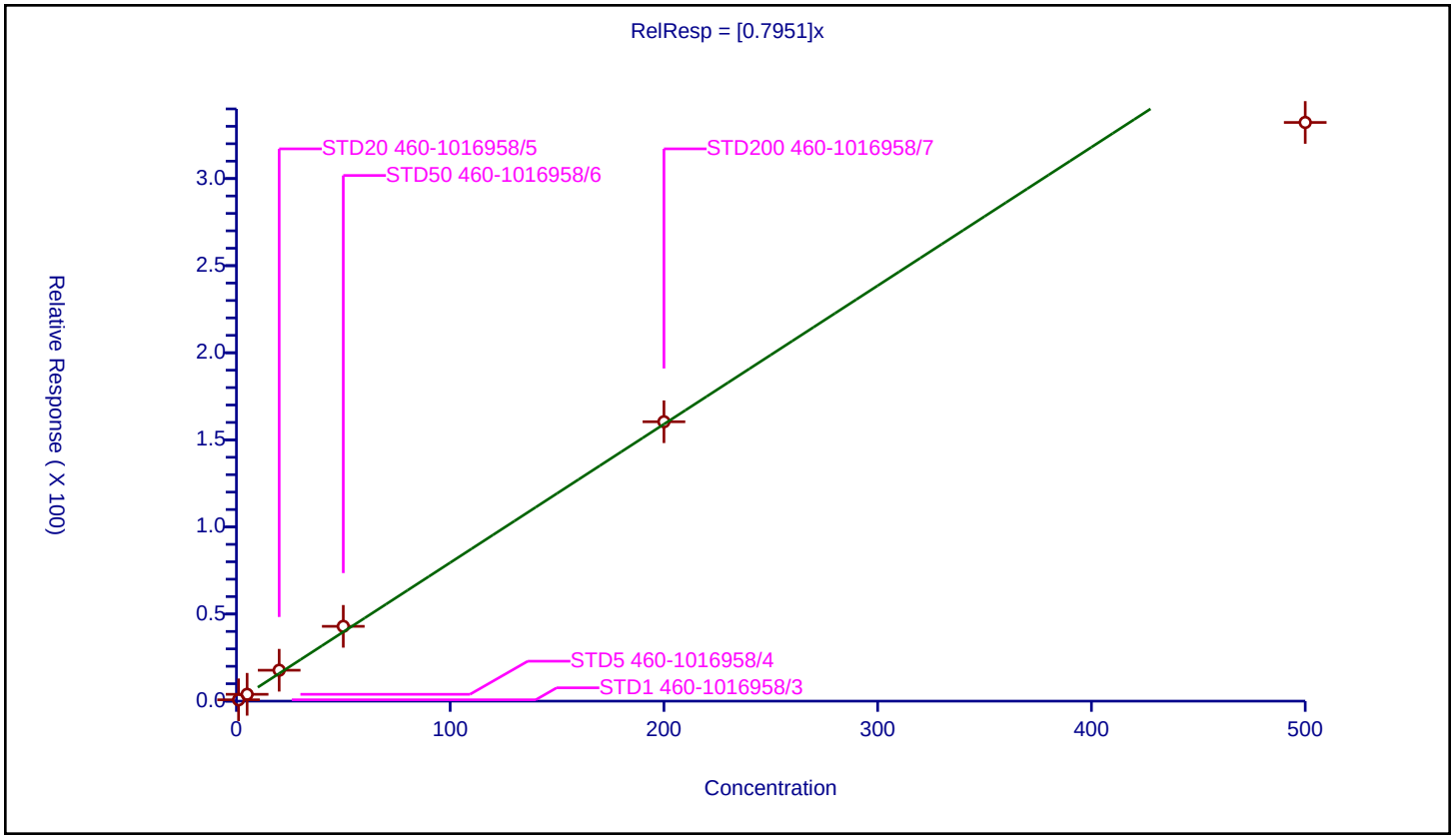
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7951 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.772358 | 50.0 | 580754.0 | 0.772358 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.929552 | 50.0 | 577165.0 | 0.78591 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 17.737503 | 50.0 | 597119.0 | 0.886875 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 42.935452 | 50.0 | 593527.0 | 0.858709 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 160.405959 | 50.0 | 694232.0 | 0.80203 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 332.218242 | 50.0 | 749774.0 | 0.664436 | Y |



## Calibration / Pentane

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

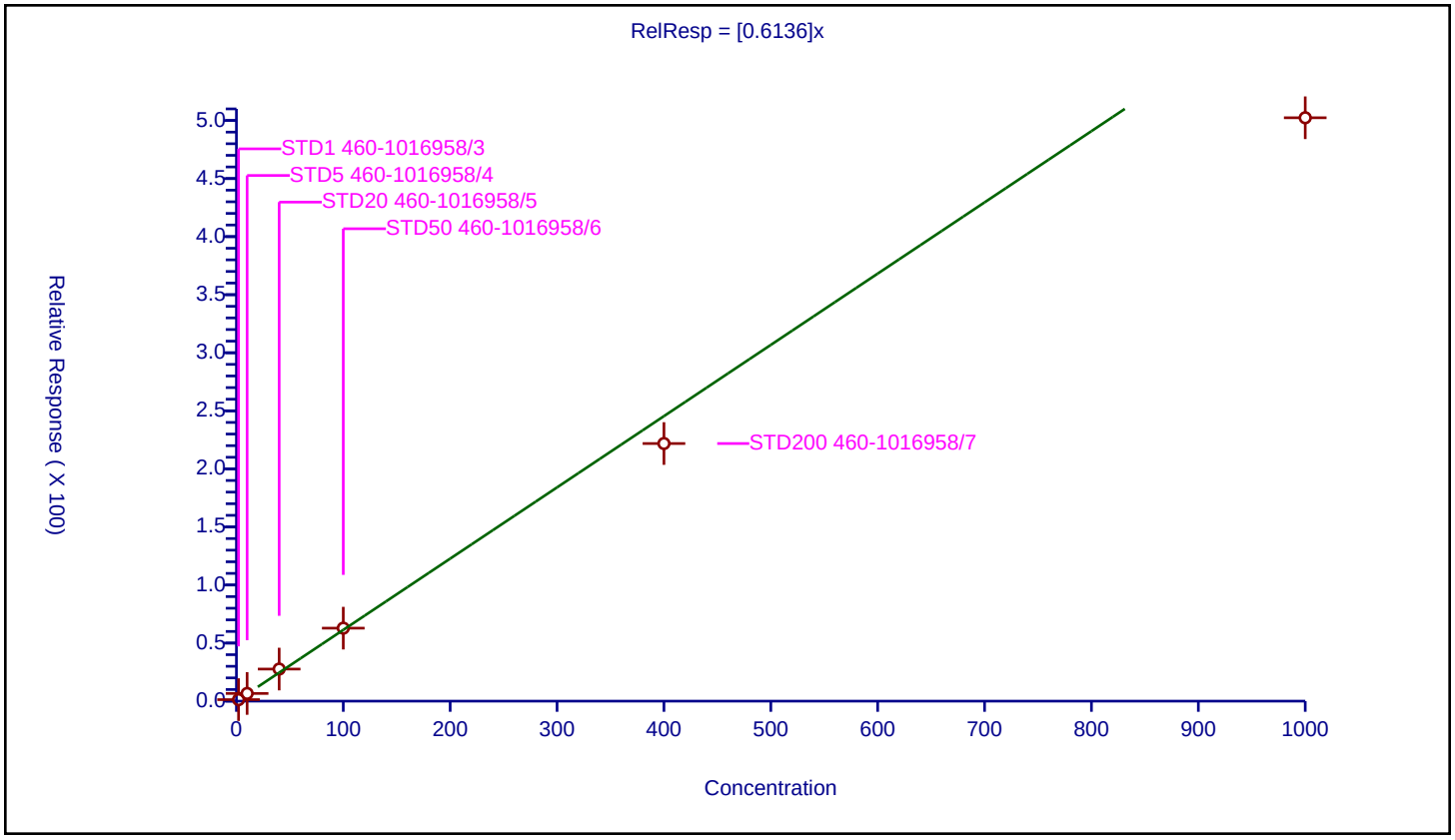
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6136 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 1.284967 | 50.0 | 580754.0 | 0.642484 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 6.624882 | 50.0 | 577165.0 | 0.662488 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 27.633688 | 50.0 | 597119.0 | 0.690842 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 62.857461 | 50.0 | 593527.0 | 0.628575 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 221.847812 | 50.0 | 694232.0 | 0.55462 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 502.353576 | 50.0 | 749774.0 | 0.502354 | Y |



## Calibration / Trichlorofluoromethane

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

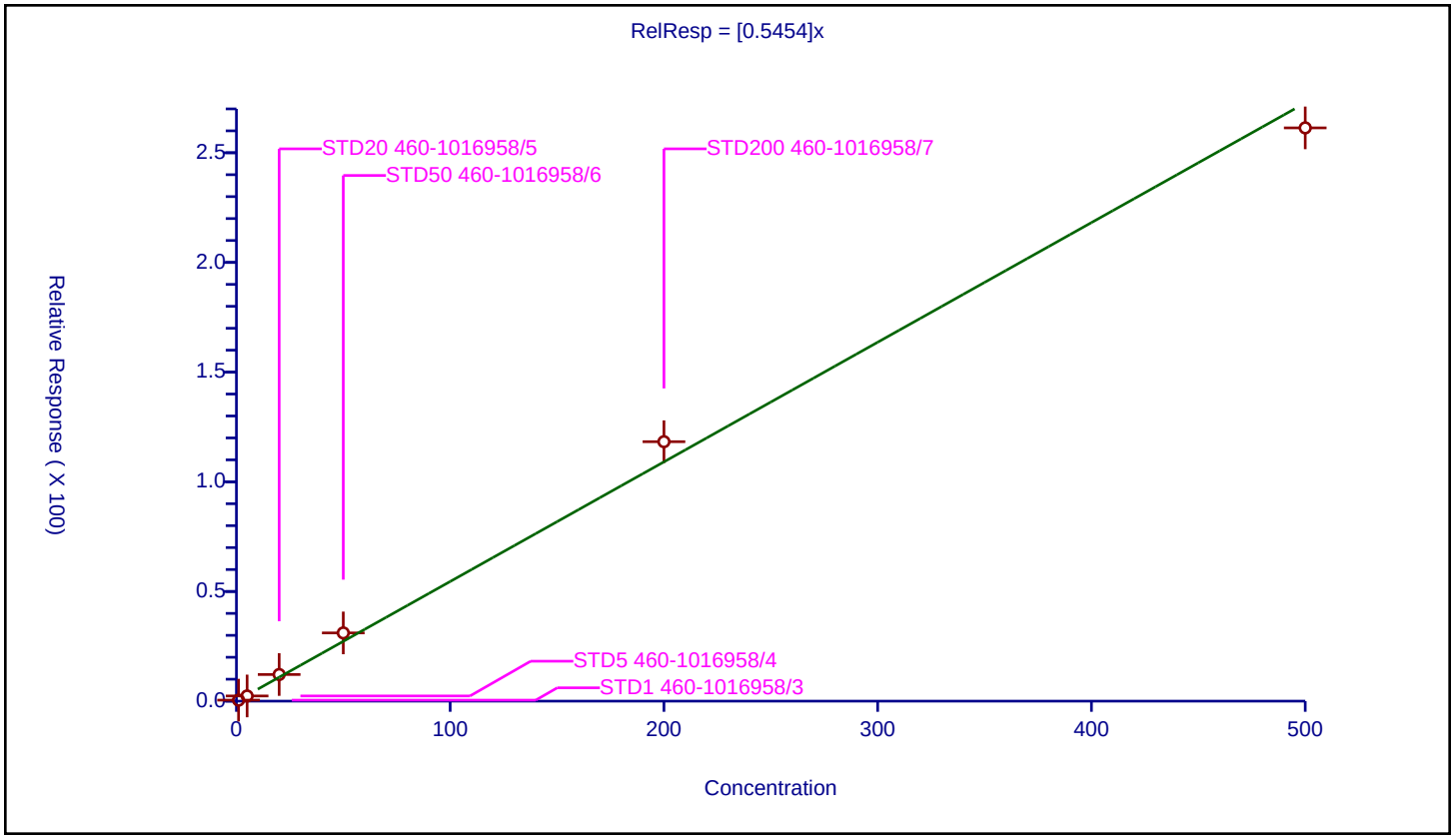
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5454 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.457939 | 50.0 | 580754.0 | 0.457939 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.356432 | 50.0 | 577165.0 | 0.471286 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 12.139373 | 50.0 | 597119.0 | 0.606969 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 31.106251 | 50.0 | 593527.0 | 0.622125 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 118.282289 | 50.0 | 694232.0 | 0.591411 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 261.343552 | 50.0 | 749774.0 | 0.522687 | Y |



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## Calibration / Ethanol

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

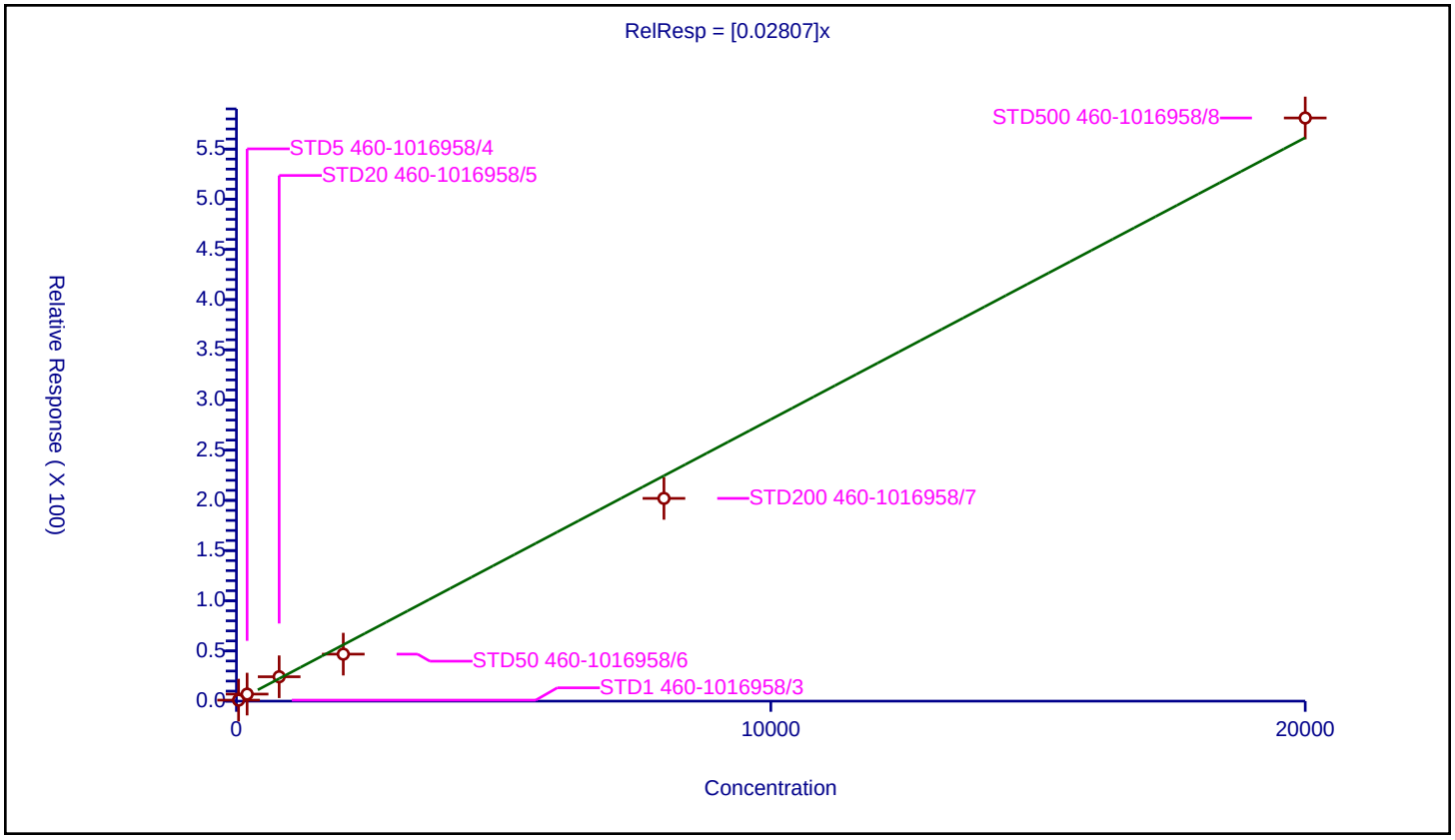
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02807 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 40.0 | 1.00684 | 1000.0 | 481705.0 | 0.025171 | Y |
| 2 | STD5 460-1016958/4 | 200.0 | 7.029819 | 1000.0 | 542546.0 | 0.035149 | Y |
| 3 | STD20 460-1016958/5 | 800.0 | 24.300931 | 1000.0 | 542078.0 | 0.030376 | Y |
| 4 | STD50 460-1016958/6 | 2000.0 | 46.805455 | 1000.0 | 519448.0 | 0.023403 | Y |
| 5 | STD200 460-1016958/7 | 8000.0 | 201.99348 | 1000.0 | 540161.0 | 0.025249 | Y |
| 6 | STD500 460-1016958/8 | 20000.0 | 580.955648 | 1000.0 | 620982.0 | 0.029048 | Y |



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## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

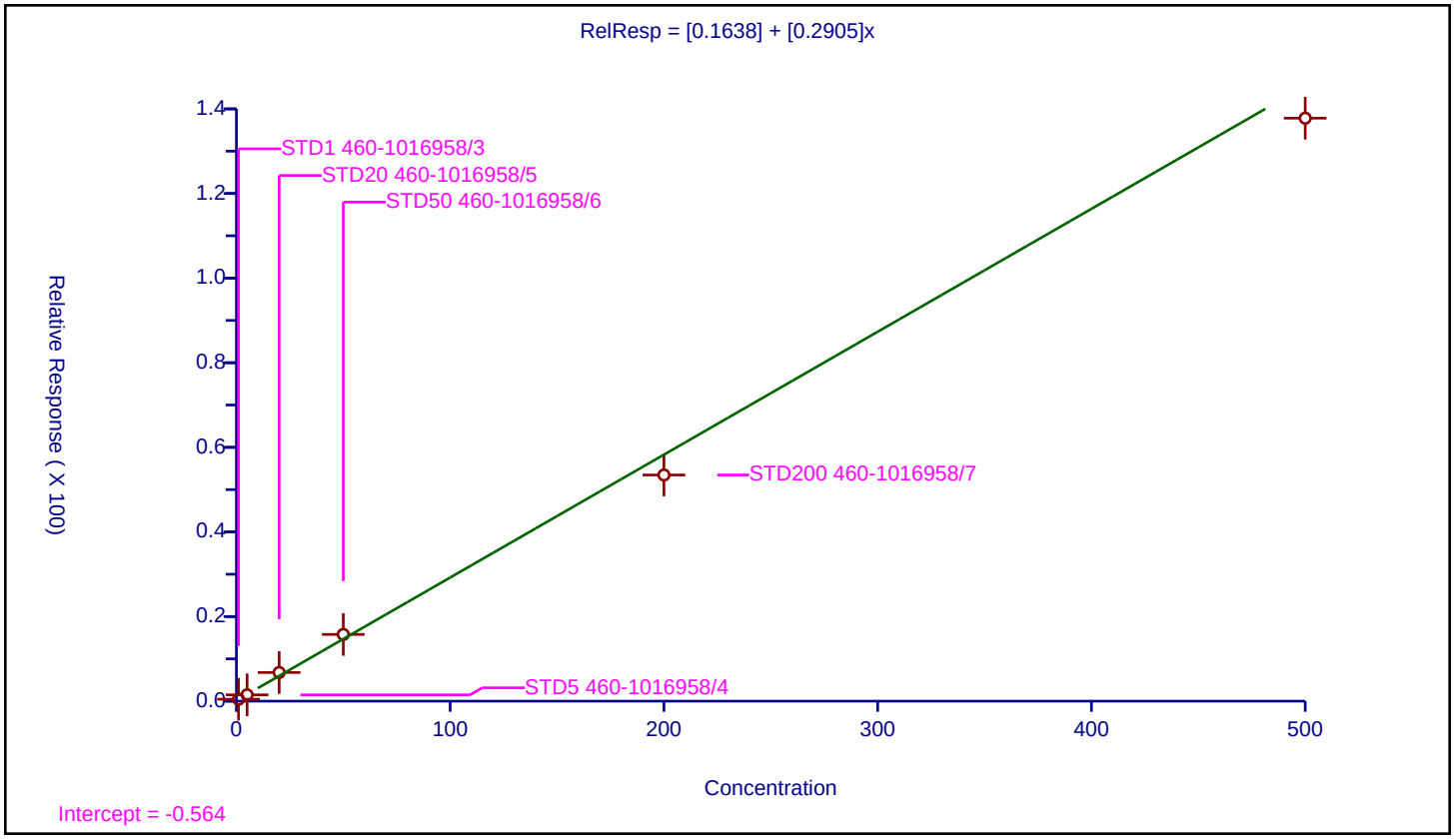
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0.1638 |
| **Slope:** | 0.2905 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.456992 | 50.0 | 580754.0 | 0.456992 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.491341 | 50.0 | 577165.0 | 0.298268 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.773022 | 50.0 | 597119.0 | 0.338651 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 15.770133 | 50.0 | 593527.0 | 0.315403 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 53.462531 | 50.0 | 694232.0 | 0.267313 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 137.79959 | 50.0 | 749774.0 | 0.275599 | Y |



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## Calibration / 2-Methyl-1,3-butadiene

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

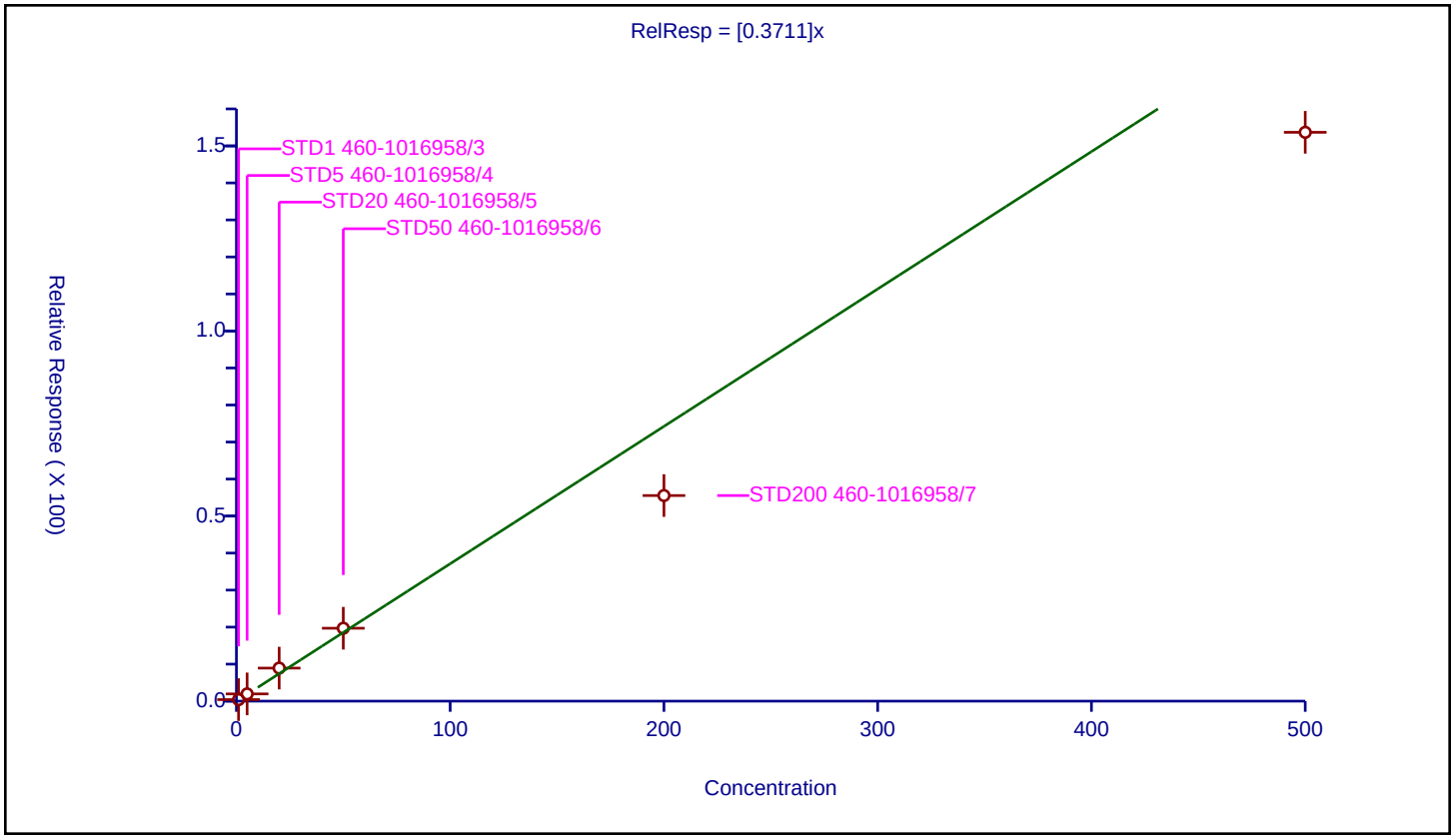
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3711 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.411362 | 50.0 | 580754.0 | 0.411362 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.950222 | 50.0 | 577165.0 | 0.390044 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.929041 | 50.0 | 597119.0 | 0.446452 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 19.696998 | 50.0 | 593527.0 | 0.39394 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 55.543104 | 50.0 | 694232.0 | 0.277716 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 153.673507 | 50.0 | 749774.0 | 0.307347 | Y |



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## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

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

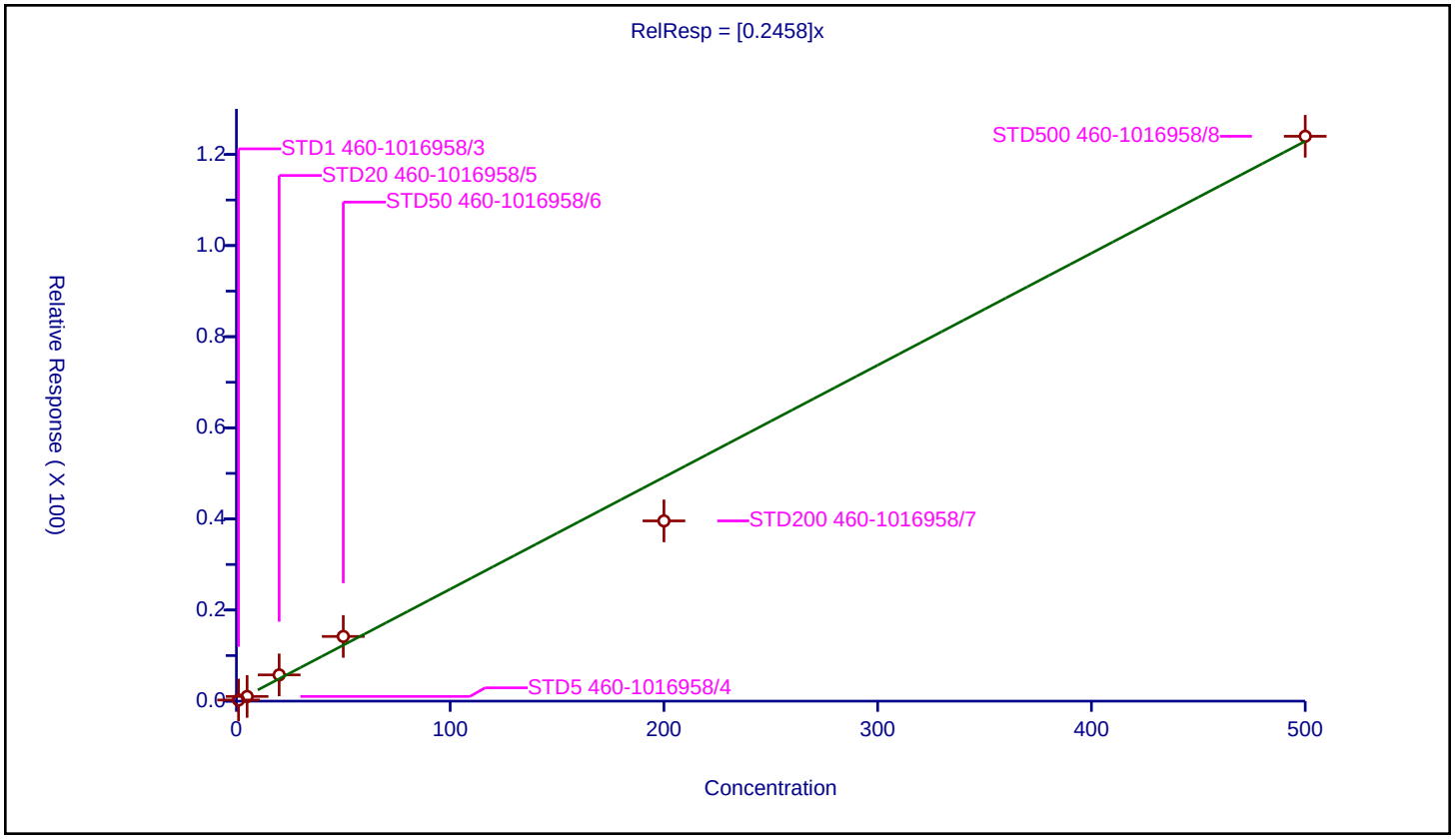
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2458 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.250795 | 50.0 | 580754.0 | 0.250795 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.030814 | 50.0 | 577165.0 | 0.206163 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.760828 | 50.0 | 597119.0 | 0.288041 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 14.20087 | 50.0 | 593527.0 | 0.284017 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 39.567176 | 50.0 | 694232.0 | 0.197836 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 123.987228 | 50.0 | 749774.0 | 0.247974 | Y |



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## Calibration / Acrolein

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

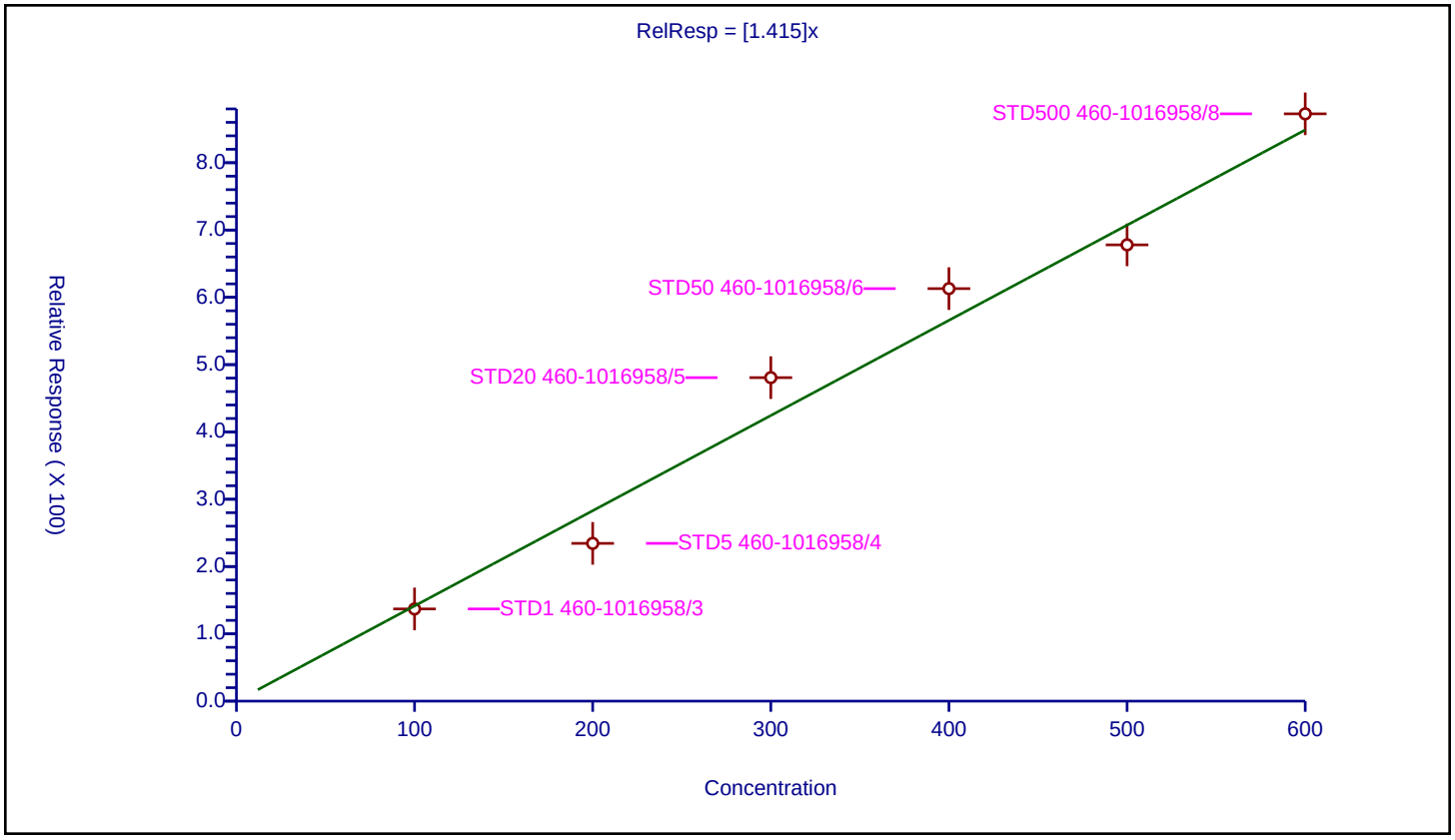
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.415 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 100.0 | 136.994634 | 1000.0 | 481705.0 | 1.369946 | Y |
| 2 | STD5 460-1016958/4 | 200.0 | 234.424362 | 1000.0 | 542546.0 | 1.172122 | Y |
| 3 | STD20 460-1016958/5 | 300.0 | 480.685436 | 1000.0 | 542078.0 | 1.602285 | Y |
| 4 | STD50 460-1016958/6 | 400.0 | 612.967997 | 1000.0 | 519448.0 | 1.53242 | Y |
| 5 | STD200 460-1016958/7 | 500.0 | 677.983046 | 1000.0 | 540161.0 | 1.355966 | Y |
| 6 | STD500 460-1016958/8 | 600.0 | 872.687131 | 1000.0 | 620982.0 | 1.454479 | Y |



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## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

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

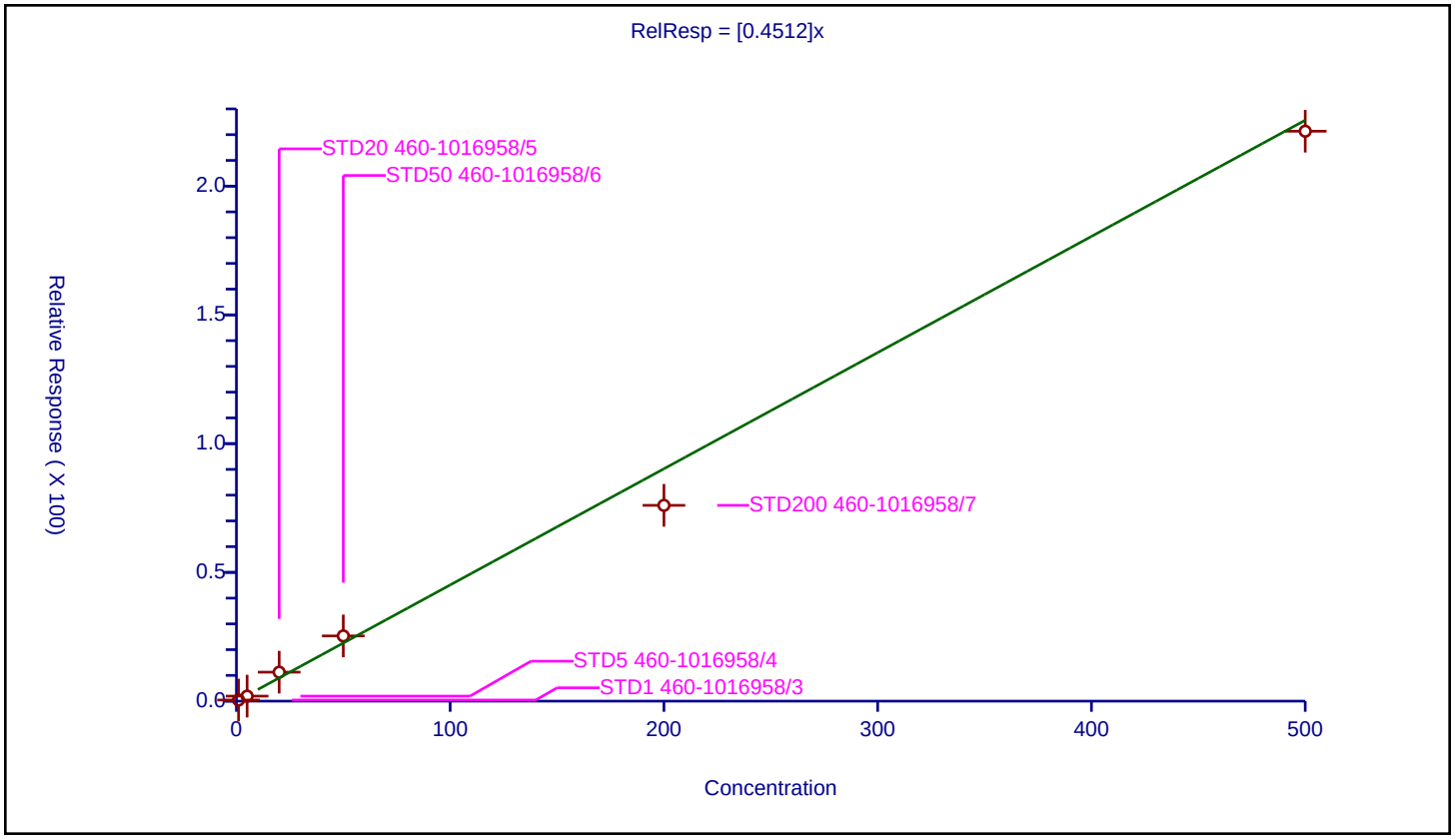
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4512 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.42574 | 50.0 | 580754.0 | 0.42574 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.947797 | 50.0 | 577165.0 | 0.389559 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 11.247507 | 50.0 | 597119.0 | 0.562375 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 25.328755 | 50.0 | 593527.0 | 0.506575 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 76.036469 | 50.0 | 694232.0 | 0.380182 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 221.332895 | 50.0 | 749774.0 | 0.442666 | Y |



## Calibration / 1,1-Dichloroethene

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

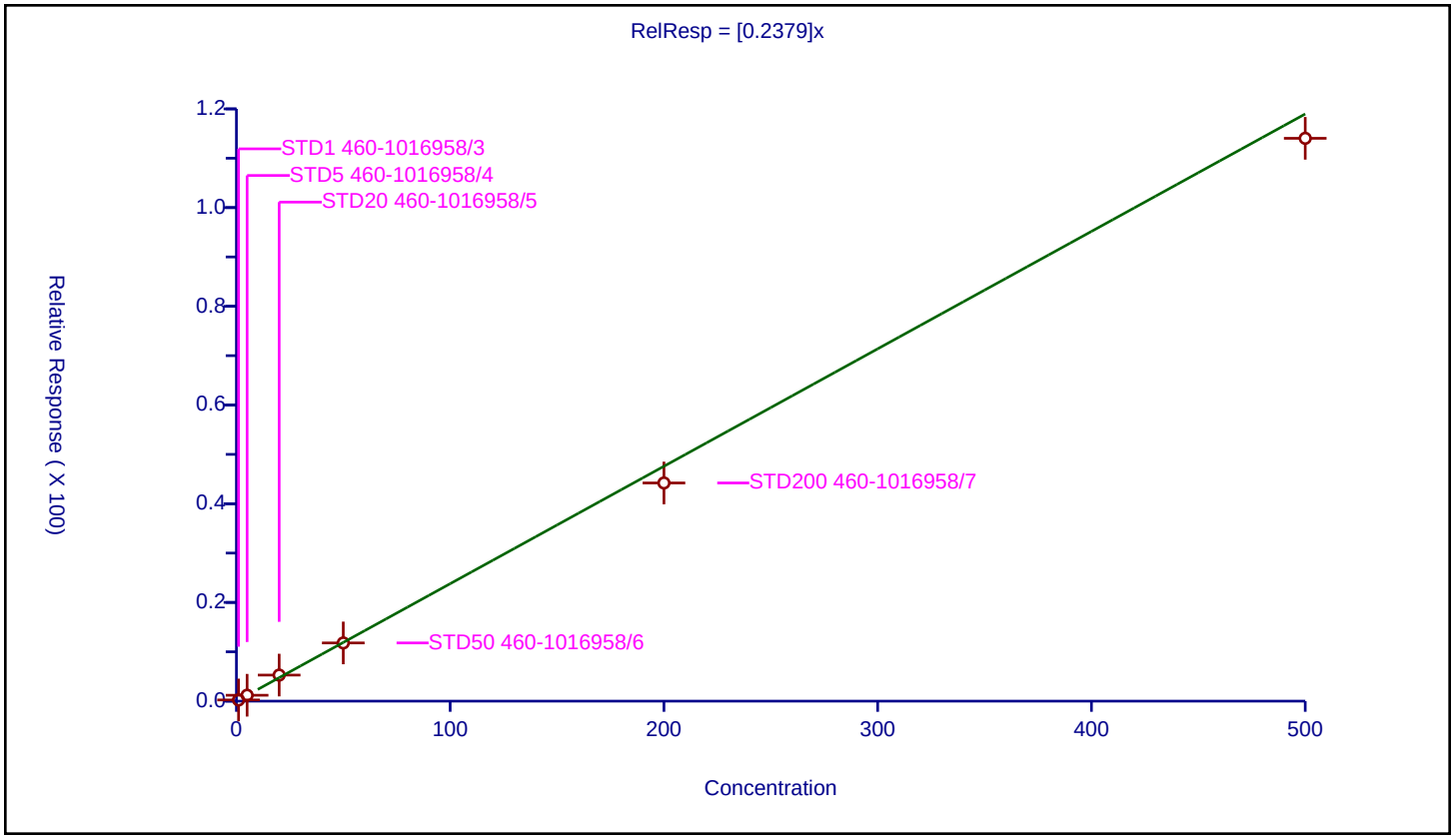
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.23943 | 50.0 | 580754.0 | 0.23943 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.196192 | 50.0 | 577165.0 | 0.239238 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.28002 | 50.0 | 597119.0 | 0.264001 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 11.793145 | 50.0 | 593527.0 | 0.235863 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 44.207988 | 50.0 | 694232.0 | 0.22104 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 114.03703 | 50.0 | 749774.0 | 0.228074 | Y |



## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

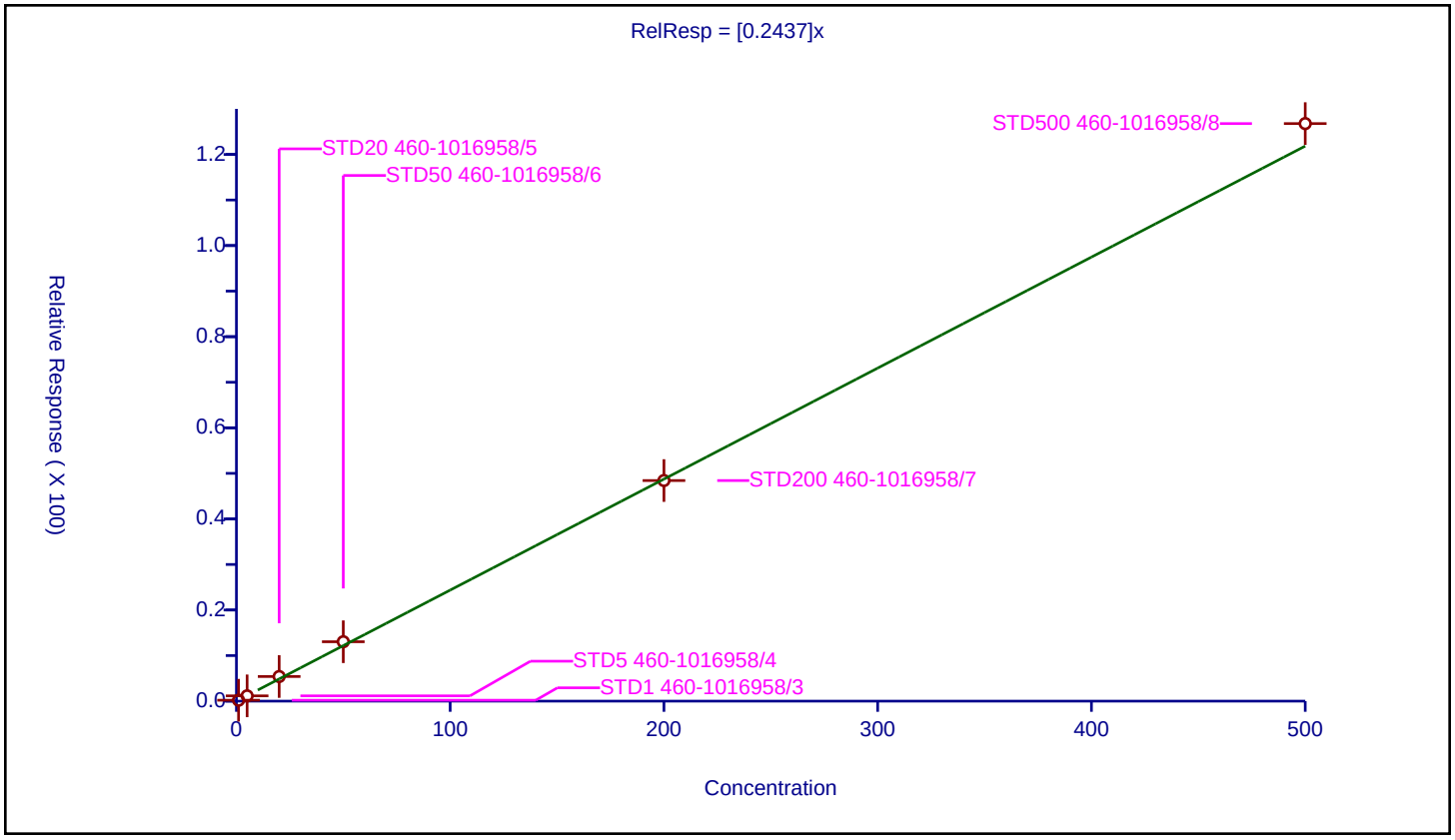
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.203012 | 50.0 | 580754.0 | 0.203012 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.161453 | 50.0 | 577165.0 | 0.232291 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.405623 | 50.0 | 597119.0 | 0.270281 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 13.04035 | 50.0 | 593527.0 | 0.260807 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 48.418972 | 50.0 | 694232.0 | 0.242095 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 126.774268 | 50.0 | 749774.0 | 0.253549 | Y |



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## Calibration / Acetone

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

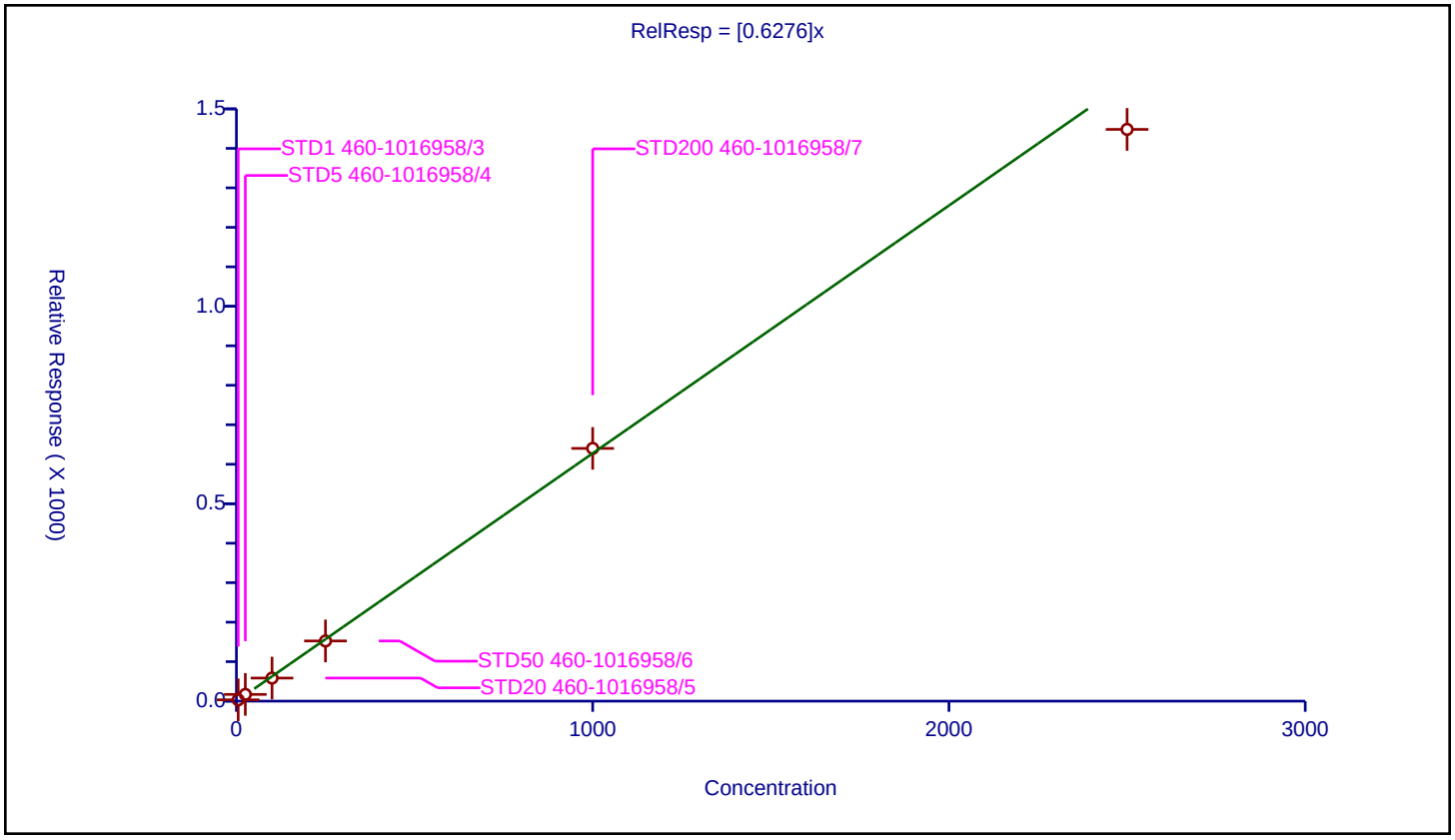
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6276 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 5.0 | 3.350933 | 250.0 | 431074.0 | 0.670187 | Y |
| 2 | STD5 460-1016958/4 | 25.0 | 17.054656 | 250.0 | 460666.0 | 0.682186 | Y |
| 3 | STD20 460-1016958/5 | 100.0 | 58.427436 | 250.0 | 453584.0 | 0.584274 | Y |
| 4 | STD50 460-1016958/6 | 250.0 | 152.411409 | 250.0 | 443807.0 | 0.609646 | Y |
| 5 | STD200 460-1016958/7 | 1000.0 | 640.115564 | 250.0 | 500676.0 | 0.640116 | Y |
| 6 | STD500 460-1016958/8 | 2500.0 | 1448.032709 | 250.0 | 548470.0 | 0.579213 | Y |



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## Calibration / Iodomethane

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

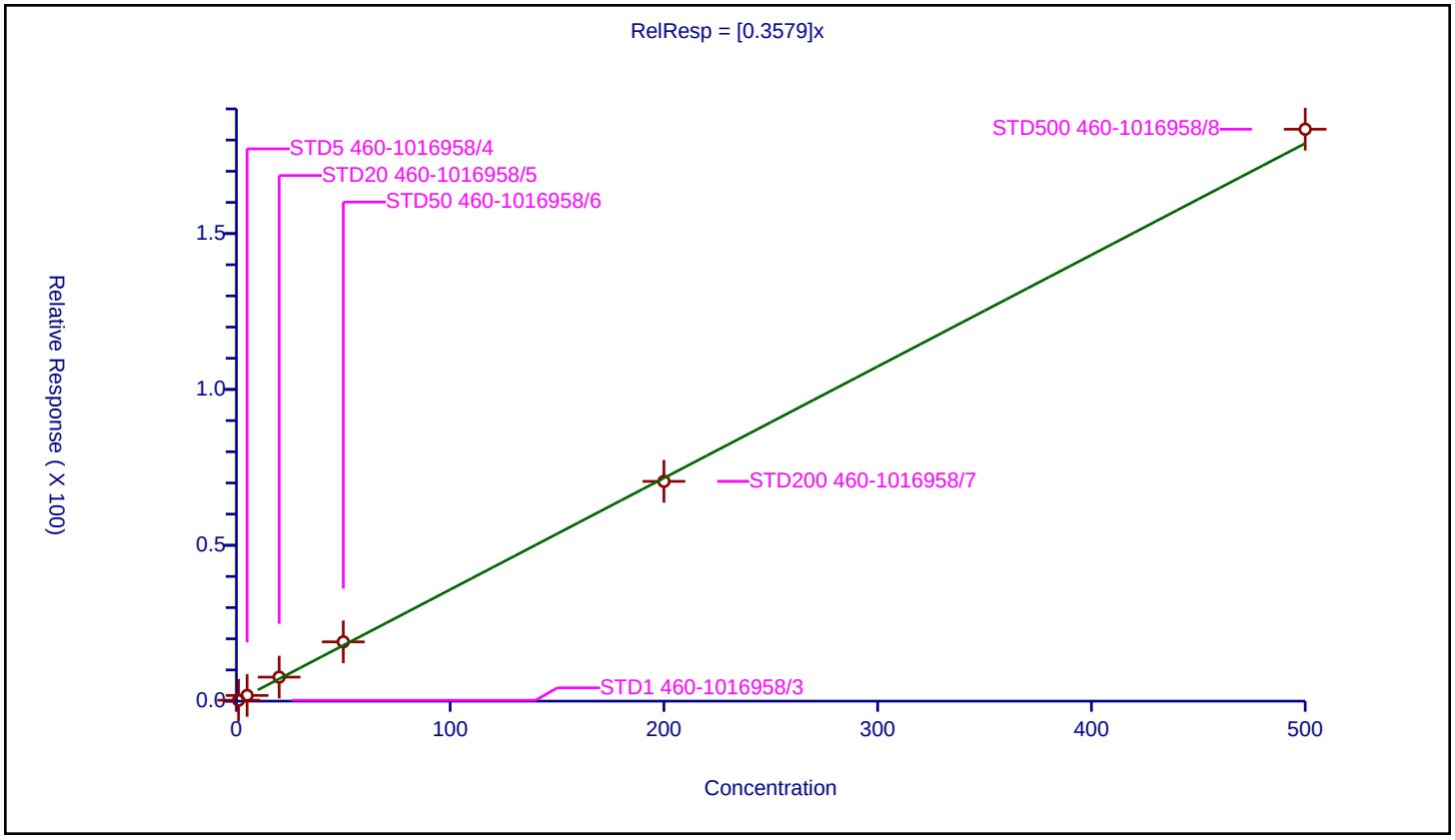
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3579 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.296942 | 50.0 | 580754.0 | 0.296942 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.824781 | 50.0 | 577165.0 | 0.364956 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.705918 | 50.0 | 597119.0 | 0.385296 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 19.027694 | 50.0 | 593527.0 | 0.380554 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 70.501216 | 50.0 | 694232.0 | 0.352506 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 183.471153 | 50.0 | 749774.0 | 0.366942 | Y |



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## Calibration / Carbon disulfide

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

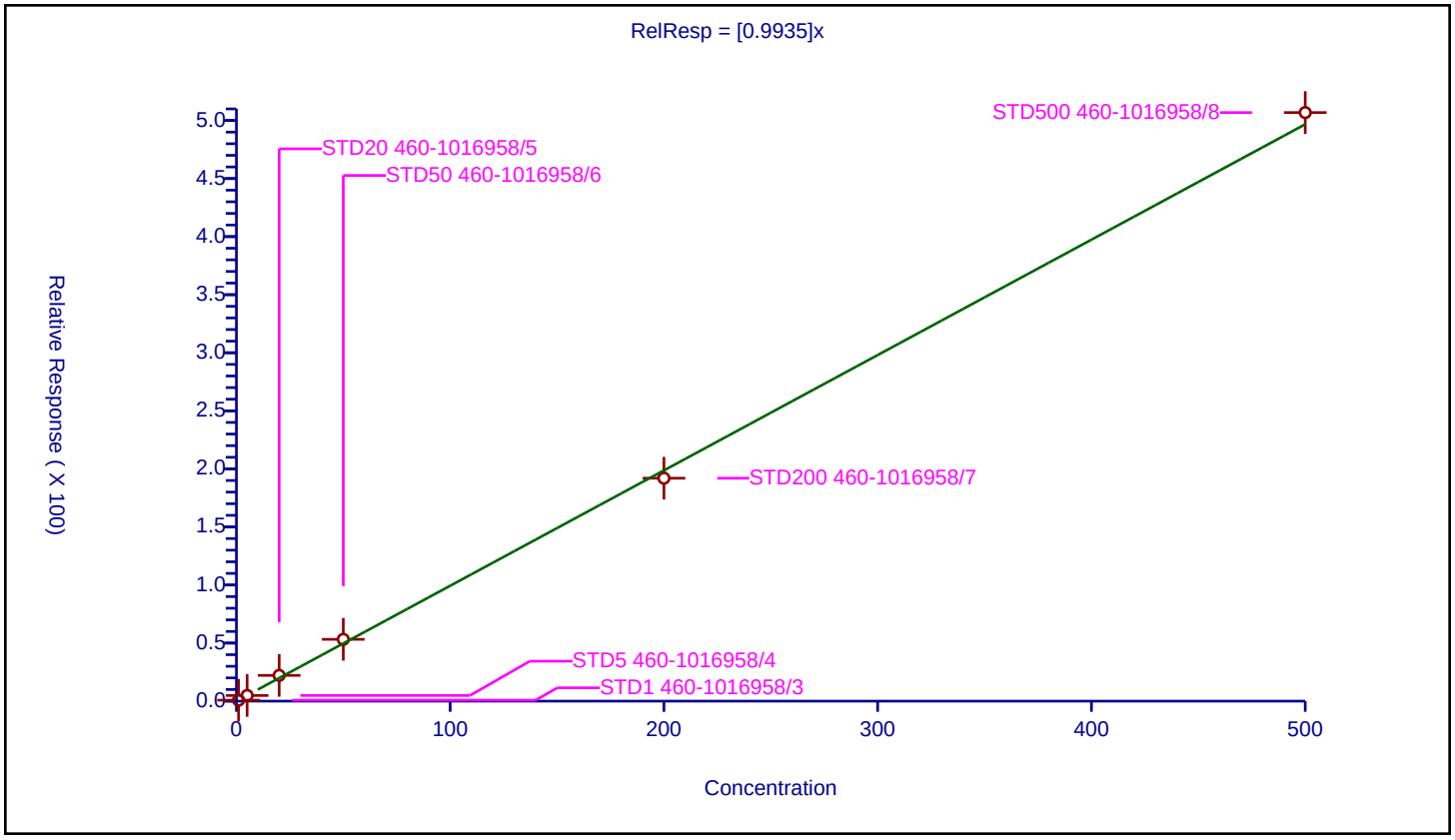
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9935 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.840029 | 50.0 | 580754.0 | 0.840029 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.87365 | 50.0 | 577165.0 | 0.97473 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 22.160909 | 50.0 | 597119.0 | 1.108045 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 53.223442 | 50.0 | 593527.0 | 1.064469 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 191.970624 | 50.0 | 694232.0 | 0.959853 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 506.829525 | 50.0 | 749774.0 | 1.013659 | Y |



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## Calibration / Isopropyl alcohol

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

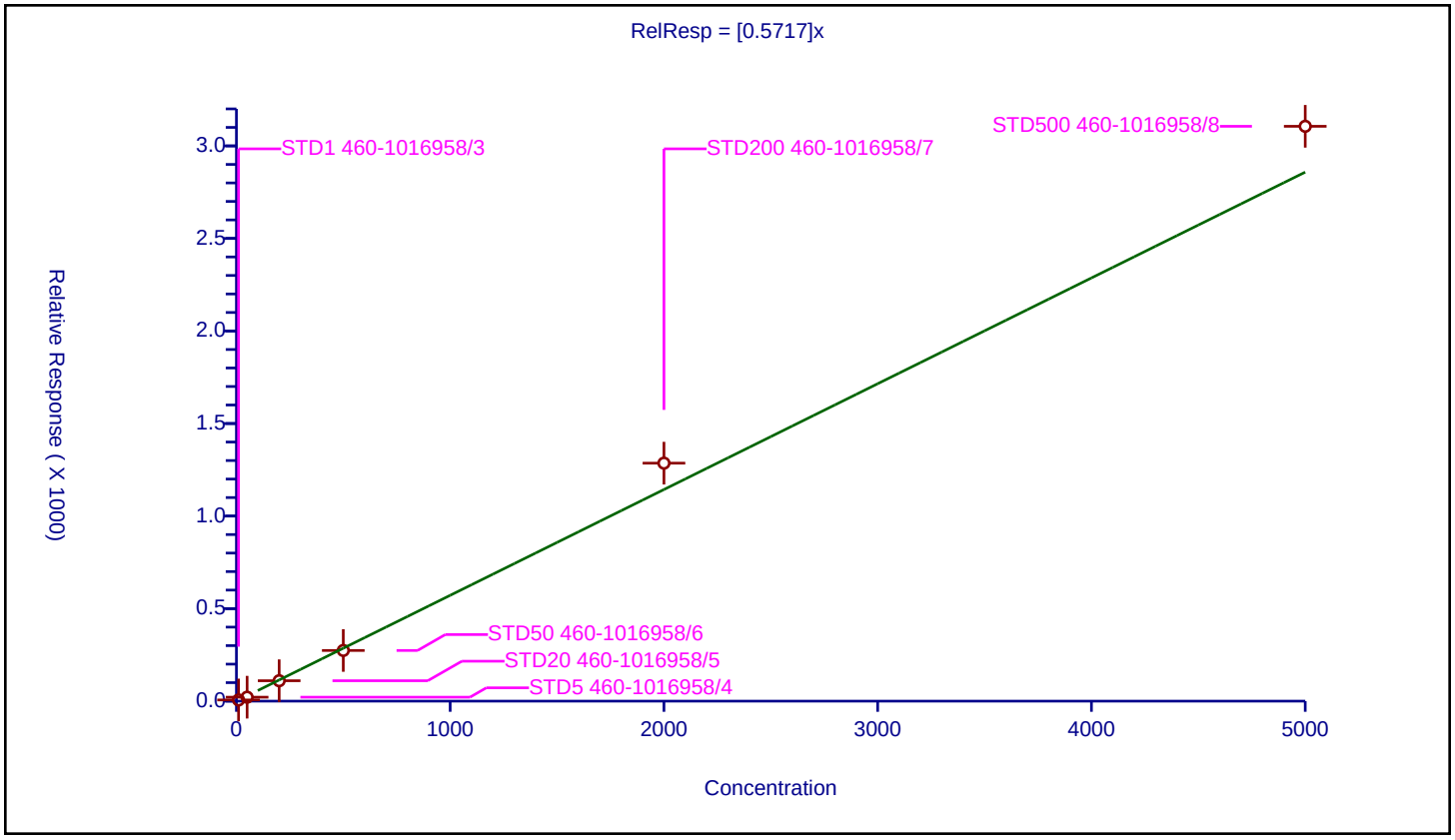
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5717 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 6.381499 | 1000.0 | 481705.0 | 0.63815 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 21.434127 | 1000.0 | 542546.0 | 0.428683 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 110.257195 | 1000.0 | 542078.0 | 0.551286 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 273.834917 | 1000.0 | 519448.0 | 0.54767 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 1285.948078 | 1000.0 | 540161.0 | 0.642974 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 3105.825934 | 1000.0 | 620982.0 | 0.621165 | Y |



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## Calibration / 3-Chloro-1-propene

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

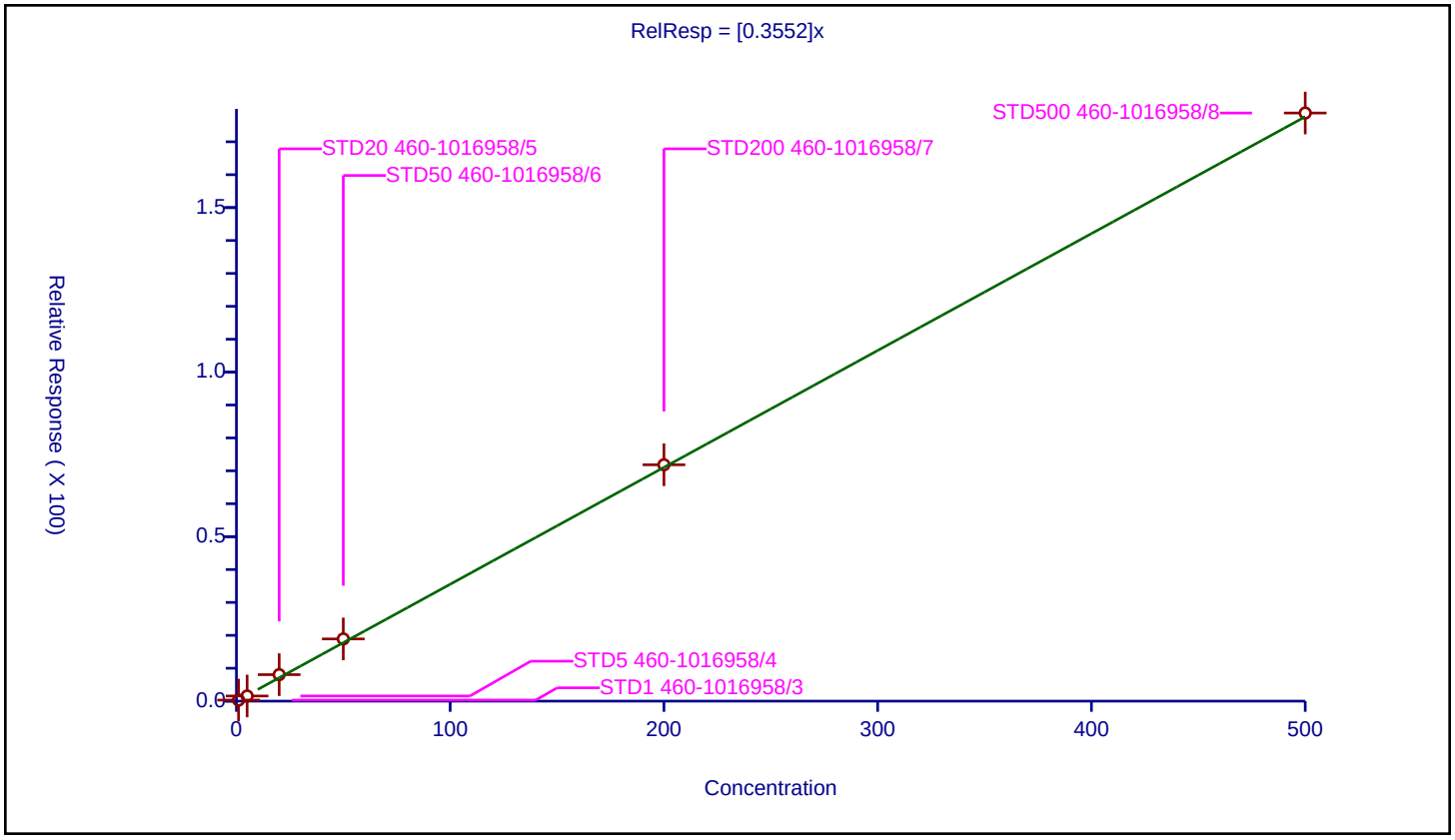
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3552 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.321565 | 50.0 | 580754.0 | 0.321565 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.562725 | 50.0 | 577165.0 | 0.312545 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.052666 | 50.0 | 597119.0 | 0.402633 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 18.902341 | 50.0 | 593527.0 | 0.378047 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 71.834632 | 50.0 | 694232.0 | 0.359173 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 178.744195 | 50.0 | 749774.0 | 0.357488 | Y |



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## Calibration / Acetonitrile

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

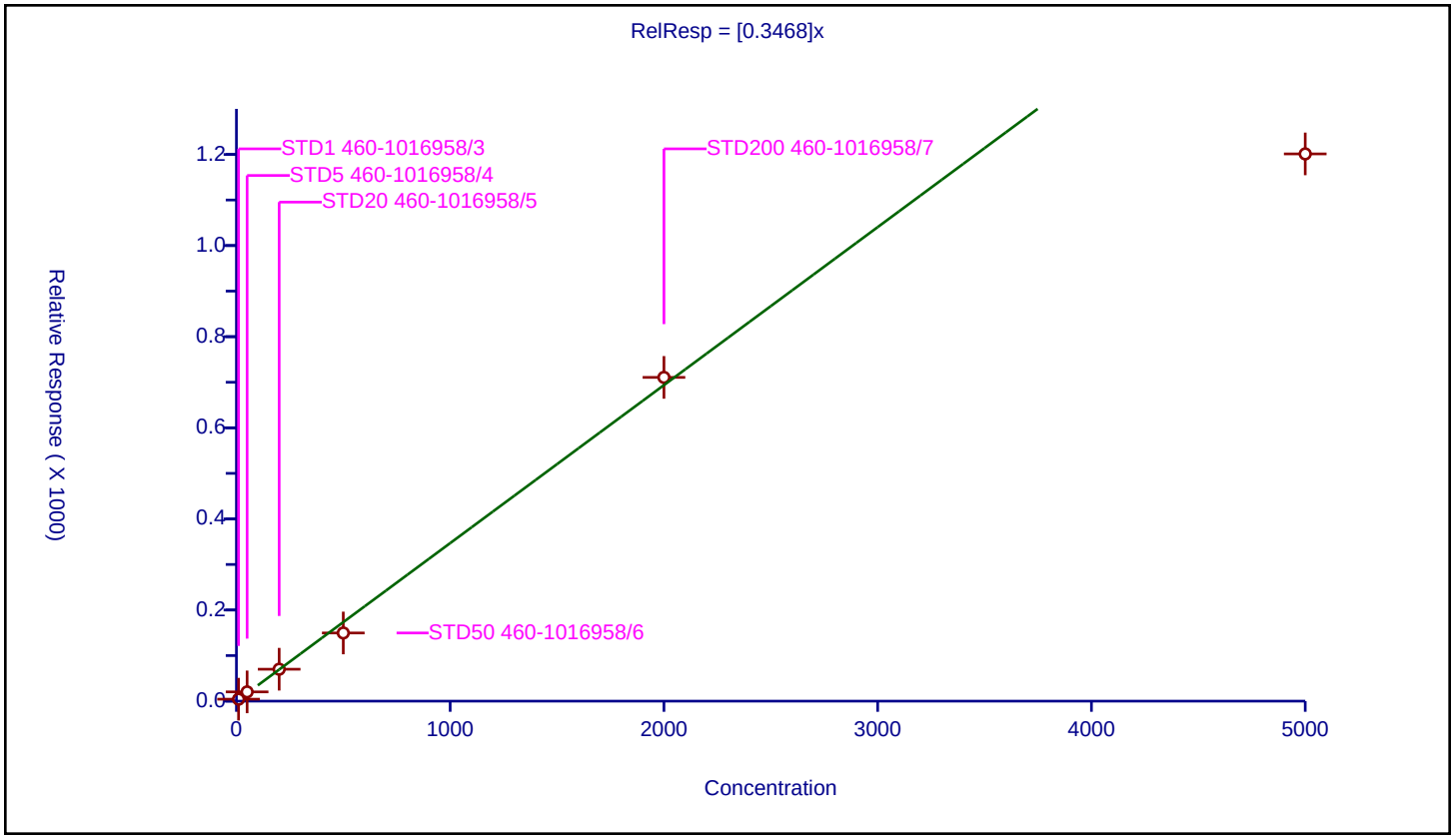
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3468 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 4.293084 | 1000.0 | 481705.0 | 0.429308 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 20.330073 | 1000.0 | 542546.0 | 0.406601 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 70.043425 | 1000.0 | 542078.0 | 0.350217 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 149.649243 | 1000.0 | 519448.0 | 0.299298 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 710.66034 | 1000.0 | 540161.0 | 0.35533 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 1201.202289 | 1000.0 | 620982.0 | 0.24024 | Y |



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## Calibration / Methyl acetate

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

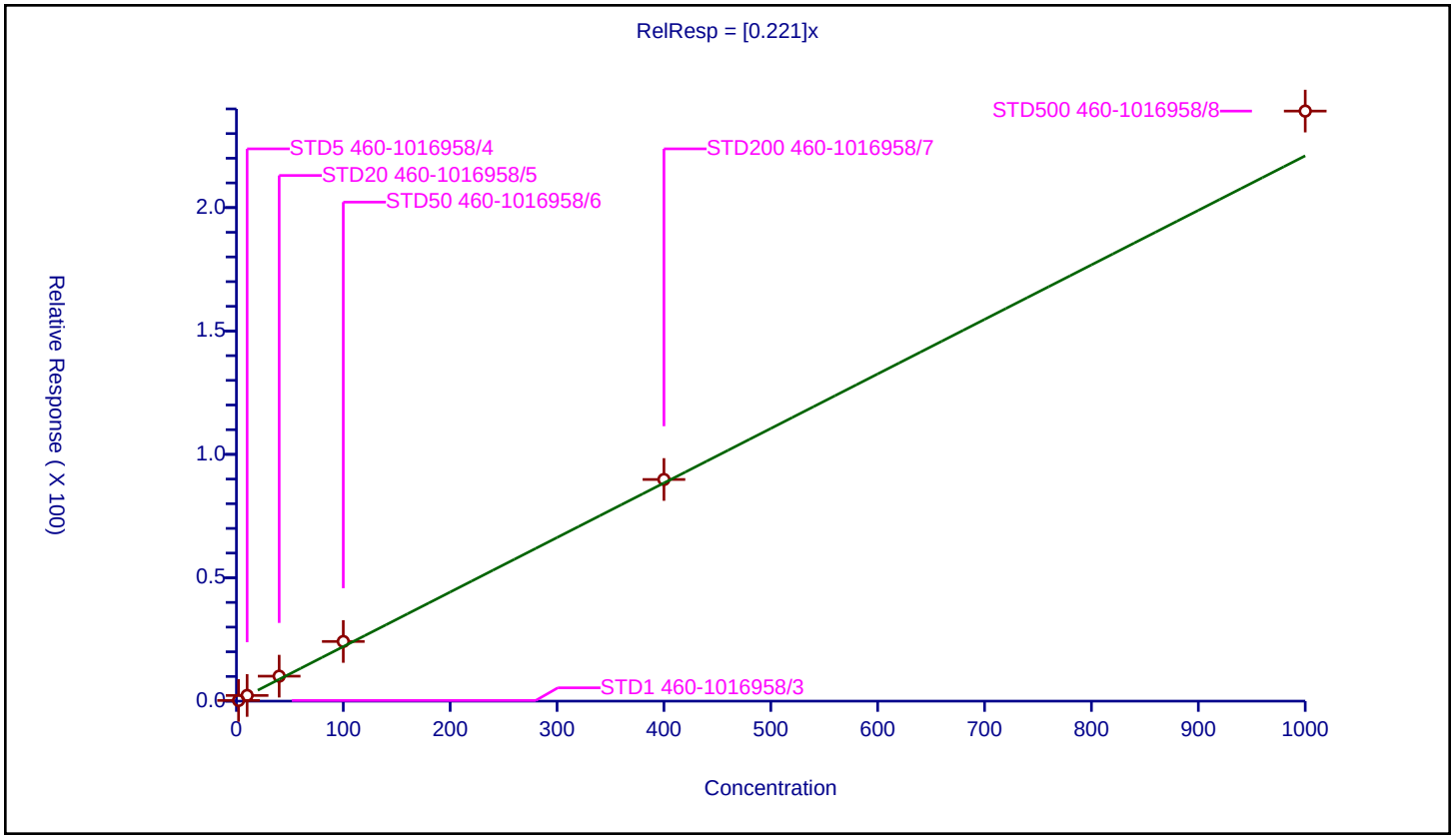
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.221 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 0.273265 | 50.0 | 580754.0 | 0.136633 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 2.307832 | 50.0 | 577165.0 | 0.230783 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 10.121852 | 50.0 | 597119.0 | 0.253046 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 24.178344 | 50.0 | 593527.0 | 0.241783 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 89.830057 | 50.0 | 694232.0 | 0.224575 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 239.119188 | 50.0 | 749774.0 | 0.239119 | Y |



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## Calibration / Methylene Chloride

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

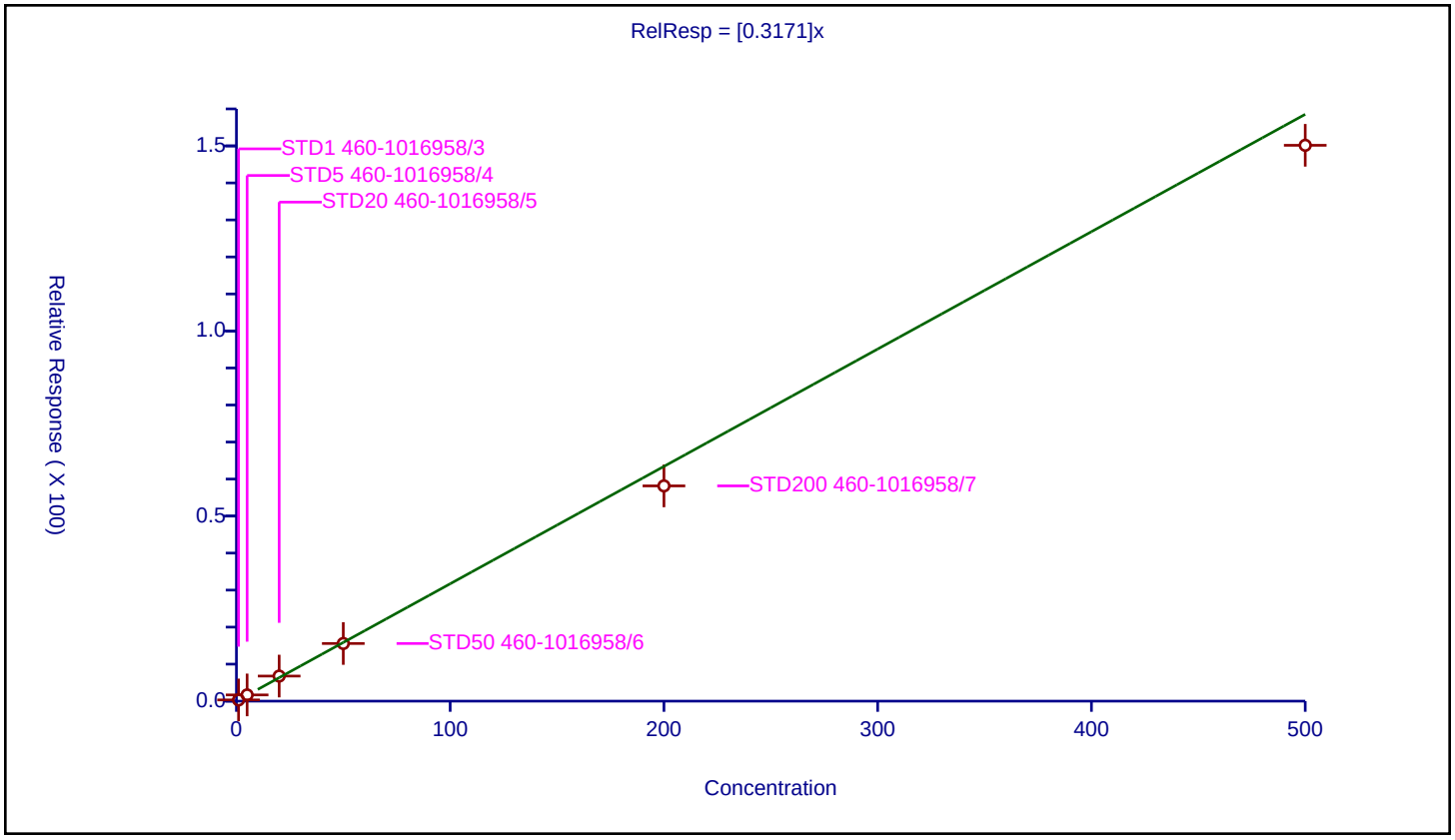
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3171 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.324578 | 50.0 | 580754.0 | 0.324578 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.683314 | 50.0 | 577165.0 | 0.336663 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.772687 | 50.0 | 597119.0 | 0.338634 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 15.573175 | 50.0 | 593527.0 | 0.311464 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 58.151166 | 50.0 | 694232.0 | 0.290756 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 150.166183 | 50.0 | 749774.0 | 0.300332 | Y |



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## Calibration / 2-Methyl-2-propanol

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

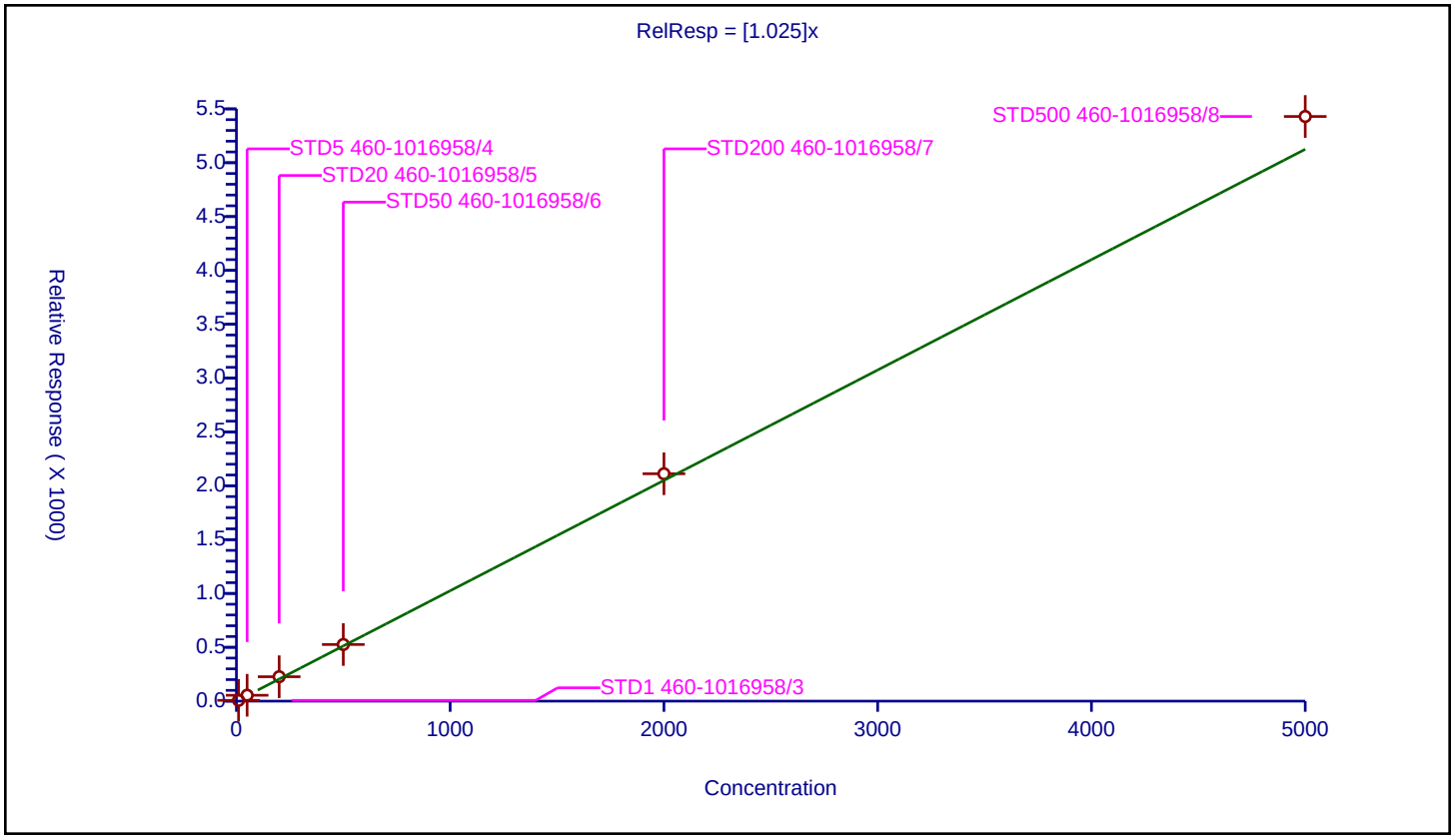
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.025 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 7.303225 | 1000.0 | 481705.0 | 0.730323 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 54.620253 | 1000.0 | 542546.0 | 1.092405 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 226.742277 | 1000.0 | 542078.0 | 1.133711 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 525.88517 | 1000.0 | 519448.0 | 1.05177 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 2111.724097 | 1000.0 | 540161.0 | 1.055862 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 5429.497151 | 1000.0 | 620982.0 | 1.085899 | Y |



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## Calibration / Acrylonitrile

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

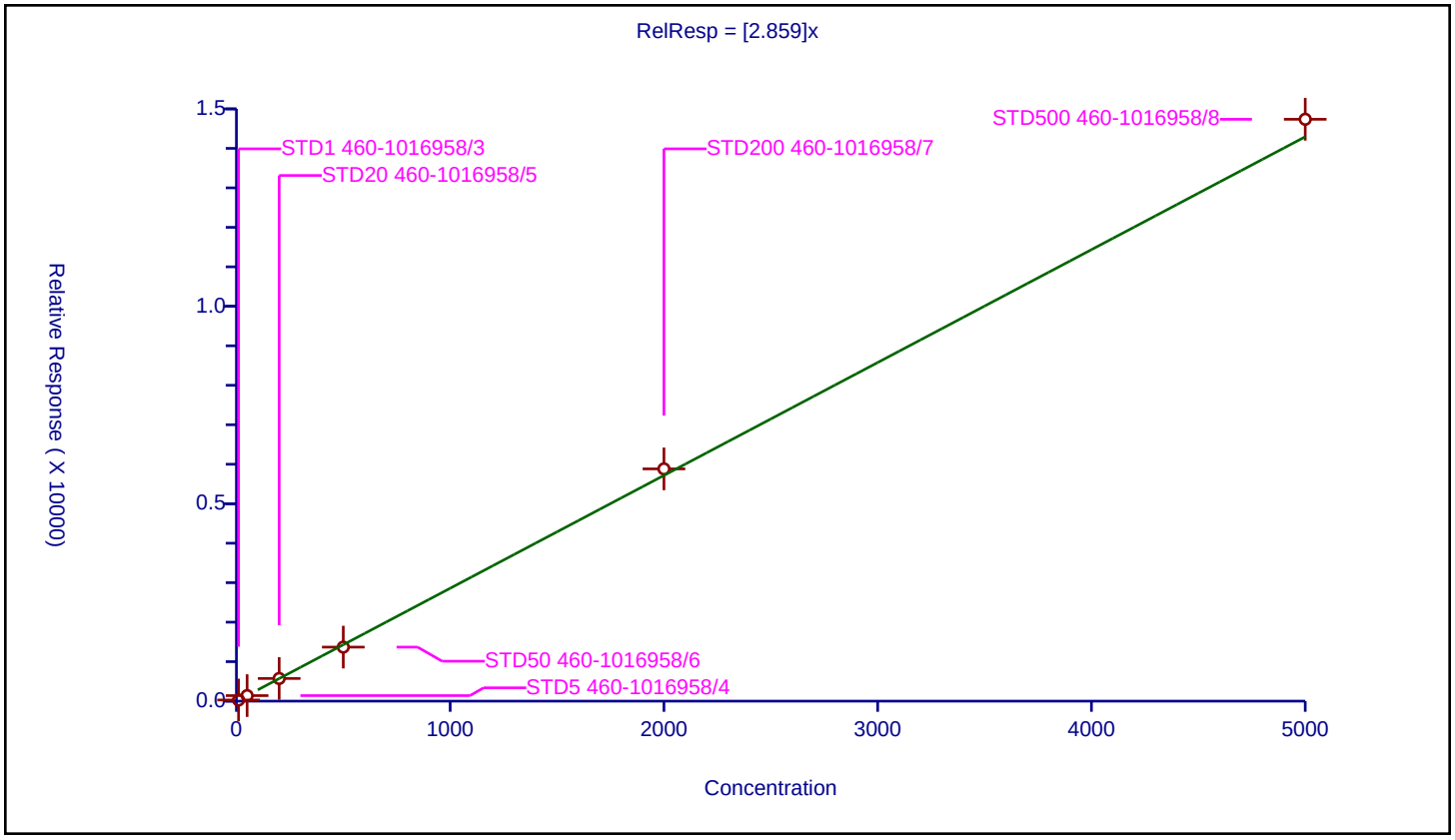
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.859 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 28.644087 | 1000.0 | 481705.0 | 2.864409 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 139.66189 | 1000.0 | 542546.0 | 2.793238 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 573.810411 | 1000.0 | 542078.0 | 2.869052 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 1368.412238 | 1000.0 | 519448.0 | 2.736824 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 5882.855297 | 1000.0 | 540161.0 | 2.941428 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 14736.702513 | 1000.0 | 620982.0 | 2.947341 | Y |



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## Calibration / trans-1,2-Dichloroethene

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

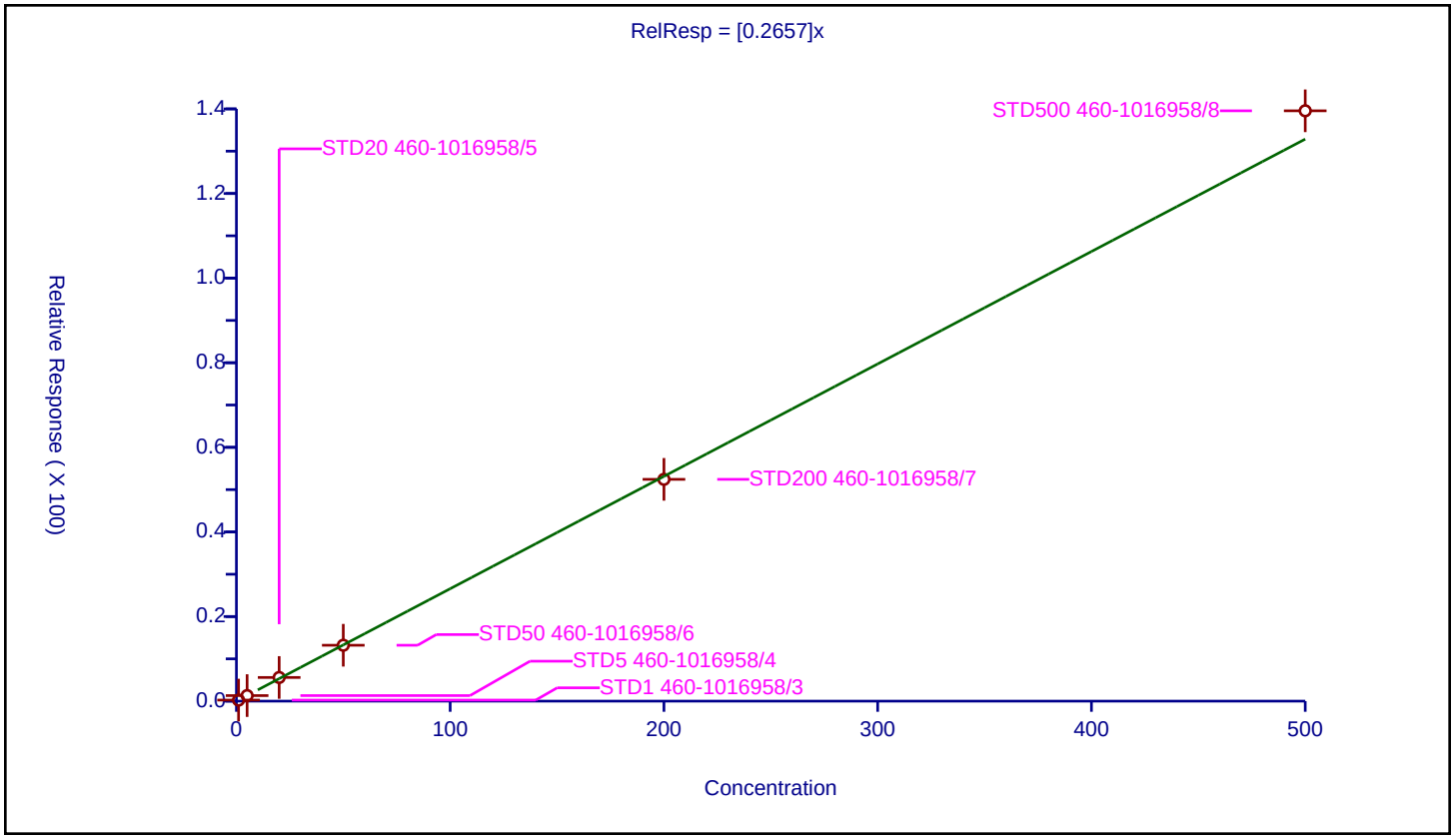
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2657 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.246748 | 50.0 | 580754.0 | 0.246748 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.312103 | 50.0 | 577165.0 | 0.262421 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.592353 | 50.0 | 597119.0 | 0.279618 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 13.211615 | 50.0 | 593527.0 | 0.264232 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 52.426926 | 50.0 | 694232.0 | 0.262135 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 139.544249 | 50.0 | 749774.0 | 0.279088 | Y |



## Calibration / Methyl tert-butyl ether

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

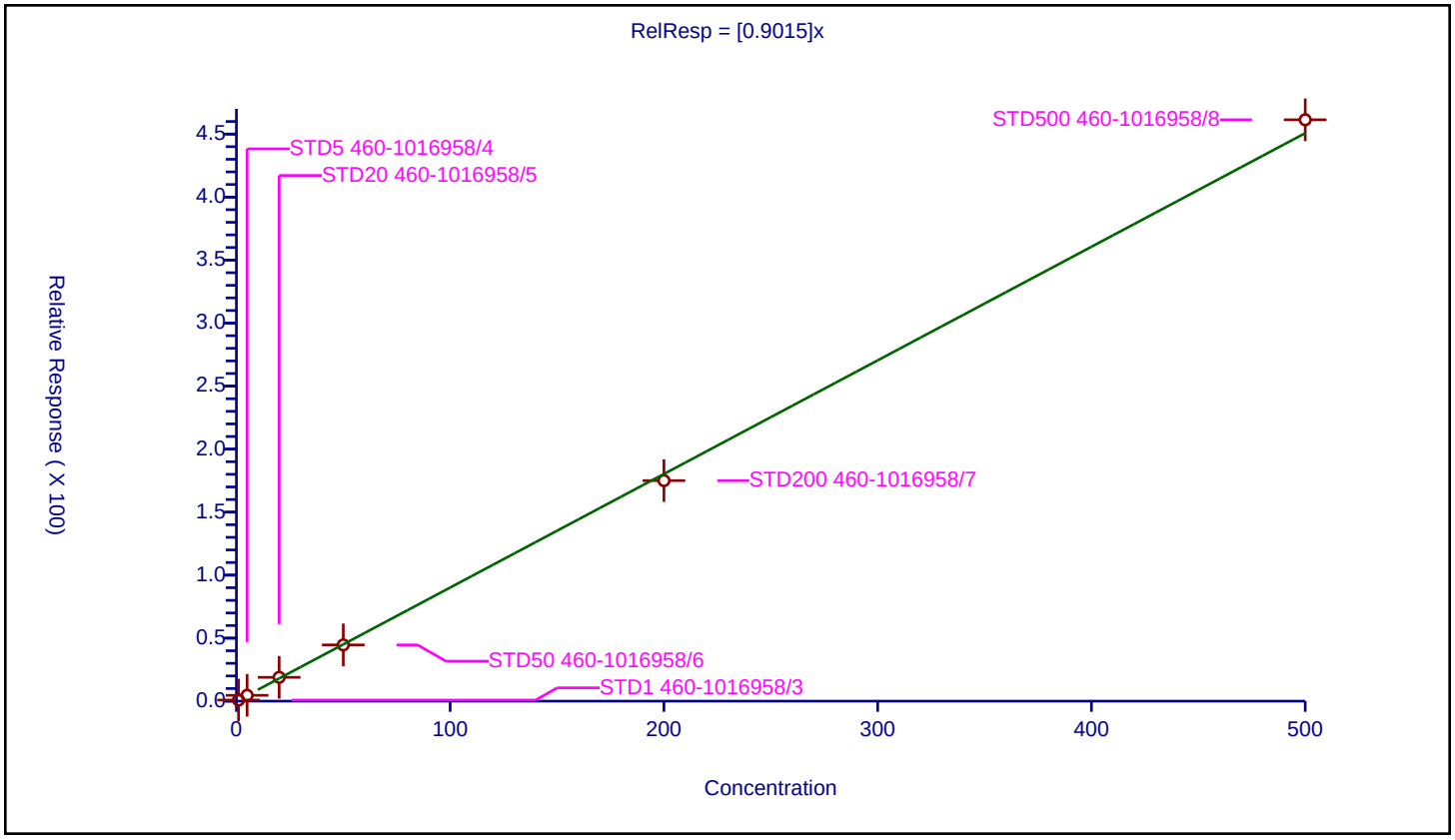
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9015 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.852857 | 50.0 | 580754.0 | 0.852857 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.608647 | 50.0 | 577165.0 | 0.921729 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 18.877895 | 50.0 | 597119.0 | 0.943895 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 44.624423 | 50.0 | 593527.0 | 0.892488 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 175.012388 | 50.0 | 694232.0 | 0.875062 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 461.35102 | 50.0 | 749774.0 | 0.922702 | Y |



## Calibration / Hexane

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

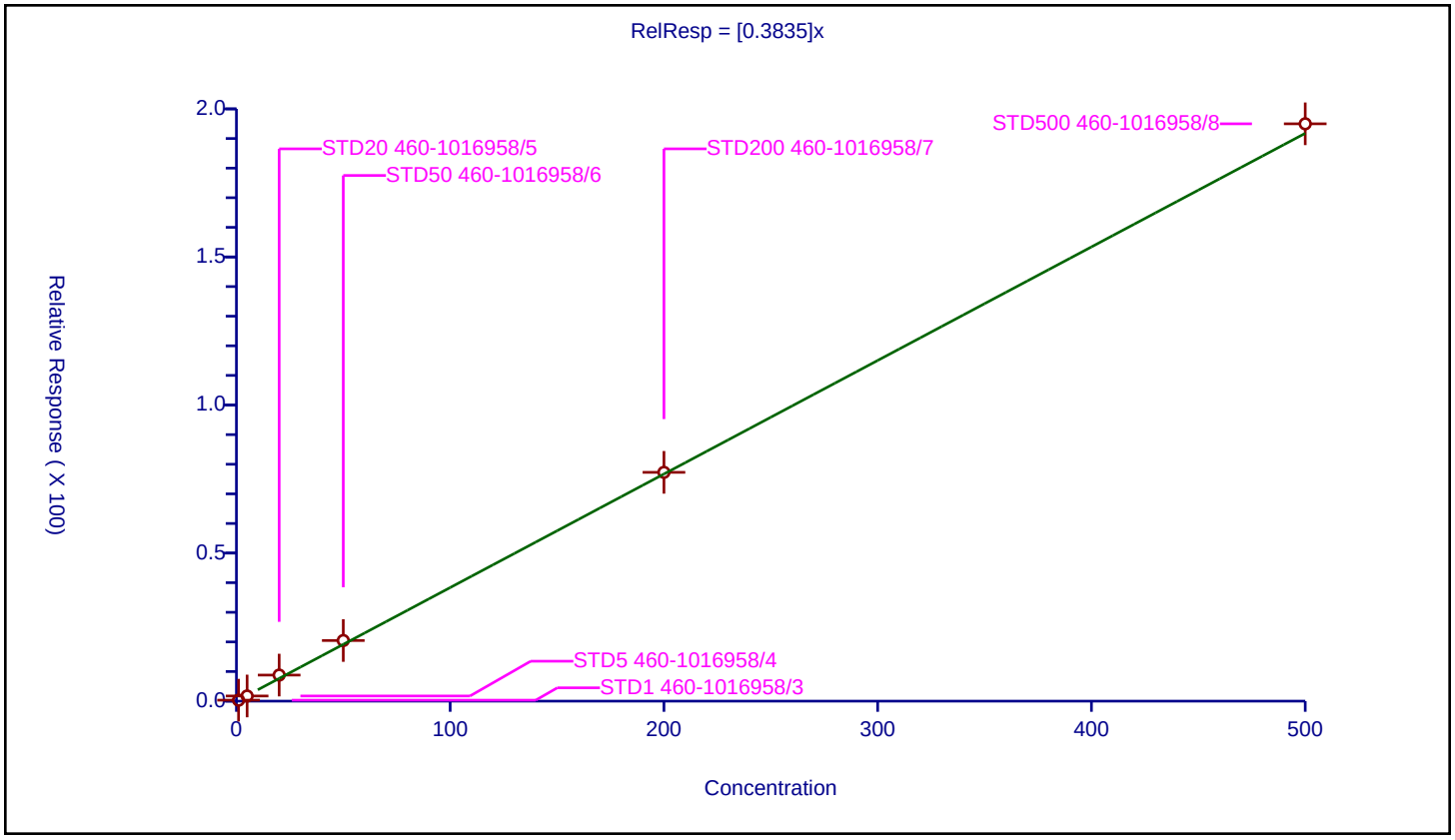
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3835 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.327677 | 50.0 | 580754.0 | 0.327677 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.738065 | 50.0 | 577165.0 | 0.347613 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.799 | 50.0 | 597119.0 | 0.43995 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 20.472615 | 50.0 | 593527.0 | 0.409452 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 77.265309 | 50.0 | 694232.0 | 0.386327 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 194.961015 | 50.0 | 749774.0 | 0.389922 | Y |



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## Calibration / 1,1-Dichloroethane

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

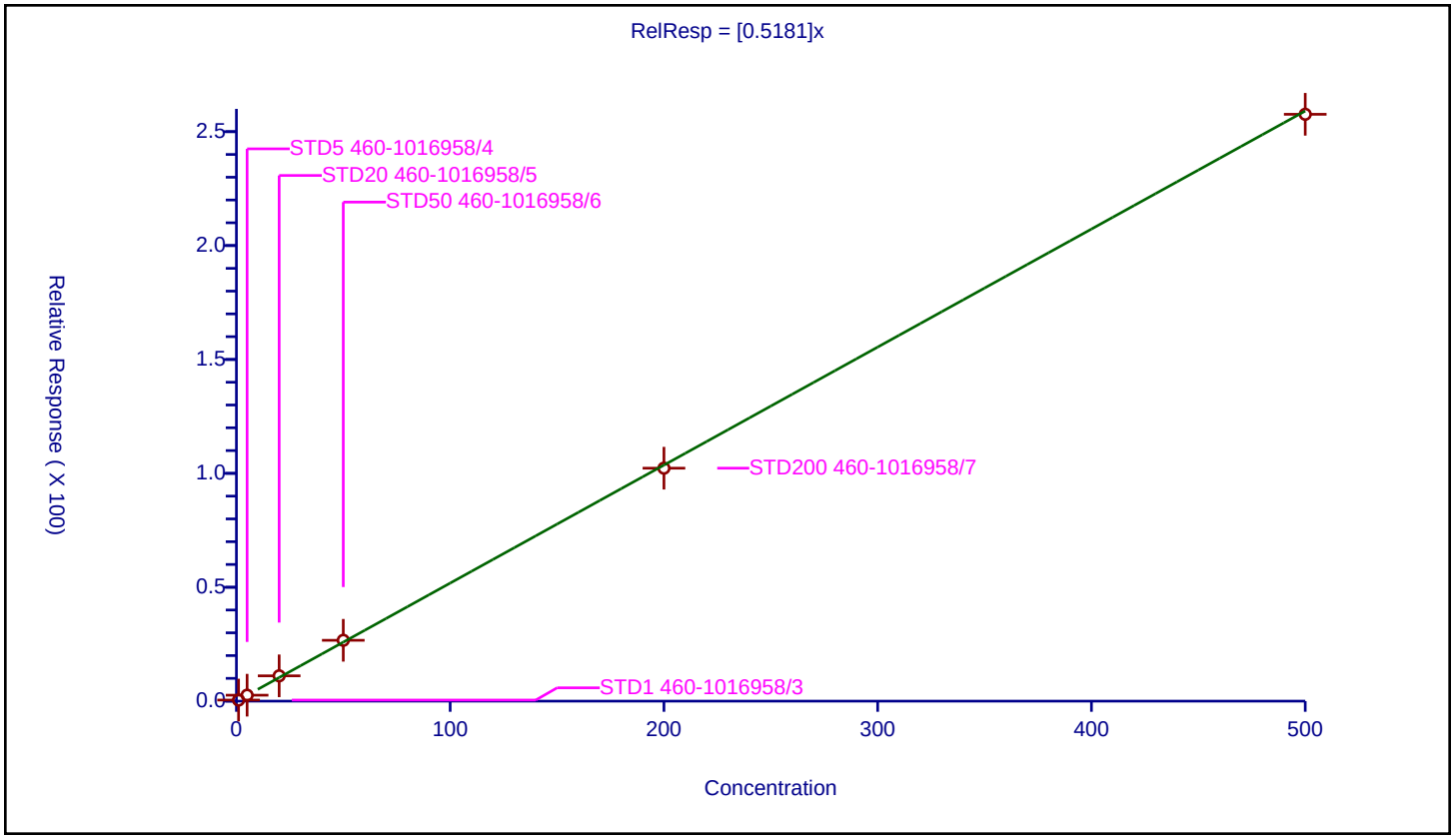
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5181 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.470423 | 50.0 | 580754.0 | 0.470423 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.610259 | 50.0 | 577165.0 | 0.522052 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 11.109008 | 50.0 | 597119.0 | 0.55545 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 26.709737 | 50.0 | 593527.0 | 0.534195 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 102.26927 | 50.0 | 694232.0 | 0.511346 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 257.626832 | 50.0 | 749774.0 | 0.515254 | Y |



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## Calibration / Vinyl acetate

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

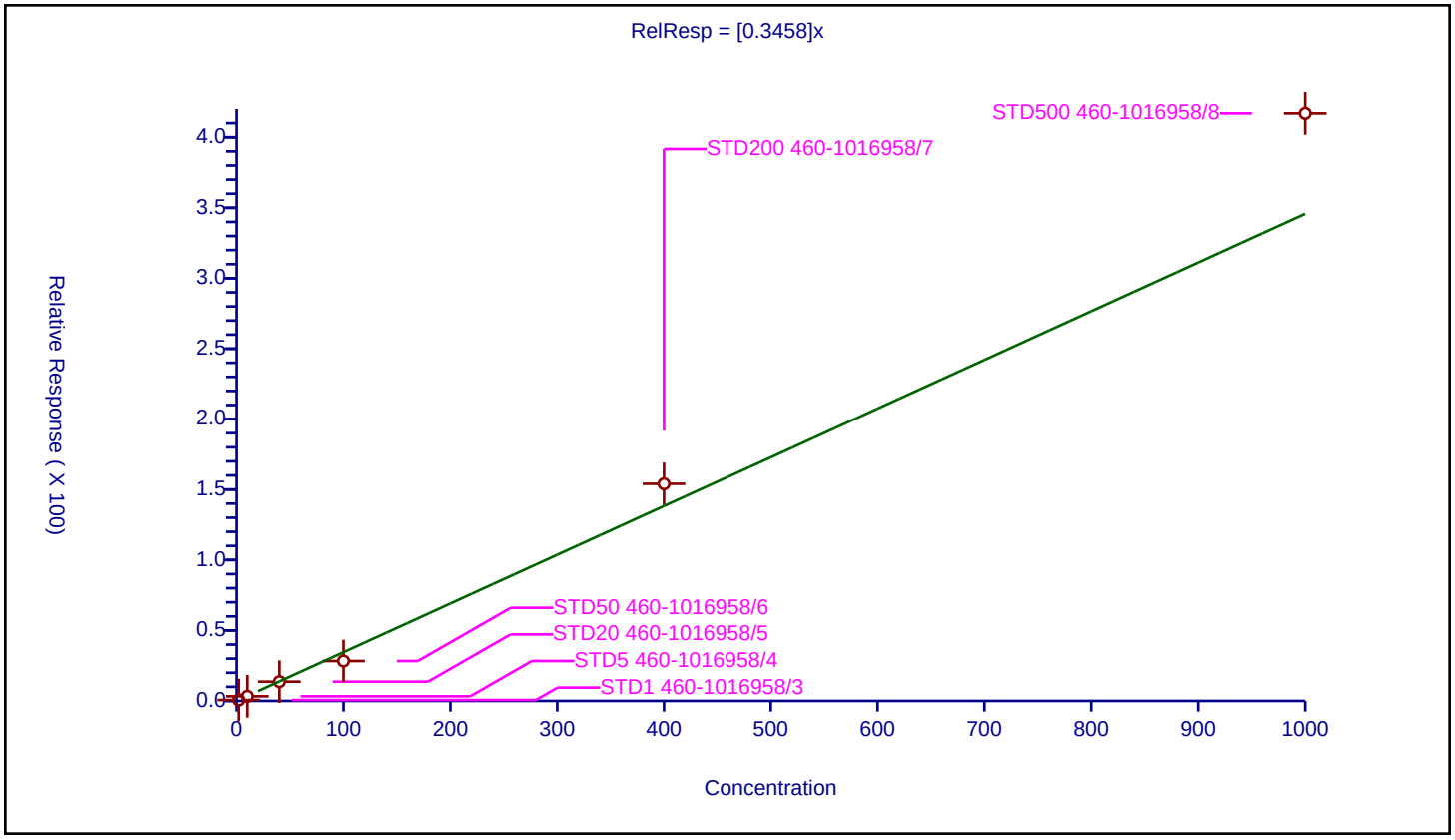
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3458 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 0.639101 | 250.0 | 431074.0 | 0.319551 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 3.281662 | 250.0 | 460666.0 | 0.328166 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 13.656787 | 250.0 | 453584.0 | 0.34142 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 28.325939 | 250.0 | 443807.0 | 0.283259 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 154.078186 | 250.0 | 500676.0 | 0.385195 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 416.916604 | 250.0 | 548470.0 | 0.416917 | Y |



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## Calibration / 2-Chloro-1,3-butadiene

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

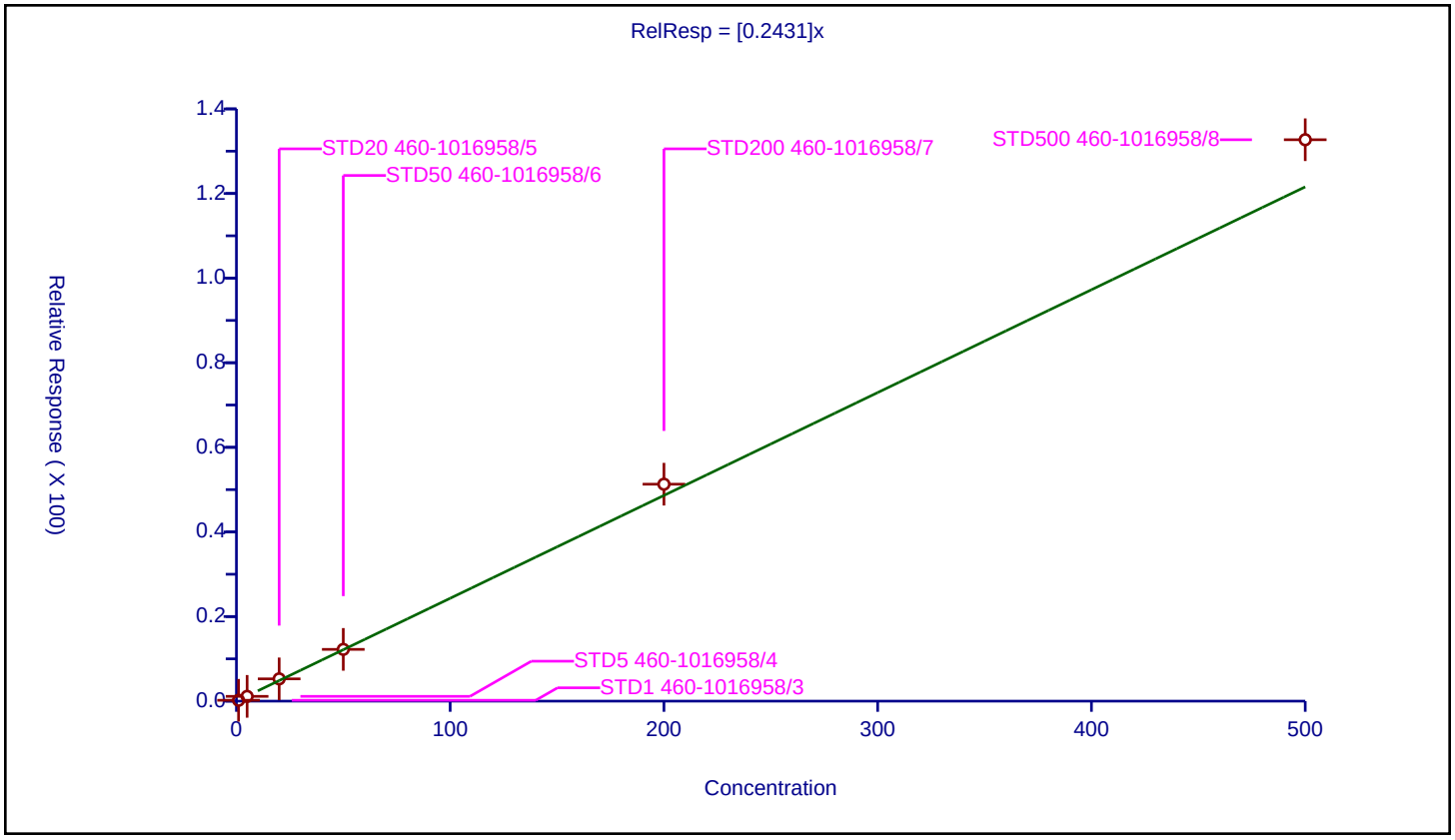
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2431 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.202754 | 50.0 | 580754.0 | 0.202754 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.130353 | 50.0 | 577165.0 | 0.226071 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.268715 | 50.0 | 597119.0 | 0.263436 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 12.235585 | 50.0 | 593527.0 | 0.244712 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 51.282424 | 50.0 | 694232.0 | 0.256412 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 132.707056 | 50.0 | 749774.0 | 0.265414 | Y |



## Calibration / Isopropyl ether

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

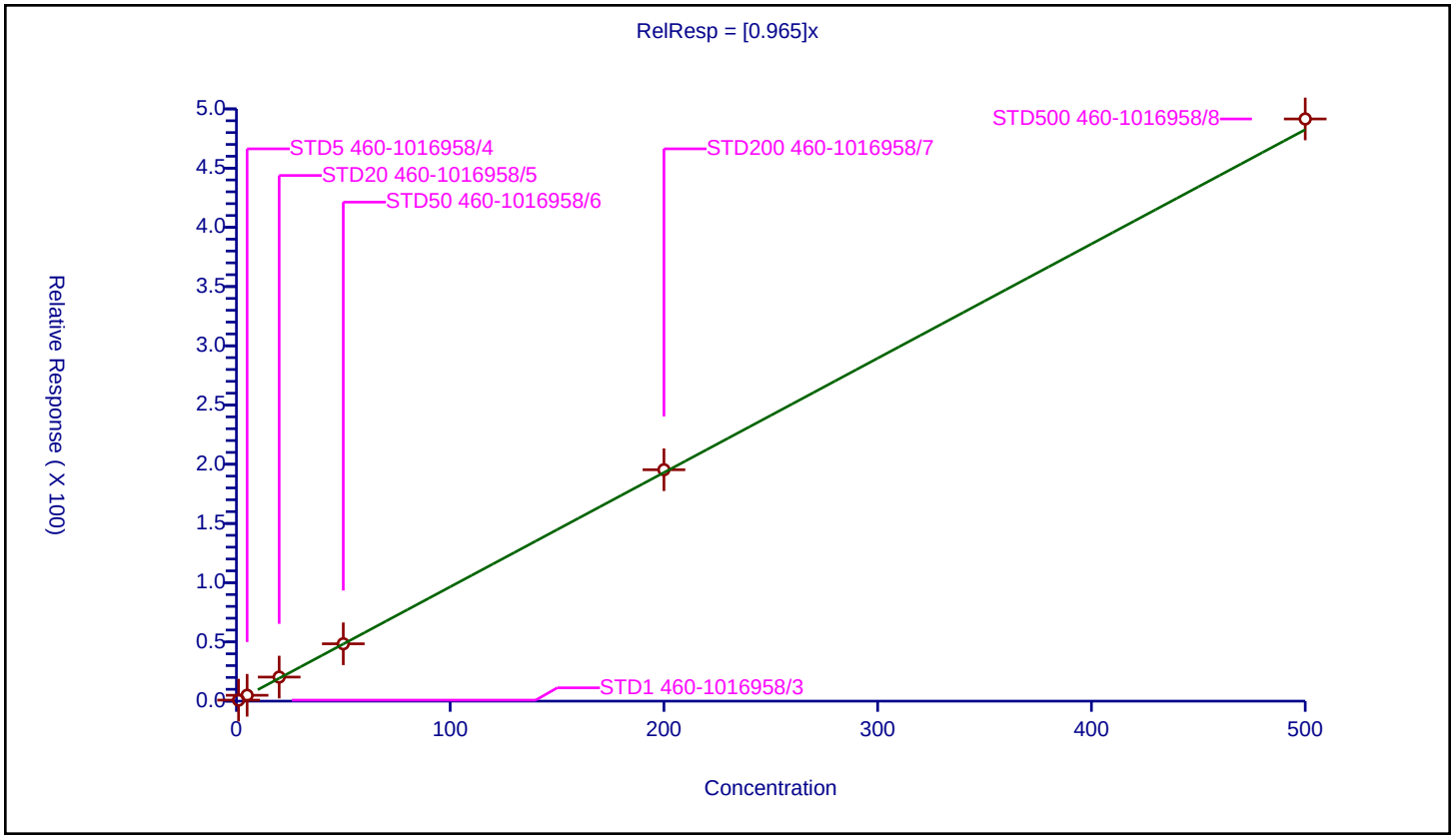
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.965 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.854751 | 50.0 | 580754.0 | 0.854751 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.955948 | 50.0 | 577165.0 | 0.99119 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 20.309603 | 50.0 | 597119.0 | 1.01548 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 48.422481 | 50.0 | 593527.0 | 0.96845 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 195.374961 | 50.0 | 694232.0 | 0.976875 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 491.507841 | 50.0 | 749774.0 | 0.983016 | Y |



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## Calibration / Tert-butyl ethyl ether

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

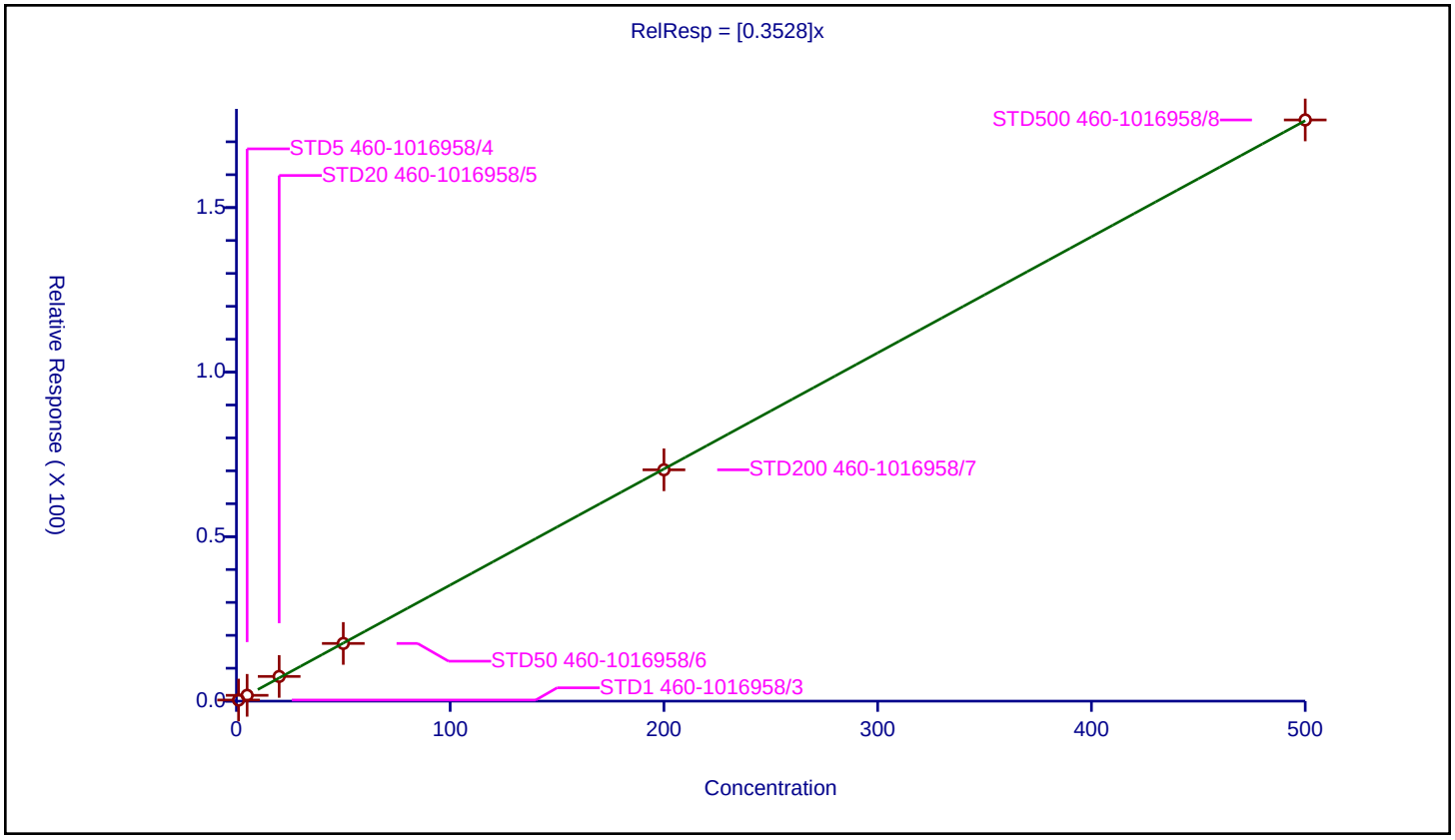
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.333188 | 50.0 | 580754.0 | 0.333188 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.764833 | 50.0 | 577165.0 | 0.352967 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.506795 | 50.0 | 597119.0 | 0.37534 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 17.538292 | 50.0 | 593527.0 | 0.350766 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 70.303515 | 50.0 | 694232.0 | 0.351518 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 176.639227 | 50.0 | 749774.0 | 0.353278 | Y |



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## Calibration / cis-1,2-Dichloroethene

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

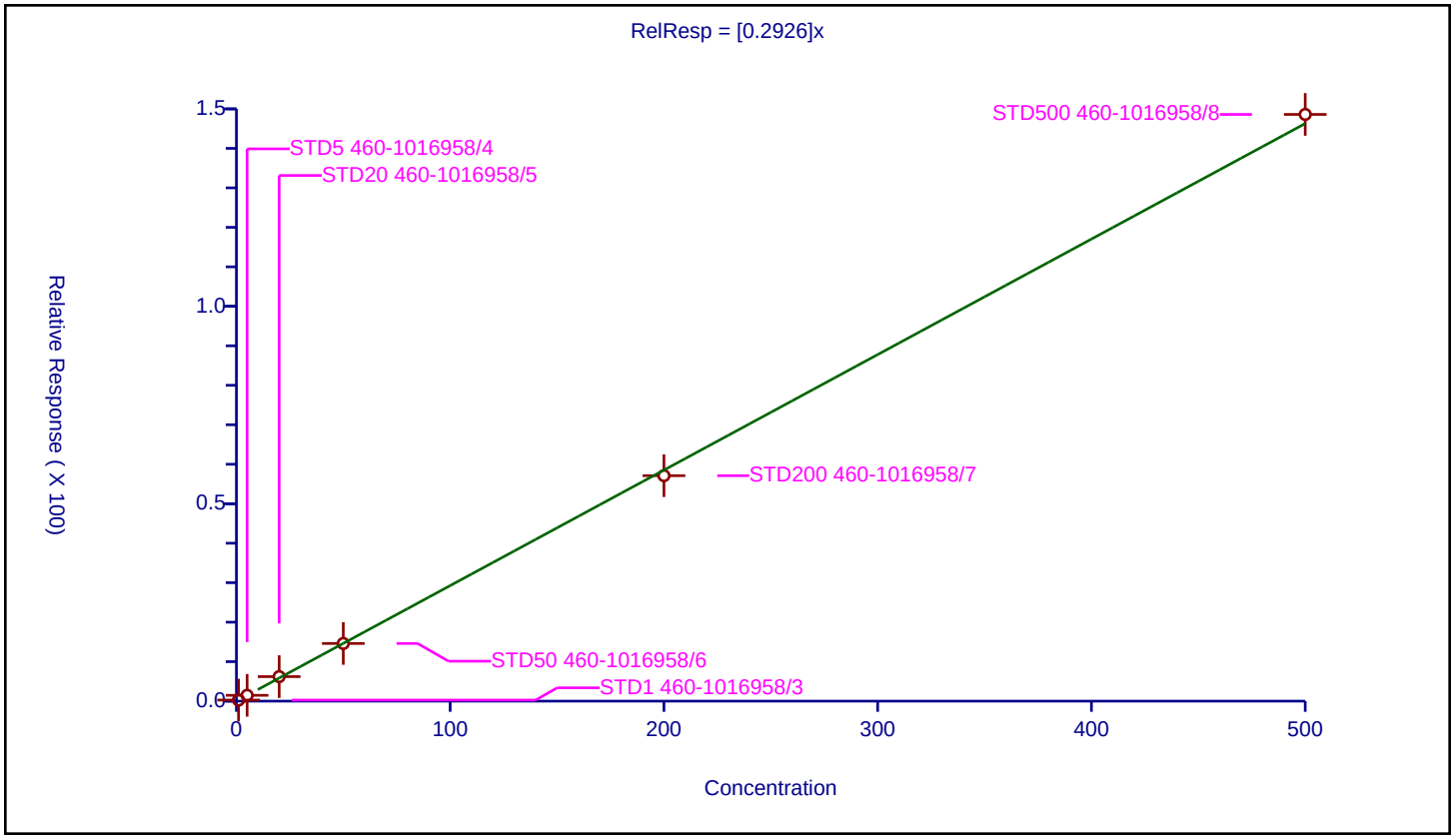
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2926 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.274815 | 50.0 | 580754.0 | 0.274815 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.477134 | 50.0 | 577165.0 | 0.295427 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.20831 | 50.0 | 597119.0 | 0.310416 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 14.604727 | 50.0 | 593527.0 | 0.292095 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 57.105406 | 50.0 | 694232.0 | 0.285527 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 148.595577 | 50.0 | 749774.0 | 0.297191 | Y |



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## Calibration / 2,2-Dichloropropane

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

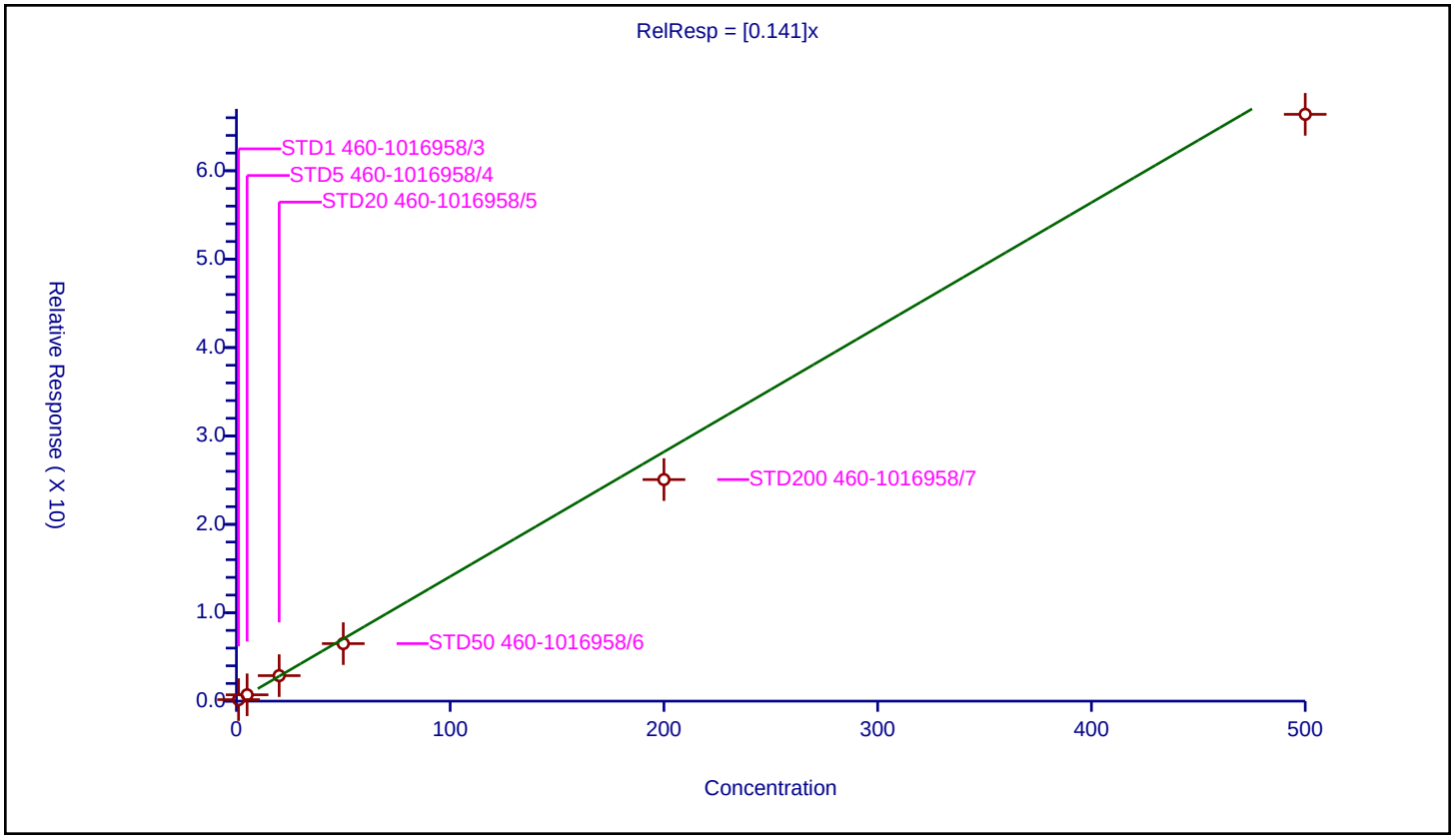
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.141 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.17021 | 50.0 | 580754.0 | 0.17021 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.717213 | 50.0 | 577165.0 | 0.143443 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 2.883596 | 50.0 | 597119.0 | 0.14418 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 6.507118 | 50.0 | 593527.0 | 0.130142 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 25.064244 | 50.0 | 694232.0 | 0.125321 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 66.384871 | 50.0 | 749774.0 | 0.13277 | Y |



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## Calibration / 2-Butanone (MEK)

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

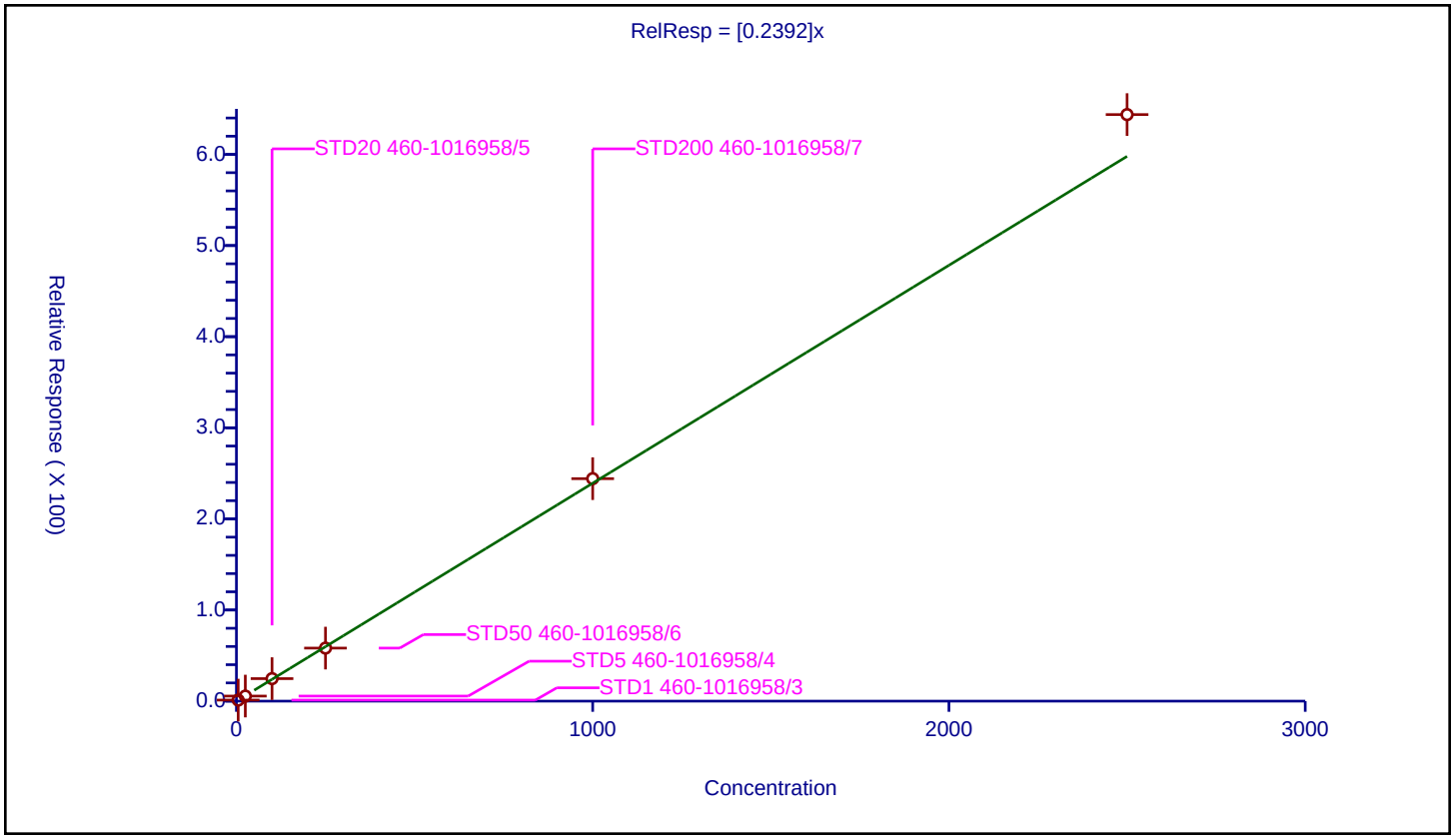
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2392 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 5.0 | 1.155254 | 250.0 | 431074.0 | 0.231051 | Y |
| 2 | STD5 460-1016958/4 | 25.0 | 5.555543 | 250.0 | 460666.0 | 0.222222 | Y |
| 3 | STD20 460-1016958/5 | 100.0 | 24.721992 | 250.0 | 453584.0 | 0.24722 | Y |
| 4 | STD50 460-1016958/6 | 250.0 | 58.219001 | 250.0 | 443807.0 | 0.232876 | Y |
| 5 | STD200 460-1016958/7 | 1000.0 | 244.179369 | 250.0 | 500676.0 | 0.244179 | Y |
| 6 | STD500 460-1016958/8 | 2500.0 | 643.733477 | 250.0 | 548470.0 | 0.257493 | Y |



## Calibration / Propionitrile

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

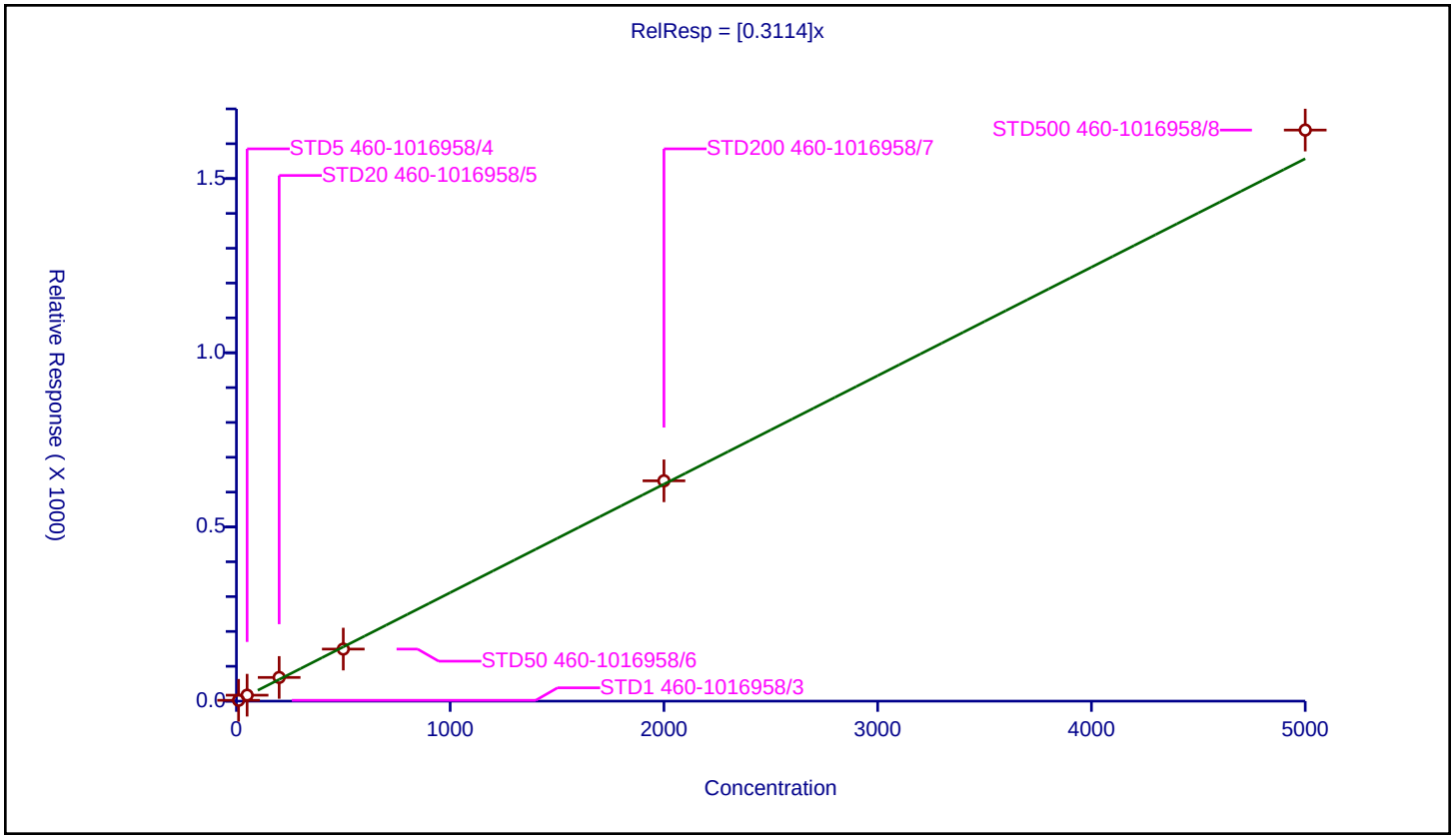
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3114 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 2.442156 | 250.0 | 431074.0 | 0.244216 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 17.055198 | 250.0 | 460666.0 | 0.341104 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 68.028193 | 250.0 | 453584.0 | 0.340141 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 149.443902 | 250.0 | 443807.0 | 0.298888 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 632.430454 | 250.0 | 500676.0 | 0.316215 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 1639.245993 | 250.0 | 548470.0 | 0.327849 | Y |



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## Calibration / Ethyl acetate

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

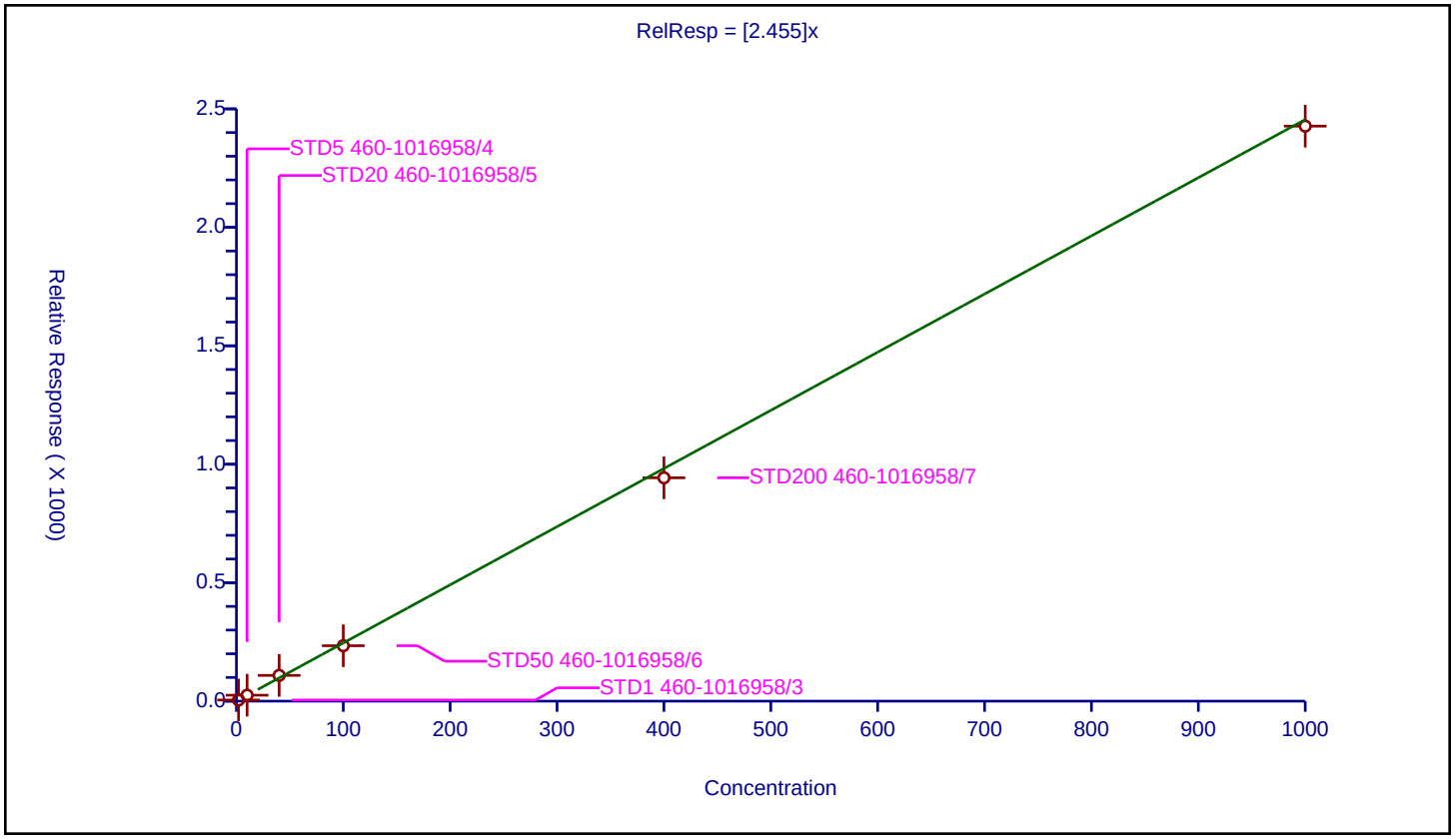
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.455 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 4.745705 | 250.0 | 431074.0 | 2.372852 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 25.162482 | 250.0 | 460666.0 | 2.516248 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 108.701475 | 250.0 | 453584.0 | 2.717537 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 233.901223 | 250.0 | 443807.0 | 2.339012 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 942.7514 | 250.0 | 500676.0 | 2.356879 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 2427.192918 | 250.0 | 548470.0 | 2.427193 | Y |



## Calibration / Methyl acrylate

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

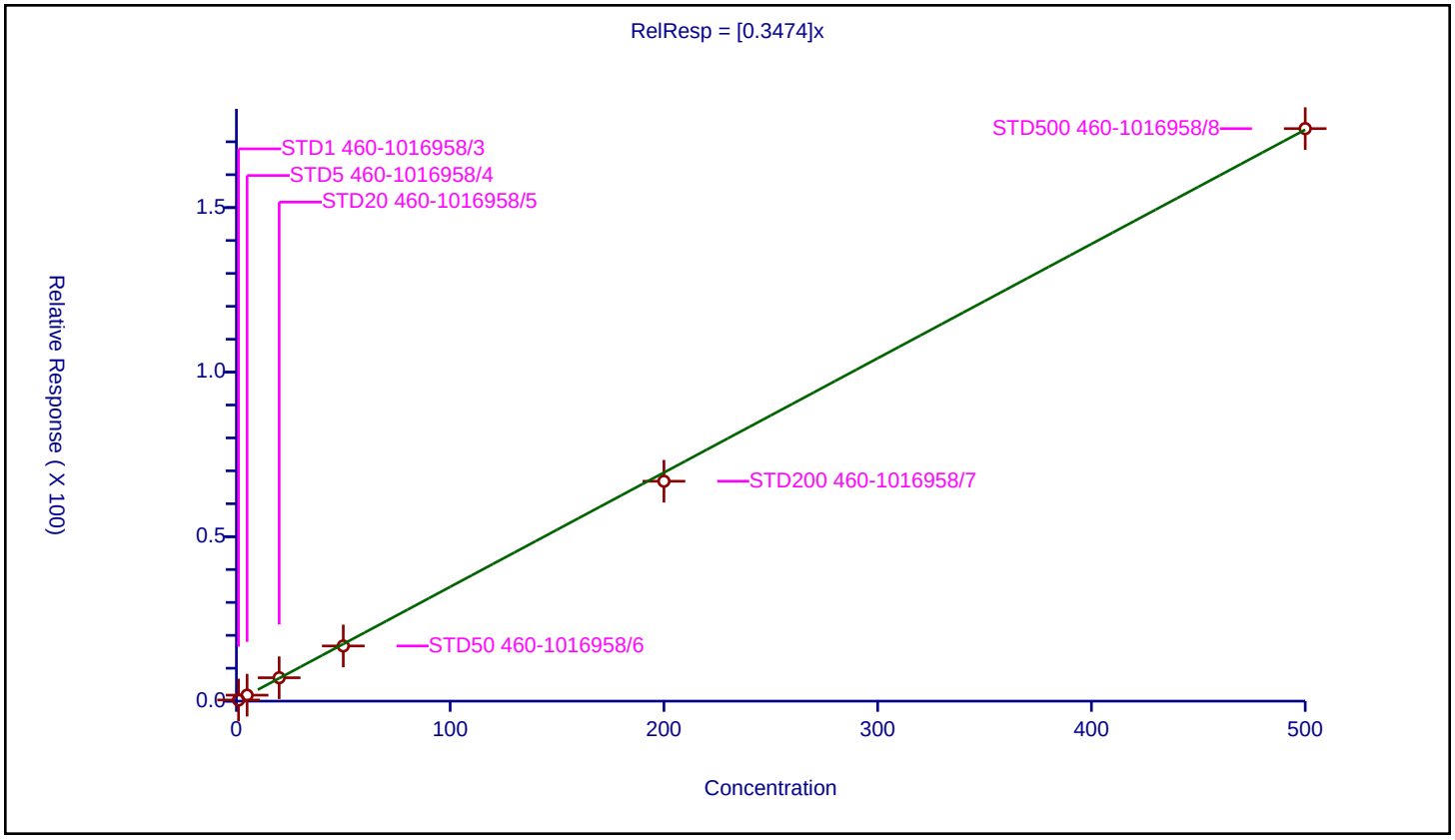
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.347738 | 50.0 | 580754.0 | 0.347738 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.816205 | 50.0 | 577165.0 | 0.363241 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.112653 | 50.0 | 597119.0 | 0.355633 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.766213 | 50.0 | 593527.0 | 0.335324 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 66.837095 | 50.0 | 694232.0 | 0.334185 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 174.003366 | 50.0 | 749774.0 | 0.348007 | Y |



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## Calibration / Chlorobromomethane

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

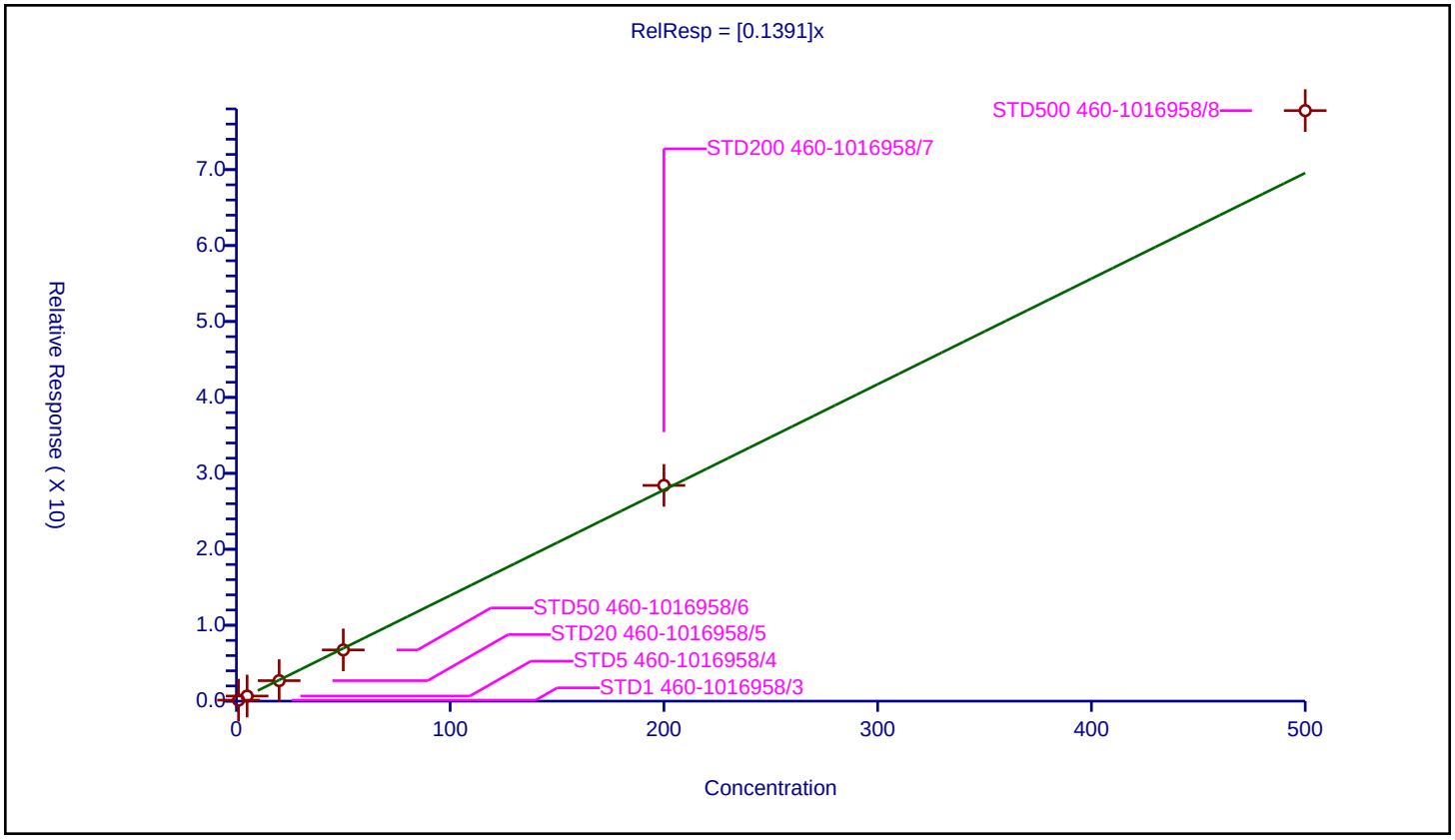
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1391 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.133103 | 50.0 | 580754.0 | 0.133103 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.670346 | 50.0 | 577165.0 | 0.134069 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 2.700634 | 50.0 | 597119.0 | 0.135032 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 6.744091 | 50.0 | 593527.0 | 0.134882 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 28.410171 | 50.0 | 694232.0 | 0.142051 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 77.772302 | 50.0 | 749774.0 | 0.155545 | Y |



## Calibration / Methacrylonitrile

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

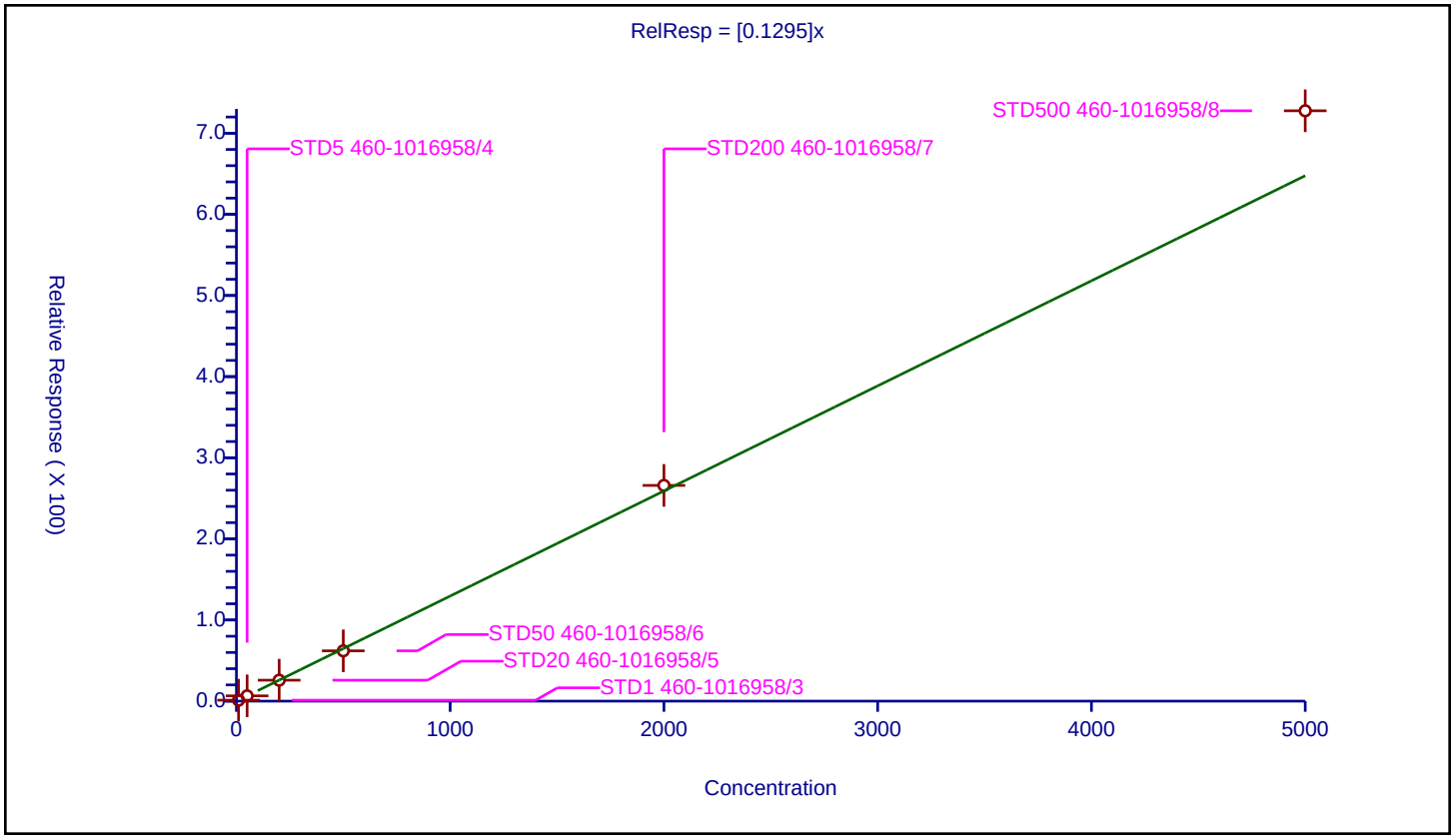
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1295 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 10.0 | 1.15505 | 50.0 | 580754.0 | 0.115505 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 6.503166 | 50.0 | 577165.0 | 0.130063 | Y |
| 3 | STD20 460-1016958/5 | 200.0 | 25.825757 | 50.0 | 597119.0 | 0.129129 | Y |
| 4 | STD50 460-1016958/6 | 500.0 | 61.996758 | 50.0 | 593527.0 | 0.123994 | Y |
| 5 | STD200 460-1016958/7 | 2000.0 | 265.882155 | 50.0 | 694232.0 | 0.132941 | Y |
| 6 | STD500 460-1016958/8 | 5000.0 | 727.674139 | 50.0 | 749774.0 | 0.145535 | Y |



## Calibration / Tetrahydrofuran

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

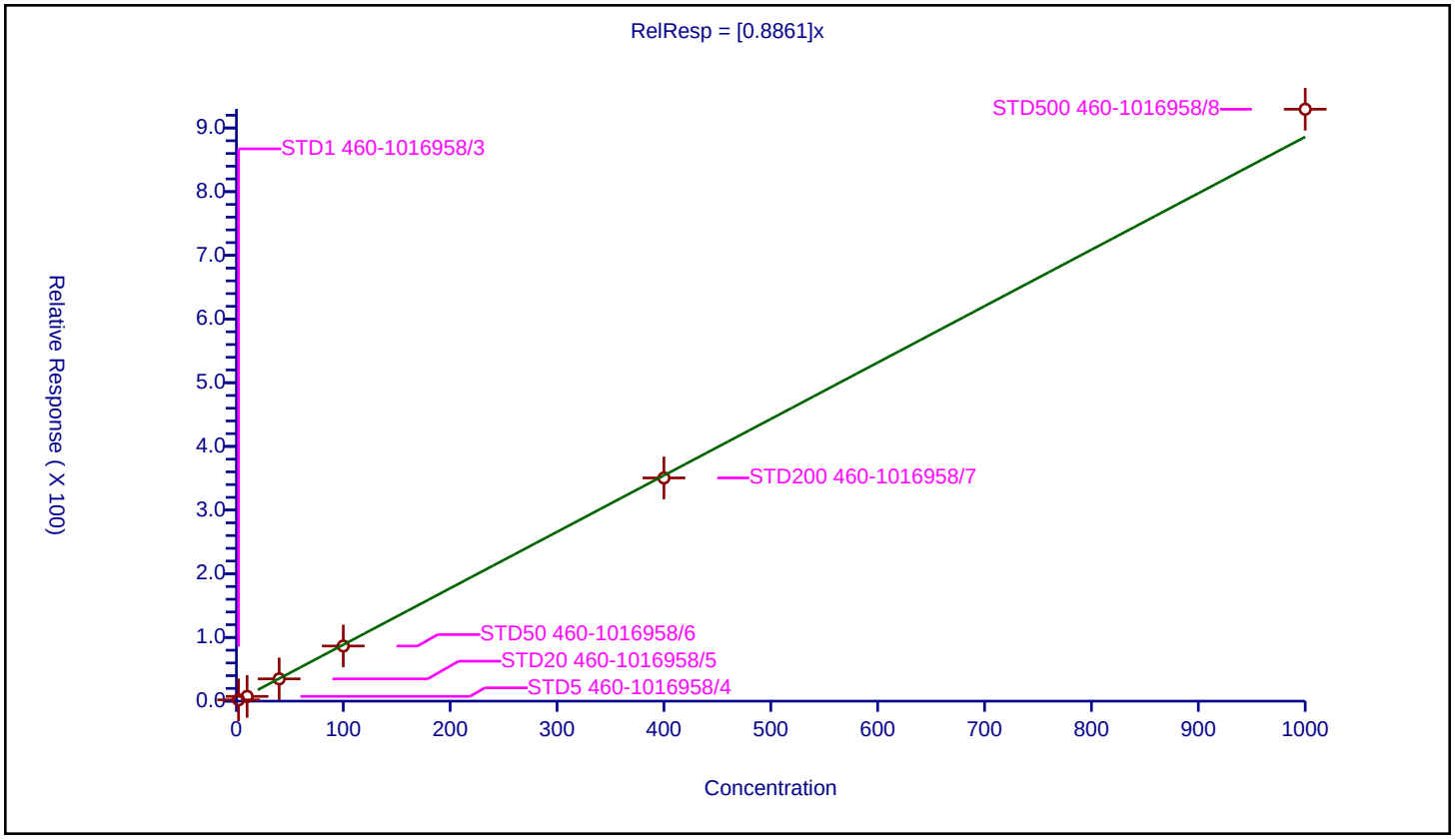
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8861 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 2.047792 | 250.0 | 431074.0 | 1.023896 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 7.465279 | 250.0 | 460666.0 | 0.746528 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 34.994621 | 250.0 | 453584.0 | 0.874866 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 86.549446 | 250.0 | 443807.0 | 0.865494 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 350.500124 | 250.0 | 500676.0 | 0.87625 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 929.450107 | 250.0 | 548470.0 | 0.92945 | Y |



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## Calibration / Chloroform

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

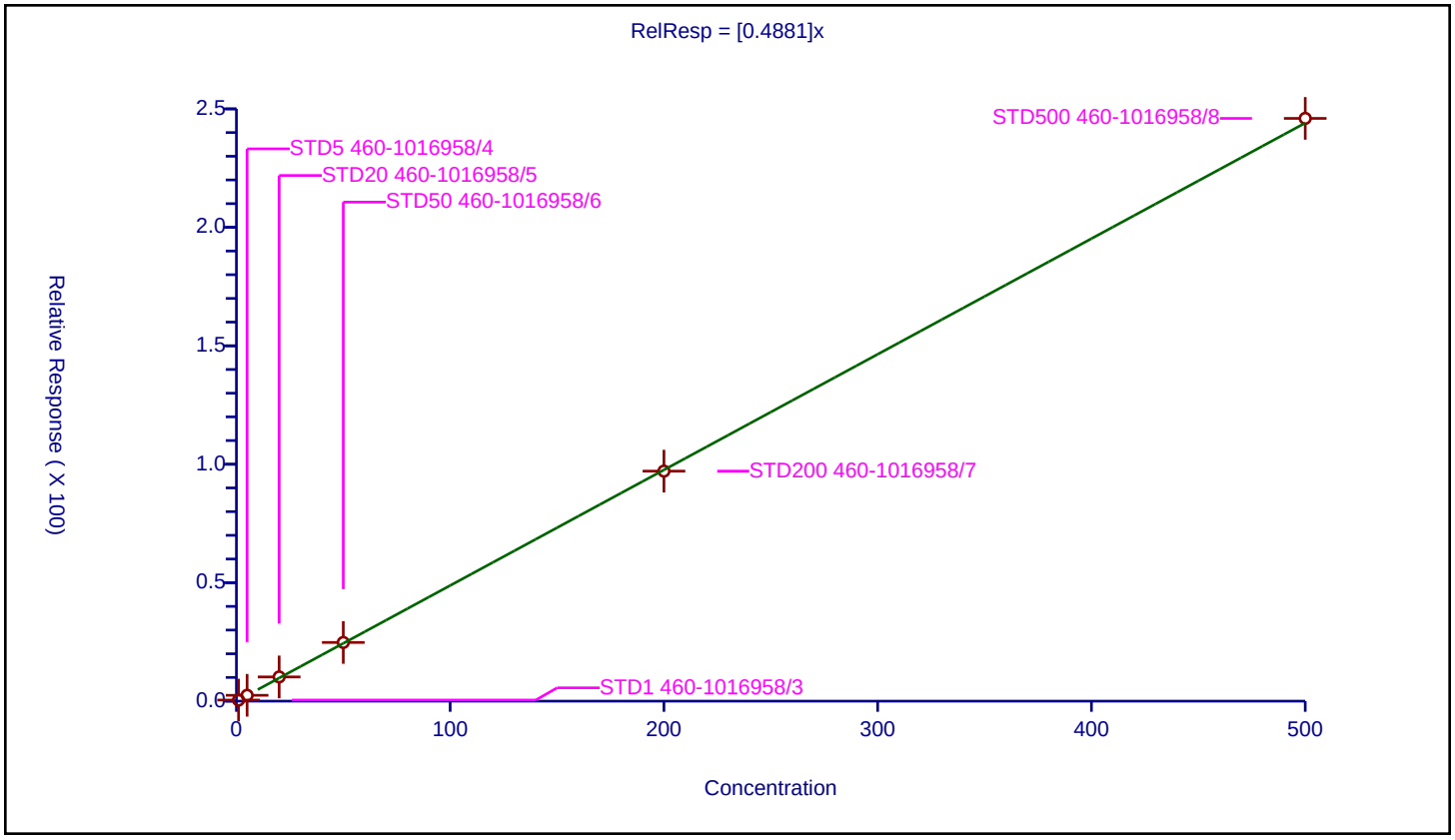
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4881 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.450879 | 50.0 | 580754.0 | 0.450879 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.466539 | 50.0 | 577165.0 | 0.493308 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 10.226605 | 50.0 | 597119.0 | 0.51133 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 24.774273 | 50.0 | 593527.0 | 0.495485 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 97.100033 | 50.0 | 694232.0 | 0.4855 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 245.986991 | 50.0 | 749774.0 | 0.491974 | Y |



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## Calibration / Dibromofluoromethane (Surr)

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

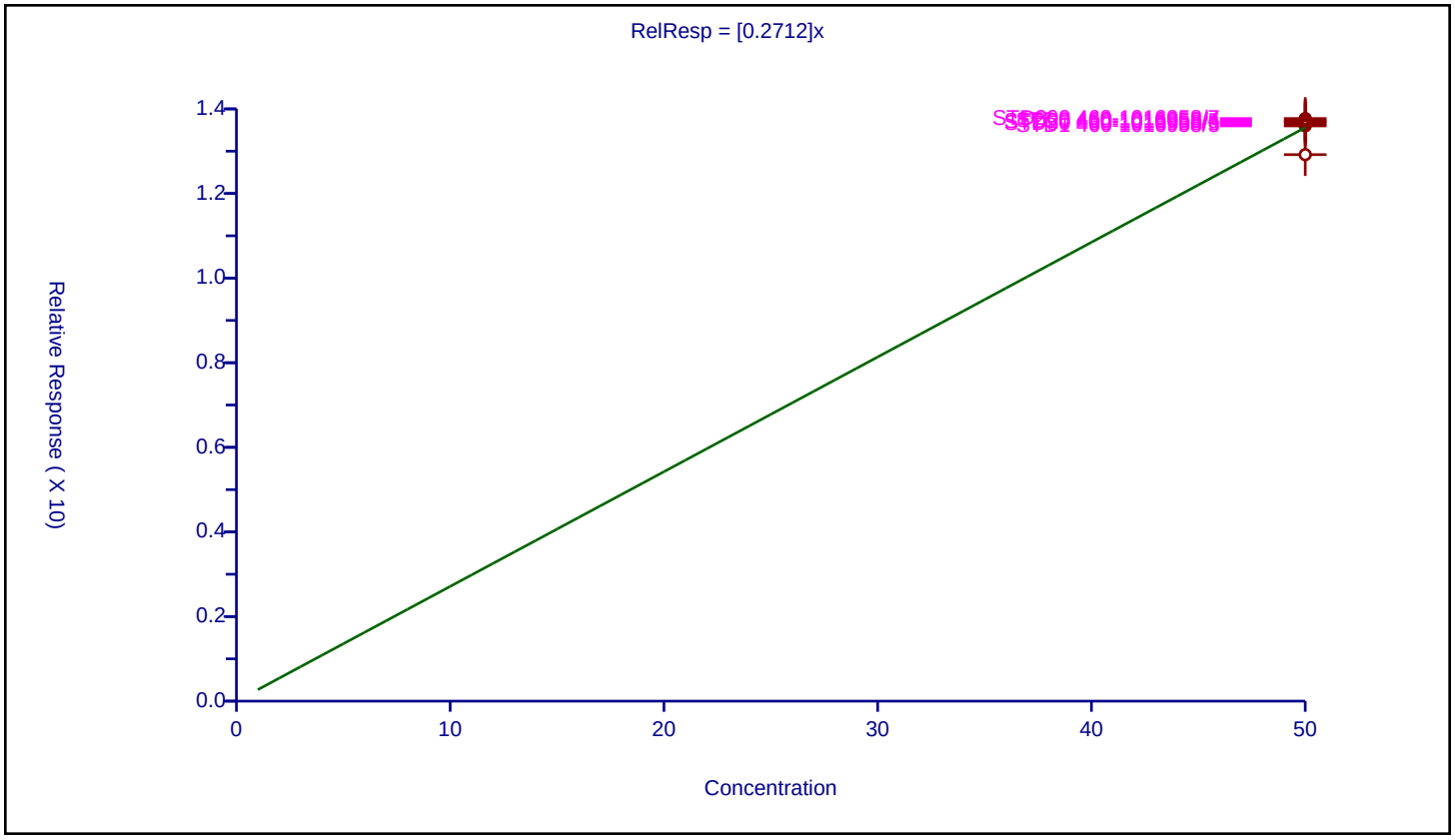
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2712 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 50.0 | 13.597582 | 50.0 | 580754.0 | 0.271952 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 13.719214 | 50.0 | 577165.0 | 0.274384 | Y |
| 3 | STD20 460-1016958/5 | 50.0 | 13.696851 | 50.0 | 597119.0 | 0.273937 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 13.64622 | 50.0 | 593527.0 | 0.272924 | Y |
| 5 | STD200 460-1016958/7 | 50.0 | 13.772125 | 50.0 | 694232.0 | 0.275443 | Y |
| 6 | STD500 460-1016958/8 | 50.0 | 12.918359 | 50.0 | 749774.0 | 0.258367 | Y |



## Calibration / 1,1,1-Trichloroethane

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

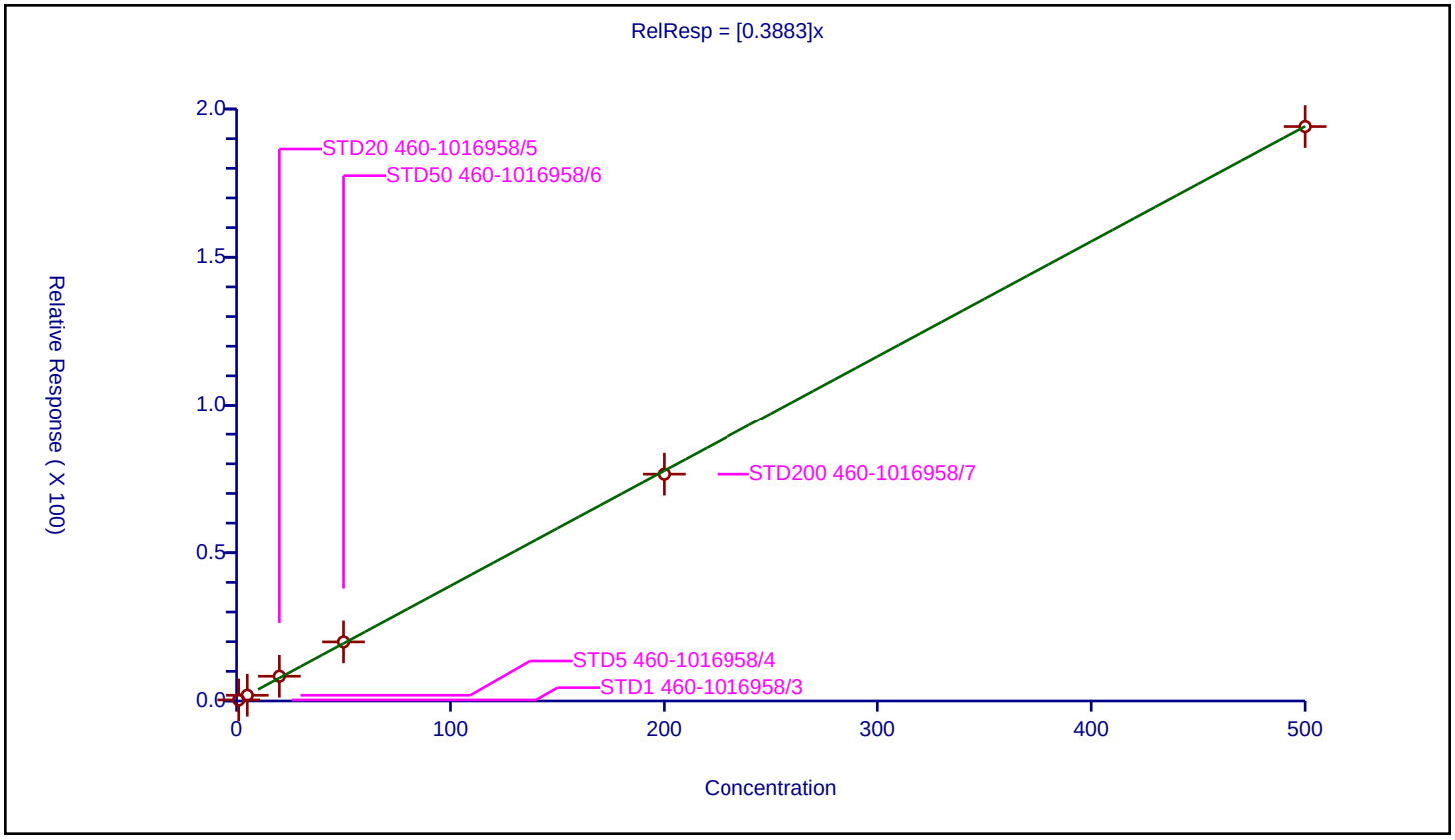
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3883 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.357552 | 50.0 | 580754.0 | 0.357552 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.927179 | 50.0 | 577165.0 | 0.385436 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.355453 | 50.0 | 597119.0 | 0.417773 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 19.922935 | 50.0 | 593527.0 | 0.398459 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 76.512247 | 50.0 | 694232.0 | 0.382561 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 194.086685 | 50.0 | 749774.0 | 0.388173 | Y |



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## Calibration / Cyclohexane

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

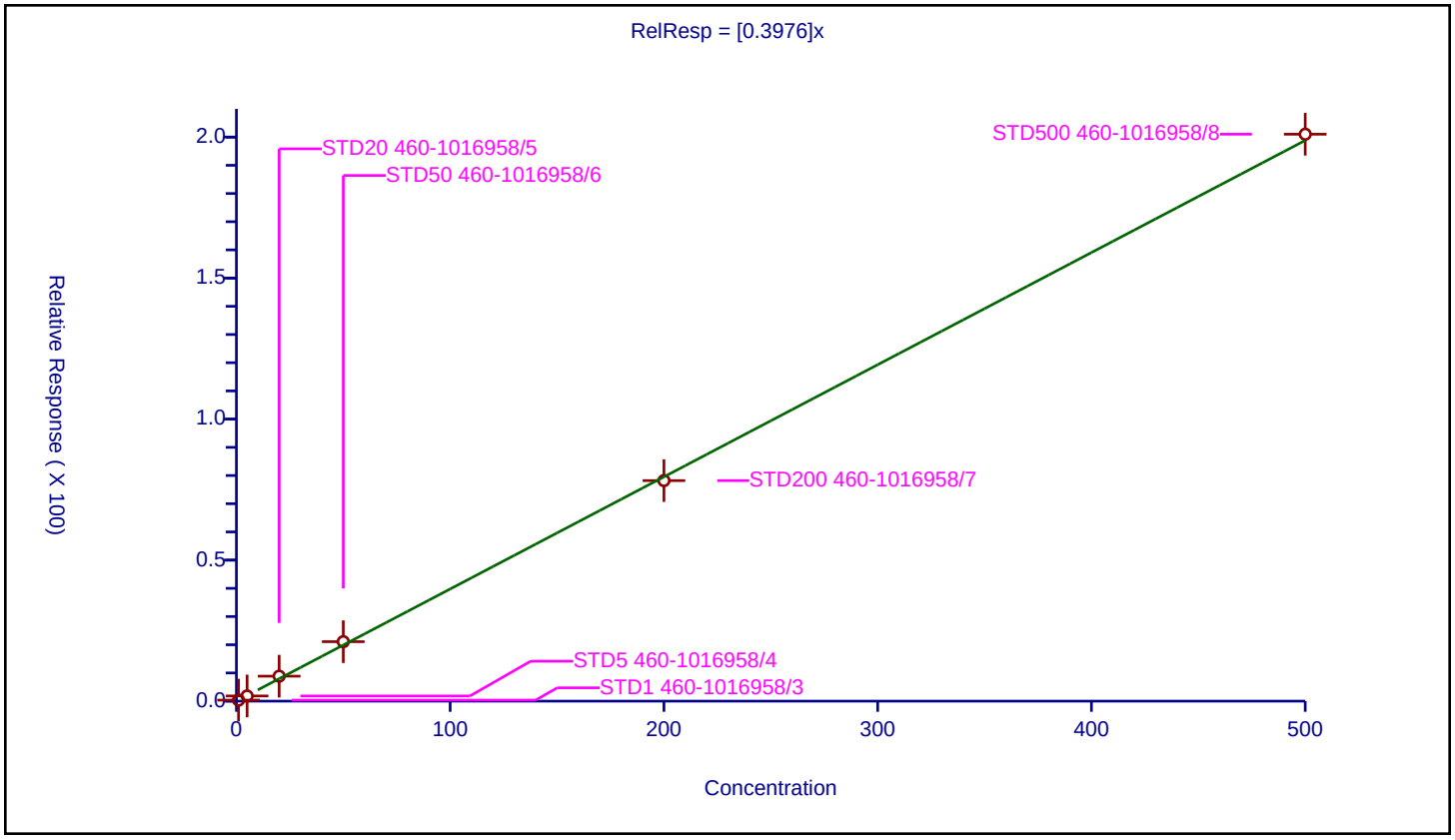
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3976 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.361599 | 50.0 | 580754.0 | 0.361599 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.834831 | 50.0 | 577165.0 | 0.366966 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.849995 | 50.0 | 597119.0 | 0.4425 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 21.086151 | 50.0 | 593527.0 | 0.421723 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 78.204116 | 50.0 | 694232.0 | 0.391021 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 201.014772 | 50.0 | 749774.0 | 0.40203 | Y |



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## Calibration / 1,1-Dichloropropene

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

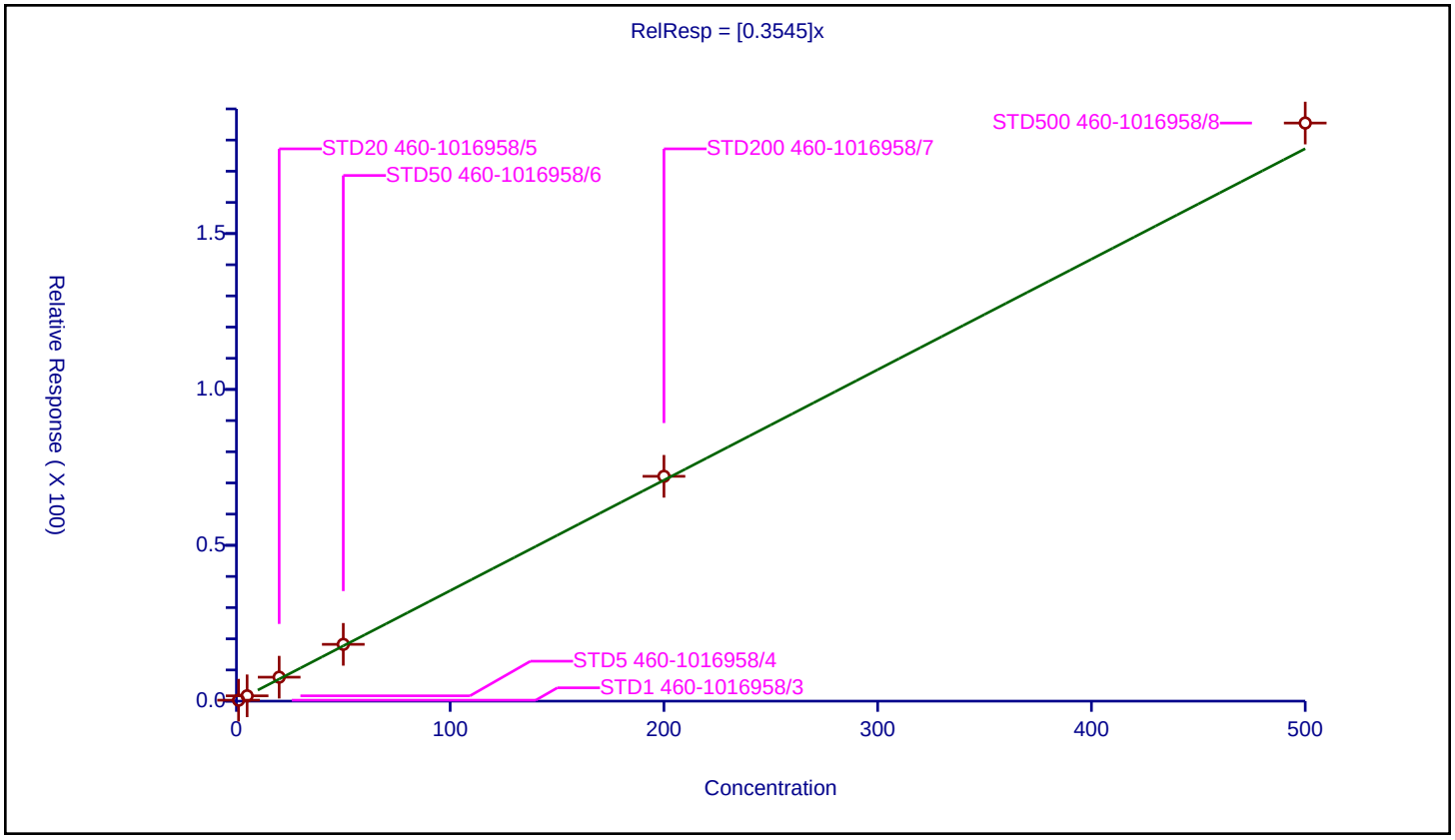
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3545 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.306068 | 50.0 | 580754.0 | 0.306068 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.703066 | 50.0 | 577165.0 | 0.340613 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.681718 | 50.0 | 597119.0 | 0.384086 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 18.221496 | 50.0 | 593527.0 | 0.36443 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 72.131146 | 50.0 | 694232.0 | 0.360656 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 185.461086 | 50.0 | 749774.0 | 0.370922 | Y |



## Calibration / Carbon tetrachloride

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

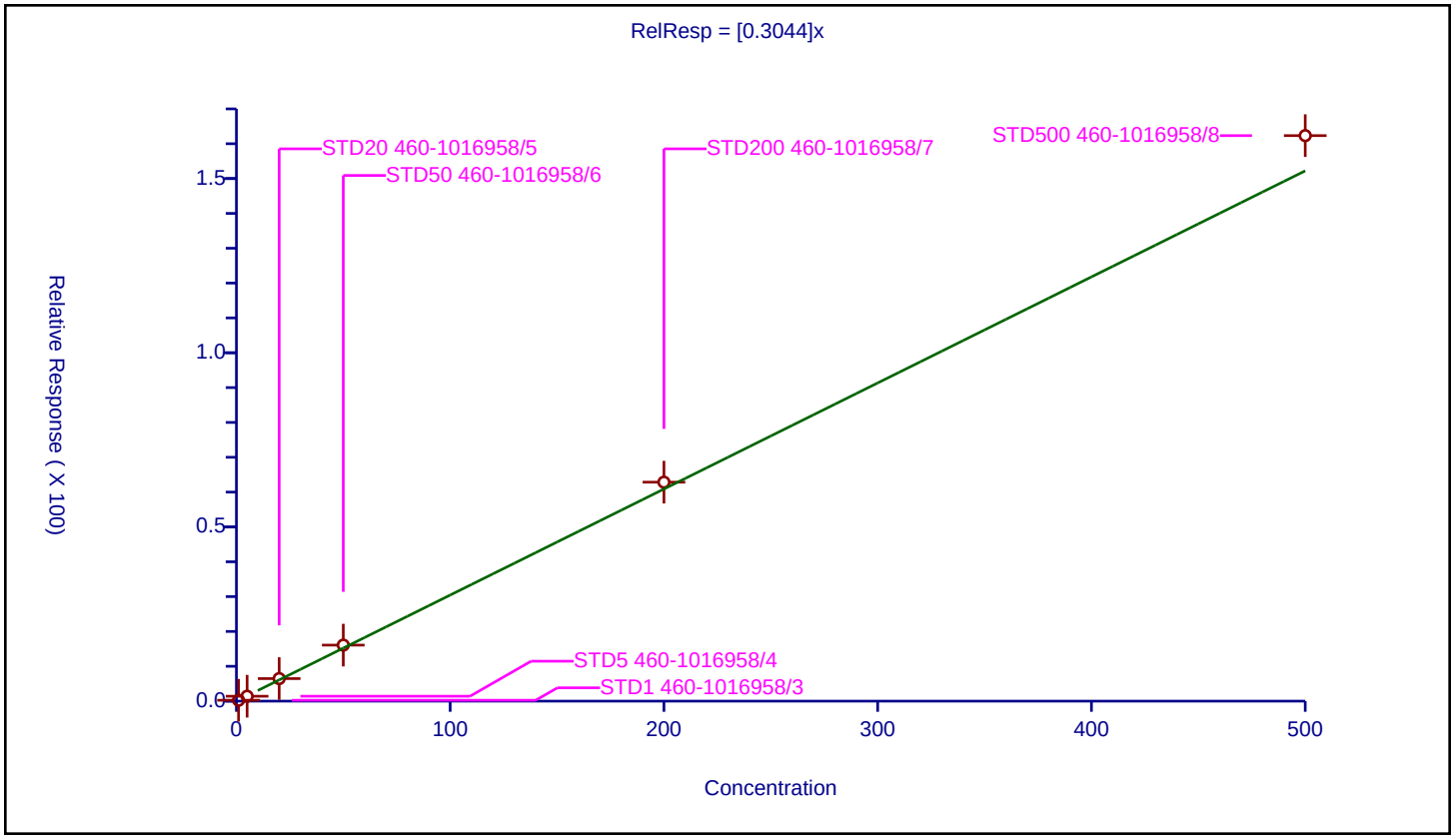
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3044 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.25949 | 50.0 | 580754.0 | 0.25949 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.413807 | 50.0 | 577165.0 | 0.282761 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.474756 | 50.0 | 597119.0 | 0.323738 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.084188 | 50.0 | 593527.0 | 0.321684 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 62.857733 | 50.0 | 694232.0 | 0.314289 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 162.321113 | 50.0 | 749774.0 | 0.324642 | Y |



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## Calibration / 1,2-Dichloroethane-d4 (Surr)

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

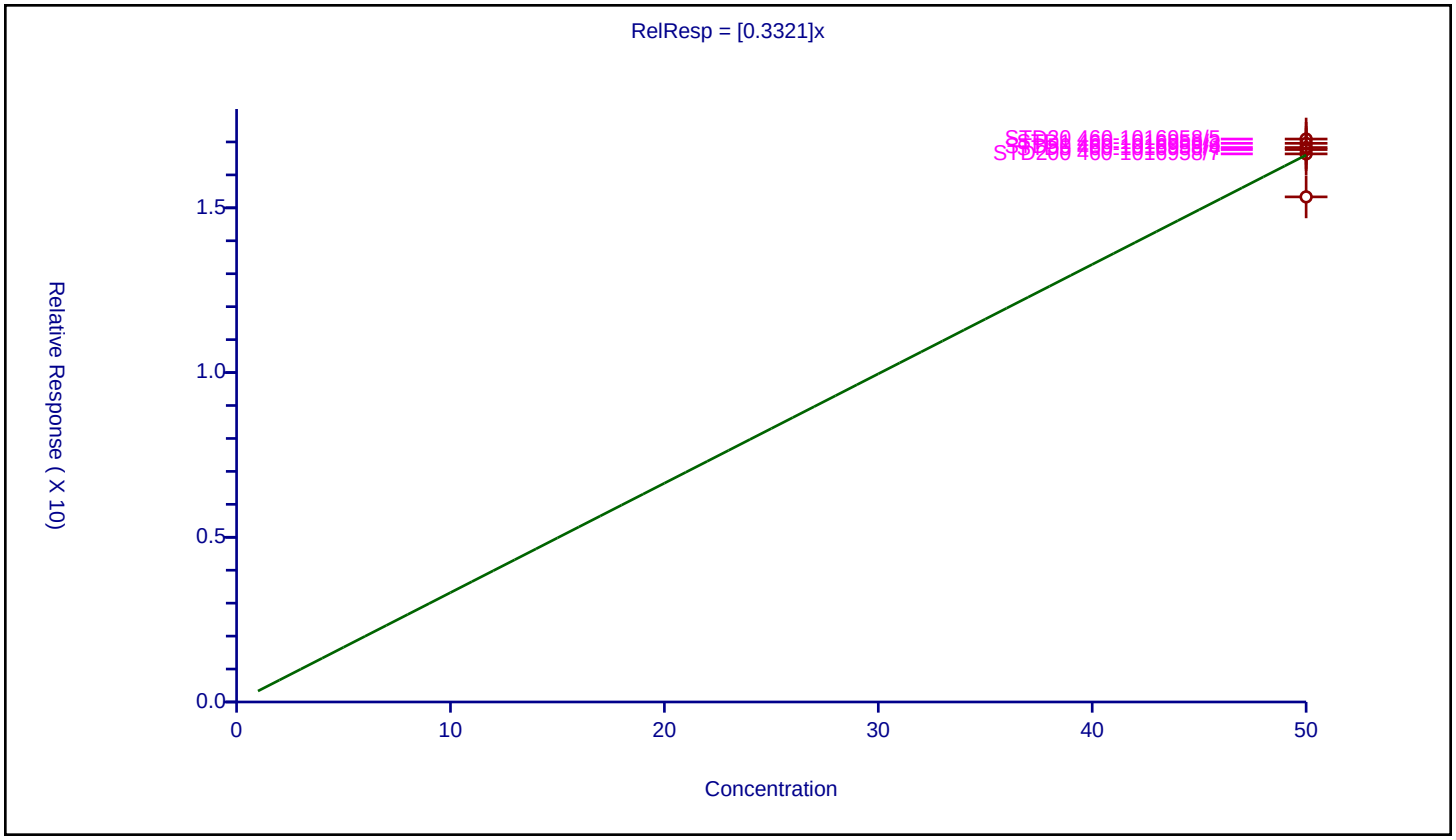
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3321 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 50.0 | 16.958127 | 50.0 | 580754.0 | 0.339163 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 16.768862 | 50.0 | 577165.0 | 0.335377 | Y |
| 3 | STD20 460-1016958/5 | 50.0 | 17.08847 | 50.0 | 597119.0 | 0.341769 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.830995 | 50.0 | 593527.0 | 0.33662 | Y |
| 5 | STD200 460-1016958/7 | 50.0 | 16.637306 | 50.0 | 694232.0 | 0.332746 | Y |
| 6 | STD500 460-1016958/8 | 50.0 | 15.332887 | 50.0 | 749774.0 | 0.306658 | Y |



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## Calibration / Benzene

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

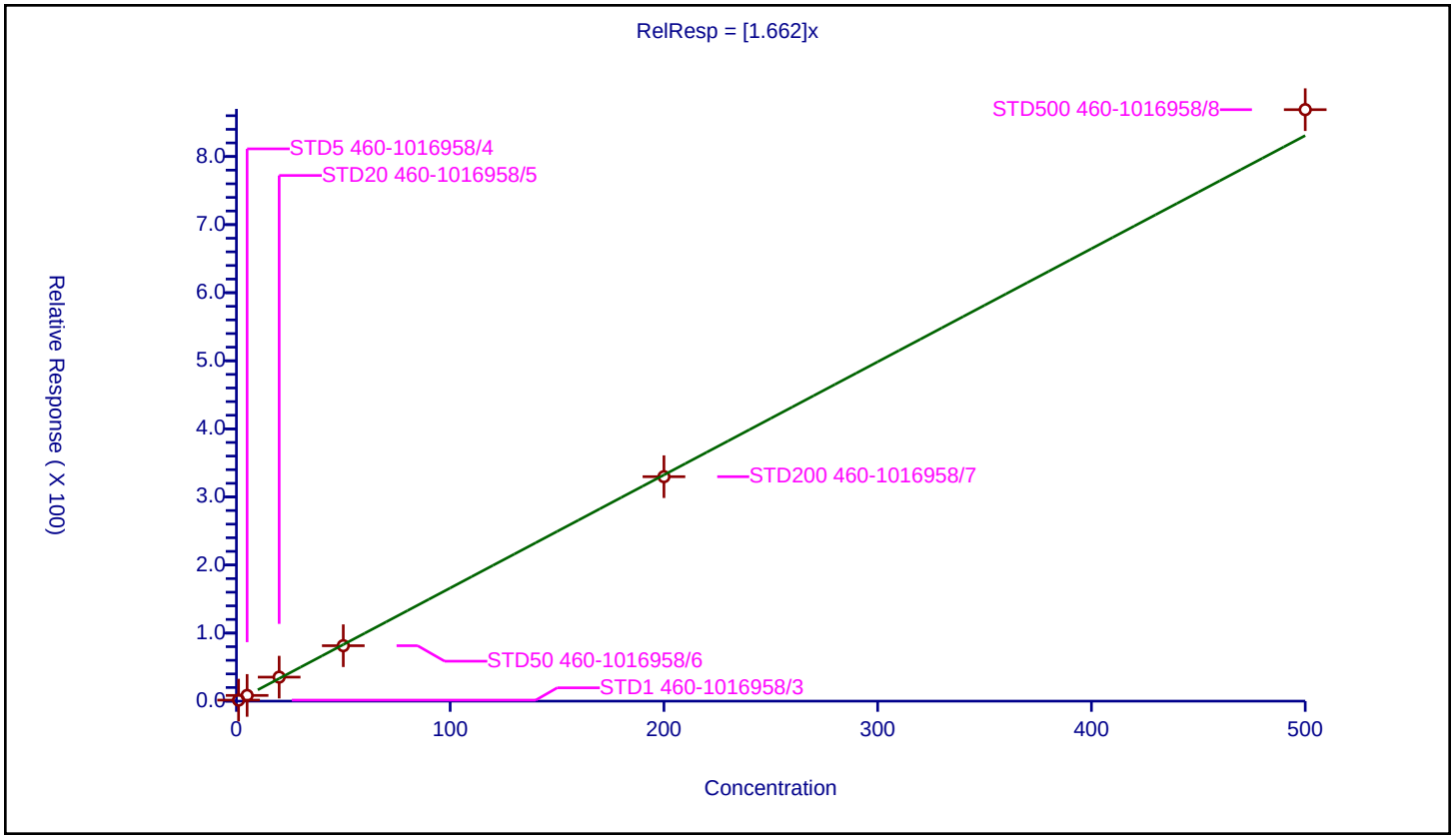
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.662 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.512589 | 50.0 | 360739.0 | 1.512589 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 8.391915 | 50.0 | 355628.0 | 1.678383 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 35.259541 | 50.0 | 370789.0 | 1.762977 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 81.456153 | 50.0 | 380118.0 | 1.629123 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 329.714989 | 50.0 | 441703.0 | 1.648575 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 868.873189 | 50.0 | 480764.0 | 1.737746 | Y |



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## Calibration / Isobutyl alcohol

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

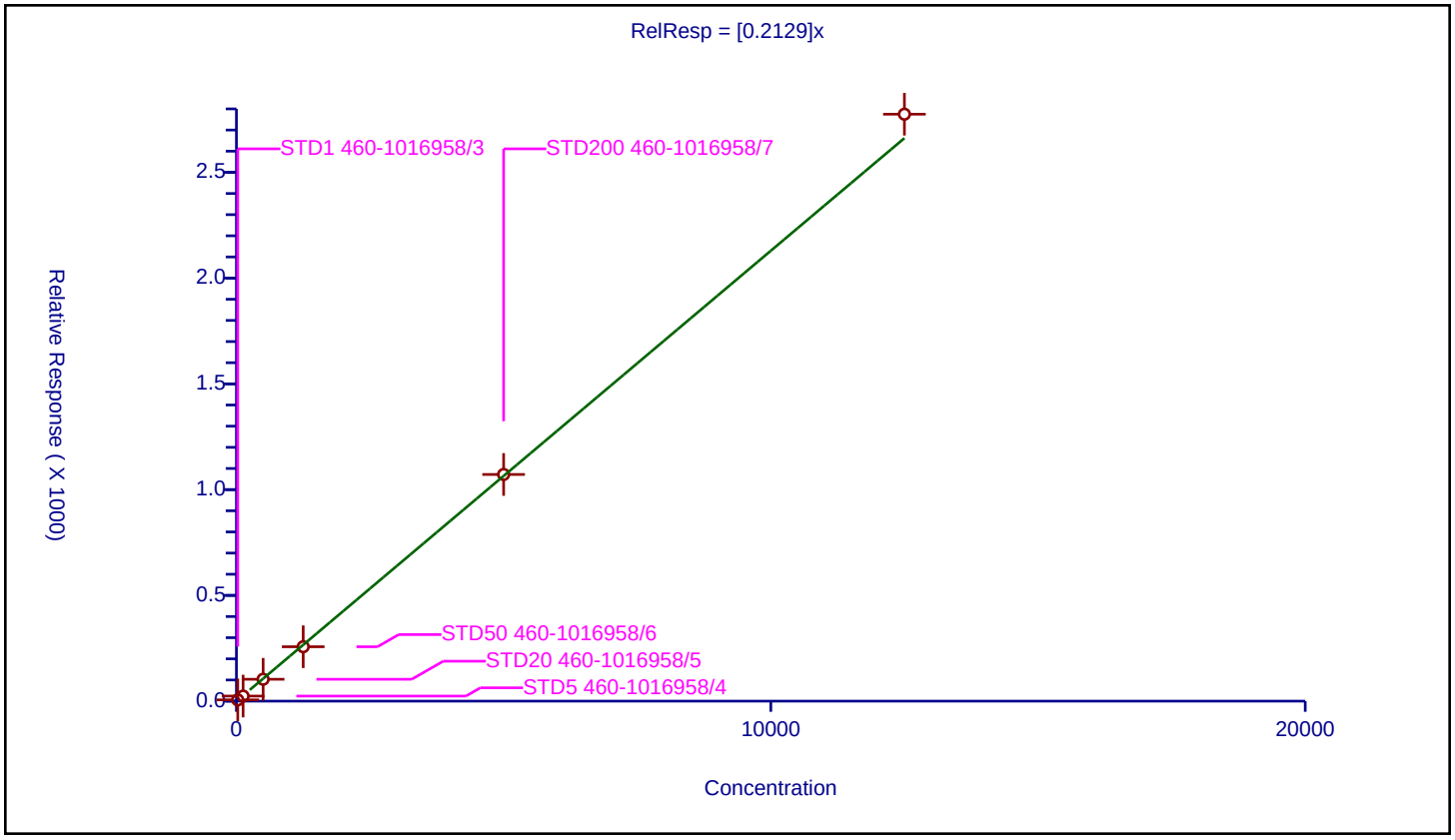
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2129 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 25.0 | 5.920636 | 1000.0 | 481705.0 | 0.236825 | Y |
| 2 | STD5 460-1016958/4 | 125.0 | 23.961102 | 1000.0 | 542546.0 | 0.191689 | Y |
| 3 | STD20 460-1016958/5 | 500.0 | 103.474039 | 1000.0 | 542078.0 | 0.206948 | Y |
| 4 | STD50 460-1016958/6 | 1250.0 | 257.242303 | 1000.0 | 519448.0 | 0.205794 | Y |
| 5 | STD200 460-1016958/7 | 5000.0 | 1071.649008 | 1000.0 | 540161.0 | 0.21433 | Y |
| 6 | STD500 460-1016958/8 | 12500.0 | 2774.937116 | 1000.0 | 620982.0 | 0.221995 | Y |



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## Calibration / 1,2-Dichloroethane

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

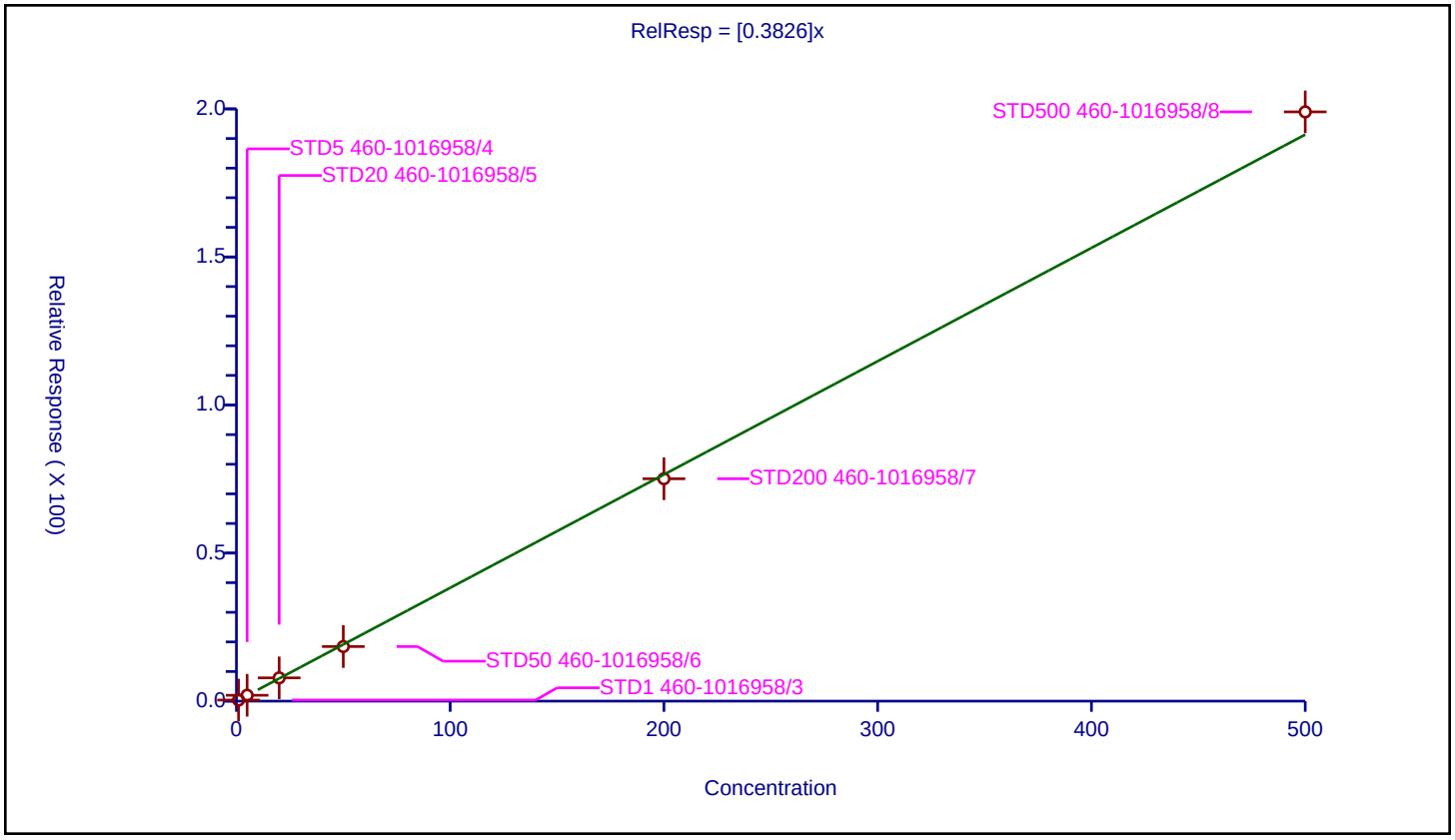
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3826 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.364354 | 50.0 | 580754.0 | 0.364354 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.981669 | 50.0 | 577165.0 | 0.396334 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.857312 | 50.0 | 597119.0 | 0.392866 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 18.438083 | 50.0 | 593527.0 | 0.368762 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 75.099823 | 50.0 | 694232.0 | 0.375499 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 198.995297 | 50.0 | 749774.0 | 0.397991 | Y |



## Calibration / Isooctane

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

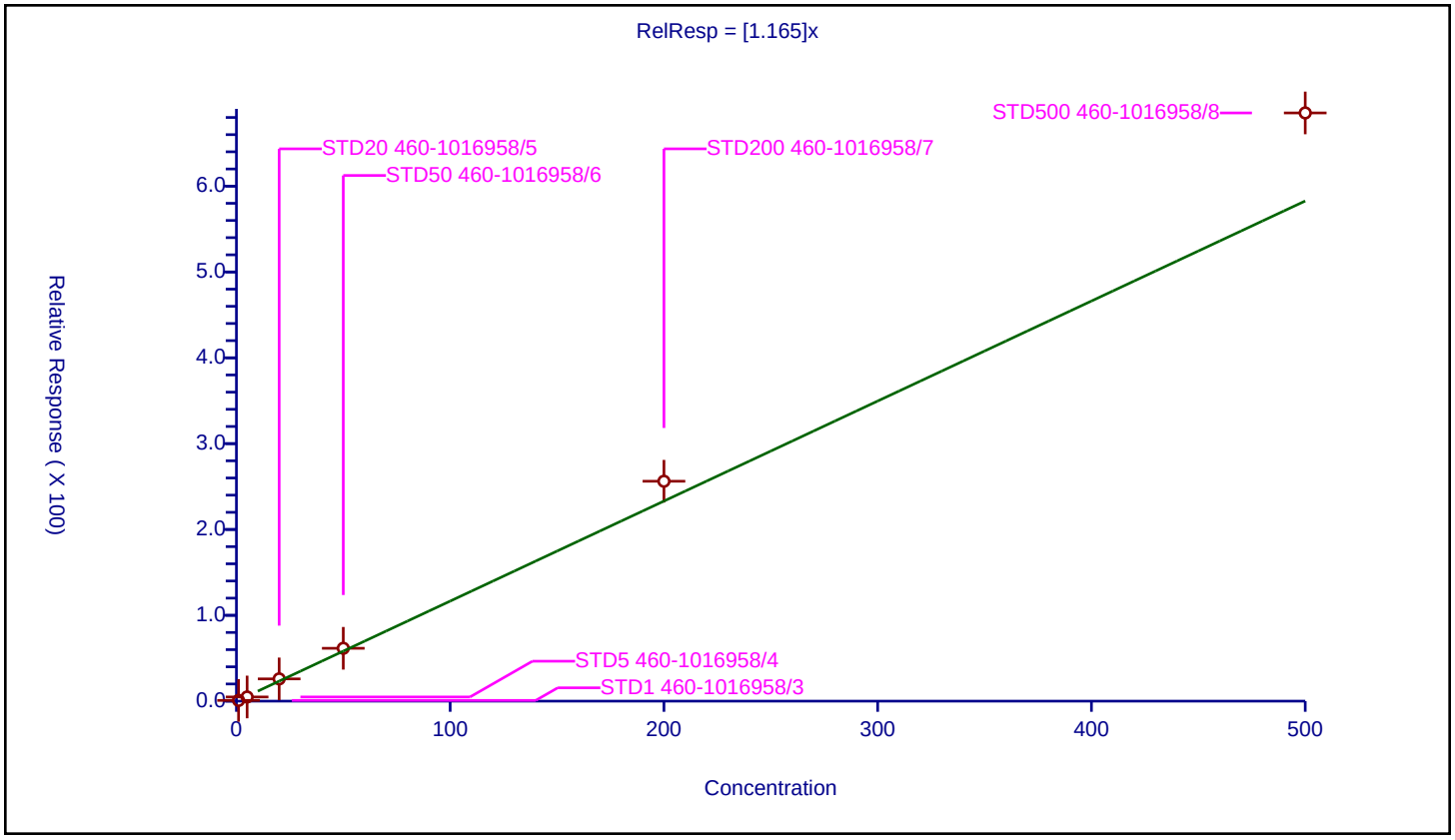
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.165 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.842612 | 50.0 | 580754.0 | 0.842612 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.848527 | 50.0 | 577165.0 | 0.969705 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 25.934529 | 50.0 | 597119.0 | 1.296726 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 61.591722 | 50.0 | 593527.0 | 1.231834 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 256.199801 | 50.0 | 694232.0 | 1.280999 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 685.287767 | 50.0 | 749774.0 | 1.370576 | Y |



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## Calibration / Isopropyl acetate

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

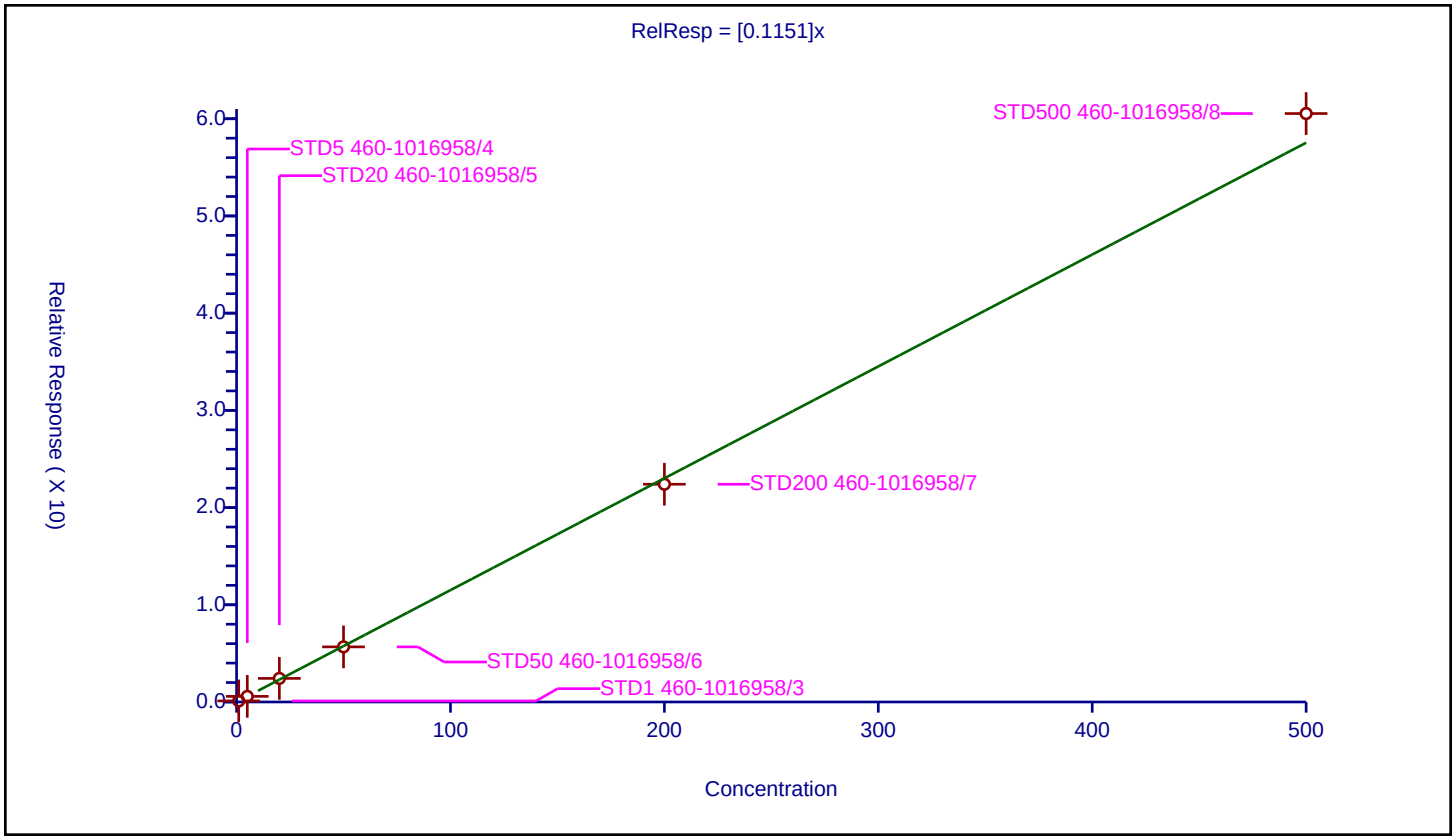
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1151 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.10736 | 50.0 | 580754.0 | 0.10736 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.576092 | 50.0 | 577165.0 | 0.115218 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 2.426401 | 50.0 | 597119.0 | 0.12132 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 5.669666 | 50.0 | 593527.0 | 0.113393 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 22.399933 | 50.0 | 694232.0 | 0.112 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 60.533574 | 50.0 | 749774.0 | 0.121067 | Y |



## Calibration / Tert-amyl methyl ether

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

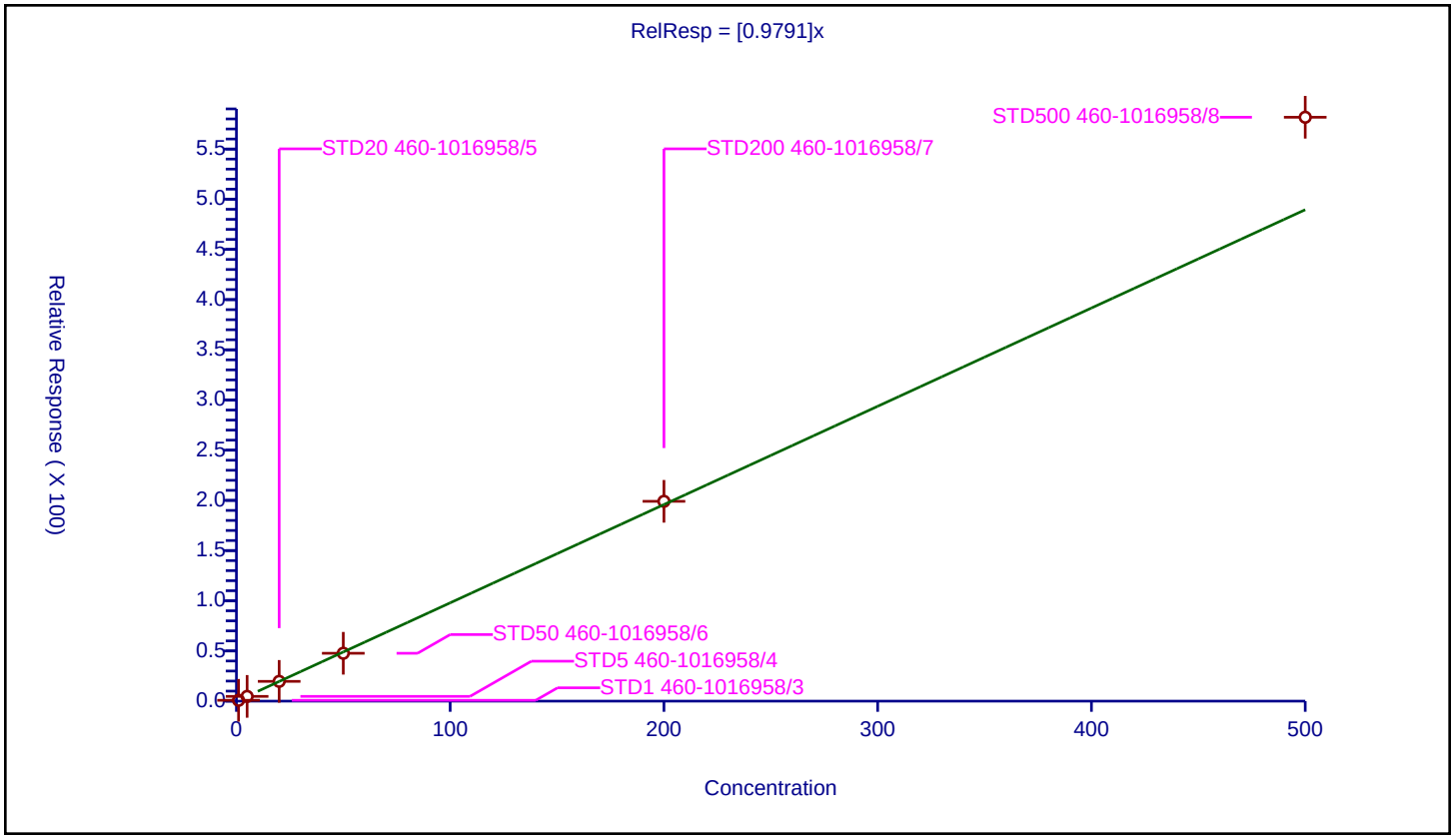
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9791 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.831075 | 50.0 | 580754.0 | 0.831075 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.72967 | 50.0 | 577165.0 | 0.945934 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 19.700679 | 50.0 | 597119.0 | 0.985034 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 47.702885 | 50.0 | 593527.0 | 0.954058 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 199.055143 | 50.0 | 694232.0 | 0.995276 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 581.658273 | 50.0 | 749774.0 | 1.163317 | Y |



## Calibration / n-Heptane

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

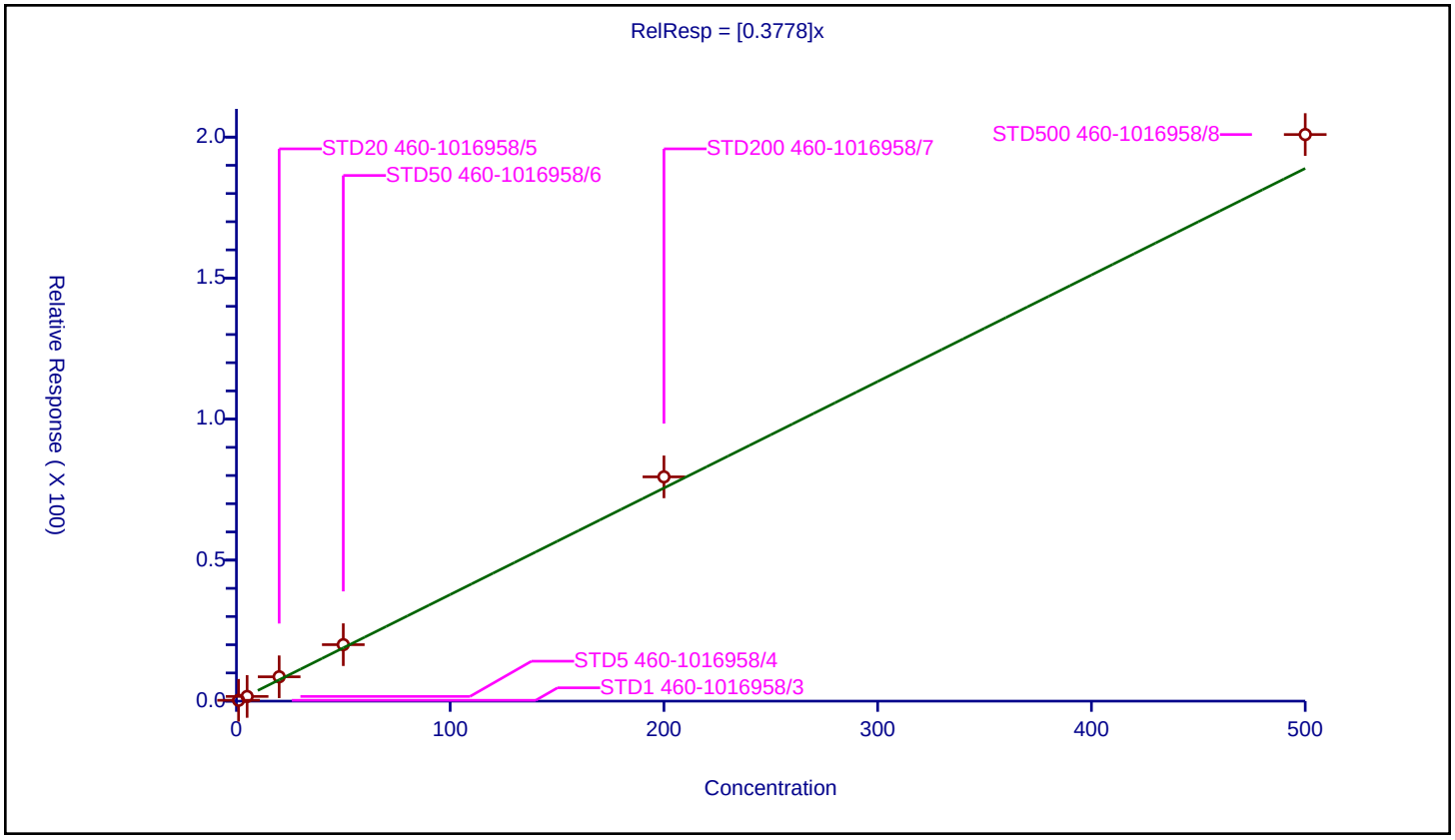
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3778 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.300471 | 50.0 | 580754.0 | 0.300471 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.671446 | 50.0 | 577165.0 | 0.334289 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.64007 | 50.0 | 597119.0 | 0.432004 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 20.023436 | 50.0 | 593527.0 | 0.400469 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 79.521975 | 50.0 | 694232.0 | 0.39761 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 200.909874 | 50.0 | 749774.0 | 0.40182 | Y |



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## Calibration / Trichloroethene

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

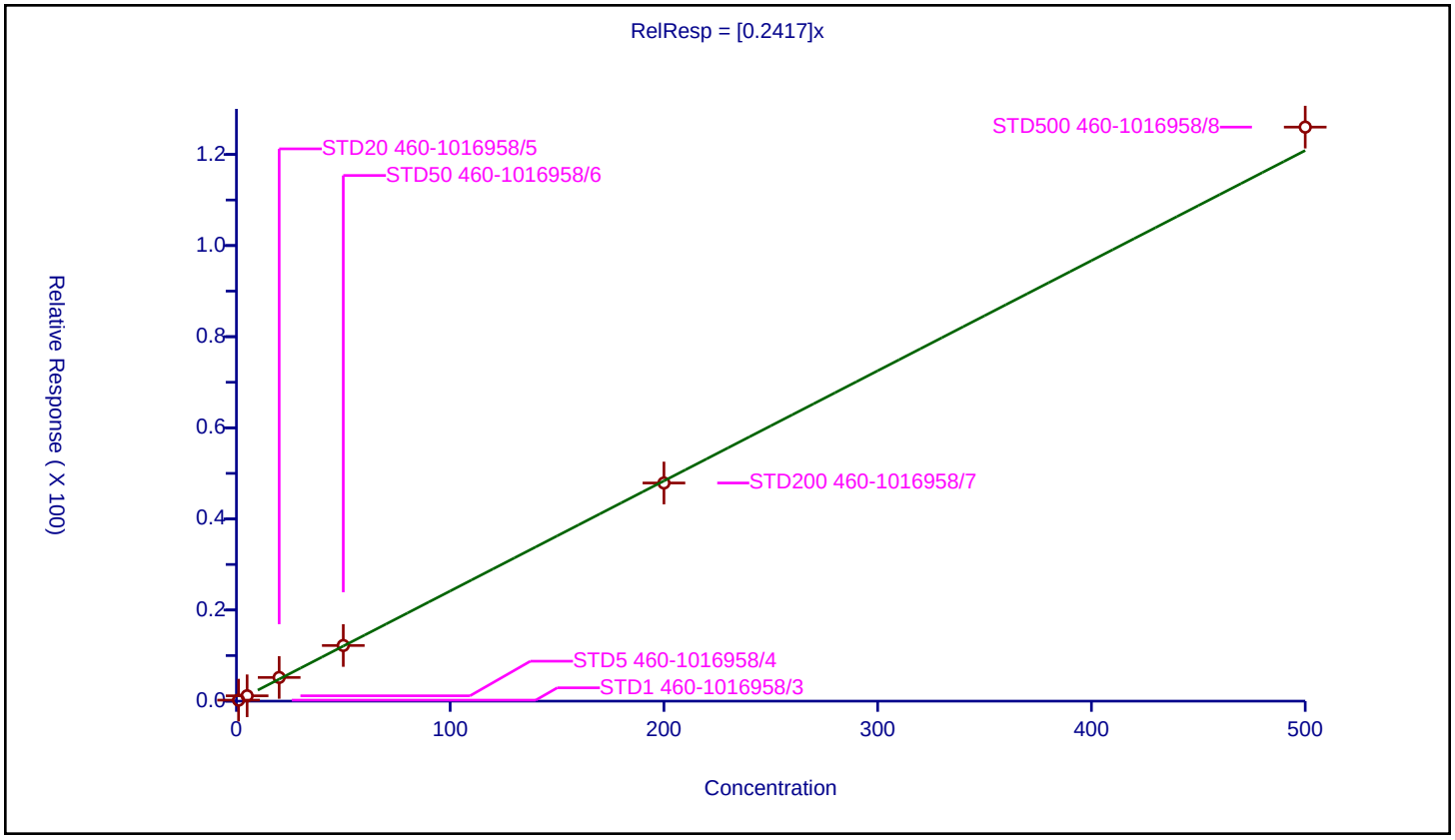
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2417 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.219714 | 50.0 | 580754.0 | 0.219714 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.174274 | 50.0 | 577165.0 | 0.234855 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.200806 | 50.0 | 597119.0 | 0.26004 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 12.218568 | 50.0 | 593527.0 | 0.244371 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 47.880824 | 50.0 | 694232.0 | 0.239404 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 125.998968 | 50.0 | 749774.0 | 0.251998 | Y |



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## Calibration / n-Butanol

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

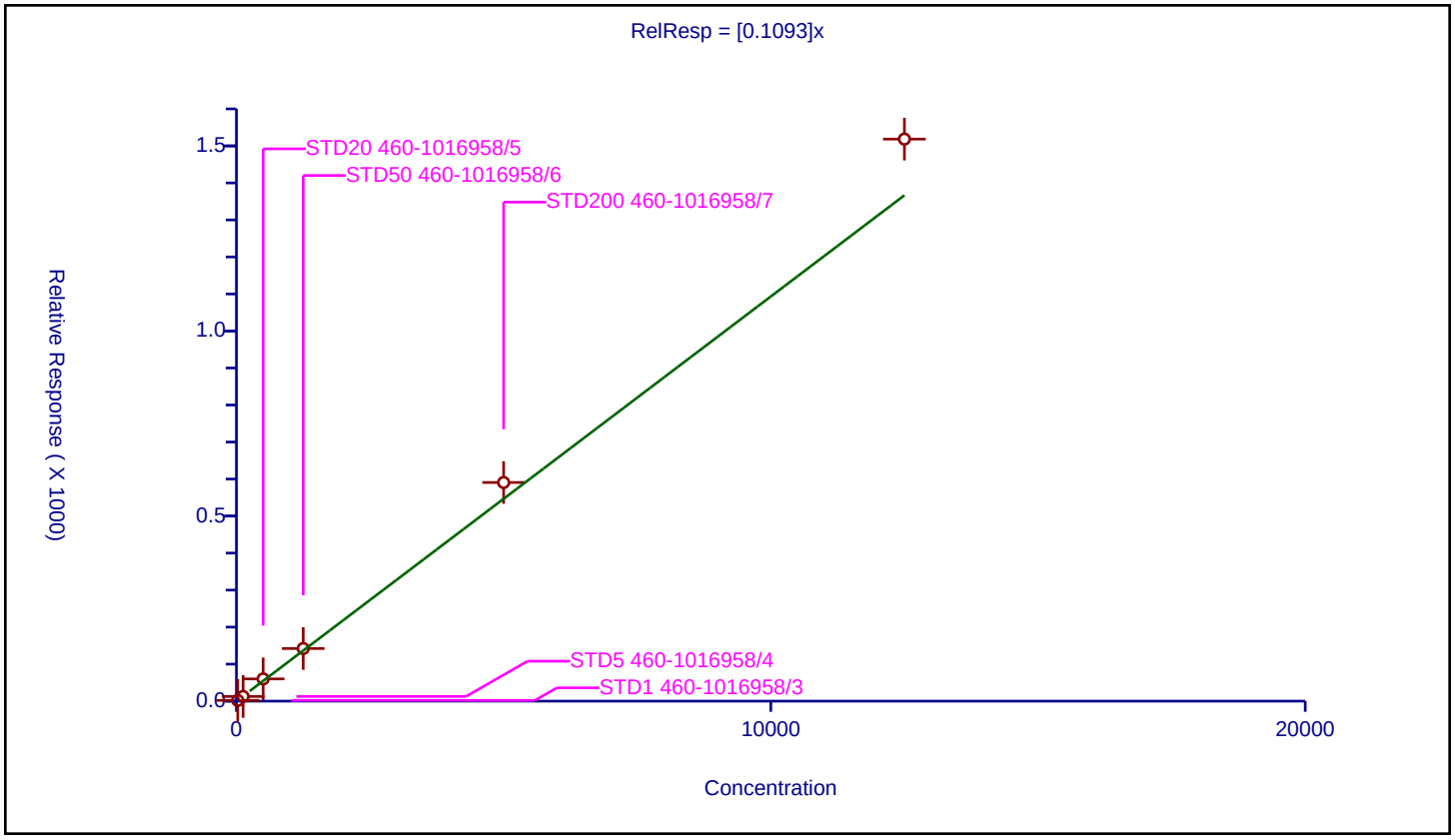
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1093 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 25.0 | 2.028212 | 1000.0 | 481705.0 | 0.081128 | Y |
| 2 | STD5 460-1016958/4 | 125.0 | 12.662521 | 1000.0 | 542546.0 | 0.1013 | Y |
| 3 | STD20 460-1016958/5 | 500.0 | 60.068846 | 1000.0 | 542078.0 | 0.120138 | Y |
| 4 | STD50 460-1016958/6 | 1250.0 | 142.162449 | 1000.0 | 519448.0 | 0.11373 | Y |
| 5 | STD200 460-1016958/7 | 5000.0 | 590.694256 | 1000.0 | 540161.0 | 0.118139 | Y |
| 6 | STD500 460-1016958/8 | 12500.0 | 1518.417603 | 1000.0 | 620982.0 | 0.121473 | Y |



## Calibration / Ethyl acrylate

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

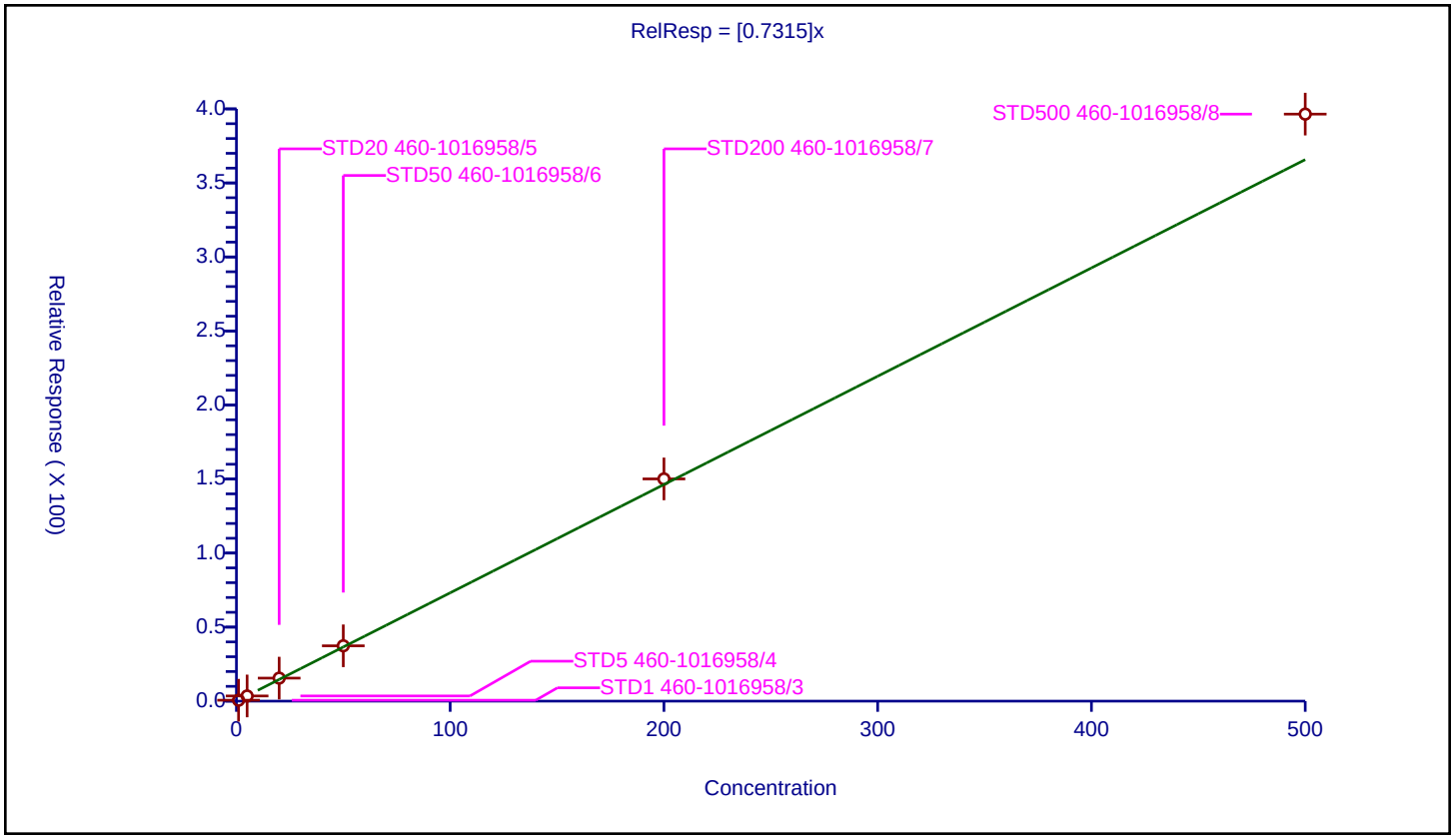
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7315 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.621606 | 50.0 | 580754.0 | 0.621606 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.494755 | 50.0 | 577165.0 | 0.698951 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 15.544891 | 50.0 | 597119.0 | 0.777245 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 37.375974 | 50.0 | 593527.0 | 0.747519 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 150.095141 | 50.0 | 694232.0 | 0.750476 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 396.46967 | 50.0 | 749774.0 | 0.792939 | Y |



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## Calibration / Methylcyclohexane

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

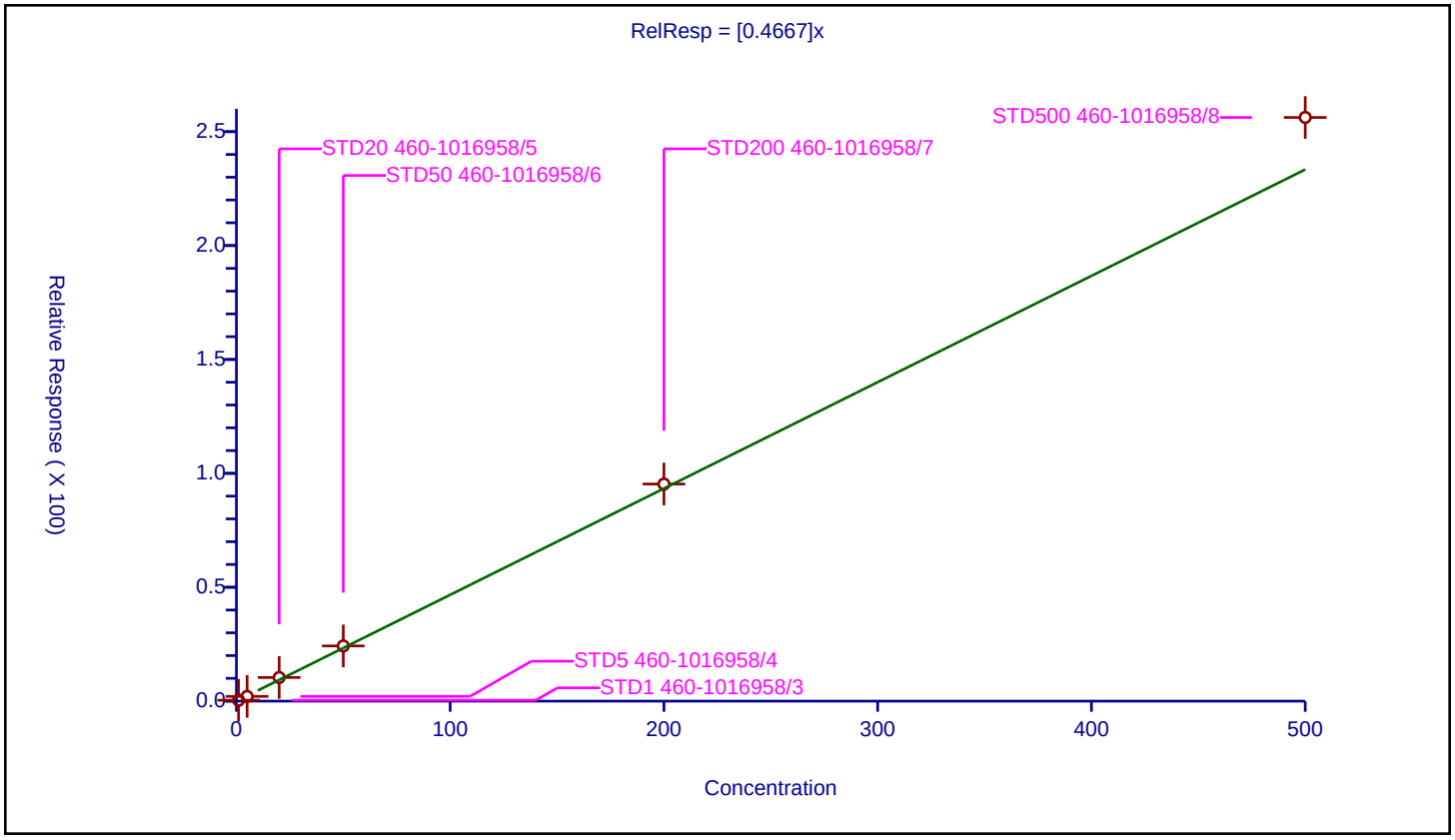
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4667 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.39156 | 50.0 | 580754.0 | 0.39156 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.08372 | 50.0 | 577165.0 | 0.416744 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 10.3713 | 50.0 | 597119.0 | 0.518565 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 24.230321 | 50.0 | 593527.0 | 0.484606 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 95.308413 | 50.0 | 694232.0 | 0.476542 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 256.229544 | 50.0 | 749774.0 | 0.512459 | Y |



## Calibration / 1,2-Dichloropropane

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

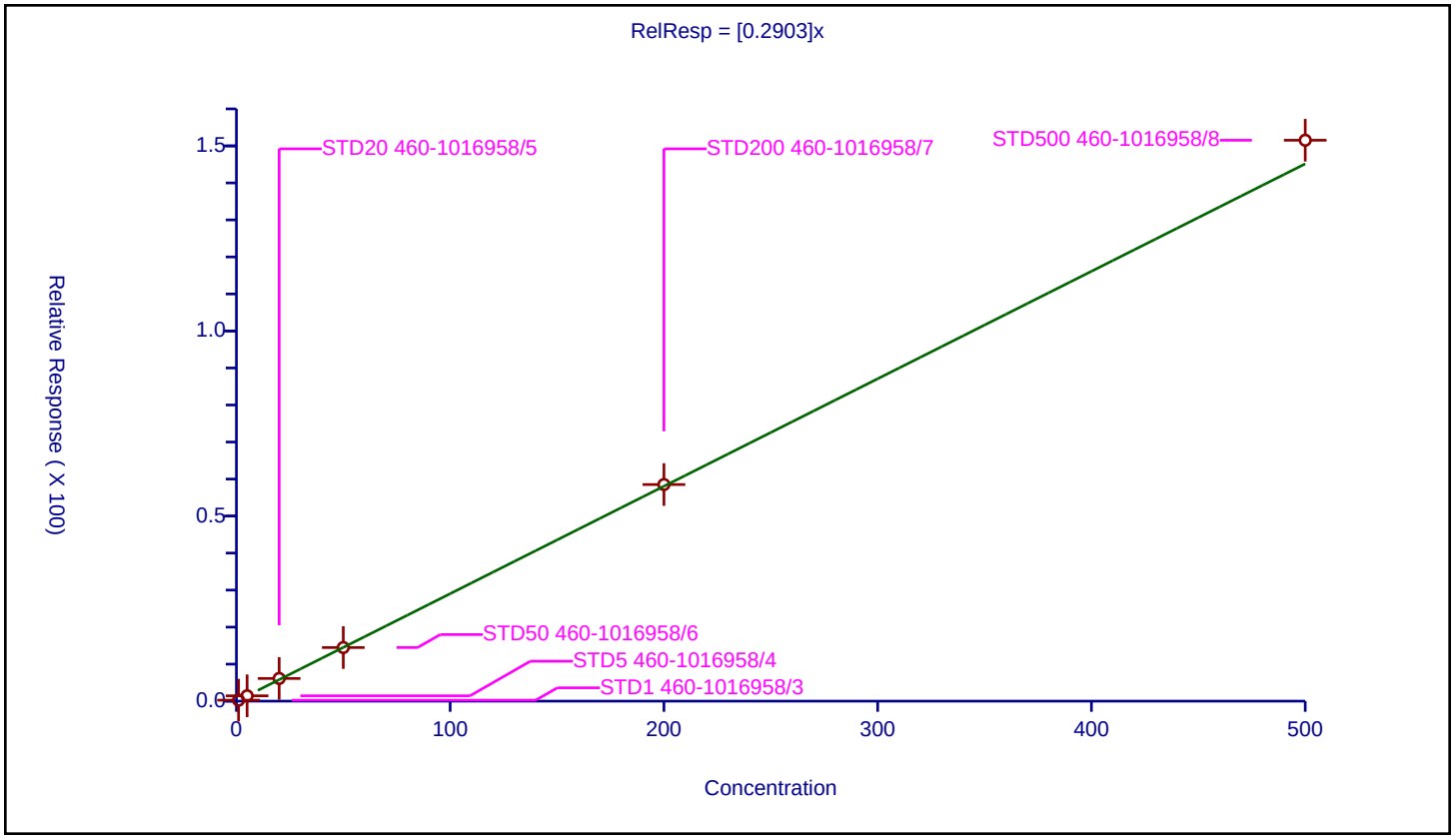
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2903 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.260954 | 50.0 | 580754.0 | 0.260954 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.4456 | 50.0 | 577165.0 | 0.28912 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.129013 | 50.0 | 597119.0 | 0.306451 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 14.483166 | 50.0 | 593527.0 | 0.289663 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 58.519846 | 50.0 | 694232.0 | 0.292599 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 151.530061 | 50.0 | 749774.0 | 0.30306 | Y |



## Calibration / Dibromomethane

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

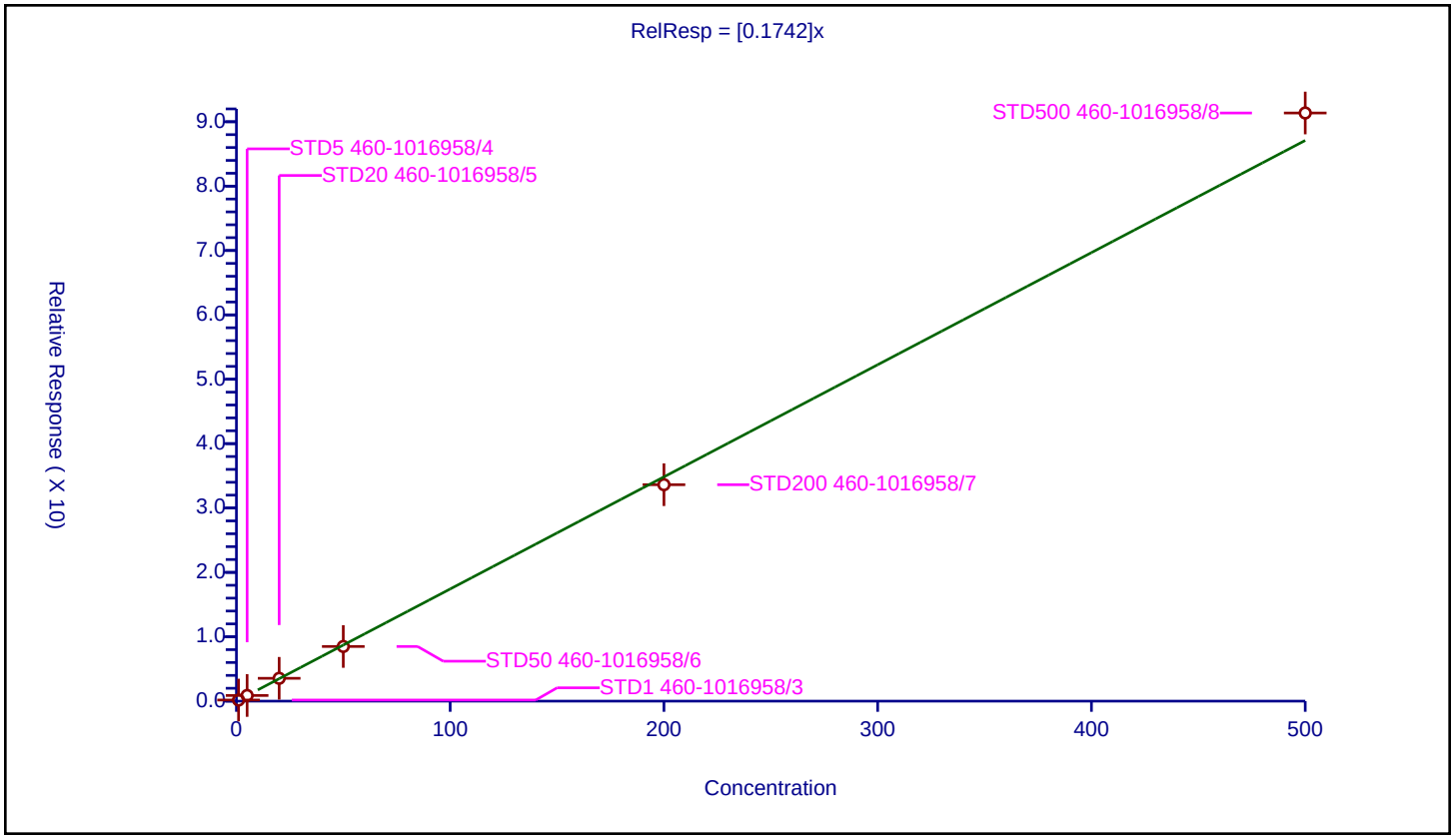
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1742 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.171587 | 50.0 | 580754.0 | 0.171587 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.877825 | 50.0 | 577165.0 | 0.175565 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 3.547283 | 50.0 | 597119.0 | 0.177364 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 8.490094 | 50.0 | 593527.0 | 0.169802 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 33.622478 | 50.0 | 694232.0 | 0.168112 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 91.361464 | 50.0 | 749774.0 | 0.182723 | Y |



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## Calibration / 1,4-Dioxane

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

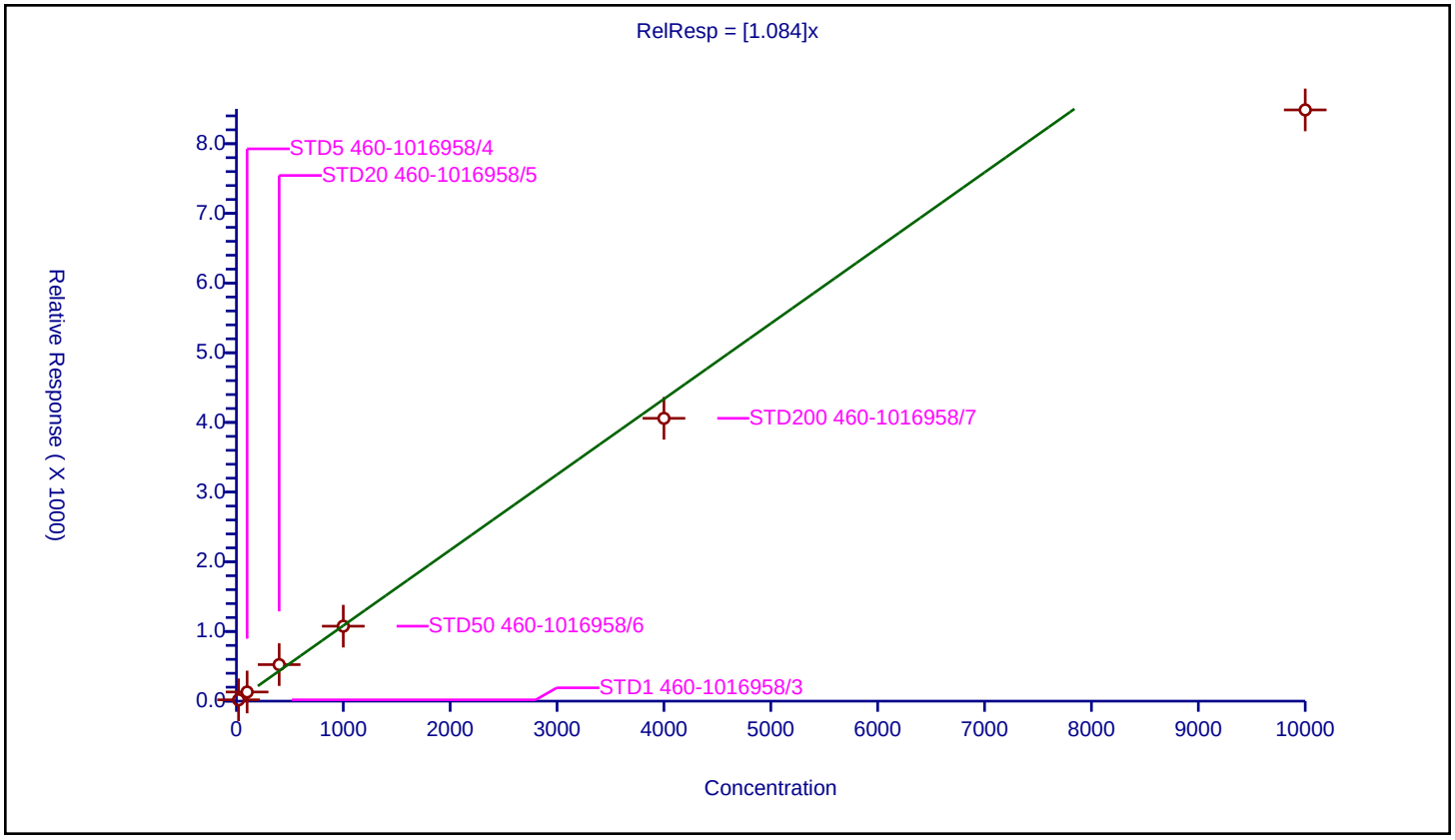
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 20.0 | 18.864248 | 1000.0 | 25657.0 | 0.943212 | Y |
| 2 | STD5 460-1016958/4 | 100.0 | 131.117111 | 1000.0 | 29630.0 | 1.311171 | Y |
| 3 | STD20 460-1016958/5 | 400.0 | 524.24341 | 1000.0 | 27657.0 | 1.310609 | Y |
| 4 | STD50 460-1016958/6 | 1000.0 | 1075.934621 | 1000.0 | 28327.0 | 1.075935 | Y |
| 5 | STD200 460-1016958/7 | 4000.0 | 4058.864529 | 1000.0 | 31564.0 | 1.014716 | Y |
| 6 | STD500 460-1016958/8 | 10000.0 | 8485.446407 | 1000.0 | 44903.0 | 0.848545 | Y |



## Calibration / Methyl methacrylate

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

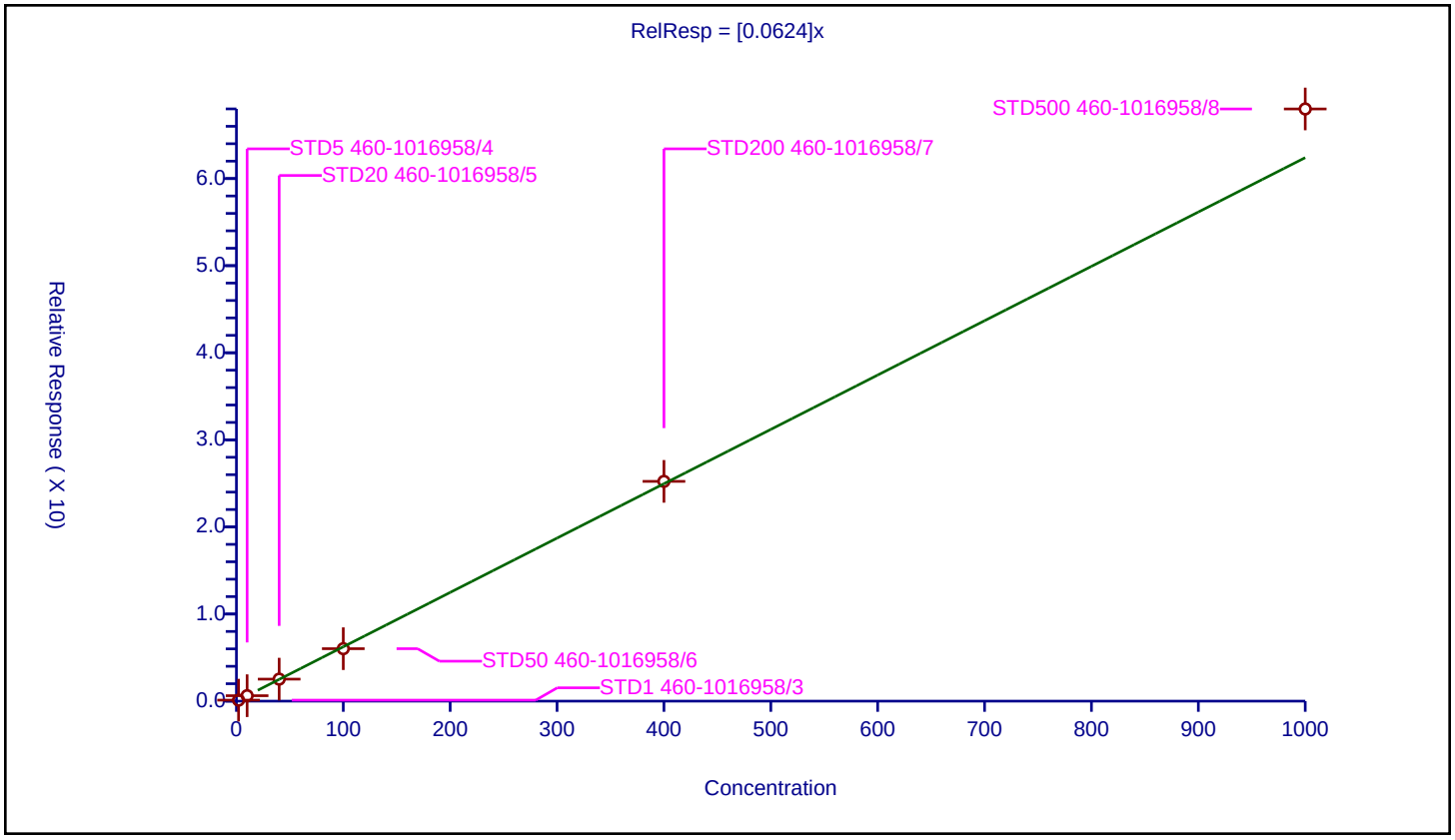
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0624 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 0.114765 | 50.0 | 580754.0 | 0.057382 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 0.625731 | 50.0 | 577165.0 | 0.062573 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 2.525962 | 50.0 | 597119.0 | 0.063149 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 6.02163 | 50.0 | 593527.0 | 0.060216 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 25.233856 | 50.0 | 694232.0 | 0.063085 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 67.992288 | 50.0 | 749774.0 | 0.067992 | Y |



## Calibration / n-Propyl acetate

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

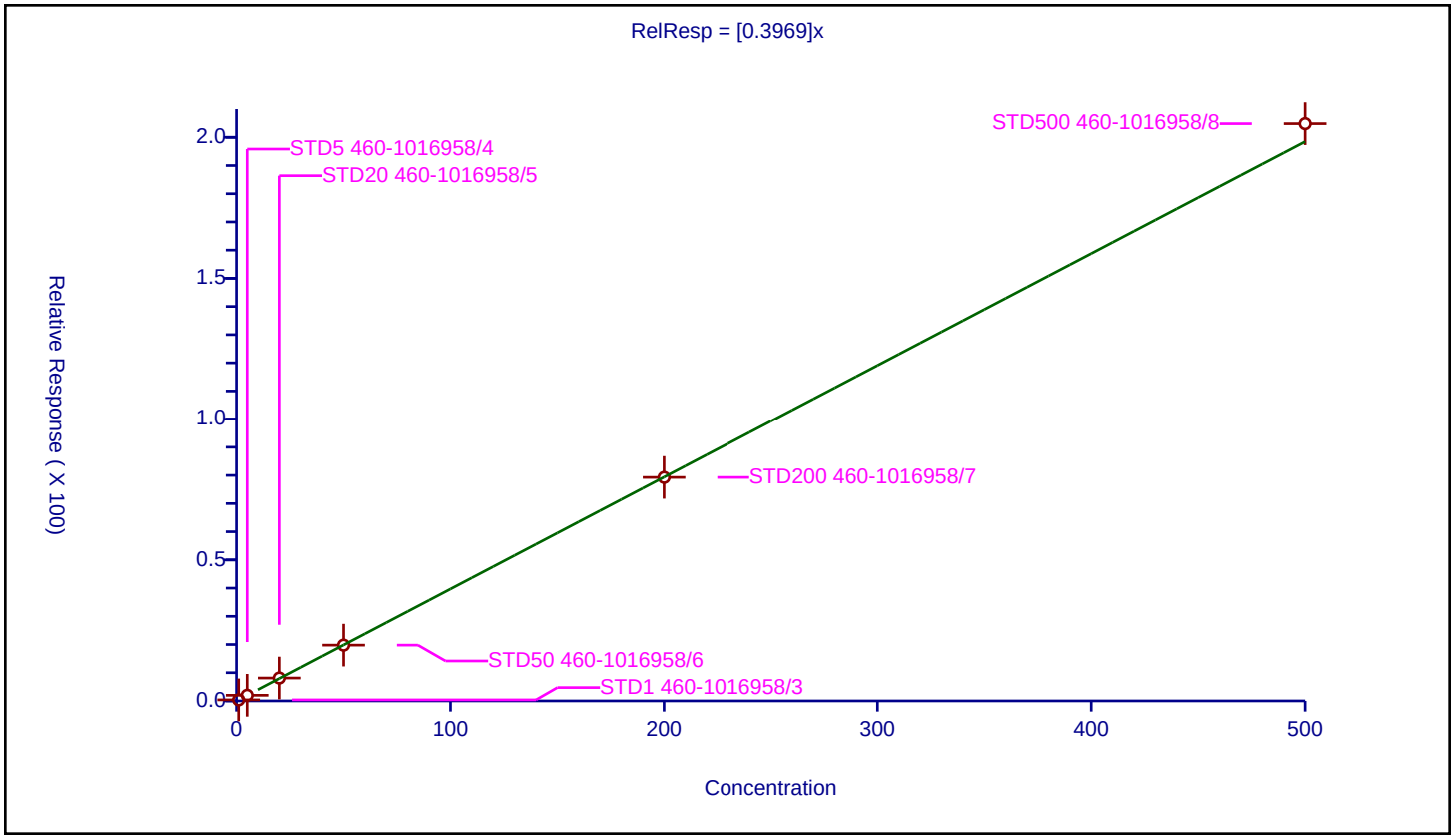
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3969 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.374599 | 50.0 | 580754.0 | 0.374599 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.997609 | 50.0 | 577165.0 | 0.399522 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.118147 | 50.0 | 597119.0 | 0.405907 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 19.777112 | 50.0 | 593527.0 | 0.395542 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 79.284663 | 50.0 | 694232.0 | 0.396423 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 204.847994 | 50.0 | 749774.0 | 0.409696 | Y |



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## Calibration / Dichlorobromomethane

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

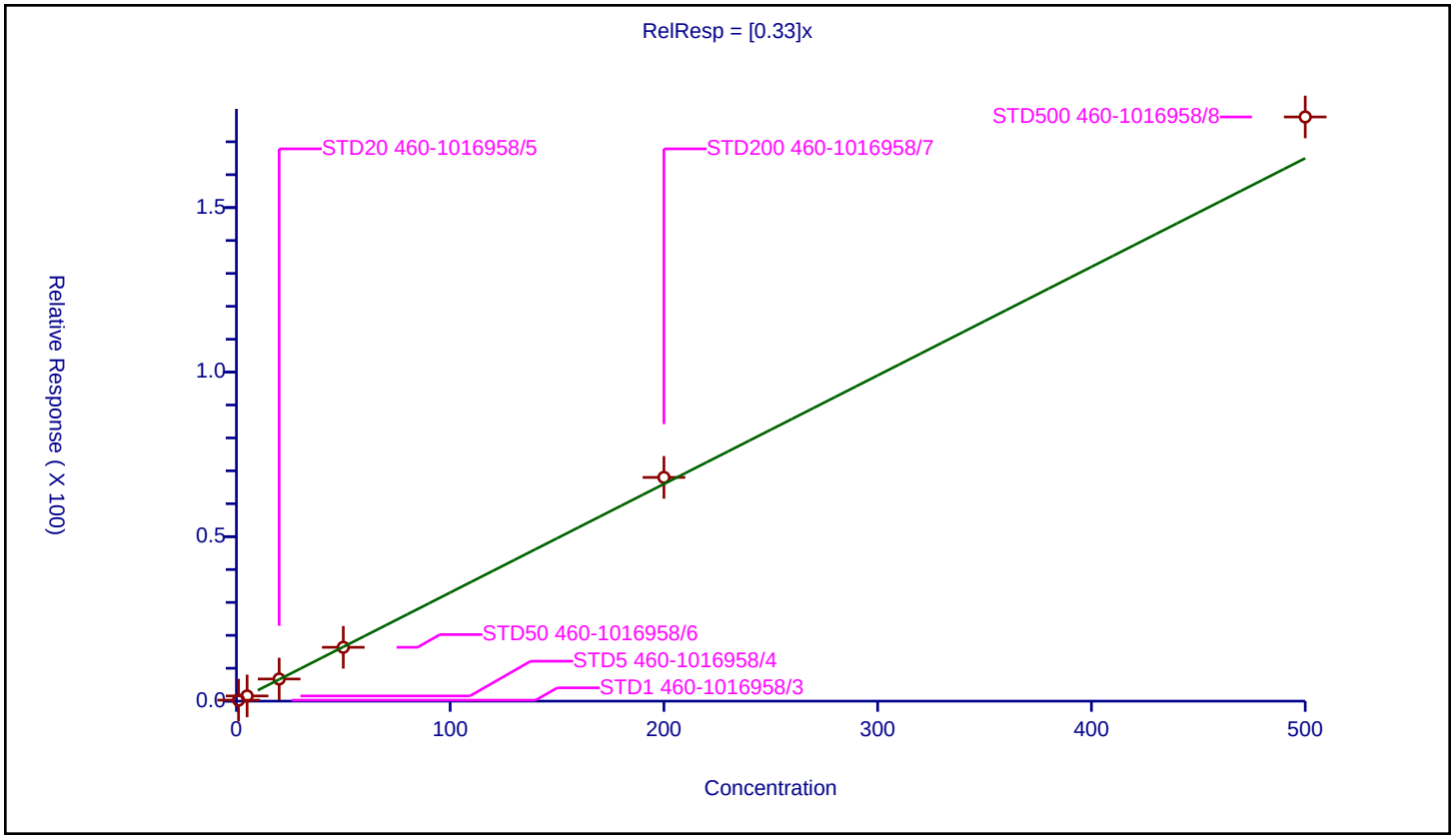
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.33 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.303743 | 50.0 | 580754.0 | 0.303743 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.585682 | 50.0 | 577165.0 | 0.317136 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.732829 | 50.0 | 597119.0 | 0.336641 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.361598 | 50.0 | 593527.0 | 0.327232 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 68.004212 | 50.0 | 694232.0 | 0.340021 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 177.550369 | 50.0 | 749774.0 | 0.355101 | Y |



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## Calibration / 2-Nitropropane

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

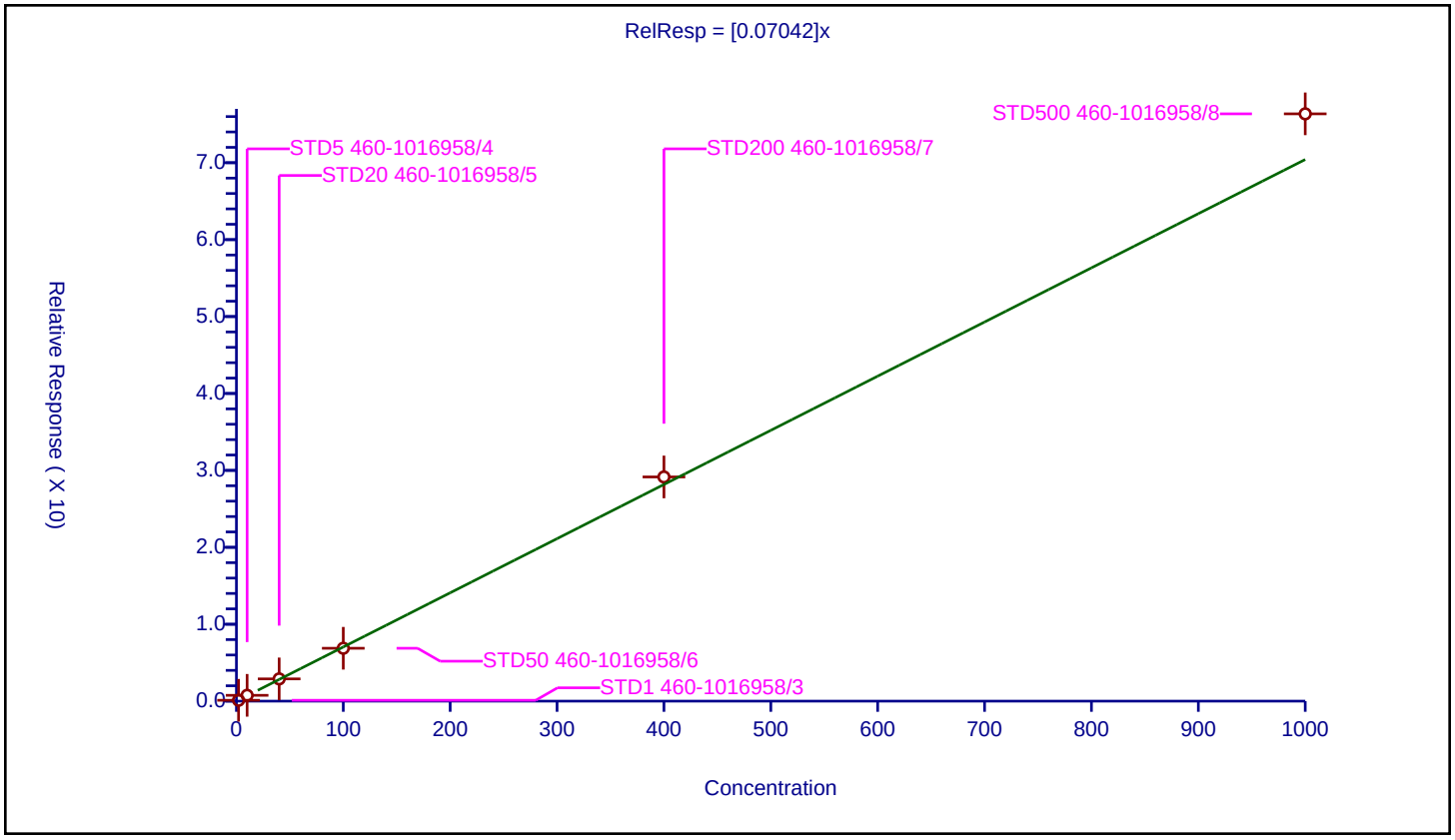
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07042 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 2.0 | 0.113129 | 50.0 | 580754.0 | 0.056564 | Y |
| 2 | STD5 460-1016958/4 | 10.0 | 0.755936 | 50.0 | 577165.0 | 0.075594 | Y |
| 3 | STD20 460-1016958/5 | 40.0 | 2.894565 | 50.0 | 597119.0 | 0.072364 | Y |
| 4 | STD50 460-1016958/6 | 100.0 | 6.876014 | 50.0 | 593527.0 | 0.06876 | Y |
| 5 | STD200 460-1016958/7 | 400.0 | 29.147173 | 50.0 | 694232.0 | 0.072868 | Y |
| 6 | STD500 460-1016958/8 | 1000.0 | 76.354475 | 50.0 | 749774.0 | 0.076354 | Y |



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## Calibration / 2-Chloroethyl vinyl ether

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

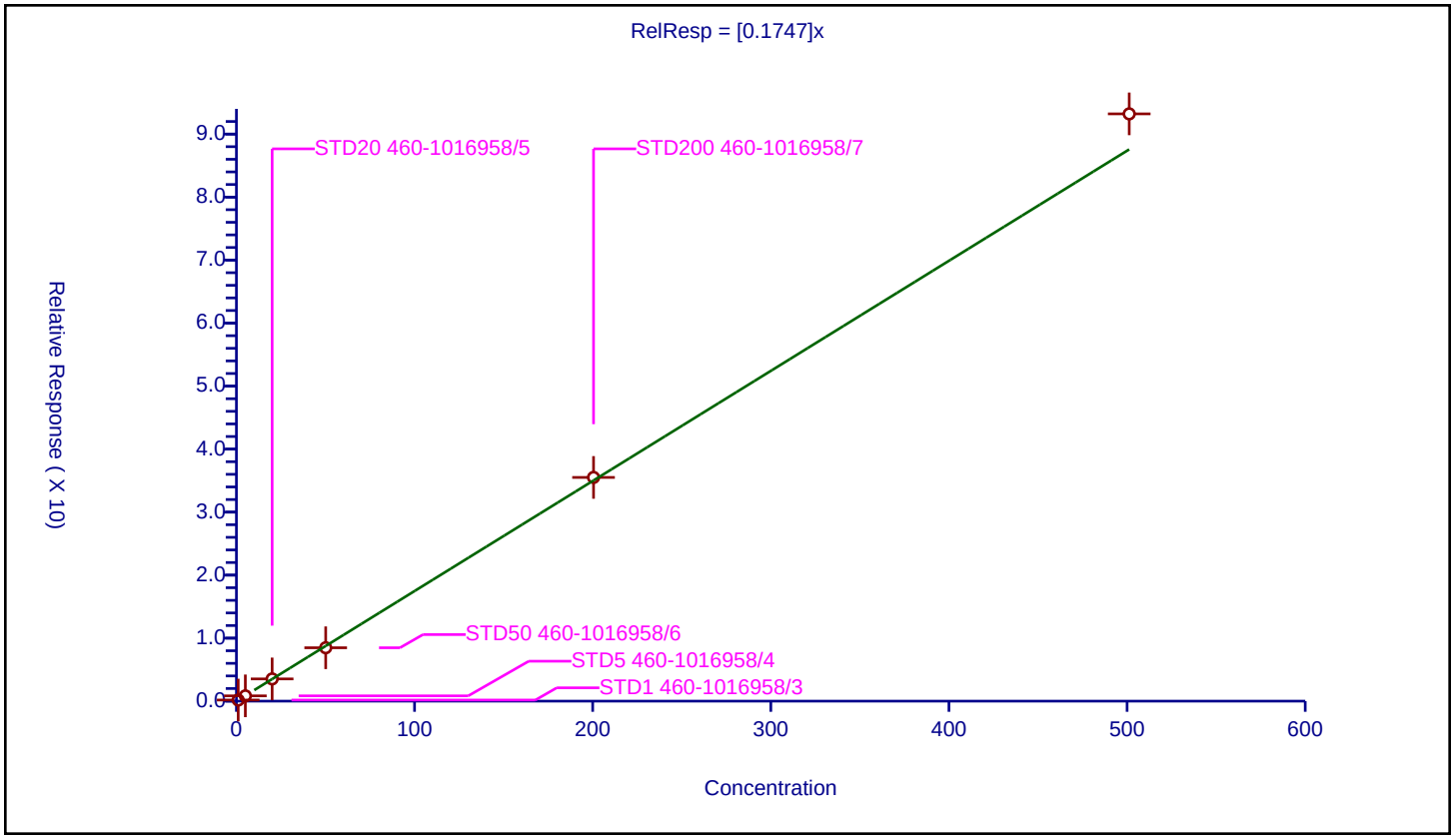
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1747 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0024 | 0.173567 | 50.0 | 580754.0 | 0.173152 | Y |
| 2 | STD5 460-1016958/4 | 5.012 | 0.837022 | 50.0 | 577165.0 | 0.167004 | Y |
| 3 | STD20 460-1016958/5 | 20.048 | 3.529698 | 50.0 | 597119.0 | 0.176062 | Y |
| 4 | STD50 460-1016958/6 | 50.12 | 8.472487 | 50.0 | 593527.0 | 0.169044 | Y |
| 5 | STD200 460-1016958/7 | 200.48 | 35.507078 | 50.0 | 694232.0 | 0.17711 | Y |
| 6 | STD500 460-1016958/8 | 501.2 | 93.20742 | 50.0 | 749774.0 | 0.185969 | Y |



## Calibration / Epichlorohydrin

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

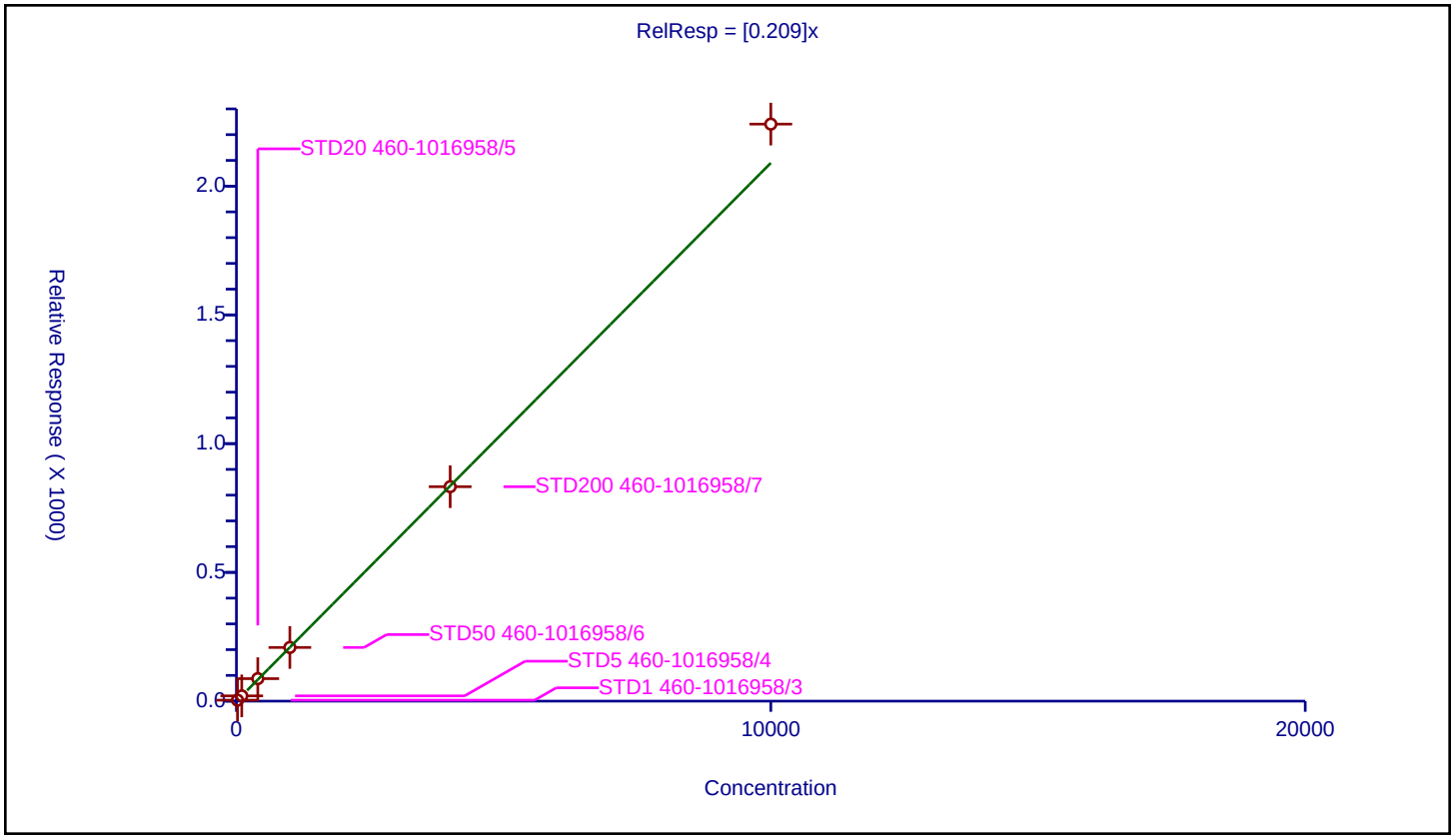
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.209 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 20.000035 | 3.802711 | 250.0 | 431074.0 | 0.190135 | Y |
| 2 | STD5 460-1016958/4 | 100.000173 | 20.462222 | 250.0 | 460666.0 | 0.204622 | Y |
| 3 | STD20 460-1016958/5 | 400.000692 | 87.362539 | 250.0 | 453584.0 | 0.218406 | Y |
| 4 | STD50 460-1016958/6 | 1000.00173 | 208.494346 | 250.0 | 443807.0 | 0.208494 | Y |
| 5 | STD200 460-1016958/7 | 4000.00692 | 832.782079 | 250.0 | 500676.0 | 0.208195 | Y |
| 6 | STD500 460-1016958/8 | 10000.0173 | 2240.940252 | 250.0 | 548470.0 | 0.224094 | Y |



## Calibration / cis-1,3-Dichloropropene

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

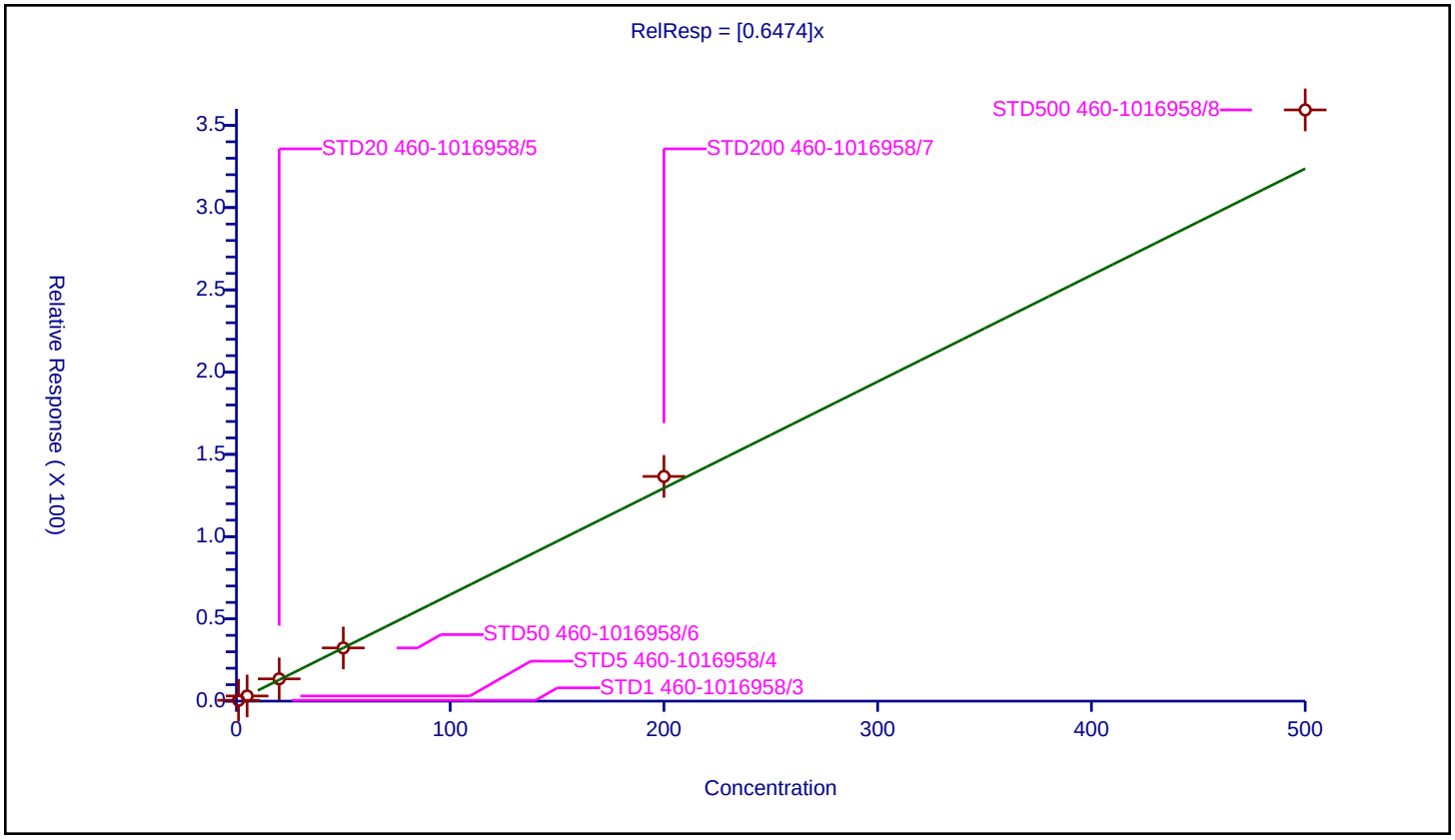
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.532379 | 50.0 | 360739.0 | 0.532379 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.13319 | 50.0 | 355628.0 | 0.626638 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 13.532494 | 50.0 | 370789.0 | 0.676625 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 32.345351 | 50.0 | 380118.0 | 0.646907 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 136.604008 | 50.0 | 441703.0 | 0.68302 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 359.378302 | 50.0 | 480764.0 | 0.718757 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

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

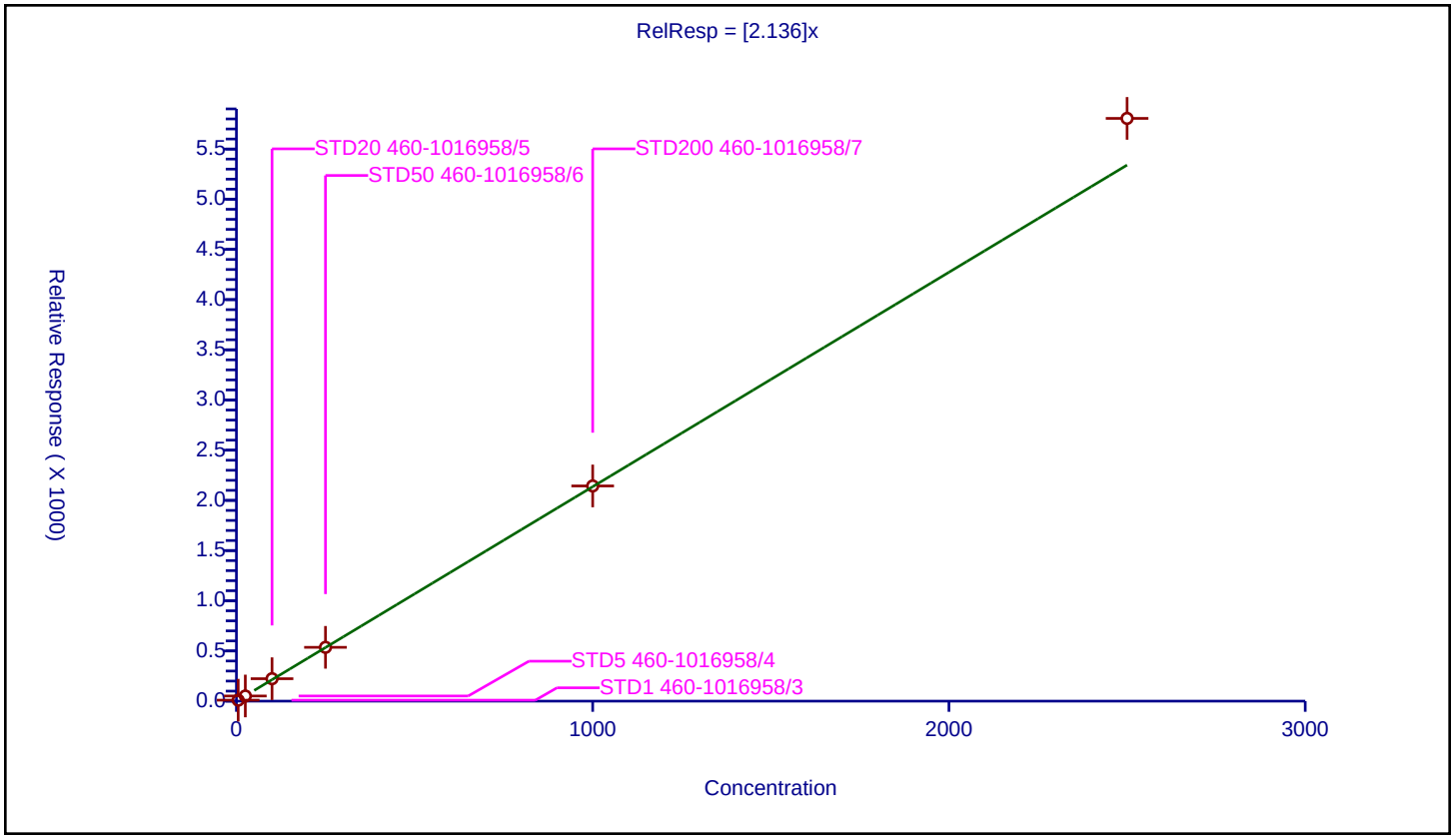
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.136 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 5.0 | 9.586521 | 250.0 | 431074.0 | 1.917304 | Y |
| 2 | STD5 460-1016958/4 | 25.0 | 51.395154 | 250.0 | 460666.0 | 2.055806 | Y |
| 3 | STD20 460-1016958/5 | 100.0 | 223.453649 | 250.0 | 453584.0 | 2.234536 | Y |
| 4 | STD50 460-1016958/6 | 250.0 | 536.041568 | 250.0 | 443807.0 | 2.144166 | Y |
| 5 | STD200 460-1016958/7 | 1000.0 | 2143.629313 | 250.0 | 500676.0 | 2.143629 | Y |
| 6 | STD500 460-1016958/8 | 2500.0 | 5805.263278 | 250.0 | 548470.0 | 2.322105 | Y |



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## Calibration / Toluene-d8 (Surr)

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

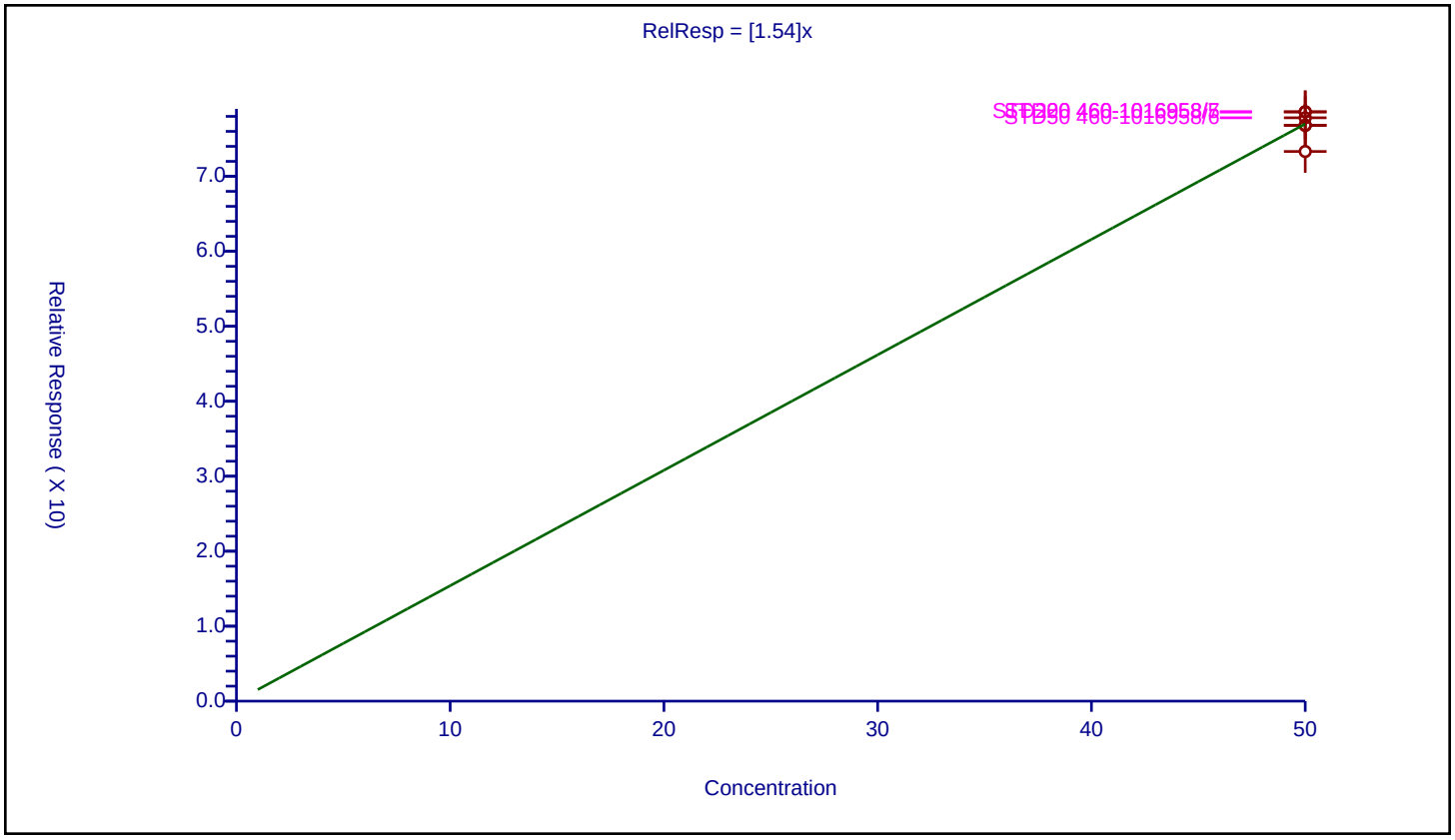
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.54 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 50.0 | 76.785294 | 50.0 | 360739.0 | 1.535706 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 76.824097 | 50.0 | 355628.0 | 1.536482 | Y |
| 3 | STD20 460-1016958/5 | 50.0 | 78.623557 | 50.0 | 370789.0 | 1.572471 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 77.814126 | 50.0 | 380118.0 | 1.556283 | Y |
| 5 | STD200 460-1016958/7 | 50.0 | 78.583007 | 50.0 | 441703.0 | 1.57166 | Y |
| 6 | STD500 460-1016958/8 | 50.0 | 73.31955 | 50.0 | 480764.0 | 1.466391 | Y |



## Calibration / Toluene

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

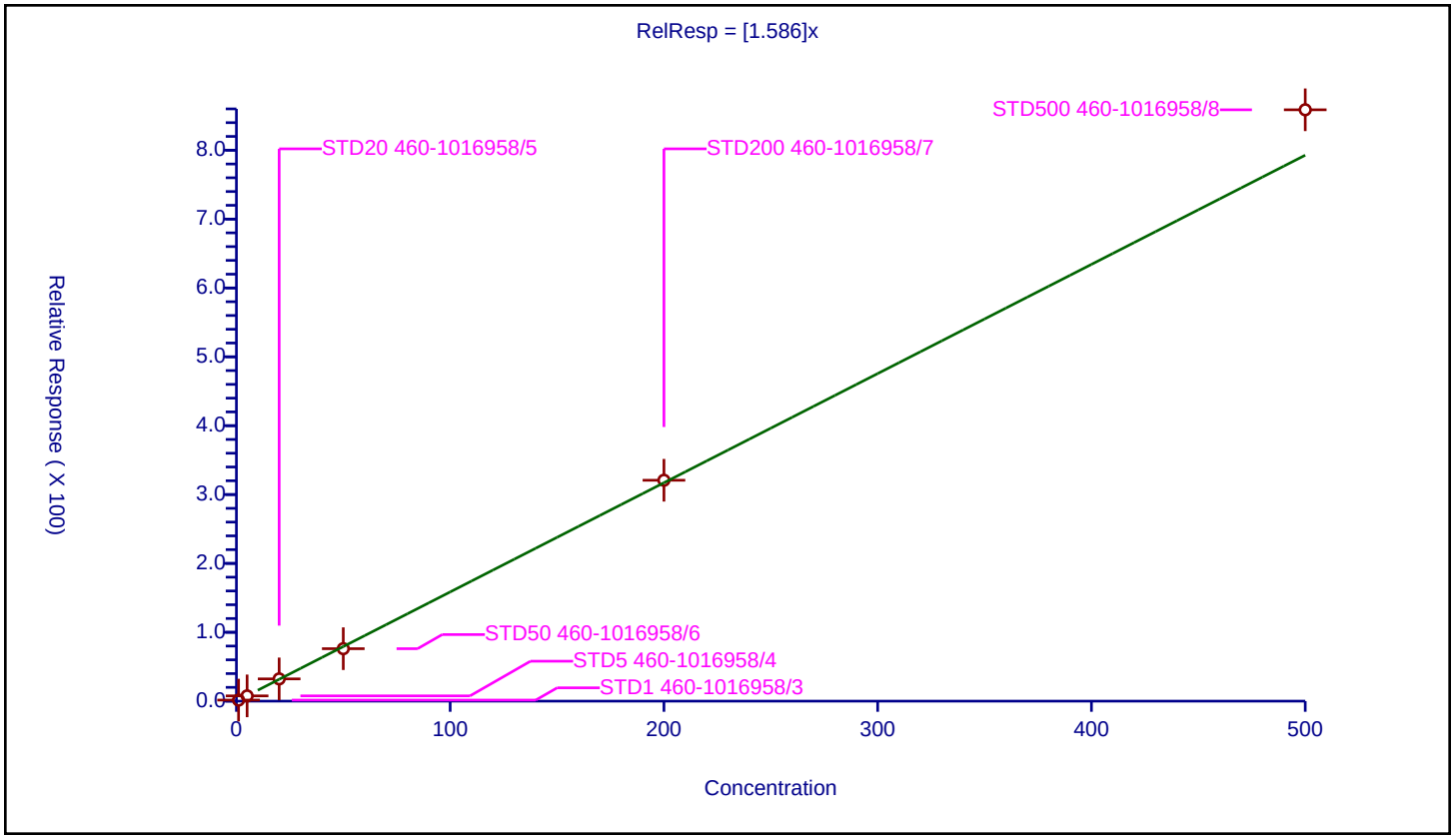
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.586 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.520628 | 50.0 | 360739.0 | 1.520628 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 7.657018 | 50.0 | 355628.0 | 1.531404 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 32.326471 | 50.0 | 370789.0 | 1.616324 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 76.177661 | 50.0 | 380118.0 | 1.523553 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 320.74935 | 50.0 | 441703.0 | 1.603747 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 858.702711 | 50.0 | 480764.0 | 1.717405 | Y |



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## Calibration / trans-1,3-Dichloropropene

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

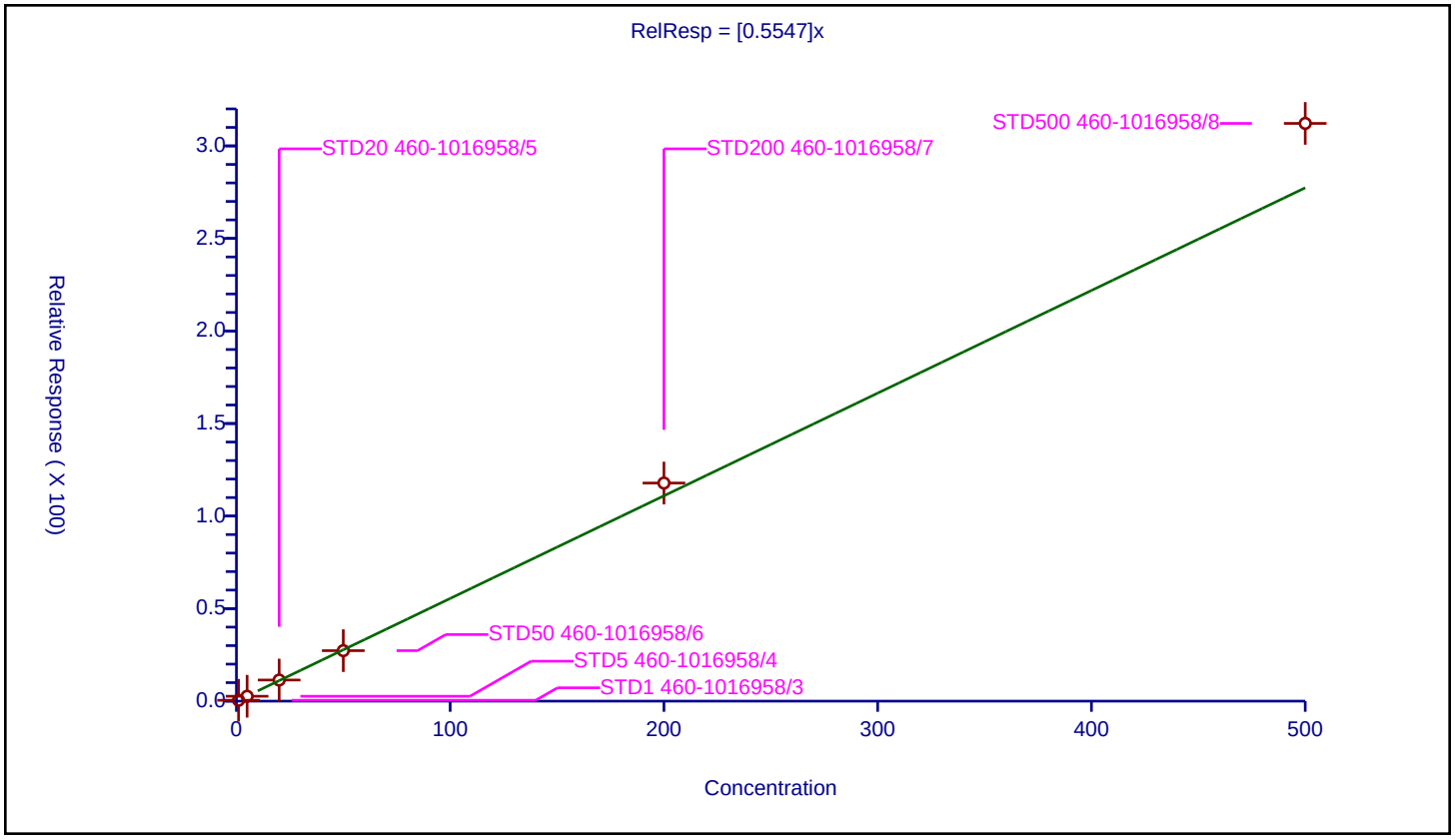
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5547 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.46973 | 50.0 | 360739.0 | 0.46973 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.646586 | 50.0 | 355628.0 | 0.529317 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 11.407971 | 50.0 | 370789.0 | 0.570399 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 27.271268 | 50.0 | 380118.0 | 0.545425 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 117.83291 | 50.0 | 441703.0 | 0.589165 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 312.161892 | 50.0 | 480764.0 | 0.624324 | Y |



## Calibration / Ethyl methacrylate

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

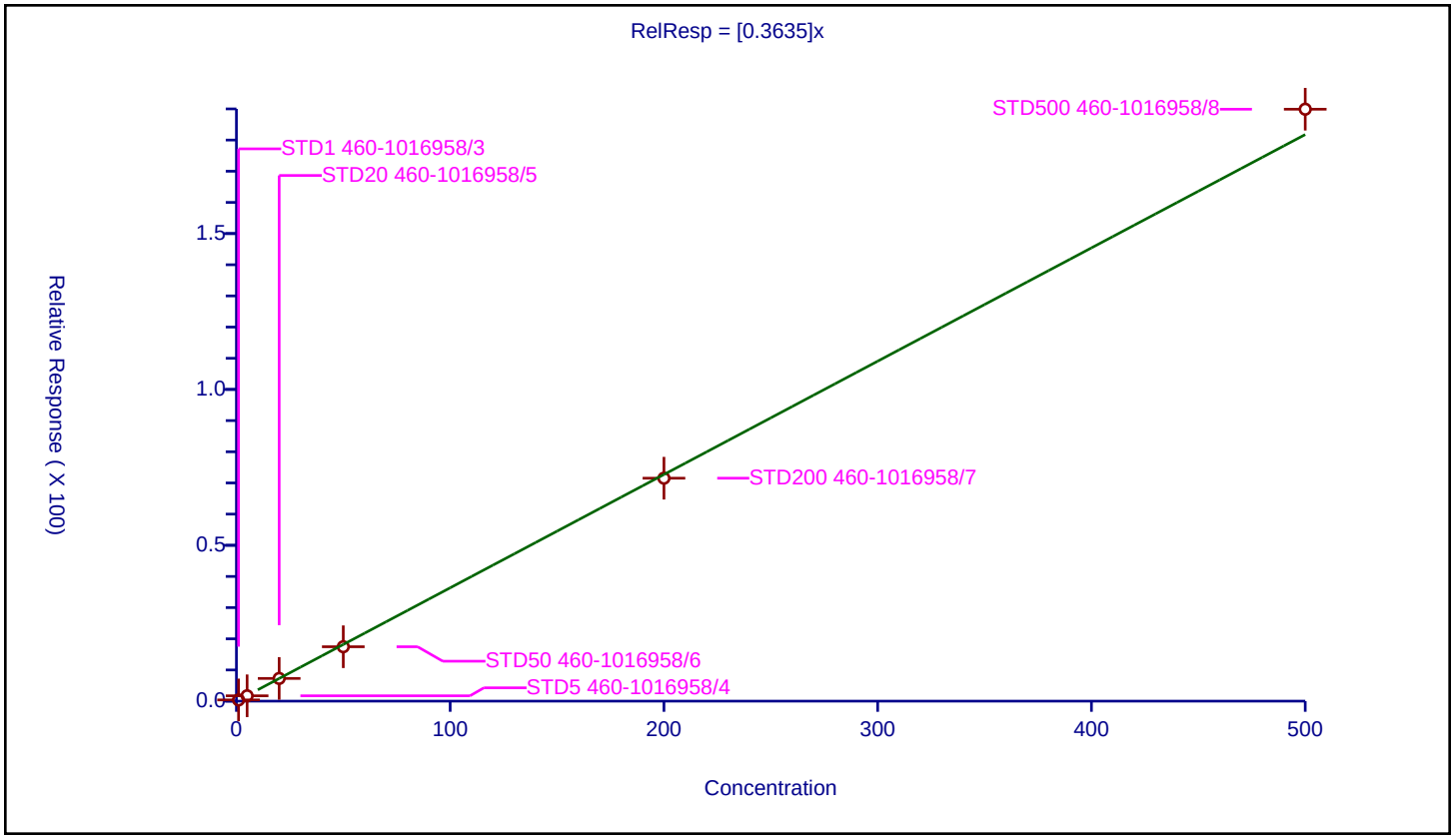
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3635 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.387341 | 50.0 | 580754.0 | 0.387341 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.715974 | 50.0 | 577165.0 | 0.343195 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 7.285399 | 50.0 | 597119.0 | 0.36427 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 17.449417 | 50.0 | 593527.0 | 0.348988 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 71.518239 | 50.0 | 694232.0 | 0.357591 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 189.896489 | 50.0 | 749774.0 | 0.379793 | Y |



## Calibration / 1,1,2-Trichloroethane

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

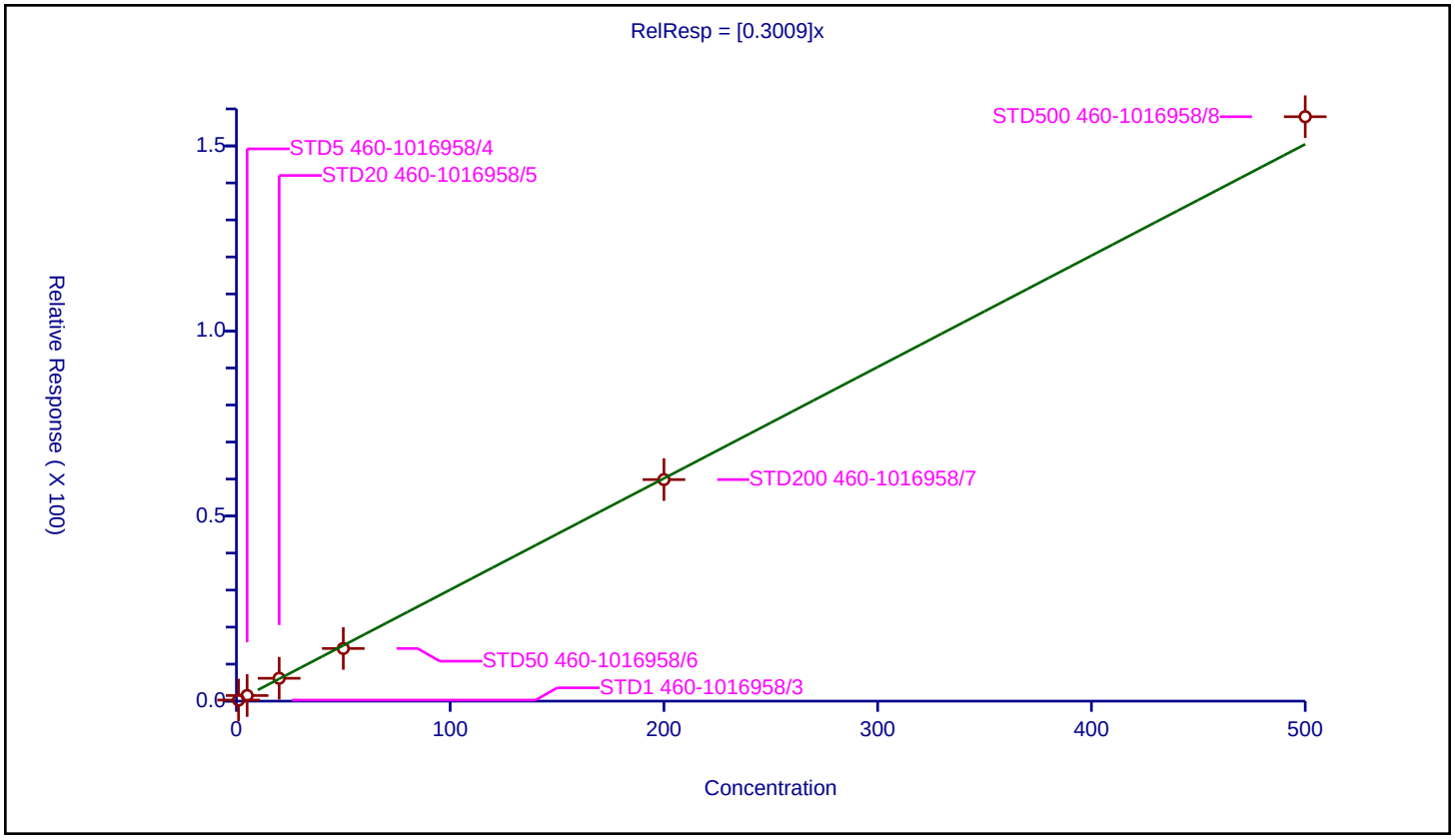
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.293425 | 50.0 | 360739.0 | 0.293425 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.516753 | 50.0 | 355628.0 | 0.303351 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.17939 | 50.0 | 370789.0 | 0.30897 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 14.231107 | 50.0 | 380118.0 | 0.284622 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 59.85119 | 50.0 | 441703.0 | 0.299256 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 157.891294 | 50.0 | 480764.0 | 0.315783 | Y |



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## Calibration / Tetrachloroethene

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

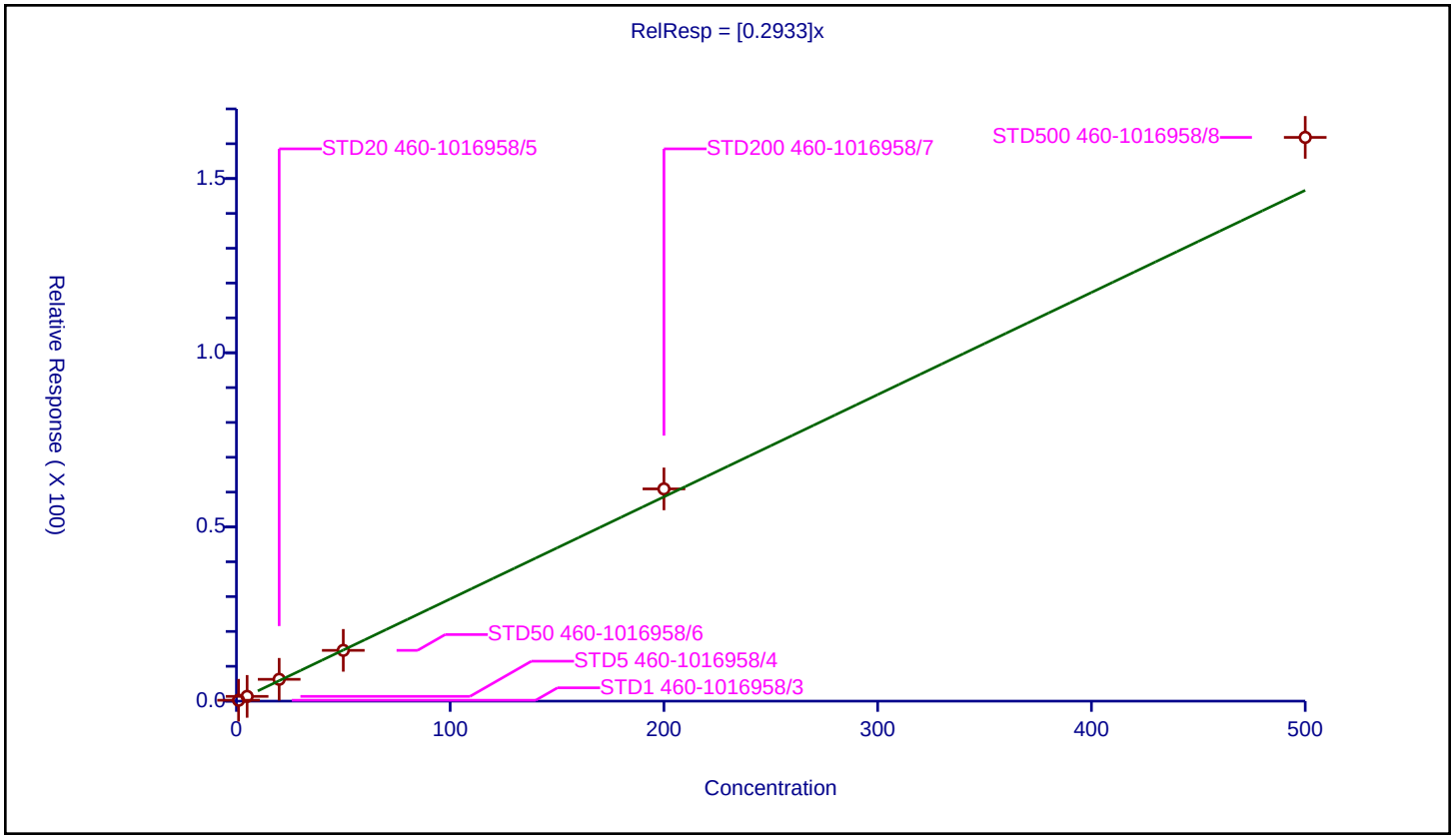
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2933 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.25323 | 50.0 | 360739.0 | 0.25323 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.366315 | 50.0 | 355628.0 | 0.273263 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.267446 | 50.0 | 370789.0 | 0.313372 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 14.572317 | 50.0 | 380118.0 | 0.291446 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 60.918083 | 50.0 | 441703.0 | 0.30459 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 161.816297 | 50.0 | 480764.0 | 0.323633 | Y |



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## Calibration / 1,3-Dichloropropane

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

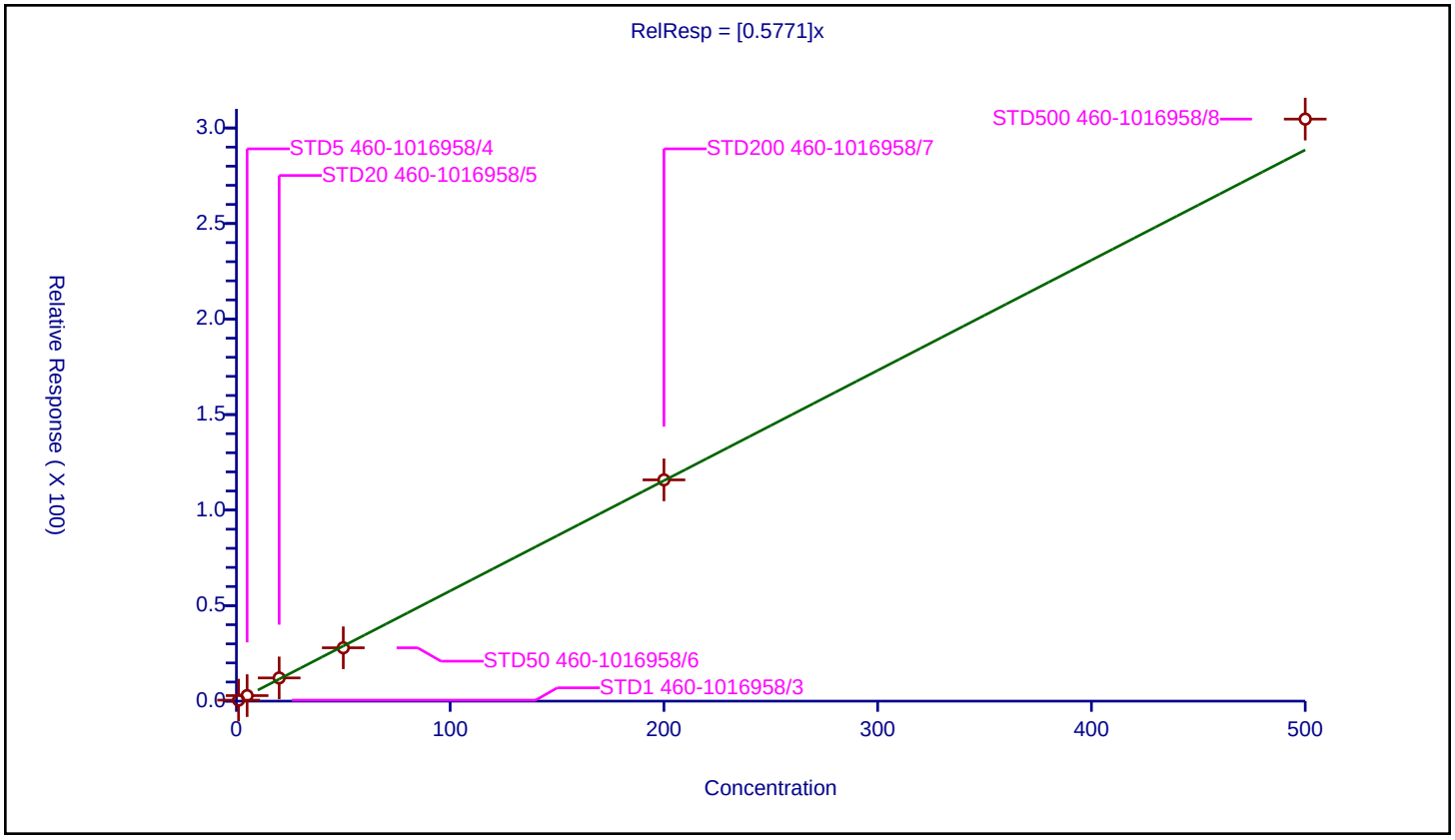
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5771 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.528637 | 50.0 | 360739.0 | 0.528637 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.895863 | 50.0 | 355628.0 | 0.579173 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 12.152329 | 50.0 | 370789.0 | 0.607616 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 27.926591 | 50.0 | 380118.0 | 0.558532 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 115.821151 | 50.0 | 441703.0 | 0.579106 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 304.659667 | 50.0 | 480764.0 | 0.609319 | Y |



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## Calibration / 2-Hexanone

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

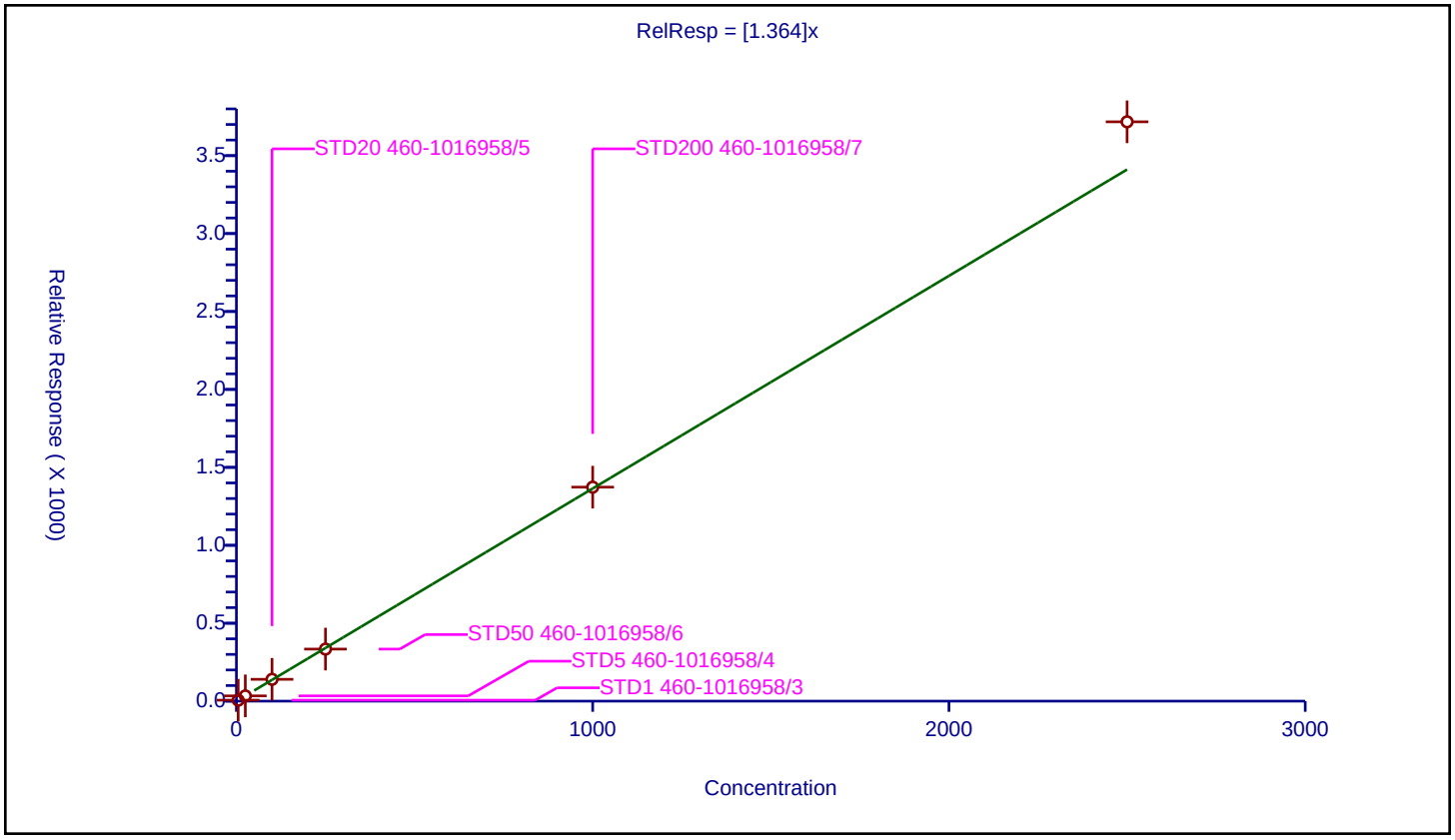
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.364 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 5.0 | 6.200792 | 250.0 | 431074.0 | 1.240158 | Y |
| 2 | STD5 460-1016958/4 | 25.0 | 33.725085 | 250.0 | 460666.0 | 1.349003 | Y |
| 3 | STD20 460-1016958/5 | 100.0 | 140.11462 | 250.0 | 453584.0 | 1.401146 | Y |
| 4 | STD50 460-1016958/6 | 250.0 | 333.974566 | 250.0 | 443807.0 | 1.335898 | Y |
| 5 | STD200 460-1016958/7 | 1000.0 | 1373.085588 | 250.0 | 500676.0 | 1.373086 | Y |
| 6 | STD500 460-1016958/8 | 2500.0 | 3717.198753 | 250.0 | 548470.0 | 1.48688 | Y |



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## Calibration / Chlorodibromomethane

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

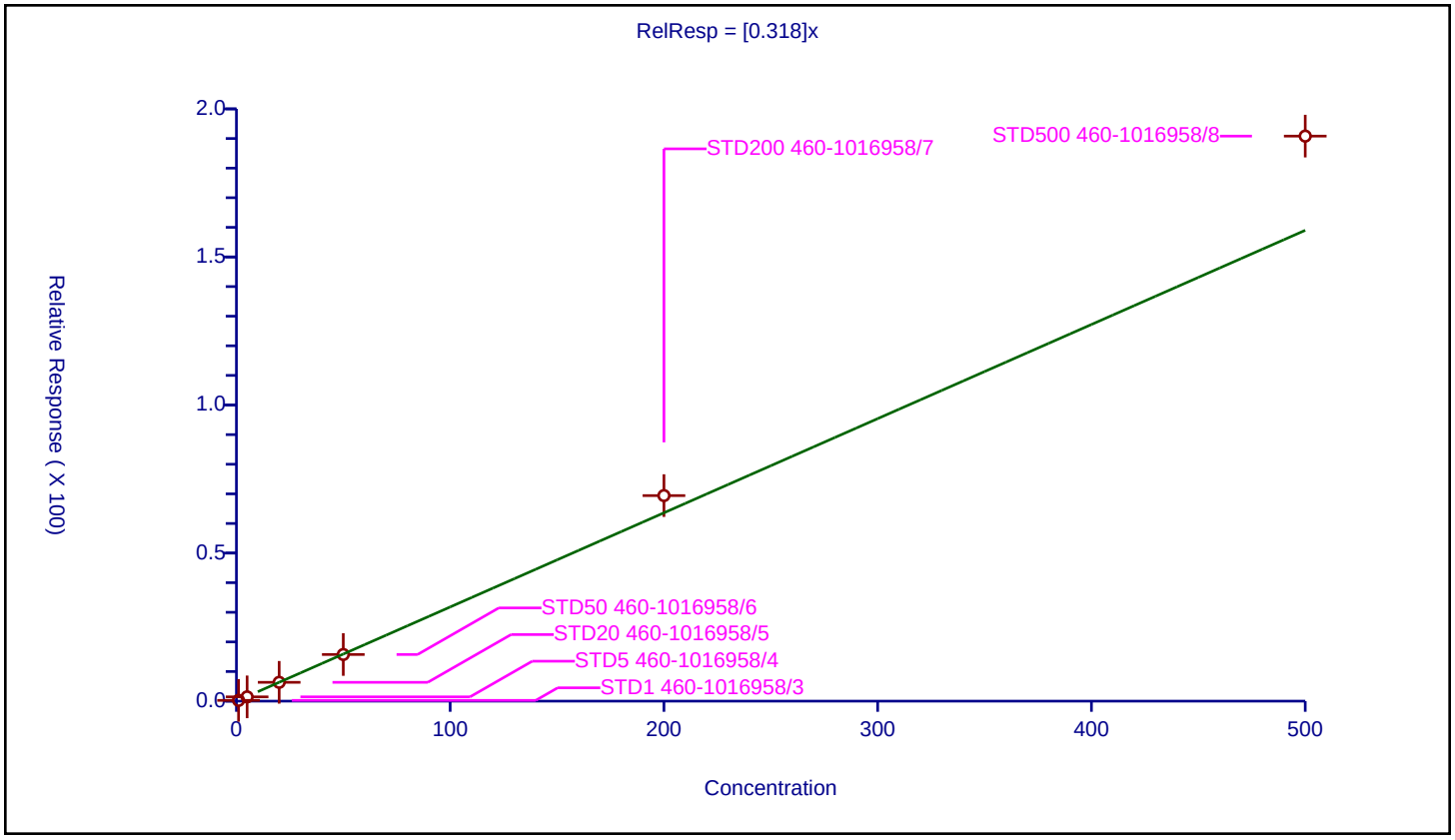
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.318 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.258774 | 50.0 | 360739.0 | 0.258774 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.439144 | 50.0 | 355628.0 | 0.287829 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.350242 | 50.0 | 370789.0 | 0.317512 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 15.756423 | 50.0 | 380118.0 | 0.315128 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 69.41395 | 50.0 | 441703.0 | 0.34707 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 190.812228 | 50.0 | 480764.0 | 0.381624 | Y |



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## Calibration / Ethylene Dibromide

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

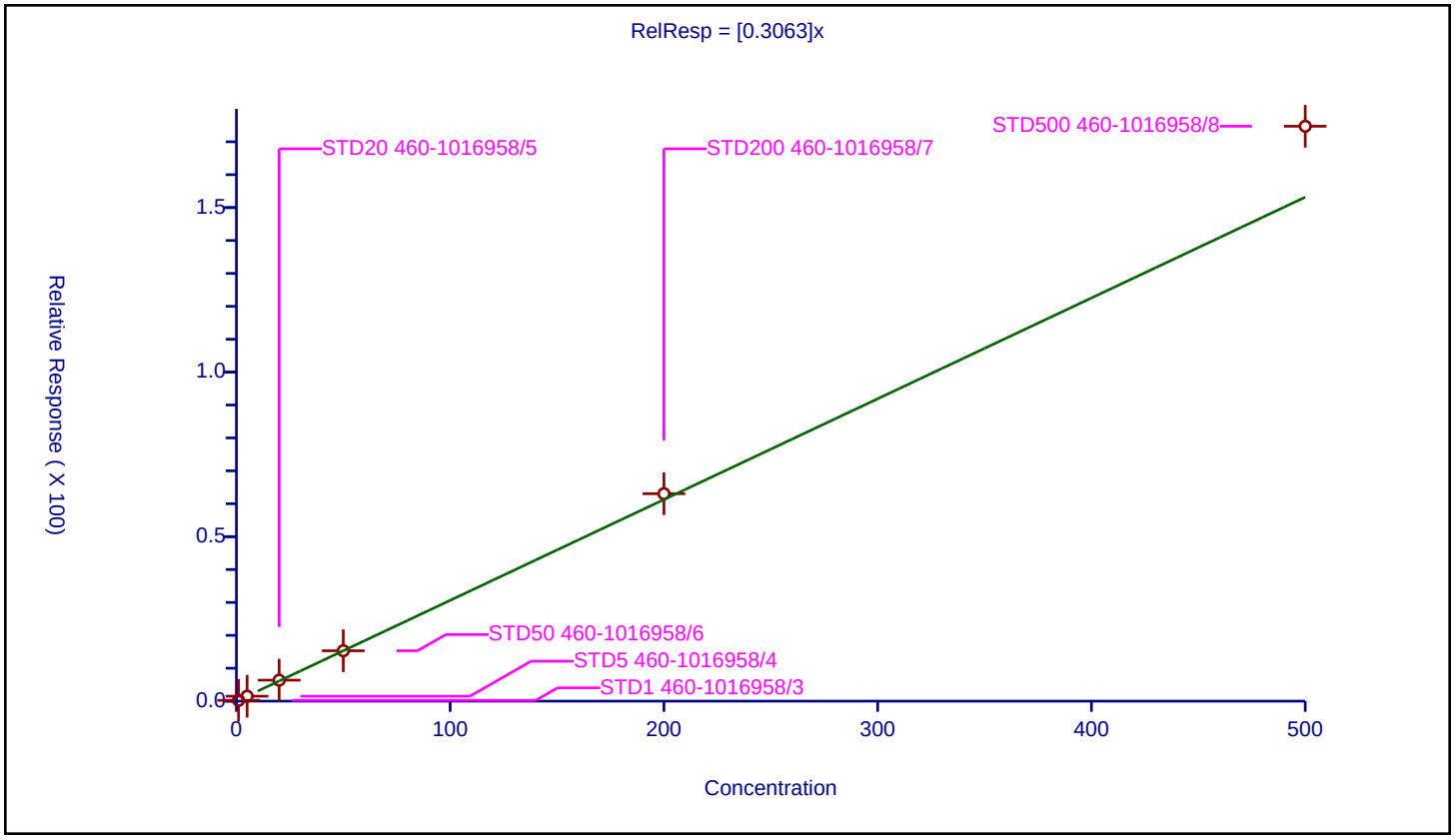
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3063 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.24727 | 50.0 | 360739.0 | 0.24727 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.505225 | 50.0 | 355628.0 | 0.301045 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.374785 | 50.0 | 370789.0 | 0.318739 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 15.31235 | 50.0 | 380118.0 | 0.306247 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 63.050059 | 50.0 | 441703.0 | 0.31525 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 174.726061 | 50.0 | 480764.0 | 0.349452 | Y |



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## Calibration / n-Butyl acetate

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

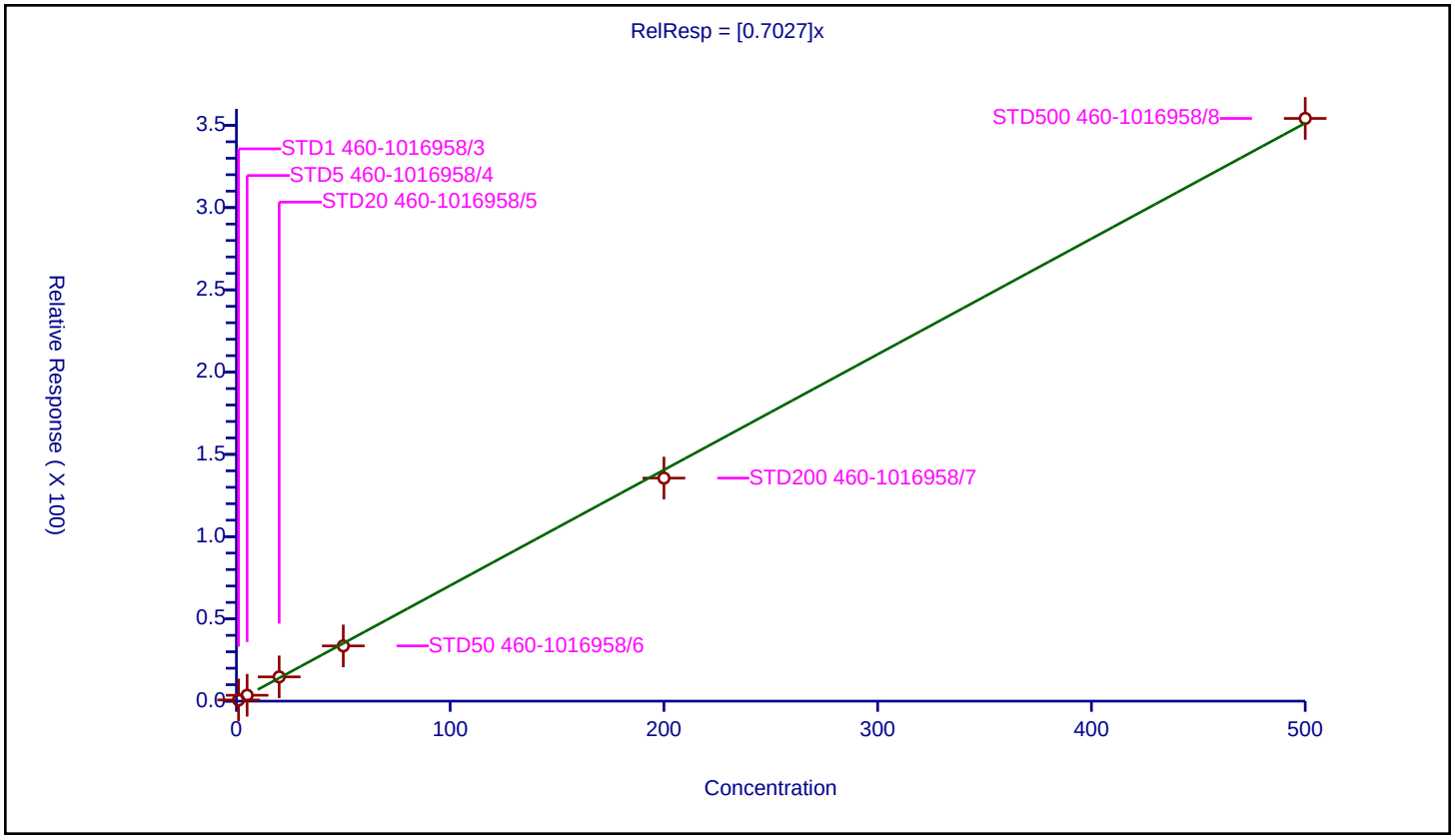
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.703417 | 50.0 | 360739.0 | 0.703417 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.590831 | 50.0 | 355628.0 | 0.718166 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 14.74383 | 50.0 | 370789.0 | 0.737192 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 33.561552 | 50.0 | 380118.0 | 0.671231 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 135.58228 | 50.0 | 441703.0 | 0.677911 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 354.200814 | 50.0 | 480764.0 | 0.708402 | Y |



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## Calibration / Chlorobenzene

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

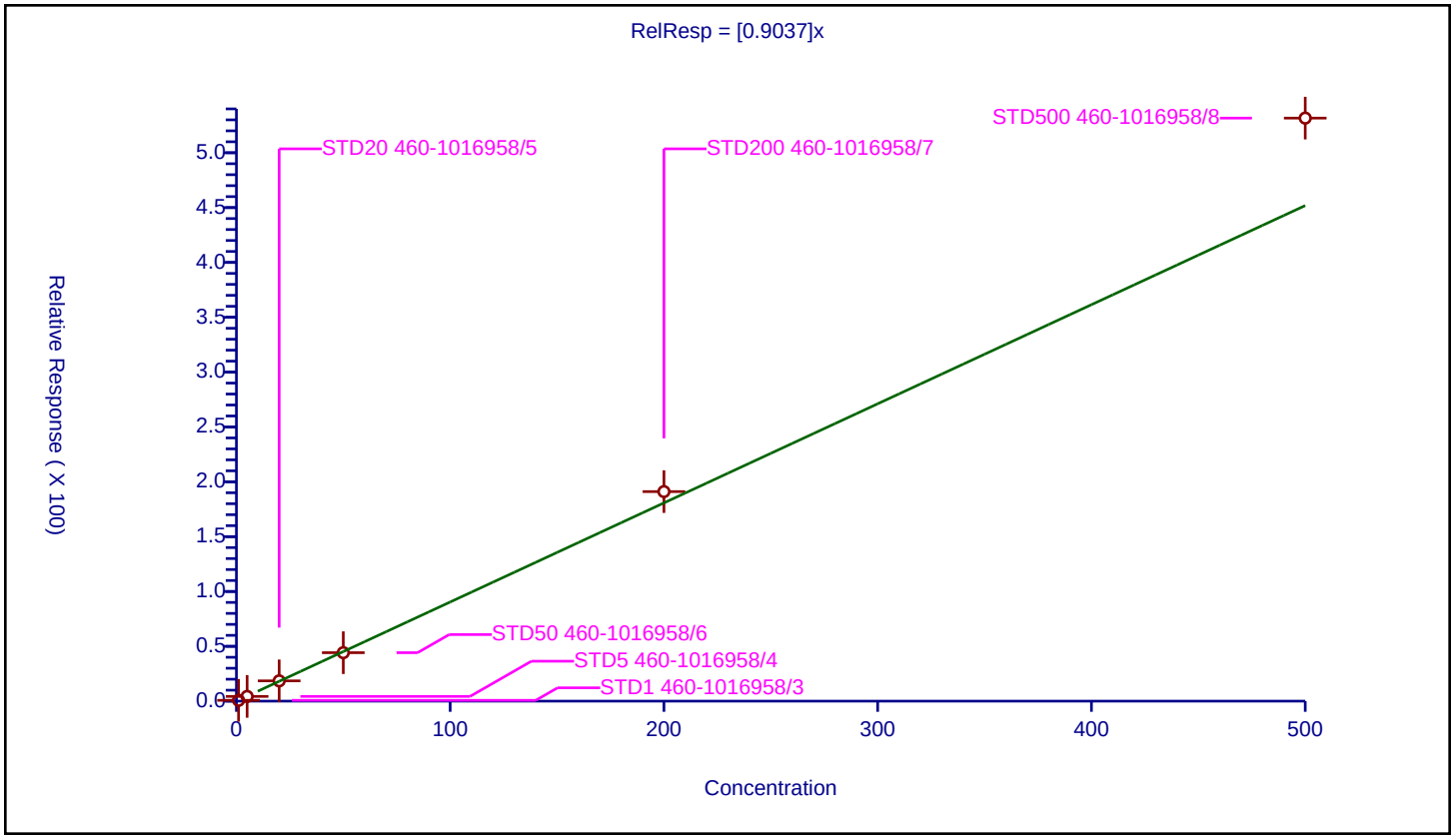
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9037 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.731692 | 50.0 | 360739.0 | 0.731692 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.317433 | 50.0 | 355628.0 | 0.863487 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 18.496773 | 50.0 | 370789.0 | 0.924839 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 44.186937 | 50.0 | 380118.0 | 0.883739 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 191.057339 | 50.0 | 441703.0 | 0.955287 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 531.593048 | 50.0 | 480764.0 | 1.063186 | Y |



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## Calibration / 1,1,1,2-Tetrachloroethane

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

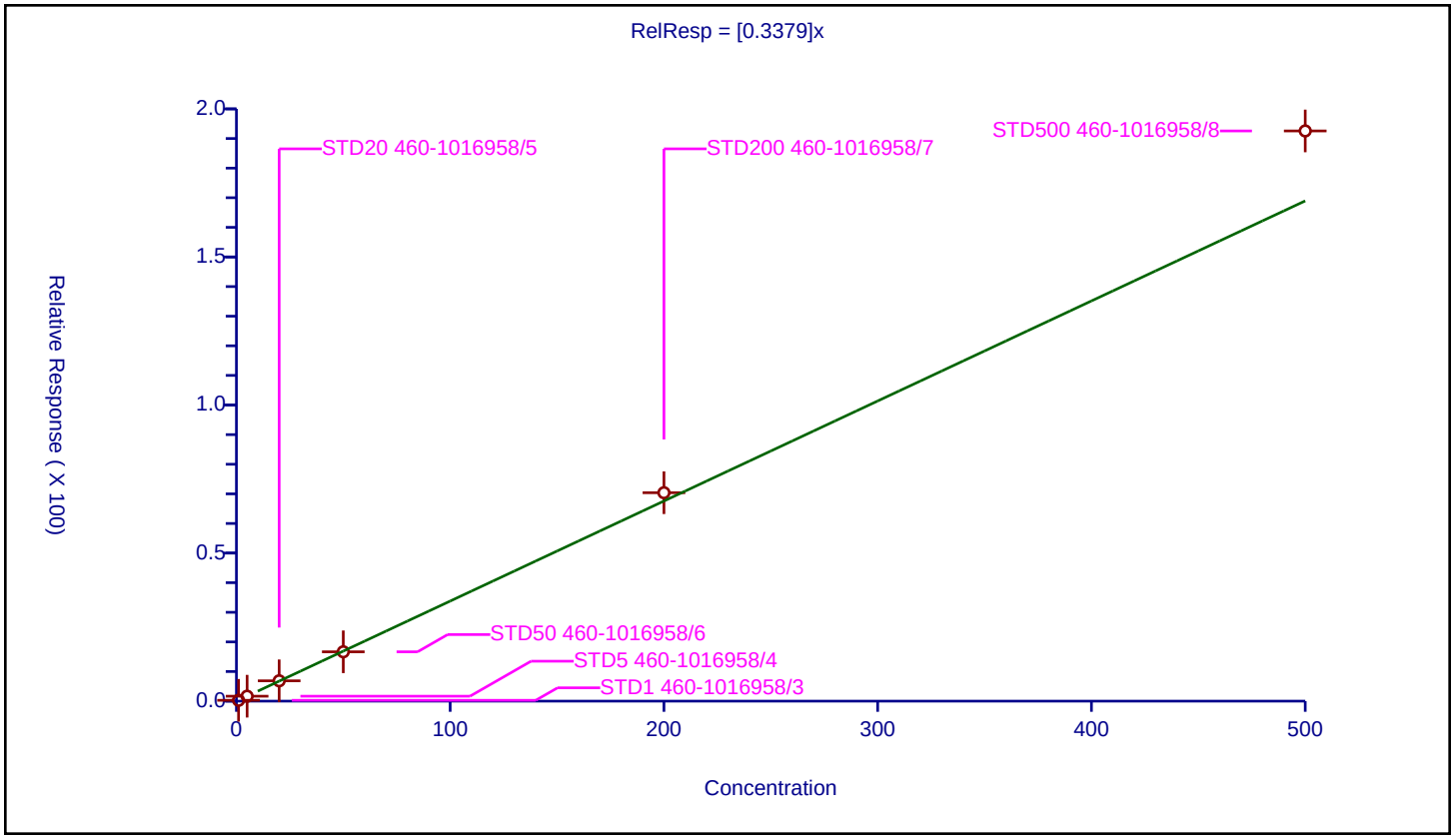
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.279149 | 50.0 | 360739.0 | 0.279149 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.67155 | 50.0 | 355628.0 | 0.33431 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.867922 | 50.0 | 370789.0 | 0.343396 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.666009 | 50.0 | 380118.0 | 0.33332 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 70.386436 | 50.0 | 441703.0 | 0.351932 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 192.557159 | 50.0 | 480764.0 | 0.385114 | Y |



## Calibration / Ethylbenzene

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

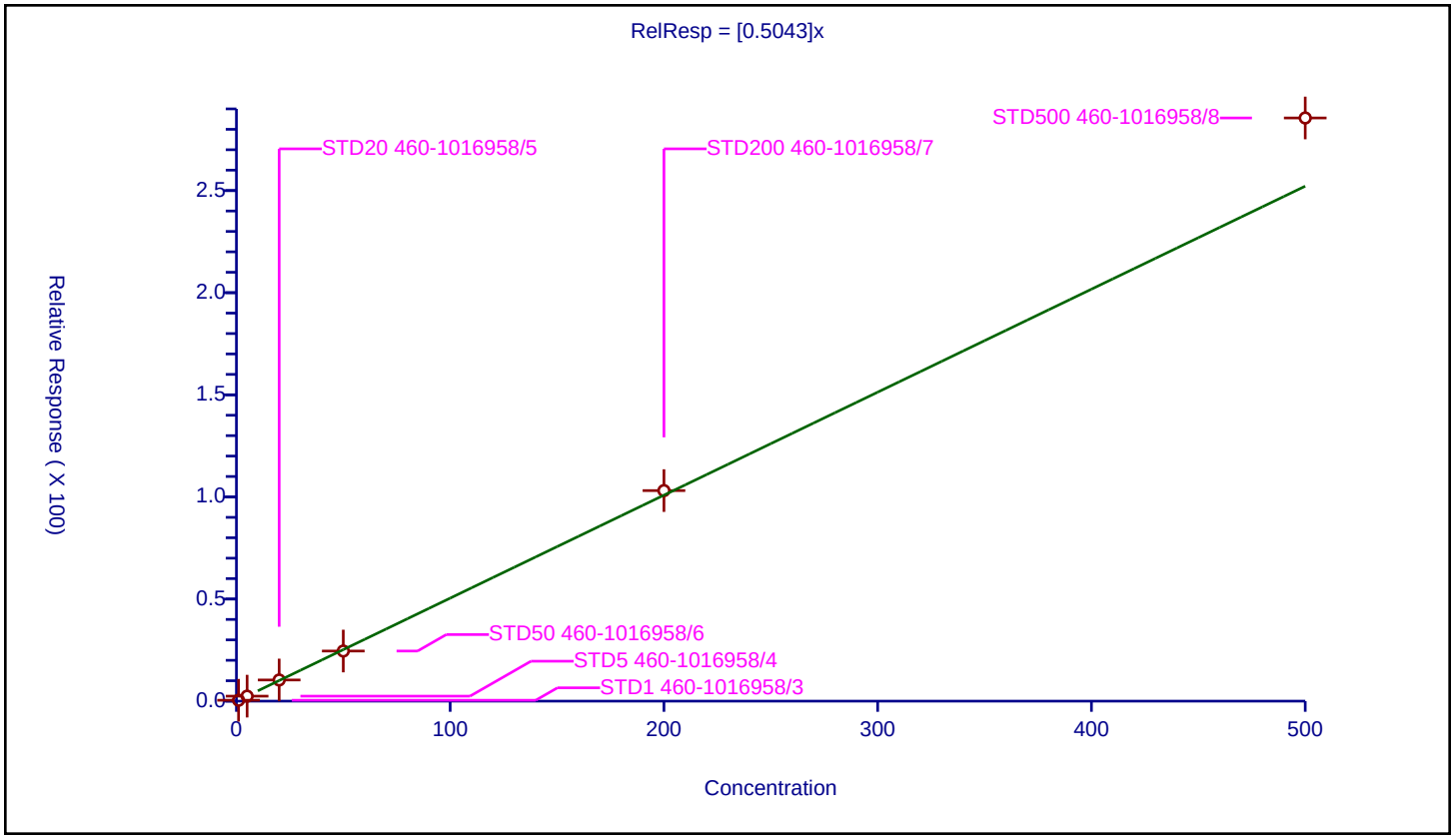
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5043 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.442425 | 50.0 | 360739.0 | 0.442425 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.439066 | 50.0 | 355628.0 | 0.487813 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 10.363441 | 50.0 | 370789.0 | 0.518172 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 24.540143 | 50.0 | 380118.0 | 0.490803 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 103.097104 | 50.0 | 441703.0 | 0.515486 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 285.555283 | 50.0 | 480764.0 | 0.571111 | Y |



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## Calibration / m-Xylene & p-Xylene

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

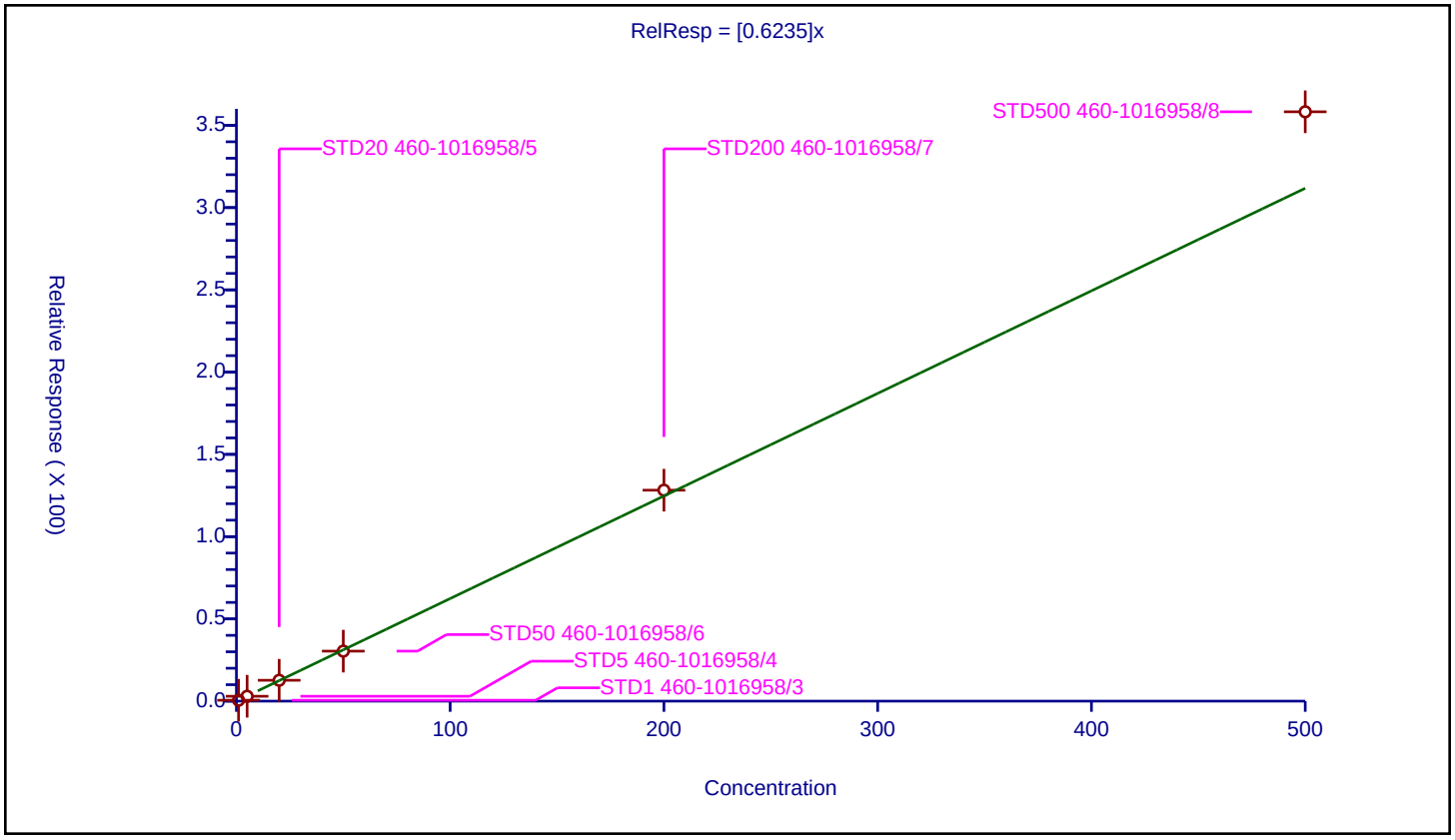
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6235 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.547764 | 50.0 | 360739.0 | 0.547764 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.967567 | 50.0 | 355628.0 | 0.593513 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 12.684168 | 50.0 | 370789.0 | 0.634208 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 30.401218 | 50.0 | 380118.0 | 0.608024 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 128.222358 | 50.0 | 441703.0 | 0.641112 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 358.236578 | 50.0 | 480764.0 | 0.716473 | Y |



## Calibration / o-Xylene

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

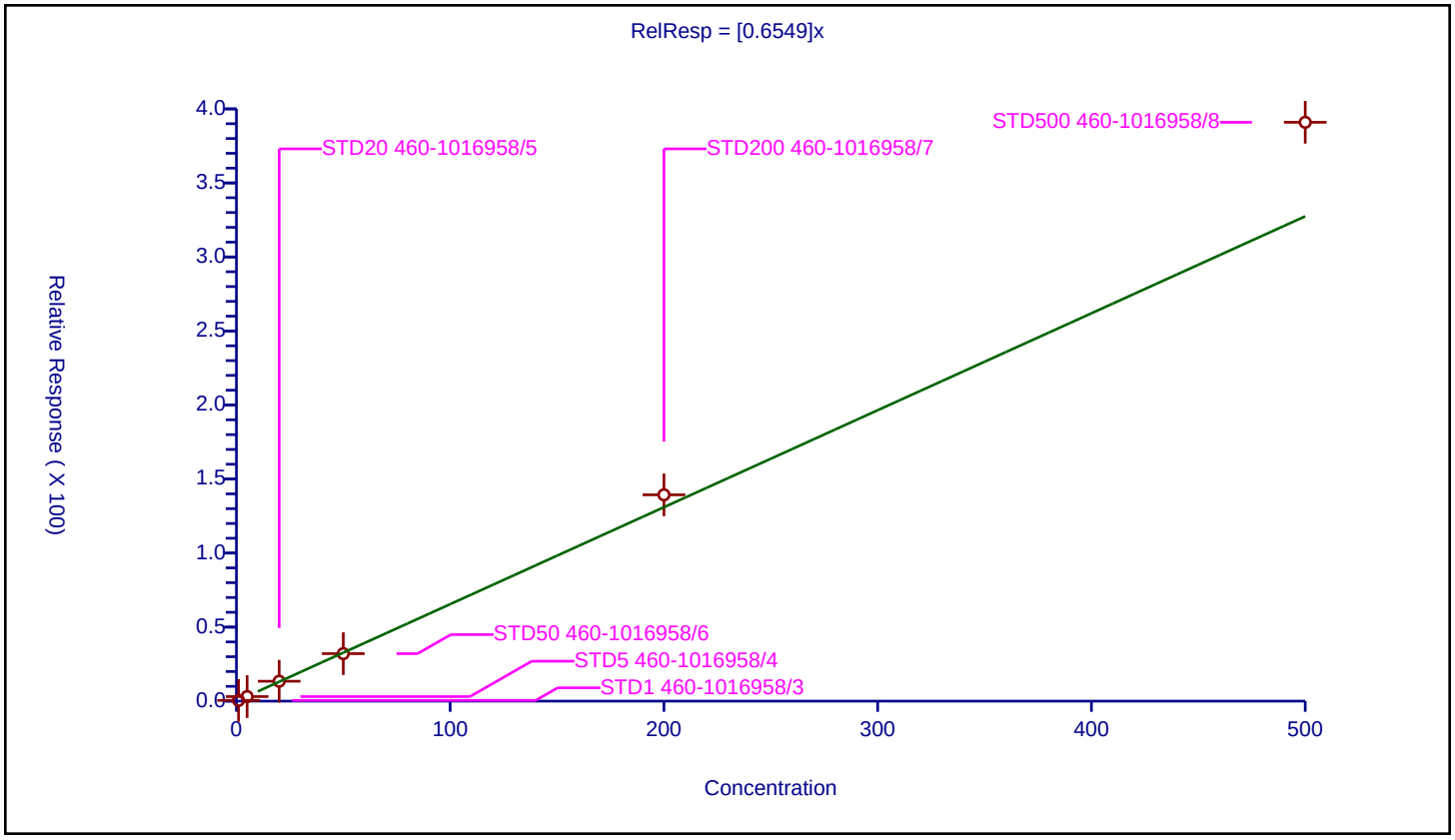
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6549 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.52143 | 50.0 | 360739.0 | 0.52143 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.078076 | 50.0 | 355628.0 | 0.615615 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 13.442821 | 50.0 | 370789.0 | 0.672141 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 32.080564 | 50.0 | 380118.0 | 0.641611 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 139.352914 | 50.0 | 441703.0 | 0.696765 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 390.946077 | 50.0 | 480764.0 | 0.781892 | Y |



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## Calibration / Styrene

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

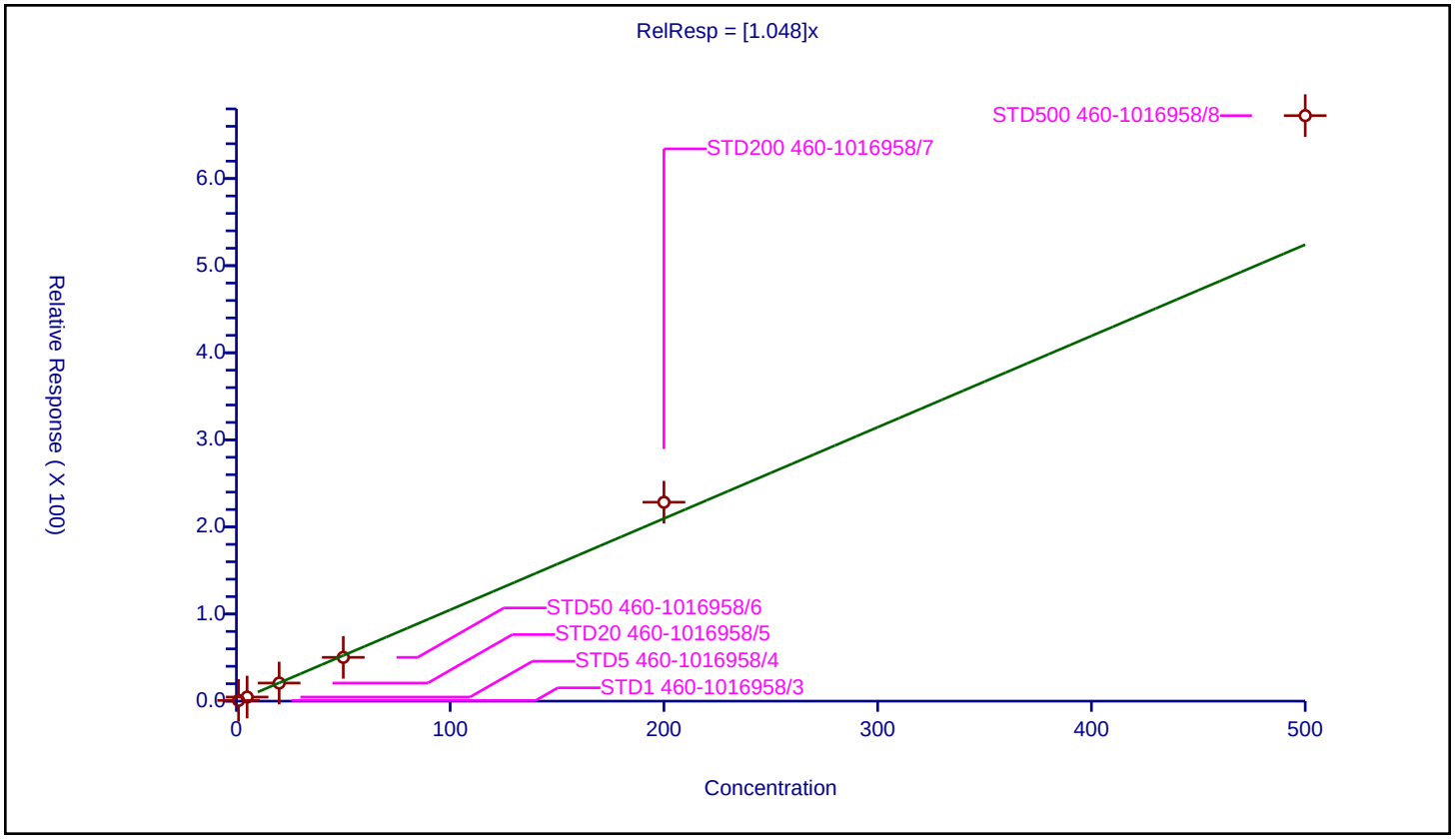
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.048 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.820399 | 50.0 | 360739.0 | 0.820399 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.694512 | 50.0 | 355628.0 | 0.938902 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 20.781361 | 50.0 | 370789.0 | 1.039068 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 50.24716 | 50.0 | 380118.0 | 1.004943 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 228.390231 | 50.0 | 441703.0 | 1.141951 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 672.26373 | 50.0 | 480764.0 | 1.344527 | Y |



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## Calibration / n-Butyl acrylate

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

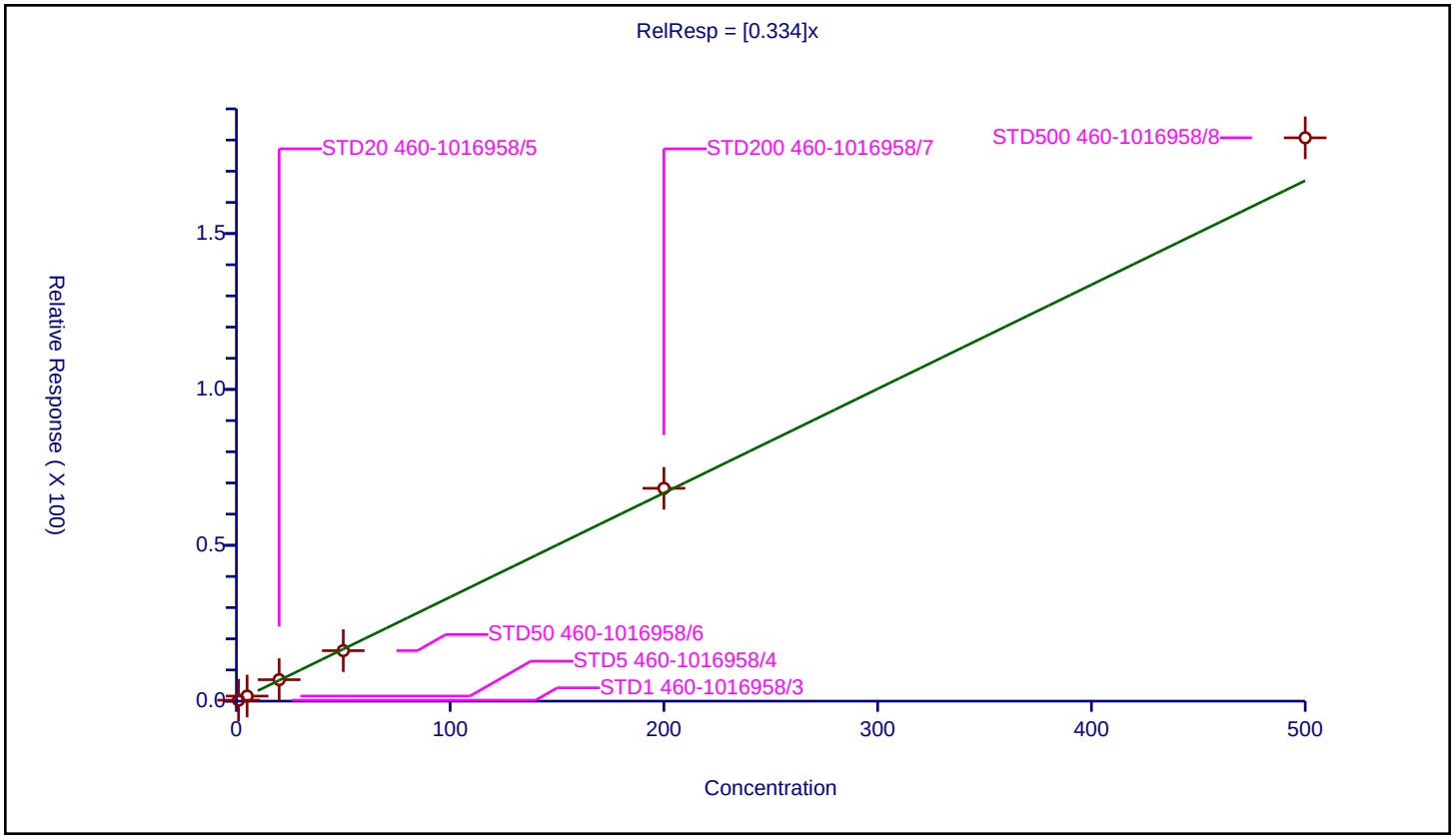
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.334 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.307286 | 50.0 | 360739.0 | 0.307286 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.627965 | 50.0 | 355628.0 | 0.325593 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.881407 | 50.0 | 370789.0 | 0.34407 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 16.196023 | 50.0 | 380118.0 | 0.32392 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 68.284345 | 50.0 | 441703.0 | 0.341422 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 180.718918 | 50.0 | 480764.0 | 0.361438 | Y |



## Calibration / Bromoform

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

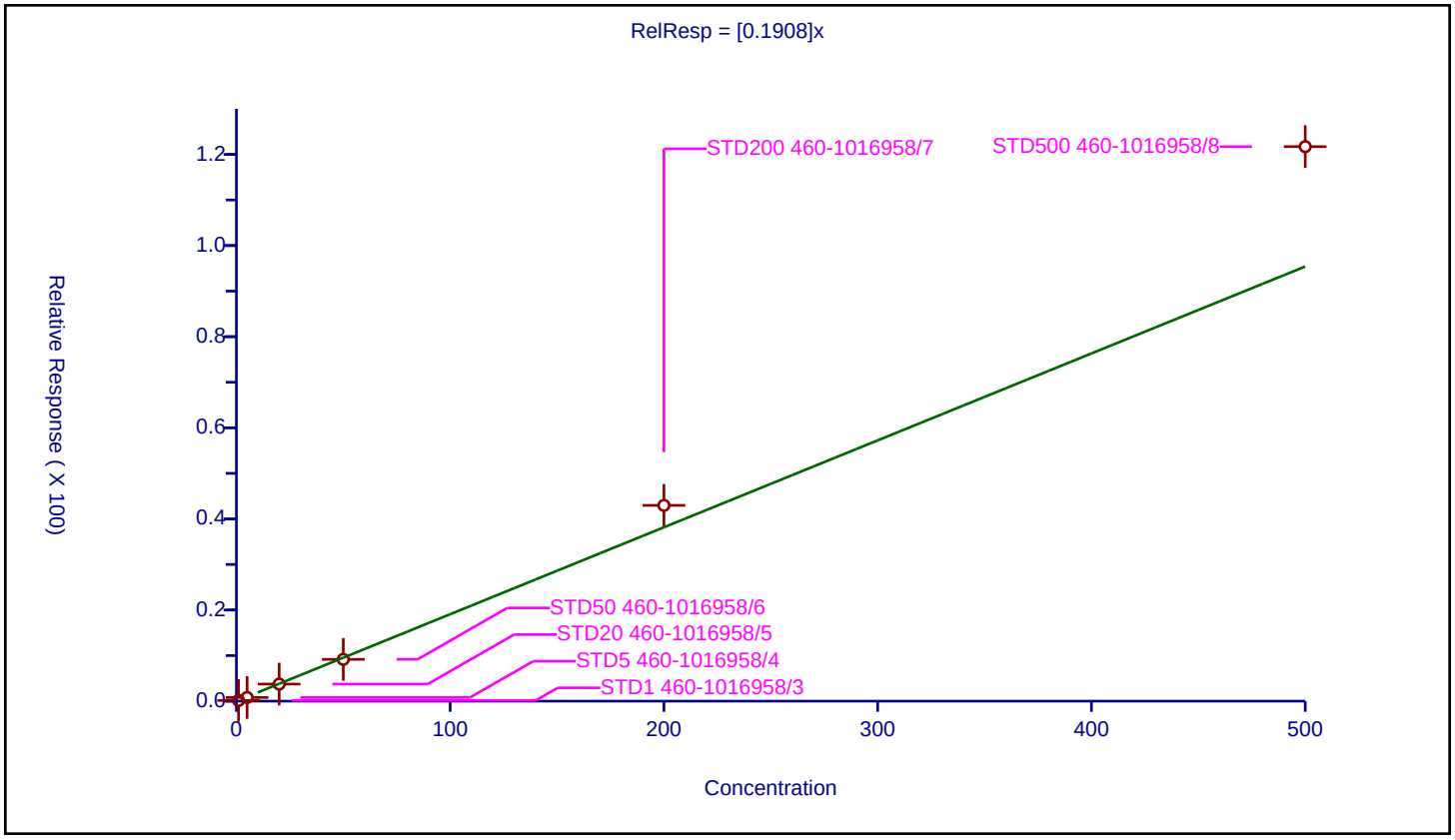
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1908 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.15593 | 50.0 | 360739.0 | 0.15593 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.799571 | 50.0 | 355628.0 | 0.159914 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 3.745392 | 50.0 | 370789.0 | 0.18727 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 9.168995 | 50.0 | 380118.0 | 0.18338 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 42.970503 | 50.0 | 441703.0 | 0.214853 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 121.716892 | 50.0 | 480764.0 | 0.243434 | Y |



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## Calibration / Amyl acetate (mixed isomers)

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

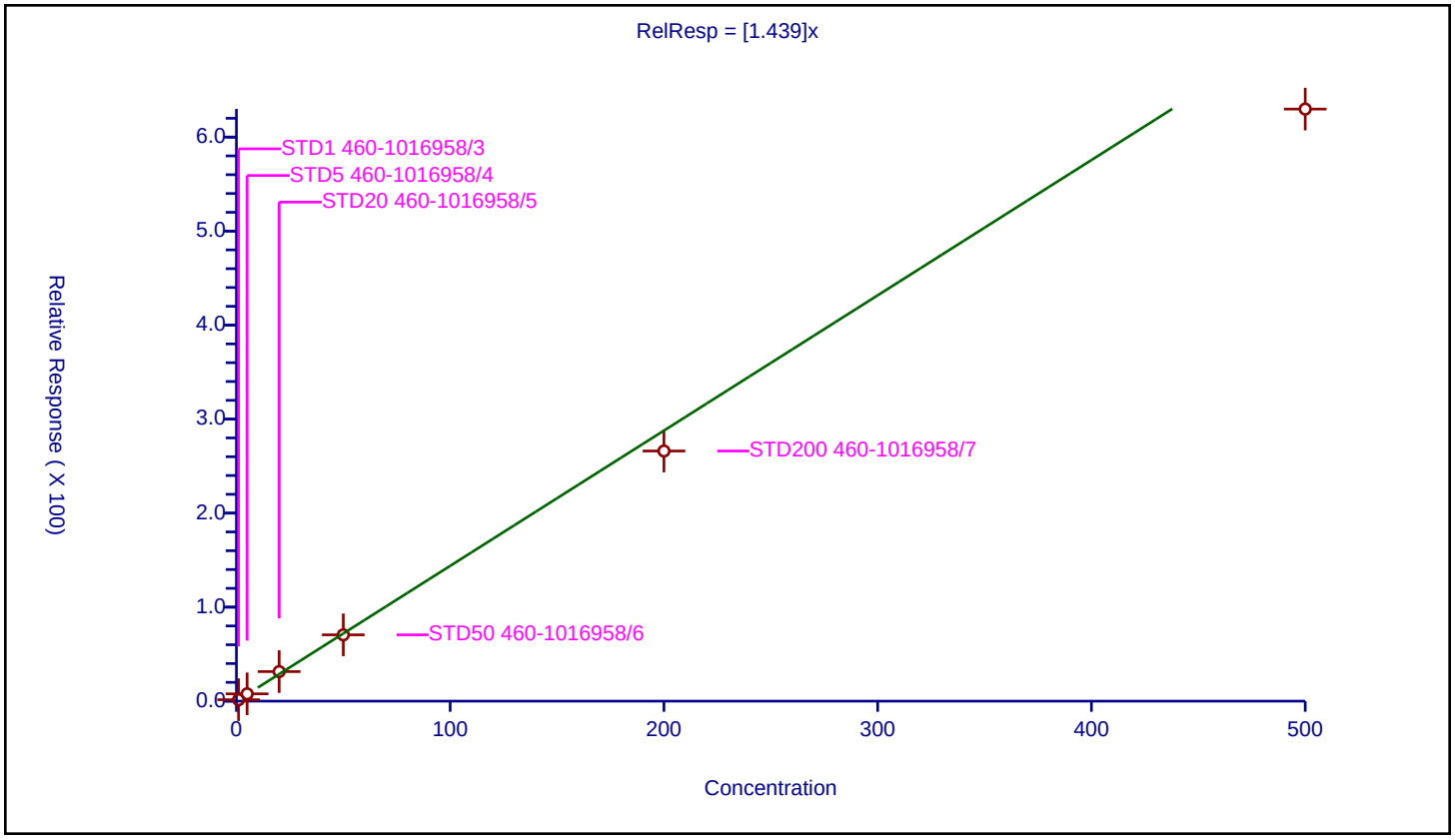
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.439 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.504192 | 50.0 | 199077.0 | 1.504192 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 7.786919 | 50.0 | 194114.0 | 1.557384 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 31.435126 | 50.0 | 203139.0 | 1.571756 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 70.519521 | 50.0 | 214486.0 | 1.41039 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 266.085519 | 50.0 | 261064.0 | 1.330428 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 629.805711 | 50.0 | 311135.0 | 1.259611 | Y |



## Calibration / (-)-a-Pinene

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

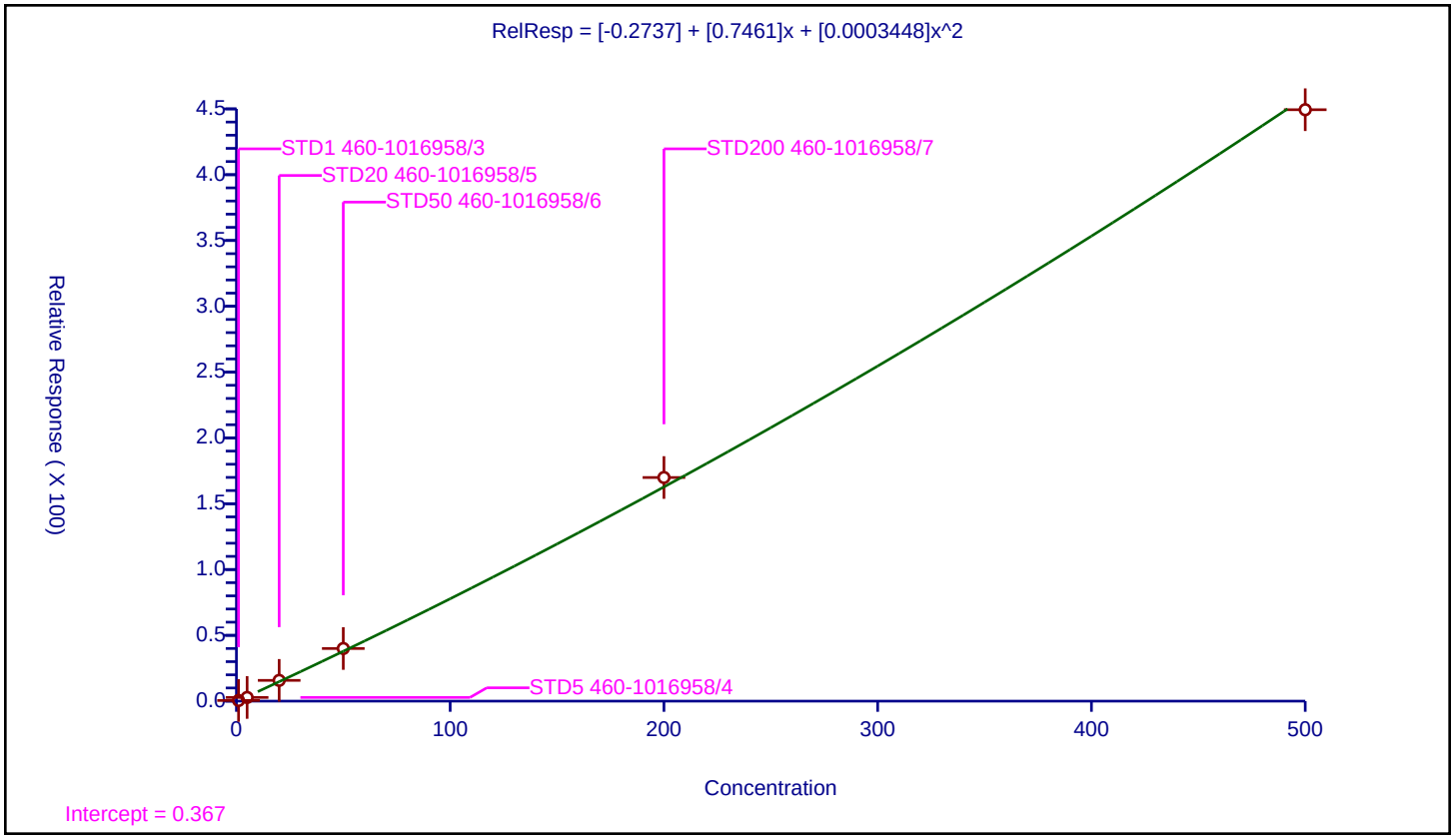
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.2737 |
| **Slope:** | 0.7461 |
| **Second Order:** | 0.0003448 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.495511 | 50.0 | 360739.0 | 0.495511 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 2.811224 | 50.0 | 355628.0 | 0.562245 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 15.776493 | 50.0 | 370789.0 | 0.788825 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 40.000079 | 50.0 | 380118.0 | 0.800002 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 169.912475 | 50.0 | 441703.0 | 0.849562 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 449.372457 | 50.0 | 480764.0 | 0.898745 | Y |



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## Calibration / Isopropylbenzene

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

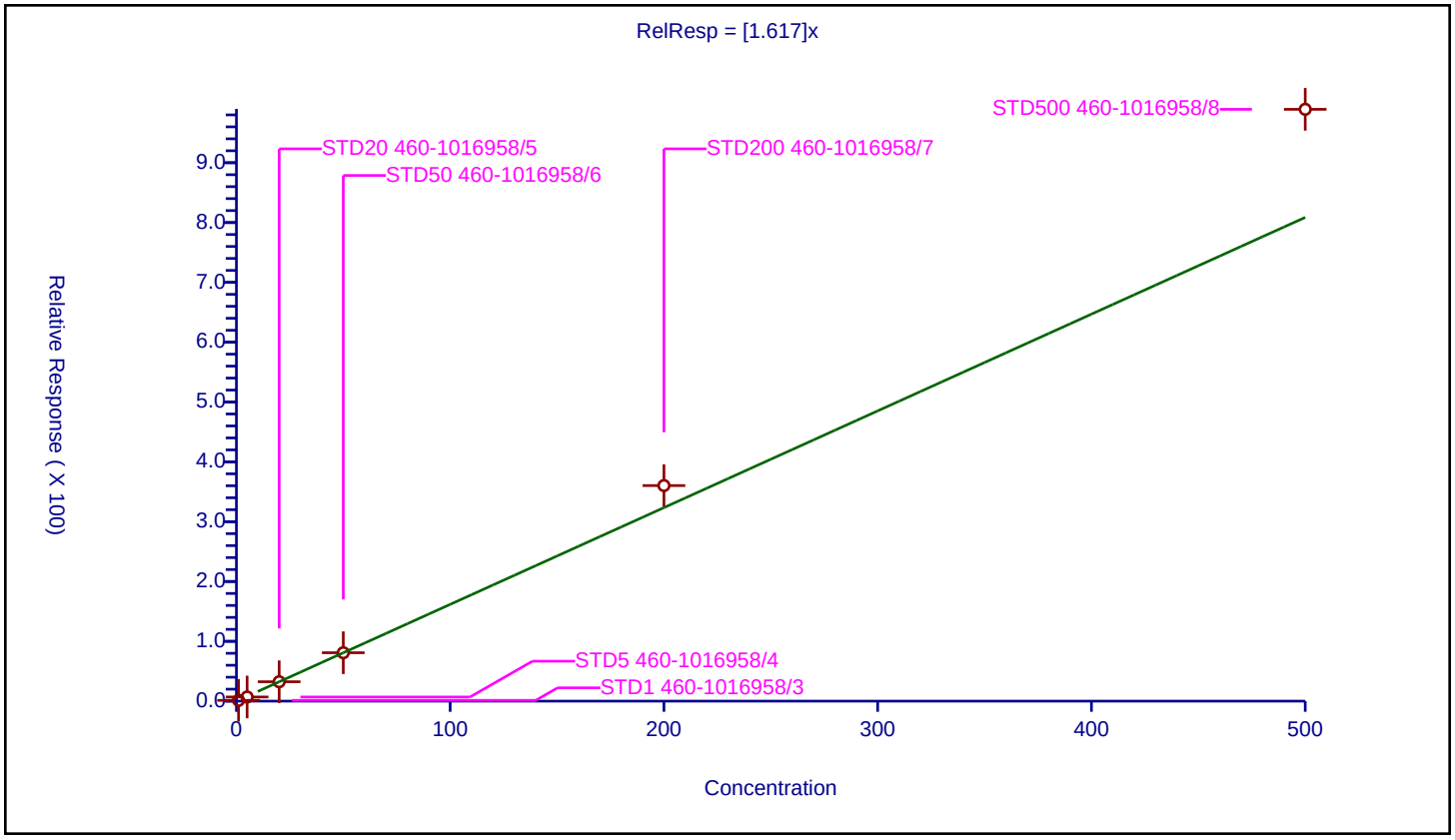
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.617 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.296644 | 50.0 | 360739.0 | 1.296644 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 6.929854 | 50.0 | 355628.0 | 1.385971 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 32.455386 | 50.0 | 370789.0 | 1.622769 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 80.897642 | 50.0 | 380118.0 | 1.617953 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 360.33398 | 50.0 | 441703.0 | 1.80167 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 989.288091 | 50.0 | 480764.0 | 1.978576 | Y |



## Calibration / 4-Bromofluorobenzene

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

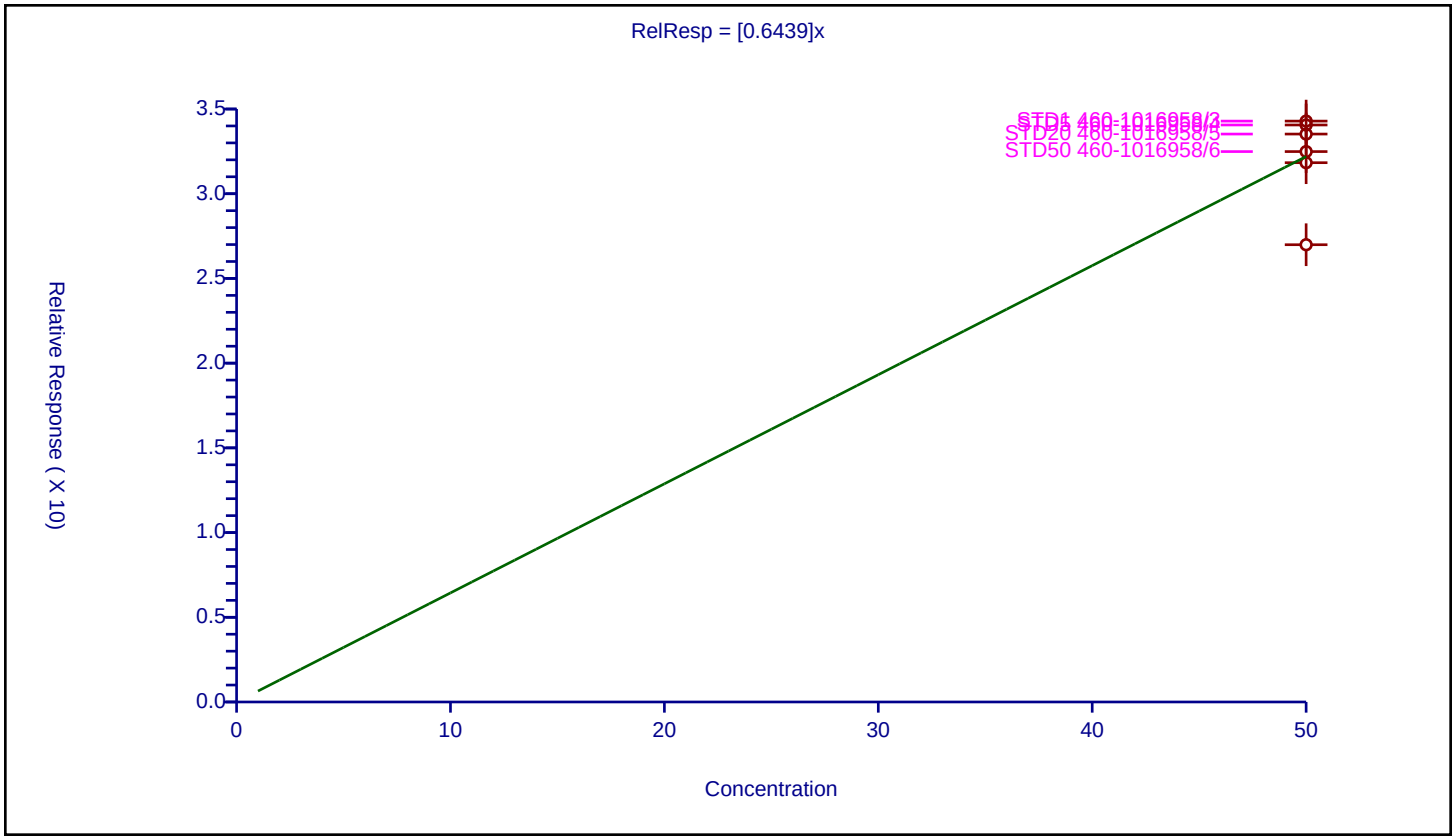
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6439 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 50.0 | 34.287487 | 50.0 | 199077.0 | 0.68575 | Y |
| 2 | STD5 460-1016958/4 | 50.0 | 34.057822 | 50.0 | 194114.0 | 0.681156 | Y |
| 3 | STD20 460-1016958/5 | 50.0 | 33.521628 | 50.0 | 203139.0 | 0.670433 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 32.487435 | 50.0 | 214486.0 | 0.649749 | Y |
| 5 | STD200 460-1016958/7 | 50.0 | 31.830892 | 50.0 | 261064.0 | 0.636618 | Y |
| 6 | STD500 460-1016958/8 | 50.0 | 26.989249 | 50.0 | 311135.0 | 0.539785 | Y |



## Calibration / Bromobenzene

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

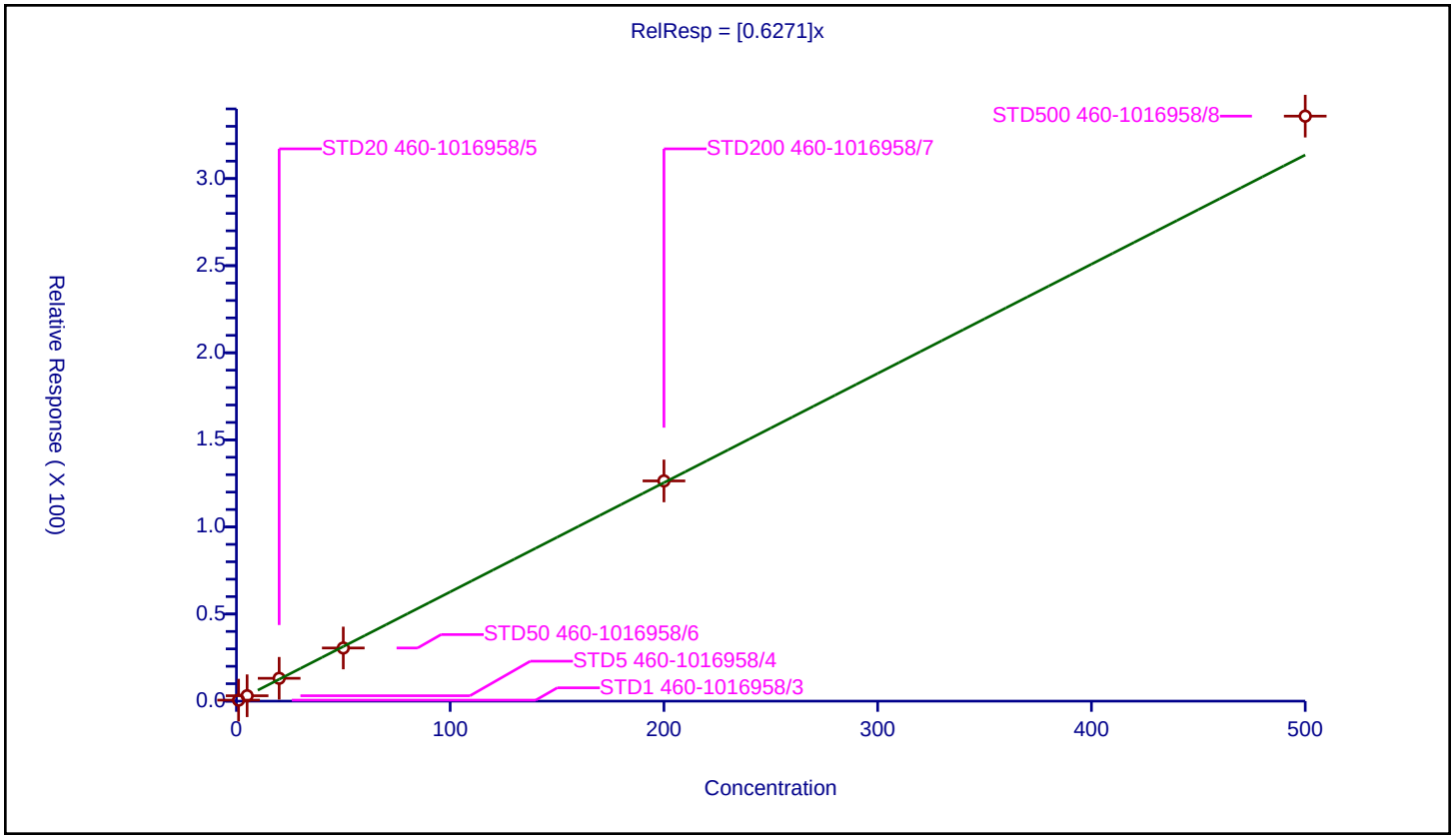
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6271 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.574401 | 50.0 | 199077.0 | 0.574401 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.091225 | 50.0 | 194114.0 | 0.618245 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 13.118604 | 50.0 | 203139.0 | 0.65593 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 30.504788 | 50.0 | 214486.0 | 0.610096 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 126.432407 | 50.0 | 261064.0 | 0.632162 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 335.847944 | 50.0 | 311135.0 | 0.671696 | Y |



## Calibration / 1,1,2,2-Tetrachloroethane

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

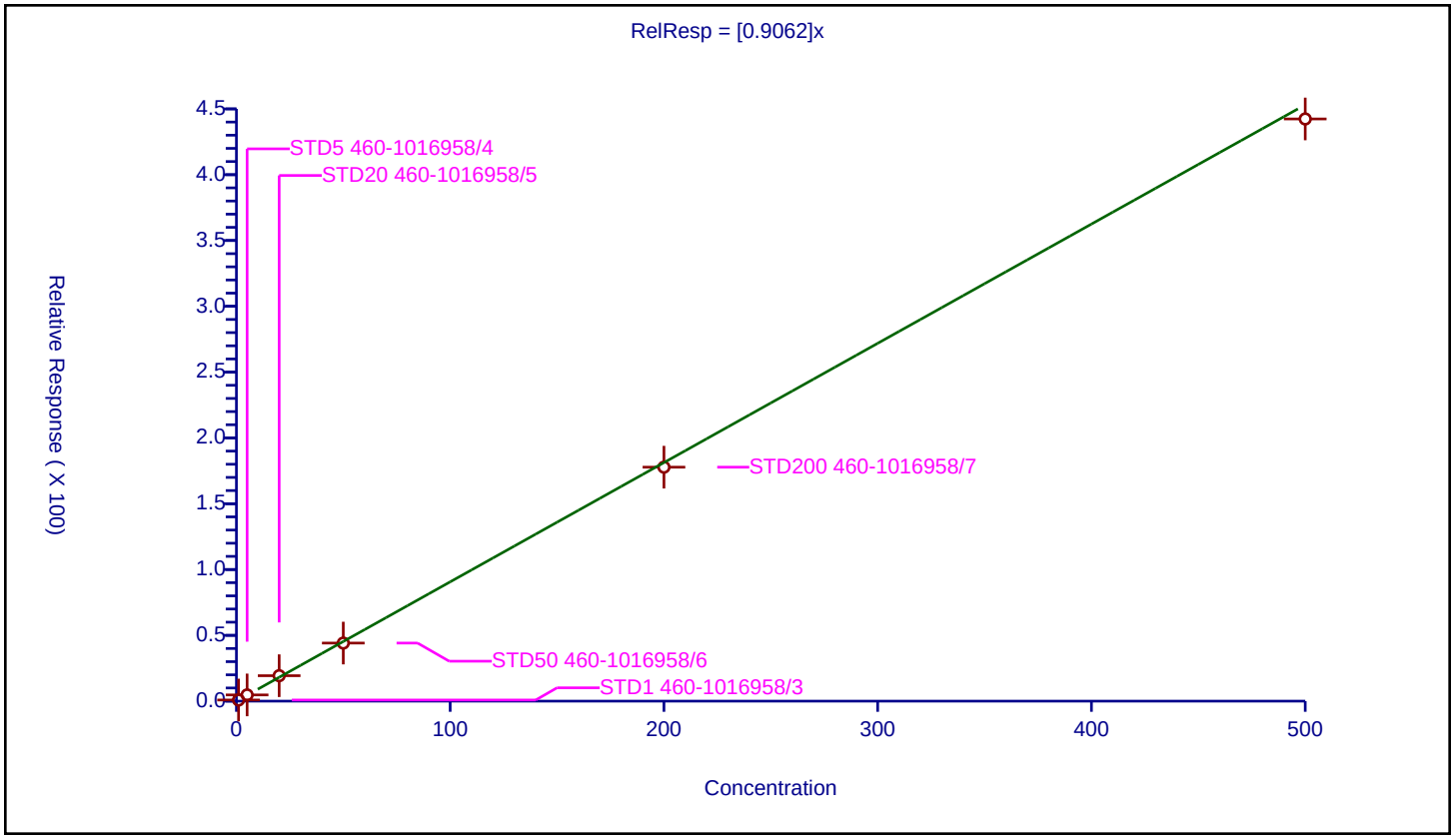
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9062 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.867252 | 50.0 | 199077.0 | 0.867252 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.734589 | 50.0 | 194114.0 | 0.946918 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 19.343898 | 50.0 | 203139.0 | 0.967195 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 44.120828 | 50.0 | 214486.0 | 0.882417 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 177.779587 | 50.0 | 261064.0 | 0.888898 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 442.340945 | 50.0 | 311135.0 | 0.884682 | Y |



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## Calibration / 1,2,3-Trichloropropane

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

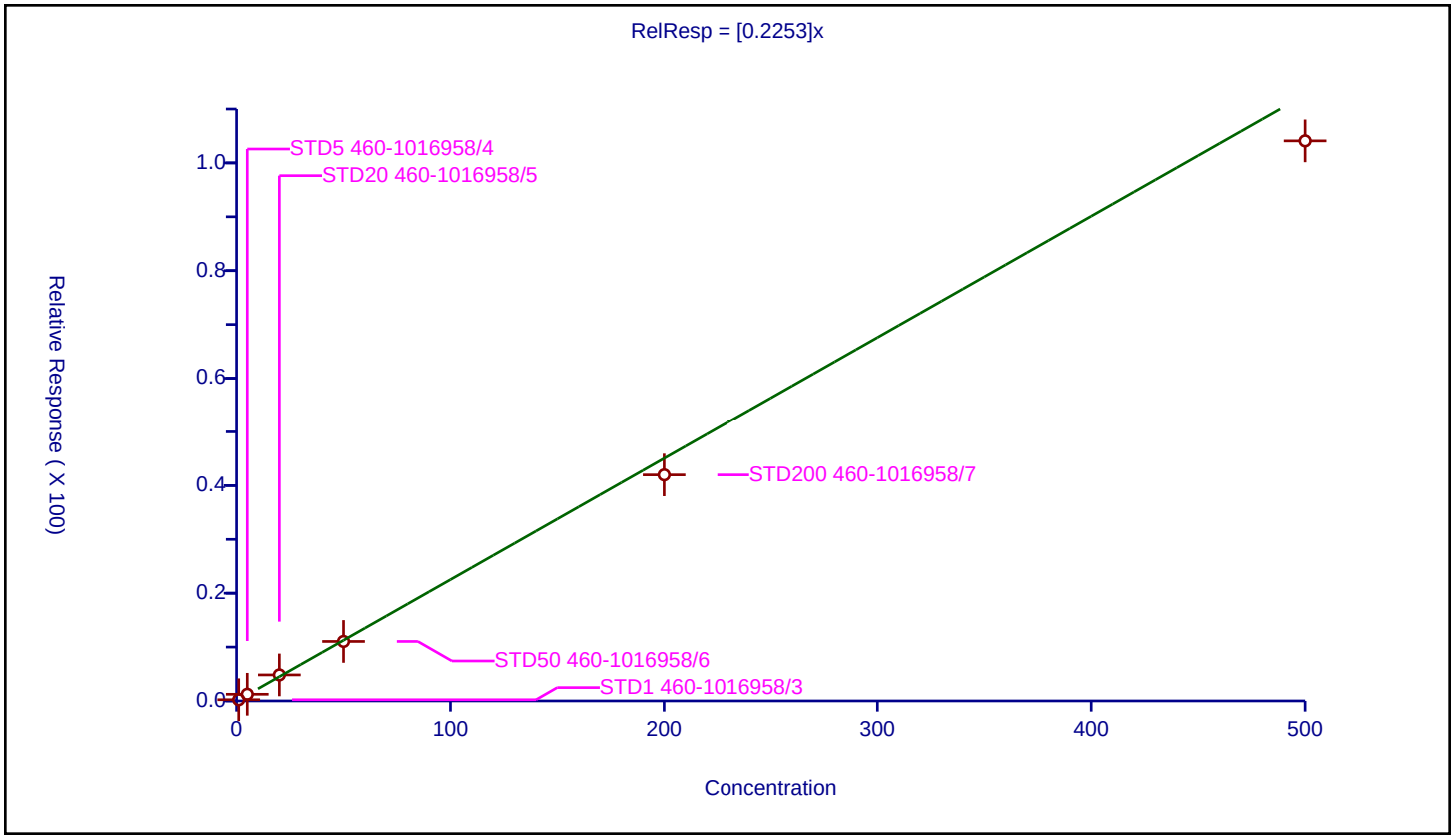
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2253 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.223029 | 50.0 | 199077.0 | 0.223029 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.239993 | 50.0 | 194114.0 | 0.247999 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 4.830436 | 50.0 | 203139.0 | 0.241522 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 11.044311 | 50.0 | 214486.0 | 0.220886 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 41.98549 | 50.0 | 261064.0 | 0.209927 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 104.092596 | 50.0 | 311135.0 | 0.208185 | Y |



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## Calibration / trans-1,4-Dichloro-2-butene

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

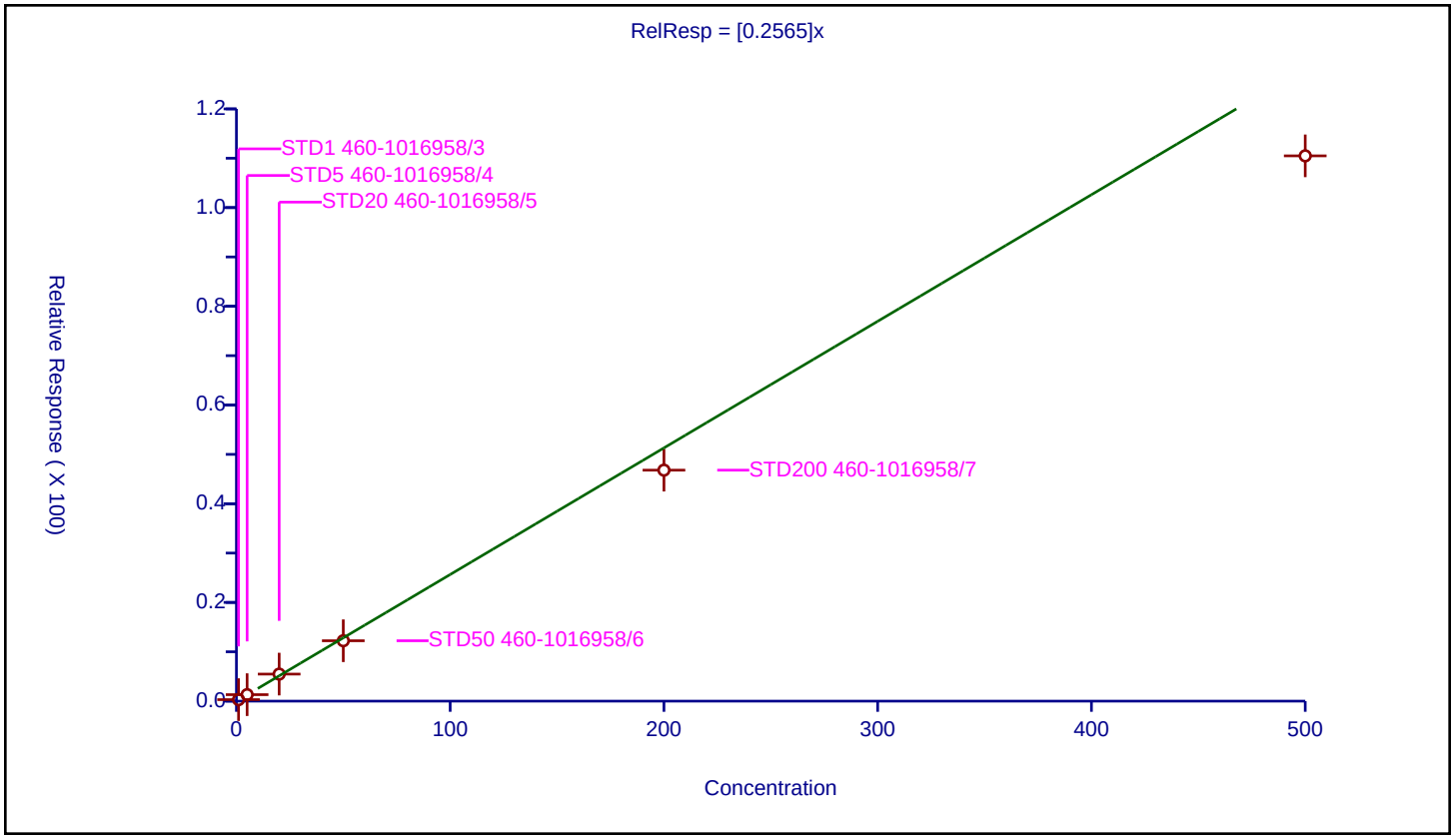
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2565 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.303149 | 50.0 | 199077.0 | 0.303149 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.311858 | 50.0 | 194114.0 | 0.262372 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 5.478515 | 50.0 | 203139.0 | 0.273926 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 12.239027 | 50.0 | 214486.0 | 0.244781 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 46.799444 | 50.0 | 261064.0 | 0.233997 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 110.487248 | 50.0 | 311135.0 | 0.220974 | Y |



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## Calibration / N-Propylbenzene

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

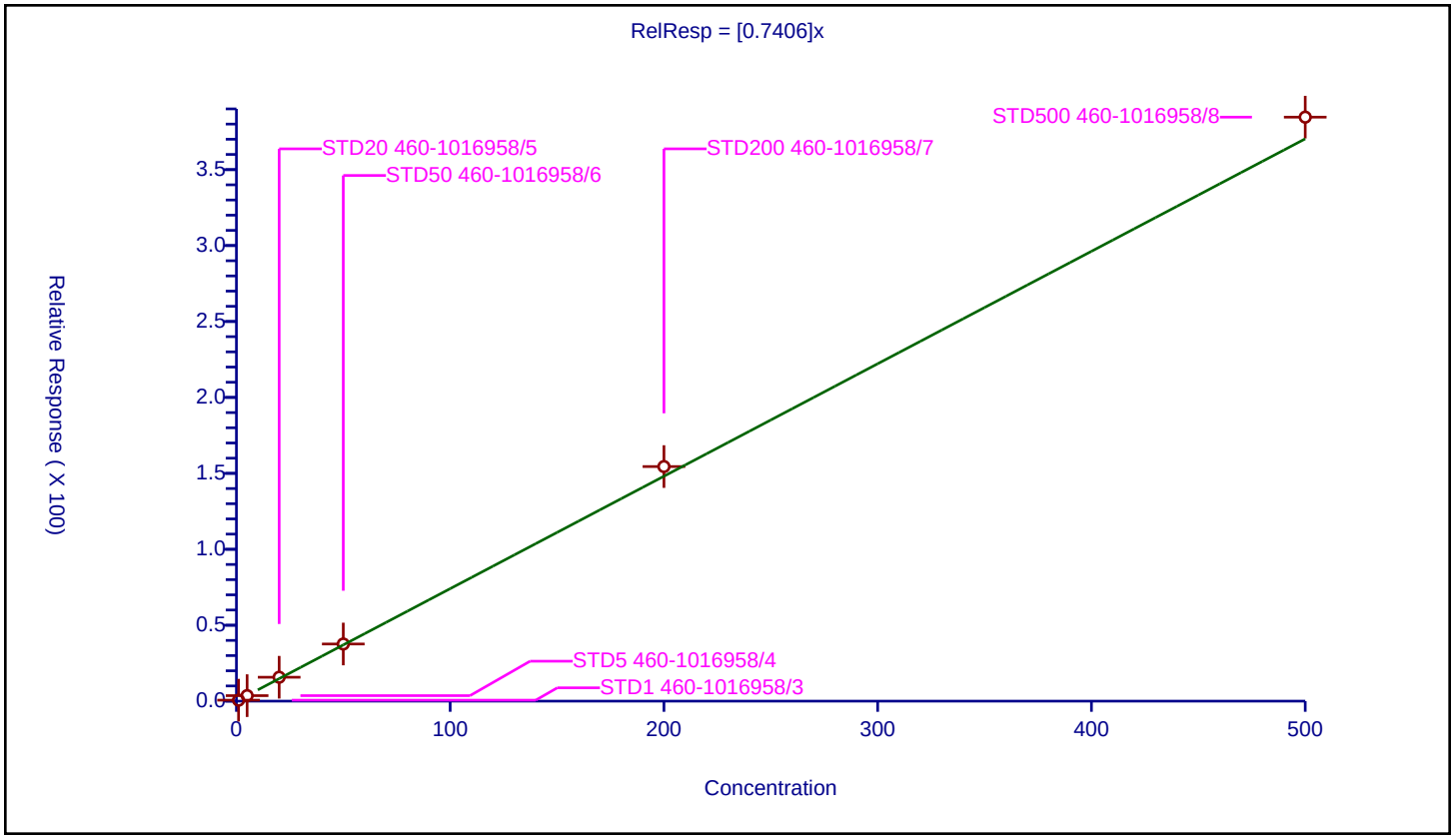
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7406 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.637442 | 50.0 | 199077.0 | 0.637442 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.624159 | 50.0 | 194114.0 | 0.724832 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 15.7407 | 50.0 | 203139.0 | 0.787035 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 37.630428 | 50.0 | 214486.0 | 0.752609 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 154.464423 | 50.0 | 261064.0 | 0.772322 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 384.563453 | 50.0 | 311135.0 | 0.769127 | Y |



## Calibration / 2-Chlorotoluene

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

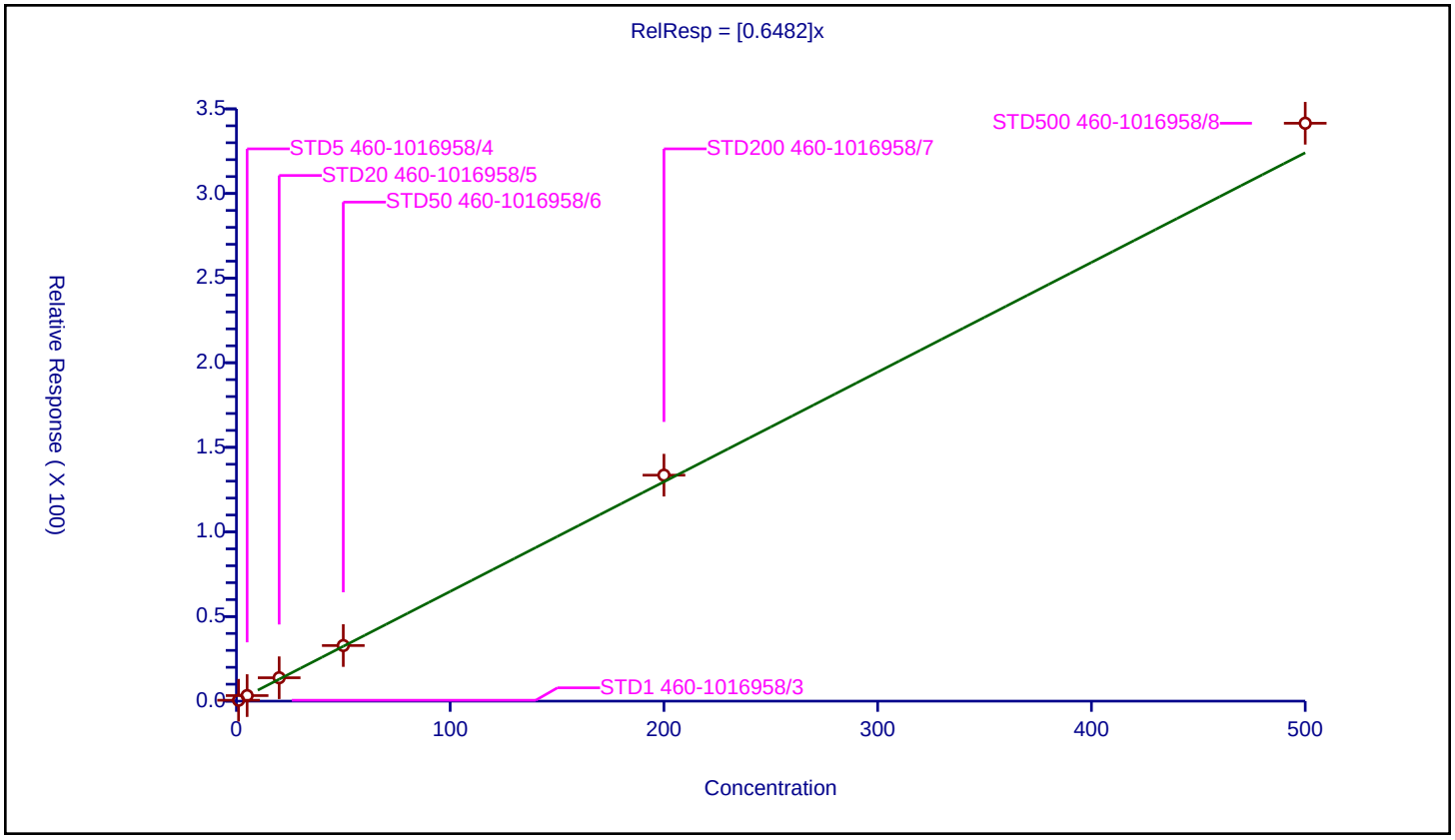
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6482 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.532206 | 50.0 | 199077.0 | 0.532206 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 3.288531 | 50.0 | 194114.0 | 0.657706 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 13.825755 | 50.0 | 203139.0 | 0.691288 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 32.850629 | 50.0 | 214486.0 | 0.657013 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 133.545606 | 50.0 | 261064.0 | 0.667728 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 341.522008 | 50.0 | 311135.0 | 0.683044 | Y |



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## Calibration / 4-Ethyltoluene

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

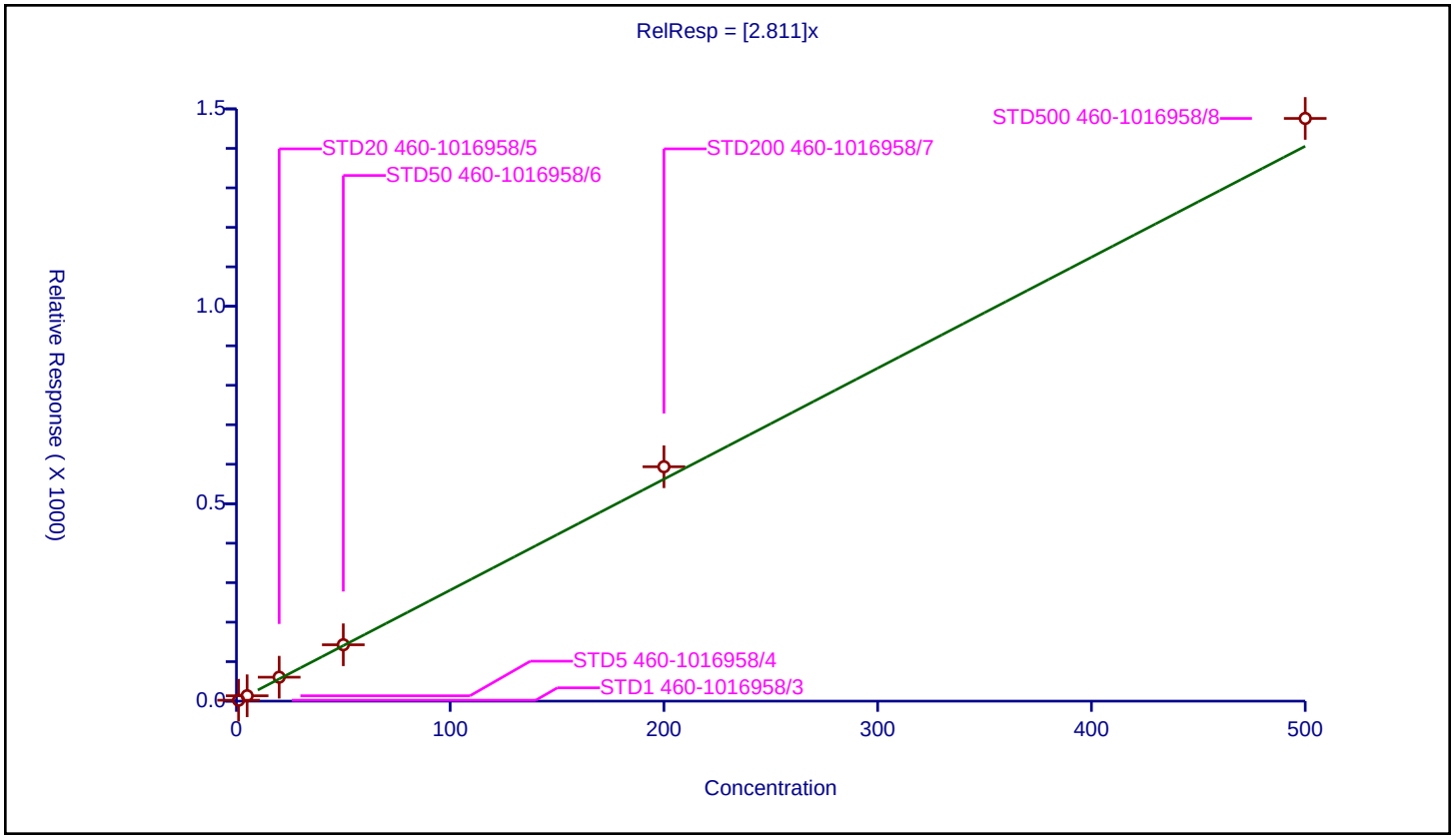
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.811 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.339045 | 50.0 | 199077.0 | 2.339045 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 13.602316 | 50.0 | 194114.0 | 2.720463 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 60.619822 | 50.0 | 203139.0 | 3.030991 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 142.792537 | 50.0 | 214486.0 | 2.855851 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 593.631638 | 50.0 | 261064.0 | 2.968158 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1475.82866 | 50.0 | 311135.0 | 2.951657 | Y |



## Calibration / 4-Chlorotoluene

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

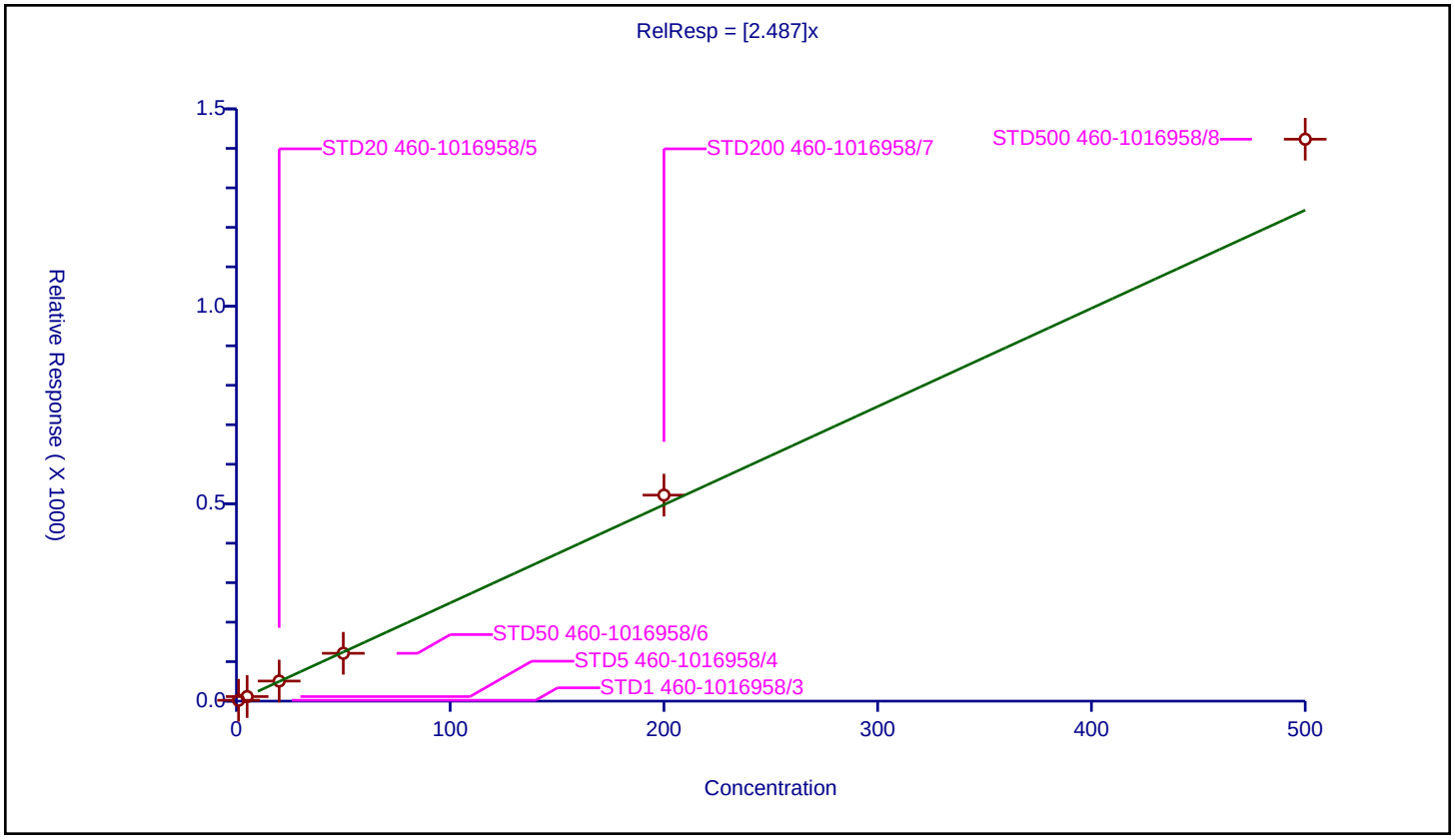
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.487 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.187596 | 50.0 | 199077.0 | 2.187596 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 11.566657 | 50.0 | 194114.0 | 2.313331 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 50.875509 | 50.0 | 203139.0 | 2.543775 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 121.16968 | 50.0 | 214486.0 | 2.423394 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 521.811893 | 50.0 | 261064.0 | 2.609059 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1423.249233 | 50.0 | 311135.0 | 2.846498 | Y |



## Calibration / 1,3,5-Trimethylbenzene

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

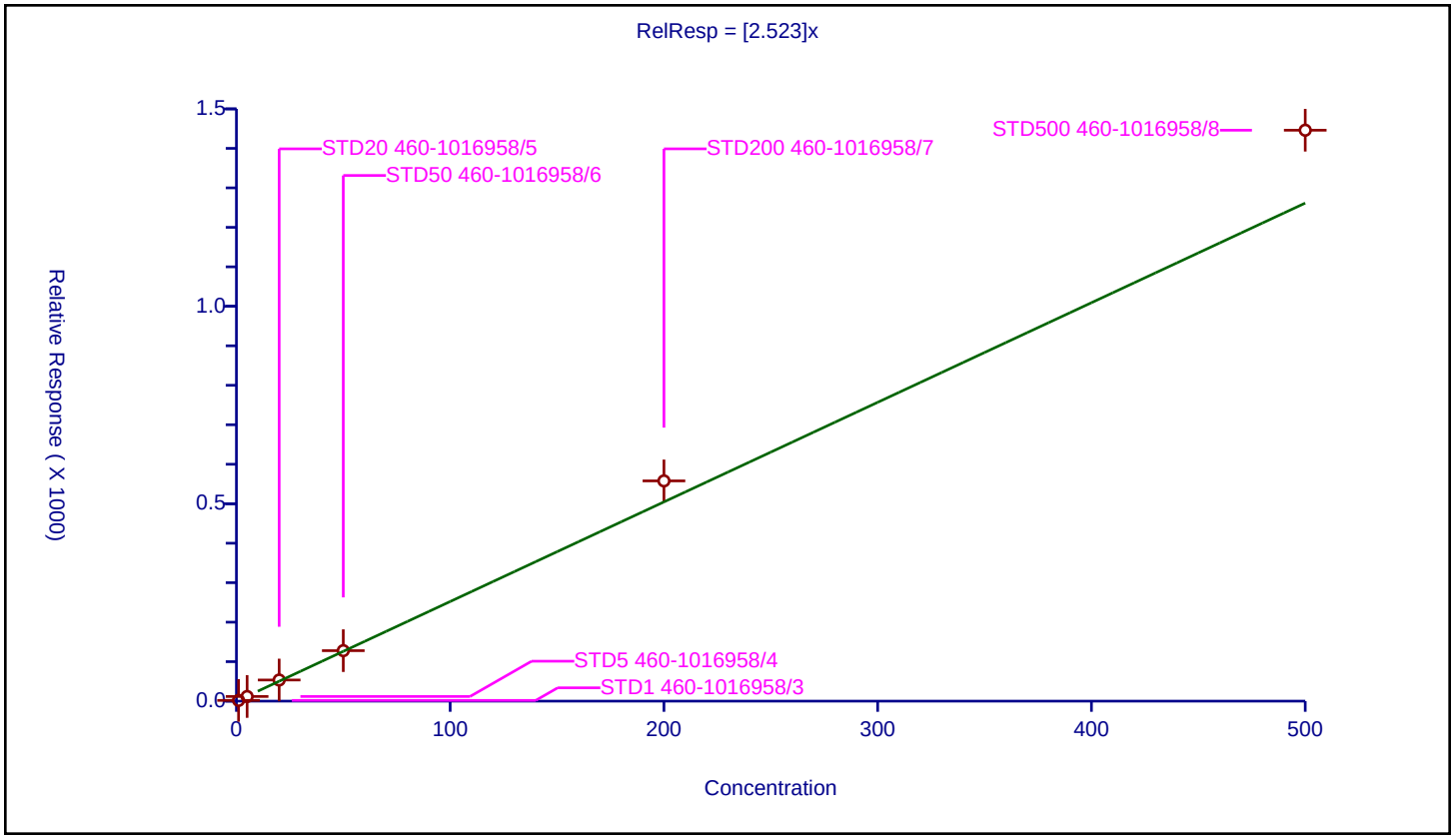
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.523 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.874149 | 50.0 | 199077.0 | 1.874149 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 11.746706 | 50.0 | 194114.0 | 2.349341 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 53.501543 | 50.0 | 203139.0 | 2.675077 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 127.854499 | 50.0 | 214486.0 | 2.55709 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 557.828923 | 50.0 | 261064.0 | 2.789145 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1445.988879 | 50.0 | 311135.0 | 2.891978 | Y |



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## Calibration / Butyl Methacrylate

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

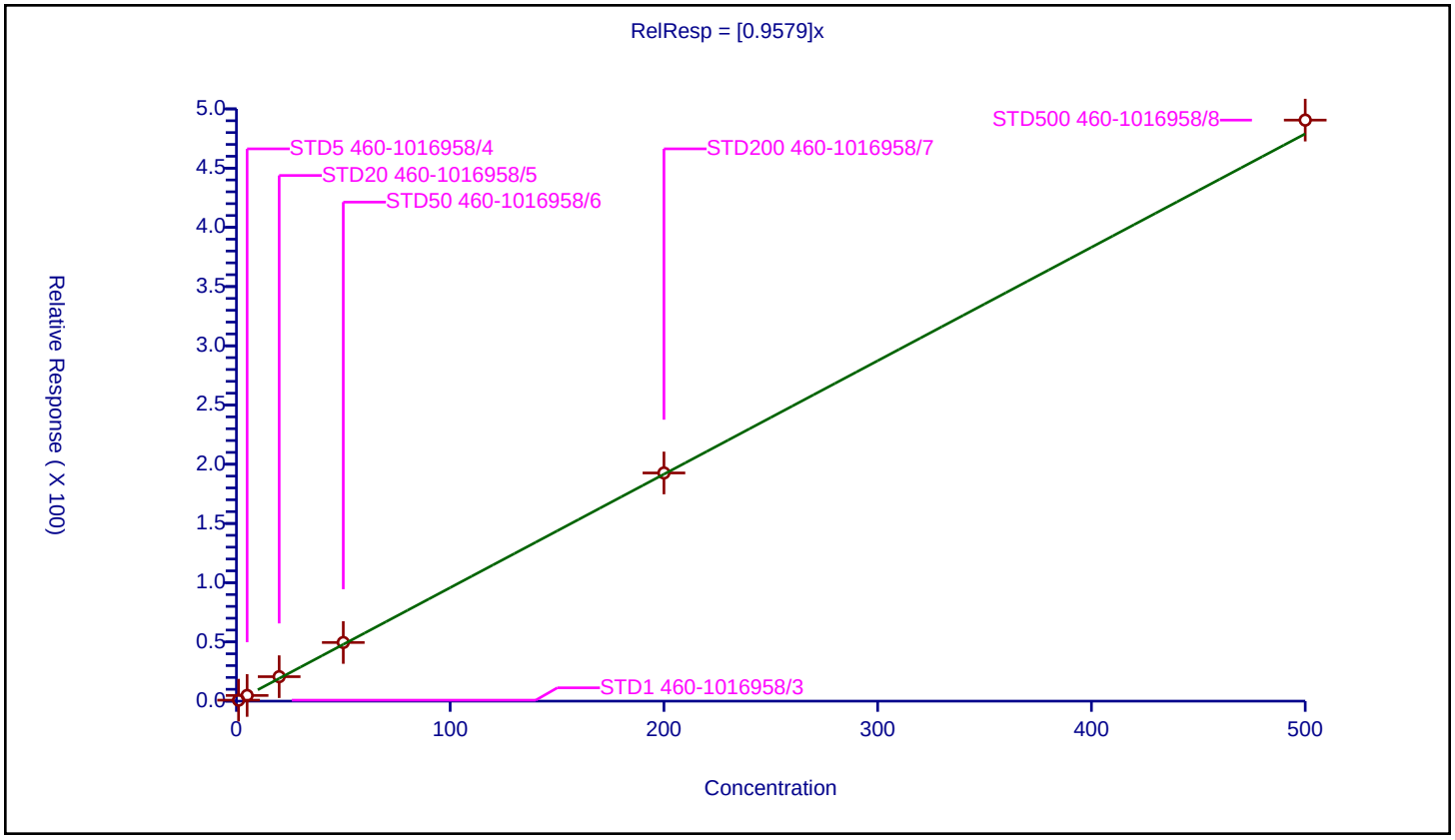
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9579 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.81903 | 50.0 | 199077.0 | 0.81903 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.806712 | 50.0 | 194114.0 | 0.961342 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 20.647438 | 50.0 | 203139.0 | 1.032372 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 49.520015 | 50.0 | 214486.0 | 0.9904 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 192.64778 | 50.0 | 261064.0 | 0.963239 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 490.534977 | 50.0 | 311135.0 | 0.98107 | Y |



## Calibration / tert-Butylbenzene

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

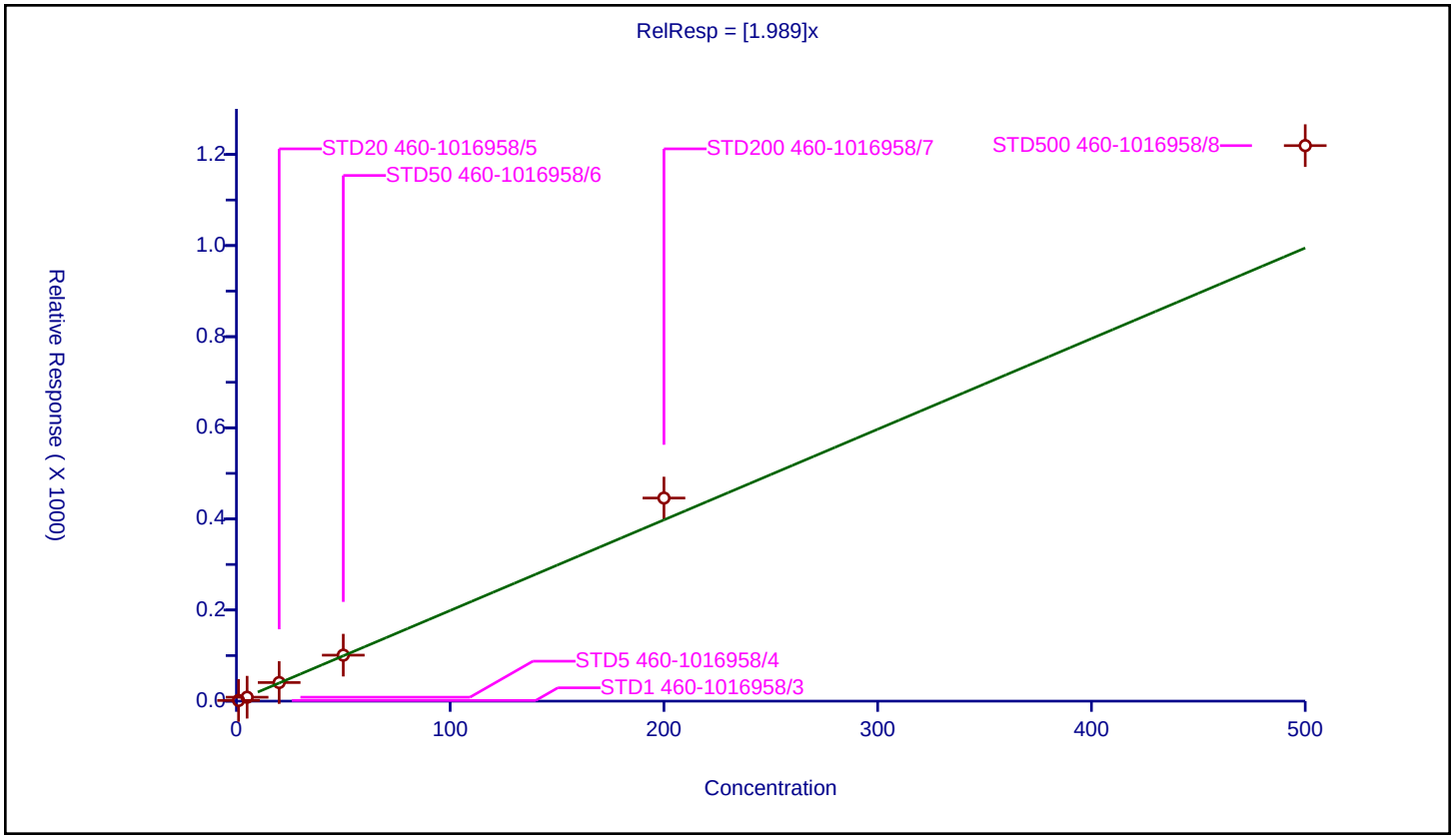
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.989 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.488369 | 50.0 | 199077.0 | 1.488369 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 8.597525 | 50.0 | 194114.0 | 1.719505 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 40.833863 | 50.0 | 203139.0 | 2.041693 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 100.941553 | 50.0 | 214486.0 | 2.018831 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 445.822863 | 50.0 | 261064.0 | 2.229114 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1219.400421 | 50.0 | 311135.0 | 2.438801 | Y |



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## Calibration / 1,2,4-Trimethylbenzene

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

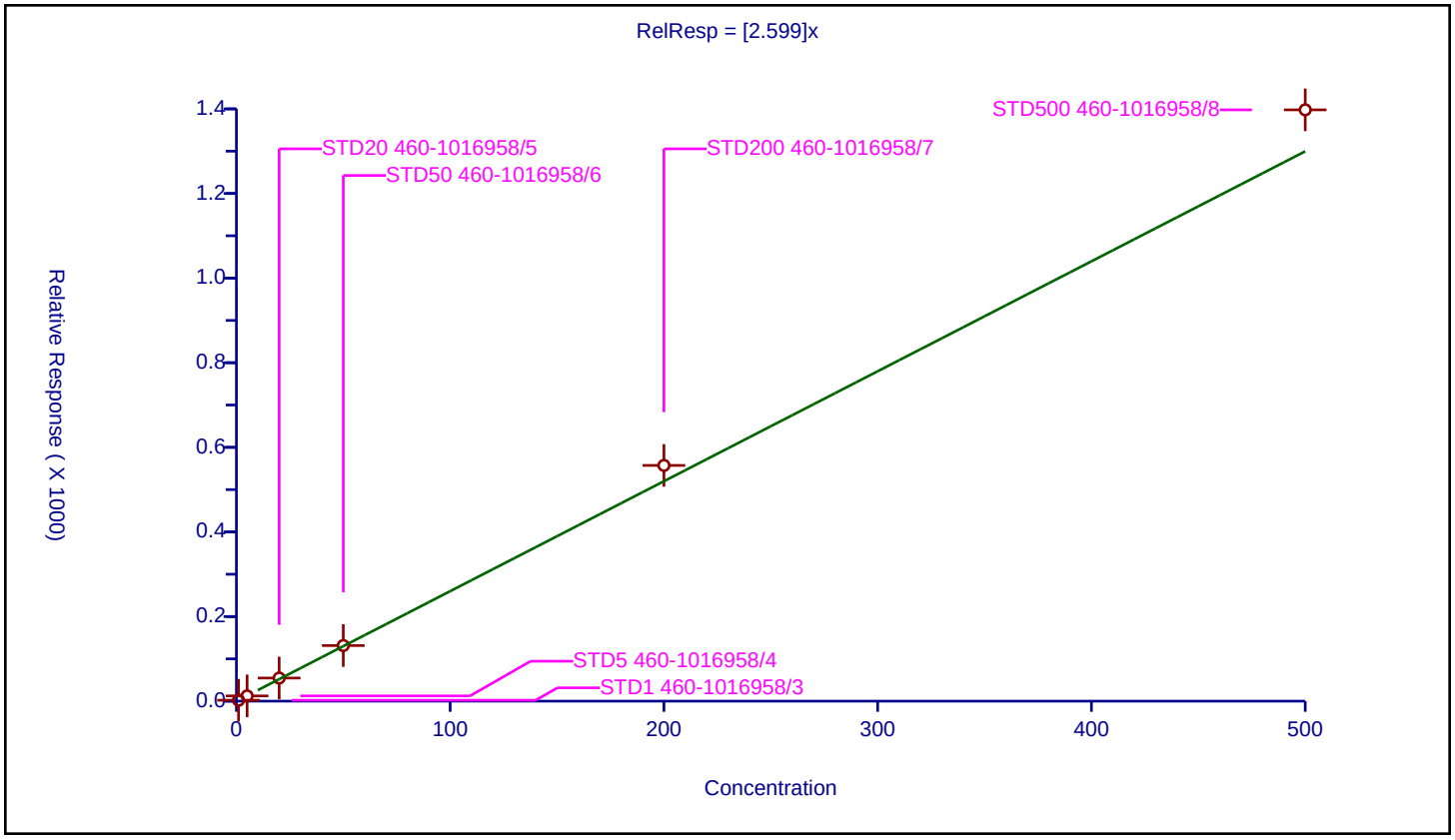
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.599 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.183828 | 50.0 | 199077.0 | 2.183828 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 12.348671 | 50.0 | 194114.0 | 2.469734 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 54.636727 | 50.0 | 203139.0 | 2.731836 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 131.421165 | 50.0 | 214486.0 | 2.628423 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 557.238455 | 50.0 | 261064.0 | 2.786192 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1397.731853 | 50.0 | 311135.0 | 2.795464 | Y |



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## Calibration / sec-Butylbenzene

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

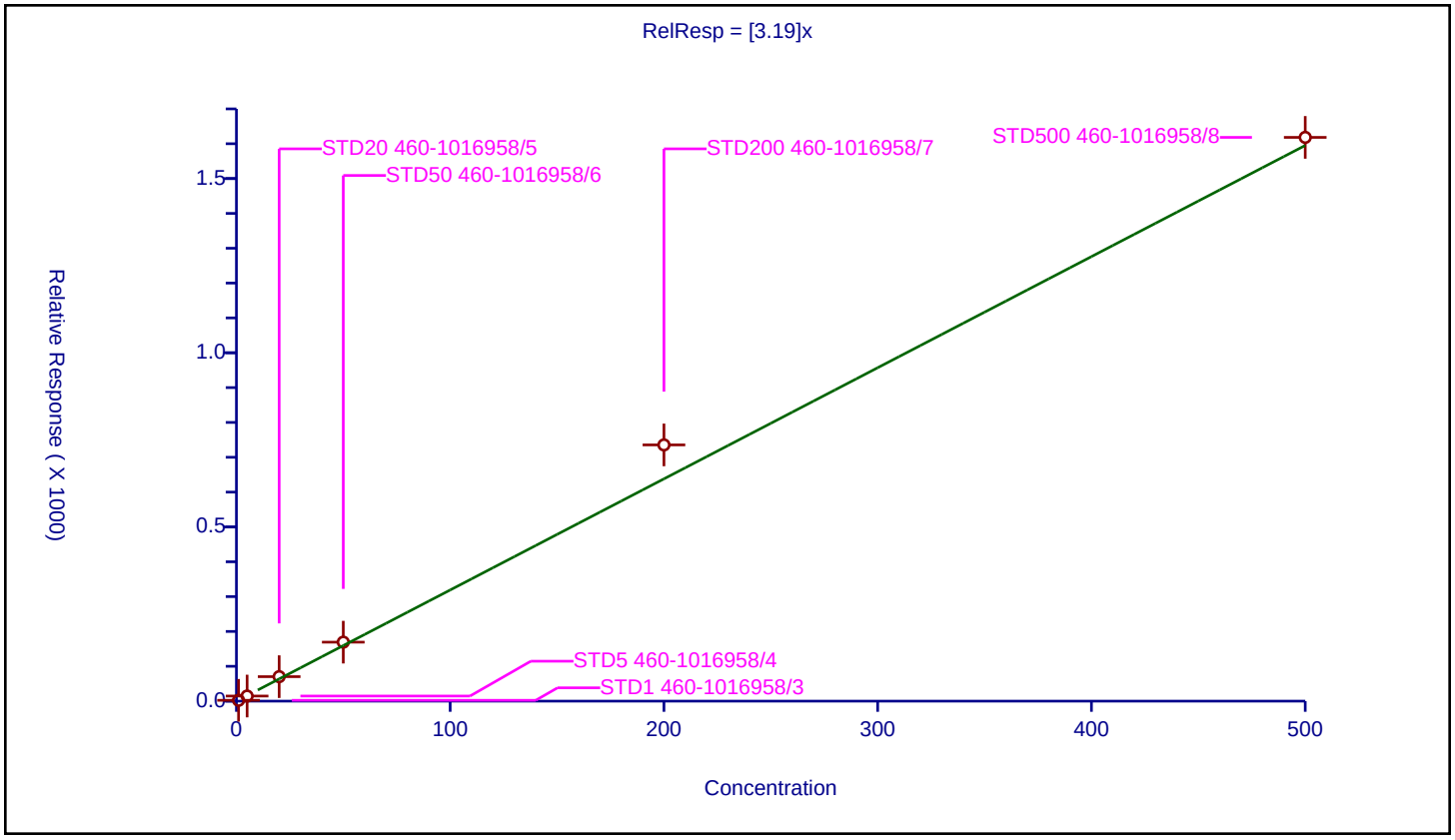
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.19 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.401834 | 50.0 | 199077.0 | 2.401834 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 14.621563 | 50.0 | 194114.0 | 2.924313 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 70.303093 | 50.0 | 203139.0 | 3.515155 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 169.273752 | 50.0 | 214486.0 | 3.385475 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 735.473868 | 50.0 | 261064.0 | 3.677369 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1618.167998 | 50.0 | 311135.0 | 3.236336 | Y |



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## Calibration / 1,3-Dichlorobenzene

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

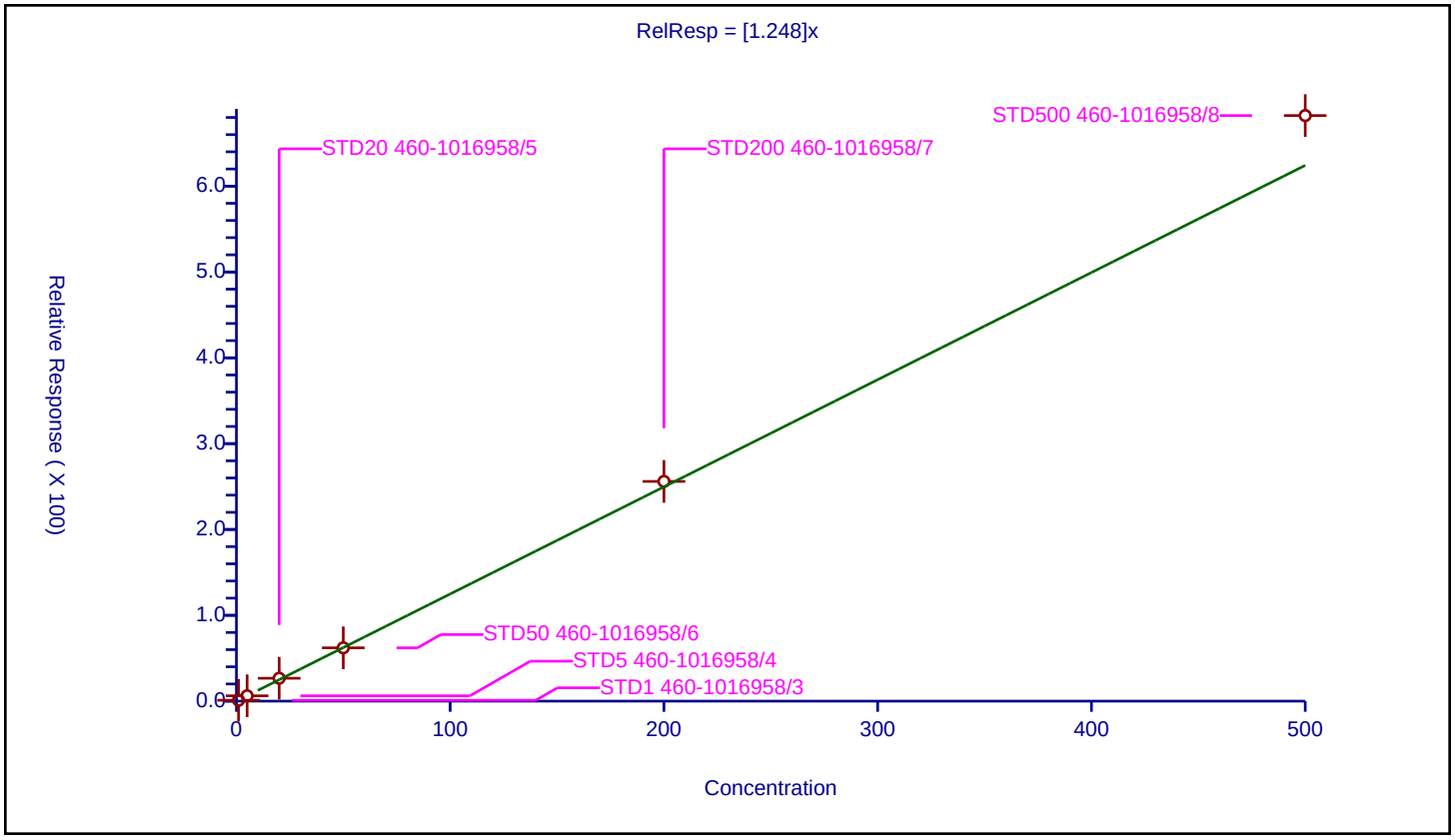
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.248 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.029752 | 50.0 | 199077.0 | 1.029752 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 6.206147 | 50.0 | 194114.0 | 1.241229 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 26.657117 | 50.0 | 203139.0 | 1.332856 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 62.105452 | 50.0 | 214486.0 | 1.242109 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 255.989336 | 50.0 | 261064.0 | 1.279947 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 682.217044 | 50.0 | 311135.0 | 1.364434 | Y |



## Calibration / 4-Isopropyltoluene

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

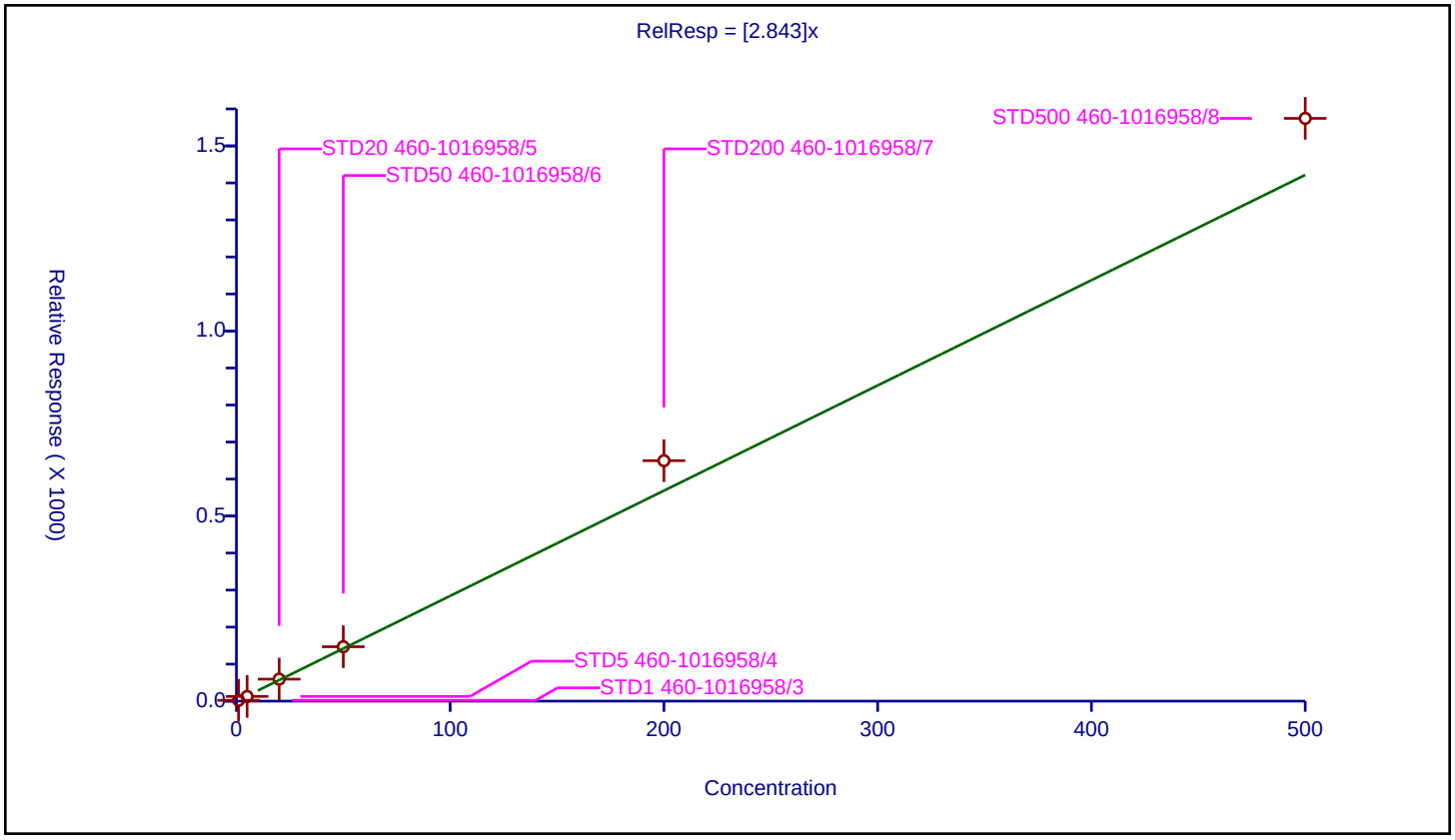
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.843 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.214219 | 50.0 | 199077.0 | 2.214219 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 12.680178 | 50.0 | 194114.0 | 2.536036 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 59.419166 | 50.0 | 203139.0 | 2.970958 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 146.987915 | 50.0 | 214486.0 | 2.939758 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 649.615803 | 50.0 | 261064.0 | 3.248079 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1574.391181 | 50.0 | 311135.0 | 3.148782 | Y |



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## Calibration / 1,4-Dichlorobenzene

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

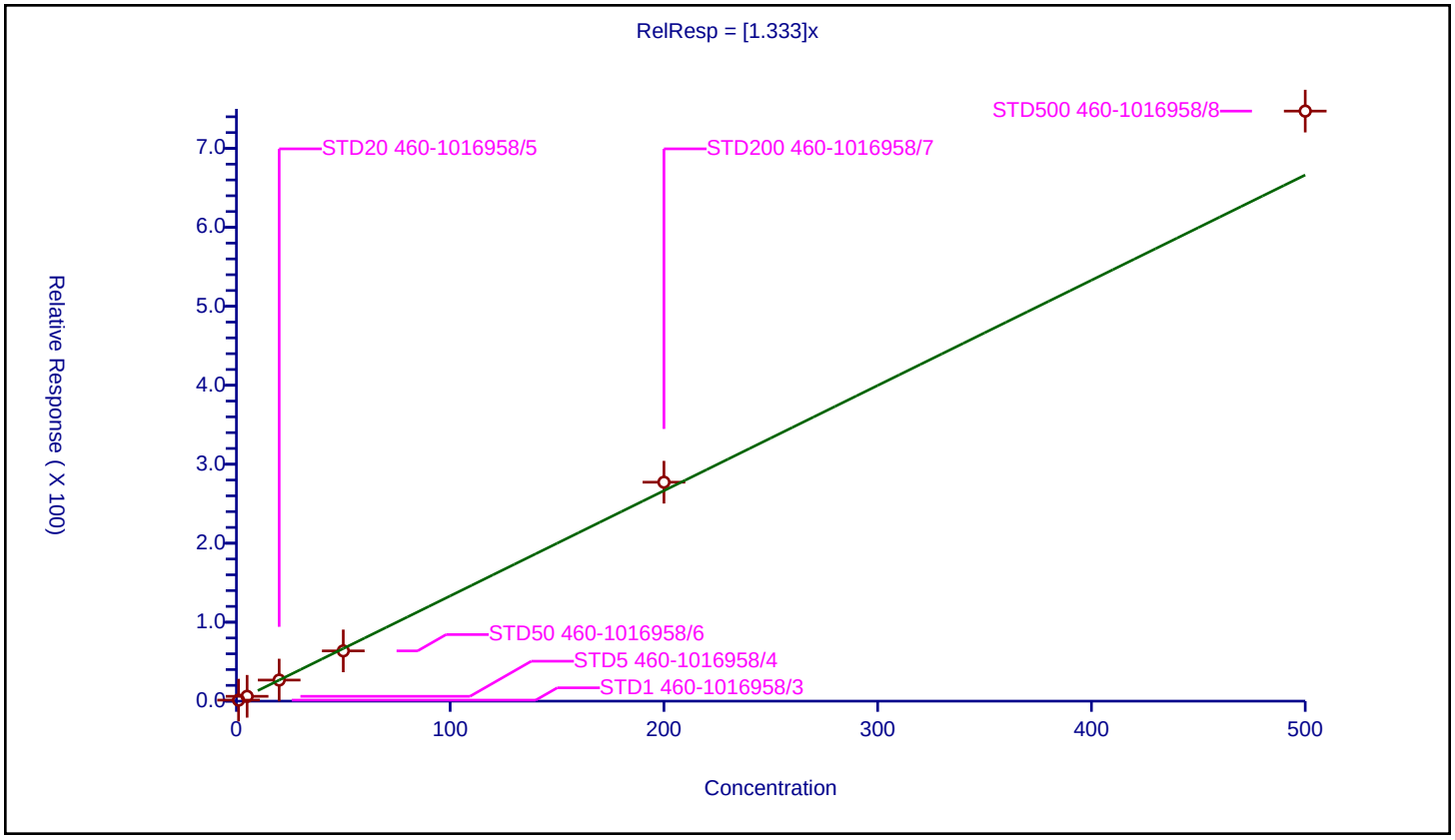
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.333 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.281665 | 50.0 | 199077.0 | 1.281665 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 6.125267 | 50.0 | 194114.0 | 1.225053 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 26.705852 | 50.0 | 203139.0 | 1.335293 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 63.635156 | 50.0 | 214486.0 | 1.272703 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 277.256343 | 50.0 | 261064.0 | 1.386282 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 747.191412 | 50.0 | 311135.0 | 1.494383 | Y |



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## Calibration / 1,2,3-Trimethylbenzene

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

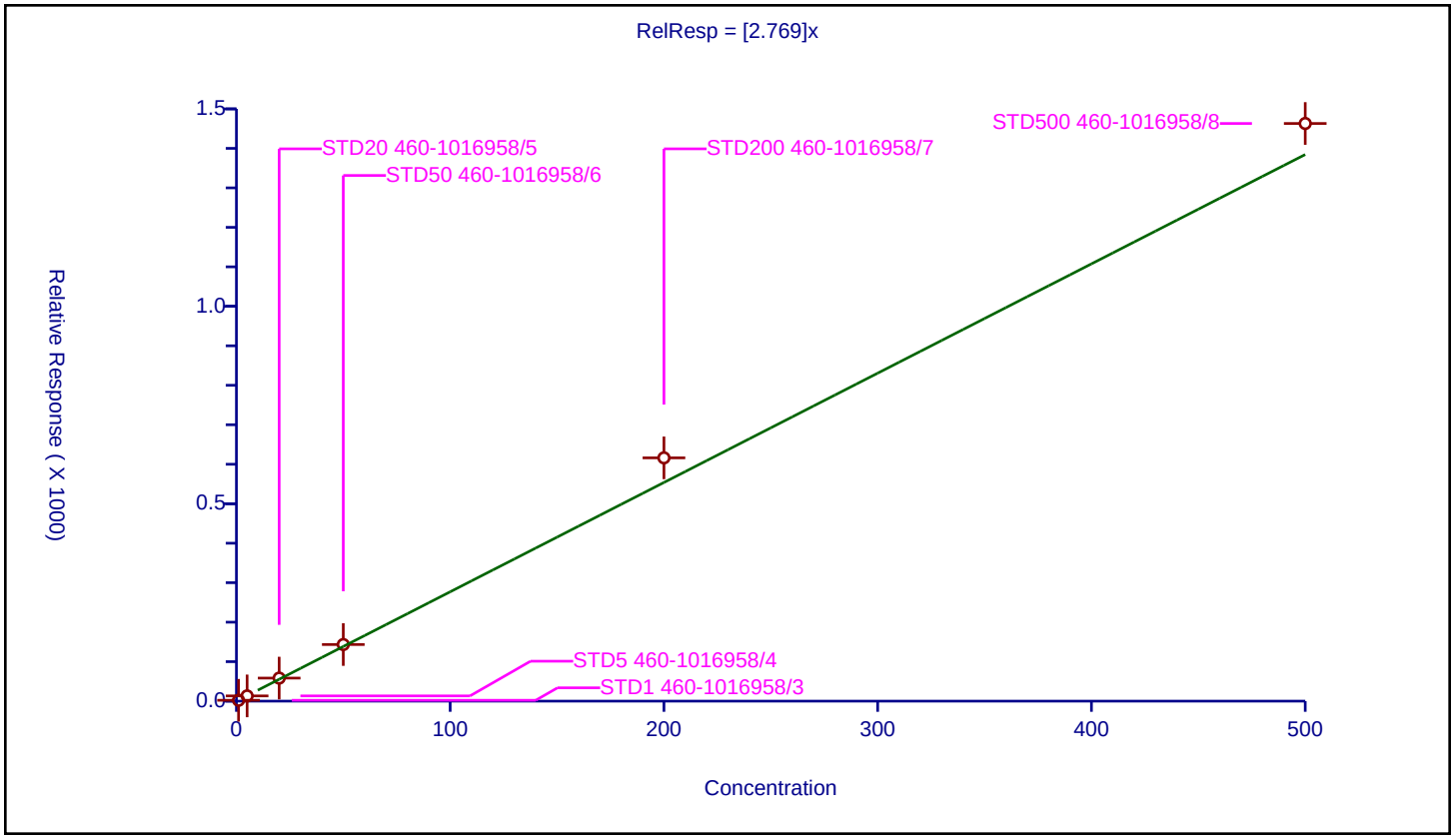
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.769 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.164238 | 50.0 | 199077.0 | 2.164238 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 13.281371 | 50.0 | 194114.0 | 2.656274 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 58.366439 | 50.0 | 203139.0 | 2.918322 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 143.356909 | 50.0 | 214486.0 | 2.867138 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 616.187027 | 50.0 | 261064.0 | 3.080935 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1463.013161 | 50.0 | 311135.0 | 2.926026 | Y |



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## Calibration / Benzyl chloride

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

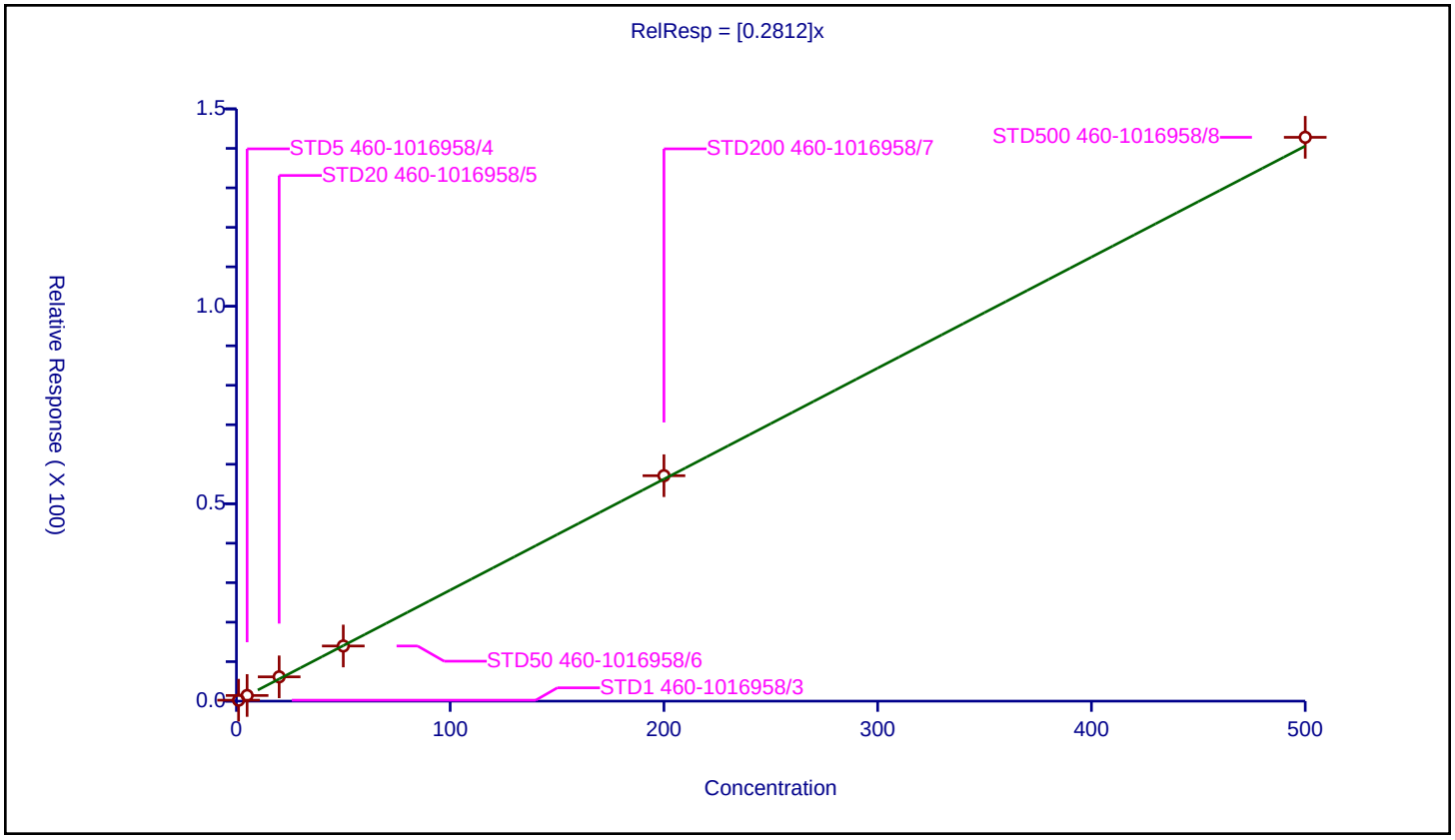
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2812 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.24262 | 50.0 | 199077.0 | 0.24262 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.431118 | 50.0 | 194114.0 | 0.286224 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 6.152437 | 50.0 | 203139.0 | 0.307622 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 13.969676 | 50.0 | 214486.0 | 0.279394 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 57.098834 | 50.0 | 261064.0 | 0.285494 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 142.80457 | 50.0 | 311135.0 | 0.285609 | Y |



## Calibration / 2,3-Dihydroindene

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

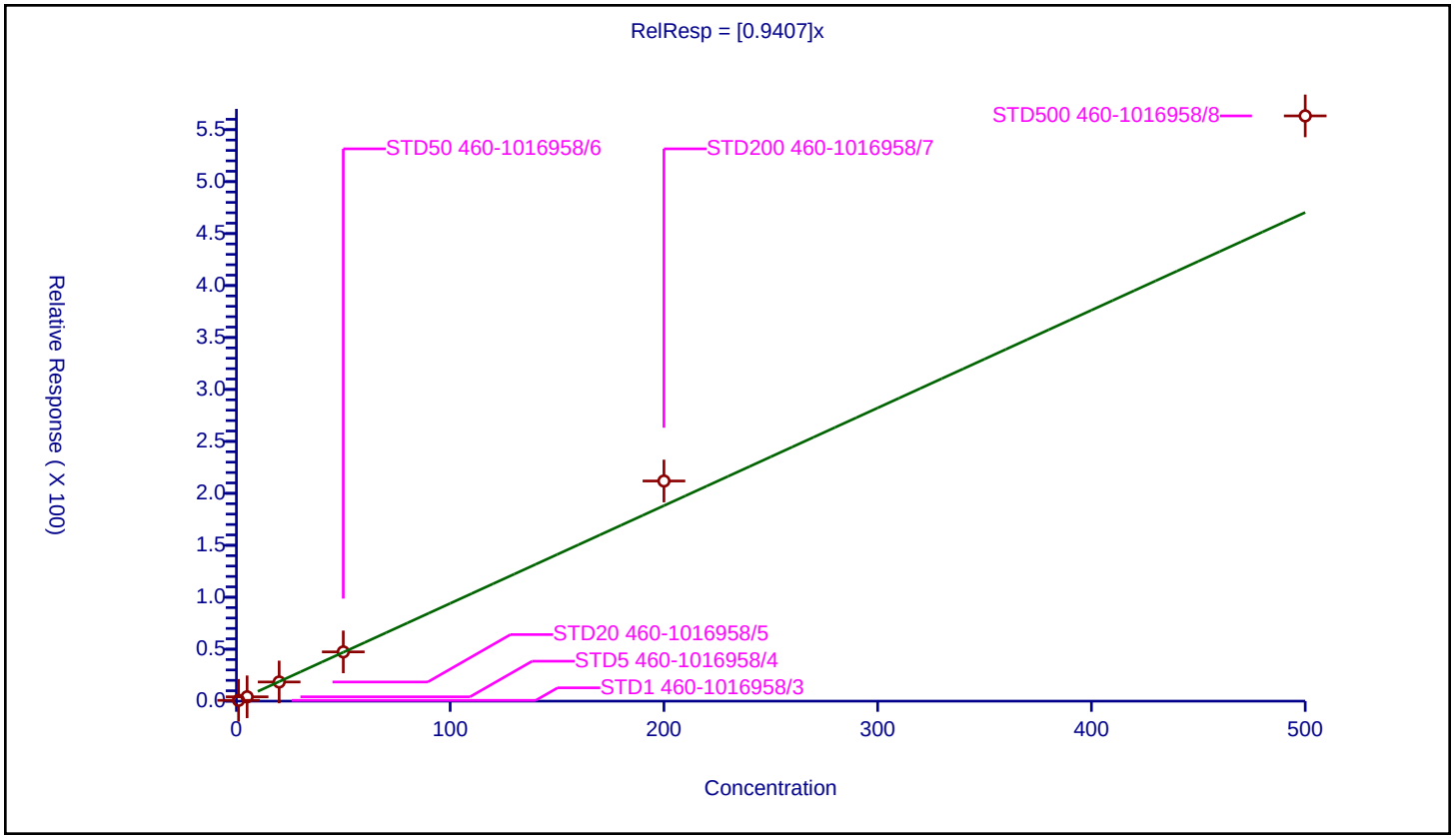
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9407 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.753589 | 50.0 | 580754.0 | 0.753589 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.171078 | 50.0 | 577165.0 | 0.834216 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 18.446156 | 50.0 | 597119.0 | 0.922308 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 47.402646 | 50.0 | 593527.0 | 0.948053 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 211.87348 | 50.0 | 694232.0 | 1.059367 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 563.25066 | 50.0 | 749774.0 | 1.126501 | Y |



## Calibration / 1,2-Dichlorobenzene

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

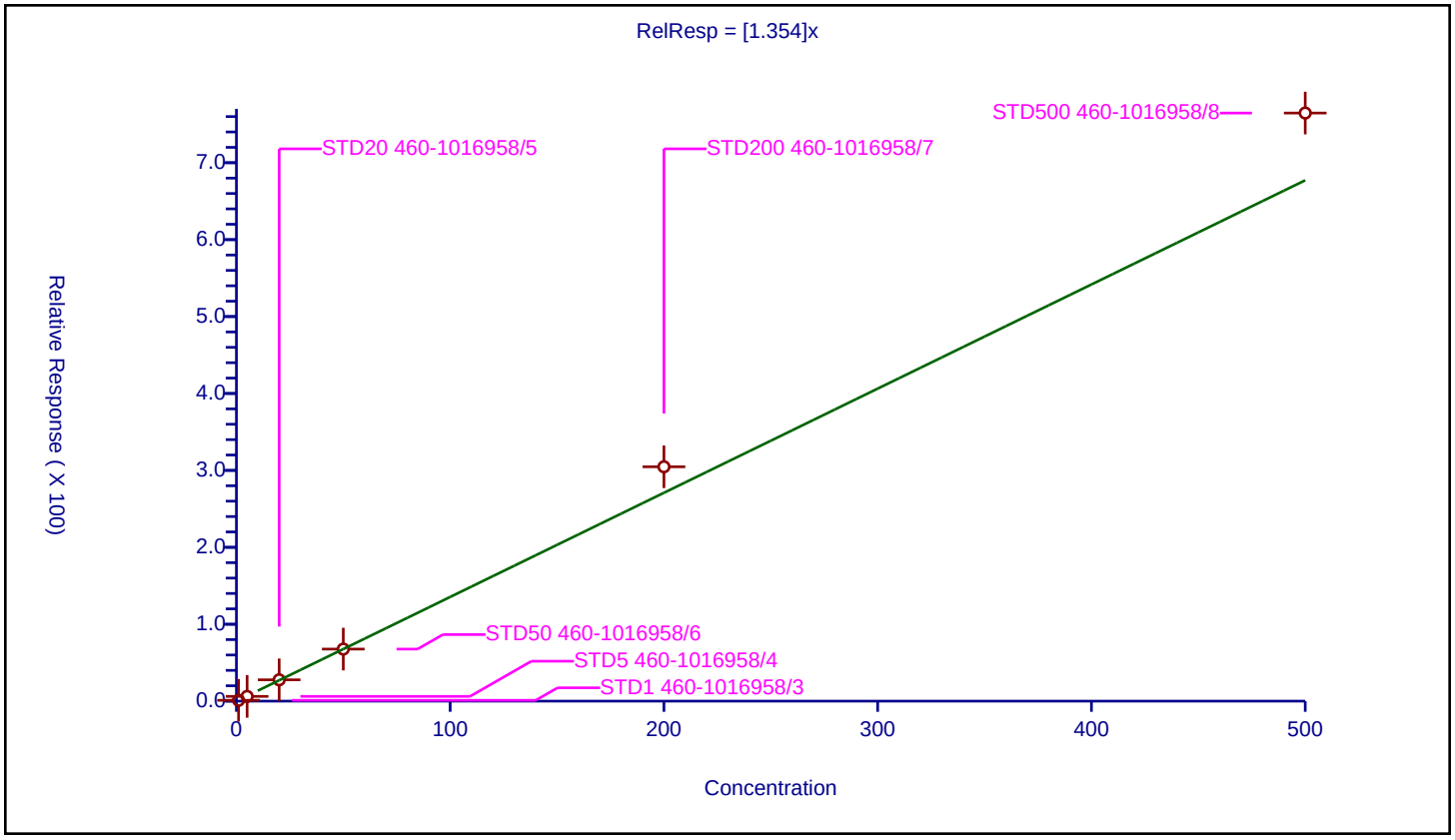
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.354 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.095054 | 50.0 | 199077.0 | 1.095054 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 6.19095 | 50.0 | 194114.0 | 1.23819 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 27.728797 | 50.0 | 203139.0 | 1.38644 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 67.673181 | 50.0 | 214486.0 | 1.353464 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 304.713978 | 50.0 | 261064.0 | 1.52357 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 764.602182 | 50.0 | 311135.0 | 1.529204 | Y |



## Calibration / p-Diethylbenzene

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

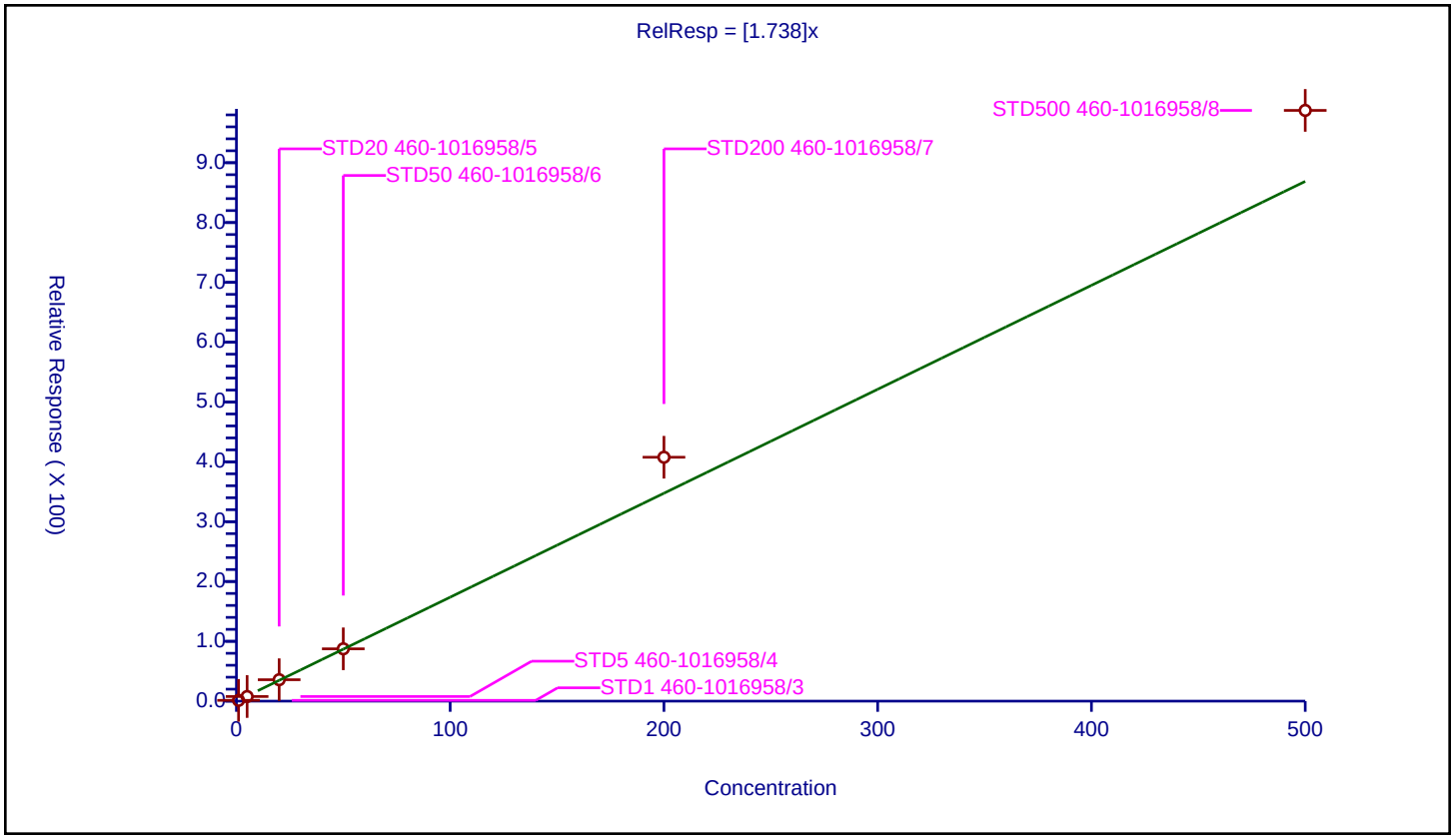
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.738 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.322101 | 50.0 | 199077.0 | 1.322101 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 7.745964 | 50.0 | 194114.0 | 1.549193 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 35.838022 | 50.0 | 203139.0 | 1.791901 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 87.453727 | 50.0 | 214486.0 | 1.749075 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 407.698304 | 50.0 | 261064.0 | 2.038492 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 987.452231 | 50.0 | 311135.0 | 1.974904 | Y |



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## Calibration / n-Butylbenzene

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

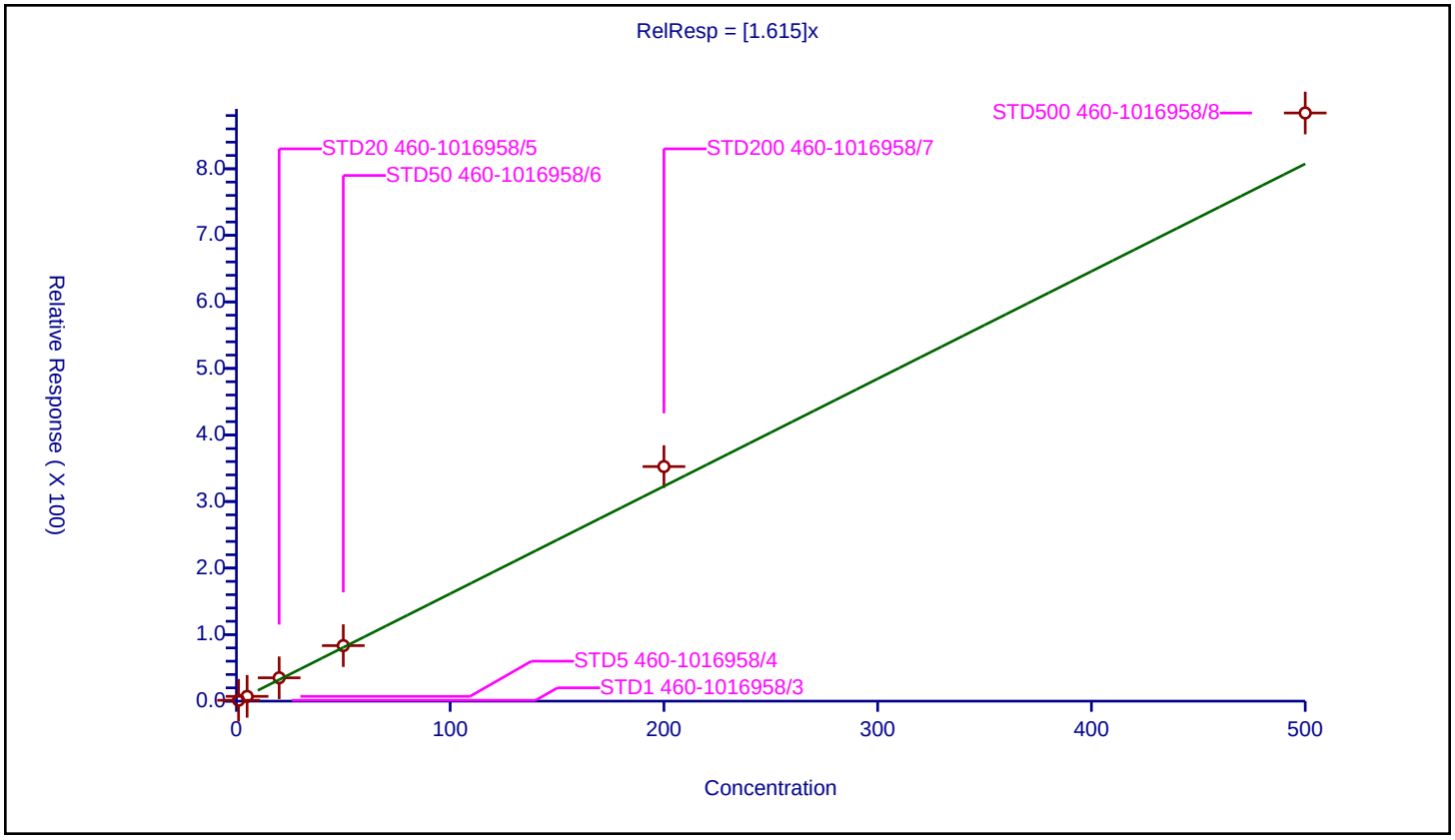
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.615 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 1.303265 | 50.0 | 199077.0 | 1.303265 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 7.164862 | 50.0 | 194114.0 | 1.432972 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 35.07106 | 50.0 | 203139.0 | 1.753553 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 83.427123 | 50.0 | 214486.0 | 1.668542 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 352.500153 | 50.0 | 261064.0 | 1.762501 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 883.832902 | 50.0 | 311135.0 | 1.767666 | Y |



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## Calibration / 1,2,4,5-Tetramethylbenzene

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

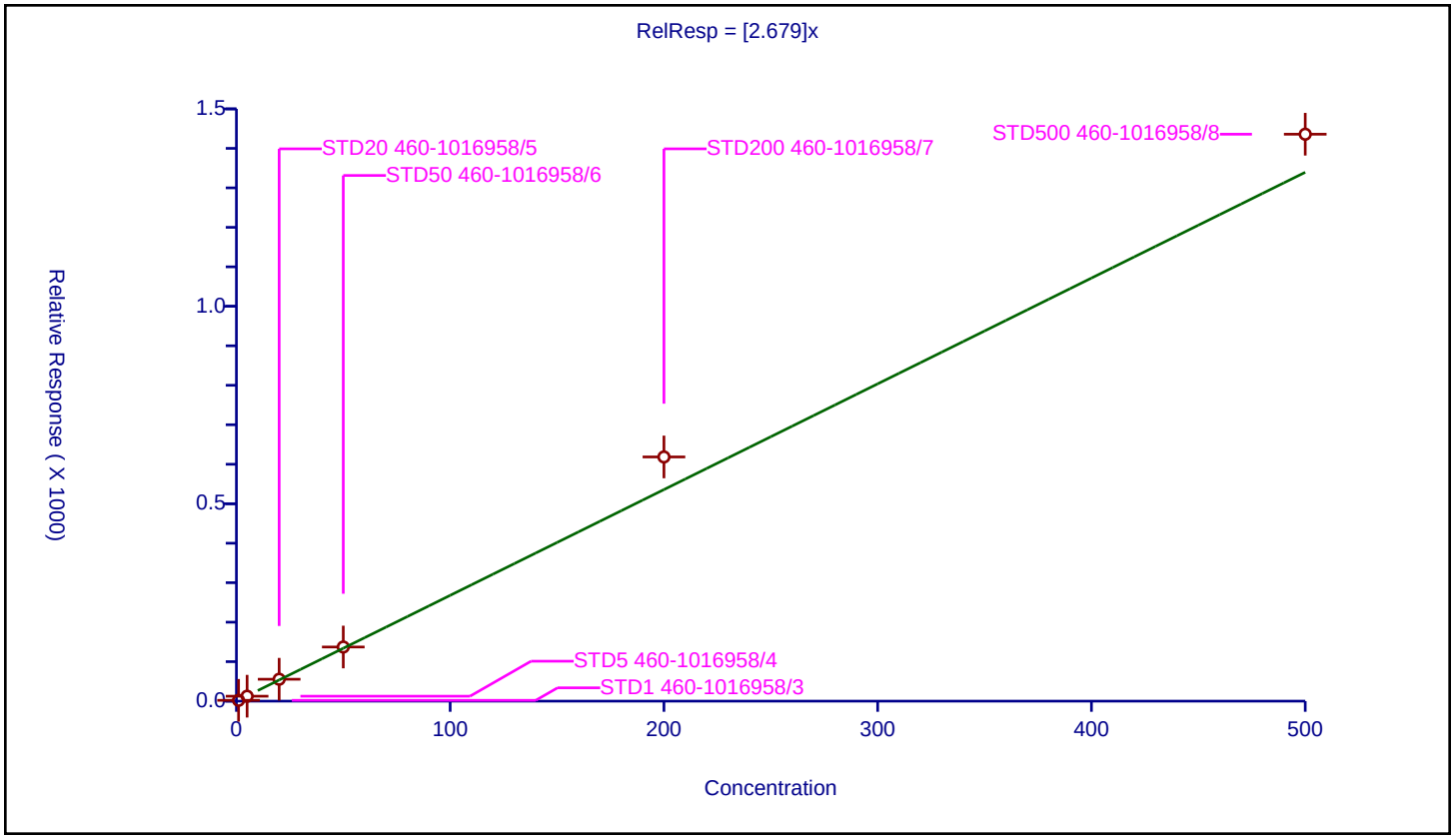
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.679 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.087132 | 50.0 | 199077.0 | 2.087132 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 12.531296 | 50.0 | 194114.0 | 2.506259 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 55.472607 | 50.0 | 203139.0 | 2.77363 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 137.074681 | 50.0 | 214486.0 | 2.741494 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 618.449499 | 50.0 | 261064.0 | 3.092247 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1435.843123 | 50.0 | 311135.0 | 2.871686 | Y |



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## Calibration / 1,2-Dibromo-3-Chloropropane

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

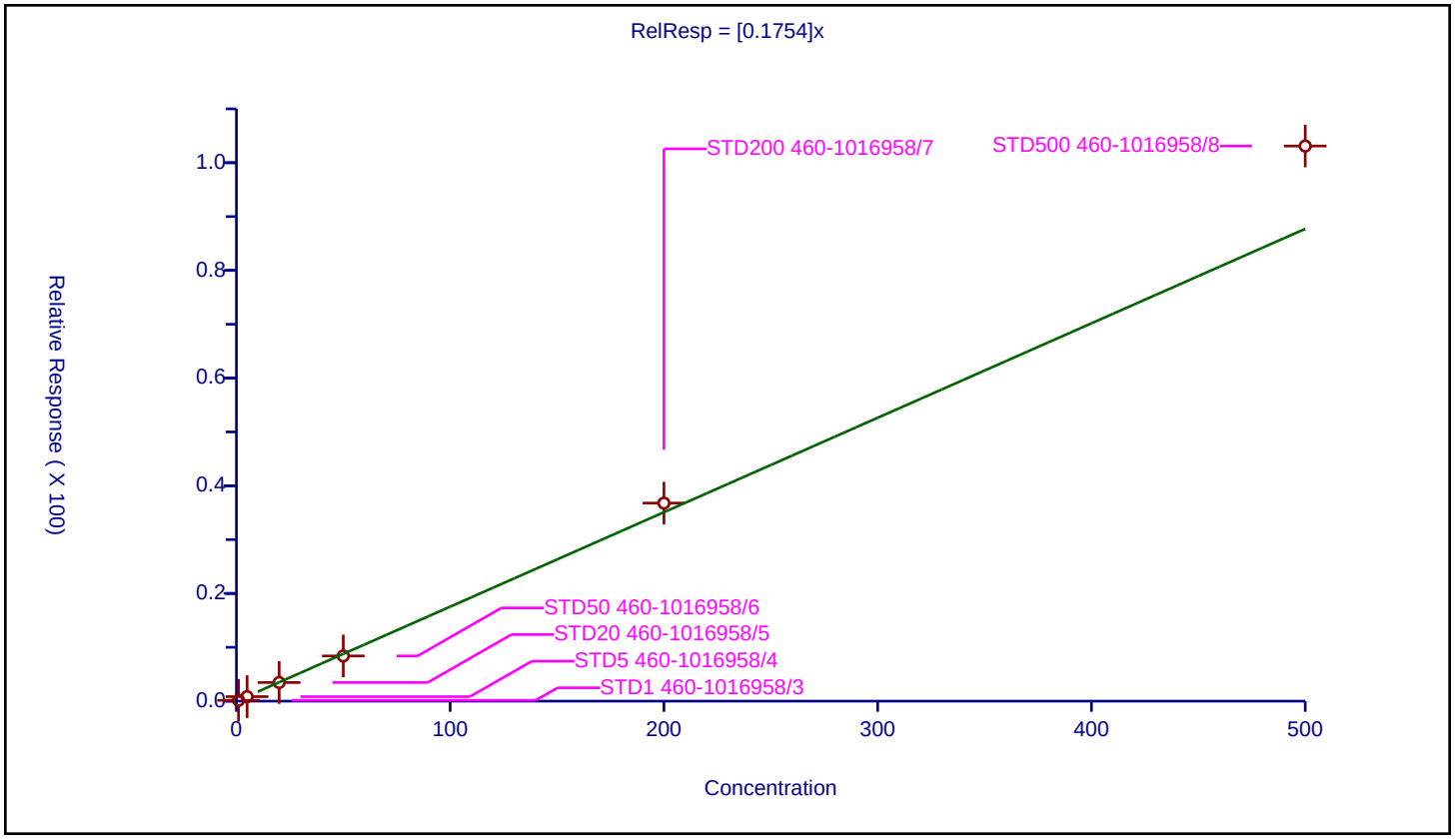
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1754 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.153961 | 50.0 | 199077.0 | 0.153961 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 0.838425 | 50.0 | 194114.0 | 0.167685 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 3.459946 | 50.0 | 203139.0 | 0.172997 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 8.39169 | 50.0 | 214486.0 | 0.167834 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 36.783509 | 50.0 | 261064.0 | 0.183918 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 103.097369 | 50.0 | 311135.0 | 0.206195 | Y |



## Calibration / 1,3,5-Trichlorobenzene

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

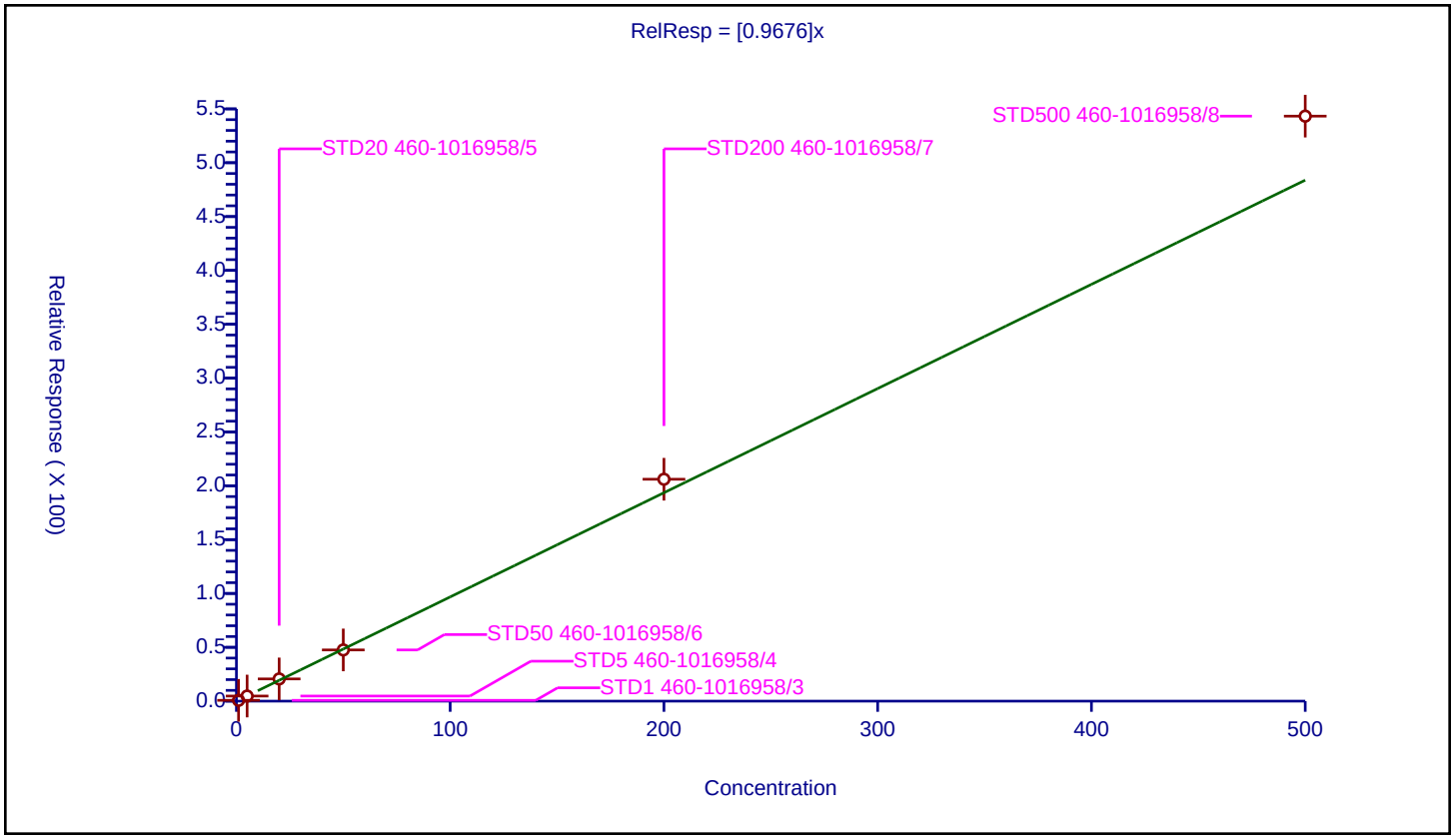
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9676 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.761012 | 50.0 | 199077.0 | 0.761012 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.726089 | 50.0 | 194114.0 | 0.945218 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 20.629963 | 50.0 | 203139.0 | 1.031498 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 47.556251 | 50.0 | 214486.0 | 0.951125 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 206.07284 | 50.0 | 261064.0 | 1.030364 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 543.260642 | 50.0 | 311135.0 | 1.086521 | Y |



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## Calibration / 1,2,4-Trichlorobenzene

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

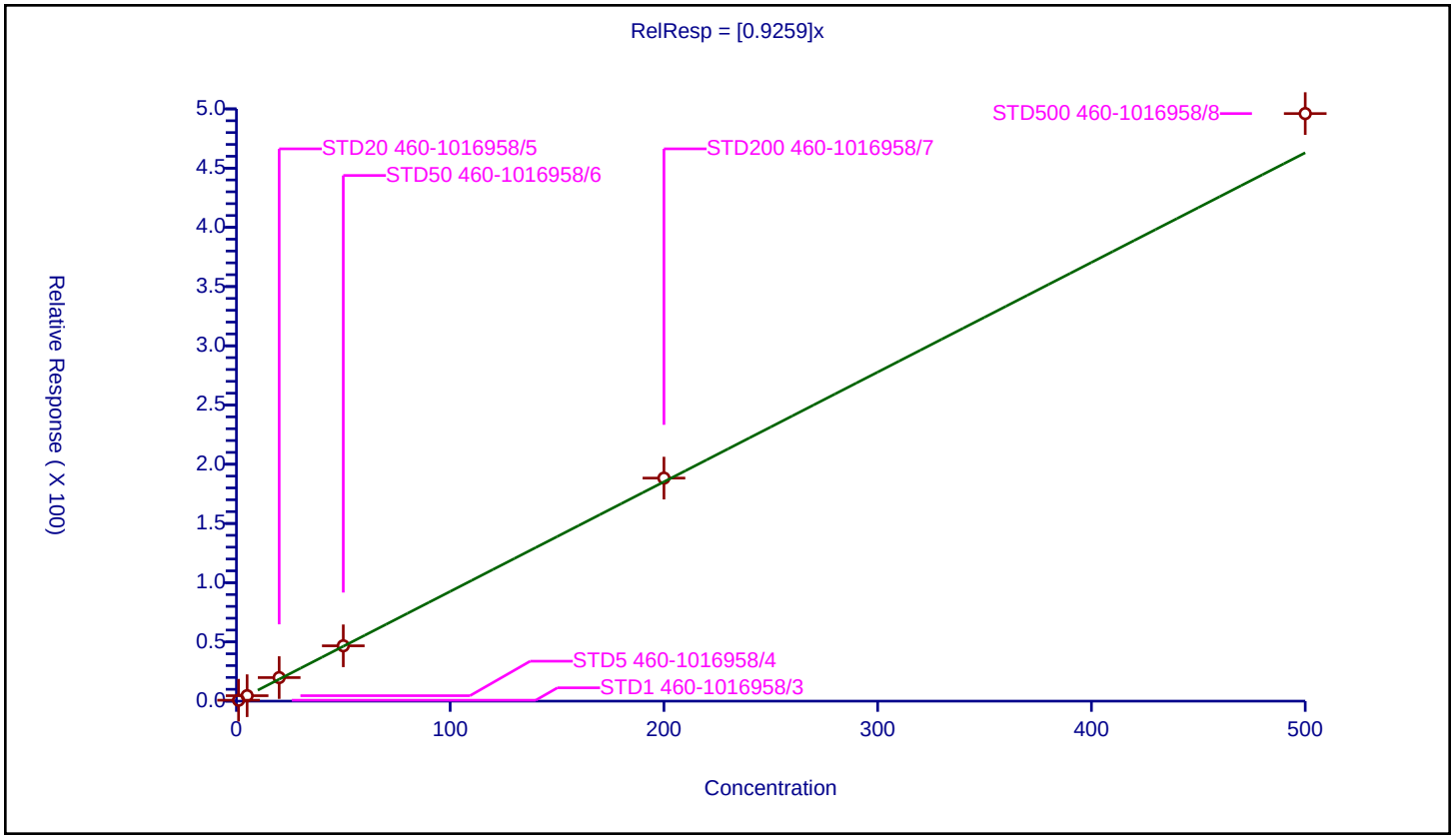
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9259 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.773319 | 50.0 | 199077.0 | 0.773319 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.601162 | 50.0 | 194114.0 | 0.920232 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 19.88146 | 50.0 | 203139.0 | 0.994073 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 46.724029 | 50.0 | 214486.0 | 0.934481 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 188.296548 | 50.0 | 261064.0 | 0.941483 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 496.034197 | 50.0 | 311135.0 | 0.992068 | Y |



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## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

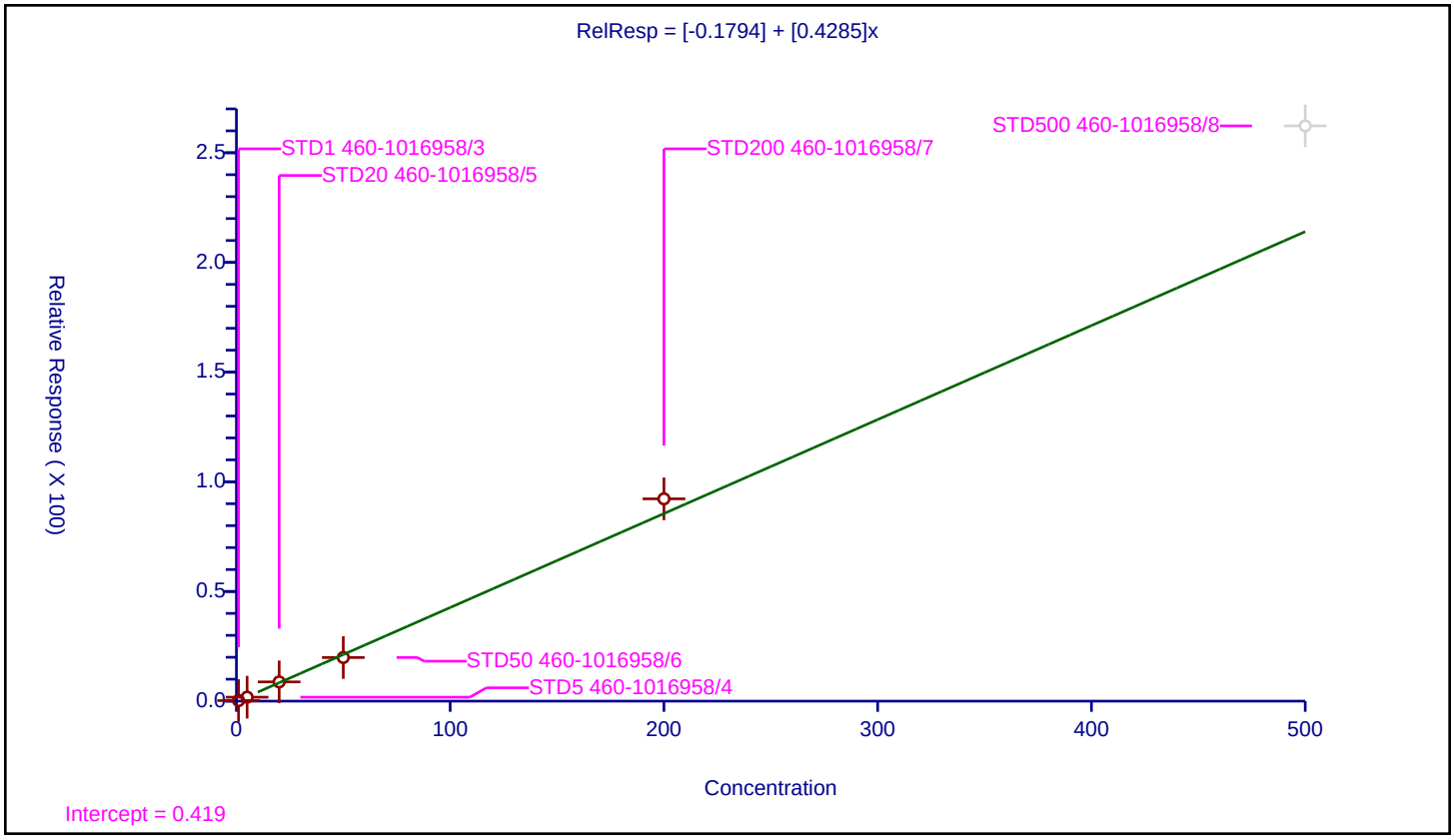
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1794 |
| **Slope:** | 0.4285 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.254675 | 50.0 | 199077.0 | 0.254675 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 1.807443 | 50.0 | 194114.0 | 0.361489 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 8.770596 | 50.0 | 203139.0 | 0.43853 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 19.88568 | 50.0 | 214486.0 | 0.397714 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 92.228342 | 50.0 | 261064.0 | 0.461142 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 262.248863 | 50.0 | 311135.0 | 0.524498 | N |



## Calibration / Naphthalene

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

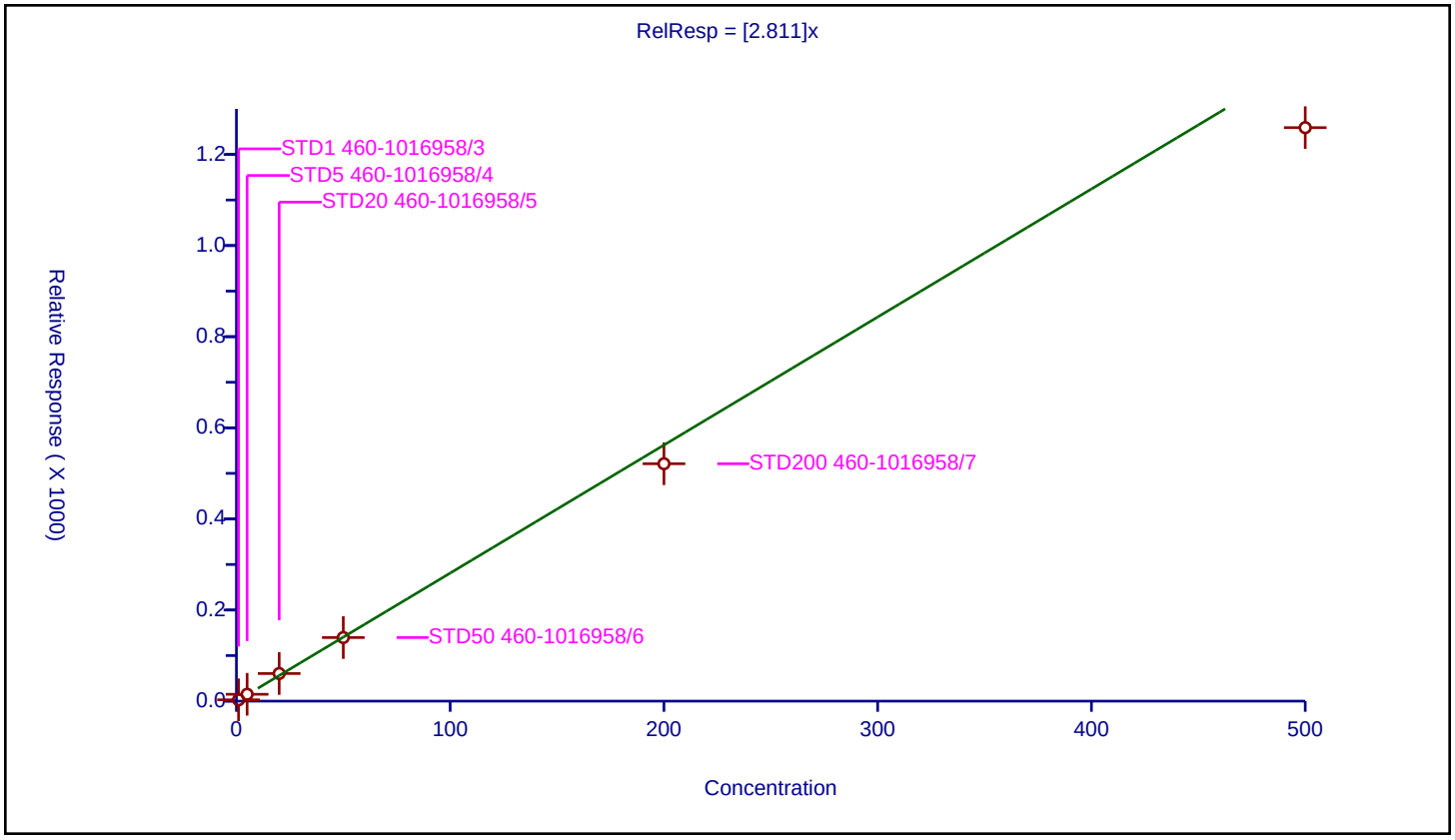
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.811 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 2.903399 | 50.0 | 199077.0 | 2.903399 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 15.082117 | 50.0 | 194114.0 | 3.016423 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 60.577486 | 50.0 | 203139.0 | 3.028874 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 139.575777 | 50.0 | 214486.0 | 2.791516 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 521.098658 | 50.0 | 261064.0 | 2.605493 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 1258.818037 | 50.0 | 311135.0 | 2.517636 | Y |



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## Calibration / 1,2,3-Trichlorobenzene

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

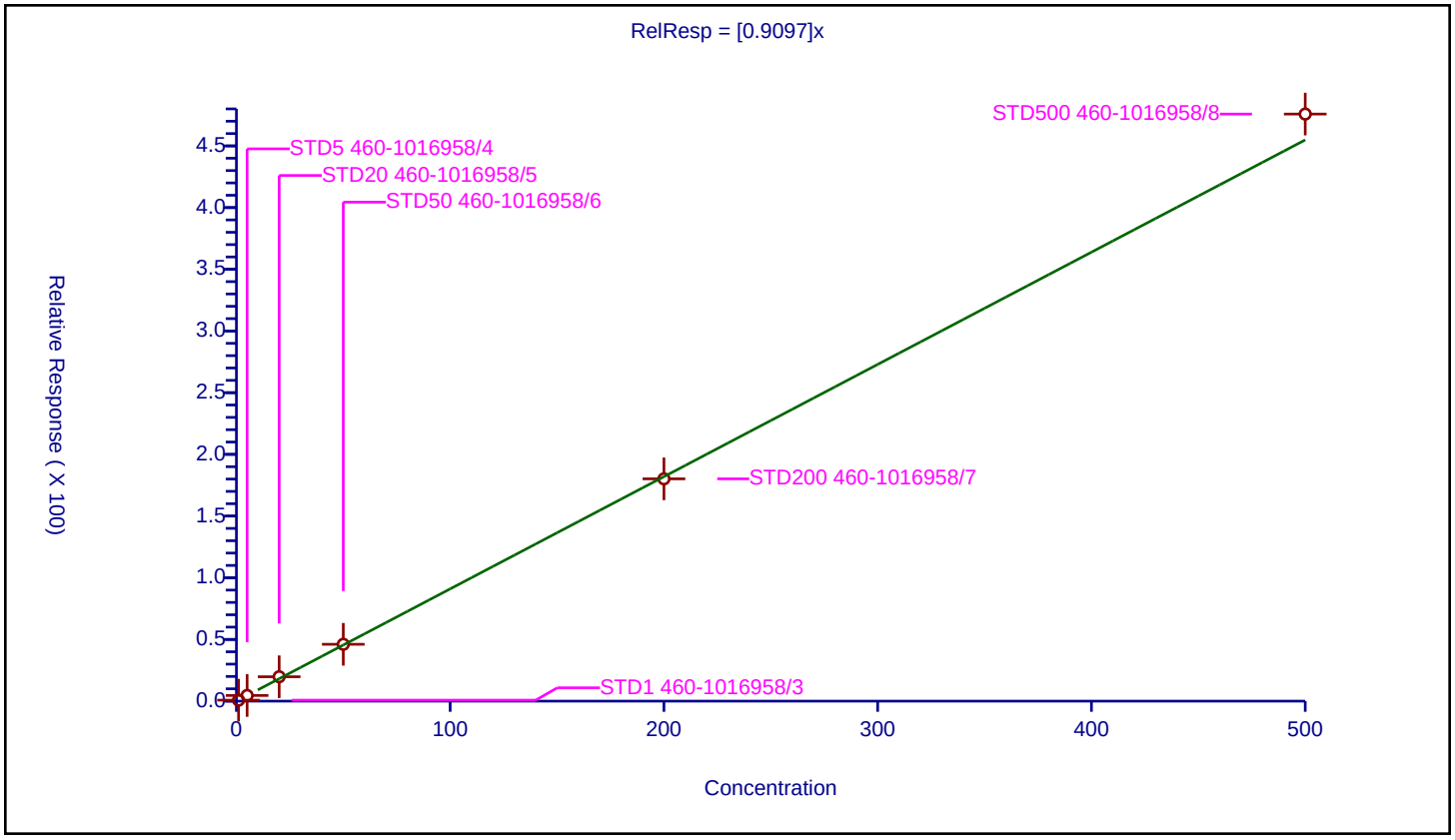
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9097 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1016958/3 | 1.0 | 0.778593 | 50.0 | 199077.0 | 0.778593 | Y |
| 2 | STD5 460-1016958/4 | 5.0 | 4.589313 | 50.0 | 194114.0 | 0.917863 | Y |
| 3 | STD20 460-1016958/5 | 20.0 | 19.756915 | 50.0 | 203139.0 | 0.987846 | Y |
| 4 | STD50 460-1016958/6 | 50.0 | 46.067809 | 50.0 | 214486.0 | 0.921356 | Y |
| 5 | STD200 460-1016958/7 | 200.0 | 180.165783 | 50.0 | 261064.0 | 0.900829 | Y |
| 6 | STD500 460-1016958/8 | 500.0 | 475.820303 | 50.0 | 311135.0 | 0.951641 | Y |



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

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)  Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24  Calibration End Date: 02/07/2025 07:19  Calibration ID: 100137

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-1020046/3 | D24795.D |
| Level 2 | STD5 460-1020046/4 | D24796.D |
| Level 3 | STD20 460-1020046/5 | D24797.D |
| Level 4 | STD50 460-1020046/6 | D24798.D |
| Level 5 | STD200 460-1020046/7 | D24799.D |
| Level 6 | STD500 460-1020046/8 | D24800.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlorotrifluoroethene | 0.8232 1.2095 | 1.1157 | 1.2463 | 1.2495 | 1.2247 | Ave | | 1.1448 | | | | 14.4 | | 20.0 | | | |
| Dichlorodifluoromethane | 0.3837 0.5155 | 0.4845 | 0.5326 | 0.4998 | 0.5670 | Ave | | 0.4972 | | | 0.1000 | 12.6 | | 20.0 | | | |
| Chlorodifluoromethane | 0.5928 0.5681 | 0.7204 | 0.7226 | 0.7097 | 0.6485 | Ave | | 0.6603 | | | | 10.3 | | 20.0 | | | |
| Chloromethane | 0.4521 0.4484 | 0.5046 | 0.4818 | 0.4576 | 0.4704 | Ave | | 0.4692 | | | 0.1000 | 4.5 | | 20.0 | | | |
| Vinyl chloride | 0.3499 0.3575 | 0.3885 | 0.4013 | 0.3781 | 0.3771 | Ave | | 0.3754 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Butadiene | 0.3519 0.3469 | 0.3846 | 0.4086 | 0.3822 | 0.3750 | Ave | | 0.3749 | | | | 6.1 | | 20.0 | | | |
| Bromomethane | 0.2321 0.0519 | 0.2408 | 0.1341 | 0.0584 | 0.0784 | QuaF | | 0.0927 | -0.000081 | * | 0.1000 | | | | 0.9930 | | 0.9900 |
| Chloroethane | 0.2628 0.1976 | 0.2587 | 0.2452 | 0.2256 | 0.2273 | Ave | | 0.2362 | | | 0.1000 | 10.3 | | 20.0 | | | |
| Trichlorofluoromethane | 0.3560 0.3887 | 0.4291 | 0.4561 | 0.4189 | 0.4194 | Ave | | 0.4114 | | | 0.1000 | 8.4 | | 20.0 | | | |
| Dichlorofluoromethane | 0.6068 0.5488 | 0.7009 | 0.6542 | 0.6052 | 0.5951 | Ave | | 0.6185 | | | | 8.5 | | 20.0 | | | |
| Pentane | 0.0483 0.0558 | 0.0624 | 0.0748 | 0.0684 | 0.0631 | Ave | | 0.0621 | | | | 15.0 | | 20.0 | | | |
| Ethanol | 0.0805 +++++ | 0.0771 | 0.0649 | 0.0562 | 0.0517 | Ave | | 0.0661 | | | | 19.1 | | 20.0 | | | |
| Ethyl ether | 0.3030 0.1895 | 0.2983 | 0.2634 | 0.2343 | 0.2120 | Ave | | 0.2501 | | | | 18.5 | | 20.0 | | | |
| 2-Methyl-1,3-butadiene | 0.2282 0.2520 | 0.2941 | 0.3571 | 0.3182 | 0.2850 | Ave | | 0.2891 | | | | 15.9 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichloro-1,1,2-trifluoroethane | 0.1900 0.2393 | 0.2316 | 0.2554 | 0.2423 | 0.2015 | Ave | | 0.2267 | | | | 11.2 | | 20.0 | | | |
| 1,1,1-Trifluoro-2,2-dichloroethane | 0.3594 0.4098 | 0.4599 | 0.4841 | 0.4699 | 0.4533 | Ave | | 0.4394 | | | | 10.6 | | 20.0 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.1939 0.2810 | 0.2762 | 0.3335 | 0.3112 | 0.2949 | Ave | | 0.2818 | | | 0.1000 | 17.0 | | 20.0 | | | |
| Acrolein | 0.0369 0.0348 | 0.0338 | 0.0348 | 0.0329 | 0.0334 | Ave | | 0.0344 | | | | 4.1 | | 20.0 | | | |
| 1,1-Dichloroethene | 0.2333 0.2737 | 0.2989 | 0.3290 | 0.2955 | 0.2830 | Ave | | 0.2856 | | | 0.1000 | 11.1 | | 20.0 | | | |
| Acetone | 0.7889 0.6613 | 0.8555 | 0.6719 | 0.6517 | 0.6658 | Ave | | 0.7158 | | | 0.0500 | 11.9 | | 20.0 | | | |
| Iodomethane | 0.2289 0.3284 | 0.2936 | 0.3452 | 0.3538 | 0.3631 | Ave | | 0.3188 | | | | 15.8 | | 20.0 | | | |
| Carbon disulfide | 0.9257 1.0505 | 1.1428 | 1.2344 | 1.1456 | 1.0841 | Ave | | 1.0972 | | | 0.1000 | 9.6 | | 20.0 | | | |
| Isopropyl alcohol | 0.8335 0.7014 | 0.8958 | 0.8020 | 0.6867 | 0.6610 | Ave | | 0.7634 | | | | 12.3 | | 20.0 | | | |
| 3-Chloro-1-propene | 0.1809 0.1630 | 0.2130 | 0.2139 | 0.1887 | 0.1726 | Ave | | 0.1887 | | | | 11.1 | | 20.0 | | | |
| Cyclopentene | 0.5498 0.8306 | 0.6668 | 0.7959 | 0.7343 | 0.8868 | Ave | | 0.7440 | | | | 16.4 | | 20.0 | | | |
| Methyl acetate | 0.1715 0.1476 | 0.1987 | 0.1809 | 0.1651 | 0.1516 | Ave | | 0.1692 | | | 0.0500 | 11.2 | | 20.0 | | | |
| Acetonitrile | 0.0158 0.0153 | 0.0185 | 0.0159 | 0.0149 | 0.0147 | Ave | | 0.0158 | | | | 8.8 | | 20.0 | | | |
| Methylene Chloride | 0.4424 0.2888 | 0.3872 | 0.3450 | 0.3134 | 0.2979 | Ave | | 0.3458 | | | 0.1000 | 17.2 | | 20.0 | | | |
| 2-Methyl-2-propanol | 1.3570 1.0673 | 1.4125 | 1.3131 | 1.1370 | 1.1362 | Ave | | 1.2372 | | | | 11.4 | | 20.0 | | | |
| Methyl tert-butyl ether | 0.7375 0.6956 | 0.9052 | 0.8296 | 0.7568 | 0.7274 | Ave | | 0.7753 | | | 0.1000 | 10.0 | | 20.0 | | | |
| trans-1,2-Dichloroethene | 0.2724 0.2953 | 0.3425 | 0.3518 | 0.3187 | 0.3072 | Ave | | 0.3147 | | | 0.1000 | 9.4 | | 20.0 | | | |
| Acrylonitrile | 3.2630 3.3454 | 3.9671 | 3.5081 | 3.3718 | 3.2942 | Ave | | 3.4583 | | | | 7.6 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Hexane | 0.3750 0.5196 | 0.5129 | 0.6224 | 0.5728 | 0.5478 | Ave | | 0.5251 | | | | 15.9 | | 20.0 | | | |
| Isopropyl ether | 0.9056 0.8518 | 1.0772 | 1.0265 | 0.9460 | 0.9136 | Ave | | 0.9534 | | | | 8.8 | | 20.0 | | | |
| 1,1-Dichloroethane | 0.5579 0.5178 | 0.6380 | 0.6360 | 0.5841 | 0.5374 | Ave | | 0.5785 | | | 0.2000 | 8.7 | | 20.0 | | | |
| Vinyl acetate | 0.0552 0.0483 | 0.0645 | 0.0587 | 0.0520 | 0.0516 | Ave | | 0.0551 | | | | 10.6 | | 20.0 | | | |
| 2-Chloro-1,3-butadiene | 0.2224 0.2669 | 0.2990 | 0.3171 | 0.2947 | 0.2850 | Ave | | 0.2809 | | | | 11.8 | | 20.0 | | | |
| Tert-butyl ethyl ether | 0.8649 0.8197 | 1.0524 | 0.9667 | 0.8947 | 0.8695 | Ave | | 0.9113 | | | | 9.3 | | 20.0 | | | |
| 2,2-Dichloropropane | 0.1487 0.1355 | 0.1627 | 0.1631 | 0.1488 | 0.1418 | Ave | | 0.1501 | | | | 7.4 | | 20.0 | | | |
| cis-1,2-Dichloroethene | 0.3132 0.3072 | 0.3607 | 0.3554 | 0.3307 | 0.3177 | Ave | | 0.3308 | | | 0.1000 | 6.8 | | 20.0 | | | |
| 2-Butanone (MEK) | 0.3198 0.3164 | 0.3601 | 0.3062 | 0.2868 | 0.2986 | Ave | | 0.3146 | | | 0.0500 | 8.0 | | 20.0 | | | |
| Ethyl acetate | 1.0419 1.2029 | 1.2232 | 1.1266 | 1.1003 | 1.1404 | Ave | | 1.1392 | | | | 5.9 | | 20.0 | | | |
| Methyl acrylate | 0.2061 0.1908 | 0.2415 | 0.2251 | 0.2066 | 0.2003 | Ave | | 0.2117 | | | | 8.7 | | 20.0 | | | |
| Propionitrile | 1.3863 1.3048 | 1.5042 | 1.3478 | 1.3011 | 1.2898 | Ave | | 1.3557 | | | | 6.0 | | 20.0 | | | |
| Tetrahydrofuran | 1.5677 1.1945 | 1.4705 | 1.3345 | 1.2163 | 1.2090 | Ave | | 1.3321 | | | | 11.7 | | 20.0 | | | |
| Chlorobromomethane | 0.1363 0.1205 | 0.1497 | 0.1351 | 0.1249 | 0.1212 | Ave | | 0.1313 | | | | 8.6 | | 20.0 | | | |
| Methacrylonitrile | 0.1022 0.0828 | 0.1156 | 0.1054 | 0.0968 | 0.0933 | Ave | | 0.0994 | | | | 11.3 | | 20.0 | | | |
| Chloroform | 0.4765 0.4765 | 0.5686 | 0.5568 | 0.5126 | 0.5042 | Ave | | 0.5159 | | | 0.2000 | 7.6 | | 20.0 | | | |
| Cyclohexane | 0.3312 0.4719 | 0.4242 | 0.5250 | 0.4914 | 0.4858 | Ave | | 0.4549 | | | 0.1000 | 15.1 | | 20.0 | | | |
| 1,1,1-Trichloroethane | 0.3483 0.4297 | 0.4336 | 0.4643 | 0.4390 | 0.4390 | Ave | | 0.4256 | | | 0.1000 | 9.3 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbon tetrachloride | 0.2888 0.3745 | 0.3569 | 0.3909 | 0.3736 | 0.3738 | Ave | | 0.3597 | | | 0.1000 | 10.1 | | 20.0 | | | |
| 1,1-Dichloropropene | 0.3901 0.4697 | 0.4482 | 0.4926 | 0.4632 | 0.4684 | Ave | | 0.4554 | | | | 7.7 | | 20.0 | | | |
| Isobutyl alcohol | 0.7346 0.9094 | 0.8766 | 0.9687 | 0.8873 | 0.9077 | Ave | | 0.8807 | | | | 8.9 | | 20.0 | | | |
| Isooctane | 0.8420 1.2996 | 1.1922 | 1.4978 | 1.4197 | 1.4086 | Ave | | 1.2766 | | | | 18.6 | | 20.0 | | | |
| Benzene | 1.6698 1.7384 | 1.9586 | 1.9699 | 1.8364 | 1.7863 | Ave | | 1.8266 | | | 0.5000 | 6.6 | | 20.0 | | | |
| Tert-amyl methyl ether | 0.2395 0.2288 | 0.2674 | 0.2520 | 0.2327 | 0.2379 | Ave | | 0.2431 | | | | 5.9 | | 20.0 | | | |
| Isopropyl acetate | 0.1445 0.1311 | 0.1585 | 0.1465 | 0.1372 | 0.1382 | Ave | | 0.1427 | | | | 6.7 | | 20.0 | | | |
| 1,2-Dichloroethane | 0.3562 0.3348 | 0.3944 | 0.3743 | 0.3478 | 0.3474 | Ave | | 0.3592 | | | 0.1000 | 6.0 | | 20.0 | | | |
| n-Heptane | 0.3660 0.5817 | 0.4967 | 0.6275 | 0.5936 | 0.5969 | Ave | | 0.5437 | | | | 17.9 | | 20.0 | | | |
| n-Butanol | 0.2852 0.3554 | 0.3655 | 0.3782 | 0.3219 | 0.3416 | Ave | | 0.3413 | | | | 9.9 | | 20.0 | | | |
| Trichloroethene | 0.2691 0.3174 | 0.3246 | 0.3335 | 0.3173 | 0.3213 | Ave | | 0.3139 | | | 0.2000 | 7.2 | | 20.0 | | | |
| Methylcyclohexane | 0.4107 0.6036 | 0.5169 | 0.6363 | 0.6050 | 0.6146 | Ave | | 0.5645 | | | 0.1000 | 15.2 | | 20.0 | | | |
| Ethyl acrylate | 0.3638 0.3560 | 0.4086 | 0.3719 | 0.3472 | 0.3548 | Ave | | 0.3670 | | | | 6.0 | | 20.0 | | | |
| 1,2-Dichloropropane | 0.2979 0.3211 | 0.3444 | 0.3362 | 0.3151 | 0.3247 | Ave | | 0.3232 | | | 0.1000 | 5.0 | | 20.0 | | | |
| Methyl methacrylate | 0.0620 0.0621 | 0.0735 | 0.0683 | 0.0642 | 0.0645 | Ave | | 0.0658 | | | | 6.7 | | 20.0 | | | |
| 1,4-Dioxane | 1.4331 1.5802 | 1.6665 | 1.4283 | 1.2219 | 1.4699 | Ave | | 1.4666 | | | | 10.4 | | 20.0 | | | |
| Dibromomethane | 0.1809 0.1489 | 0.1956 | 0.1741 | 0.1641 | 0.1651 | Ave | | 0.1715 | | | | 9.3 | | 20.0 | | | |
| n-Propyl acetate | 0.3545 0.3465 | 0.3912 | 0.3705 | 0.3460 | 0.3561 | Ave | | 0.3608 | | | | 4.8 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dichlorobromomethane | 0.3362 0.3815 | 0.4016 | 0.3930 | 0.3734 | 0.3814 | Ave | | 0.3778 | | | 0.2000 | 6.0 | | 20.0 | | | |
| 2-Nitropropane | 0.0971 0.0586 | 0.0787 | 0.0699 | 0.0634 | 0.0629 | Ave | | 0.0718 | | | | 19.9 | | 20.0 | | | |
| 2-Chloroethyl vinyl ether | 0.1870 0.1412 | 0.2008 | 0.1800 | 0.1651 | 0.1549 | Ave | | 0.1715 | | | | 12.8 | | 20.0 | | | |
| Epichlorohydrin | 0.8639 0.7234 | 1.1192 | 0.9899 | 0.9365 | 0.8627 | Ave | | 0.9159 | | | | 14.6 | | 20.0 | | | |
| cis-1,3-Dichloropropene | 0.7279 0.7373 | 0.7974 | 0.7878 | 0.7200 | 0.7293 | Ave | | 0.7499 | | | 0.2000 | 4.5 | | 20.0 | | | |
| 4-Methyl-2-pentanone (MIBK) | 2.3047 2.4892 | 2.7321 | 2.4993 | 2.3653 | 2.4048 | Ave | | 2.4659 | | | 0.0500 | 6.1 | | 20.0 | | | |
| Toluene | 1.8341 1.7626 | 2.0176 | 2.0005 | 1.8848 | 1.8255 | Ave | | 1.8875 | | | 0.4000 | 5.4 | | 20.0 | | | |
| trans-1,3-Dichloropropene | 0.7005 0.6138 | 0.7002 | 0.6634 | 0.6167 | 0.6161 | Ave | | 0.6518 | | | 0.1000 | 6.4 | | 20.0 | | | |
| Ethyl methacrylate | 0.3556 0.3388 | 0.3903 | 0.3659 | 0.3420 | 0.3510 | Ave | | 0.3573 | | | | 5.3 | | 20.0 | | | |
| 1,1,2-Trichloroethane | 0.2664 0.3049 | 0.3401 | 0.3226 | 0.3014 | 0.3058 | Ave | | 0.3069 | | | 0.1000 | 8.0 | | 20.0 | | | |
| Tetrachloroethene | 0.3292 0.4147 | 0.3904 | 0.4159 | 0.3955 | 0.4028 | Ave | | 0.3914 | | | 0.2000 | 8.2 | | 20.0 | | | |
| 1,3-Dichloropropane | 0.5662 0.6140 | 0.6835 | 0.6307 | 0.5854 | 0.5967 | Ave | | 0.6128 | | | | 6.7 | | 20.0 | | | |
| 2-Hexanone | 1.6245 1.8509 | 1.9469 | 1.7455 | 1.6594 | 1.7367 | Ave | | 1.7607 | | | 0.0500 | 6.8 | | 20.0 | | | |
| n-Butyl acetate | 0.1282 0.0973 | 0.1106 | 0.1053 | 0.0972 | 0.0981 | Ave | | 0.1061 | | | | 11.4 | | 20.0 | | | |
| Chlorodibromomethane | 0.3454 0.3952 | 0.4127 | 0.3907 | 0.3651 | 0.3820 | Ave | | 0.3819 | | | 0.1000 | 6.2 | | 20.0 | | | |
| Ethylene Dibromide | 0.3531 0.3472 | 0.3823 | 0.3575 | 0.3311 | 0.3384 | Ave | | 0.3516 | | | 0.1000 | 5.1 | | 20.0 | | | |
| Chlorobenzene | 1.0517 1.0830 | 1.2112 | 1.1820 | 1.0978 | 1.1013 | Ave | | 1.1212 | | | 0.5000 | 5.5 | | 20.0 | | | |
| Ethylbenzene | 0.6019 0.5989 | 0.6571 | 0.6683 | 0.6258 | 0.6354 | Ave | | 0.6312 | | | 0.1000 | 4.5 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 0.3143 0.3666 | 0.3787 | 0.3804 | 0.3585 | 0.3723 | Ave | | 0.3618 | | | | 6.8 | | 20.0 | | | |
| m-Xylene & p-Xylene | 0.7755 0.7880 | 0.8248 | 0.8224 | 0.7792 | 0.8003 | Ave | | 0.7984 | | | 0.1000 | 2.7 | | 20.0 | | | |
| n-Butyl acrylate | 0.3255 0.3063 | 0.3594 | 0.3284 | 0.3040 | 0.3152 | Ave | | 0.3232 | | | | 6.3 | | 20.0 | | | |
| o-Xylene | 0.6827 0.7036 | 0.7819 | 0.7809 | 0.7256 | 0.7379 | Ave | | 0.7354 | | | 0.3000 | 5.5 | | 20.0 | | | |
| Styrene | 1.1835 1.2261 | 1.3200 | 1.3086 | 1.2298 | 1.2731 | Ave | | 1.2569 | | | 0.3000 | 4.2 | | 20.0 | | | |
| Amyl acetate (mixed isomers) | 1.4299 1.0576 | 1.5966 | 1.4441 | 1.2710 | 1.1848 | Ave | | 1.3307 | | | | 14.8 | | 20.0 | | | |
| Bromoform | 0.1885 0.2391 | 0.2201 | 0.2182 | 0.2075 | 0.2250 | Ave | | 0.2164 | | | 0.1000 | 7.9 | | 20.0 | | | |
| Isopropylbenzene | 1.5028 1.8147 | 1.8345 | 1.9249 | 1.8364 | 1.8846 | Ave | | 1.7996 | | | 0.1000 | 8.4 | | 20.0 | | | |
| Bromobenzene | 0.8184 0.7054 | 0.9353 | 0.8688 | 0.7854 | 0.7507 | Ave | | 0.8107 | | | | 10.2 | | 20.0 | | | |
| 1,1,2,2-Tetrachloroethane | 0.9568 0.7926 | 1.0835 | 0.9979 | 0.8947 | 0.8543 | Ave | | 0.9300 | | | 0.3000 | 11.3 | | 20.0 | | | |
| N-Propylbenzene | 4.5724 3.8916 | 5.4107 | 5.4448 | 4.9820 | 4.6518 | Ave | | 4.8256 | | | | 12.1 | | 20.0 | | | |
| 1,2,3-Trichloropropane | 0.2643 0.2007 | 0.2766 | 0.2492 | 0.2230 | 0.2150 | Ave | | 0.2381 | | | | 12.5 | | 20.0 | | | |
| trans-1,4-Dichloro-2-butene | 0.3092 0.2591 | 0.3540 | 0.3219 | 0.2871 | 0.2783 | Ave | | 0.3016 | | | | 11.3 | | 20.0 | | | |
| 4-Ethyltoluene | 3.7193 2.8761 | 4.3962 | 4.3983 | 4.0398 | 3.6684 | Ave | | 3.8497 | | | | 14.8 | | 20.0 | | | |
| 2-Chlorotoluene | 3.1787 2.5164 | 3.6432 | 3.5886 | 3.3128 | 3.1081 | Ave | | 3.2246 | | | | 12.7 | | 20.0 | | | |
| 1,3,5-Trimethylbenzene | 3.1043 2.8193 | 3.5460 | 3.5487 | 3.2911 | 3.1964 | Ave | | 3.2510 | | | | 8.6 | | 20.0 | | | |
| 4-Chlorotoluene | 2.9731 2.6408 | 3.3503 | 3.3046 | 3.0528 | 2.9706 | Ave | | 3.0487 | | | | 8.5 | | 20.0 | | | |
| Butyl Methacrylate | 1.1481 1.0185 | 1.2933 | 1.2390 | 1.1280 | 1.1173 | Ave | | 1.1574 | | | | 8.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| tert-Butylbenzene | 2.4090 2.3174 | 2.8756 | 2.9643 | 2.7201 | 2.6043 | Ave | | 2.6485 | | | | 9.6 | | 20.0 | | | |
| 1,2,4-Trimethylbenzene | 3.1857 2.7502 | 3.6369 | 3.5524 | 3.2564 | 3.1629 | Ave | | 3.2574 | | | | 9.7 | | 20.0 | | | |
| sec-Butylbenzene | 3.7360 3.5373 | 4.5970 | 4.8130 | 4.4004 | 4.1889 | Ave | | 4.2121 | | | | 11.8 | | 20.0 | | | |
| 4-Isopropyltoluene | 3.1609 2.7441 | 3.7435 | 3.8640 | 3.5780 | 3.3991 | Ave | | 3.4149 | | | | 12.1 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.6319 1.4106 | 1.7821 | 1.7558 | 1.6310 | 1.6196 | Ave | | 1.6385 | | | 0.6000 | 8.0 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.7270 1.3944 | 1.8549 | 1.7847 | 1.6451 | 1.6168 | Ave | | 1.6705 | | | 0.5000 | 9.7 | | 20.0 | | | |
| 1,2,3-Trimethylbenzene | 3.4055 2.7603 | 3.7338 | 3.7095 | 3.4124 | 3.3404 | Ave | | 3.3937 | | | | 10.4 | | 20.0 | | | |
| Benzyl chloride | 0.3569 0.3151 | 0.4059 | 0.3681 | 0.3276 | 0.3307 | Ave | | 0.3507 | | | | 9.5 | | 20.0 | | | |
| Indan | 1.0614 1.0887 | 1.1964 | 1.1778 | 1.1505 | 1.1683 | Ave | | 1.1405 | | | | 4.7 | | 20.0 | | | |
| p-Diethylbenzene | 2.1949 2.0004 | 2.5665 | 2.5586 | 2.3913 | 2.3332 | Ave | | 2.3408 | | | | 9.3 | | 20.0 | | | |
| n-Butylbenzene | 1.9899 1.8458 | 2.2012 | 2.3251 | 2.1444 | 2.1487 | Ave | | 2.1092 | | | | 8.0 | | 20.0 | | | |
| 1,2-Dichlorobenzene | 1.5039 1.4487 | 1.6734 | 1.6167 | 1.5161 | 1.5539 | Ave | | 1.5521 | | | 0.4000 | 5.3 | | 20.0 | | | |
| 1,2,4,5-Tetramethylbenzene | 3.1593 2.5793 | 3.4515 | 3.3529 | 3.0906 | 2.9591 | Ave | | 3.0988 | | | | 10.0 | | 20.0 | | | |
| 1,2-Dibromo-3-Chloropropane | 0.1614 0.1507 | 0.1818 | 0.1721 | 0.1508 | 0.1544 | Ave | | 0.1619 | | | 0.0500 | 7.9 | | 20.0 | | | |
| 1,3,5-Trichlorobenzene | 1.1069 1.0012 | 1.2001 | 1.1492 | 1.0615 | 1.0452 | Ave | | 1.0940 | | | | 6.7 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 1.0129 0.8163 | 1.0559 | 0.9612 | 0.8845 | 0.8626 | Ave | | 0.9322 | | | 0.2000 | 10.0 | | 20.0 | | | |
| Hexachlorobutadiene | 0.4046 0.4652 | 0.4830 | 0.5207 | 0.4623 | 0.4575 | Ave | | 0.4656 | | | | 8.1 | | 20.0 | | | |
| Naphthalene | 2.9820 1.9655 | 2.7161 | 2.4687 | 2.2123 | 2.1213 | Ave | | 2.4110 | | | | 16.0 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2,3-Trichlorobenzene | 0.8825 0.7003 | 0.9221 | 0.8508 | 0.7704 | 0.7424 | Ave | | 0.8114 | | | | 10.7 | | 20.0 | | | |
| Dibromofluoromethane (Surr) | 0.2391 0.2392 | 0.2411 | 0.2399 | 0.2367 | 0.2408 | Ave | | 0.2395 | | | | 0.7 | | 20.0 | | | |
| 1,2-Dichloroethane-d4 (Surr) | 0.2584 0.2012 | 0.2556 | 0.2565 | 0.2551 | 0.2717 | Ave | | 0.2498 | | | | 9.8 | | 20.0 | | | |
| Toluene-d8 (Surr) | 1.4565 1.5448 | 1.4733 | 1.4606 | 1.4658 | 1.4687 | Ave | | 1.4783 | | | | 2.2 | | 20.0 | | | |
| 4-Bromofluorobenzene | 0.7972 0.7063 | 0.8031 | 0.7813 | 0.7583 | 0.7187 | Ave | | 0.7608 | | | | 5.3 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 | Calibration End Date: 02/07/2025 07:19 | Calibration ID: 100137

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD1 460-1020046/3 | D24795.D |
| Level 2 | STD5 460-1020046/4 | D24796.D |
| Level 3 | STD20 460-1020046/5 | D24797.D |
| Level 4 | STD50 460-1020046/6 | D24798.D |
| Level 5 | STD200 460-1020046/7 | D24799.D |
| Level 6 | STD500 460-1020046/8 | D24800.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlorotrifluoroethene | BUT | Ave | 976<br>853289 | 6452 | 30230 | 75252 | 335789 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorodifluoromethane | FB | Ave | 4592<br>4571967 | 28997 | 132469 | 317881 | 1707742 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodifluoromethane | FB | Ave | 7094<br>5038321 | 43118 | 179751 | 451342 | 1953080 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloromethane | FB | Ave | 5411<br>3977265 | 30201 | 119842 | 291004 | 1416703 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl chloride | FB | Ave | 4188<br>3170700 | 23254 | 99809 | 240465 | 1135686 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butadiene | FB | Ave | 4211<br>3077036 | 23019 | 101641 | 243087 | 1129300 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromomethane | FB | QuaF | 2778<br>460481 | 14411 | 33356 | 37151 | 236076 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chloroethane | FB | Ave | 3145<br>1753021 | 15482 | 60998 | 143452 | 684420 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Trichlorofluoromethane | FB | Ave | 4260<br>3447148 | 25679 | 113457 | 266444 | 1263187 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorofluoromethane | FB | Ave | 7262<br>4867210 | 41949 | 162738 | 384878 | 1792230 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Pentane | FB | Ave | 1156<br>989086 | 7466 | 37188 | 86975 | 380152 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Ethanol | TBAd9 | Ave | 989<br>+++++ | 4620 | 16279 | 34281 | 146239 | 40.0<br>+++++ | 200 | 800 | 2000 | 8000 |
| Ethyl ether | FB | Ave | 3626<br>1680923 | 17852 | 65527 | 149042 | 638389 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-1,3-butadiene | FB | Ave | 2731<br>2234891 | 17603 | 88819 | 202378 | 858182 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloro-1,1,2-trifluoroethane | FB | Ave | 2274<br>2122775 | 13864 | 63534 | 154119 | 606813 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trifluoro-2,2-dichloroethane | FB | Ave | 4301<br>3634669 | 27524 | 120407 | 298852 | 1365058 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 | Calibration End Date: 02/07/2025 07:19 | Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | FB | Ave | 2321<br>2492568 | 16531 | 82955 | 197924 | 888037 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrolein | FB | Ave | 44130<br>370205 | 80827 | 129737 | 167456 | 251415 | 100<br>600 | 200 | 300 | 400 | 500 |
| 1,1-Dichloroethene | FB | Ave | 2792<br>2427888 | 17887 | 81846 | 187936 | 852365 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acetone | BUT | Ave | 4677<br>2332689 | 24735 | 81487 | 196240 | 912737 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Iodomethane | FB | Ave | 2739<br>2913127 | 17574 | 85867 | 225001 | 1093402 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon disulfide | FB | Ave | 11078<br>9317838 | 68396 | 307048 | 728563 | 3265003 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl alcohol | TBAd9 | Ave | 2560<br>1339185 | 13423 | 50274 | 104806 | 467058 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| 3-Chloro-1-propene | FB | Ave | 2165<br>1446051 | 12745 | 53195 | 119980 | 519926 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclopentene | FB | Ave | 6580<br>7367217 | 39905 | 197968 | 467034 | 2670876 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl acetate | FB | Ave | 4105<br>2617610 | 23786 | 89980 | 210009 | 913165 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Acetonitrile | FB | Ave | 1895<br>1357369 | 11059 | 39672 | 94459 | 441429 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methylene Chloride | FB | Ave | 5294<br>2561920 | 23174 | 85818 | 199309 | 897100 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Methyl-2-propanol | TBAd9 | Ave | 4168<br>2037887 | 21166 | 82317 | 173524 | 802828 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Methyl tert-butyl ether | FB | Ave | 8826<br>6169857 | 54178 | 206347 | 481319 | 2190568 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,2-Dichloroethene | FB | Ave | 3260<br>2619466 | 20501 | 87507 | 202715 | 925151 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Acrylonitrile | TBAd9 | Ave | 10022<br>6387472 | 59448 | 219921 | 514609 | 2327744 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Hexane | FB | Ave | 4488<br>4608920 | 30696 | 154815 | 364272 | 1649770 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropyl ether | FB | Ave | 10838<br>7554735 | 64467 | 255333 | 601612 | 2751506 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloroethane | FB | Ave | 6677<br>4592902 | 38186 | 158191 | 371485 | 1618352 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Vinyl acetate | FB | Ave | 1322<br>857383 | 7722 | 29201 | 66083 | 310979 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 Calibration End Date: 02/07/2025 07:19 Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 2-Chloro-1,3-butadiene | FB | Ave | 2662<br>2367683 | 17893 | 78871 | 187444 | 858195 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-butyl ethyl ether | FB | Ave | 10351<br>7270180 | 62984 | 240466 | 568988 | 2618788 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2,2-Dichloropropane | FB | Ave | 1779<br>1201662 | 9740 | 40565 | 94634 | 427183 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| cis-1,2-Dichloroethene | FB | Ave | 3748<br>2724784 | 21586 | 88405 | 210329 | 956743 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Butanone (MEK) | BUT | Ave | 1896<br>1116039 | 10412 | 37136 | 86349 | 409328 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Ethyl acetate | TBAd9 | Ave | 640<br>459346 | 3666 | 14125 | 33584 | 161165 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Methyl acrylate | FB | Ave | 2466<br>1692462 | 14455 | 55985 | 131425 | 603214 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Propionitrile | TBAd9 | Ave | 4258<br>2491229 | 22541 | 84489 | 198569 | 911384 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Tetrahydrofuran | TBAd9 | Ave | 963<br>456138 | 4407 | 16732 | 37126 | 170859 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| Chlorobromomethane | FB | Ave | 1631<br>1069132 | 8957 | 33598 | 79434 | 364872 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methacrylonitrile | FB | Ave | 12226<br>7340567 | 69187 | 262286 | 615761 | 2811267 | 10.0<br>5000 | 50.0 | 200 | 500 | 2000 |
| Chloroform | FB | Ave | 5703<br>4226530 | 34033 | 138496 | 326010 | 1518464 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Cyclohexane | FB | Ave | 3964<br>4185764 | 25387 | 130594 | 312498 | 1463201 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1-Trichloroethane | FB | Ave | 4168<br>3811074 | 25952 | 115487 | 279168 | 1321981 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Carbon tetrachloride | FB | Ave | 3456<br>3321433 | 21361 | 97226 | 237611 | 1125869 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1-Dichloropropene | FB | Ave | 4668<br>4166359 | 26822 | 122535 | 294601 | 1410811 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isobutyl alcohol | TBAd9 | Ave | 5641<br>4340867 | 32840 | 151812 | 338567 | 1603466 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| Isooctane | FB | Ave | 10077<br>11526654 | 71353 | 372574 | 902880 | 4242104 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzene | CBNZd5 | Ave | 13303<br>10075721 | 78232 | 327513 | 786232 | 3643696 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tert-amyl methyl ether | FB | Ave | 2866<br>2029772 | 16006 | 62686 | 147986 | 716551 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4  GC Column: Rtx-624  ID: 0.25(mm)  Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24  Calibration End Date: 02/07/2025 07:19  Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Isopropyl acetate | FB | Ave | 1729<br>1163126 | 9485 | 36449 | 87283 | 416271 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloroethane | FB | Ave | 4263<br>2969945 | 23605 | 93093 | 221214 | 1046179 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Heptane | FB | Ave | 4380<br>5159259 | 29727 | 156089 | 377544 | 1797532 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butanol | TBAd9 | Ave | 2190<br>1696329 | 13691 | 59270 | 122806 | 603440 | 25.0<br>12500 | 125 | 500 | 1250 | 5000 |
| Trichloroethene | FB | Ave | 3220<br>2815228 | 19430 | 82952 | 201773 | 967520 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methylcyclohexane | FB | Ave | 4915<br>5353511 | 30938 | 158285 | 384748 | 1850938 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethyl acrylate | FB | Ave | 4354<br>3157714 | 24452 | 92502 | 220806 | 1068502 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichloropropane | FB | Ave | 3565<br>2847742 | 20611 | 83614 | 200396 | 977876 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Methyl methacrylate | FB | Ave | 1484<br>1101669 | 8793 | 33997 | 81619 | 388316 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 1,4-Dioxane | DXE | Ave | 735<br>472506 | 4040 | 15118 | 34295 | 164200 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| Dibromomethane | FB | Ave | 2165<br>1320339 | 11704 | 43318 | 104382 | 497343 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Propyl acetate | FB | Ave | 4243<br>3073684 | 23415 | 92156 | 220021 | 1072376 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dichlorobromomethane | FB | Ave | 4023<br>3383688 | 24037 | 97765 | 237471 | 1148588 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Nitropropane | FB | Ave | 2325<br>1039878 | 9425 | 34756 | 80604 | 379134 | 2.00<br>1000 | 10.0 | 40.0 | 100 | 400 |
| 2-Chloroethyl vinyl ether | FB | Ave | 2243<br>1255569 | 12045 | 44887 | 105261 | 467669 | 1.00<br>501 | 5.01 | 20.0 | 50.1 | 200 |
| Epichlorohydrin | TBAd9 | Ave | 5307<br>2762414 | 33544 | 124106 | 285860 | 1219141 | 20.0<br>10000 | 100 | 400 | 1000 | 4000 |
| cis-1,3-Dichloropropene | CBNZd5 | Ave | 5799<br>4273198 | 31849 | 130984 | 308252 | 1487682 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Methyl-2-pentanone (MIBK) | BUT | Ave | 13663<br>8780386 | 78997 | 303122 | 712234 | 3296668 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| Toluene | CBNZd5 | Ave | 14612<br>10215547 | 80590 | 332602 | 806966 | 3723660 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,3-Dichloropropene | CBNZd5 | Ave | 5581 | 27968 | 110291 | 264019 | 1256795 | 1.00 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 | Calibration End Date: 02/07/2025 07:19 | Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | | 3557265 | | | | | 500 | | | | |
| Ethyl methacrylate | FB | Ave | 4256<br>3004680 | 23357 | 91005 | 217535 | 1056946 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | 2122<br>1766895 | 13584 | 53638 | 129047 | 623825 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Tetrachloroethene | CBNZd5 | Ave | 2623<br>2403299 | 15592 | 69140 | 169339 | 821691 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichloropropane | CBNZd5 | Ave | 4511<br>3558701 | 27300 | 104863 | 250634 | 1217206 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Hexanone | BUT | Ave | 9631<br>6529044 | 56293 | 211705 | 499691 | 2380836 | 5.00<br>2500 | 25.0 | 100 | 250 | 1000 |
| n-Butyl acetate | CBNZd5 | Ave | 1021<br>563804 | 4418 | 17514 | 41597 | 200076 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorodibromomethane | CBNZd5 | Ave | 2752<br>2290796 | 16484 | 64950 | 156326 | 779283 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylene Dibromide | CBNZd5 | Ave | 2813<br>2012539 | 15269 | 59441 | 141755 | 690291 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Chlorobenzene | CBNZd5 | Ave | 8379<br>6276694 | 48377 | 196517 | 470024 | 2246444 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Ethylbenzene | CBNZd5 | Ave | 4795<br>3471246 | 26248 | 111116 | 267940 | 1296140 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,1,2-Tetrachloroethane | CBNZd5 | Ave | 2504<br>2124559 | 15128 | 63252 | 153468 | 759477 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| m-Xylene & p-Xylene | CBNZd5 | Ave | 6178<br>4567323 | 32943 | 136735 | 333620 | 1632484 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butyl acrylate | CBNZd5 | Ave | 2593<br>1775493 | 14357 | 54607 | 130162 | 643018 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| o-Xylene | CBNZd5 | Ave | 5439<br>4078185 | 31232 | 129824 | 310648 | 1505223 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Styrene | CBNZd5 | Ave | 9429 | 52724 | 217561 | 526534 | 2596915 | 1.00 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 | Calibration End Date: 02/07/2025 07:19 | Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | | 7106556 | | | | | 500 | | | | |
| Amyl acetate (mixed isomers) | DCBd4 | Ave | 5308<br>3804316 | 30099 | 115982 | 275256 | 1356063 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromoform | CBNZd5 | Ave | 1502<br>1385738 | 8790 | 36279 | 88832 | 458891 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Isopropylbenzene | CBNZd5 | Ave | 11973<br>10517496 | 73276 | 320027 | 786236 | 3844166 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Bromobenzene | DCBd4 | Ave | 3038<br>2537521 | 17632 | 69777 | 170091 | 859239 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,1,2,2-Tetrachloroethane | DCBd4 | Ave | 3552<br>2851189 | 20426 | 80148 | 193771 | 977794 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| N-Propylbenzene | DCBd4 | Ave | 16974<br>13998600 | 102005 | 437287 | 1078932 | 5324472 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichloropropane | DCBd4 | Ave | 981<br>721873 | 5214 | 20014 | 48294 | 246111 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| trans-1,4-Dichloro-2-butene | DCBd4 | Ave | 1148<br>932031 | 6673 | 25852 | 62173 | 318511 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Ethyltoluene | DCBd4 | Ave | 13807<br>10345601 | 82879 | 353238 | 874879 | 4198873 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 2-Chlorotoluene | DCBd4 | Ave | 11800<br>9051568 | 68682 | 288212 | 717429 | 3557544 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trimethylbenzene | DCBd4 | Ave | 11524<br>10141340 | 66851 | 285008 | 712746 | 3658559 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Chlorotoluene | DCBd4 | Ave | 11037<br>9499042 | 63160 | 265402 | 661127 | 3400121 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Butyl Methacrylate | DCBd4 | Ave | 4262<br>3663742 | 24382 | 99509 | 244296 | 1278829 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| tert-Butylbenzene | DCBd4 | Ave | 8943<br>8335958 | 54211 | 238076 | 589069 | 2980909 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trimethylbenzene | DCBd4 | Ave | 11826<br>9892877 | 68563 | 285307 | 705228 | 3620284 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| sec-Butylbenzene | DCBd4 | Ave | 13869<br>12724153 | 86664 | 386544 | 952977 | 4794619 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 4-Isopropyltoluene | DCBd4 | Ave | 11734<br>9870928 | 70573 | 310332 | 774865 | 3890572 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 6058<br>5073947 | 33596 | 141012 | 353228 | 1853741 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 6411<br>5015885 | 34970 | 143332 | 356262 | 1850564 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1020046

SDG No.:

Instrument ID: CVOAMS4 | GC Column: Rtx-624 | ID: 0.25(mm) | Heated Purge: (Y/N) Y

Calibration Start Date: 02/07/2025 05:24 | Calibration End Date: 02/07/2025 07:19 | Calibration ID: 100137

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| 1,2,3-Trimethylbenzene | DCBd4 | Ave | 12642<br>9929054 | 70391 | 297922 | 739008 | 3823421 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Benzyl chloride | DCBd4 | Ave | 1325<br>1133275 | 7652 | 29561 | 70954 | 378536 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Indan | FB | Ave | 12702<br>9656465 | 71605 | 292977 | 731692 | 3518669 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| p-Diethylbenzene | DCBd4 | Ave | 8148<br>7195559 | 48384 | 205491 | 517868 | 2670549 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| n-Butylbenzene | DCBd4 | Ave | 7387<br>6639676 | 41498 | 186740 | 464397 | 2459383 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 5583<br>5210964 | 31548 | 129844 | 328330 | 1778534 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4,5-Tetramethylbenzene | DCBd4 | Ave | 11728<br>9278056 | 65068 | 269280 | 669306 | 3386941 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2-Dibromo-3-Chloropropane | DCBd4 | Ave | 599<br>542031 | 3428 | 13824 | 32652 | 176751 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,3,5-Trichlorobenzene | DCBd4 | Ave | 4109<br>3601340 | 22625 | 92294 | 229893 | 1196330 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,4-Trichlorobenzene | DCBd4 | Ave | 3760<br>2936387 | 19907 | 77199 | 191546 | 987363 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Hexachlorobutadiene | DCBd4 | Ave | 1502<br>1673407 | 9105 | 41817 | 100126 | 523679 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Naphthalene | DCBd4 | Ave | 11070<br>7070141 | 51204 | 198271 | 479112 | 2428073 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| 1,2,3-Trichlorobenzene | DCBd4 | Ave | 3276<br>2518980 | 17384 | 68332 | 166831 | 849802 | 1.00<br>500 | 5.00 | 20.0 | 50.0 | 200 |
| Dibromofluoromethane (Surr) | FB | Ave | 143096<br>212159 | 144302 | 149160 | 150567 | 181311 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 1,2-Dichloroethane-d4 (Surr) | FB | Ave | 154608<br>178444 | 152972 | 159526 | 162241 | 204597 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| Toluene-d8 (Surr) | CBNZd5 | Ave | 580198<br>895343 | 588460 | 607110 | 627558 | 748993 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| 4-Bromofluorobenzene | DCBd4 | Ave | 147962<br>254075 | 151408 | 156871 | 164222 | 205660 | 50.0<br>50.0 | 50.0 | 50.0 | 50.0 | 50.0 |

Curve Type Legend:
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Feb-2025 05:24:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0186631-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:20:08 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: HVW2 Date: 07-Feb-2025 05:49:21

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 88 | 976 | 1.00 | 0.7190 | |
| 2 Dichlorodifluoromethane | 85 | 1.371 | 1.370 | 0.001 | 98 | 4592 | 1.00 | 0.7718 | |
| 3 Chlorodifluoromethane | 51 | 1.399 | 1.399 | 0.000 | 95 | 7094 | 1.00 | 0.8977 | |
| 4 Chloromethane | 50 | 1.564 | 1.571 | -0.007 | 100 | 5411 | 1.00 | 0.9637 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 4188 | 1.00 | 0.9322 | |
| 6 Butadiene | 54 | 1.693 | 1.686 | 0.007 | 98 | 4211 | 1.00 | 0.9386 | |
| 7 Bromomethane | 94 | 1.987 | 1.979 | 0.008 | 96 | 2778 | 1.00 | 2.51 | |
| 8 Chloroethane | 64 | 2.087 | 2.080 | 0.007 | 98 | 3145 | 1.00 | 1.11 | |
| 9 Trichlorofluoromethane | 101 | 2.295 | 2.294 | 0.001 | 94 | 4260 | 1.00 | 0.8653 | |
| 10 Dichlorofluoromethane | 67 | 2.302 | 2.294 | 0.008 | 96 | 7262 | 1.00 | 0.9811 | |
| 11 Pentane | 72 | 2.352 | 2.345 | 0.007 | 98 | 1156 | 2.00 | 1.56 | |
| 12 Ethanol | 46 | 2.552 | 2.552 | 0.000 | 98 | 989 | 40.0 | 48.7 | |
| 13 Ethyl ether | 59 | 2.588 | 2.581 | 0.007 | 95 | 3626 | 1.00 | 1.21 | M |
| 14 2-Methyl-1,3-butadiene | 53 | 2.595 | 2.595 | 0.000 | 91 | 2731 | 1.00 | 0.7894 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.646 | 2.645 | 0.001 | 93 | 2274 | 1.00 | 0.8382 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 95 | 4301 | 1.00 | 0.8179 | |
| 18 Acrolein | 56 | 2.775 | 2.774 | 0.001 | 97 | 44130 | 100.0 | 107.1 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.775 | 2.774 | 0.001 | 31 | 2321 | 1.00 | 0.6882 | |
| 19 1,1-Dichloroethene | 96 | 2.810 | 2.803 | 0.007 | 97 | 2792 | 1.00 | 0.8169 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 86 | 4677 | 5.00 | 5.51 | |
| 21 Iodomethane | 142 | 2.975 | 2.968 | 0.007 | 98 | 2739 | 1.00 | 0.7178 | |
| 22 Carbon disulfide | 76 | 3.004 | 3.004 | 0.000 | 100 | 11078 | 1.00 | 0.8437 | |
| 23 Isopropyl alcohol | 45 | 3.047 | 3.047 | 0.000 | 99 | 2560 | 10.0 | 10.9 | |
| 24 3-Chloro-1-propene | 76 | 3.190 | 3.183 | 0.007 | 93 | 2165 | 1.00 | 0.9588 | |
| 25 Cyclopentene | 67 | 3.204 | 3.204 | 0.000 | 94 | 6580 | 1.00 | 0.7390 | |
| 26 Methyl acetate | 43 | 3.219 | 3.211 | 0.008 | 99 | 4105 | 2.00 | 2.03 | |
| 27 Acetonitrile | 40 | 3.276 | 3.269 | 0.007 | 99 | 1895 | 10.0 | 10.0 | |
| 28 Methylene Chloride | 84 | 3.340 | 3.340 | 0.000 | 96 | 5294 | 1.00 | 1.28 | |
| * 29 TBA-d9 (IS) | 65 | 3.348 | 3.355 | -0.007 | 0 | 307145 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.434 | 3.433 | 0.001 | 97 | 4168 | 10.0 | 11.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 97 | 8826 | 1.00 | 0.9512 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.562 | 3.562 | 0.000 | 98 | 3260 | 1.00 | 0.8657 | |
| 33 Acrylonitrile | 53 | 3.656 | 3.655 | 0.001 | 93 | 10022 | 10.0 | 9.44 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 92 | 4488 | 1.00 | 0.7142 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 97 | 10838 | 1.00 | 0.9498 | |
| 36 1,1-Dichloroethane | 63 | 4.042 | 4.035 | 0.007 | 99 | 6677 | 1.00 | 0.9644 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 1322 | 2.00 | 2.01 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.093 | 4.092 | 0.001 | 92 | 2662 | 1.00 | 0.7920 | |
| 39 Tert-butyl ethyl ether | 59 | 4.408 | 4.400 | 0.008 | 88 | 10351 | 1.00 | 0.9491 | |
| 40 2,2-Dichloropropane | 79 | 4.637 | 4.630 | 0.007 | 46 | 1779 | 1.00 | 0.99 | a |
| * 41 2-Butanone-d5 | 46 | 4.637 | 4.637 | 0.000 | 46 | 296422 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.673 | 4.665 | 0.008 | 95 | 3748 | 1.00 | 0.9467 | |
| 43 2-Butanone (MEK) | 72 | 4.709 | 4.701 | 0.008 | 98 | 1896 | 5.00 | 5.08 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 96 | 640 | 2.00 | 1.83 | |
| 45 Methyl acrylate | 55 | 4.780 | 4.780 | 0.000 | 97 | 2466 | 1.00 | 0.9732 | |
| 46 Propionitrile | 54 | 4.866 | 4.859 | 0.007 | 98 | 4258 | 10.0 | 10.2 | |
| 47 Tetrahydrofuran | 72 | 4.945 | 4.938 | 0.007 | 62 | 963 | 2.00 | 2.35 | |
| 48 Chlorobromomethane | 128 | 4.945 | 4.938 | 0.007 | 92 | 1631 | 1.00 | 1.04 | |
| 49 Methacrylonitrile | 67 | 4.988 | 4.981 | 0.007 | 93 | 12226 | 10.0 | 10.3 | |
| 50 Chloroform | 83 | 5.024 | 5.016 | 0.008 | 97 | 5703 | 1.00 | 0.9237 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 91 | 3964 | 1.00 | 0.7281 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 98 | 4168 | 1.00 | 0.8183 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 95 | 143096 | 50.0 | 49.9 | |
| 54 Carbon tetrachloride | 117 | 5.317 | 5.310 | 0.007 | 96 | 3456 | 1.00 | 0.8027 | |
| 55 1,1-Dichloropropene | 75 | 5.368 | 5.360 | 0.008 | 97 | 4668 | 1.00 | 0.8566 | |
| 56 Isobutyl alcohol | 43 | 5.568 | 5.568 | 0.000 | 92 | 5641 | 25.0 | 20.9 | |
| 137 Isooctane | 57 | 5.582 | 5.575 | 0.007 | 90 | 10077 | 1.00 | 0.6596 | |
| 57 Benzene | 78 | 5.604 | 5.597 | 0.007 | 96 | 13303 | 1.00 | 0.9142 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.633 | 5.625 | 0.008 | 97 | 154608 | 50.0 | 51.7 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 91 | 2866 | 1.00 | 0.9853 | |
| 60 Isopropyl acetate | 61 | 5.719 | 5.718 | 0.001 | 96 | 1729 | 1.00 | 1.01 | |
| 61 1,2-Dichloroethane | 62 | 5.726 | 5.718 | 0.008 | 94 | 4263 | 1.00 | 0.99 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 95 | 4380 | 1.00 | 0.6731 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 598375 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.399 | 6.385 | 0.014 | 80 | 2190 | 25.0 | 20.9 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 96 | 3220 | 1.00 | 0.8573 | |
| 66 Methylcyclohexane | 83 | 6.542 | 6.535 | 0.007 | 88 | 4915 | 1.00 | 0.7275 | |
| 67 Ethyl acrylate | 55 | 6.592 | 6.585 | 0.007 | 97 | 4354 | 1.00 | 0.99 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 90 | 3565 | 1.00 | 0.9216 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.829 | 6.829 | 0.000 | 0 | 25644 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.879 | 6.872 | 0.007 | 89 | 1484 | 2.00 | 1.89 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 44 | 735 | 20.0 | 19.5 | |
| 72 Dibromomethane | 93 | 6.900 | 6.893 | 0.007 | 81 | 2165 | 1.00 | 1.06 | |
| 73 n-Propyl acetate | 43 | 6.951 | 6.943 | 0.008 | 98 | 4243 | 1.00 | 0.9826 | |
| 74 Dichlorobromomethane | 83 | 7.080 | 7.079 | 0.001 | 99 | 4023 | 1.00 | 0.8897 | |
| 75 2-Nitropropane | 41 | 7.431 | 7.430 | 0.000 | 97 | 2325 | 2.00 | 2.71 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 85 | 2243 | 1.00 | 1.09 | |
| 77 Epichlorohydrin | 57 | 7.538 | 7.531 | 0.007 | 98 | 5307 | 20.0 | 18.9 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.588 | 7.581 | 0.007 | 93 | 5799 | 1.00 | 0.9706 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.746 | 7.746 | 0.000 | 95 | 13663 | 5.00 | 4.67 | a |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 98 | 580198 | 50.0 | 49.3 | |
| 81 Toluene | 91 | 7.875 | 7.867 | 0.008 | 93 | 14612 | 1.00 | 0.9717 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 97 | 5581 | 1.00 | 1.07 | |
| 83 Ethyl methacrylate | 69 | 8.211 | 8.204 | 0.007 | 92 | 4256 | 1.00 | 1.00 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 92 | 2122 | 1.00 | 0.8680 | |
| 85 Tetrachloroethene | 166 | 8.376 | 8.369 | 0.007 | 90 | 2623 | 1.00 | 0.8412 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 95 | 4511 | 1.00 | 0.9240 | |
| 87 2-Hexanone | 43 | 8.562 | 8.555 | 0.007 | 95 | 9631 | 5.00 | 4.61 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 97 | 1021 | 1.00 | 1.21 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 97 | 2752 | 1.00 | 0.9046 | |
| 90 Ethylene Dibromide | 107 | 8.791 | 8.784 | 0.007 | 98 | 2813 | 1.00 | 1.00 | |
| * 91 Chlorobenzene-d5 | 117 | 9.171 | 9.164 | 0.007 | 90 | 398347 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.193 | 9.193 | 0.001 | 95 | 8379 | 1.00 | 0.9381 | |
| 93 Ethylbenzene | 106 | 9.257 | 9.257 | 0.000 | 99 | 4795 | 1.00 | 0.9534 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 95 | 2504 | 1.00 | 0.8687 | |
| 95 m-Xylene & p-Xylene | 106 | 9.365 | 9.357 | 0.008 | 0 | 6178 | 1.00 | 0.9713 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 2593 | 1.00 | 1.01 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 93 | 5439 | 1.00 | 0.9283 | |
| 98 Styrene | 104 | 9.716 | 9.708 | 0.008 | 94 | 9429 | 1.00 | 0.9416 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 5308 | 1.00 | 1.07 | |
| 100 Bromoform | 173 | 9.887 | 9.880 | 0.007 | 91 | 1502 | 1.00 | 0.8712 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 97 | 11973 | 1.00 | 0.8351 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 147962 | 50.0 | 52.4 | |
| 103 Bromobenzene | 156 | 10.246 | 10.245 | 0.001 | 95 | 3038 | 1.00 | 1.01 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 98 | 3552 | 1.00 | 1.03 | |
| 105 N-Propylbenzene | 91 | 10.289 | 10.288 | 0.001 | 98 | 16974 | 1.00 | 0.9475 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 94 | 981 | 1.00 | 1.11 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 81 | 1148 | 1.00 | 1.03 | |
| 108 4-Ethyltoluene | 105 | 10.375 | 10.374 | 0.000 | 97 | 13807 | 1.00 | 0.9661 | |
| 109 2-Chlorotoluene | 91 | 10.382 | 10.382 | 0.000 | 95 | 11800 | 1.00 | 0.9857 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.425 | 10.425 | 0.000 | 93 | 11524 | 1.00 | 0.9549 | |
| 111 4-Chlorotoluene | 91 | 10.468 | 10.468 | 0.000 | 98 | 11037 | 1.00 | 0.9752 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 90 | 4262 | 1.00 | 0.99 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 91 | 8943 | 1.00 | 0.9096 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 99 | 11826 | 1.00 | 0.9780 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 99 | 13869 | 1.00 | 0.8870 | |
| 116 4-Isopropyltoluene | 119 | 10.926 | 10.926 | 0.000 | 97 | 11734 | 1.00 | 0.9256 | |
| 117 1,3-Dichlorobenzene | 146 | 10.940 | 10.940 | 0.000 | 92 | 6058 | 1.00 | 1.00 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.998 | 10.998 | 0.000 | 99 | 185613 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 92 | 6411 | 1.00 | 1.03 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.026 | 11.026 | 0.000 | 98 | 12642 | 1.00 | 1.00 | a |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 1325 | 1.00 | 1.02 | |
| 122 2,3-Dihydroindene | 117 | 11.177 | 11.170 | 0.007 | 94 | 12702 | 1.00 | 0.9306 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 90 | 8148 | 1.00 | 0.9377 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 98 | 7387 | 1.00 | 0.9434 | |
| 125 1,2-Dichlorobenzene | 146 | 11.291 | 11.284 | 0.007 | 93 | 5583 | 1.00 | 0.9690 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.807 | 11.807 | 0.000 | 96 | 11728 | 1.00 | 1.02 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.915 | 11.914 | 0.001 | 90 | 599 | 1.00 | 1.00 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 94 | 4109 | 1.00 | 1.01 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 92 | 3760 | 1.00 | 1.09 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 89 | 1502 | 1.00 | 0.8691 | |
| 131 Naphthalene | 128 | 12.910 | 12.910 | 0.000 | 99 | 11070 | 1.00 | 1.24 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.182 | 13.175 | 0.007 | 94 | 3276 | 1.00 | 1.09 | a |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 2.00 | 1.81 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 2.00 | 2.05 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 2.00 | 1.90 | |
| S 136 Total BTEX | 1 | | | | 0 | | 5.00 | 4.74 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 10.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 1.00 | Units: uL | |
| GASES Li_00624 | Amount Added: | 1.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 1.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 09-Feb-2025 13:20:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D

Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4 Operator ID:

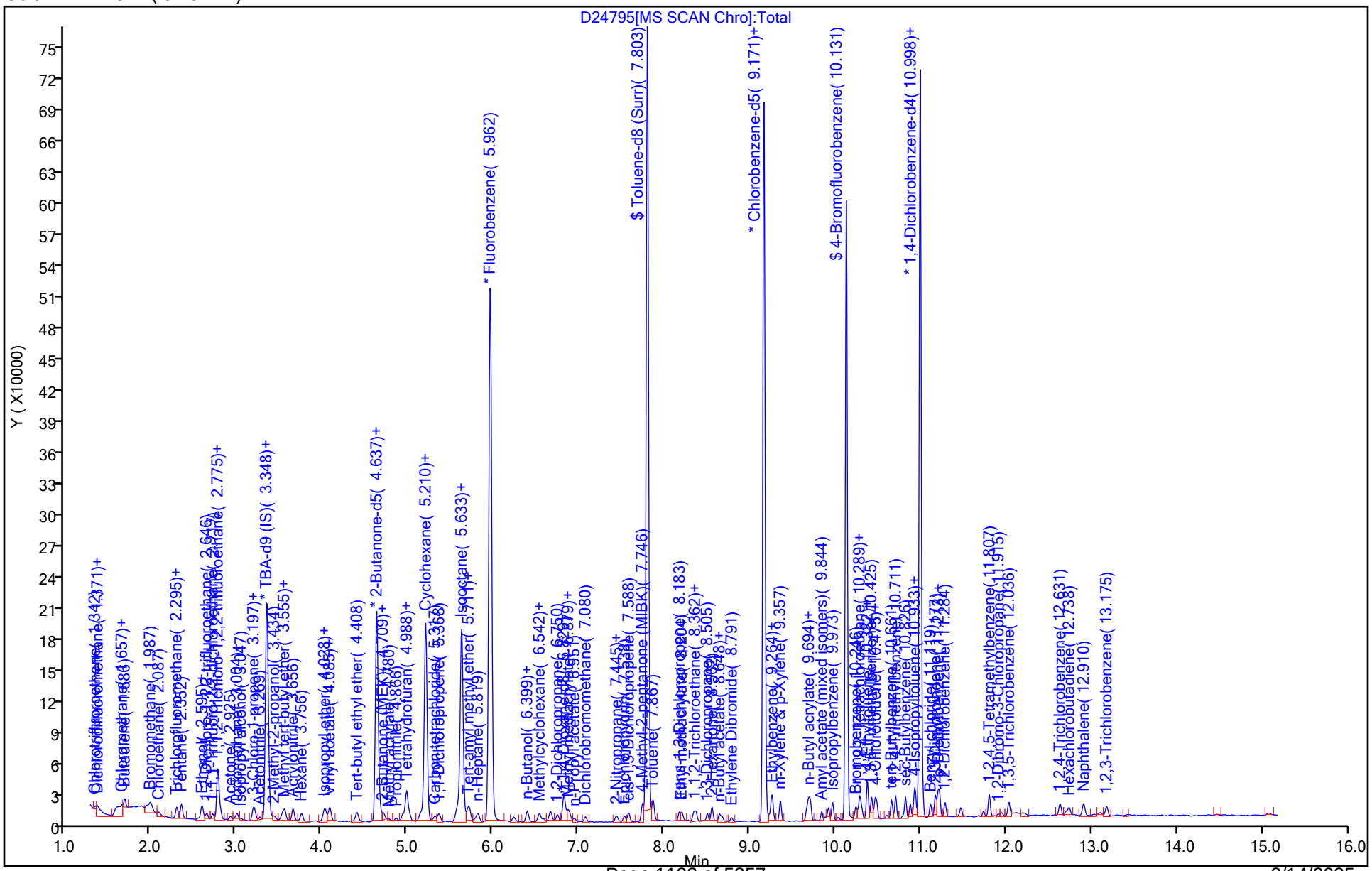
Lims ID: STD1 Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

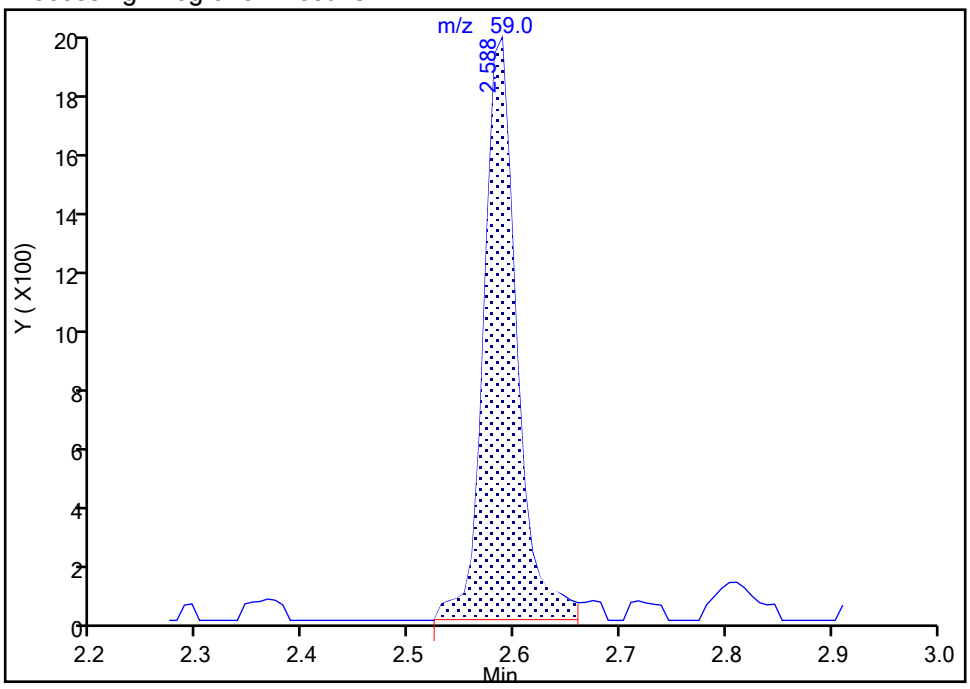
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 13 Ethyl ether, CAS: 60-29-7

Signal: 1

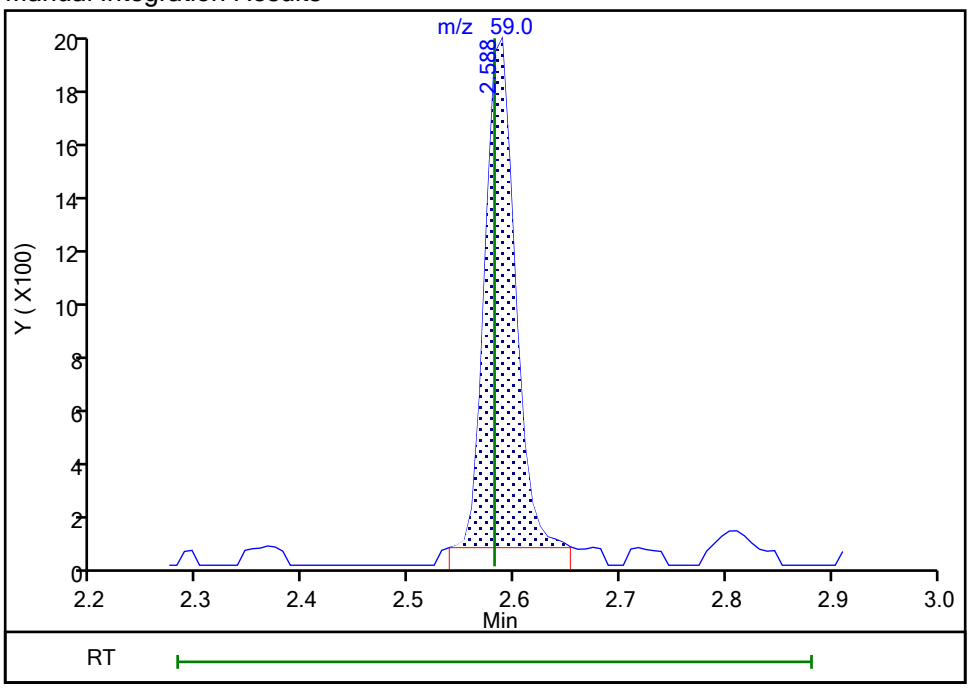
Processing Integration Results

RT: 2.59
Area: 4164
Amount: 1.517142
Amount Units: ug/l




Manual Integration Results

RT: 2.59
Area: 3626
Amount: 1.211511
Amount Units: ug/l




Reviewer: NN6A, 09-Feb-2025 13:11:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

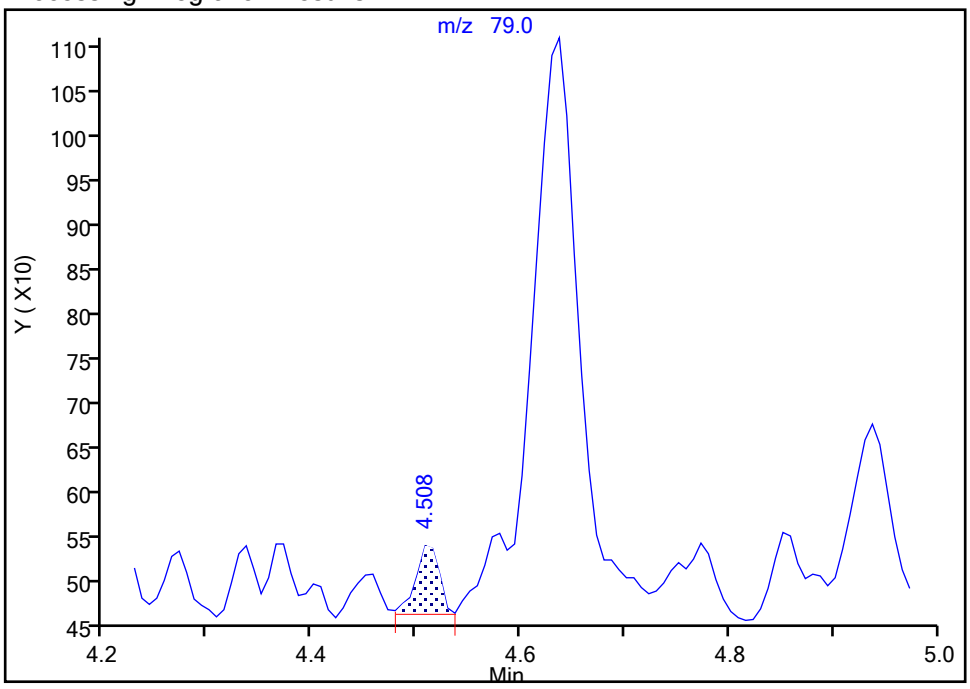
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

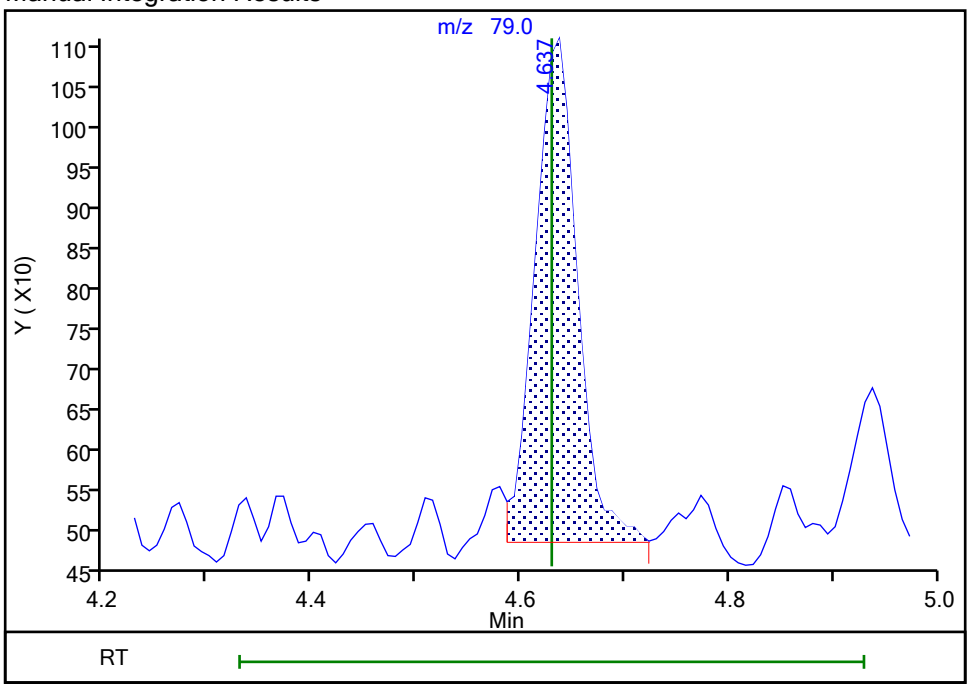
Processing Integration Results

RT: 4.51
Area: 118
Amount: 0.067066
Amount Units: ug/l




Manual Integration Results

RT: 4.64
Area: 1779
Amount: 0.990357
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 07:49:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

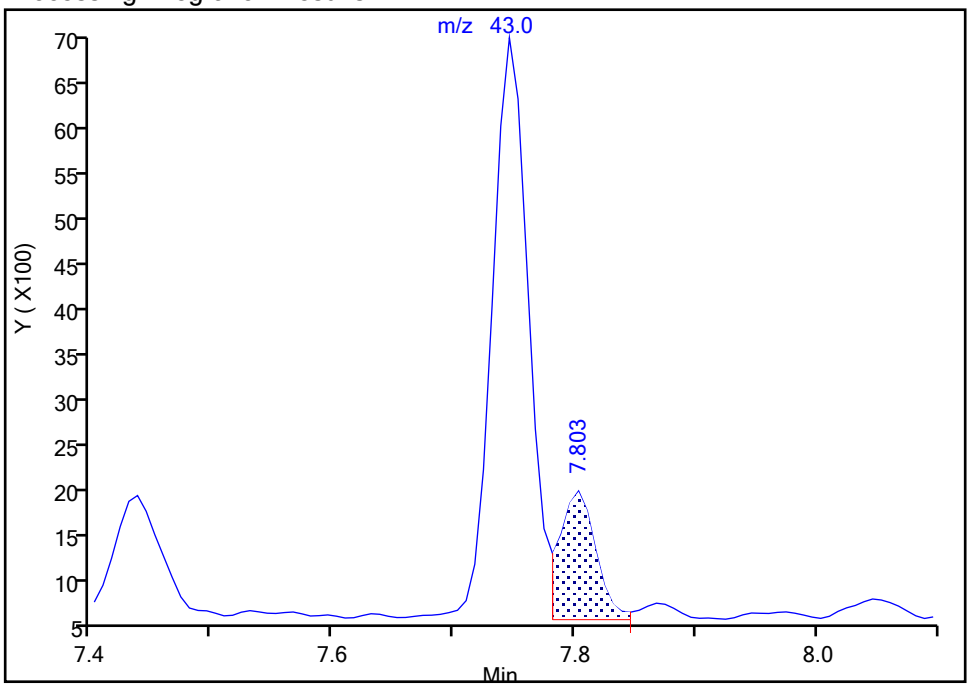
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 79 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

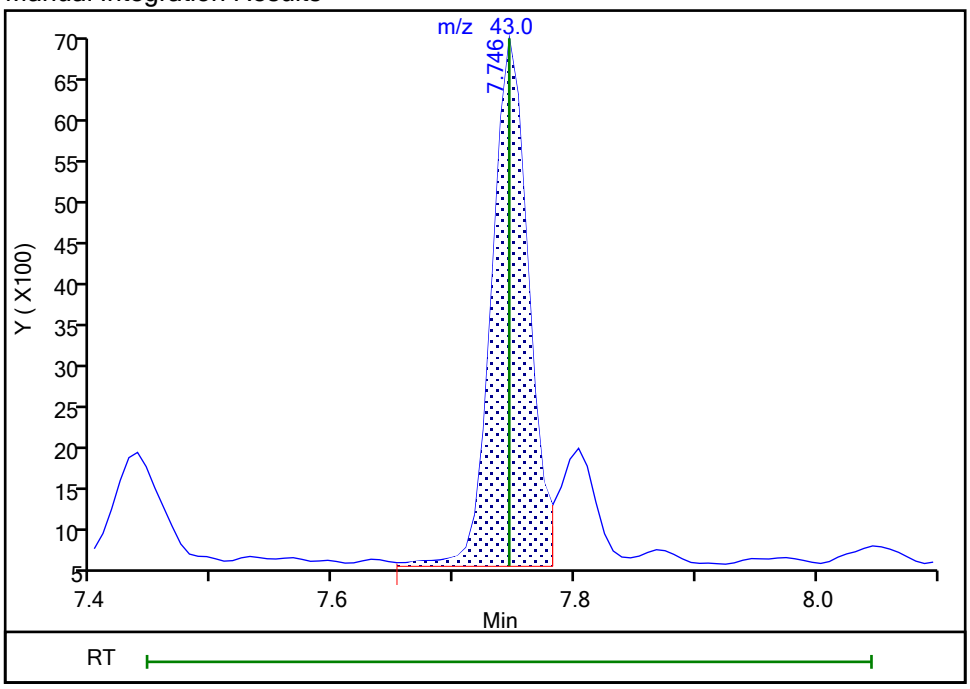
Processing Integration Results

RT: 7.80
Area: 3060
Amount: 1.096904
Amount Units: ug/l




Manual Integration Results

RT: 7.75
Area: 13663
Amount: 4.673084
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 07:50:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

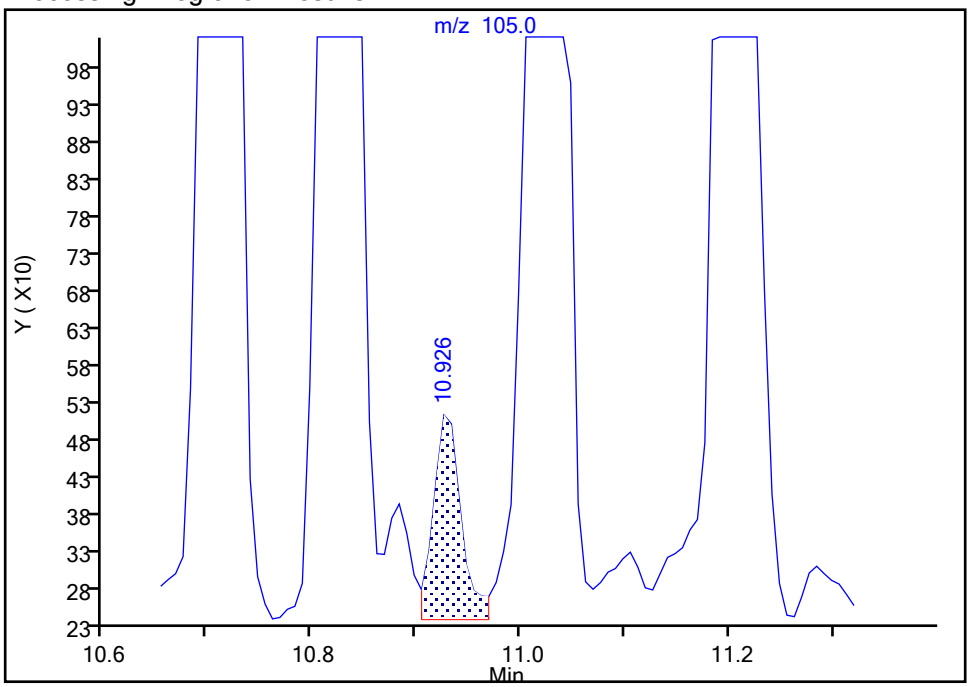
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 120 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

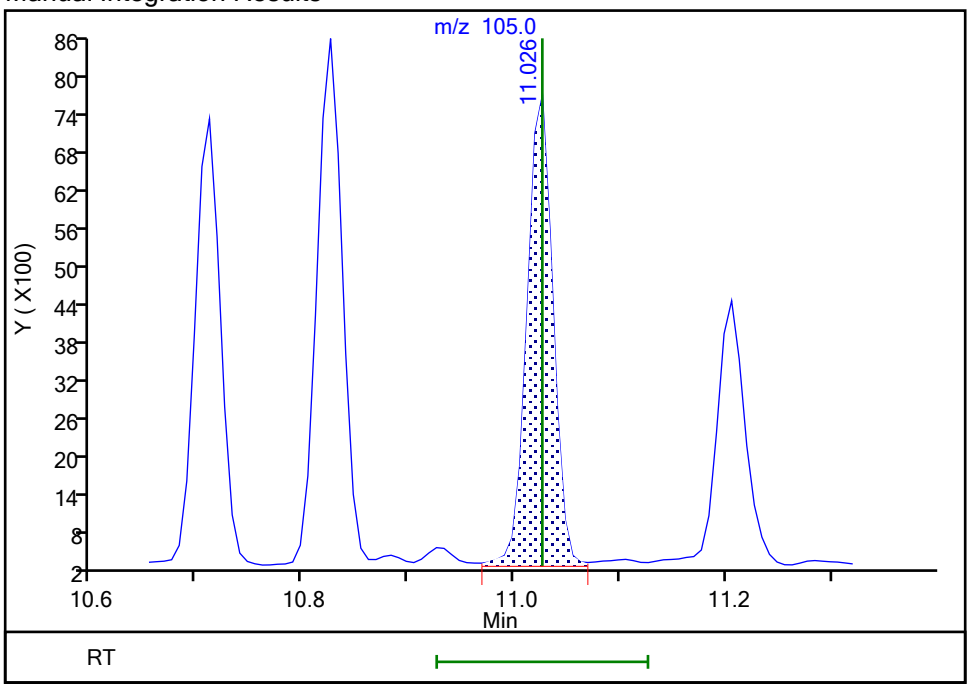
Processing Integration Results

RT: 10.93
Area: 519
Amount: 0.037810
Amount Units: ug/l




Manual Integration Results

RT: 11.03
Area: 12642
Amount: 1.003483
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 07:50:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

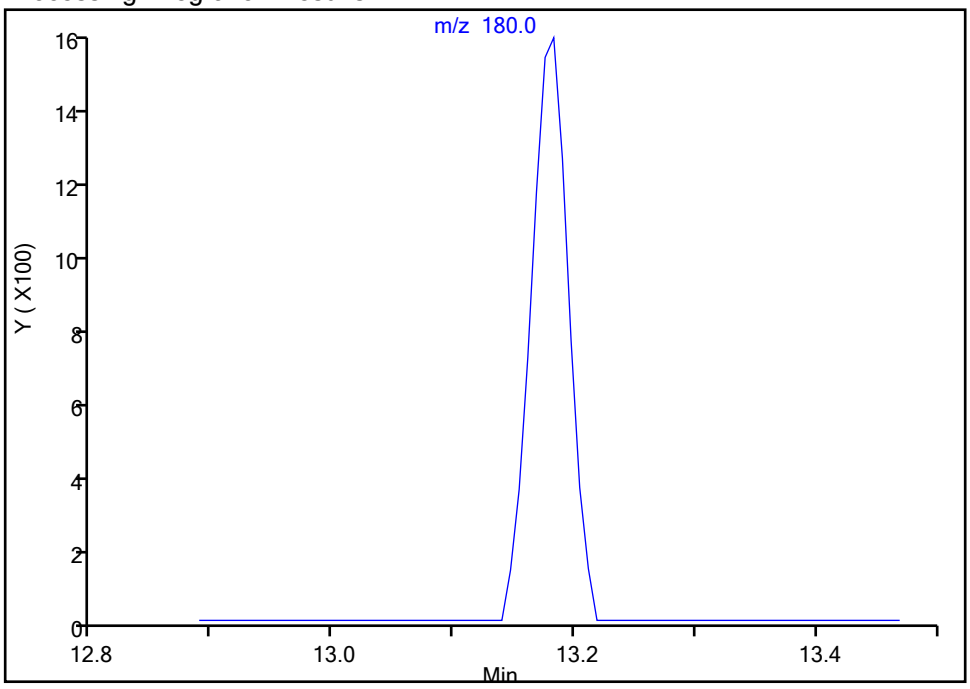
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24795.D
Injection Date: 07-Feb-2025 05:24:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 132 1,2,3-Trichlorobenzene, CAS: 87-61-6

Signal: 1

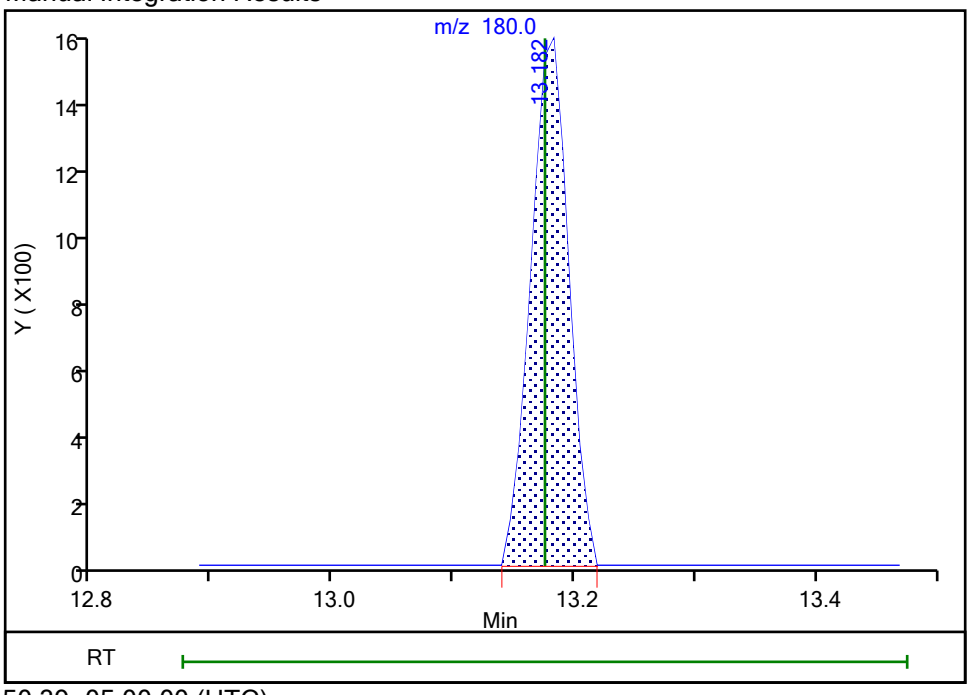
Not Detected
Expected RT: 13.18

Processing Integration Results




Manual Integration Results

RT: 13.18
Area: 3276
Amount: 1.087582
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 07:50:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24796.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Feb-2025 05:47:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0186631-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:20:20 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: N1JZ Date: 07-Feb-2025 07:51:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 88 | 6452 | 5.00 | 4.87 | |
| 2 Dichlorodifluoromethane | 85 | 1.370 | 1.370 | 0.000 | 99 | 28997 | 5.00 | 4.87 | |
| 3 Chlorodifluoromethane | 51 | 1.399 | 1.399 | 0.000 | 97 | 43118 | 5.00 | 5.45 | |
| 4 Chloromethane | 50 | 1.564 | 1.571 | -0.007 | 99 | 30201 | 5.00 | 5.38 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 23254 | 5.00 | 5.17 | |
| 6 Butadiene | 54 | 1.693 | 1.686 | 0.007 | 98 | 23019 | 5.00 | 5.13 | |
| 7 Bromomethane | 94 | 1.979 | 1.979 | 0.000 | 99 | 14411 | 5.00 | 13.1 | M |
| 8 Chloroethane | 64 | 2.087 | 2.080 | 0.007 | 100 | 15482 | 5.00 | 5.48 | |
| 9 Trichlorofluoromethane | 101 | 2.294 | 2.294 | 0.000 | 97 | 25679 | 5.00 | 5.22 | |
| 10 Dichlorofluoromethane | 67 | 2.294 | 2.294 | 0.000 | 98 | 41949 | 5.00 | 5.67 | |
| 11 Pentane | 72 | 2.352 | 2.345 | 0.007 | 97 | 7466 | 10.0 | 10.0 | |
| 12 Ethanol | 46 | 2.545 | 2.552 | -0.007 | 97 | 4620 | 200.0 | 233.3 | |
| 13 Ethyl ether | 59 | 2.588 | 2.581 | 0.007 | 93 | 17852 | 5.00 | 5.96 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.595 | 2.595 | 0.000 | 97 | 17603 | 5.00 | 5.09 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.645 | 2.645 | 0.000 | 89 | 13864 | 5.00 | 5.11 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 97 | 27524 | 5.00 | 5.23 | |
| 18 Acrolein | 56 | 2.774 | 2.774 | 0.000 | 96 | 80827 | 200.0 | 196.2 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.774 | 2.774 | 0.000 | 39 | 16531 | 5.00 | 4.90 | |
| 19 1,1-Dichloroethene | 96 | 2.810 | 2.803 | 0.007 | 96 | 17887 | 5.00 | 5.23 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 87 | 24735 | 25.0 | 29.9 | |
| 21 Iodomethane | 142 | 2.975 | 2.968 | 0.007 | 99 | 17574 | 5.00 | 4.60 | |
| 22 Carbon disulfide | 76 | 3.004 | 3.004 | 0.000 | 100 | 68396 | 5.00 | 5.21 | |
| 23 Isopropyl alcohol | 45 | 3.047 | 3.047 | 0.000 | 98 | 13423 | 50.0 | 58.7 | |
| 24 3-Chloro-1-propene | 76 | 3.190 | 3.183 | 0.007 | 92 | 12745 | 5.00 | 5.64 | |
| 25 Cyclopentene | 67 | 3.204 | 3.204 | 0.000 | 95 | 39905 | 5.00 | 4.48 | |
| 26 Methyl acetate | 43 | 3.218 | 3.211 | 0.007 | 100 | 23786 | 10.0 | 11.7 | |
| 27 Acetonitrile | 40 | 3.269 | 3.269 | 0.000 | 99 | 11059 | 50.0 | 58.3 | |
| 28 Methylene Chloride | 84 | 3.340 | 3.340 | 0.000 | 93 | 23174 | 5.00 | 5.60 | |
| * 29 TBA-d9 (IS) | 65 | 3.355 | 3.355 | 0.000 | 0 | 299703 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.433 | 3.433 | 0.000 | 99 | 21166 | 50.0 | 57.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 98 | 54178 | 5.00 | 5.84 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.562 | 3.562 | 0.000 | 98 | 20501 | 5.00 | 5.44 | |
| 33 Acrylonitrile | 53 | 3.655 | 3.655 | 0.000 | 95 | 59448 | 50.0 | 57.4 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 93 | 30696 | 5.00 | 4.88 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 96 | 64467 | 5.00 | 5.65 | |
| 36 1,1-Dichloroethane | 63 | 4.042 | 4.035 | 0.007 | 99 | 38186 | 5.00 | 5.51 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 7722 | 10.0 | 11.7 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.092 | 4.092 | 0.000 | 92 | 17893 | 5.00 | 5.32 | |
| 39 Tert-butyl ethyl ether | 59 | 4.400 | 4.400 | 0.000 | 90 | 62984 | 5.00 | 5.77 | |
| 40 2,2-Dichloropropane | 79 | 4.630 | 4.630 | 0.000 | 91 | 9740 | 5.00 | 5.42 | |
| * 41 2-Butanone-d5 | 46 | 4.637 | 4.637 | 0.000 | 85 | 289140 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.673 | 4.665 | 0.008 | 96 | 21586 | 5.00 | 5.45 | |
| 43 2-Butanone (MEK) | 72 | 4.701 | 4.701 | 0.000 | 99 | 10412 | 25.0 | 28.6 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 98 | 3666 | 10.0 | 10.7 | |
| 45 Methyl acrylate | 55 | 4.780 | 4.780 | 0.000 | 100 | 14455 | 5.00 | 5.70 | |
| 46 Propionitrile | 54 | 4.859 | 4.859 | 0.000 | 99 | 22541 | 50.0 | 55.5 | |
| 47 Tetrahydrofuran | 72 | 4.938 | 4.938 | 0.000 | 79 | 4407 | 10.0 | 11.0 | |
| 48 Chlorobromomethane | 128 | 4.945 | 4.938 | 0.007 | 89 | 8957 | 5.00 | 5.70 | |
| 49 Methacrylonitrile | 67 | 4.988 | 4.981 | 0.007 | 92 | 69187 | 50.0 | 58.2 | |
| 50 Chloroform | 83 | 5.016 | 5.016 | 0.000 | 99 | 34033 | 5.00 | 5.51 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 93 | 25387 | 5.00 | 4.66 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 98 | 25952 | 5.00 | 5.09 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 95 | 144302 | 50.0 | 50.3 | |
| 54 Carbon tetrachloride | 117 | 5.317 | 5.310 | 0.007 | 98 | 21361 | 5.00 | 4.96 | |
| 55 1,1-Dichloropropene | 75 | 5.360 | 5.360 | 0.000 | 97 | 26822 | 5.00 | 4.92 | |
| 56 Isobutyl alcohol | 43 | 5.568 | 5.568 | 0.000 | 90 | 32840 | 125.0 | 124.4 | |
| 137 Isooctane | 57 | 5.575 | 5.575 | 0.000 | 92 | 71353 | 5.00 | 4.67 | |
| 57 Benzene | 78 | 5.604 | 5.597 | 0.007 | 96 | 78232 | 5.00 | 5.36 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.632 | 5.625 | 0.007 | 98 | 152972 | 50.0 | 51.2 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 91 | 16006 | 5.00 | 5.50 | |
| 60 Isopropyl acetate | 61 | 5.718 | 5.718 | 0.000 | 99 | 9485 | 5.00 | 5.55 | |
| 61 1,2-Dichloroethane | 62 | 5.718 | 5.718 | 0.000 | 95 | 23605 | 5.00 | 5.49 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 93 | 29727 | 5.00 | 4.57 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 598496 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.392 | 6.385 | 0.007 | 89 | 13691 | 125.0 | 133.9 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 95 | 19430 | 5.00 | 5.17 | |
| 66 Methylcyclohexane | 83 | 6.542 | 6.535 | 0.007 | 96 | 30938 | 5.00 | 4.58 | |
| 67 Ethyl acrylate | 55 | 6.585 | 6.585 | 0.000 | 99 | 24452 | 5.00 | 5.57 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 92 | 20611 | 5.00 | 5.33 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.829 | 6.829 | 0.000 | 0 | 24242 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.879 | 6.872 | 0.007 | 91 | 8793 | 10.0 | 11.2 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 76 | 4040 | 100.0 | 113.6 | |
| 72 Dibromomethane | 93 | 6.900 | 6.893 | 0.007 | 90 | 11704 | 5.00 | 5.70 | |
| 73 n-Propyl acetate | 43 | 6.943 | 6.943 | 0.000 | 98 | 23415 | 5.00 | 5.42 | |
| 74 Dichlorobromomethane | 83 | 7.079 | 7.079 | 0.000 | 99 | 24037 | 5.00 | 5.31 | |
| 75 2-Nitropropane | 41 | 7.430 | 7.430 | 0.000 | 98 | 9425 | 10.0 | 11.0 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 97 | 12045 | 5.01 | 5.87 | |
| 77 Epichlorohydrin | 57 | 7.531 | 7.531 | 0.000 | 98 | 33544 | 100.0 | 122.2 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.581 | 7.581 | 0.000 | 92 | 31849 | 5.00 | 5.32 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.745 | 7.746 | -0.001 | 97 | 78997 | 25.0 | 27.7 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 98 | 588460 | 50.0 | 49.8 | |
| 81 Toluene | 91 | 7.867 | 7.867 | 0.000 | 94 | 80590 | 5.00 | 5.34 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 96 | 27968 | 5.00 | 5.37 | |
| 83 Ethyl methacrylate | 69 | 8.211 | 8.204 | 0.007 | 91 | 23357 | 5.00 | 5.46 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 95 | 13584 | 5.00 | 5.54 | |
| 85 Tetrachloroethene | 166 | 8.376 | 8.369 | 0.007 | 93 | 15592 | 5.00 | 4.99 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 94 | 27300 | 5.00 | 5.58 | |
| 87 2-Hexanone | 43 | 8.555 | 8.555 | 0.000 | 97 | 56293 | 25.0 | 27.6 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 99 | 4418 | 5.00 | 5.21 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 98 | 16484 | 5.00 | 5.40 | |
| 90 Ethylene Dibromide | 107 | 8.784 | 8.784 | 0.000 | 98 | 15269 | 5.00 | 5.44 | |
| * 91 Chlorobenzene-d5 | 117 | 9.164 | 9.164 | 0.000 | 89 | 399427 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.192 | 9.193 | 0.000 | 94 | 48377 | 5.00 | 5.40 | |
| 93 Ethylbenzene | 106 | 9.257 | 9.257 | 0.000 | 99 | 26248 | 5.00 | 5.21 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 96 | 15128 | 5.00 | 5.23 | |
| 95 m-Xylene & p-Xylene | 106 | 9.357 | 9.357 | 0.000 | 0 | 32943 | 5.00 | 5.17 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 14357 | 5.00 | 5.56 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 93 | 31232 | 5.00 | 5.32 | |
| 98 Styrene | 104 | 9.715 | 9.708 | 0.007 | 94 | 52724 | 5.00 | 5.25 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 30099 | 5.00 | 6.00 | |
| 100 Bromoform | 173 | 9.887 | 9.880 | 0.007 | 96 | 8790 | 5.00 | 5.08 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 96 | 73276 | 5.00 | 5.10 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 151408 | 50.0 | 52.8 | |
| 103 Bromobenzene | 156 | 10.245 | 10.245 | 0.000 | 94 | 17632 | 5.00 | 5.77 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 98 | 20426 | 5.00 | 5.83 | |
| 105 N-Propylbenzene | 91 | 10.288 | 10.288 | 0.000 | 98 | 102005 | 5.00 | 5.61 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 95 | 5214 | 5.00 | 5.81 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 83 | 6673 | 5.00 | 5.87 | |
| 108 4-Ethyltoluene | 105 | 10.374 | 10.374 | 0.000 | 98 | 82879 | 5.00 | 5.71 | |
| 109 2-Chlorotoluene | 91 | 10.381 | 10.382 | -0.001 | 96 | 68682 | 5.00 | 5.65 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.424 | 10.425 | -0.001 | 93 | 66851 | 5.00 | 5.45 | |
| 111 4-Chlorotoluene | 91 | 10.467 | 10.468 | -0.001 | 98 | 63160 | 5.00 | 5.49 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 92 | 24382 | 5.00 | 5.59 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 92 | 54211 | 5.00 | 5.43 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 98 | 68563 | 5.00 | 5.58 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 99 | 86664 | 5.00 | 5.46 | |
| 116 4-Isopropyltoluene | 119 | 10.926 | 10.926 | 0.000 | 97 | 70573 | 5.00 | 5.48 | |
| 117 1,3-Dichlorobenzene | 146 | 10.940 | 10.940 | 0.000 | 92 | 33596 | 5.00 | 5.44 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.997 | 10.998 | -0.001 | 98 | 188523 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 94 | 34970 | 5.00 | 5.55 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.026 | 11.026 | 0.000 | 99 | 70391 | 5.00 | 5.50 | |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 7652 | 5.00 | 5.79 | |
| 122 2,3-Dihydroindene | 117 | 11.177 | 11.170 | 0.007 | 94 | 71605 | 5.00 | 5.24 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 93 | 48384 | 5.00 | 5.48 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 97 | 41498 | 5.00 | 5.22 | |
| 125 1,2-Dichlorobenzene | 146 | 11.291 | 11.284 | 0.007 | 93 | 31548 | 5.00 | 5.39 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.807 | 11.807 | 0.000 | 97 | 65068 | 5.00 | 5.57 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.914 | 11.914 | 0.000 | 93 | 3428 | 5.00 | 5.62 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 95 | 22625 | 5.00 | 5.48 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 93 | 19907 | 5.00 | 5.66 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 91 | 9105 | 5.00 | 5.19 | |
| 131 Naphthalene | 128 | 12.910 | 12.910 | 0.000 | 99 | 51204 | 5.00 | 5.63 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.175 | 13.175 | 0.000 | 94 | 17384 | 5.00 | 5.68 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 10.0 | 10.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 10.0 | 10.7 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 10.0 | 10.5 | |
| S 136 Total BTEX | 1 | | | | 0 | | 25.0 | 26.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 20.00 | Units: uL | | |
| 524FREONS_00030 | Amount Added: | 5.00 | Units: uL | | |
| GASES Li_00624 | Amount Added: | 5.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 5.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 5.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 09-Feb-2025 13:20:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24796.D

Injection Date: 07-Feb-2025 05:47:30 Instrument ID: CVOAMS4 Operator ID:

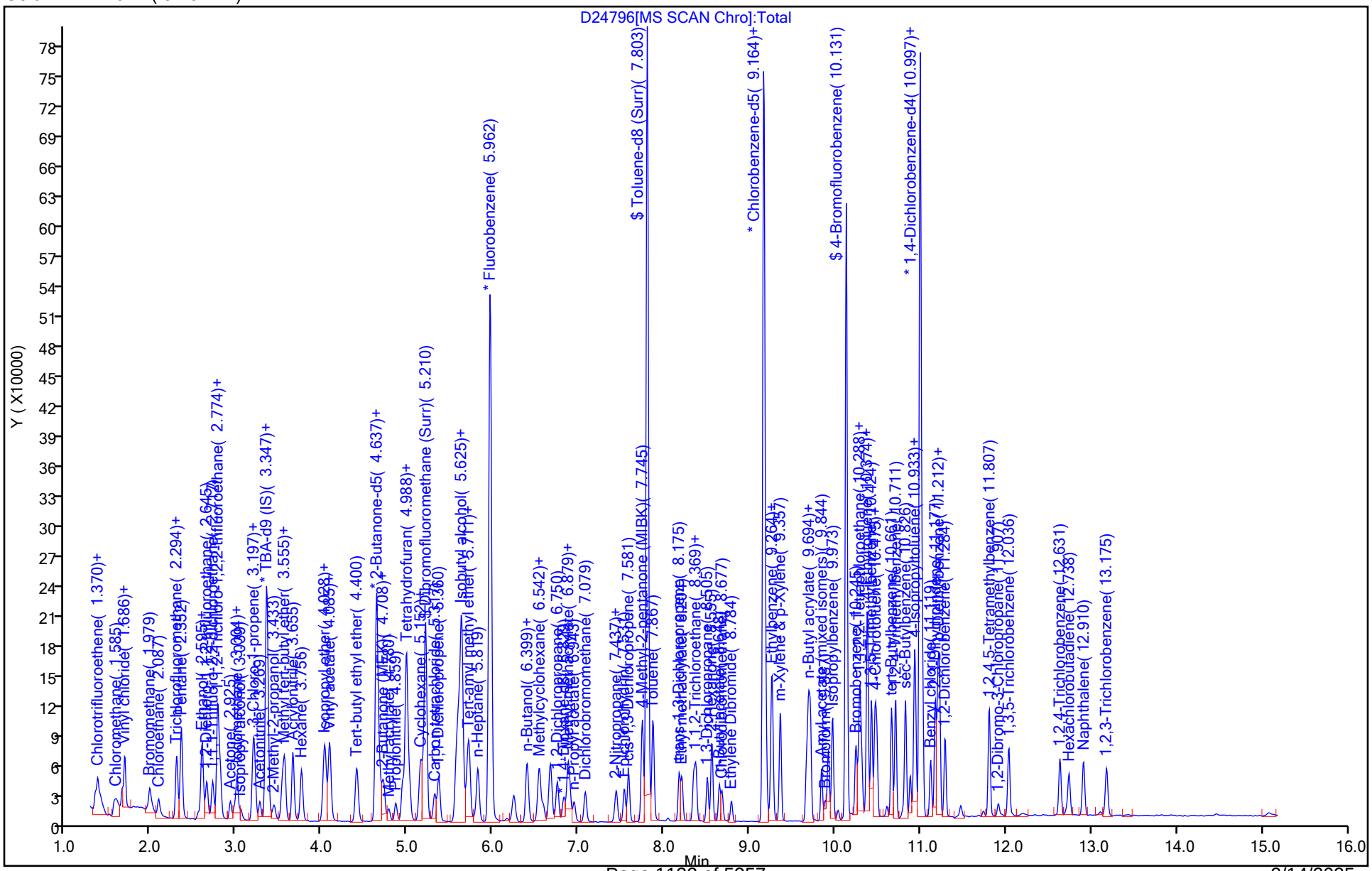
Lims ID: STD5 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

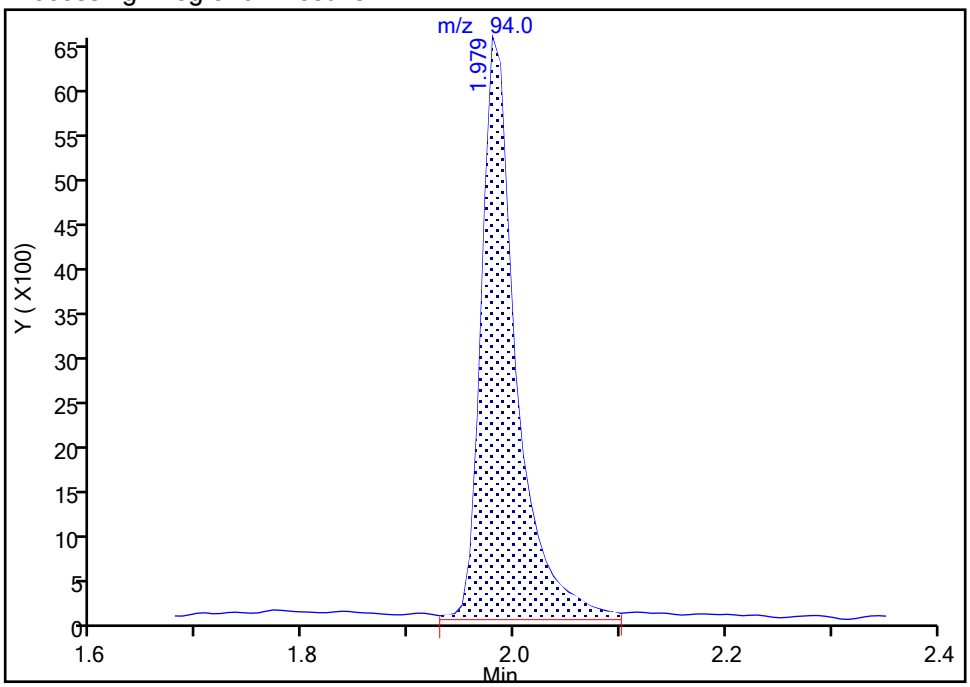
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24796.D
Injection Date: 07-Feb-2025 05:47:30 Instrument ID: CVOAMS4
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Bromomethane, CAS: 74-83-9

Signal: 1

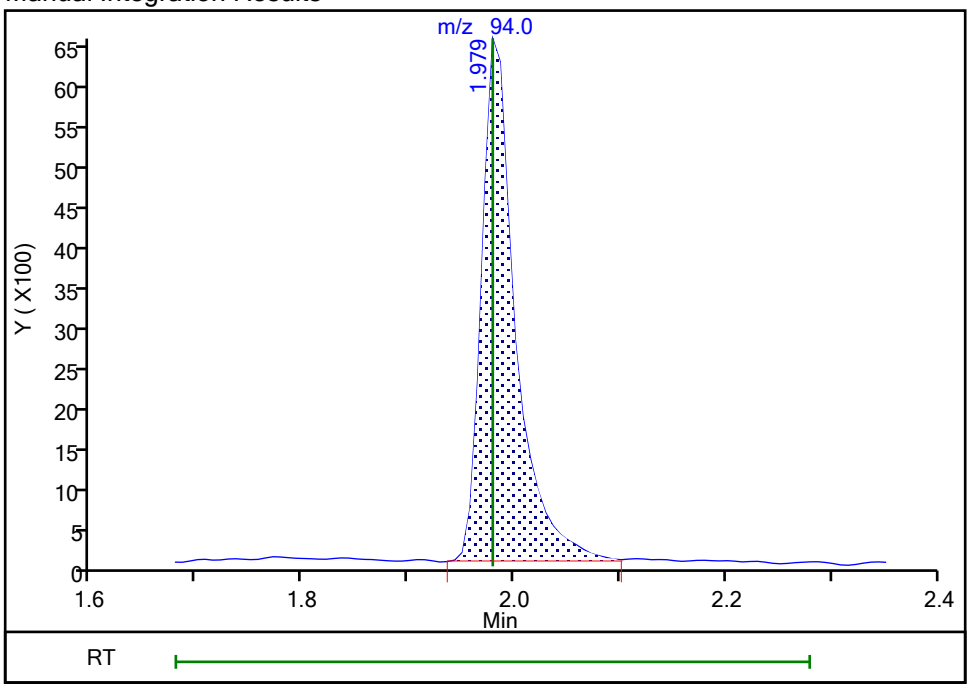
Processing Integration Results

RT: 1.98
Area: 14973
Amount: 11.552992
Amount Units: ug/l




Manual Integration Results

RT: 1.98
Area: 14411
Amount: 13.144010
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 09:46:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24797.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 07-Feb-2025 06:10:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0186631-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:20:31 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: HVW2 Date: 07-Feb-2025 06:41:19

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 89 | 30230 | 20.0 | 21.8 | |
| 2 Dichlorodifluoromethane | 85 | 1.370 | 1.370 | 0.000 | 99 | 132469 | 20.0 | 21.4 | |
| 3 Chlorodifluoromethane | 51 | 1.399 | 1.399 | 0.000 | 97 | 179751 | 20.0 | 21.9 | |
| 4 Chloromethane | 50 | 1.571 | 1.571 | 0.000 | 99 | 119842 | 20.0 | 20.5 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 99809 | 20.0 | 21.4 | |
| 6 Butadiene | 54 | 1.686 | 1.686 | 0.000 | 97 | 101641 | 20.0 | 21.8 | |
| 7 Bromomethane | 94 | 1.979 | 1.979 | 0.000 | 99 | 33356 | 20.0 | 29.7 | |
| 8 Chloroethane | 64 | 2.080 | 2.080 | 0.000 | 100 | 60998 | 20.0 | 20.8 | |
| 9 Trichlorofluoromethane | 101 | 2.294 | 2.294 | 0.000 | 99 | 113457 | 20.0 | 22.2 | |
| 10 Dichlorofluoromethane | 67 | 2.294 | 2.294 | 0.000 | 99 | 162738 | 20.0 | 21.2 | |
| 11 Pentane | 72 | 2.345 | 2.345 | 0.000 | 96 | 37188 | 40.0 | 48.1 | |
| 12 Ethanol | 46 | 2.552 | 2.552 | 0.000 | 98 | 16279 | 800.0 | 786.0 | |
| 13 Ethyl ether | 59 | 2.581 | 2.581 | 0.000 | 94 | 65527 | 20.0 | 21.1 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.595 | 2.595 | 0.000 | 97 | 88819 | 20.0 | 24.7 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.645 | 2.645 | 0.000 | 89 | 63534 | 20.0 | 22.5 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 97 | 120407 | 20.0 | 22.0 | |
| 18 Acrolein | 56 | 2.774 | 2.774 | 0.000 | 96 | 129737 | 300.0 | 303.1 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.774 | 2.774 | 0.000 | 92 | 82955 | 20.0 | 23.7 | |
| 19 1,1-Dichloroethene | 96 | 2.803 | 2.803 | 0.000 | 96 | 81846 | 20.0 | 23.0 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 87 | 81487 | 100.0 | 93.9 | |
| 21 Iodomethane | 142 | 2.968 | 2.968 | 0.000 | 99 | 85867 | 20.0 | 21.7 | |
| 22 Carbon disulfide | 76 | 3.004 | 3.004 | 0.000 | 99 | 307048 | 20.0 | 22.5 | |
| 23 Isopropyl alcohol | 45 | 3.047 | 3.047 | 0.000 | 99 | 50274 | 200.0 | 210.1 | |
| 24 3-Chloro-1-propene | 76 | 3.183 | 3.183 | 0.000 | 89 | 53195 | 20.0 | 22.7 | |
| 25 Cyclopentene | 67 | 3.204 | 3.204 | 0.000 | 94 | 197968 | 20.0 | 21.4 | |
| 26 Methyl acetate | 43 | 3.211 | 3.211 | 0.000 | 99 | 89980 | 40.0 | 42.8 | |
| 27 Acetonitrile | 40 | 3.269 | 3.269 | 0.000 | 99 | 39672 | 200.0 | 201.3 | |
| 28 Methylene Chloride | 84 | 3.340 | 3.340 | 0.000 | 94 | 85818 | 20.0 | 20.0 | |
| * 29 TBA-d9 (IS) | 65 | 3.355 | 3.355 | 0.000 | 0 | 313444 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.433 | 3.433 | 0.000 | 99 | 82317 | 200.0 | 212.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 97 | 206347 | 20.0 | 21.4 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.562 | 3.562 | 0.000 | 97 | 87507 | 20.0 | 22.4 | |
| 33 Acrylonitrile | 53 | 3.655 | 3.655 | 0.000 | 94 | 219921 | 200.0 | 202.9 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 94 | 154815 | 20.0 | 23.7 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 97 | 255333 | 20.0 | 21.5 | |
| 36 1,1-Dichloroethane | 63 | 4.035 | 4.035 | 0.000 | 99 | 158191 | 20.0 | 22.0 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 29201 | 40.0 | 42.6 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.092 | 4.092 | 0.000 | 91 | 78871 | 20.0 | 22.6 | |
| 39 Tert-butyl ethyl ether | 59 | 4.400 | 4.400 | 0.000 | 88 | 240466 | 20.0 | 21.2 | |
| 40 2,2-Dichloropropane | 79 | 4.630 | 4.630 | 0.000 | 95 | 40565 | 20.0 | 21.7 | |
| * 41 2-Butanone-d5 | 46 | 4.637 | 4.637 | 0.000 | 94 | 303209 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.665 | 4.665 | 0.000 | 97 | 88405 | 20.0 | 21.5 | |
| 43 2-Butanone (MEK) | 72 | 4.701 | 4.701 | 0.000 | 99 | 37136 | 100.0 | 97.3 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 98 | 14125 | 40.0 | 39.6 | |
| 45 Methyl acrylate | 55 | 4.780 | 4.780 | 0.000 | 99 | 55985 | 20.0 | 21.3 | |
| 46 Propionitrile | 54 | 4.859 | 4.859 | 0.000 | 98 | 84489 | 200.0 | 198.8 | |
| 47 Tetrahydrofuran | 72 | 4.938 | 4.938 | 0.000 | 92 | 16732 | 40.0 | 40.1 | |
| 48 Chlorobromomethane | 128 | 4.938 | 4.938 | 0.000 | 96 | 33598 | 20.0 | 20.6 | |
| 49 Methacrylonitrile | 67 | 4.981 | 4.981 | 0.000 | 93 | 262286 | 200.0 | 212.3 | |
| 50 Chloroform | 83 | 5.016 | 5.016 | 0.000 | 98 | 138496 | 20.0 | 21.6 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 92 | 130594 | 20.0 | 23.1 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 98 | 115487 | 20.0 | 21.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 96 | 149160 | 50.0 | 50.1 | |
| 54 Carbon tetrachloride | 117 | 5.310 | 5.310 | 0.000 | 98 | 97226 | 20.0 | 21.7 | |
| 55 1,1-Dichloropropene | 75 | 5.360 | 5.360 | 0.000 | 97 | 122535 | 20.0 | 21.6 | |
| 56 Isobutyl alcohol | 43 | 5.568 | 5.568 | 0.000 | 91 | 151812 | 500.0 | 549.9 | |
| 137 Isooctane | 57 | 5.575 | 5.575 | 0.000 | 94 | 372574 | 20.0 | 23.5 | |
| 57 Benzene | 78 | 5.597 | 5.597 | 0.000 | 97 | 327513 | 20.0 | 21.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.625 | 5.625 | 0.000 | 98 | 159526 | 50.0 | 51.4 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 93 | 62686 | 20.0 | 20.7 | |
| 60 Isopropyl acetate | 61 | 5.718 | 5.718 | 0.000 | 99 | 36449 | 20.0 | 20.5 | |
| 61 1,2-Dichloroethane | 62 | 5.718 | 5.718 | 0.000 | 98 | 93093 | 20.0 | 20.8 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 93 | 156089 | 20.0 | 23.1 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 621850 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.385 | 6.385 | 0.000 | 87 | 59270 | 500.0 | 554.1 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 96 | 82952 | 20.0 | 21.3 | |
| 66 Methylcyclohexane | 83 | 6.535 | 6.535 | 0.000 | 95 | 158285 | 20.0 | 22.5 | |
| 67 Ethyl acrylate | 55 | 6.585 | 6.585 | 0.000 | 99 | 92502 | 20.0 | 20.3 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 92 | 83614 | 20.0 | 20.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.829 | 6.829 | 0.000 | 0 | 26462 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.872 | 6.872 | 0.000 | 90 | 33997 | 40.0 | 41.6 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 90 | 15118 | 400.0 | 389.5 | |
| 72 Dibromomethane | 93 | 6.893 | 6.893 | 0.000 | 91 | 43318 | 20.0 | 20.3 | |
| 73 n-Propyl acetate | 43 | 6.943 | 6.943 | 0.000 | 98 | 92156 | 20.0 | 20.5 | |
| 74 Dichlorobromomethane | 83 | 7.079 | 7.079 | 0.000 | 99 | 97765 | 20.0 | 20.8 | |
| 75 2-Nitropropane | 41 | 7.430 | 7.430 | 0.000 | 97 | 34756 | 40.0 | 38.9 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 96 | 44887 | 20.0 | 21.0 | |
| 77 Epichlorohydrin | 57 | 7.531 | 7.531 | 0.000 | 99 | 124106 | 400.0 | 432.3 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.581 | 7.581 | 0.000 | 92 | 130984 | 20.0 | 21.0 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.746 | 7.746 | 0.000 | 96 | 303122 | 100.0 | 101.4 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 99 | 607110 | 50.0 | 49.4 | |
| 81 Toluene | 91 | 7.867 | 7.867 | 0.000 | 93 | 332602 | 20.0 | 21.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 98 | 110291 | 20.0 | 20.4 | |
| 83 Ethyl methacrylate | 69 | 8.204 | 8.204 | 0.000 | 90 | 91005 | 20.0 | 20.5 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 96 | 53638 | 20.0 | 21.0 | |
| 85 Tetrachloroethene | 166 | 8.369 | 8.369 | 0.000 | 93 | 69140 | 20.0 | 21.2 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 94 | 104863 | 20.0 | 20.6 | |
| 87 2-Hexanone | 43 | 8.555 | 8.555 | 0.000 | 96 | 211705 | 100.0 | 99.1 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 99 | 17514 | 20.0 | 19.9 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 98 | 64950 | 20.0 | 20.5 | |
| 90 Ethylene Dibromide | 107 | 8.784 | 8.784 | 0.000 | 98 | 59441 | 20.0 | 20.3 | |
| * 91 Chlorobenzene-d5 | 117 | 9.164 | 9.164 | 0.000 | 89 | 415649 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.193 | 9.193 | 0.000 | 93 | 196517 | 20.0 | 21.1 | |
| 93 Ethylbenzene | 106 | 9.257 | 9.257 | 0.000 | 99 | 111116 | 20.0 | 21.2 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 96 | 63252 | 20.0 | 21.0 | |
| 95 m-Xylene & p-Xylene | 106 | 9.357 | 9.357 | 0.000 | 0 | 136735 | 20.0 | 20.6 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 54607 | 20.0 | 20.3 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 93 | 129824 | 20.0 | 21.2 | |
| 98 Styrene | 104 | 9.708 | 9.708 | 0.000 | 94 | 217561 | 20.0 | 20.8 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 115982 | 20.0 | 21.7 | |
| 100 Bromoform | 173 | 9.880 | 9.880 | 0.000 | 95 | 36279 | 20.0 | 20.2 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 96 | 320027 | 20.0 | 21.4 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 156871 | 50.0 | 51.3 | |
| 103 Bromobenzene | 156 | 10.245 | 10.245 | 0.000 | 95 | 69777 | 20.0 | 21.4 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 99 | 80148 | 20.0 | 21.5 | |
| 105 N-Propylbenzene | 91 | 10.288 | 10.288 | 0.000 | 98 | 437287 | 20.0 | 22.6 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 93 | 20014 | 20.0 | 20.9 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 88 | 25852 | 20.0 | 21.3 | |
| 108 4-Ethyltoluene | 105 | 10.374 | 10.374 | 0.000 | 98 | 353238 | 20.0 | 22.8 | |
| 109 2-Chlorotoluene | 91 | 10.382 | 10.382 | 0.000 | 96 | 288212 | 20.0 | 22.3 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.425 | 10.425 | 0.000 | 95 | 285008 | 20.0 | 21.8 | |
| 111 4-Chlorotoluene | 91 | 10.468 | 10.468 | 0.000 | 98 | 265402 | 20.0 | 21.7 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 93 | 99509 | 20.0 | 21.4 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 92 | 238076 | 20.0 | 22.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 98 | 285307 | 20.0 | 21.8 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 99 | 386544 | 20.0 | 22.9 | |
| 116 4-Isopropyltoluene | 119 | 10.926 | 10.926 | 0.000 | 97 | 310332 | 20.0 | 22.6 | |
| 117 1,3-Dichlorobenzene | 146 | 10.940 | 10.940 | 0.000 | 93 | 141012 | 20.0 | 21.4 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.998 | 10.998 | 0.000 | 98 | 200783 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 92 | 143332 | 20.0 | 21.4 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.026 | 11.026 | 0.000 | 99 | 297922 | 20.0 | 21.9 | |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 29561 | 20.0 | 21.0 | |
| 122 2,3-Dihydroindene | 117 | 11.170 | 11.170 | 0.000 | 94 | 292977 | 20.0 | 20.7 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 92 | 205491 | 20.0 | 21.9 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 97 | 186740 | 20.0 | 22.0 | |
| 125 1,2-Dichlorobenzene | 146 | 11.284 | 11.284 | 0.000 | 93 | 129844 | 20.0 | 20.8 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.807 | 11.807 | 0.000 | 96 | 269280 | 20.0 | 21.6 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.914 | 11.914 | 0.000 | 95 | 13824 | 20.0 | 21.3 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 96 | 92294 | 20.0 | 21.0 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 93 | 77199 | 20.0 | 20.6 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 92 | 41817 | 20.0 | 22.4 | |
| 131 Naphthalene | 128 | 12.910 | 12.910 | 0.000 | 99 | 198271 | 20.0 | 20.5 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.175 | 13.175 | 0.000 | 94 | 68332 | 20.0 | 21.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 43.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 41.4 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.8 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 105.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| GASES Li_00624 | Amount Added: | 2.00 | Units: uL | | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

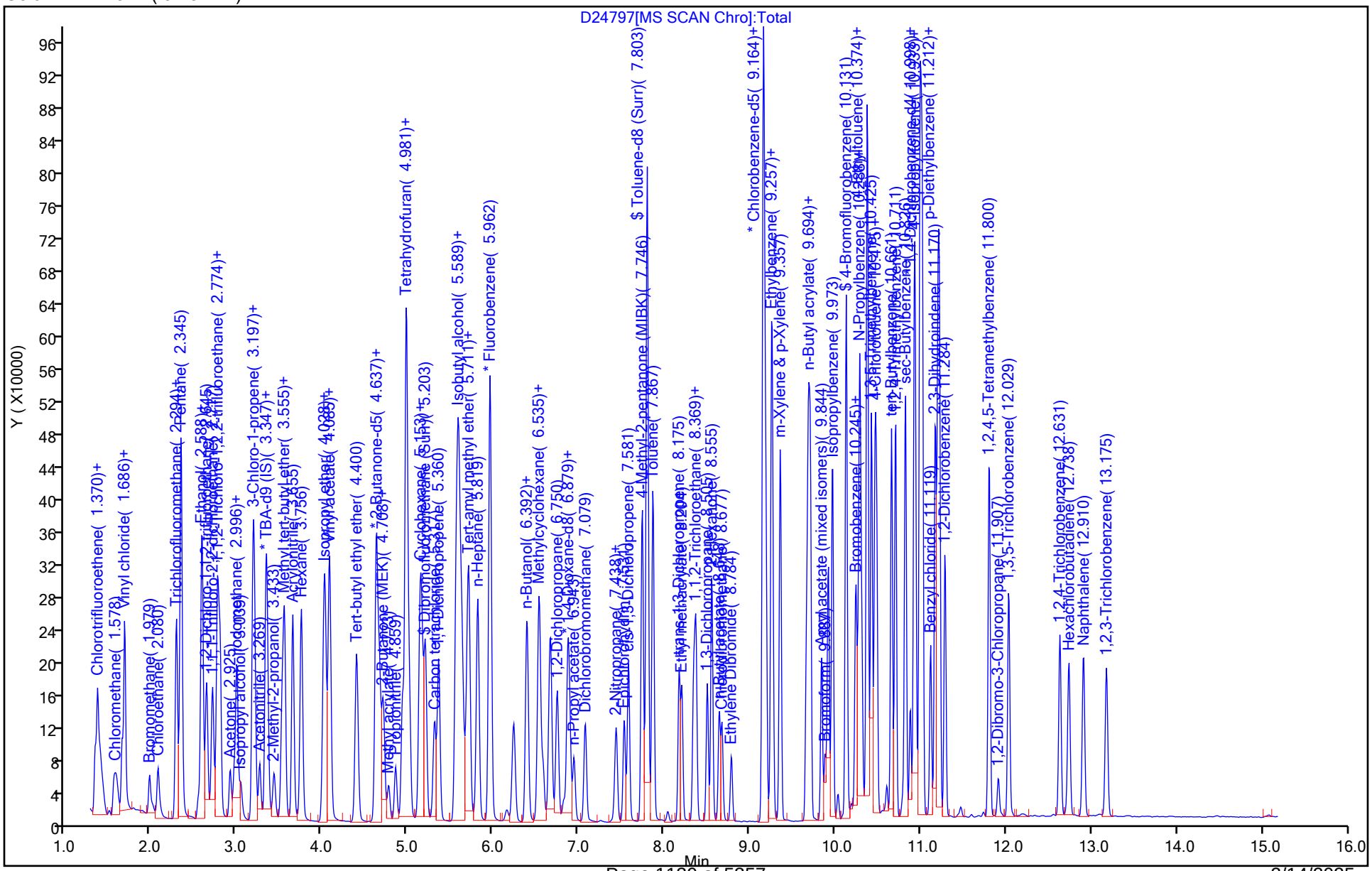
Report Date: 09-Feb-2025 13:20:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24797.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:10:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD20 | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24798.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Feb-2025 06:33:30 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0186631-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:20:41 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: PUV6 Date: 07-Feb-2025 07:25:34

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 89 | 75252 | 50.0 | 54.6 | |
| 2 Dichlorodifluoromethane | 85 | 1.370 | 1.370 | 0.000 | 99 | 317881 | 50.0 | 50.3 | |
| 3 Chlorodifluoromethane | 51 | 1.406 | 1.406 | 0.000 | 97 | 451342 | 50.0 | 53.7 | |
| 4 Chloromethane | 50 | 1.585 | 1.585 | 0.000 | 99 | 291004 | 50.0 | 48.8 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 240465 | 50.0 | 50.4 | |
| 6 Butadiene | 54 | 1.686 | 1.686 | 0.000 | 98 | 243087 | 50.0 | 51.0 | |
| 7 Bromomethane | 94 | 1.972 | 1.972 | 0.000 | 98 | 37151 | 50.0 | 32.4 | M |
| 8 Chloroethane | 64 | 2.072 | 2.072 | 0.000 | 100 | 143452 | 50.0 | 47.7 | |
| 9 Trichlorofluoromethane | 101 | 2.287 | 2.287 | 0.000 | 98 | 266444 | 50.0 | 50.9 | |
| 10 Dichlorofluoromethane | 67 | 2.295 | 2.295 | 0.000 | 99 | 384878 | 50.0 | 48.9 | |
| 11 Pentane | 72 | 2.345 | 2.345 | 0.000 | 96 | 86975 | 100.0 | 110.1 | |
| 12 Ethanol | 46 | 2.560 | 2.560 | 0.000 | 97 | 34281 | 2000.0 | 1699.6 | |
| 13 Ethyl ether | 59 | 2.581 | 2.581 | 0.000 | 95 | 149042 | 50.0 | 46.9 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.595 | 2.595 | 0.000 | 97 | 202378 | 50.0 | 55.0 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.646 | 2.646 | 0.000 | 90 | 154119 | 50.0 | 53.4 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 96 | 298852 | 50.0 | 53.5 | |
| 18 Acrolein | 56 | 2.774 | 2.774 | 0.000 | 97 | 167456 | 400.0 | 382.5 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.774 | 2.774 | 0.000 | 92 | 197924 | 50.0 | 55.2 | |
| 19 1,1-Dichloroethene | 96 | 2.803 | 2.803 | 0.000 | 96 | 187936 | 50.0 | 51.7 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 87 | 196240 | 250.0 | 227.6 | |
| 21 Iodomethane | 142 | 2.968 | 2.968 | 0.000 | 99 | 225001 | 50.0 | 55.5 | |
| 22 Carbon disulfide | 76 | 2.997 | 2.997 | 0.000 | 99 | 728563 | 50.0 | 52.2 | |
| 23 Isopropyl alcohol | 45 | 3.054 | 3.054 | 0.000 | 99 | 104806 | 500.0 | 449.8 | |
| 24 3-Chloro-1-propene | 76 | 3.183 | 3.183 | 0.000 | 88 | 119980 | 50.0 | 50.0 | |
| 25 Cyclopentene | 67 | 3.197 | 3.197 | 0.000 | 94 | 467034 | 50.0 | 49.3 | |
| 26 Methyl acetate | 43 | 3.211 | 3.211 | 0.000 | 99 | 210009 | 100.0 | 97.6 | |
| 27 Acetonitrile | 40 | 3.269 | 3.269 | 0.000 | 99 | 94459 | 500.0 | 468.7 | |
| 28 Methylene Chloride | 84 | 3.340 | 3.340 | 0.000 | 94 | 199309 | 50.0 | 45.3 | |
| * 29 TBA-d9 (IS) | 65 | 3.355 | 3.355 | 0.000 | 0 | 305239 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.441 | 3.441 | 0.000 | 99 | 173524 | 500.0 | 459.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 97 | 481319 | 50.0 | 48.8 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.555 | 3.555 | 0.000 | 97 | 202715 | 50.0 | 50.6 | |
| 33 Acrylonitrile | 53 | 3.656 | 3.656 | 0.000 | 94 | 514609 | 500.0 | 487.5 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 93 | 364272 | 50.0 | 54.5 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 97 | 601612 | 50.0 | 49.6 | |
| 36 1,1-Dichloroethane | 63 | 4.035 | 4.035 | 0.000 | 99 | 371485 | 50.0 | 50.5 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 66083 | 100.0 | 94.4 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.092 | 4.092 | 0.000 | 91 | 187444 | 50.0 | 52.5 | |
| 39 Tert-butyl ethyl ether | 59 | 4.400 | 4.400 | 0.000 | 88 | 568988 | 50.0 | 49.1 | |
| 40 2,2-Dichloropropane | 79 | 4.630 | 4.630 | 0.000 | 95 | 94634 | 50.0 | 49.6 | |
| * 41 2-Butanone-d5 | 46 | 4.637 | 4.637 | 0.000 | 94 | 301120 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.665 | 4.665 | 0.000 | 97 | 210329 | 50.0 | 50.0 | |
| 43 2-Butanone (MEK) | 72 | 4.701 | 4.701 | 0.000 | 100 | 86349 | 250.0 | 227.8 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 98 | 33584 | 100.0 | 96.6 | |
| 45 Methyl acrylate | 55 | 4.780 | 4.780 | 0.000 | 100 | 131425 | 50.0 | 48.8 | |
| 46 Propionitrile | 54 | 4.859 | 4.859 | 0.000 | 98 | 198569 | 500.0 | 479.9 | |
| 47 Tetrahydrofuran | 72 | 4.938 | 4.938 | 0.000 | 88 | 37126 | 100.0 | 91.3 | |
| 48 Chlorobromomethane | 128 | 4.938 | 4.938 | 0.000 | 96 | 79434 | 50.0 | 47.6 | |
| 49 Methacrylonitrile | 67 | 4.981 | 4.981 | 0.000 | 93 | 615761 | 500.0 | 487.2 | |
| 50 Chloroform | 83 | 5.016 | 5.016 | 0.000 | 99 | 326010 | 50.0 | 49.7 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 92 | 312498 | 50.0 | 54.0 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 98 | 279168 | 50.0 | 51.6 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 95 | 150567 | 50.0 | 49.4 | |
| 54 Carbon tetrachloride | 117 | 5.310 | 5.310 | 0.000 | 98 | 237611 | 50.0 | 51.9 | |
| 55 1,1-Dichloropropene | 75 | 5.360 | 5.360 | 0.000 | 97 | 294601 | 50.0 | 50.9 | |
| 56 Isobutyl alcohol | 43 | 5.568 | 5.568 | 0.000 | 90 | 338567 | 1250.0 | 1259.4 | |
| 137 Isooctane | 57 | 5.575 | 5.575 | 0.000 | 94 | 902880 | 50.0 | 55.6 | |
| 57 Benzene | 78 | 5.597 | 5.597 | 0.000 | 97 | 786232 | 50.0 | 50.3 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.625 | 5.625 | 0.000 | 98 | 162241 | 50.0 | 51.1 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 92 | 147986 | 50.0 | 47.9 | |
| 60 Isopropyl acetate | 61 | 5.718 | 5.718 | 0.000 | 99 | 87283 | 50.0 | 48.1 | |
| 61 1,2-Dichloroethane | 62 | 5.718 | 5.718 | 0.000 | 97 | 221214 | 50.0 | 48.4 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 93 | 377544 | 50.0 | 54.6 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 635983 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.392 | 6.392 | 0.000 | 88 | 122806 | 1250.0 | 1178.9 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 97 | 201773 | 50.0 | 50.5 | |
| 66 Methylcyclohexane | 83 | 6.535 | 6.535 | 0.000 | 96 | 384748 | 50.0 | 53.6 | |
| 67 Ethyl acrylate | 55 | 6.585 | 6.585 | 0.000 | 99 | 220806 | 50.0 | 47.3 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 92 | 200396 | 50.0 | 48.7 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.829 | 6.829 | 0.000 | 0 | 28068 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.872 | 6.872 | 0.000 | 91 | 81619 | 100.0 | 97.6 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 89 | 34295 | 1000.0 | 833.1 | |
| 72 Dibromomethane | 93 | 6.893 | 6.893 | 0.000 | 93 | 104382 | 50.0 | 47.9 | |
| 73 n-Propyl acetate | 43 | 6.943 | 6.943 | 0.000 | 98 | 220021 | 50.0 | 47.9 | |
| 74 Dichlorobromomethane | 83 | 7.079 | 7.079 | 0.000 | 99 | 237471 | 50.0 | 49.4 | |
| 75 2-Nitropropane | 41 | 7.430 | 7.430 | 0.000 | 97 | 80604 | 100.0 | 88.3 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 96 | 105261 | 50.1 | 48.3 | |
| 77 Epichlorohydrin | 57 | 7.531 | 7.531 | 0.000 | 99 | 285860 | 1000.0 | 1022.5 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.581 | 7.581 | 0.000 | 92 | 308252 | 50.0 | 48.0 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.746 | 7.746 | 0.000 | 97 | 712234 | 250.0 | 239.8 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 98 | 627558 | 50.0 | 49.6 | |
| 81 Toluene | 91 | 7.867 | 7.867 | 0.000 | 93 | 806966 | 50.0 | 49.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 97 | 264019 | 50.0 | 47.3 | |
| 83 Ethyl methacrylate | 69 | 8.204 | 8.204 | 0.000 | 89 | 217535 | 50.0 | 47.9 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 97 | 129047 | 50.0 | 49.1 | |
| 85 Tetrachloroethene | 166 | 8.369 | 8.369 | 0.000 | 93 | 169339 | 50.0 | 50.5 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 95 | 250634 | 50.0 | 47.8 | |
| 87 2-Hexanone | 43 | 8.555 | 8.555 | 0.000 | 96 | 499691 | 250.0 | 235.6 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 99 | 41597 | 50.0 | 45.8 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 98 | 156326 | 50.0 | 47.8 | |
| 90 Ethylene Dibromide | 107 | 8.784 | 8.784 | 0.000 | 98 | 141755 | 50.0 | 47.1 | |
| * 91 Chlorobenzene-d5 | 117 | 9.164 | 9.164 | 0.000 | 90 | 428143 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.193 | 9.193 | 0.000 | 97 | 470024 | 50.0 | 49.0 | |
| 93 Ethylbenzene | 106 | 9.257 | 9.257 | 0.000 | 99 | 267940 | 50.0 | 49.6 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 97 | 153468 | 50.0 | 49.5 | |
| 95 m-Xylene & p-Xylene | 106 | 9.357 | 9.357 | 0.000 | 0 | 333620 | 50.0 | 48.8 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 130162 | 50.0 | 47.0 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 92 | 310648 | 50.0 | 49.3 | |
| 98 Styrene | 104 | 9.708 | 9.708 | 0.000 | 93 | 526534 | 50.0 | 48.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 275256 | 50.0 | 47.8 | |
| 100 Bromoform | 173 | 9.880 | 9.880 | 0.000 | 95 | 88832 | 50.0 | 47.9 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 96 | 786236 | 50.0 | 51.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 164222 | 50.0 | 49.8 | |
| 103 Bromobenzene | 156 | 10.246 | 10.246 | 0.000 | 95 | 170091 | 50.0 | 48.4 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 99 | 193771 | 50.0 | 48.1 | |
| 105 N-Propylbenzene | 91 | 10.288 | 10.288 | 0.000 | 99 | 1078932 | 50.0 | 51.6 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 93 | 48294 | 50.0 | 46.8 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 82 | 62173 | 50.0 | 47.6 | |
| 108 4-Ethyltoluene | 105 | 10.374 | 10.374 | 0.000 | 98 | 874879 | 50.0 | 52.5 | |
| 109 2-Chlorotoluene | 91 | 10.374 | 10.374 | 0.000 | 96 | 717429 | 50.0 | 51.4 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.425 | 10.425 | 0.000 | 93 | 712746 | 50.0 | 50.6 | |
| 111 4-Chlorotoluene | 91 | 10.468 | 10.468 | 0.000 | 98 | 661127 | 50.0 | 50.1 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 93 | 244296 | 50.0 | 48.7 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 92 | 589069 | 50.0 | 51.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 98 | 705228 | 50.0 | 50.0 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 99 | 952977 | 50.0 | 52.2 | |
| 116 4-Isopropyltoluene | 119 | 10.926 | 10.926 | 0.000 | 97 | 774865 | 50.0 | 52.4 | |
| 117 1,3-Dichlorobenzene | 146 | 10.940 | 10.940 | 0.000 | 95 | 353228 | 50.0 | 49.8 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.998 | 10.998 | 0.000 | 98 | 216565 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 90 | 356262 | 50.0 | 49.2 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.019 | 11.019 | 0.000 | 99 | 739008 | 50.0 | 50.3 | |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 70954 | 50.0 | 46.7 | |
| 122 2,3-Dihydroindene | 117 | 11.170 | 11.170 | 0.000 | 94 | 731692 | 50.0 | 50.4 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 92 | 517868 | 50.0 | 51.1 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 97 | 464397 | 50.0 | 50.8 | |
| 125 1,2-Dichlorobenzene | 146 | 11.284 | 11.284 | 0.000 | 93 | 328330 | 50.0 | 48.8 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.800 | 11.800 | 0.000 | 96 | 669306 | 50.0 | 49.9 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.914 | 11.914 | 0.000 | 96 | 32652 | 50.0 | 46.6 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 96 | 229893 | 50.0 | 48.5 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 94 | 191546 | 50.0 | 47.4 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 93 | 100126 | 50.0 | 49.7 | |
| 131 Naphthalene | 128 | 12.903 | 12.903 | 0.000 | 99 | 479112 | 50.0 | 45.9 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.175 | 13.175 | 0.000 | 95 | 166831 | 50.0 | 47.5 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 100.0 | 100.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 100.0 | 95.3 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 100.0 | 98.1 | |
| S 136 Total BTEX | 1 | | | | 0 | | 250.0 | 247.9 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 4.00 | Units: uL | | |
| 524FREONS_00030 | Amount Added: | 5.00 | Units: uL | | |
| GASES Li_00624 | Amount Added: | 5.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 5.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 5.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

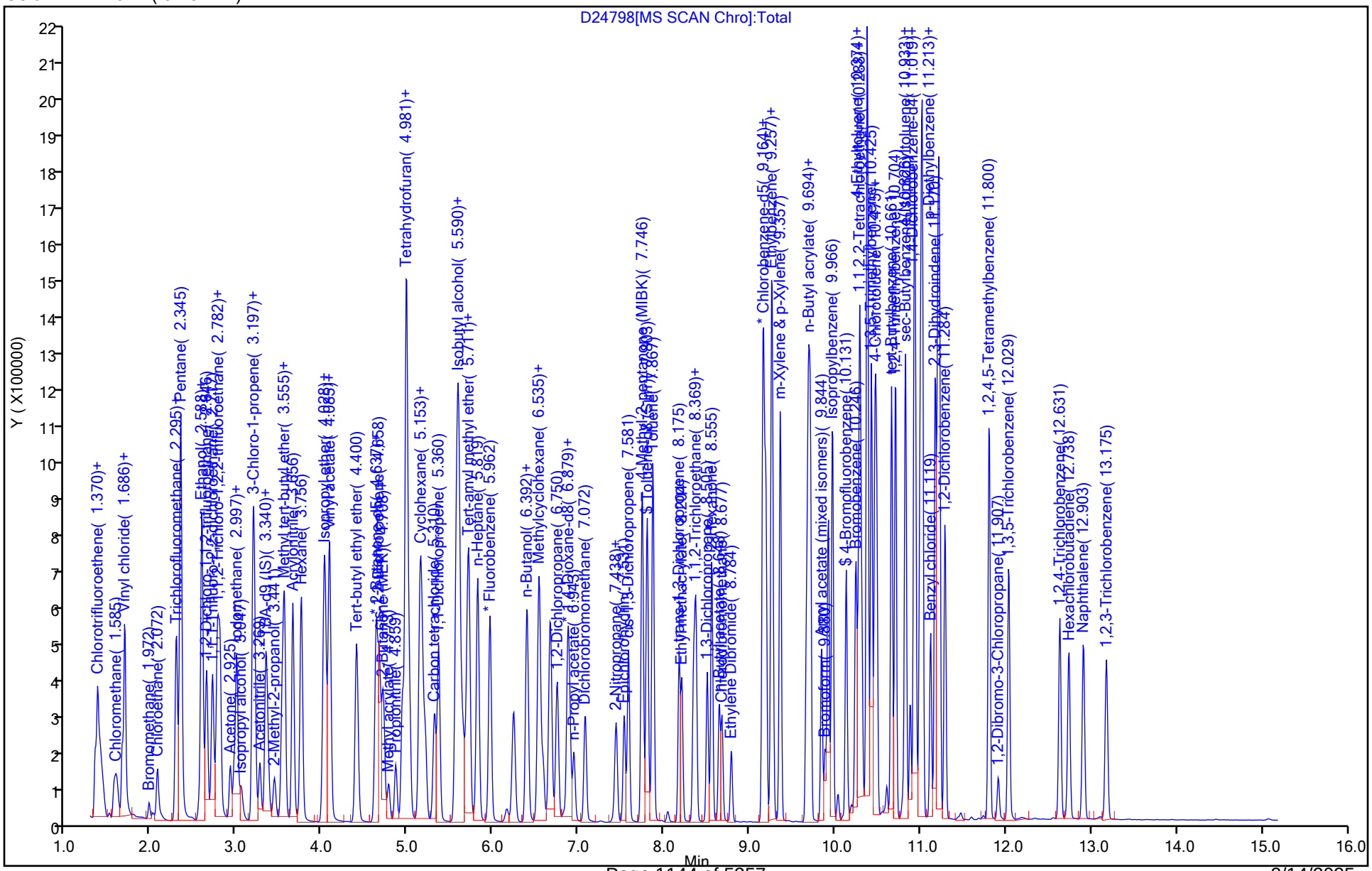
Report Date: 09-Feb-2025 13:20:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24798.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:33:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD50 | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

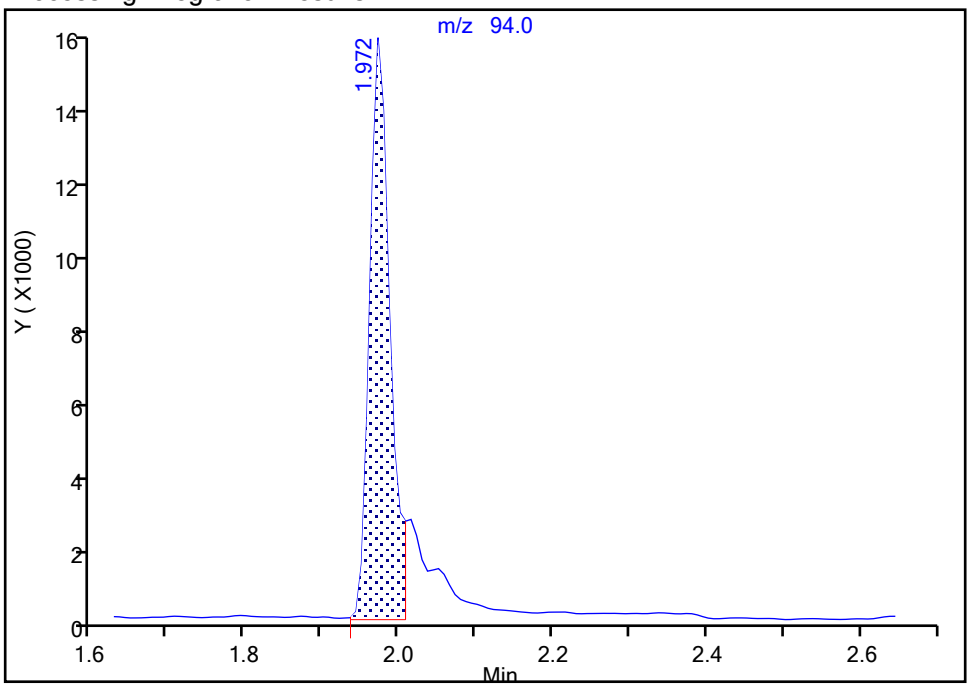
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24798.D
Injection Date: 07-Feb-2025 06:33:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 7 Bromomethane, CAS: 74-83-9

Signal: 1

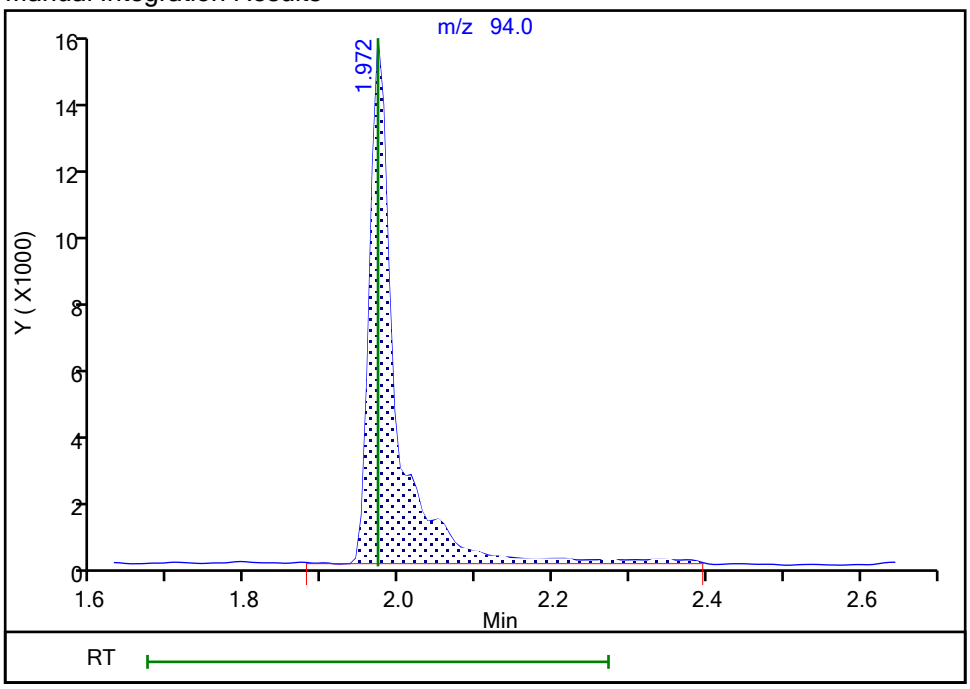
Processing Integration Results

RT: 1.97
Area: 28510
Amount: 14.968056
Amount Units: ug/l




Manual Integration Results

RT: 1.97
Area: 37151
Amount: 32.443177
Amount Units: ug/l




Reviewer: PUV6, 07-Feb-2025 07:25:28 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24799.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 07-Feb-2025 06:56:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0186631-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:20:52 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: N1JZ Date: 07-Feb-2025 07:48:11

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 88 | 335789 | 200.0 | 214.0 | |
| 2 Dichlorodifluoromethane | 85 | 1.371 | 1.370 | 0.001 | 99 | 1707742 | 200.0 | 228.1 | |
| 3 Chlorodifluoromethane | 51 | 1.406 | 1.406 | 0.000 | 97 | 1953080 | 200.0 | 196.4 | |
| 4 Chloromethane | 50 | 1.585 | 1.585 | 0.000 | 99 | 1416703 | 200.0 | 200.5 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 1135686 | 200.0 | 200.9 | |
| 6 Butadiene | 54 | 1.686 | 1.686 | 0.000 | 98 | 1129300 | 200.0 | 200.1 | |
| 7 Bromomethane | 94 | 1.972 | 1.972 | 0.000 | 98 | 236076 | 200.0 | 206.6 | |
| 8 Chloroethane | 64 | 2.073 | 2.072 | 0.001 | 100 | 684420 | 200.0 | 192.4 | |
| 9 Trichlorofluoromethane | 101 | 2.295 | 2.287 | 0.008 | 85 | 1263187 | 200.0 | 203.9 | |
| 10 Dichlorofluoromethane | 67 | 2.295 | 2.295 | 0.000 | 97 | 1792230 | 200.0 | 192.4 | |
| 11 Pentane | 72 | 2.345 | 2.345 | 0.000 | 96 | 380152 | 400.0 | 406.4 | |
| 12 Ethanol | 46 | 2.552 | 2.560 | -0.008 | 98 | 146239 | 8000.0 | 6264.0 | |
| 13 Ethyl ether | 59 | 2.581 | 2.581 | 0.000 | 96 | 638389 | 200.0 | 169.5 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.595 | 2.595 | 0.000 | 97 | 858182 | 200.0 | 197.1 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.653 | 2.646 | 0.007 | 88 | 606813 | 200.0 | 177.8 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 97 | 1365058 | 200.0 | 206.3 | |
| 18 Acrolein | 56 | 2.774 | 2.774 | 0.000 | 96 | 251415 | 500.0 | 485.1 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.774 | 2.774 | 0.000 | 94 | 888037 | 200.0 | 209.3 | |
| 19 1,1-Dichloroethene | 96 | 2.803 | 2.803 | 0.000 | 96 | 852365 | 200.0 | 198.2 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 87 | 912737 | 1000.0 | 930.1 | |
| 21 Iodomethane | 142 | 2.968 | 2.968 | 0.000 | 99 | 1093402 | 200.0 | 227.7 | |
| 22 Carbon disulfide | 76 | 3.004 | 2.997 | 0.008 | 99 | 3265003 | 200.0 | 197.6 | |
| 23 Isopropyl alcohol | 45 | 3.054 | 3.054 | 0.000 | 99 | 467058 | 2000.0 | 1731.7 | |
| 24 3-Chloro-1-propene | 76 | 3.190 | 3.183 | 0.007 | 93 | 519926 | 200.0 | 183.0 | |
| 25 Cyclopentene | 67 | 3.197 | 3.197 | 0.000 | 93 | 2670876 | 200.0 | 238.4 | |
| 26 Methyl acetate | 43 | 3.211 | 3.211 | 0.000 | 100 | 913165 | 400.0 | 358.3 | |
| 27 Acetonitrile | 40 | 3.269 | 3.269 | 0.000 | 99 | 441429 | 2000.0 | 1850.0 | |
| 28 Methylene Chloride | 84 | 3.340 | 3.340 | 0.000 | 94 | 897100 | 200.0 | 172.3 | |
| * 29 TBA-d9 (IS) | 65 | 3.355 | 3.355 | 0.000 | 0 | 353309 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.441 | 3.441 | 0.000 | 99 | 802828 | 2000.0 | 1836.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 97 | 2190568 | 200.0 | 187.6 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.562 | 3.555 | 0.007 | 97 | 925151 | 200.0 | 195.2 | |
| 33 Acrylonitrile | 53 | 3.656 | 3.656 | 0.000 | 94 | 2327744 | 2000.0 | 1905.1 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 93 | 1649770 | 200.0 | 208.6 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 97 | 2751506 | 200.0 | 191.6 | |
| 36 1,1-Dichloroethane | 63 | 4.042 | 4.035 | 0.007 | 99 | 1618352 | 200.0 | 185.8 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 310979 | 400.0 | 375.1 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.092 | 4.092 | 0.000 | 91 | 858195 | 200.0 | 202.9 | |
| 39 Tert-butyl ethyl ether | 59 | 4.401 | 4.400 | 0.000 | 88 | 2618788 | 200.0 | 190.8 | |
| 40 2,2-Dichloropropane | 79 | 4.630 | 4.630 | 0.000 | 95 | 427183 | 200.0 | 189.0 | |
| * 41 2-Butanone-d5 | 46 | 4.637 | 4.637 | 0.000 | 95 | 342722 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.666 | 4.665 | 0.001 | 97 | 956743 | 200.0 | 192.1 | |
| 43 2-Butanone (MEK) | 72 | 4.701 | 4.701 | 0.000 | 100 | 409328 | 1000.0 | 949.0 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 98 | 161165 | 400.0 | 400.4 | |
| 45 Methyl acrylate | 55 | 4.773 | 4.780 | -0.007 | 99 | 603214 | 200.0 | 189.2 | |
| 46 Propionitrile | 54 | 4.859 | 4.859 | 0.000 | 99 | 911384 | 2000.0 | 1902.8 | |
| 47 Tetrahydrofuran | 72 | 4.938 | 4.938 | 0.000 | 93 | 170859 | 400.0 | 363.0 | |
| 48 Chlorobromomethane | 128 | 4.945 | 4.938 | 0.007 | 96 | 364872 | 200.0 | 184.6 | |
| 49 Methacrylonitrile | 67 | 4.988 | 4.981 | 0.007 | 92 | 2811267 | 2000.0 | 1879.0 | |
| 50 Chloroform | 83 | 5.017 | 5.016 | 0.001 | 99 | 1518464 | 200.0 | 195.5 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 92 | 1463201 | 200.0 | 213.6 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 99 | 1321981 | 200.0 | 206.3 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 96 | 181311 | 50.0 | 50.3 | |
| 54 Carbon tetrachloride | 117 | 5.310 | 5.310 | 0.000 | 98 | 1125869 | 200.0 | 207.8 | |
| 55 1,1-Dichloropropene | 75 | 5.360 | 5.360 | 0.000 | 98 | 1410811 | 200.0 | 205.7 | |
| 56 Isobutyl alcohol | 43 | 5.568 | 5.568 | 0.000 | 91 | 1603466 | 5000.0 | 5153.1 | |
| 137 Isooctane | 57 | 5.575 | 5.575 | 0.000 | 94 | 4242104 | 200.0 | 220.7 | |
| 57 Benzene | 78 | 5.597 | 5.597 | 0.000 | 97 | 3643696 | 200.0 | 195.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.625 | 5.625 | 0.000 | 97 | 204597 | 50.0 | 54.4 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 92 | 716551 | 200.0 | 195.8 | |
| 60 Isopropyl acetate | 61 | 5.719 | 5.718 | 0.000 | 99 | 416271 | 200.0 | 193.7 | |
| 61 1,2-Dichloroethane | 62 | 5.719 | 5.718 | 0.000 | 97 | 1046179 | 200.0 | 193.4 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 93 | 1797532 | 200.0 | 219.5 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 752917 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.392 | 6.392 | 0.000 | 87 | 603440 | 5000.0 | 5004.6 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 96 | 967520 | 200.0 | 204.7 | |
| 66 Methylcyclohexane | 83 | 6.535 | 6.535 | 0.000 | 97 | 1850938 | 200.0 | 217.7 | |
| 67 Ethyl acrylate | 55 | 6.585 | 6.585 | 0.000 | 99 | 1068502 | 200.0 | 193.3 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 92 | 977876 | 200.0 | 200.9 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.829 | 6.829 | 0.000 | 0 | 27927 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.872 | 6.872 | 0.000 | 91 | 388316 | 400.0 | 392.2 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 94 | 164200 | 4000.0 | 4008.9 | |
| 72 Dibromomethane | 93 | 6.893 | 6.893 | 0.000 | 93 | 497343 | 200.0 | 192.6 | |
| 73 n-Propyl acetate | 43 | 6.943 | 6.943 | 0.000 | 98 | 1072376 | 200.0 | 197.4 | |
| 74 Dichlorobromomethane | 83 | 7.079 | 7.079 | 0.000 | 99 | 1148588 | 200.0 | 201.9 | |
| 75 2-Nitropropane | 41 | 7.430 | 7.430 | 0.000 | 97 | 379134 | 400.0 | 350.8 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 96 | 467669 | 200.5 | 181.1 | |
| 77 Epichlorohydrin | 57 | 7.531 | 7.531 | 0.000 | 99 | 1219141 | 4000.0 | 3767.4 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.581 | 7.581 | 0.000 | 92 | 1487682 | 200.0 | 194.5 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.746 | 7.746 | 0.000 | 96 | 3296668 | 1000.0 | 975.2 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 99 | 748993 | 50.0 | 49.7 | |
| 81 Toluene | 91 | 7.867 | 7.867 | 0.000 | 94 | 3723660 | 200.0 | 193.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 97 | 1256795 | 200.0 | 189.1 | |
| 83 Ethyl methacrylate | 69 | 8.204 | 8.204 | 0.000 | 89 | 1056946 | 200.0 | 196.5 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 96 | 623825 | 200.0 | 199.3 | |
| 85 Tetrachloroethene | 166 | 8.369 | 8.369 | 0.000 | 93 | 821691 | 200.0 | 205.8 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 95 | 1217206 | 200.0 | 194.8 | |
| 87 2-Hexanone | 43 | 8.555 | 8.555 | 0.000 | 96 | 2380836 | 1000.0 | 986.4 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 99 | 200076 | 200.0 | 184.9 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 98 | 779283 | 200.0 | 200.1 | |
| 90 Ethylene Dibromide | 107 | 8.784 | 8.784 | 0.000 | 98 | 690291 | 200.0 | 192.5 | |
| * 91 Chlorobenzene-d5 | 117 | 9.164 | 9.164 | 0.000 | 92 | 509957 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.193 | 9.193 | 0.000 | 92 | 2246444 | 200.0 | 196.5 | |
| 93 Ethylbenzene | 106 | 9.257 | 9.257 | 0.000 | 99 | 1296140 | 200.0 | 201.3 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 96 | 759477 | 200.0 | 205.8 | |
| 95 m-Xylene & p-Xylene | 106 | 9.357 | 9.357 | 0.000 | 0 | 1632484 | 200.0 | 200.5 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 643018 | 200.0 | 195.1 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 93 | 1505223 | 200.0 | 200.7 | |
| 98 Styrene | 104 | 9.708 | 9.708 | 0.000 | 92 | 2596915 | 200.0 | 202.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 1356063 | 200.0 | 178.1 | |
| 100 Bromoform | 173 | 9.880 | 9.880 | 0.000 | 92 | 458891 | 200.0 | 207.9 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 97 | 3844166 | 200.0 | 209.4 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 205660 | 50.0 | 47.2 | |
| 103 Bromobenzene | 156 | 10.246 | 10.246 | 0.000 | 95 | 859239 | 200.0 | 185.2 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 99 | 977794 | 200.0 | 183.7 | |
| 105 N-Propylbenzene | 91 | 10.289 | 10.288 | 0.001 | 98 | 5324472 | 200.0 | 192.8 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 95 | 246111 | 200.0 | 180.6 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 83 | 318511 | 200.0 | 184.5 | |
| 108 4-Ethyltoluene | 105 | 10.374 | 10.374 | 0.000 | 98 | 4198873 | 200.0 | 190.6 | |
| 109 2-Chlorotoluene | 91 | 10.382 | 10.374 | 0.008 | 96 | 3557544 | 200.0 | 192.8 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.425 | 10.425 | 0.000 | 92 | 3658559 | 200.0 | 196.6 | |
| 111 4-Chlorotoluene | 91 | 10.468 | 10.468 | 0.000 | 99 | 3400121 | 200.0 | 194.9 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 92 | 1278829 | 200.0 | 193.1 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 92 | 2980909 | 200.0 | 196.7 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 98 | 3620284 | 200.0 | 194.2 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 99 | 4794619 | 200.0 | 198.9 | |
| 116 4-Isopropyltoluene | 119 | 10.926 | 10.926 | 0.000 | 97 | 3890572 | 200.0 | 199.1 | |
| 117 1,3-Dichlorobenzene | 146 | 10.940 | 10.940 | 0.000 | 93 | 1853741 | 200.0 | 197.7 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.998 | 10.998 | 0.000 | 91 | 286149 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 94 | 1850564 | 200.0 | 193.6 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.026 | 11.019 | 0.007 | 99 | 3823421 | 200.0 | 196.9 | |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 378536 | 200.0 | 188.6 | |
| 122 2,3-Dihydroindene | 117 | 11.177 | 11.170 | 0.007 | 94 | 3518669 | 200.0 | 204.9 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 92 | 2670549 | 200.0 | 199.3 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 97 | 2459383 | 200.0 | 203.7 | |
| 125 1,2-Dichlorobenzene | 146 | 11.291 | 11.284 | 0.007 | 94 | 1778534 | 200.0 | 200.2 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.807 | 11.800 | 0.007 | 96 | 3386941 | 200.0 | 191.0 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.915 | 11.914 | 0.001 | 96 | 176751 | 200.0 | 190.8 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 97 | 1196330 | 200.0 | 191.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 94 | 987363 | 200.0 | 185.1 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 92 | 523679 | 200.0 | 196.6 | |
| 131 Naphthalene | 128 | 12.910 | 12.903 | 0.007 | 99 | 2428073 | 200.0 | 176.0 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.175 | 13.175 | 0.000 | 94 | 849802 | 200.0 | 183.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 400.0 | 387.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 400.0 | 383.6 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 400.0 | 401.2 | |
| S 136 Total BTEX | 1 | | | | 0 | | 1000.0 | 991.5 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 5.00 | Units: uL | | |
| MIX I Hi_00185 | Amount Added: | 2.00 | Units: uL | | |
| MIX 2 Hi_00158 | Amount Added: | 2.00 | Units: uL | | |
| Ethanol mix_00098 | Amount Added: | 2.00 | Units: uL | | |
| 7 Freons Hi_00024 | Amount Added: | 2.00 | Units: uL | | |
| GAS Hi_00488 | Amount Added: | 2.00 | Units: uL | | |
| alpha-Pinene_00005 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

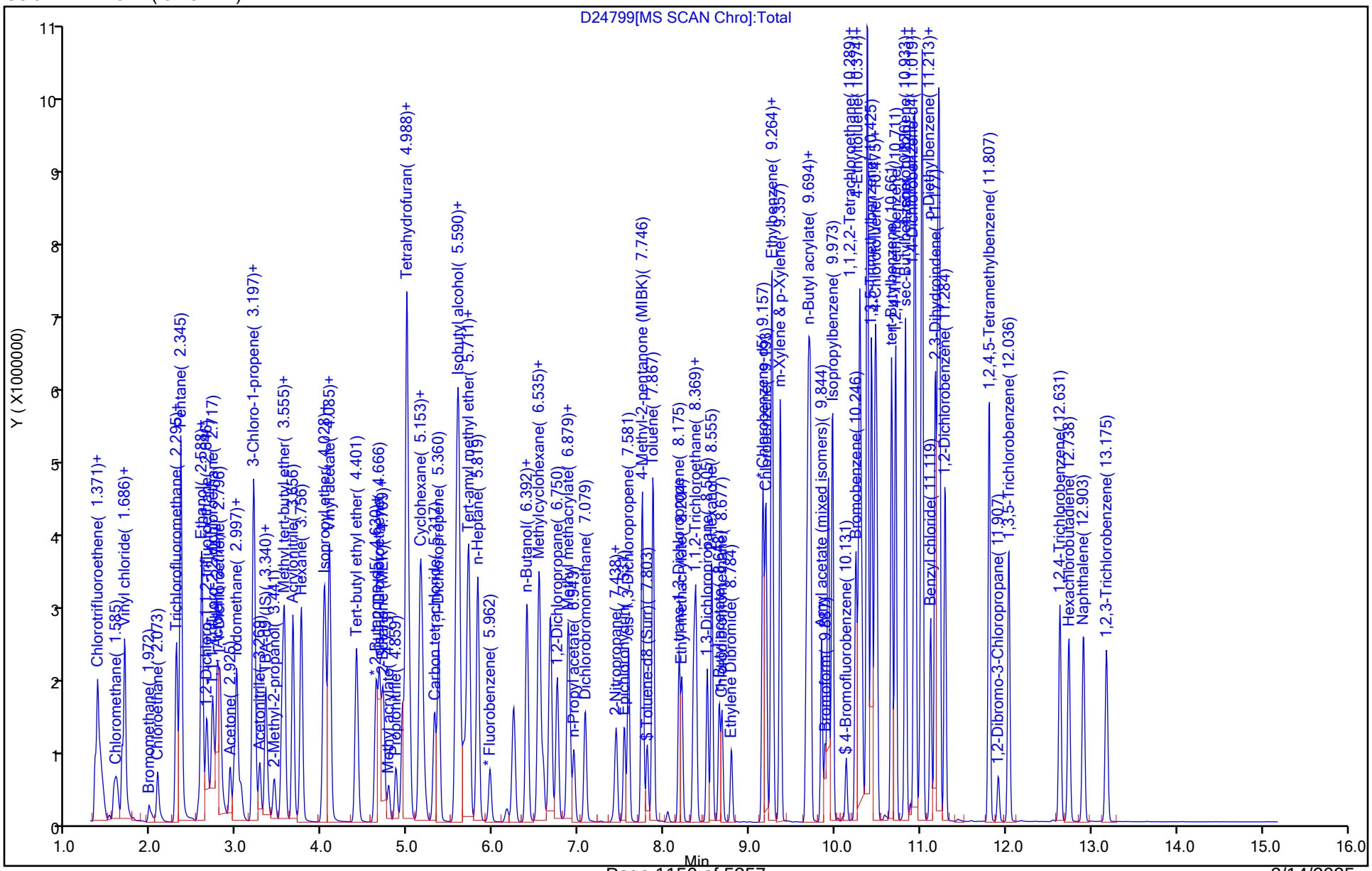
Report Date: 09-Feb-2025 13:20:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24799.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:56:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD200 | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 07-Feb-2025 07:19:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0186631-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:21:02 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: N1JZ Date: 07-Feb-2025 07:47:53

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.342 | 1.342 | 0.000 | 89 | 853289 | 500.0 | 528.3 | |
| 2 Dichlorodifluoromethane | 85 | 1.370 | 1.370 | 0.000 | 99 | 4571967 | 500.0 | 518.4 | |
| 3 Chlorodifluoromethane | 51 | 1.406 | 1.406 | 0.000 | 97 | 5038321 | 500.0 | 430.1 | |
| 4 Chloromethane | 50 | 1.585 | 1.585 | 0.000 | 99 | 3977265 | 500.0 | 477.9 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 3170700 | 500.0 | 476.1 | |
| 6 Butadiene | 54 | 1.686 | 1.686 | 0.000 | 98 | 3077036 | 500.0 | 462.7 | |
| 7 Bromomethane | 94 | 1.972 | 1.972 | 0.000 | 98 | 460481 | 500.0 | 495.8 | |
| 8 Chloroethane | 64 | 2.065 | 2.072 | -0.007 | 100 | 1753021 | 500.0 | 418.4 | |
| 9 Trichlorofluoromethane | 101 | 2.280 | 2.287 | -0.007 | 98 | 3447148 | 500.0 | 472.4 | |
| 10 Dichlorofluoromethane | 67 | 2.287 | 2.295 | -0.008 | 99 | 4867210 | 500.0 | 443.6 | |
| 11 Pentane | 72 | 2.337 | 2.345 | -0.008 | 95 | 989086 | 1000.0 | 897.7 | |
| 12 Ethanol | 46 | 2.567 | 2.560 | 0.007 | 95 | 375741 | 20000 | 14891 | |
| 13 Ethyl ether | 59 | 2.581 | 2.581 | 0.000 | 87 | 1680923 | 500.0 | 378.9 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.588 | 2.595 | -0.007 | 97 | 2234891 | 500.0 | 435.8 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.645 | 2.646 | -0.001 | 89 | 2122775 | 500.0 | 527.9 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.717 | 2.717 | 0.000 | 96 | 3634669 | 500.0 | 466.3 | a |
| 18 Acrolein | 56 | 2.774 | 2.774 | 0.000 | 97 | 370205 | 600.0 | 606.4 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.767 | 2.774 | -0.007 | 95 | 2492568 | 500.0 | 498.6 | |
| 19 1,1-Dichloroethene | 96 | 2.803 | 2.803 | 0.000 | 96 | 2427888 | 500.0 | 479.3 | |
| 20 Acetone | 43 | 2.925 | 2.925 | 0.000 | 87 | 2332689 | 2500.0 | 2309.5 | |
| 21 Iodomethane | 142 | 2.968 | 2.968 | 0.000 | 99 | 2913127 | 500.0 | 515.1 | |
| 22 Carbon disulfide | 76 | 2.996 | 2.997 | 0.000 | 100 | 9317838 | 500.0 | 478.7 | |
| 23 Isopropyl alcohol | 45 | 3.061 | 3.054 | 0.007 | 99 | 1339185 | 5000.0 | 4594.0 | |
| 24 3-Chloro-1-propene | 76 | 3.183 | 3.183 | 0.000 | 88 | 1446051 | 500.0 | 432.1 | |
| 25 Cyclopentene | 67 | 3.197 | 3.197 | 0.000 | 93 | 7367217 | 500.0 | 558.2 | |
| 26 Methyl acetate | 43 | 3.211 | 3.211 | 0.000 | 99 | 2617610 | 1000.0 | 872.0 | |
| 27 Acetonitrile | 40 | 3.269 | 3.269 | 0.000 | 98 | 1357369 | 5000.0 | 4828.9 | |
| 28 Methylene Chloride | 84 | 3.333 | 3.340 | -0.007 | 94 | 2561920 | 500.0 | 417.7 | |
| * 29 TBA-d9 (IS) | 65 | 3.369 | 3.355 | 0.014 | 0 | 381867 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.448 | 3.441 | 0.007 | 99 | 2037887 | 5000.0 | 4313.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.534 | 3.534 | 0.000 | 98 | 6169857 | 500.0 | 448.6 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.562 | 3.555 | 0.007 | 98 | 2619466 | 500.0 | 469.3 | |
| 33 Acrylonitrile | 53 | 3.663 | 3.656 | 0.007 | 94 | 6387472 | 5000.0 | 4836.8 | |
| 34 Hexane | 57 | 3.756 | 3.756 | 0.000 | 93 | 4608920 | 500.0 | 494.8 | |
| 35 Isopropyl ether | 45 | 4.021 | 4.021 | 0.000 | 96 | 7554735 | 500.0 | 446.7 | |
| 36 1,1-Dichloroethane | 63 | 4.042 | 4.035 | 0.007 | 100 | 4592902 | 500.0 | 447.5 | |
| 37 Vinyl acetate | 86 | 4.078 | 4.078 | 0.000 | 100 | 857383 | 1000.0 | 877.8 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.092 | 4.092 | 0.000 | 91 | 2367683 | 500.0 | 475.2 | |
| 39 Tert-butyl ethyl ether | 59 | 4.400 | 4.400 | 0.000 | 89 | 7270180 | 500.0 | 449.7 | |
| 40 2,2-Dichloropropane | 79 | 4.630 | 4.630 | 0.000 | 96 | 1201662 | 500.0 | 451.3 | |
| * 41 2-Butanone-d5 | 46 | 4.644 | 4.637 | 0.007 | 97 | 352745 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.673 | 4.665 | 0.008 | 98 | 2724784 | 500.0 | 464.3 | |
| 43 2-Butanone (MEK) | 72 | 4.708 | 4.701 | 0.007 | 99 | 1116039 | 2500.0 | 2513.9 | |
| 44 Ethyl acetate | 70 | 4.723 | 4.723 | 0.000 | 98 | 459346 | 1000.0 | 1055.9 | |
| 45 Methyl acrylate | 55 | 4.780 | 4.780 | 0.000 | 100 | 1692462 | 500.0 | 450.6 | |
| 46 Propionitrile | 54 | 4.866 | 4.859 | 0.007 | 99 | 2491229 | 5000.0 | 4812.3 | |
| 47 Tetrahydrofuran | 72 | 4.938 | 4.938 | 0.000 | 94 | 456138 | 1000.0 | 896.7 | |
| 48 Chlorobromomethane | 128 | 4.945 | 4.938 | 0.007 | 96 | 1069132 | 500.0 | 459.1 | |
| 49 Methacrylonitrile | 67 | 5.002 | 4.981 | 0.021 | 92 | 7340567 | 5000.0 | 4164.9 | |
| 50 Chloroform | 83 | 5.031 | 5.016 | 0.015 | 98 | 4226530 | 500.0 | 461.9 | |
| 51 Cyclohexane | 84 | 5.145 | 5.145 | 0.000 | 92 | 4185764 | 500.0 | 518.7 | |
| 52 1,1,1-Trichloroethane | 97 | 5.174 | 5.174 | 0.000 | 99 | 3811074 | 500.0 | 504.8 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.210 | 5.210 | 0.000 | 96 | 212159 | 50.0 | 49.9 | |
| 54 Carbon tetrachloride | 117 | 5.317 | 5.310 | 0.007 | 98 | 3321433 | 500.0 | 520.5 | |
| 55 1,1-Dichloropropene | 75 | 5.360 | 5.360 | 0.000 | 97 | 4166359 | 500.0 | 515.8 | |
| 56 Isobutyl alcohol | 43 | 5.575 | 5.568 | 0.007 | 89 | 4340867 | 12500 | 12907 | |
| 137 Isooctane | 57 | 5.575 | 5.575 | 0.000 | 91 | 11526654 | 500.0 | 509.0 | |
| 57 Benzene | 78 | 5.604 | 5.597 | 0.007 | 97 | 10075721 | 500.0 | 475.9 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.632 | 5.625 | 0.007 | 87 | 178444 | 50.0 | 40.3 | |
| 59 Tert-amyl methyl ether | 87 | 5.704 | 5.704 | 0.000 | 92 | 2029772 | 500.0 | 470.8 | |
| 60 Isopropyl acetate | 61 | 5.718 | 5.718 | 0.000 | 98 | 1163126 | 500.0 | 459.5 | |
| 61 1,2-Dichloroethane | 62 | 5.726 | 5.718 | 0.008 | 97 | 2969945 | 500.0 | 466.2 | |
| 62 n-Heptane | 43 | 5.819 | 5.819 | 0.000 | 93 | 5159259 | 500.0 | 534.9 | |
| * 63 Fluorobenzene | 96 | 5.962 | 5.962 | 0.000 | 98 | 886950 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.399 | 6.392 | 0.007 | 79 | 1696329 | 12500 | 13016 | |
| 65 Trichloroethene | 95 | 6.399 | 6.399 | 0.000 | 95 | 2815228 | 500.0 | 505.7 | |
| 66 Methylcyclohexane | 83 | 6.535 | 6.535 | 0.000 | 96 | 5353511 | 500.0 | 534.6 | |
| 67 Ethyl acrylate | 55 | 6.585 | 6.585 | 0.000 | 99 | 3157714 | 500.0 | 485.0 | |
| 68 1,2-Dichloropropane | 63 | 6.750 | 6.750 | 0.000 | 92 | 2847742 | 500.0 | 496.7 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.836 | 6.829 | 0.007 | 0 | 29902 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.879 | 6.872 | 0.007 | 92 | 1101669 | 1000.0 | 944.5 | |
| 71 1,4-Dioxane | 88 | 6.893 | 6.893 | 0.000 | 94 | 472506 | 10000 | 10774 | |
| 72 Dibromomethane | 93 | 6.900 | 6.893 | 0.007 | 93 | 1320339 | 500.0 | 434.1 | |
| 73 n-Propyl acetate | 43 | 6.943 | 6.943 | 0.000 | 99 | 3073684 | 500.0 | 480.2 | |
| 74 Dichlorobromomethane | 83 | 7.079 | 7.079 | 0.000 | 99 | 3383688 | 500.0 | 504.8 | |
| 75 2-Nitropropane | 41 | 7.430 | 7.430 | 0.000 | 97 | 1039878 | 1000.0 | 816.7 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.445 | 7.445 | 0.000 | 86 | 1255569 | 501.2 | 412.7 | |
| 77 Epichlorohydrin | 57 | 7.538 | 7.531 | 0.007 | 100 | 2762414 | 10000 | 7897.9 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.588 | 7.581 | 0.007 | 93 | 4273198 | 500.0 | 491.6 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.746 | 7.746 | 0.000 | 96 | 8780386 | 2500.0 | 2523.6 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.803 | 7.803 | 0.000 | 99 | 895343 | 50.0 | 52.2 | |
| 81 Toluene | 91 | 7.874 | 7.867 | 0.007 | 94 | 10215547 | 500.0 | 466.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.175 | 8.175 | 0.000 | 98 | 3557265 | 500.0 | 470.8 | |
| 83 Ethyl methacrylate | 69 | 8.211 | 8.204 | 0.007 | 90 | 3004680 | 500.0 | 474.1 | |
| 84 1,1,2-Trichloroethane | 83 | 8.347 | 8.347 | 0.000 | 96 | 1766895 | 500.0 | 496.7 | |
| 85 Tetrachloroethene | 166 | 8.376 | 8.369 | 0.007 | 93 | 2403299 | 500.0 | 529.7 | |
| 86 1,3-Dichloropropane | 76 | 8.505 | 8.505 | 0.000 | 95 | 3558701 | 500.0 | 501.0 | |
| 87 2-Hexanone | 43 | 8.562 | 8.555 | 0.007 | 95 | 6529044 | 2500.0 | 2628.1 | |
| 88 n-Butyl acetate | 73 | 8.648 | 8.648 | 0.000 | 99 | 563804 | 500.0 | 458.4 | |
| 89 Chlorodibromomethane | 129 | 8.677 | 8.677 | 0.000 | 98 | 2290796 | 500.0 | 517.5 | |
| 90 Ethylene Dibromide | 107 | 8.791 | 8.784 | 0.007 | 98 | 2012539 | 500.0 | 493.8 | |
| * 91 Chlorobenzene-d5 | 117 | 9.164 | 9.164 | 0.000 | 91 | 579587 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.192 | 9.193 | -0.001 | 91 | 6276694 | 500.0 | 483.0 | |
| 93 Ethylbenzene | 106 | 9.264 | 9.257 | 0.007 | 99 | 3471246 | 500.0 | 474.4 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.271 | 9.271 | 0.000 | 96 | 2124559 | 500.0 | 506.6 | |
| 95 m-Xylene & p-Xylene | 106 | 9.364 | 9.357 | 0.007 | 0 | 4567323 | 500.0 | 493.5 | |
| 96 n-Butyl acrylate | 73 | 9.665 | 9.665 | 0.000 | 97 | 1775493 | 500.0 | 474.0 | |
| 97 o-Xylene | 106 | 9.687 | 9.687 | 0.000 | 93 | 4078185 | 500.0 | 478.4 | |
| 98 Styrene | 104 | 9.715 | 9.708 | 0.007 | 92 | 7106556 | 500.0 | 487.8 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.844 | 9.844 | 0.000 | 91 | 3804316 | 500.0 | 397.4 | |
| 100 Bromoform | 173 | 9.887 | 9.880 | 0.007 | 96 | 1385738 | 500.0 | 552.5 | |
| 101 Isopropylbenzene | 105 | 9.973 | 9.973 | 0.000 | 97 | 10517496 | 500.0 | 504.2 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.131 | 10.131 | 0.000 | 0 | 254075 | 50.0 | 46.4 | |
| 103 Bromobenzene | 156 | 10.245 | 10.246 | -0.001 | 95 | 2537521 | 500.0 | 435.1 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.267 | 10.267 | 0.000 | 99 | 2851189 | 500.0 | 426.2 | |
| 105 N-Propylbenzene | 91 | 10.288 | 10.288 | 0.000 | 99 | 13998600 | 500.0 | 403.2 | |
| 106 1,2,3-Trichloropropane | 110 | 10.310 | 10.310 | 0.000 | 95 | 721873 | 500.0 | 421.4 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.317 | 10.317 | 0.000 | 85 | 932031 | 500.0 | 429.6 | |
| 108 4-Ethyltoluene | 105 | 10.382 | 10.374 | 0.008 | 98 | 10345601 | 500.0 | 373.6 | |
| 109 2-Chlorotoluene | 91 | 10.382 | 10.374 | 0.008 | 96 | 9051568 | 500.0 | 390.2 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.432 | 10.425 | 0.007 | 92 | 10141340 | 500.0 | 433.6 | |
| 111 4-Chlorotoluene | 91 | 10.467 | 10.468 | -0.001 | 99 | 9499042 | 500.0 | 433.1 | |
| 112 Butyl Methacrylate | 87 | 10.489 | 10.489 | 0.000 | 91 | 3663742 | 500.0 | 440.0 | |
| 113 tert-Butylbenzene | 119 | 10.661 | 10.661 | 0.000 | 91 | 8335958 | 500.0 | 437.5 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.711 | 10.711 | 0.000 | 99 | 9892877 | 500.0 | 422.2 | |
| 115 sec-Butylbenzene | 105 | 10.826 | 10.826 | 0.000 | 98 | 12724153 | 500.0 | 419.9 | |
| 116 4-Isopropyltoluene | 119 | 10.933 | 10.926 | 0.007 | 96 | 9870928 | 500.0 | 401.8 | |
| 117 1,3-Dichlorobenzene | 146 | 10.947 | 10.940 | 0.007 | 94 | 5073947 | 500.0 | 430.4 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.998 | 10.998 | 0.000 | 94 | 359709 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.012 | 11.012 | 0.000 | 91 | 5015885 | 500.0 | 417.4 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.026 | 11.019 | 0.007 | 99 | 9929054 | 500.0 | 406.7 | |
| 121 Benzyl chloride | 126 | 11.119 | 11.119 | 0.000 | 98 | 1133275 | 500.0 | 449.2 | |
| 122 2,3-Dihydroindene | 117 | 11.177 | 11.170 | 0.007 | 94 | 9656465 | 500.0 | 477.3 | |
| 123 p-Diethylbenzene | 119 | 11.205 | 11.205 | 0.000 | 92 | 7195559 | 500.0 | 427.3 | |
| 124 n-Butylbenzene | 92 | 11.227 | 11.220 | 0.007 | 99 | 6639676 | 500.0 | 437.6 | |
| 125 1,2-Dichlorobenzene | 146 | 11.291 | 11.284 | 0.007 | 93 | 5210964 | 500.0 | 466.7 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.807 | 11.800 | 0.007 | 97 | 9278056 | 500.0 | 416.2 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.914 | 11.914 | 0.000 | 98 | 542031 | 500.0 | 465.5 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.036 | 12.036 | 0.000 | 96 | 3601340 | 500.0 | 457.6 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.631 | 12.631 | 0.000 | 94 | 2936387 | 500.0 | 437.8 | |
| 130 Hexachlorobutadiene | 225 | 12.738 | 12.738 | 0.000 | 93 | 1673407 | 500.0 | 499.6 | |
| 131 Naphthalene | 128 | 12.910 | 12.903 | 0.007 | 99 | 7070141 | 500.0 | 407.6 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.175 | 13.175 | 0.000 | 95 | 2518980 | 500.0 | 431.5 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 1000.0 | 933.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 1000.0 | 962.4 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 1000.0 | 971.9 | |
| S 136 Total BTEX | 1 | | | | 0 | | 2500.0 | 2389.1 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| MIX I Hi_00185 | Amount Added: | 5.00 | Units: uL | | |
| MIX 2 Hi_00158 | Amount Added: | 5.00 | Units: uL | | |
| Ethanol mix_00098 | Amount Added: | 5.00 | Units: uL | | |
| 7 Freons Hi_00024 | Amount Added: | 5.00 | Units: uL | | |
| ACROLEIN W_00179 | Amount Added: | 6.00 | Units: uL | | |
| GAS Hi_00488 | Amount Added: | 5.00 | Units: uL | | |
| alpha-Pinene_00005 | Amount Added: | 5.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

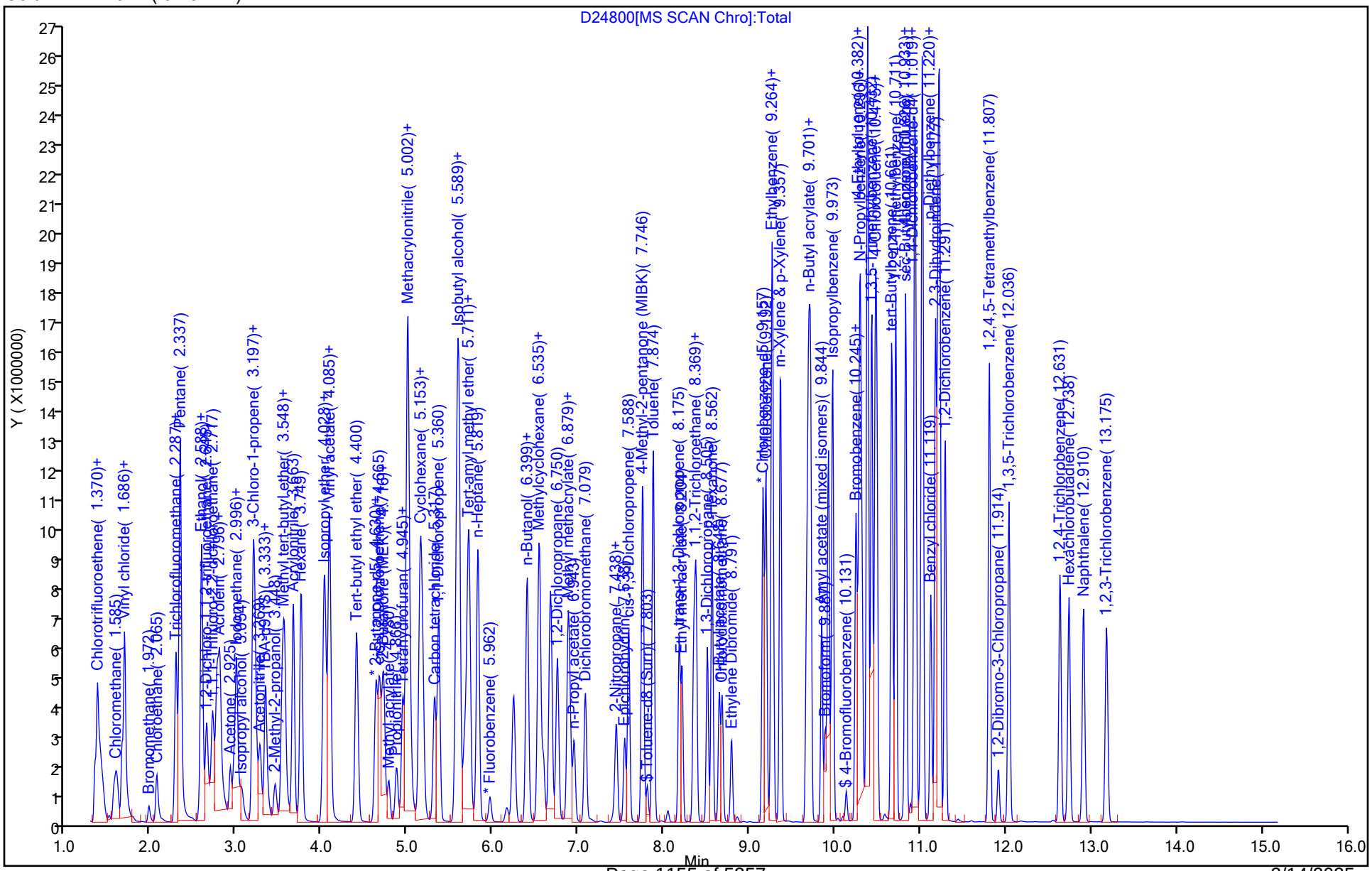
Report Date: 09-Feb-2025 13:21:03 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:19:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | STD500 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

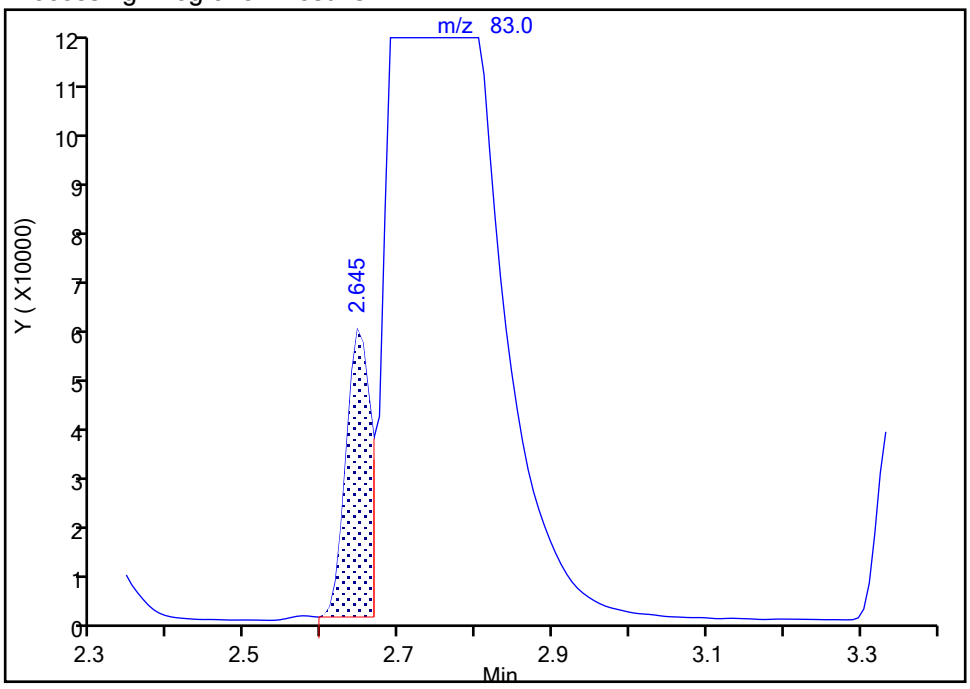
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D
Injection Date: 07-Feb-2025 07:19:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 16 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

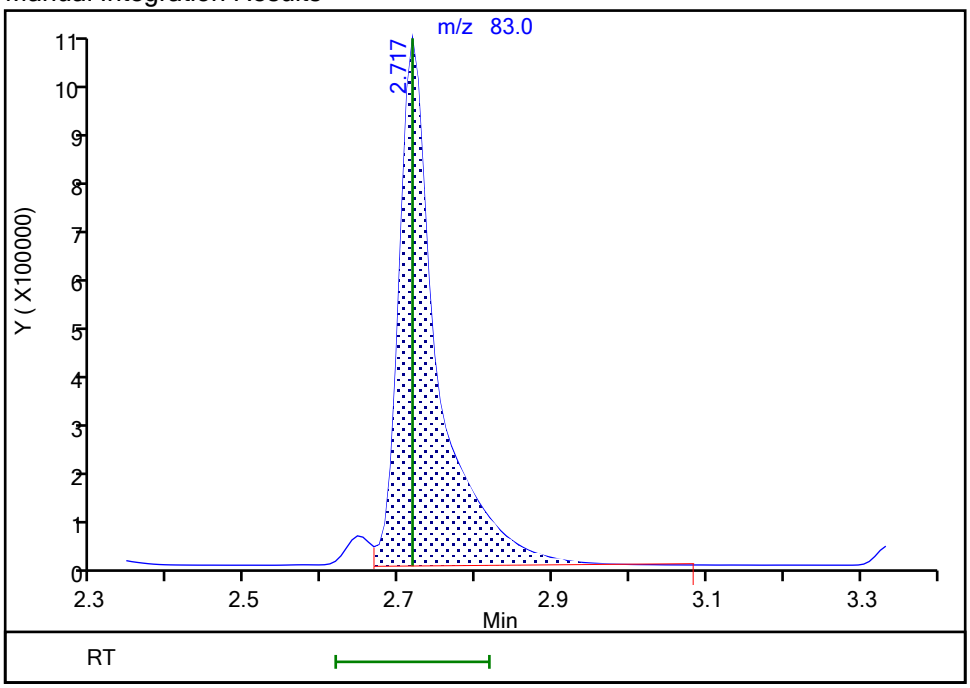
Processing Integration Results

RT: 2.65
Area: 129533
Amount: 19.549665
Amount Units: ug/l




Manual Integration Results

RT: 2.72
Area: 3634669
Amount: 466.3287
Amount Units: ug/l




Reviewer: N1JZ, 07-Feb-2025 07:52:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

## Calibration / Chlorotrifluoroethene

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

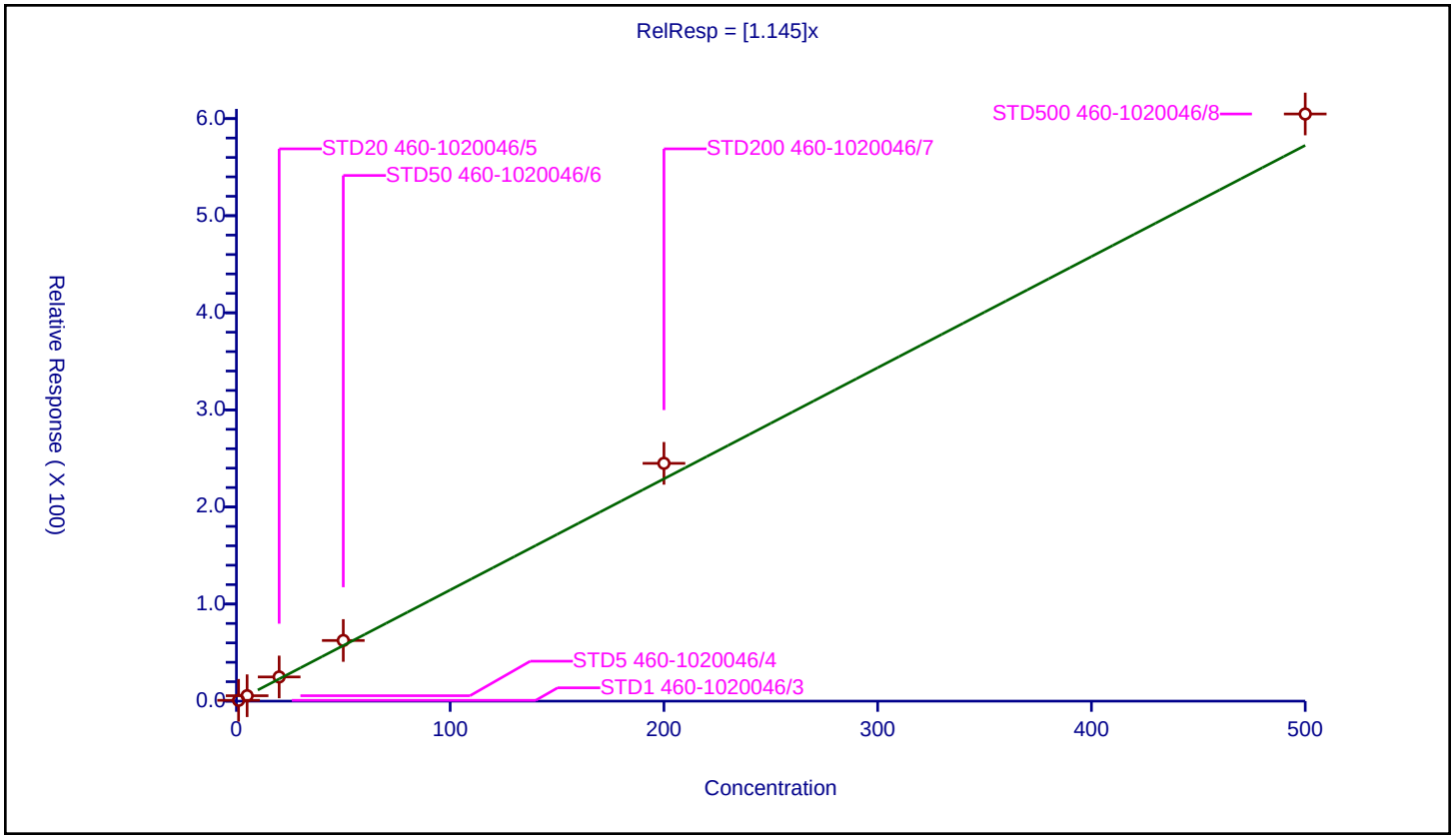
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.145 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.823151 | 250.0 | 296422.0 | 0.823151 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.578612 | 250.0 | 289140.0 | 1.115722 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 24.925052 | 250.0 | 303209.0 | 1.246253 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 62.476753 | 250.0 | 301120.0 | 1.249535 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 244.942694 | 250.0 | 342722.0 | 1.224713 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 604.749181 | 250.0 | 352745.0 | 1.209498 | Y |



## Calibration / Dichlorodifluoromethane

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

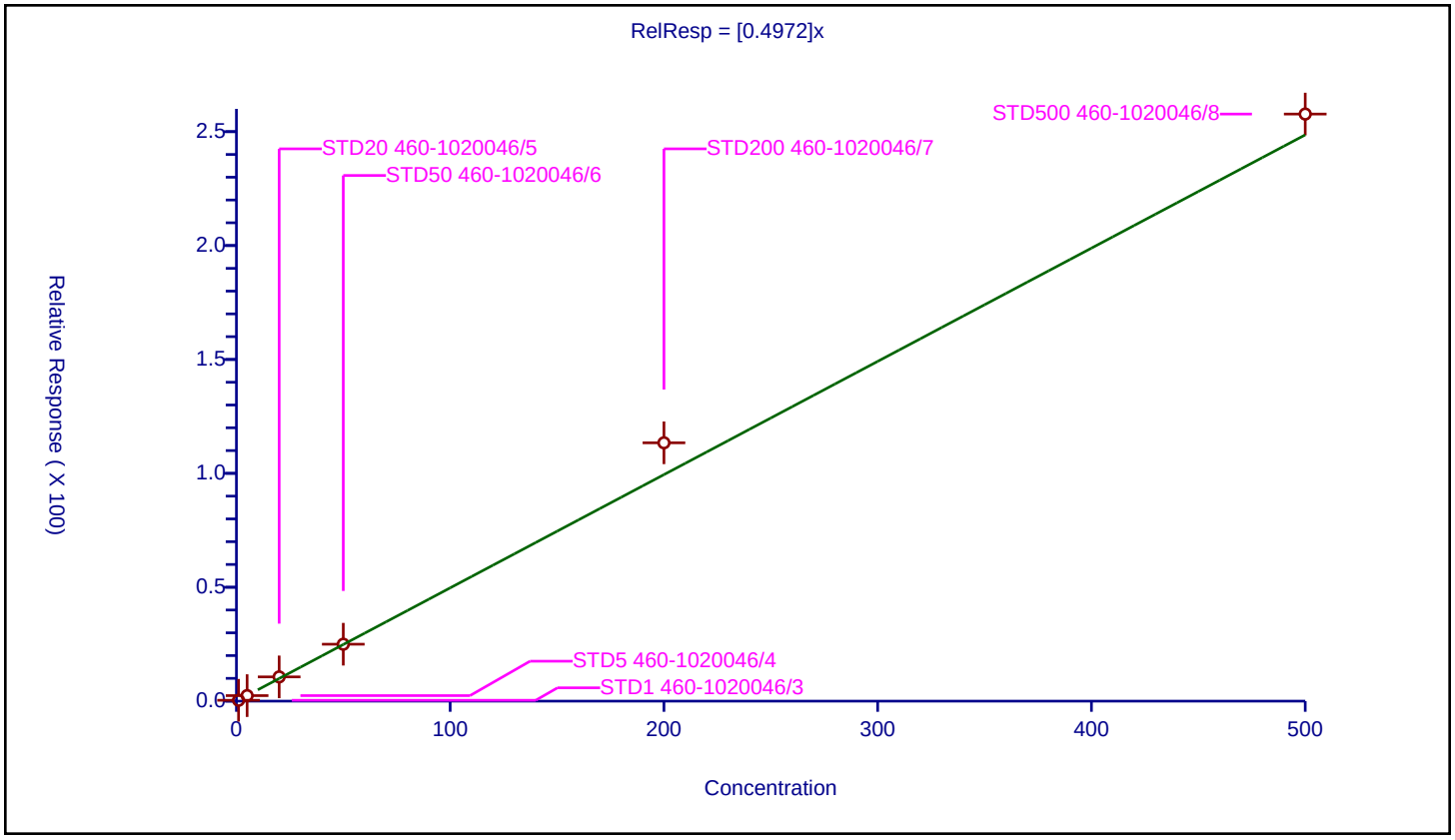
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4972 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.383706 | 50.0 | 598375.0 | 0.383706 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.422489 | 50.0 | 598496.0 | 0.484498 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 10.651202 | 50.0 | 621850.0 | 0.53256 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 24.991313 | 50.0 | 635983.0 | 0.499826 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 113.408384 | 50.0 | 752917.0 | 0.567042 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 257.735329 | 50.0 | 886950.0 | 0.515471 | Y |



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## Calibration / Chlorodifluoromethane

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

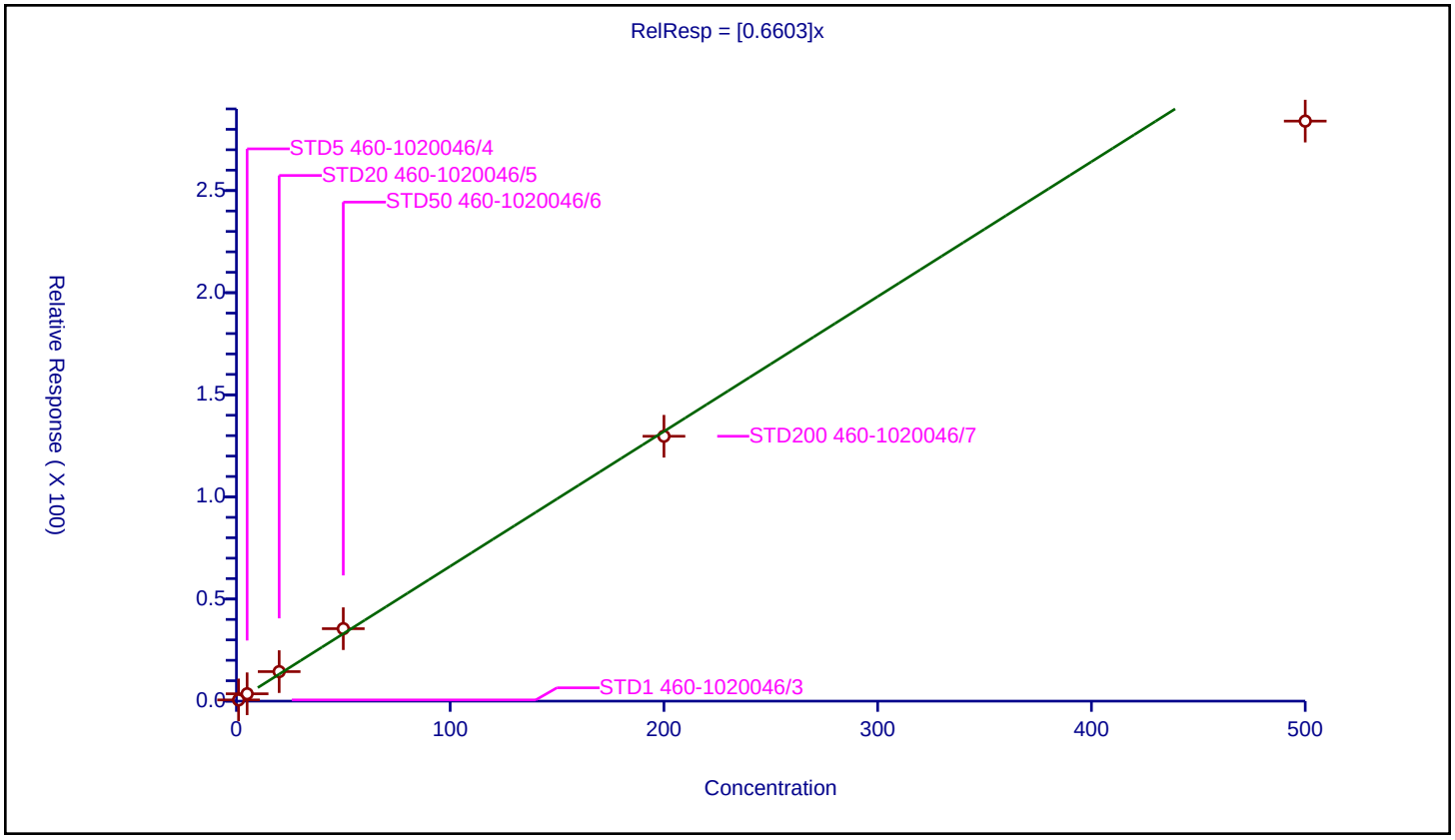
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6603 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.592772 | 50.0 | 598375.0 | 0.592772 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.602196 | 50.0 | 598496.0 | 0.720439 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 14.452923 | 50.0 | 621850.0 | 0.722646 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 35.48381 | 50.0 | 635983.0 | 0.709676 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 129.700883 | 50.0 | 752917.0 | 0.648504 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 284.025086 | 50.0 | 886950.0 | 0.56805 | Y |



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## Calibration / Chloromethane

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

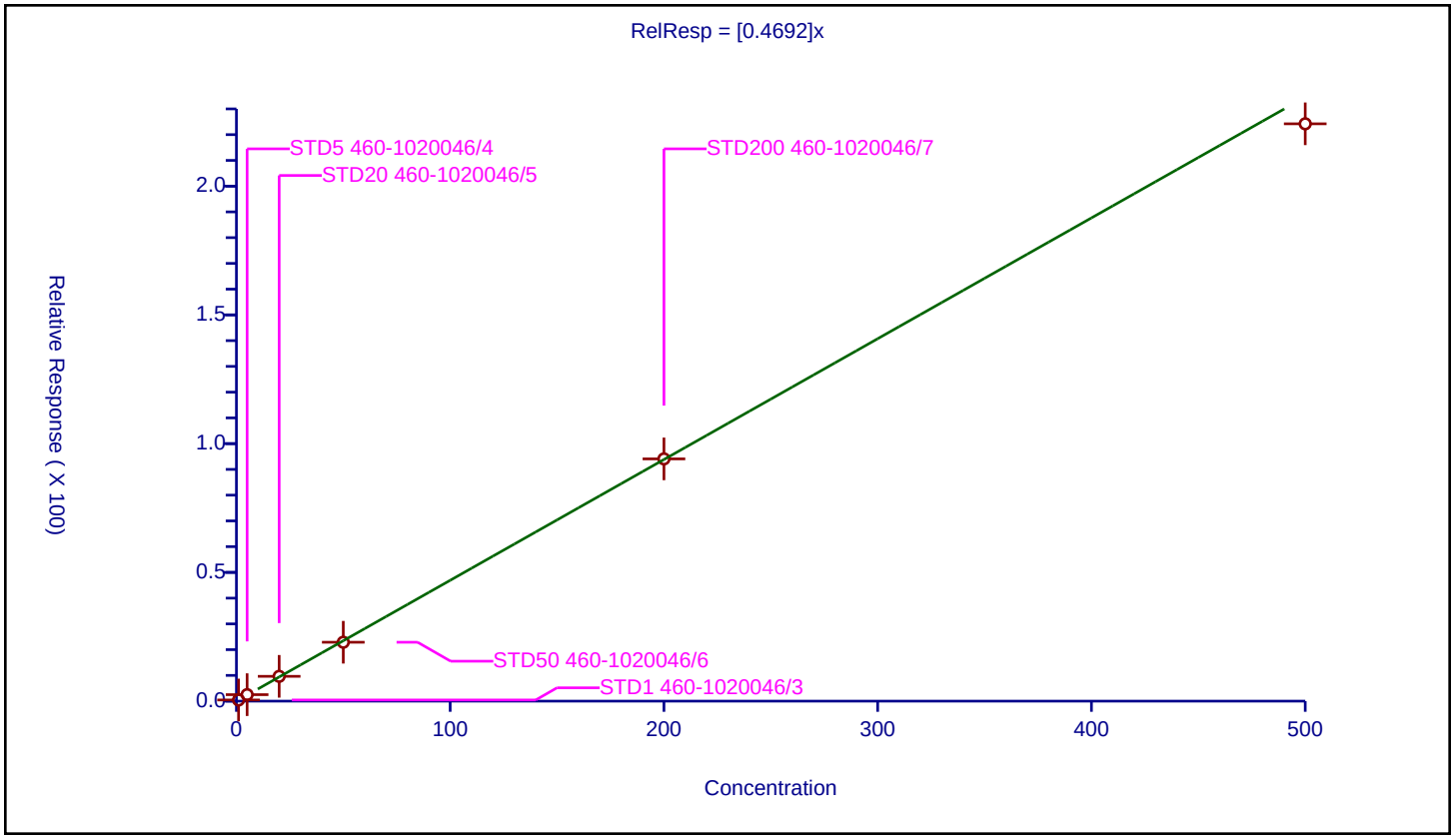
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4692 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.452141 | 50.0 | 598375.0 | 0.452141 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.523075 | 50.0 | 598496.0 | 0.504615 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 9.635925 | 50.0 | 621850.0 | 0.481796 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 22.878284 | 50.0 | 635983.0 | 0.457566 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 94.080954 | 50.0 | 752917.0 | 0.470405 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 224.210215 | 50.0 | 886950.0 | 0.44842 | Y |



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## Calibration / Vinyl chloride

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

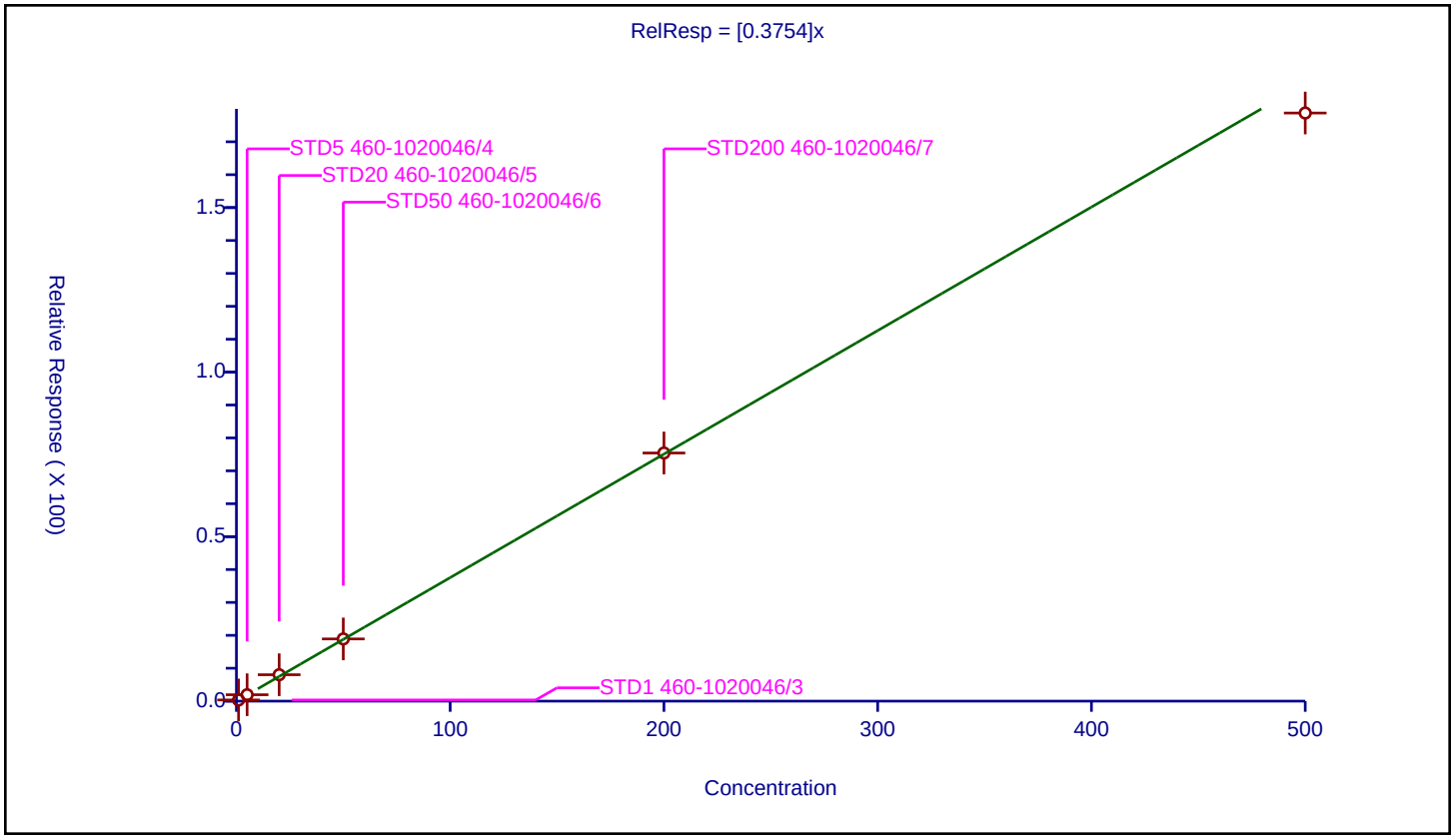
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3754 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.349948 | 50.0 | 598375.0 | 0.349948 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.942703 | 50.0 | 598496.0 | 0.388541 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 8.025167 | 50.0 | 621850.0 | 0.401258 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 18.904986 | 50.0 | 635983.0 | 0.3781 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 75.41907 | 50.0 | 752917.0 | 0.377095 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 178.741755 | 50.0 | 886950.0 | 0.357484 | Y |



## Calibration / Butadiene

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

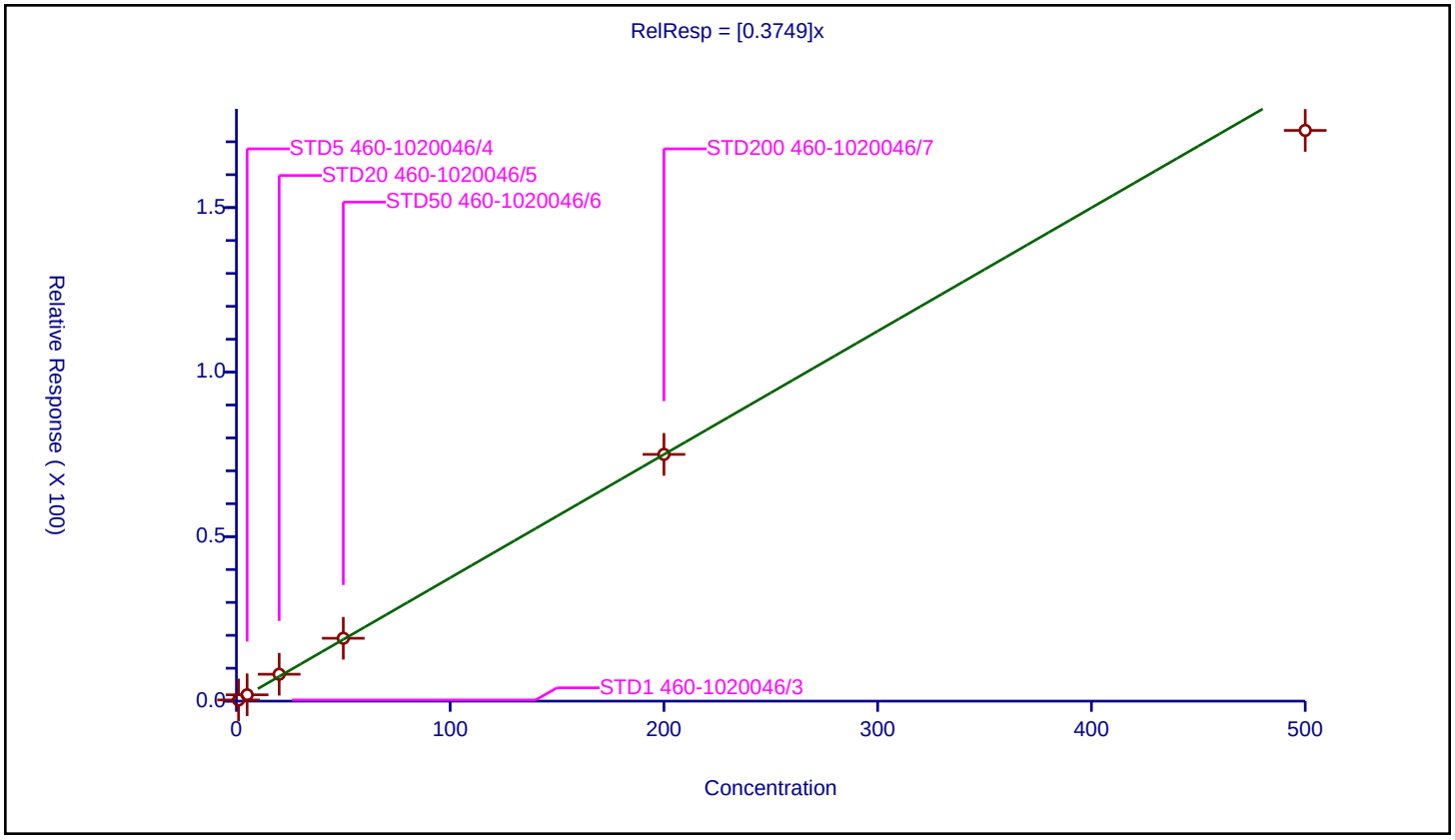
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3749 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.35187 | 50.0 | 598375.0 | 0.35187 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.92307 | 50.0 | 598496.0 | 0.384614 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 8.172469 | 50.0 | 621850.0 | 0.408623 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 19.111124 | 50.0 | 635983.0 | 0.382222 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 74.994986 | 50.0 | 752917.0 | 0.374975 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 173.461638 | 50.0 | 886950.0 | 0.346923 | Y |



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## Calibration / Bromomethane

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

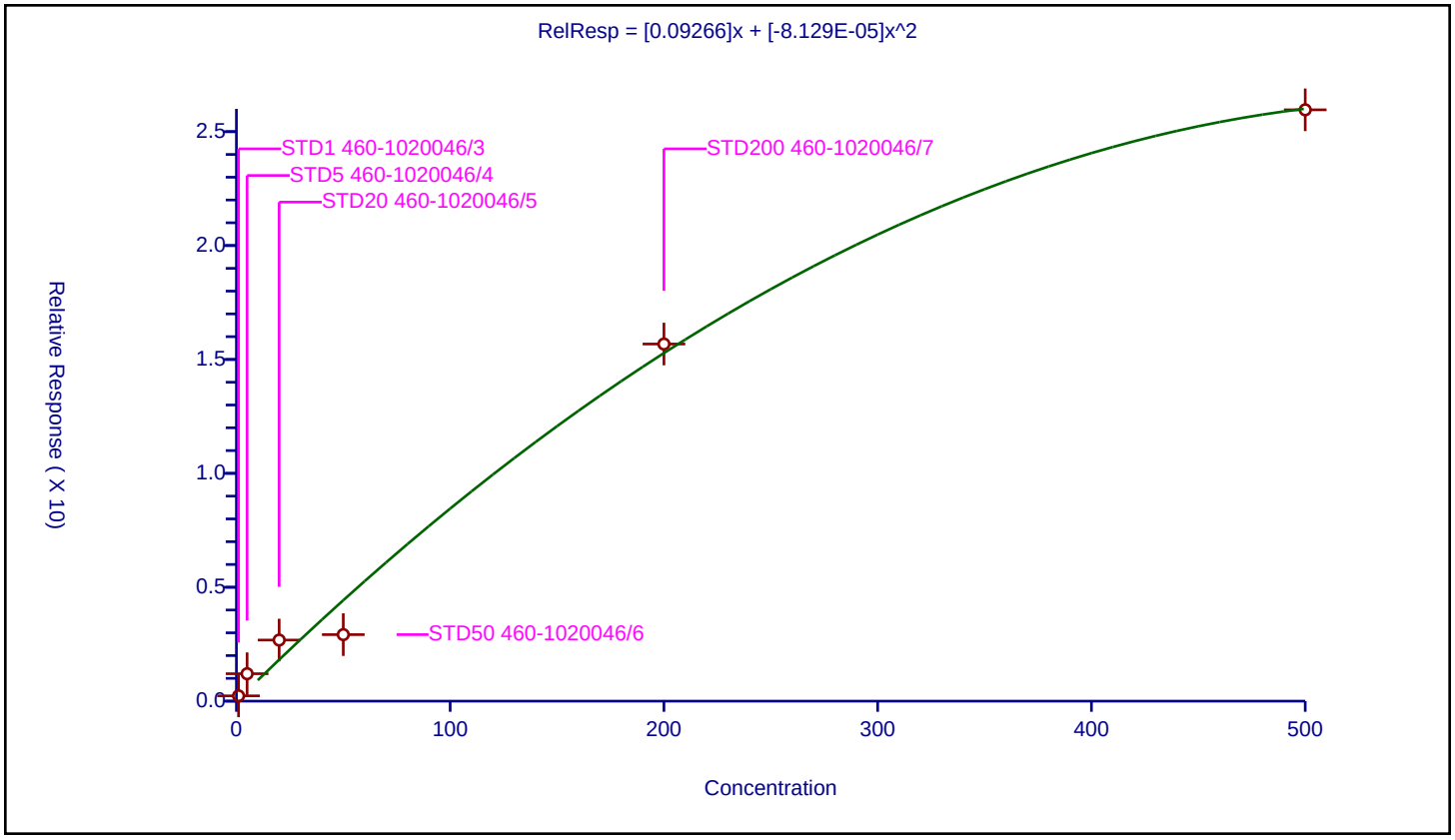
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09266 |
| **Second Order:** | -8.129E-05 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 115.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.232129 | 50.0 | 598375.0 | 0.232129 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.203935 | 50.0 | 598496.0 | 0.240787 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 2.681997 | 50.0 | 621850.0 | 0.1341 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 2.920754 | 50.0 | 635983.0 | 0.058415 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 15.677425 | 50.0 | 752917.0 | 0.078387 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 25.958679 | 50.0 | 886950.0 | 0.051917 | Y |



## Calibration / Chloroethane

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

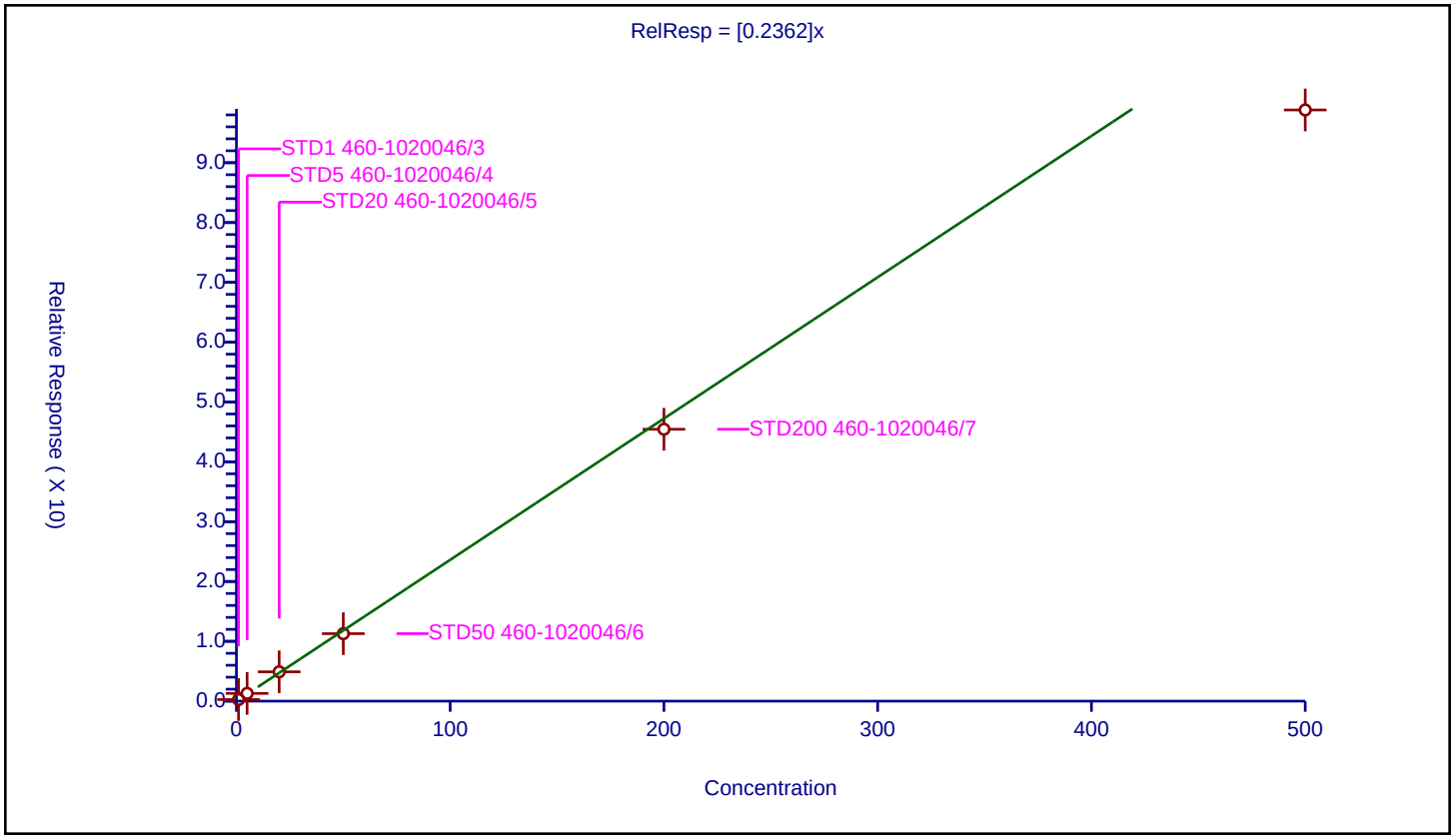
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.262795 | 50.0 | 598375.0 | 0.262795 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.293409 | 50.0 | 598496.0 | 0.258682 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 4.904559 | 50.0 | 621850.0 | 0.245228 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 11.277974 | 50.0 | 635983.0 | 0.225559 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 45.451225 | 50.0 | 752917.0 | 0.227256 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 98.822989 | 50.0 | 886950.0 | 0.197646 | Y |



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## Calibration / Trichlorofluoromethane

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

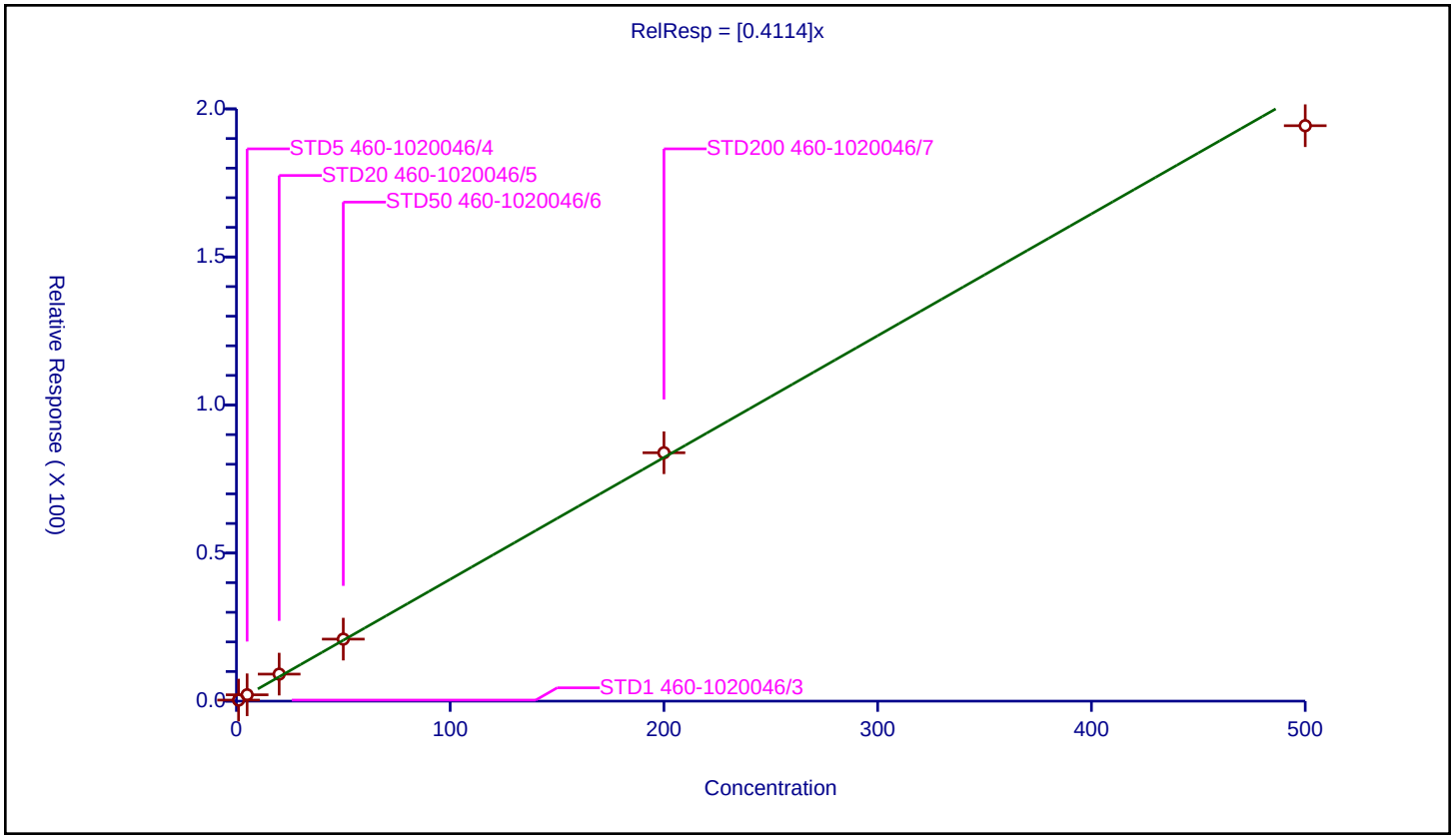
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4114 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.355964 | 50.0 | 598375.0 | 0.355964 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.145294 | 50.0 | 598496.0 | 0.429059 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 9.122538 | 50.0 | 621850.0 | 0.456127 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 20.947415 | 50.0 | 635983.0 | 0.418948 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 83.886205 | 50.0 | 752917.0 | 0.419431 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 194.325948 | 50.0 | 886950.0 | 0.388652 | Y |



## Calibration / Dichlorofluoromethane

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

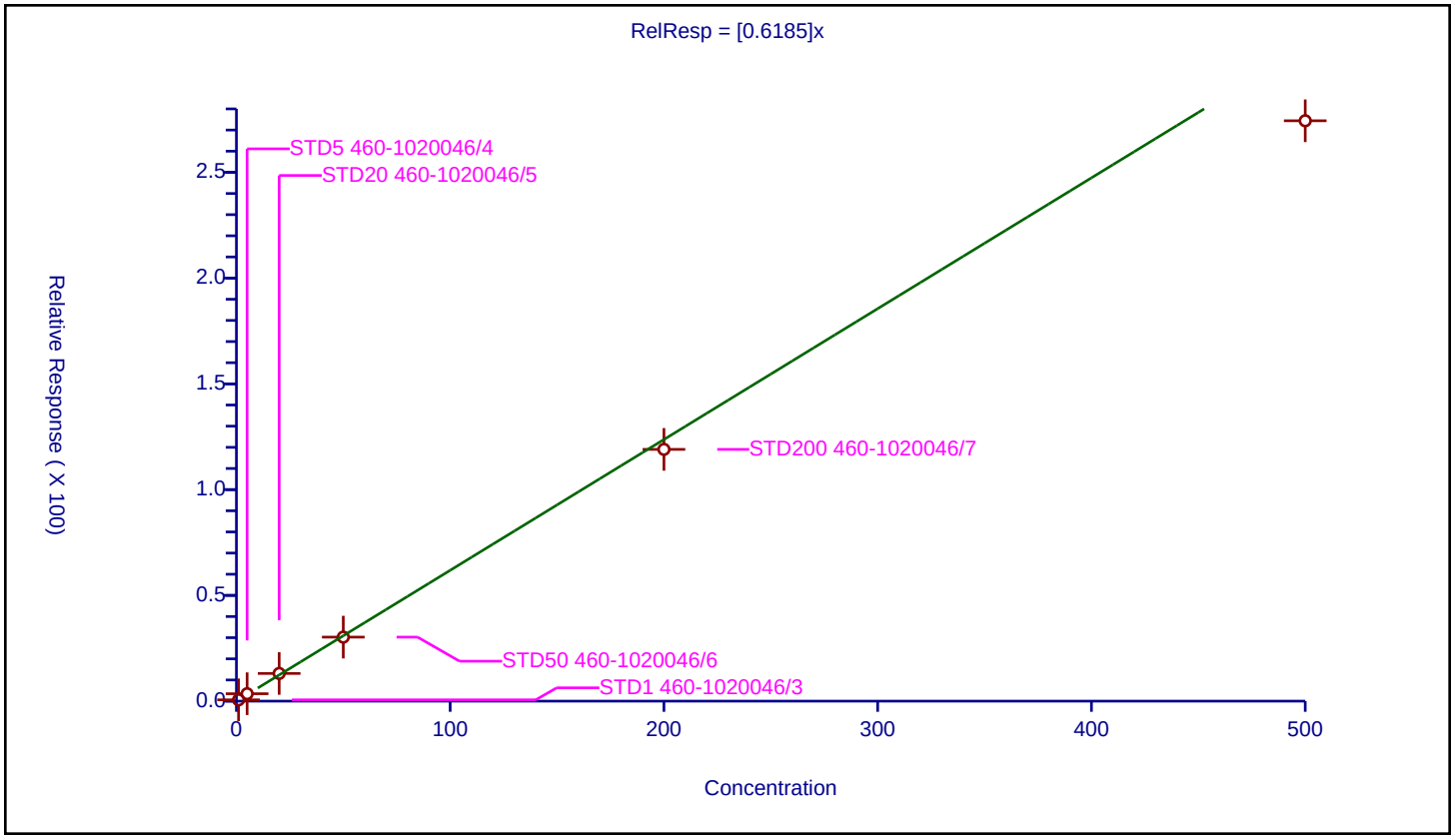
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.60681 | 50.0 | 598375.0 | 0.60681 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.504535 | 50.0 | 598496.0 | 0.700907 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 13.084988 | 50.0 | 621850.0 | 0.654249 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 30.258513 | 50.0 | 635983.0 | 0.60517 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 119.019095 | 50.0 | 752917.0 | 0.595095 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 274.379052 | 50.0 | 886950.0 | 0.548758 | Y |



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## Calibration / Pentane

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

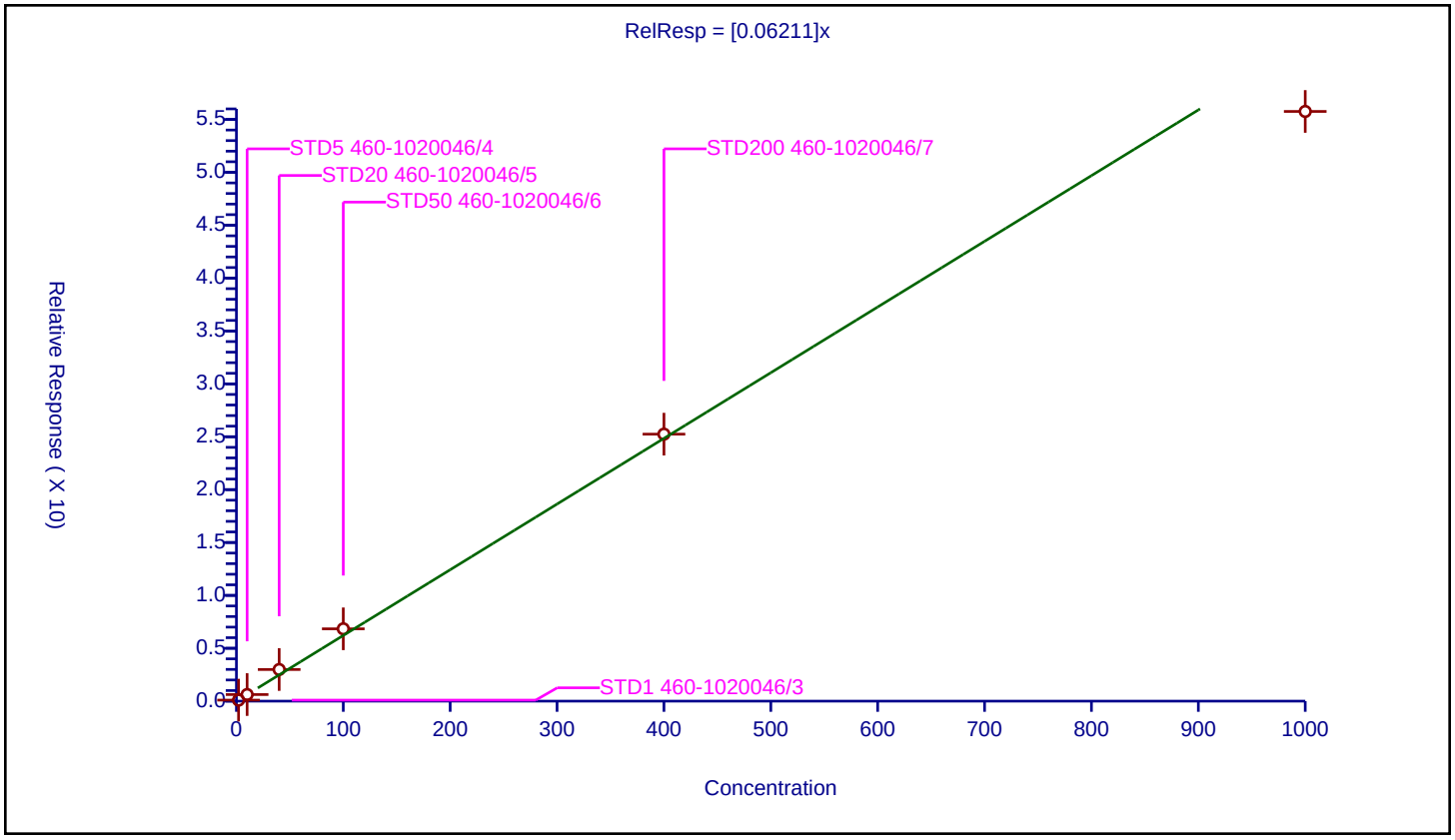
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06211 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 0.096595 | 50.0 | 598375.0 | 0.048297 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 0.62373 | 50.0 | 598496.0 | 0.062373 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 2.99011 | 50.0 | 621850.0 | 0.074753 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 6.83784 | 50.0 | 635983.0 | 0.068378 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 25.245279 | 50.0 | 752917.0 | 0.063113 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 55.757709 | 50.0 | 886950.0 | 0.055758 | Y |



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## Calibration / Ethanol

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

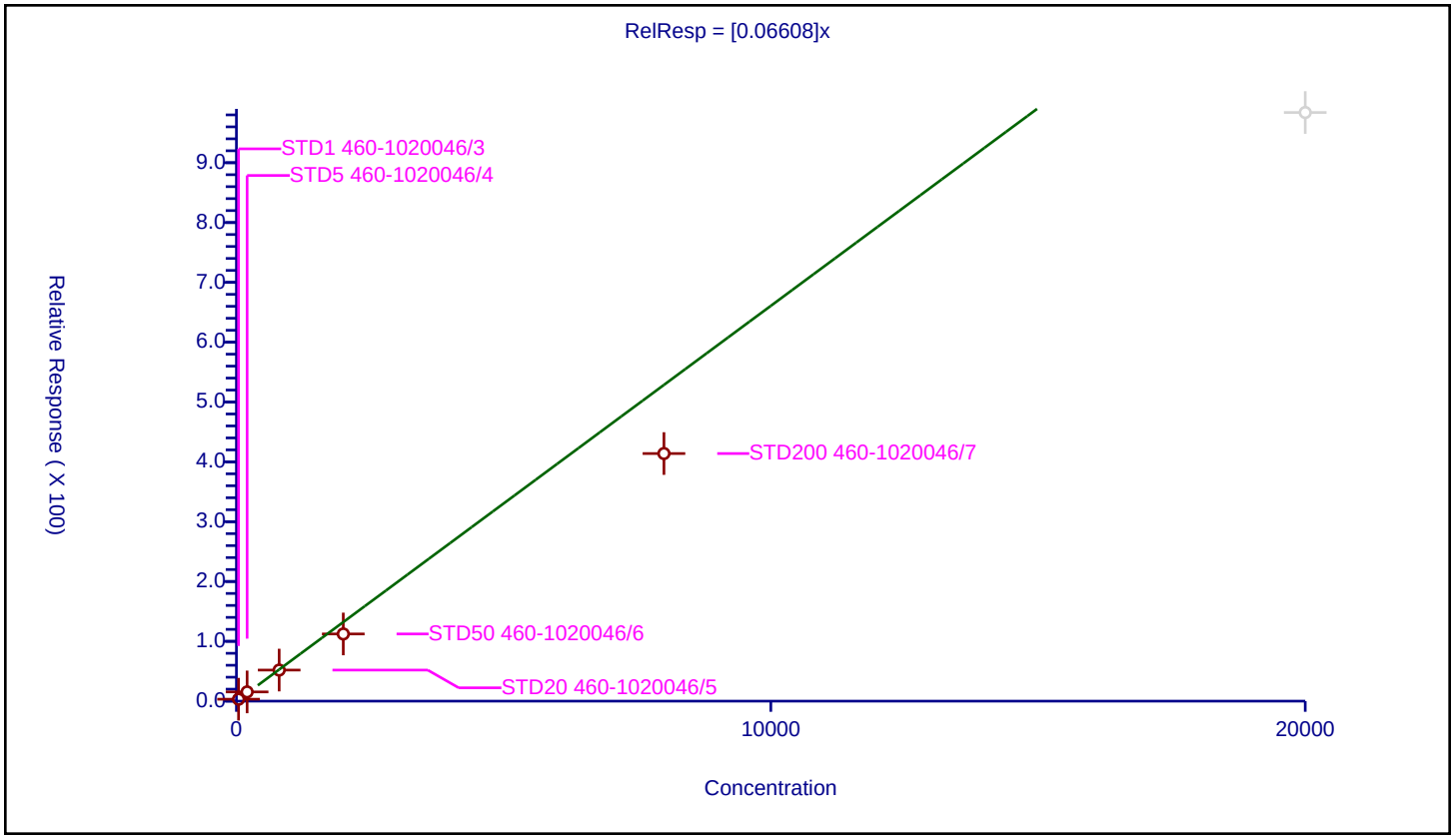
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06608 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 40.0 | 3.219978 | 1000.0 | 307145.0 | 0.080499 | Y |
| 2 | STD5 460-1020046/4 | 200.0 | 15.415261 | 1000.0 | 299703.0 | 0.077076 | Y |
| 3 | STD20 460-1020046/5 | 800.0 | 51.935912 | 1000.0 | 313444.0 | 0.06492 | Y |
| 4 | STD50 460-1020046/6 | 2000.0 | 112.308715 | 1000.0 | 305239.0 | 0.056154 | Y |
| 5 | STD200 460-1020046/7 | 8000.0 | 413.912468 | 1000.0 | 353309.0 | 0.051739 | Y |
| 6 | STD500 460-1020046/8 | 20000.0 | 983.957765 | 1000.0 | 381867.0 | 0.049198 | N |



## Calibration / Ethyl ether

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

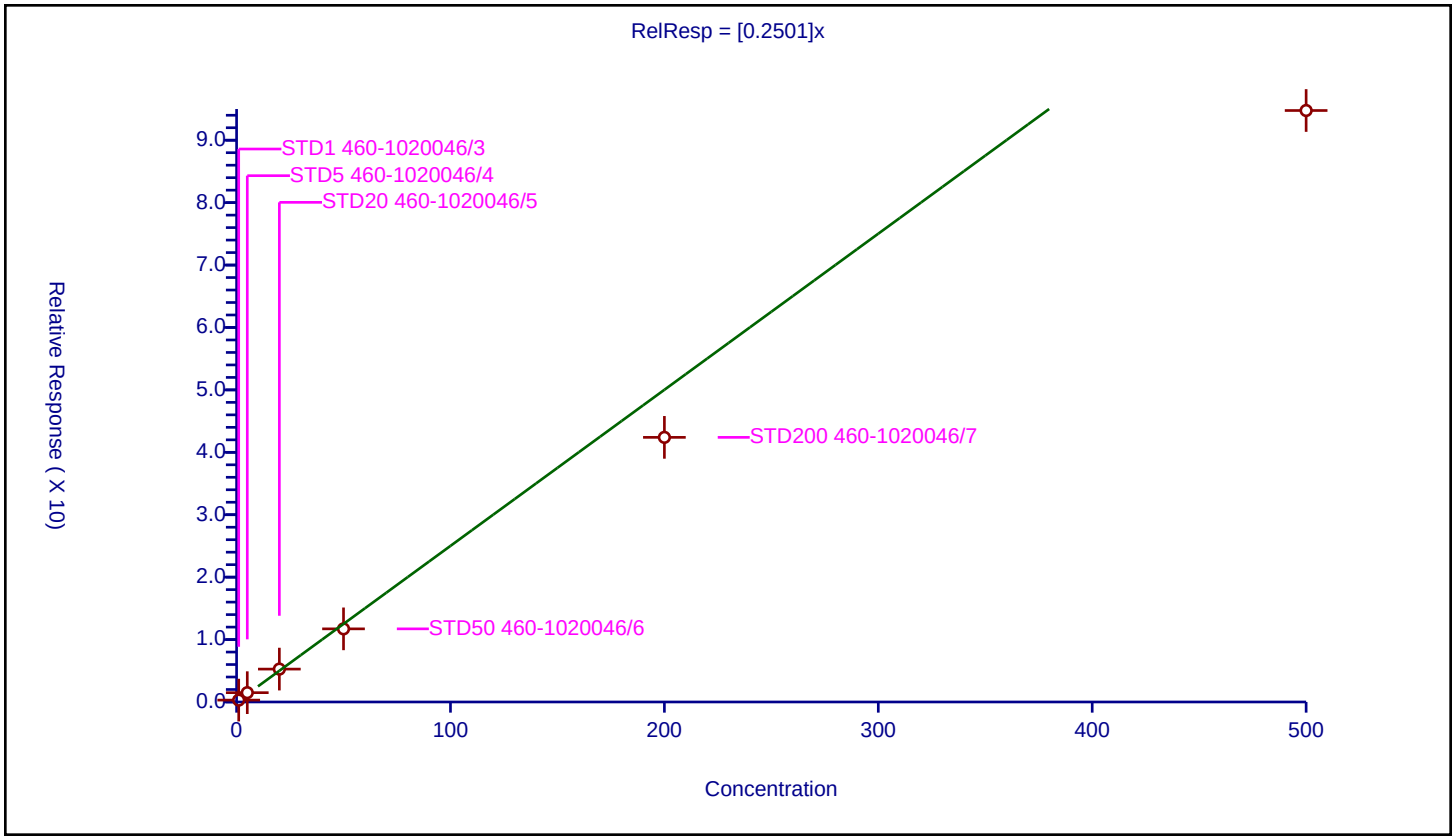
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2501 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.302987 | 50.0 | 598375.0 | 0.302987 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.491405 | 50.0 | 598496.0 | 0.298281 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 5.268714 | 50.0 | 621850.0 | 0.263436 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 11.717452 | 50.0 | 635983.0 | 0.234349 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 42.394381 | 50.0 | 752917.0 | 0.211972 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 94.758611 | 50.0 | 886950.0 | 0.189517 | Y |



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## Calibration / 2-Methyl-1,3-butadiene

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

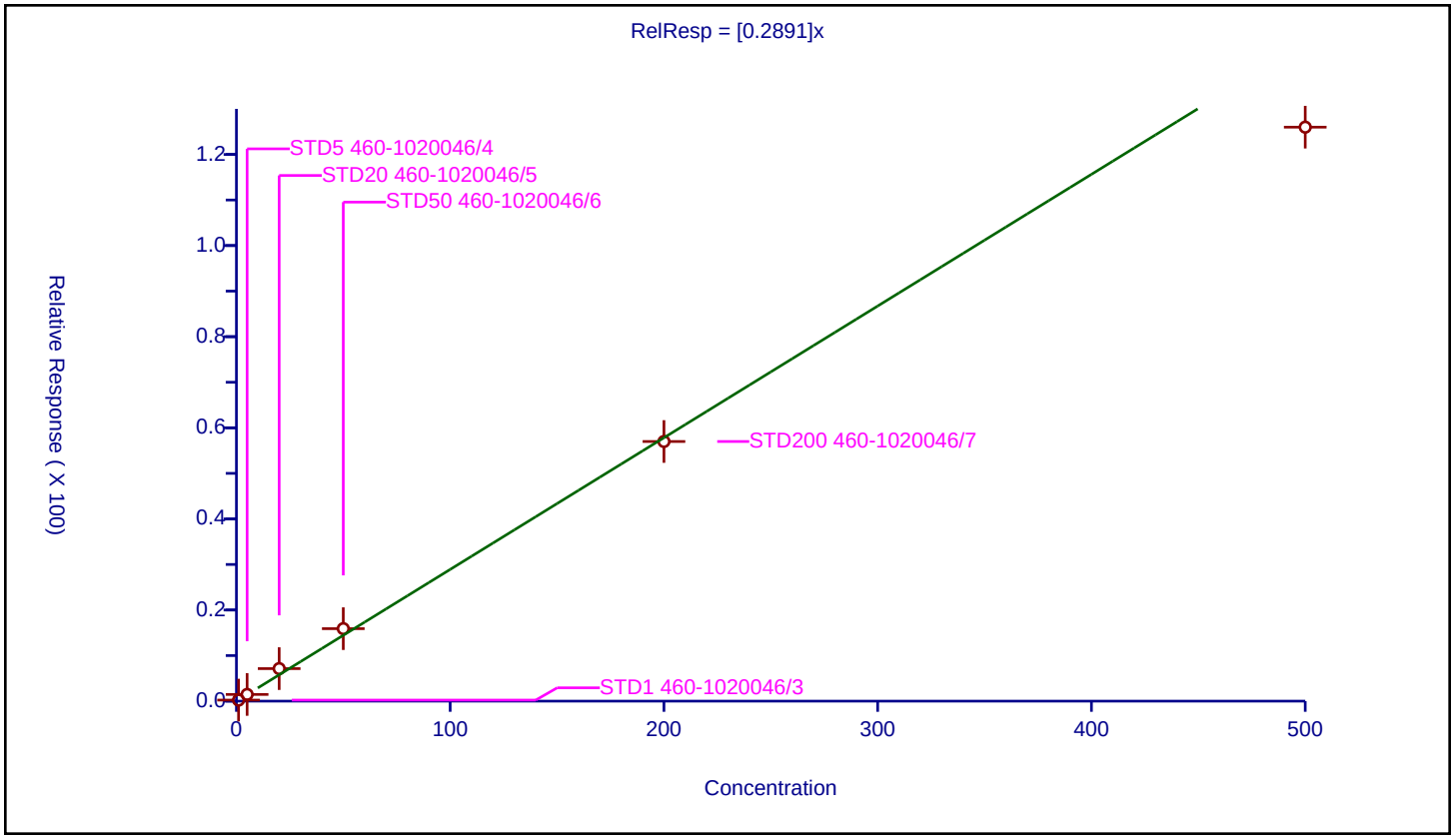
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2891 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.228201 | 50.0 | 598375.0 | 0.228201 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.470603 | 50.0 | 598496.0 | 0.294121 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.141513 | 50.0 | 621850.0 | 0.357076 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.910645 | 50.0 | 635983.0 | 0.318213 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 56.990478 | 50.0 | 752917.0 | 0.284952 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 125.987429 | 50.0 | 886950.0 | 0.251975 | Y |



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## Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

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

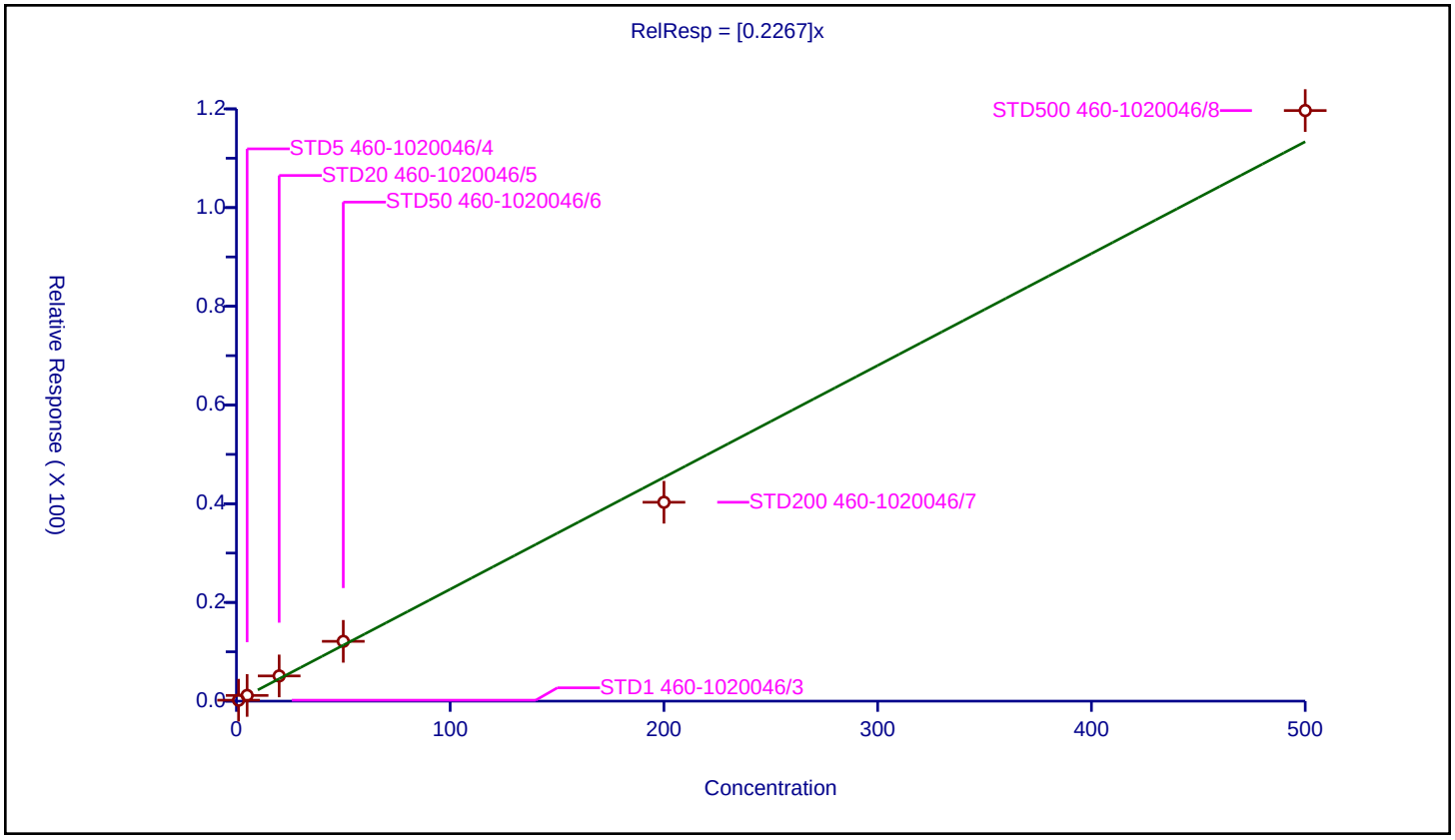
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2267 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.190015 | 50.0 | 598375.0 | 0.190015 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.158237 | 50.0 | 598496.0 | 0.231647 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 5.108467 | 50.0 | 621850.0 | 0.255423 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 12.116597 | 50.0 | 635983.0 | 0.242332 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 40.29747 | 50.0 | 752917.0 | 0.201487 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 119.667118 | 50.0 | 886950.0 | 0.239334 | Y |



## Calibration / 1,1,1-Trifluoro-2,2-dichloroethane

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

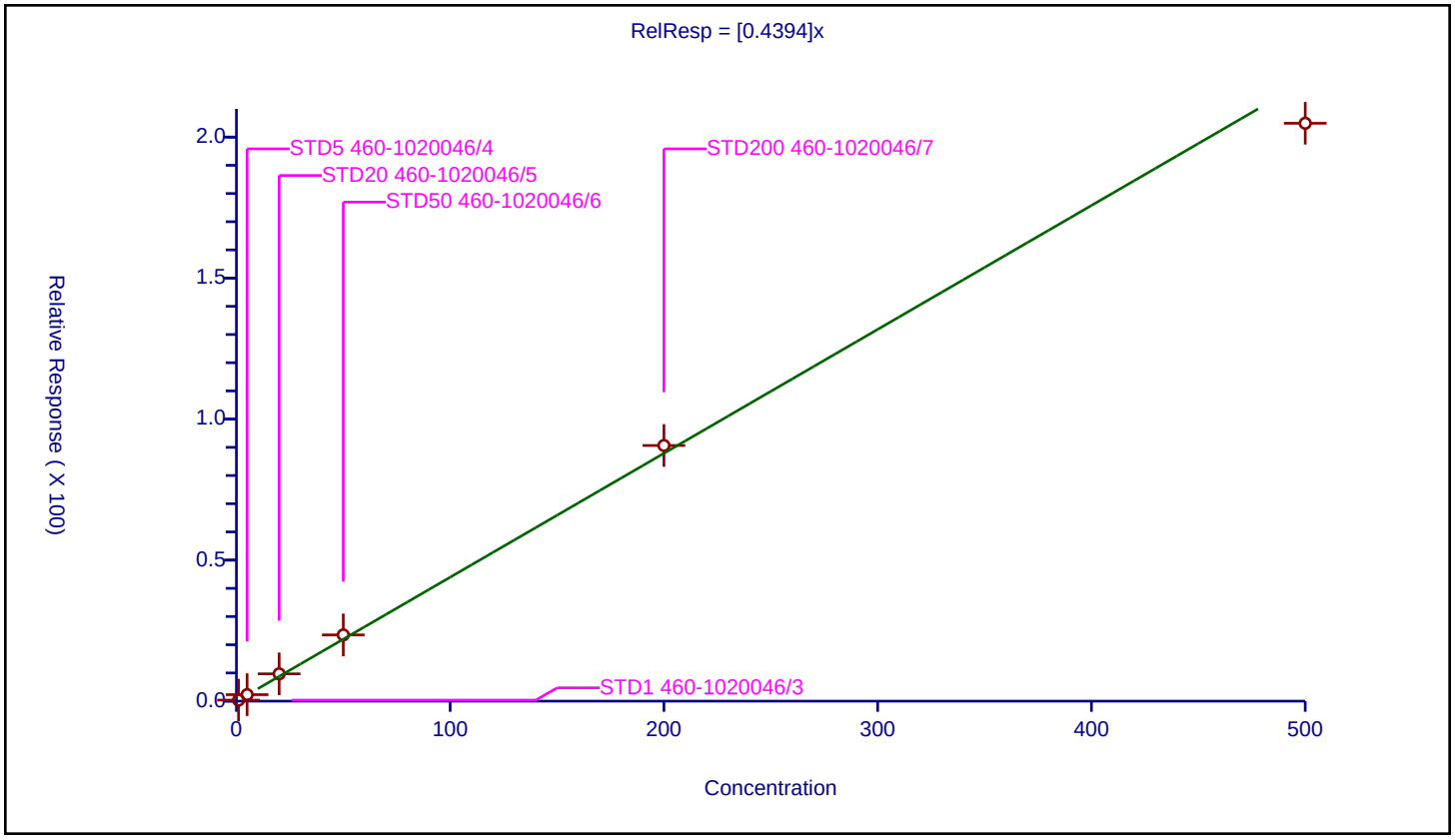
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4394 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.35939 | 50.0 | 598375.0 | 0.35939 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.299431 | 50.0 | 598496.0 | 0.459886 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 9.681354 | 50.0 | 621850.0 | 0.484068 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 23.495282 | 50.0 | 635983.0 | 0.469906 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 90.651294 | 50.0 | 752917.0 | 0.453256 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 204.897063 | 50.0 | 886950.0 | 0.409794 | Y |



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## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

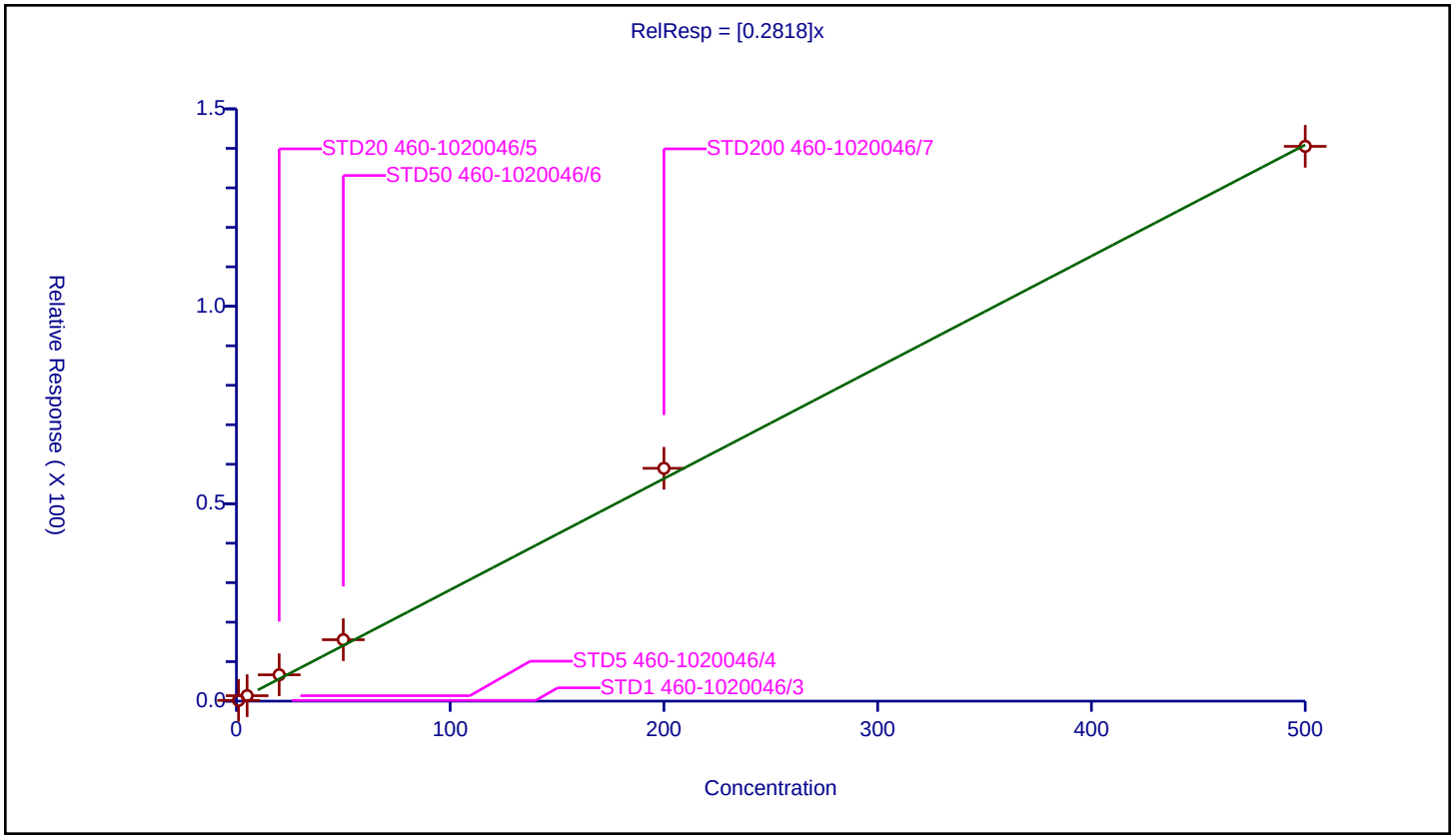
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2818 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.193942 | 50.0 | 598375.0 | 0.193942 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.381045 | 50.0 | 598496.0 | 0.276209 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.670017 | 50.0 | 621850.0 | 0.333501 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.560479 | 50.0 | 635983.0 | 0.31121 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 58.973101 | 50.0 | 752917.0 | 0.294866 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 140.513445 | 50.0 | 886950.0 | 0.281027 | Y |



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## Calibration / Acrolein

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

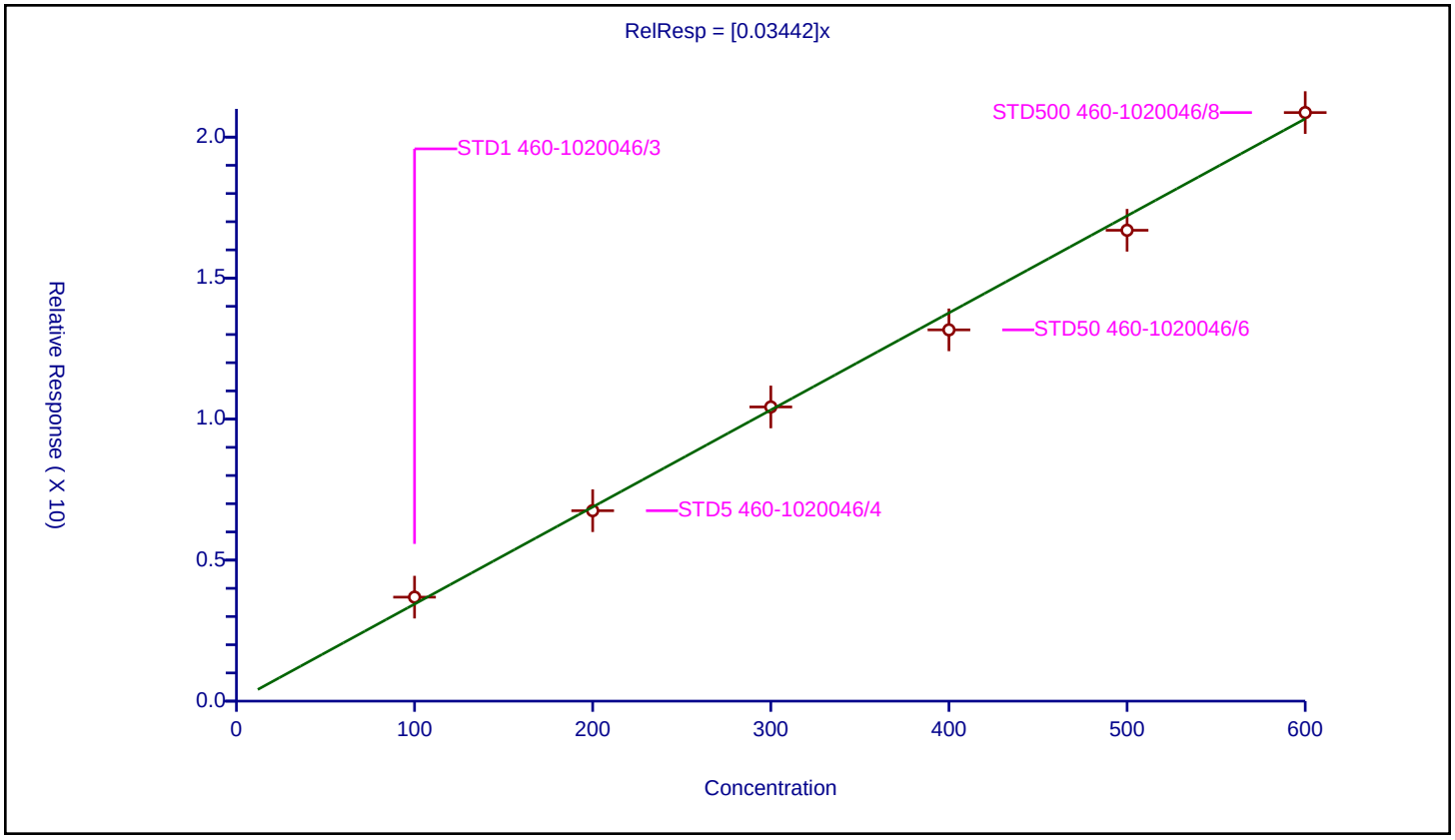
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03442 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 100.0 | 3.687487 | 50.0 | 598375.0 | 0.036875 | Y |
| 2 | STD5 460-1020046/4 | 200.0 | 6.75251 | 50.0 | 598496.0 | 0.033763 | Y |
| 3 | STD20 460-1020046/5 | 300.0 | 10.431535 | 50.0 | 621850.0 | 0.034772 | Y |
| 4 | STD50 460-1020046/6 | 400.0 | 13.165132 | 50.0 | 635983.0 | 0.032913 | Y |
| 5 | STD200 460-1020046/7 | 500.0 | 16.696063 | 50.0 | 752917.0 | 0.033392 | Y |
| 6 | STD500 460-1020046/8 | 600.0 | 20.869553 | 50.0 | 886950.0 | 0.034783 | Y |



## Calibration / 1,1-Dichloroethene

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

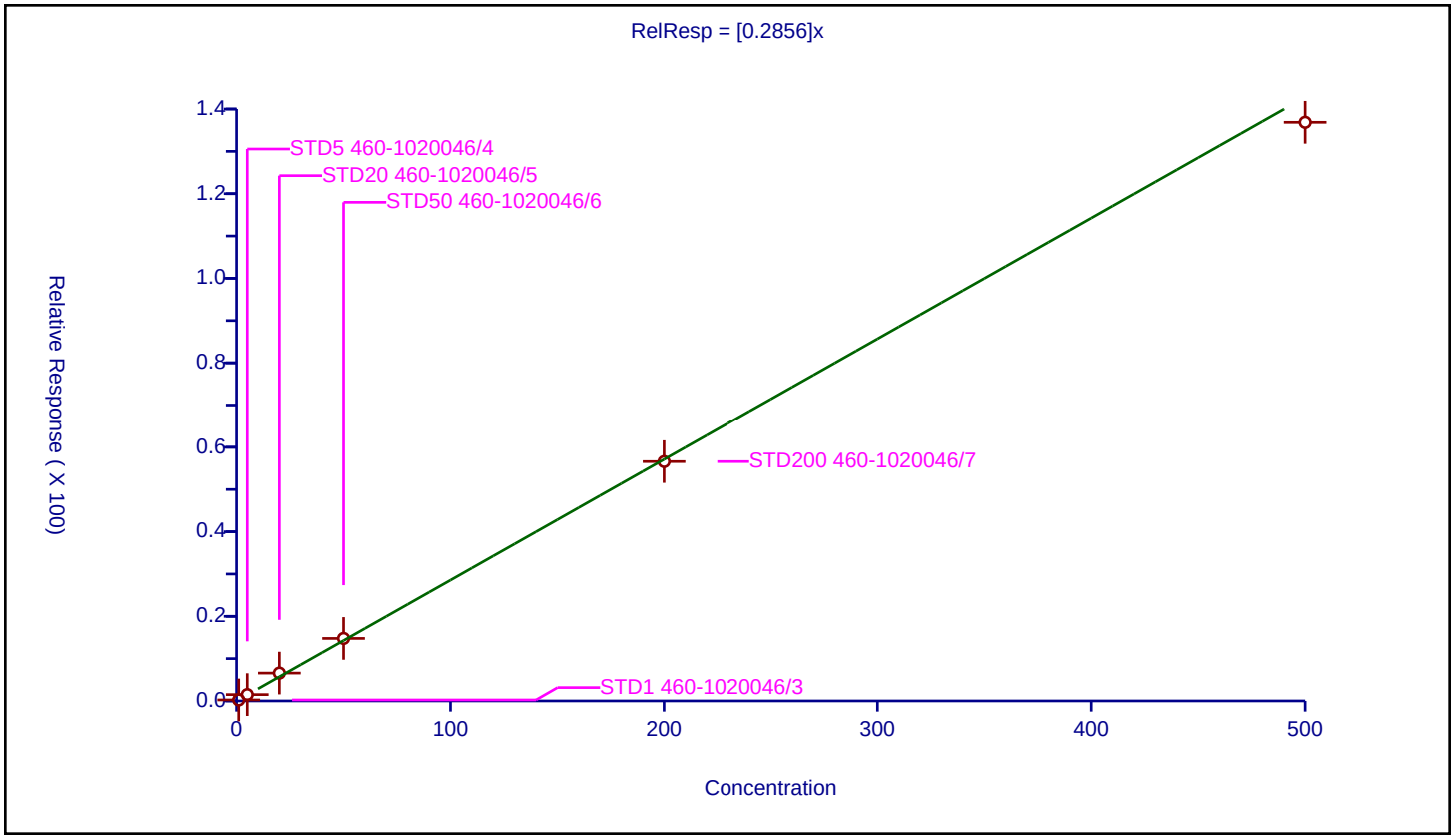
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2856 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.233299 | 50.0 | 598375.0 | 0.233299 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.494329 | 50.0 | 598496.0 | 0.298866 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.580847 | 50.0 | 621850.0 | 0.329042 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 14.775238 | 50.0 | 635983.0 | 0.295505 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 56.604181 | 50.0 | 752917.0 | 0.283021 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 136.867242 | 50.0 | 886950.0 | 0.273734 | Y |



## Calibration / Acetone

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

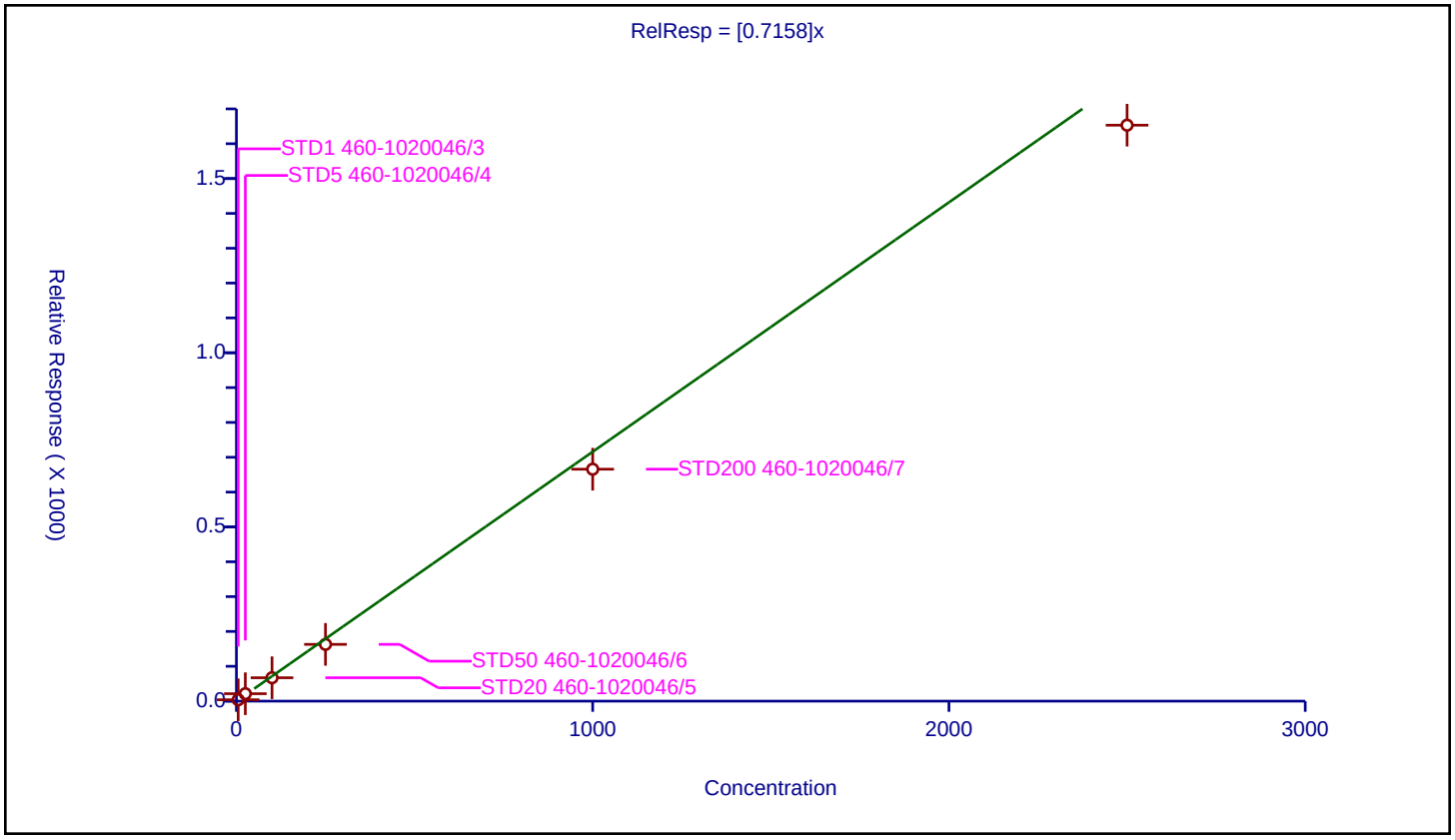
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7158 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 5.0 | 3.944545 | 250.0 | 296422.0 | 0.788909 | Y |
| 2 | STD5 460-1020046/4 | 25.0 | 21.386698 | 250.0 | 289140.0 | 0.855468 | Y |
| 3 | STD20 460-1020046/5 | 100.0 | 67.187155 | 250.0 | 303209.0 | 0.671872 | Y |
| 4 | STD50 460-1020046/6 | 250.0 | 162.92508 | 250.0 | 301120.0 | 0.6517 | Y |
| 5 | STD200 460-1020046/7 | 1000.0 | 665.799832 | 250.0 | 342722.0 | 0.6658 | Y |
| 6 | STD500 460-1020046/8 | 2500.0 | 1653.240301 | 250.0 | 352745.0 | 0.661296 | Y |



## Calibration / Iodomethane

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

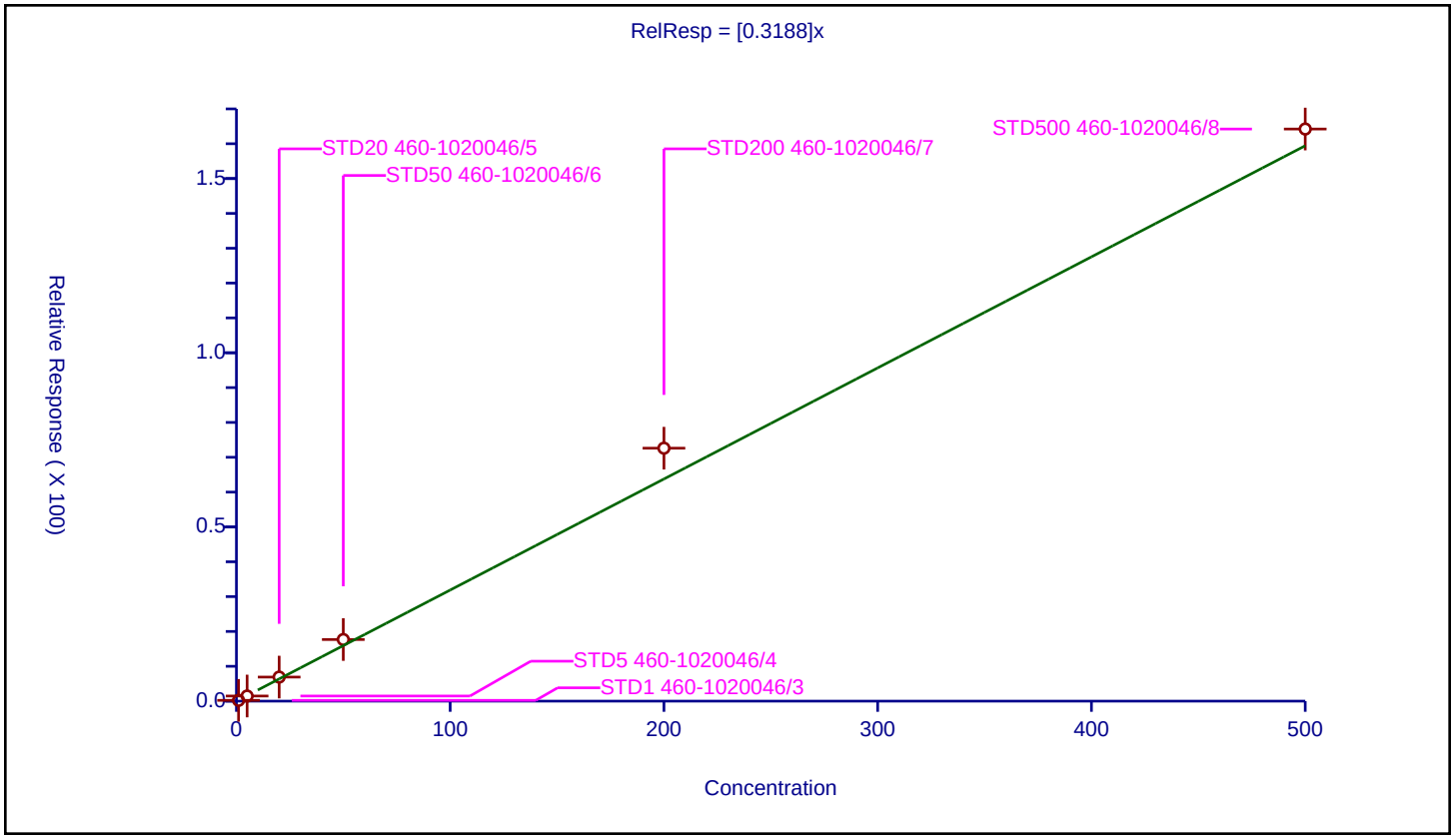
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3188 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.22887 | 50.0 | 598375.0 | 0.22887 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.46818 | 50.0 | 598496.0 | 0.293636 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.904157 | 50.0 | 621850.0 | 0.345208 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.689231 | 50.0 | 635983.0 | 0.353785 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 72.611058 | 50.0 | 752917.0 | 0.363055 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 164.221602 | 50.0 | 886950.0 | 0.328443 | Y |



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## Calibration / Carbon disulfide

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

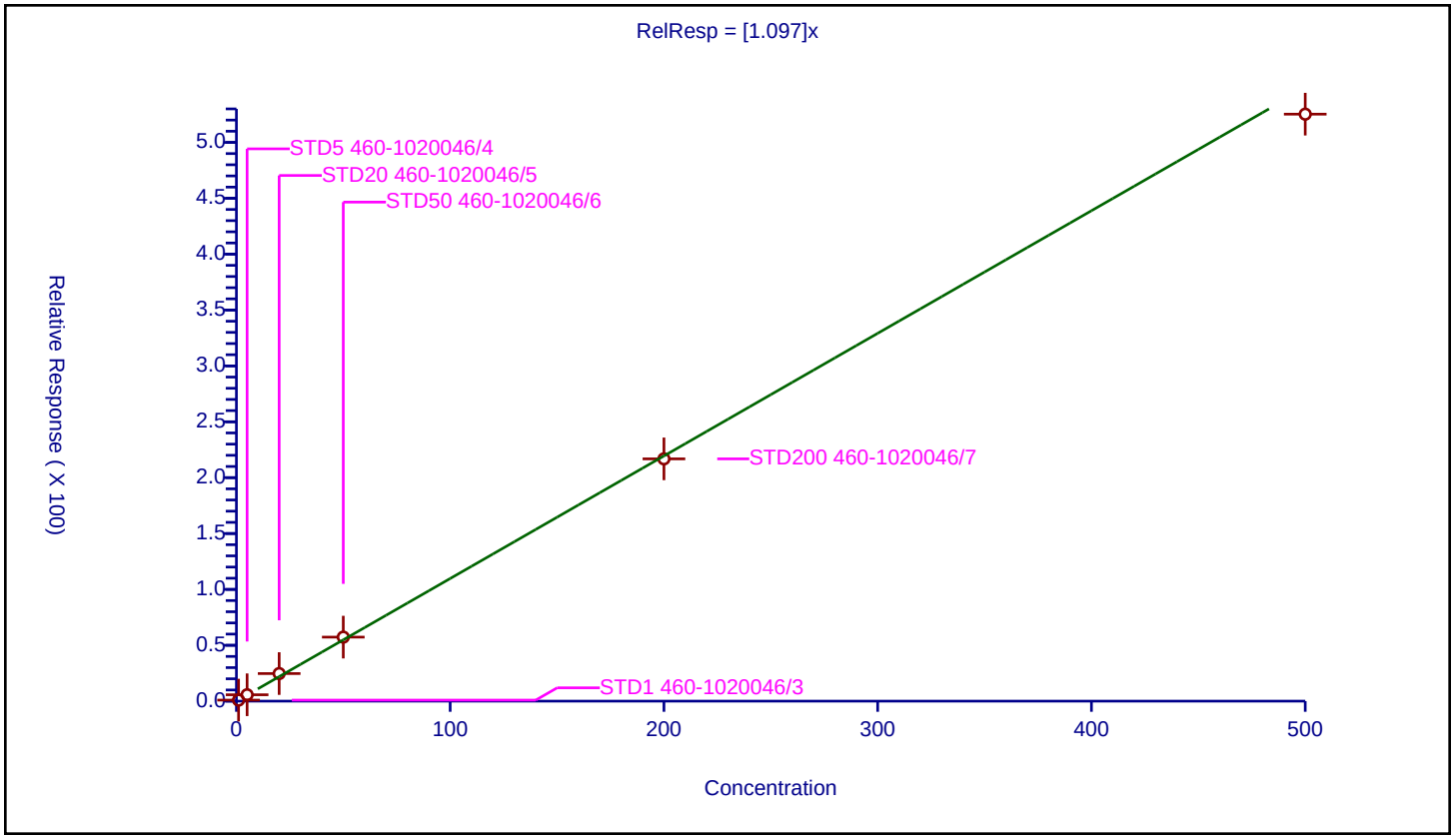
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.097 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.925674 | 50.0 | 598375.0 | 0.925674 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.71399 | 50.0 | 598496.0 | 1.142798 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 24.688269 | 50.0 | 621850.0 | 1.234413 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 57.278496 | 50.0 | 635983.0 | 1.14557 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 216.823568 | 50.0 | 752917.0 | 1.084118 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 525.274142 | 50.0 | 886950.0 | 1.050548 | Y |



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## Calibration / Isopropyl alcohol

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

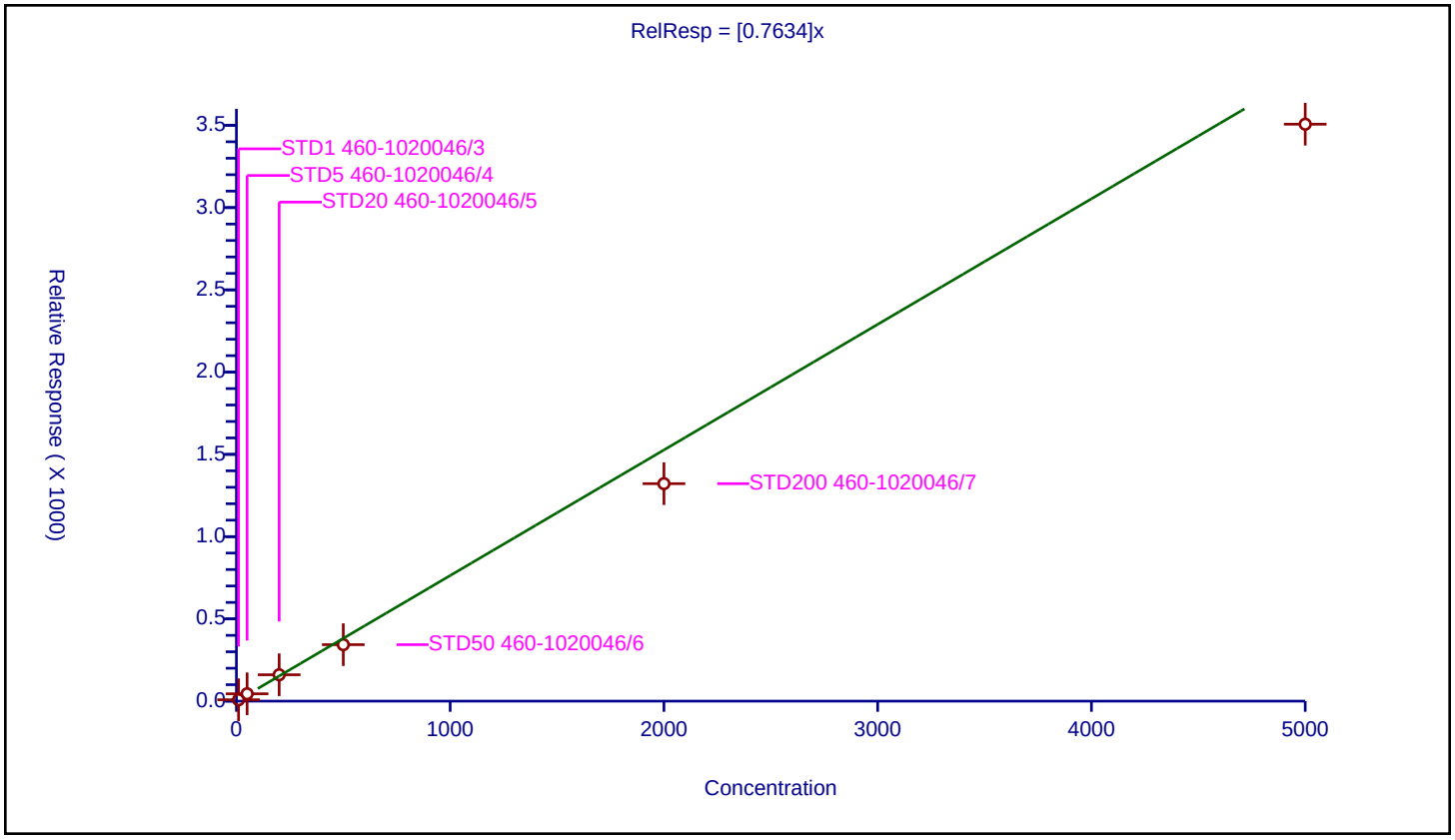
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7634 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 8.334826 | 1000.0 | 307145.0 | 0.833483 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 44.787673 | 1000.0 | 299703.0 | 0.895753 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 160.392287 | 1000.0 | 313444.0 | 0.801961 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 343.357173 | 1000.0 | 305239.0 | 0.686714 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 1321.953304 | 1000.0 | 353309.0 | 0.660977 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 3506.940898 | 1000.0 | 381867.0 | 0.701388 | Y |



## Calibration / 3-Chloro-1-propene

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

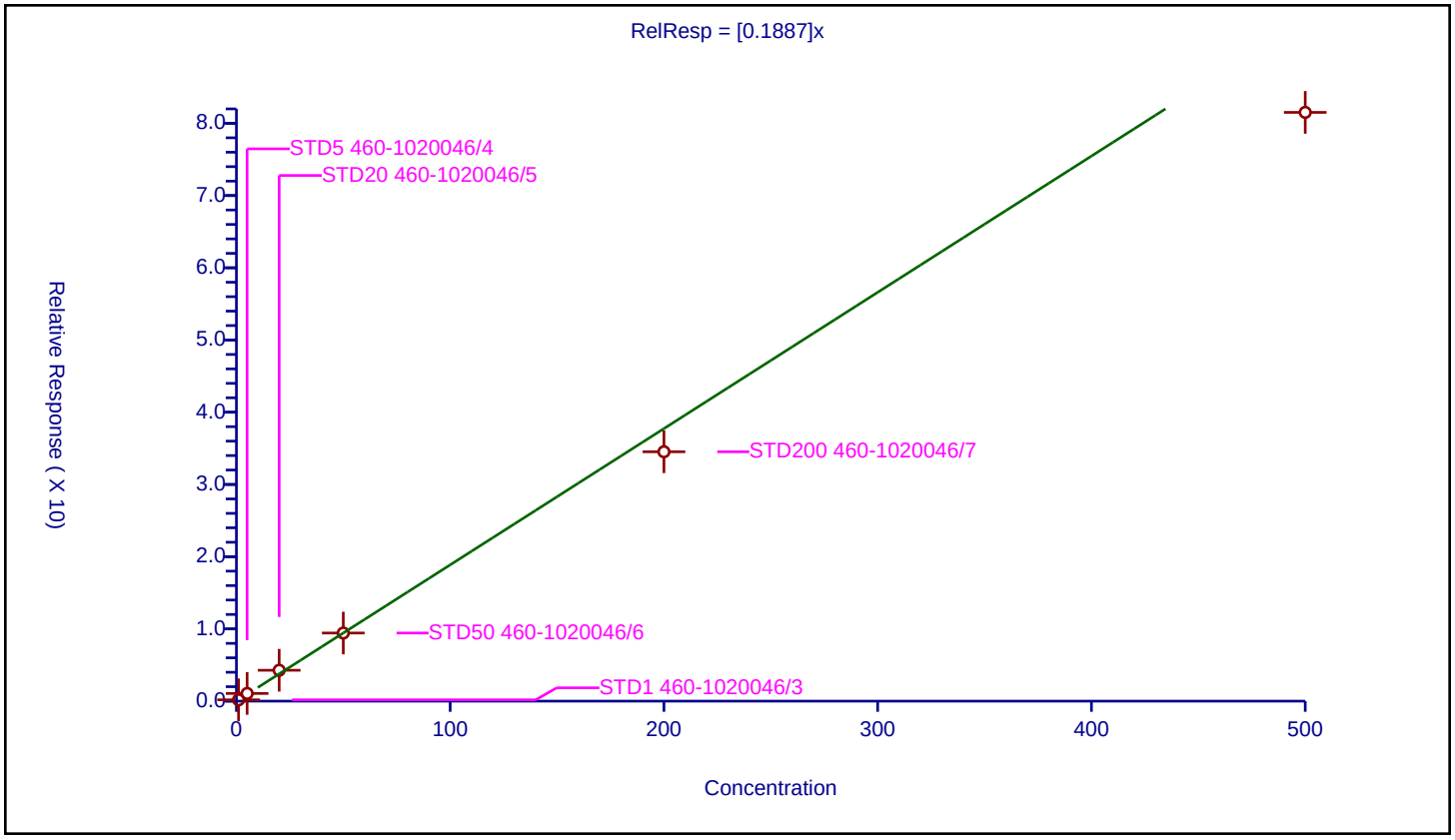
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1887 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.180907 | 50.0 | 598375.0 | 0.180907 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.064752 | 50.0 | 598496.0 | 0.21295 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 4.277157 | 50.0 | 621850.0 | 0.213858 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 9.432642 | 50.0 | 635983.0 | 0.188653 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 34.527445 | 50.0 | 752917.0 | 0.172637 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 81.51818 | 50.0 | 886950.0 | 0.163036 | Y |



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## Calibration / Cyclopentene

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

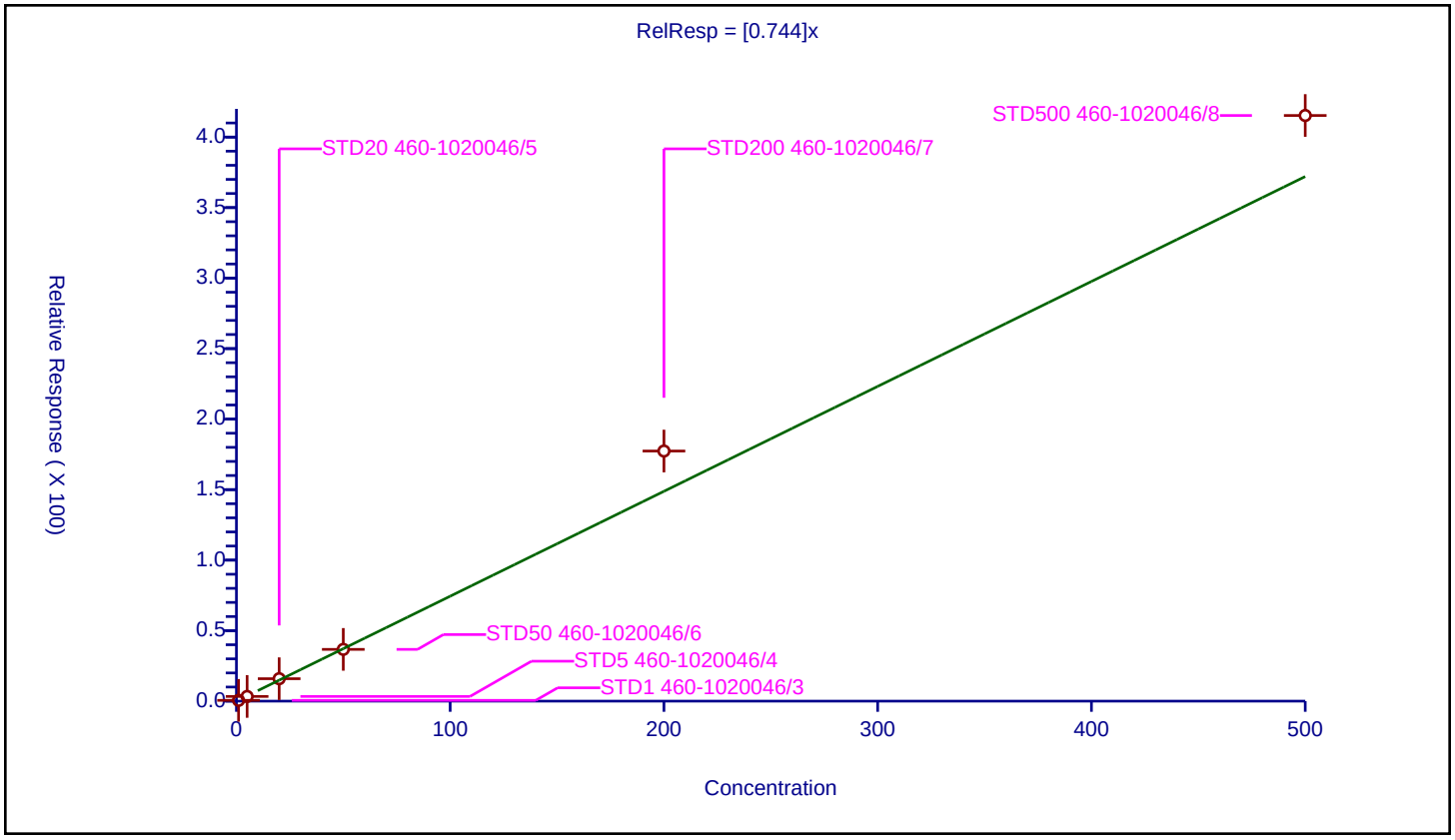
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.744 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.549822 | 50.0 | 598375.0 | 0.549822 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.333773 | 50.0 | 598496.0 | 0.666755 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 15.917665 | 50.0 | 621850.0 | 0.795883 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 36.717491 | 50.0 | 635983.0 | 0.73435 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 177.368555 | 50.0 | 752917.0 | 0.886843 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 415.311855 | 50.0 | 886950.0 | 0.830624 | Y |



## Calibration / Methyl acetate

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

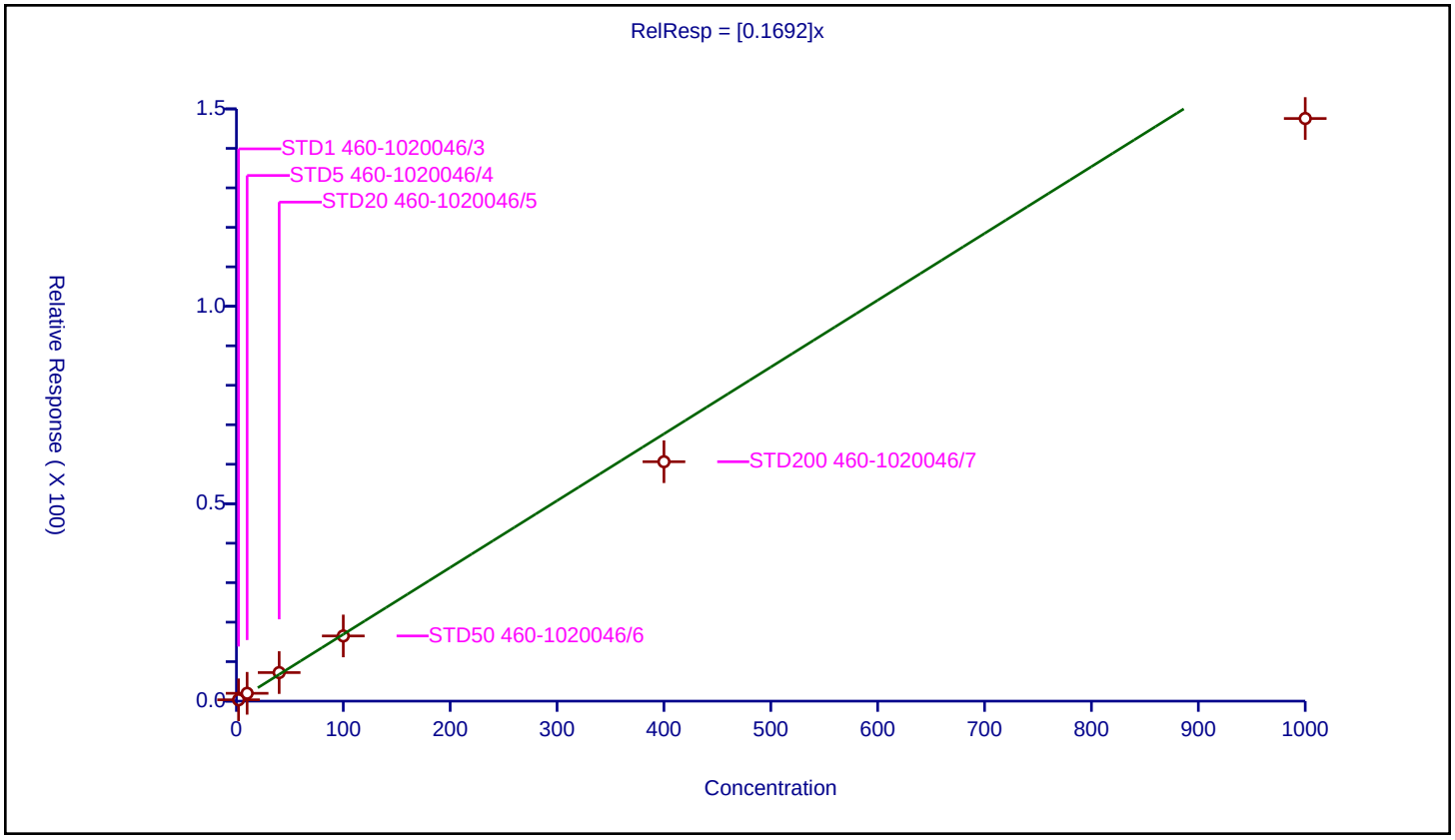
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1692 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 0.343012 | 50.0 | 598375.0 | 0.171506 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 1.987148 | 50.0 | 598496.0 | 0.198715 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 7.234864 | 50.0 | 621850.0 | 0.180872 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 16.510583 | 50.0 | 635983.0 | 0.165106 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 60.64181 | 50.0 | 752917.0 | 0.151605 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 147.562433 | 50.0 | 886950.0 | 0.147562 | Y |



## Calibration / Acetonitrile

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

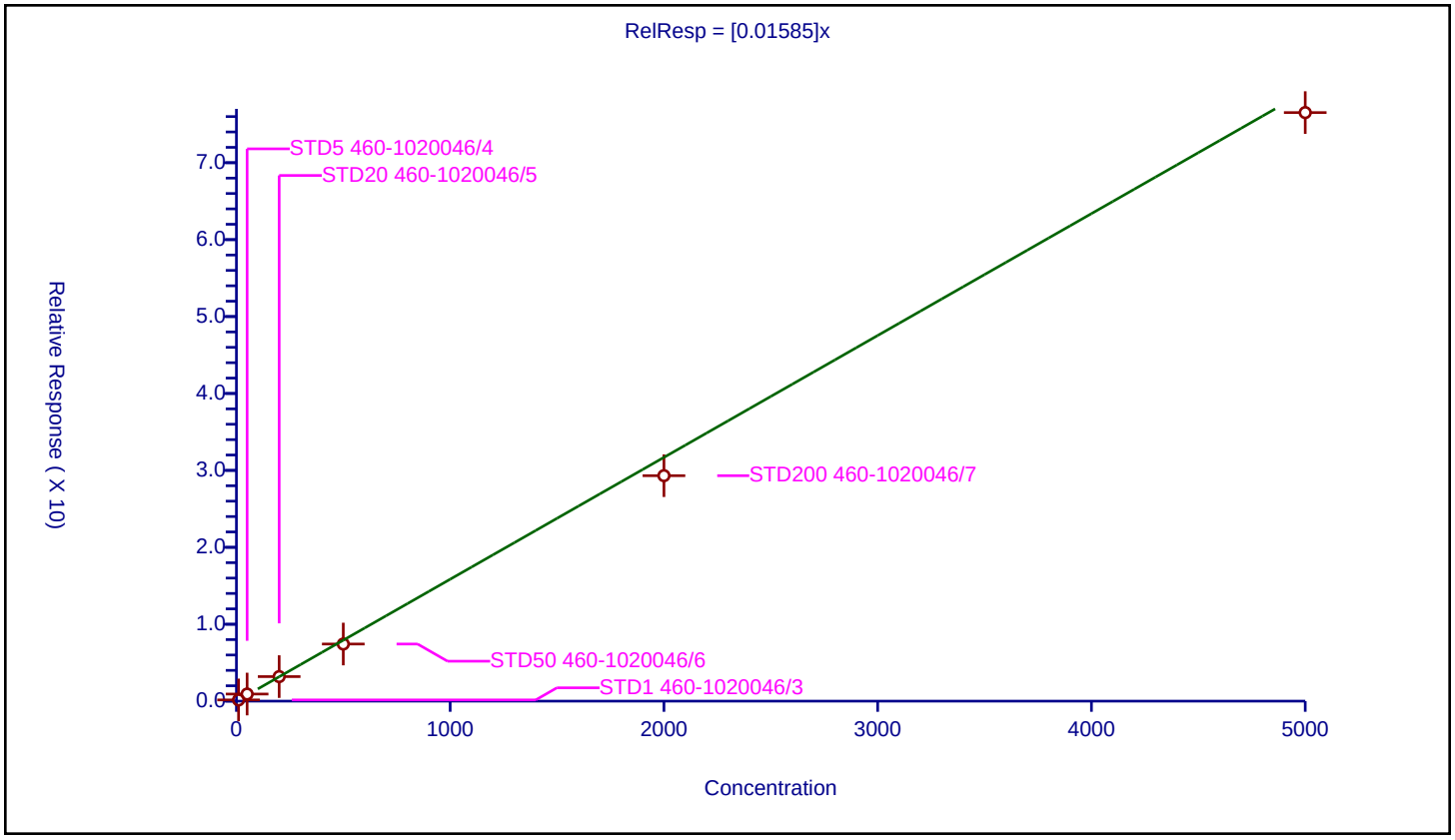
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01585 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 0.158346 | 50.0 | 598375.0 | 0.015835 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 0.923899 | 50.0 | 598496.0 | 0.018478 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 3.189837 | 50.0 | 621850.0 | 0.015949 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 7.426221 | 50.0 | 635983.0 | 0.014852 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 29.314586 | 50.0 | 752917.0 | 0.014657 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 76.518913 | 50.0 | 886950.0 | 0.015304 | Y |



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## Calibration / Methylene Chloride

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

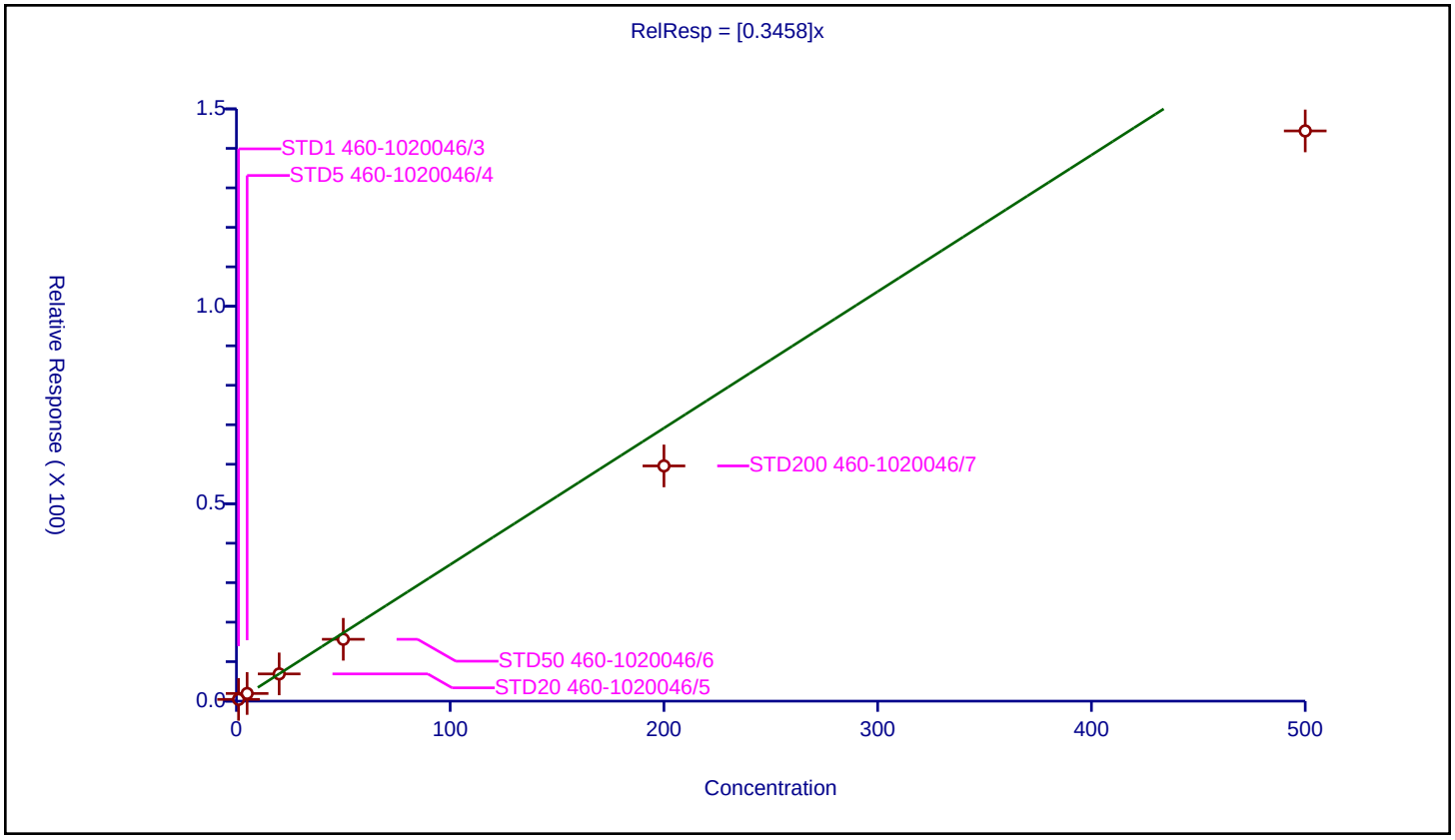
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3458 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.442365 | 50.0 | 598375.0 | 0.442365 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.93602 | 50.0 | 598496.0 | 0.387204 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.900217 | 50.0 | 621850.0 | 0.345011 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.669365 | 50.0 | 635983.0 | 0.313387 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 59.57496 | 50.0 | 752917.0 | 0.297875 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 144.423023 | 50.0 | 886950.0 | 0.288846 | Y |



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## Calibration / 2-Methyl-2-propanol

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

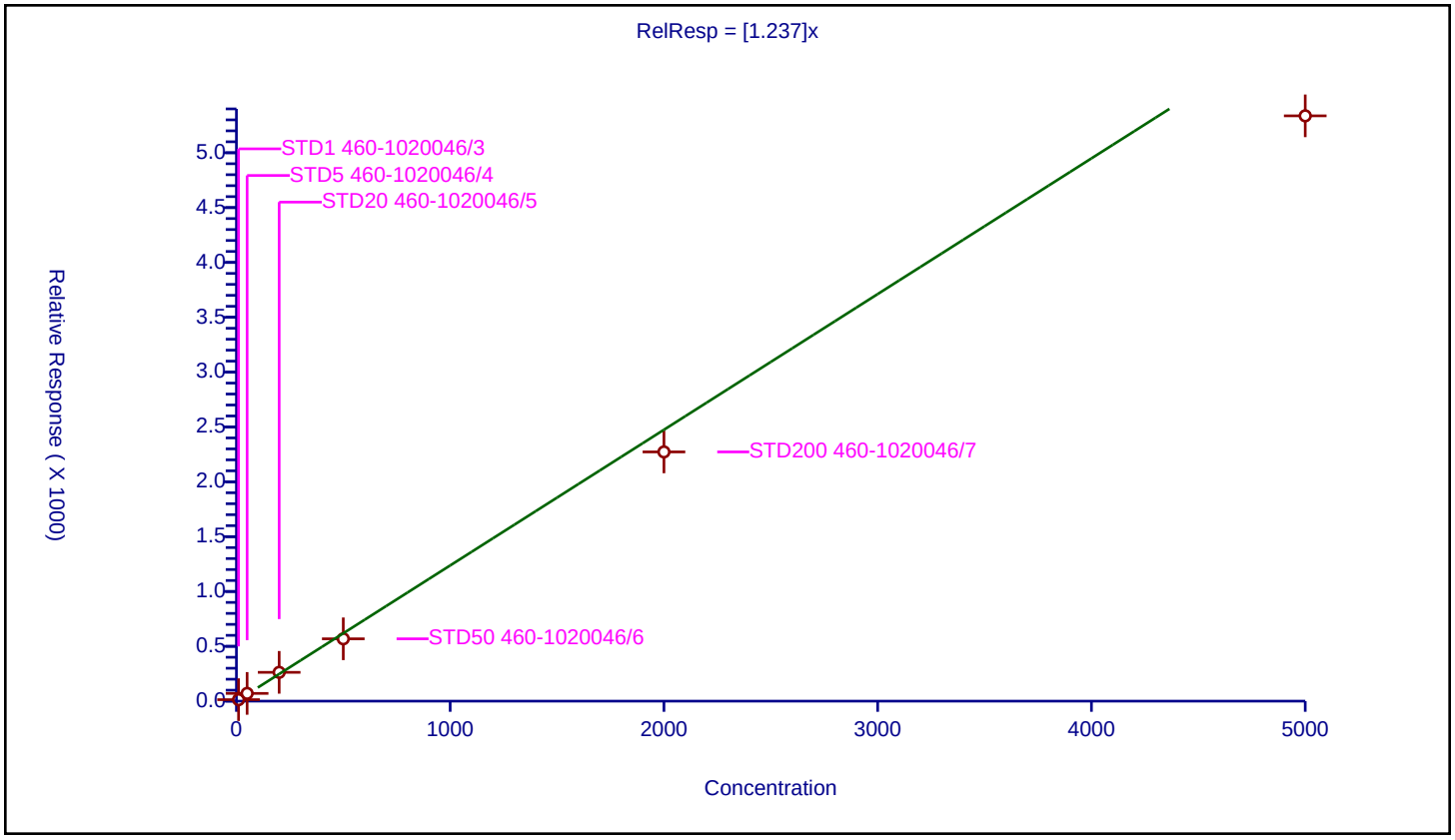
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.237 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 13.570138 | 1000.0 | 307145.0 | 1.357014 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 70.62325 | 1000.0 | 299703.0 | 1.412465 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 262.621074 | 1000.0 | 313444.0 | 1.313105 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 568.485678 | 1000.0 | 305239.0 | 1.136971 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 2272.311206 | 1000.0 | 353309.0 | 1.136156 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 5336.640768 | 1000.0 | 381867.0 | 1.067328 | Y |



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

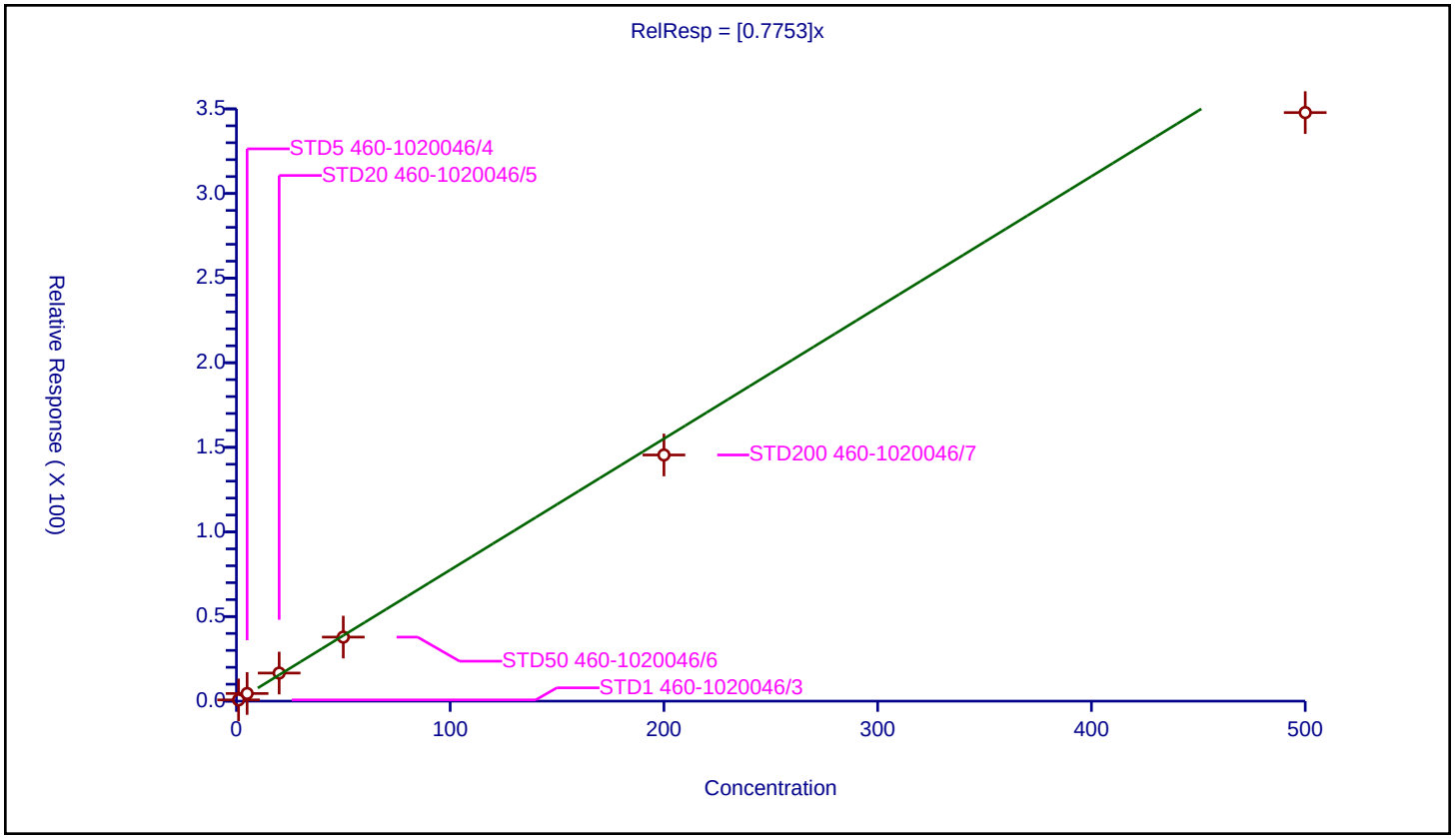
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7753 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.737497 | 50.0 | 598375.0 | 0.737497 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 4.526179 | 50.0 | 598496.0 | 0.905236 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 16.591381 | 50.0 | 621850.0 | 0.829569 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 37.840555 | 50.0 | 635983.0 | 0.756811 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 145.472077 | 50.0 | 752917.0 | 0.72736 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 347.813124 | 50.0 | 886950.0 | 0.695626 | Y |



## Calibration / trans-1,2-Dichloroethene

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

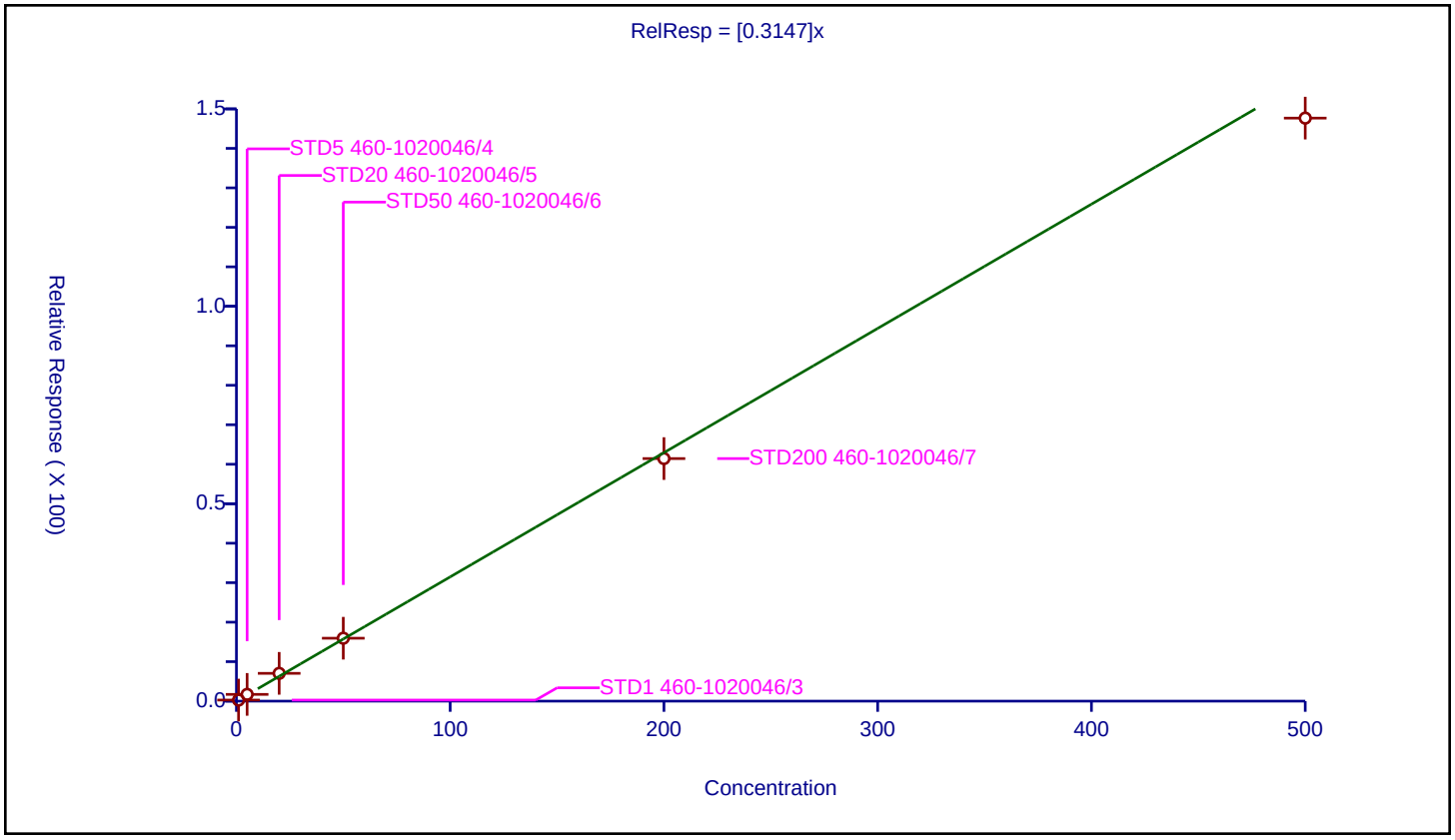
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.272404 | 50.0 | 598375.0 | 0.272404 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.71271 | 50.0 | 598496.0 | 0.342542 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.036022 | 50.0 | 621850.0 | 0.351801 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.93714 | 50.0 | 635983.0 | 0.318743 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 61.437781 | 50.0 | 752917.0 | 0.307189 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 147.667061 | 50.0 | 886950.0 | 0.295334 | Y |



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## Calibration / Acrylonitrile

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

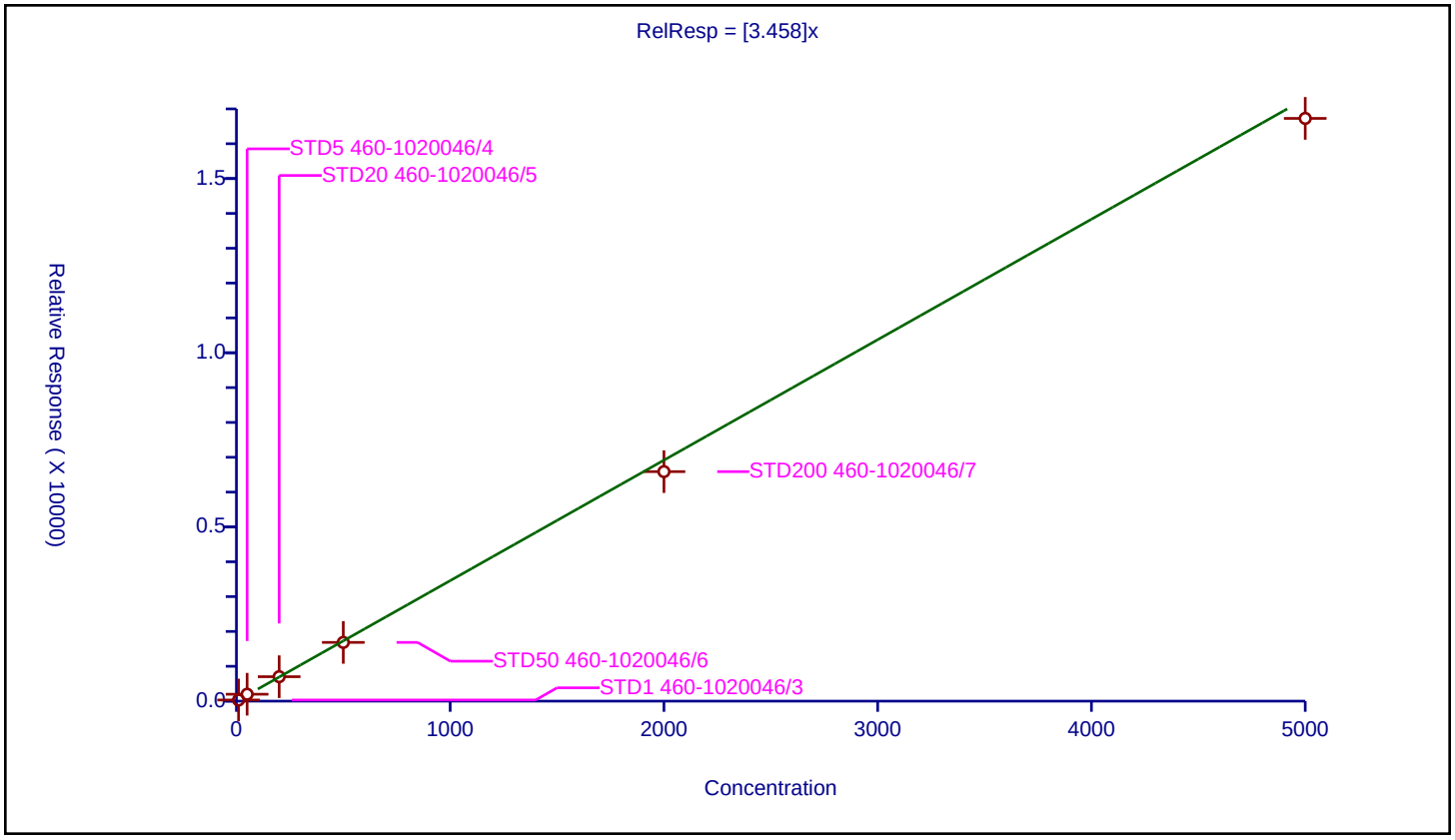
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.458 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 32.62954 | 1000.0 | 307145.0 | 3.262954 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 198.356373 | 1000.0 | 299703.0 | 3.967127 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 701.627723 | 1000.0 | 313444.0 | 3.508139 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 1685.921524 | 1000.0 | 305239.0 | 3.371843 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 6588.408447 | 1000.0 | 353309.0 | 3.294204 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 16726.954673 | 1000.0 | 381867.0 | 3.345391 | Y |



## Calibration / Hexane

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

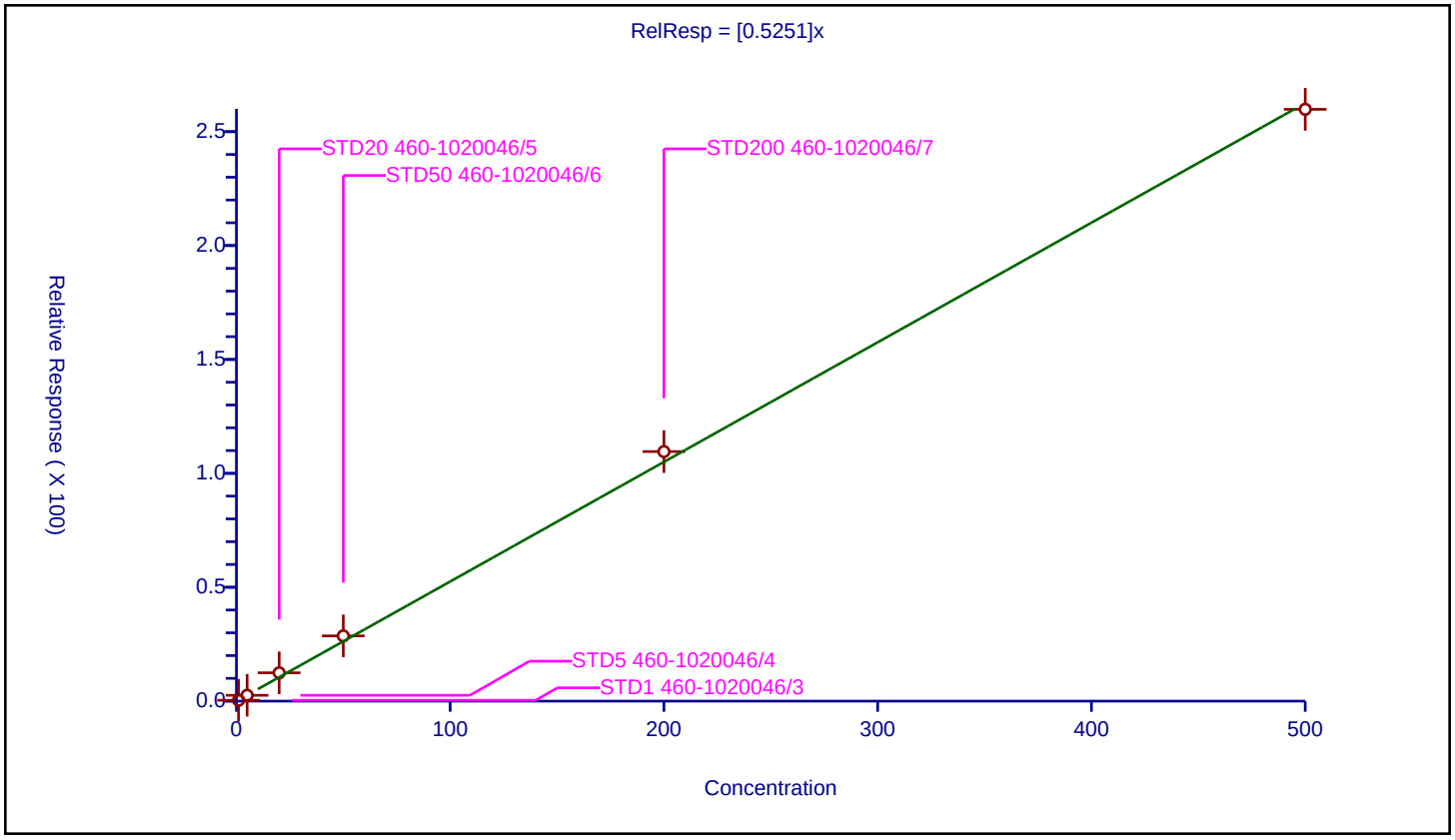
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.375016 | 50.0 | 598375.0 | 0.375016 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.564428 | 50.0 | 598496.0 | 0.512886 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 12.447938 | 50.0 | 621850.0 | 0.622397 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 28.638501 | 50.0 | 635983.0 | 0.57277 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 109.558557 | 50.0 | 752917.0 | 0.547793 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 259.818479 | 50.0 | 886950.0 | 0.519637 | Y |



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## Calibration / Isopropyl ether

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

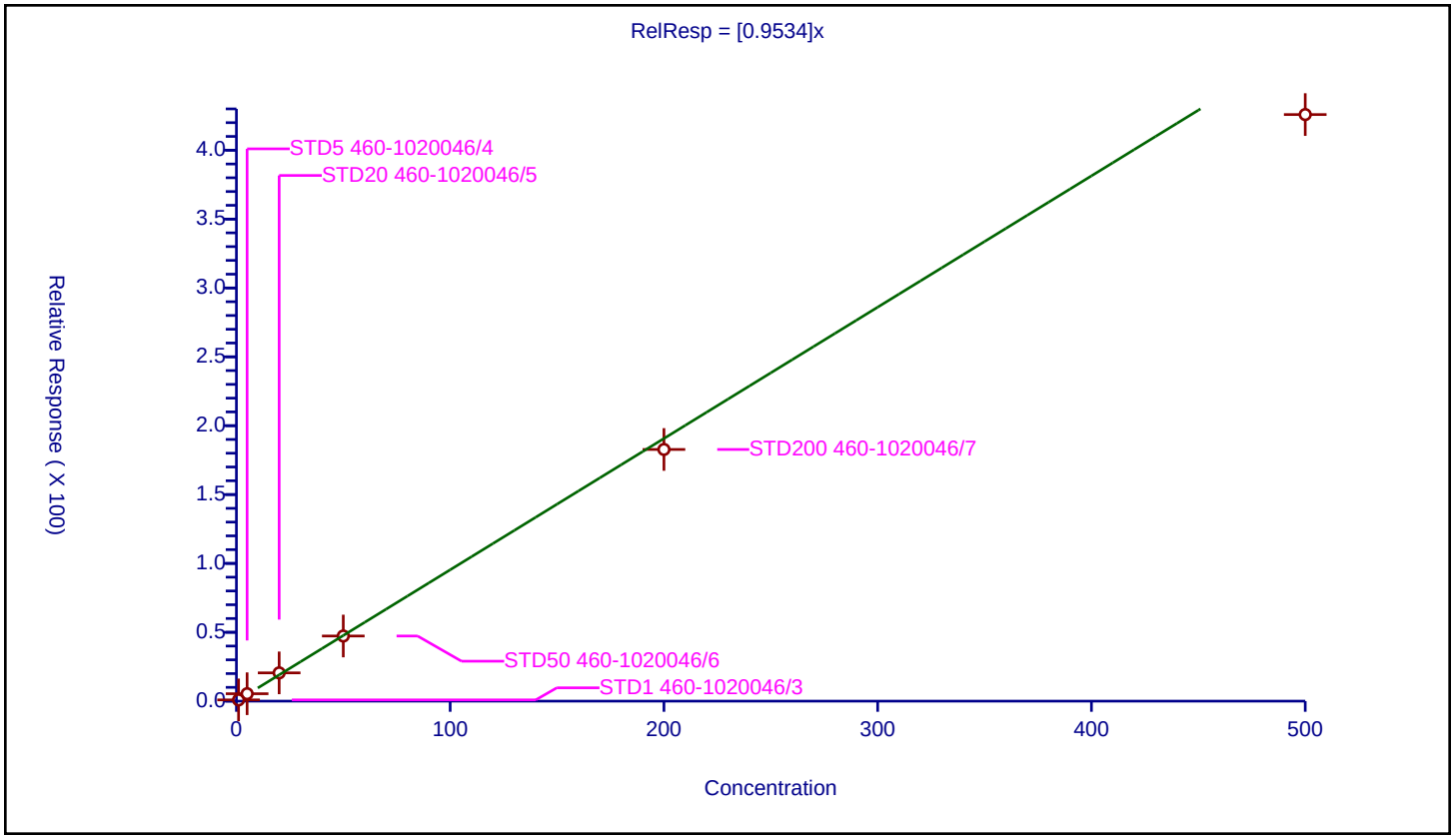
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9534 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.905619 | 50.0 | 598375.0 | 0.905619 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.38575 | 50.0 | 598496.0 | 1.07715 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 20.530112 | 50.0 | 621850.0 | 1.026506 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 47.297805 | 50.0 | 635983.0 | 0.945956 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 182.723062 | 50.0 | 752917.0 | 0.913615 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 425.882801 | 50.0 | 886950.0 | 0.851766 | Y |



## Calibration / 1,1-Dichloroethane

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

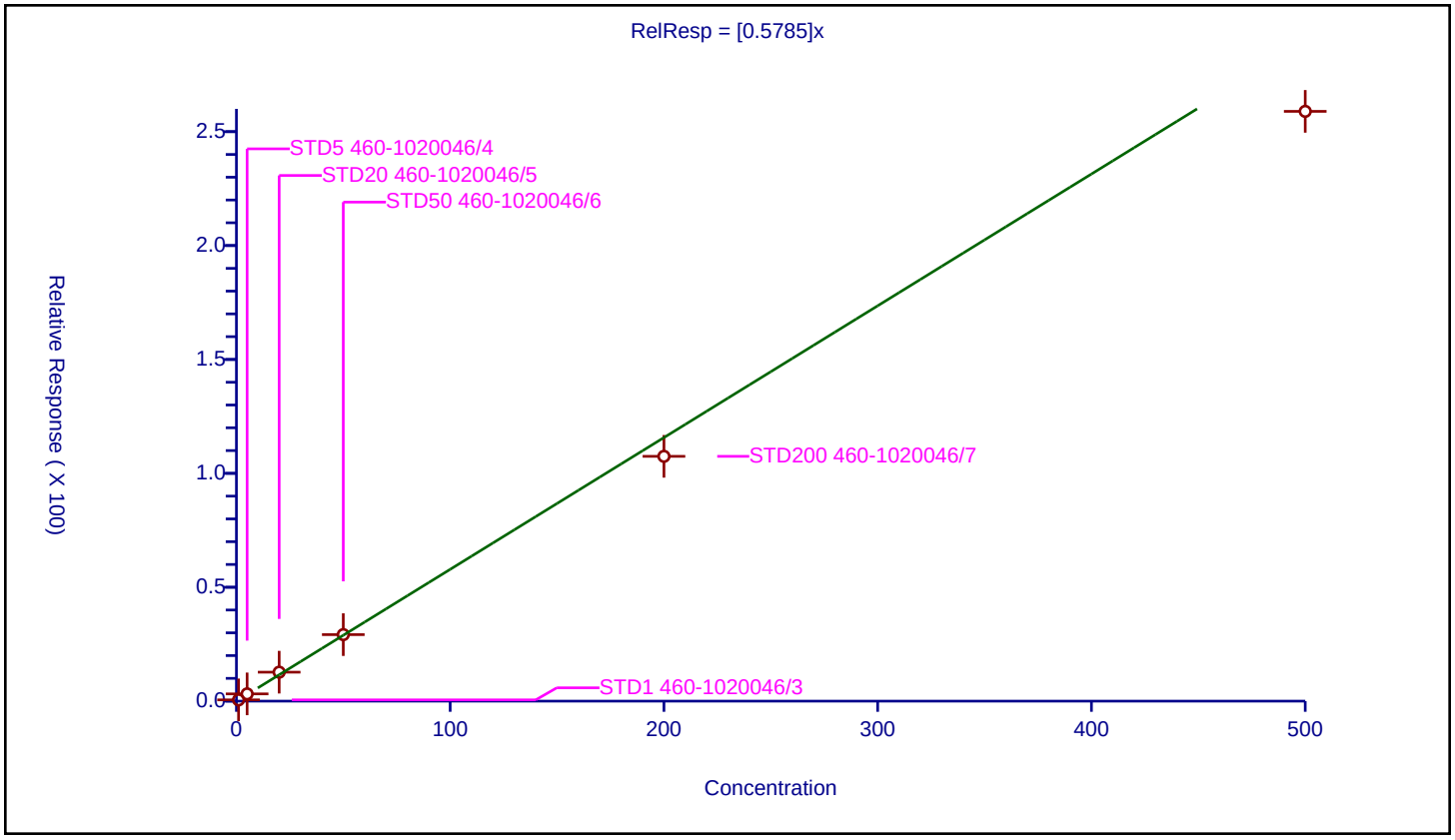
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5785 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.557928 | 50.0 | 598375.0 | 0.557928 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.190163 | 50.0 | 598496.0 | 0.638033 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 12.719386 | 50.0 | 621850.0 | 0.635969 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 29.205576 | 50.0 | 635983.0 | 0.584112 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 107.472138 | 50.0 | 752917.0 | 0.537361 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 258.915497 | 50.0 | 886950.0 | 0.517831 | Y |



## Calibration / Vinyl acetate

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

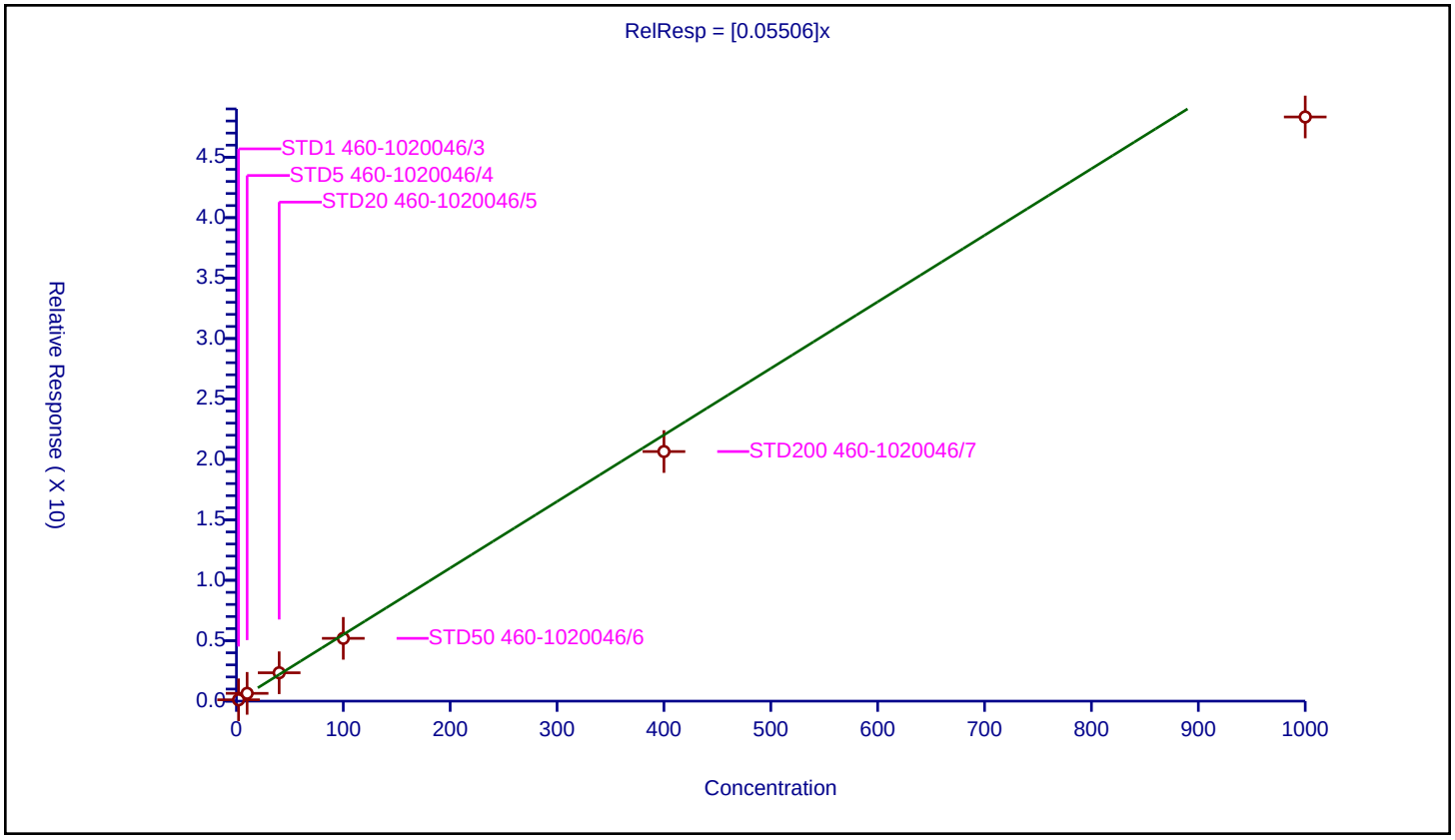
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05506 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 0.110466 | 50.0 | 598375.0 | 0.055233 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 0.645117 | 50.0 | 598496.0 | 0.064512 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 2.347913 | 50.0 | 621850.0 | 0.058698 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 5.195343 | 50.0 | 635983.0 | 0.051953 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 20.651612 | 50.0 | 752917.0 | 0.051629 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 48.333221 | 50.0 | 886950.0 | 0.048333 | Y |



## Calibration / 2-Chloro-1,3-butadiene

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

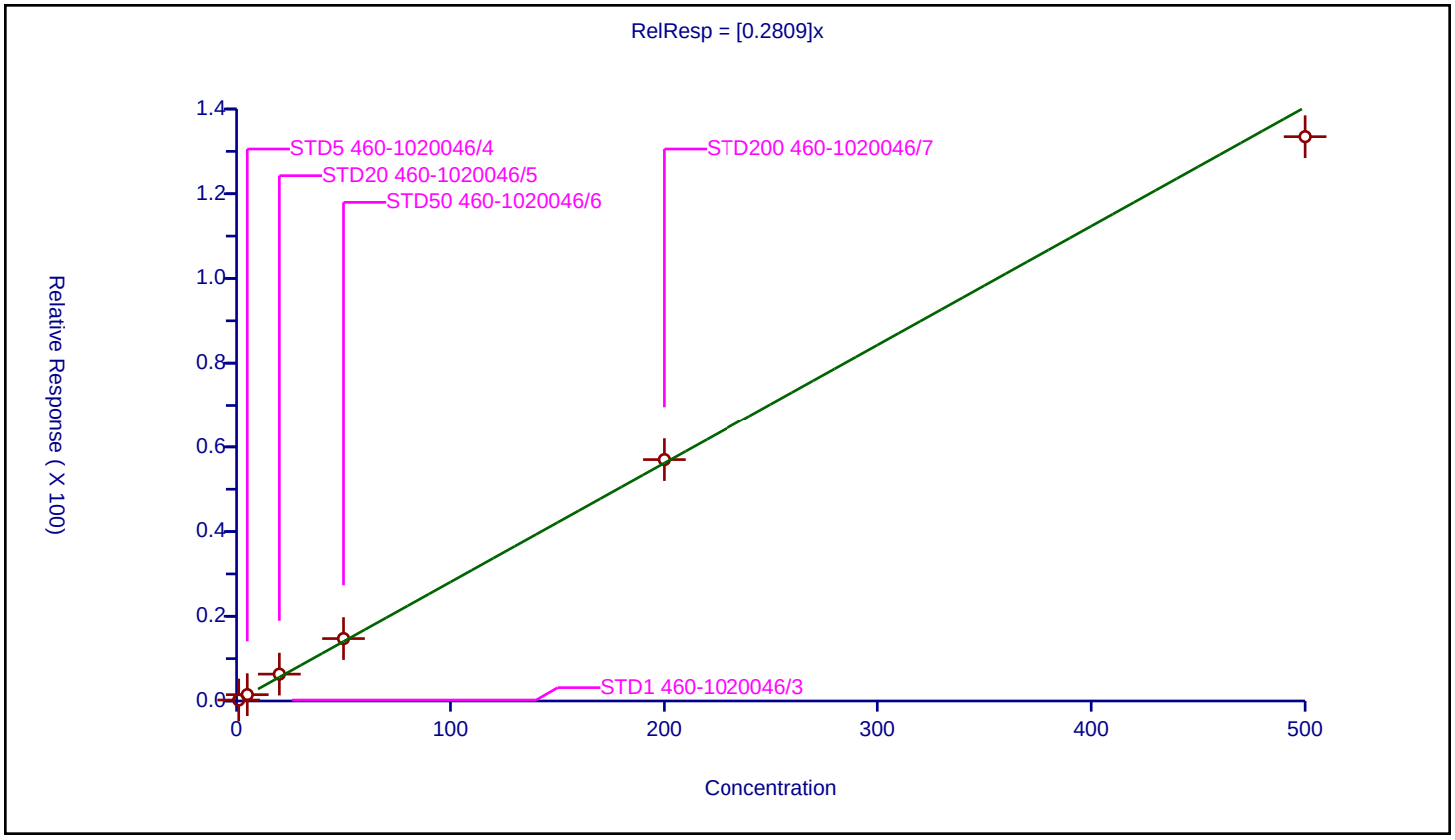
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2809 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.222436 | 50.0 | 598375.0 | 0.222436 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.49483 | 50.0 | 598496.0 | 0.298966 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.341642 | 50.0 | 621850.0 | 0.317082 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 14.736557 | 50.0 | 635983.0 | 0.294731 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 56.991342 | 50.0 | 752917.0 | 0.284957 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 133.473307 | 50.0 | 886950.0 | 0.266947 | Y |



## Calibration / Tert-butyl ethyl ether

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

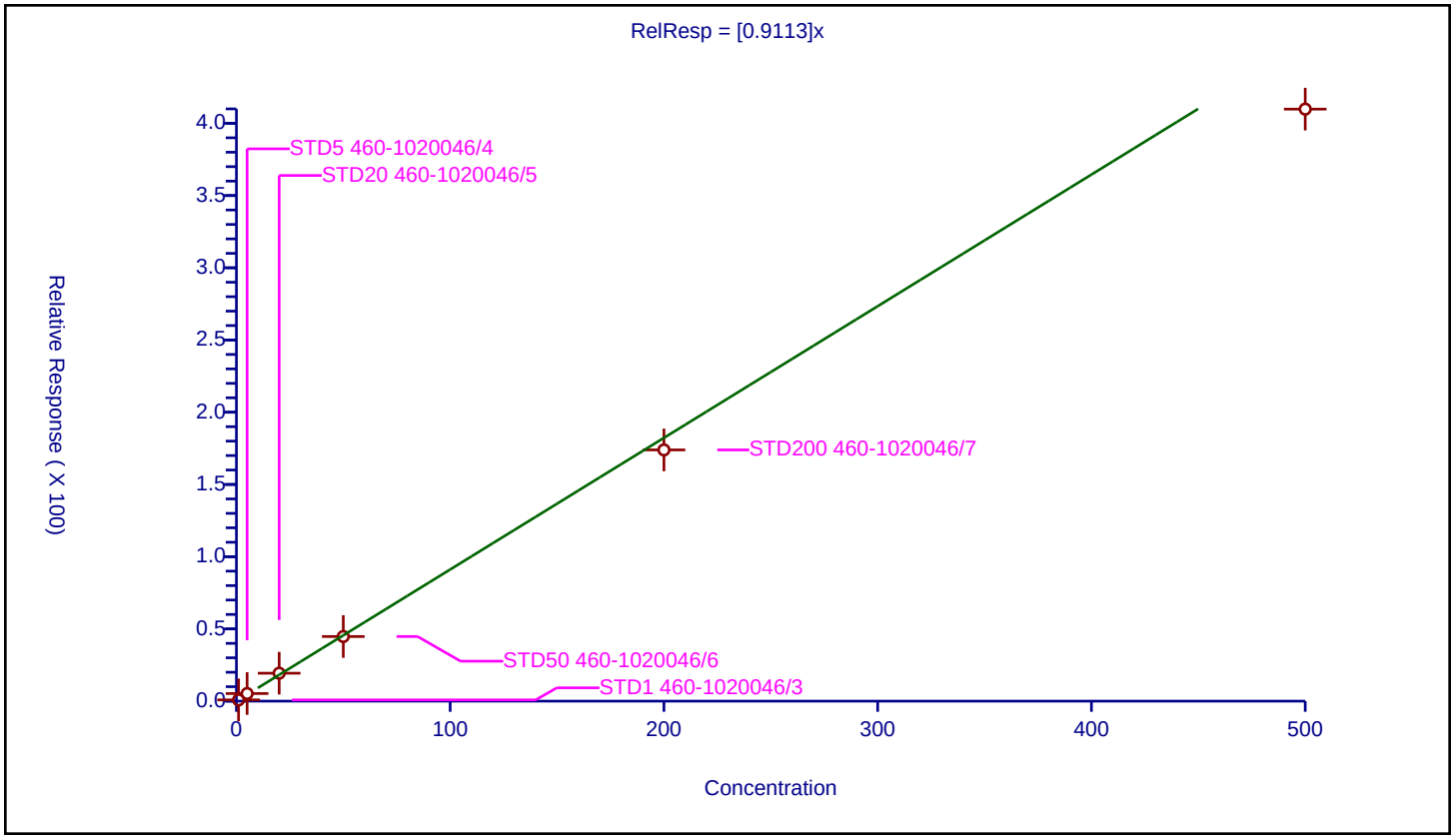
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9113 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.864926 | 50.0 | 598375.0 | 0.864926 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.261856 | 50.0 | 598496.0 | 1.052371 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 19.334727 | 50.0 | 621850.0 | 0.966736 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 44.732957 | 50.0 | 635983.0 | 0.894659 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 173.909475 | 50.0 | 752917.0 | 0.869547 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 409.841592 | 50.0 | 886950.0 | 0.819683 | Y |



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## Calibration / 2,2-Dichloropropane

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

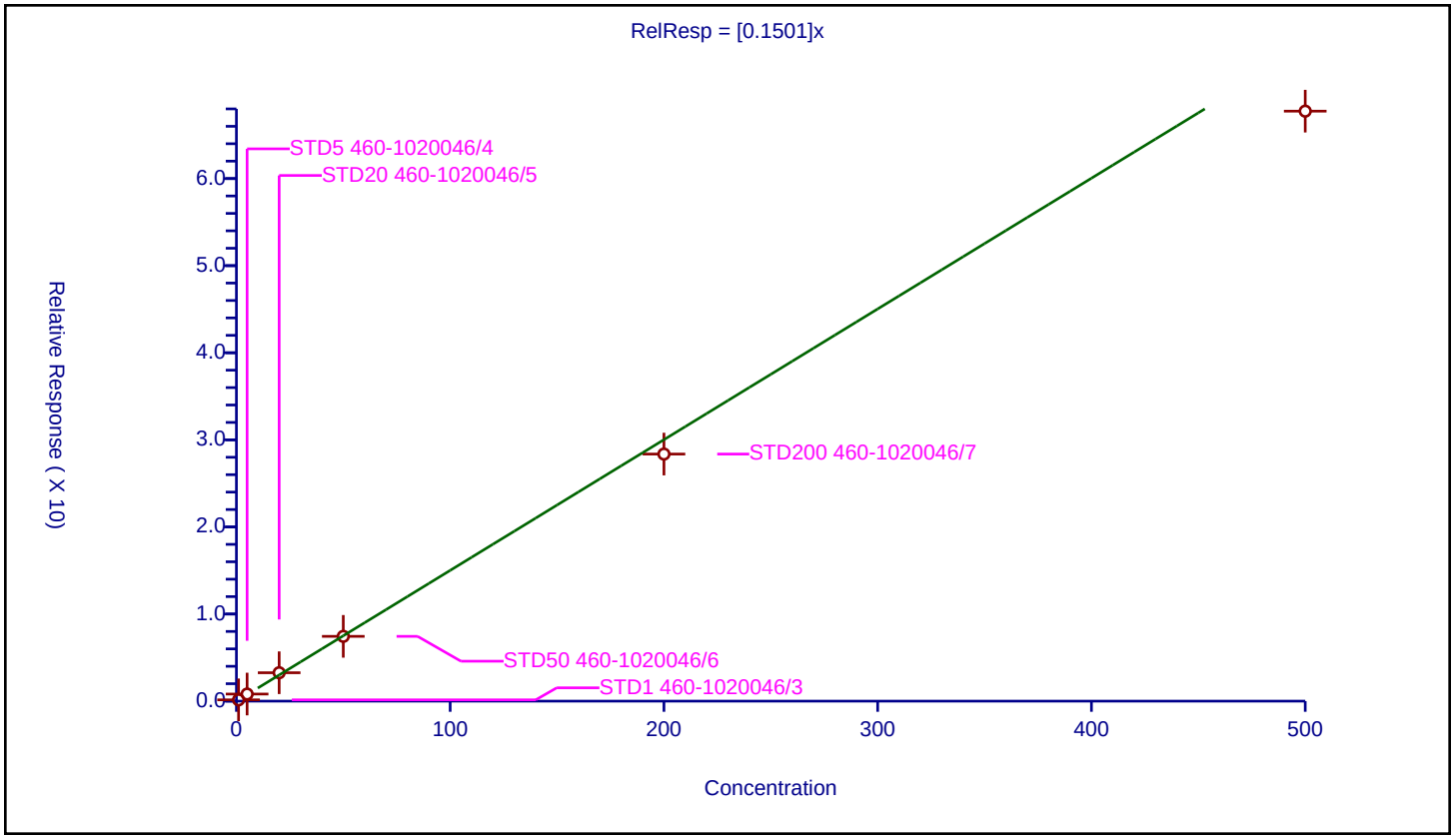
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1501 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.148653 | 50.0 | 598375.0 | 0.148653 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.813706 | 50.0 | 598496.0 | 0.162741 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 3.261639 | 50.0 | 621850.0 | 0.163082 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 7.439979 | 50.0 | 635983.0 | 0.1488 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 28.368532 | 50.0 | 752917.0 | 0.141843 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 67.741248 | 50.0 | 886950.0 | 0.135482 | Y |



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## Calibration / cis-1,2-Dichloroethene

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

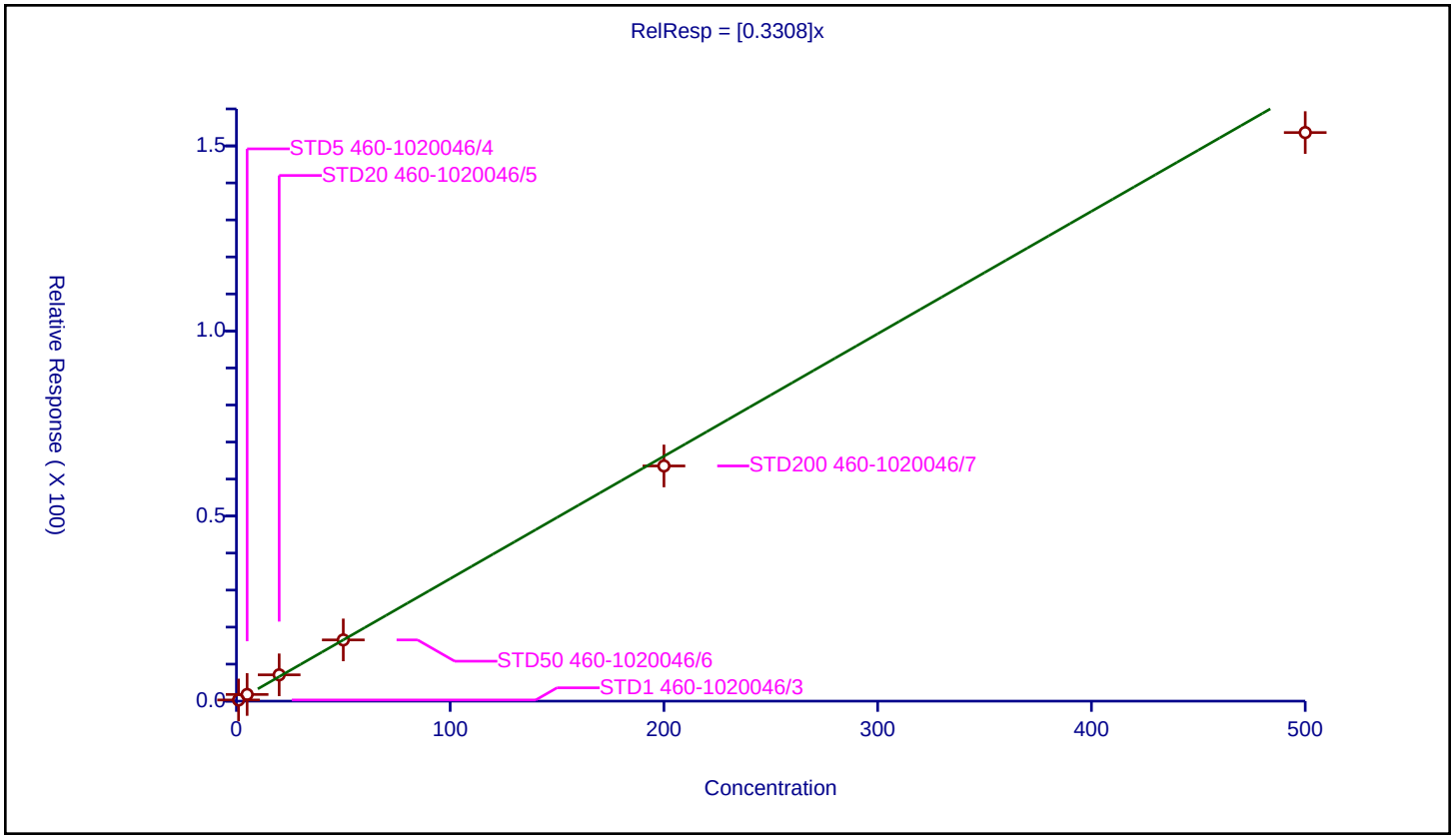
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.313182 | 50.0 | 598375.0 | 0.313182 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.803354 | 50.0 | 598496.0 | 0.360671 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.108225 | 50.0 | 621850.0 | 0.355411 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 16.535741 | 50.0 | 635983.0 | 0.330715 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 63.535755 | 50.0 | 752917.0 | 0.317679 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 153.604149 | 50.0 | 886950.0 | 0.307208 | Y |



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## Calibration / 2-Butanone (MEK)

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

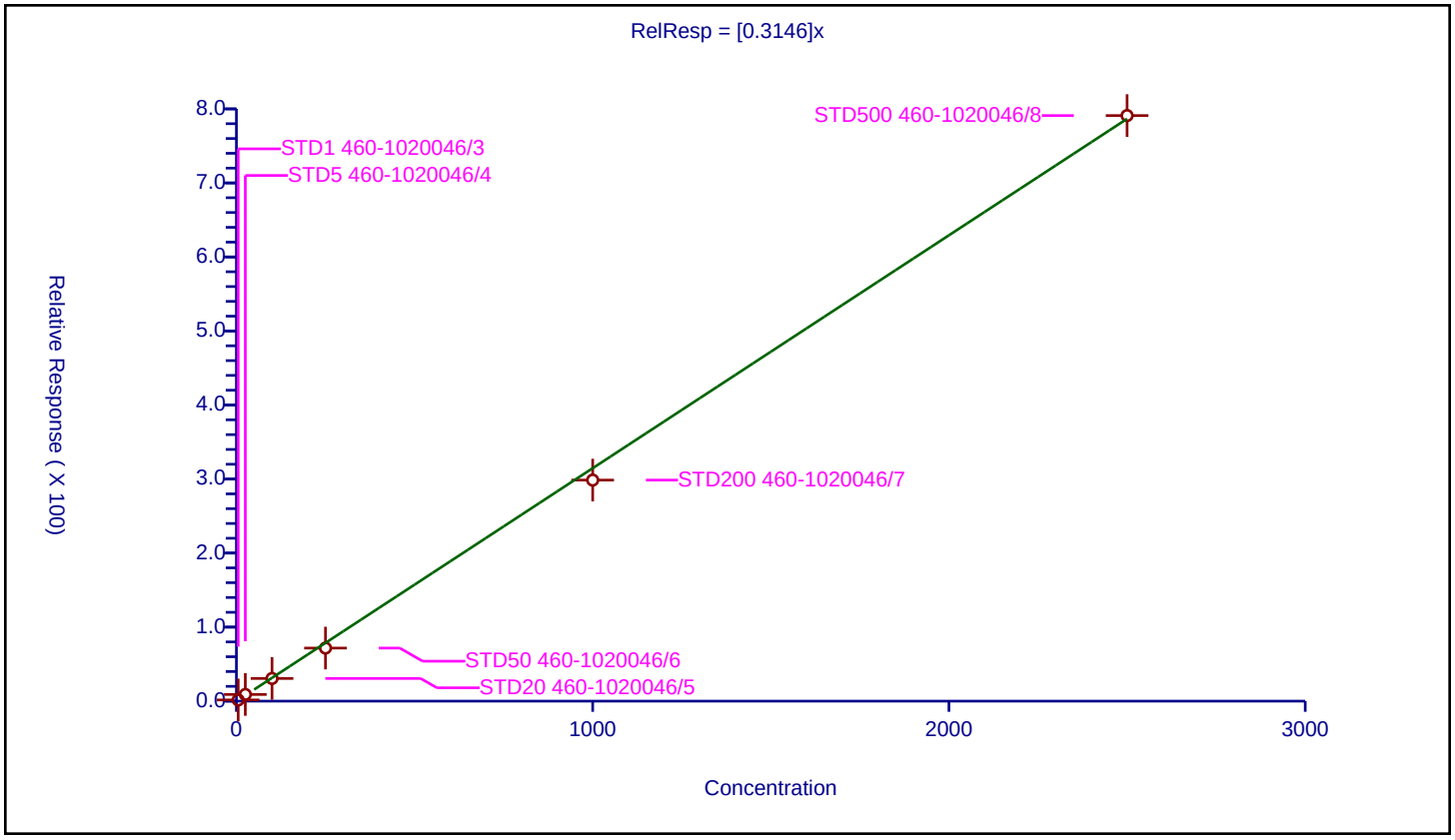
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3146 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 5.0 | 1.599072 | 250.0 | 296422.0 | 0.319814 | Y |
| 2 | STD5 460-1020046/4 | 25.0 | 9.002559 | 250.0 | 289140.0 | 0.360102 | Y |
| 3 | STD20 460-1020046/5 | 100.0 | 30.619144 | 250.0 | 303209.0 | 0.306191 | Y |
| 4 | STD50 460-1020046/6 | 250.0 | 71.689858 | 250.0 | 301120.0 | 0.286759 | Y |
| 5 | STD200 460-1020046/7 | 1000.0 | 298.586026 | 250.0 | 342722.0 | 0.298586 | Y |
| 6 | STD500 460-1020046/8 | 2500.0 | 790.967271 | 250.0 | 352745.0 | 0.316387 | Y |



## Calibration / Ethyl acetate

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

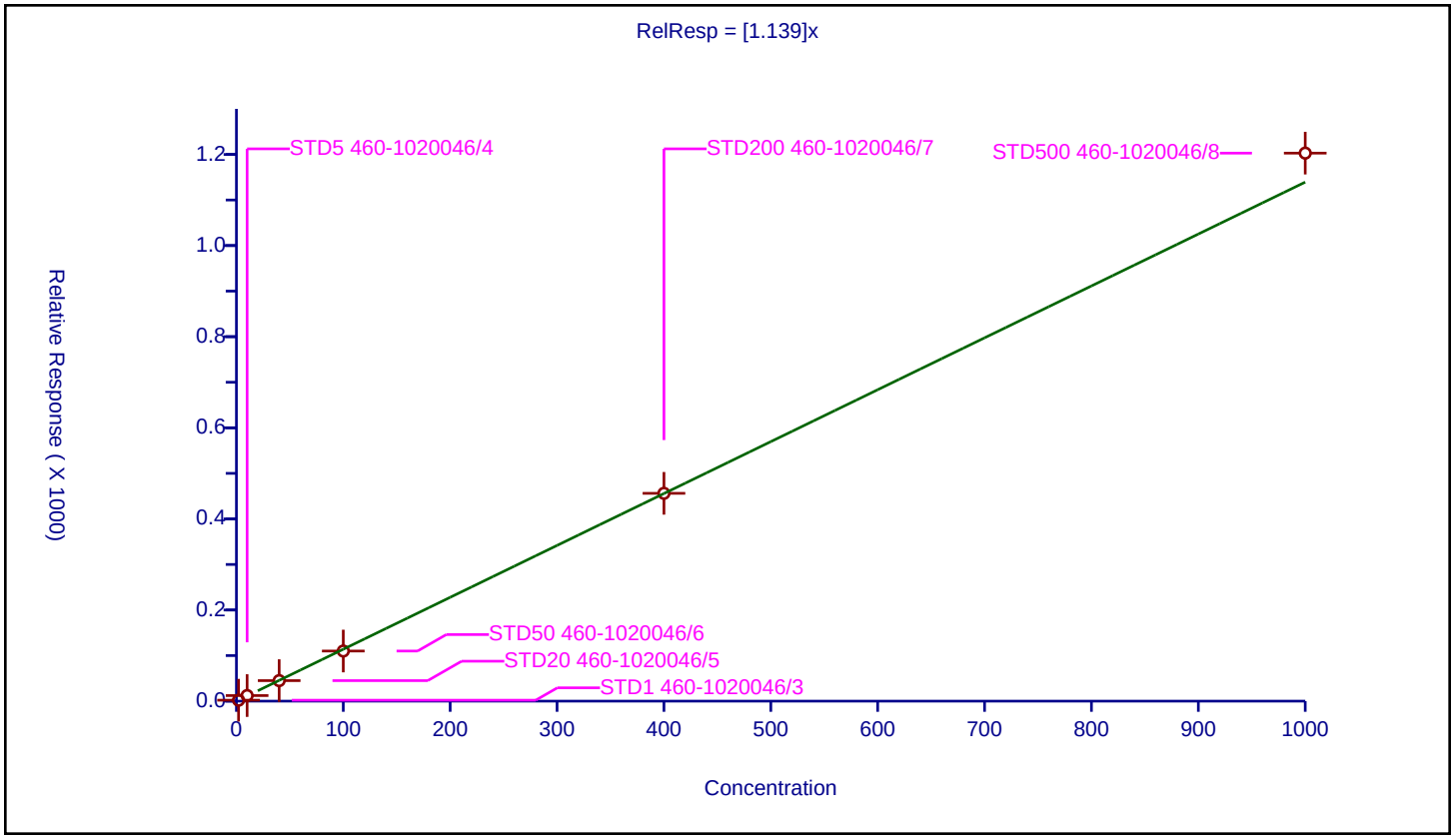
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.139 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 2.083706 | 1000.0 | 307145.0 | 1.041853 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 12.23211 | 1000.0 | 299703.0 | 1.223211 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 45.063871 | 1000.0 | 313444.0 | 1.126597 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 110.025259 | 1000.0 | 305239.0 | 1.100253 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 456.158773 | 1000.0 | 353309.0 | 1.140397 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 1202.895249 | 1000.0 | 381867.0 | 1.202895 | Y |



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## Calibration / Methyl acrylate

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

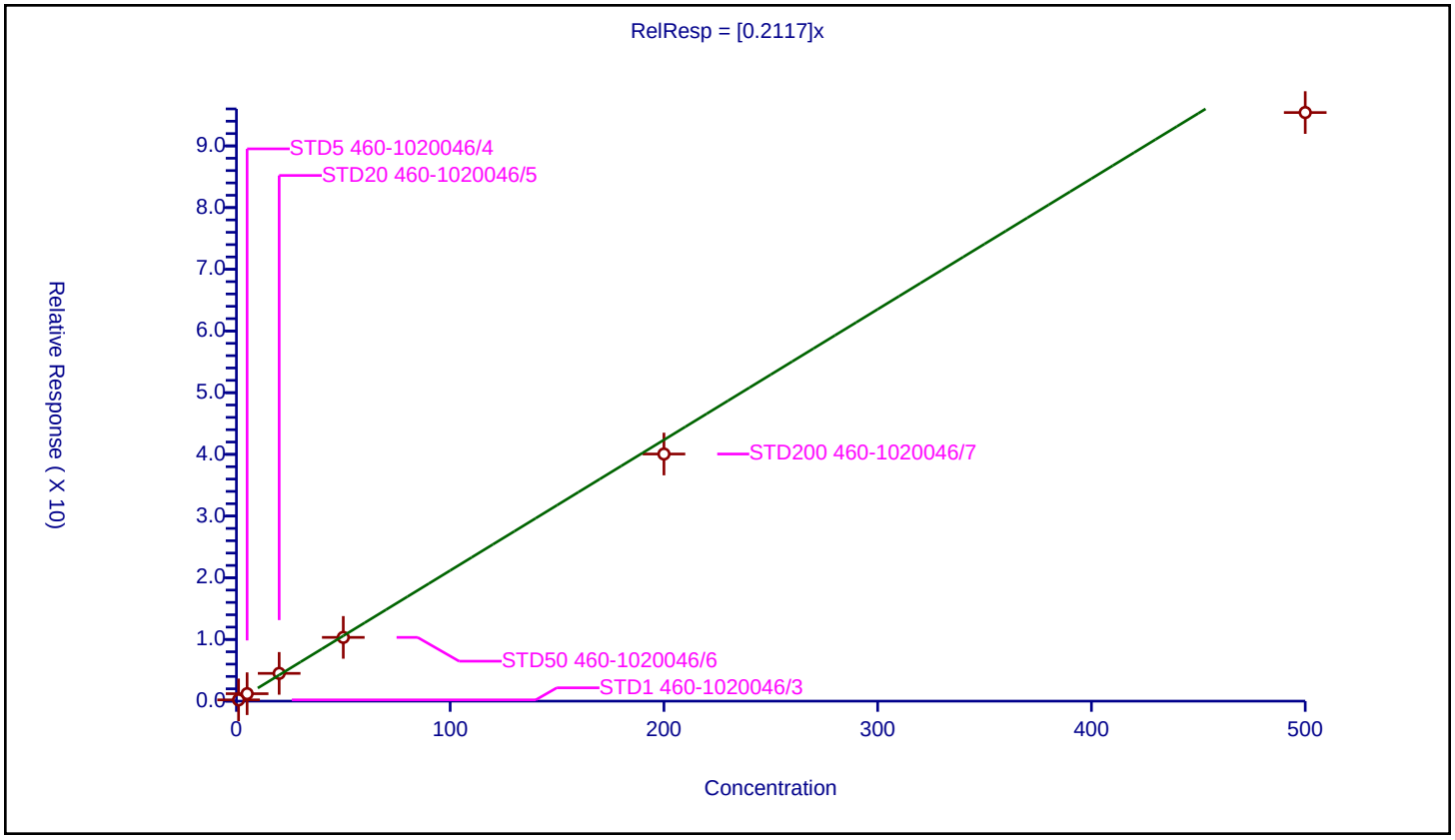
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2117 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.206058 | 50.0 | 598375.0 | 0.206058 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.20761 | 50.0 | 598496.0 | 0.241522 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 4.501487 | 50.0 | 621850.0 | 0.225074 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 10.33243 | 50.0 | 635983.0 | 0.206649 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 40.058466 | 50.0 | 752917.0 | 0.200292 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 95.409099 | 50.0 | 886950.0 | 0.190818 | Y |



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## Calibration / Propionitrile

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

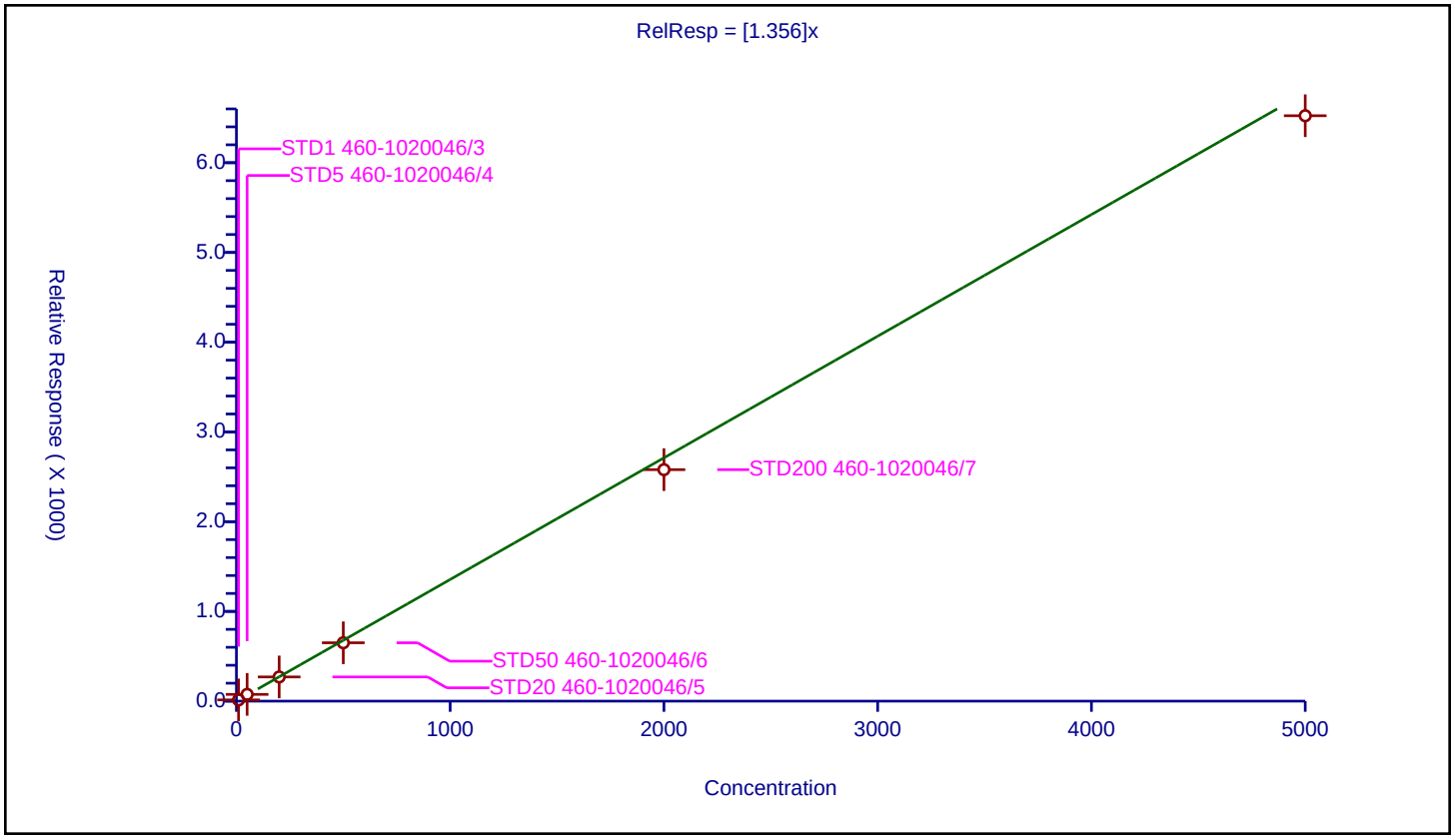
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.356 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 13.863159 | 1000.0 | 307145.0 | 1.386316 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 75.211126 | 1000.0 | 299703.0 | 1.504223 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 269.550542 | 1000.0 | 313444.0 | 1.347753 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 650.536137 | 1000.0 | 305239.0 | 1.301072 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 2579.566329 | 1000.0 | 353309.0 | 1.289783 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 6523.813265 | 1000.0 | 381867.0 | 1.304763 | Y |



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## Calibration / Chlorobromomethane

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

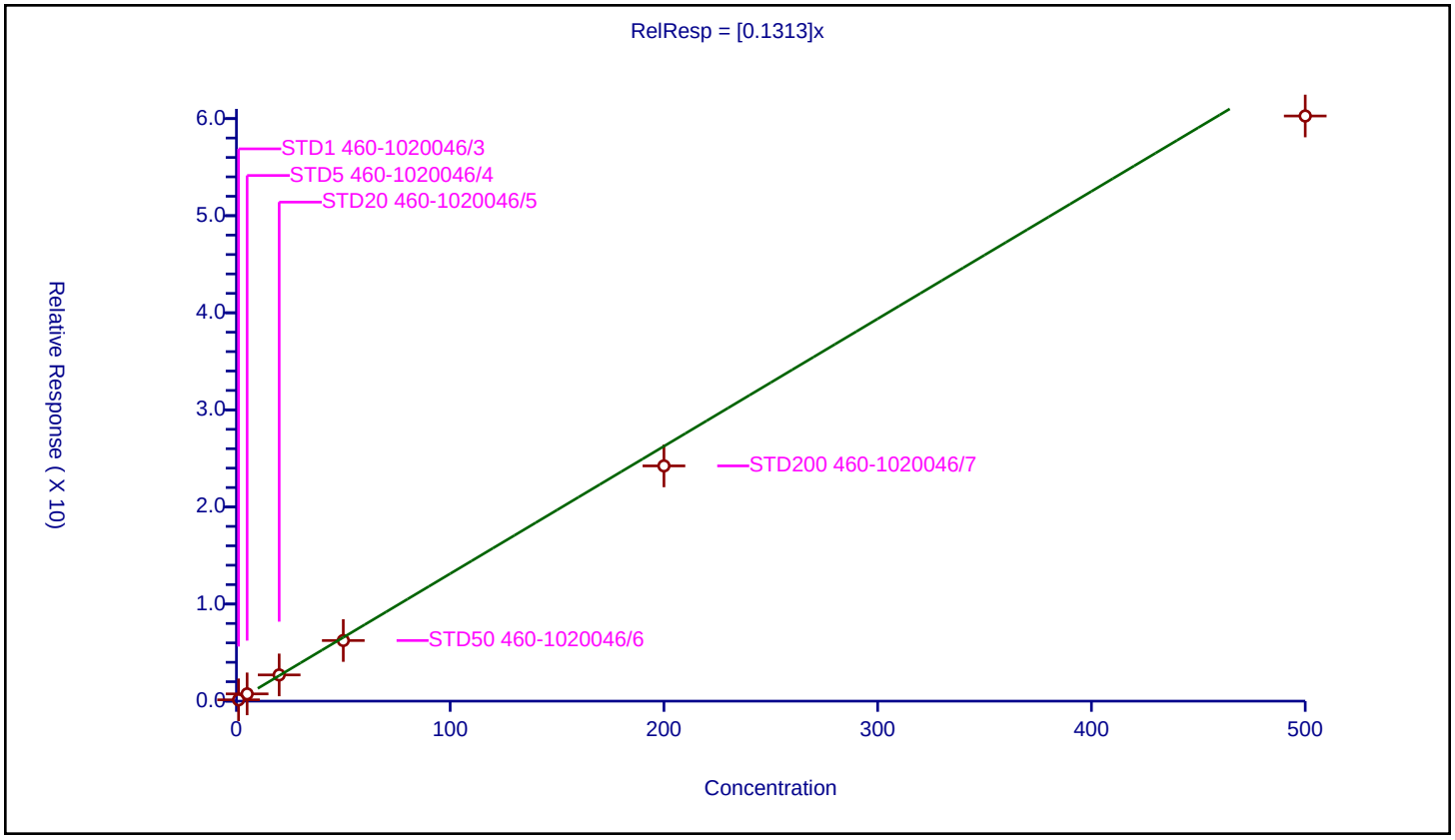
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1313 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.136286 | 50.0 | 598375.0 | 0.136286 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.748292 | 50.0 | 598496.0 | 0.149658 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 2.701455 | 50.0 | 621850.0 | 0.135073 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 6.244978 | 50.0 | 635983.0 | 0.1249 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 24.230559 | 50.0 | 752917.0 | 0.121153 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 60.270139 | 50.0 | 886950.0 | 0.12054 | Y |



## Calibration / Tetrahydrofuran

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

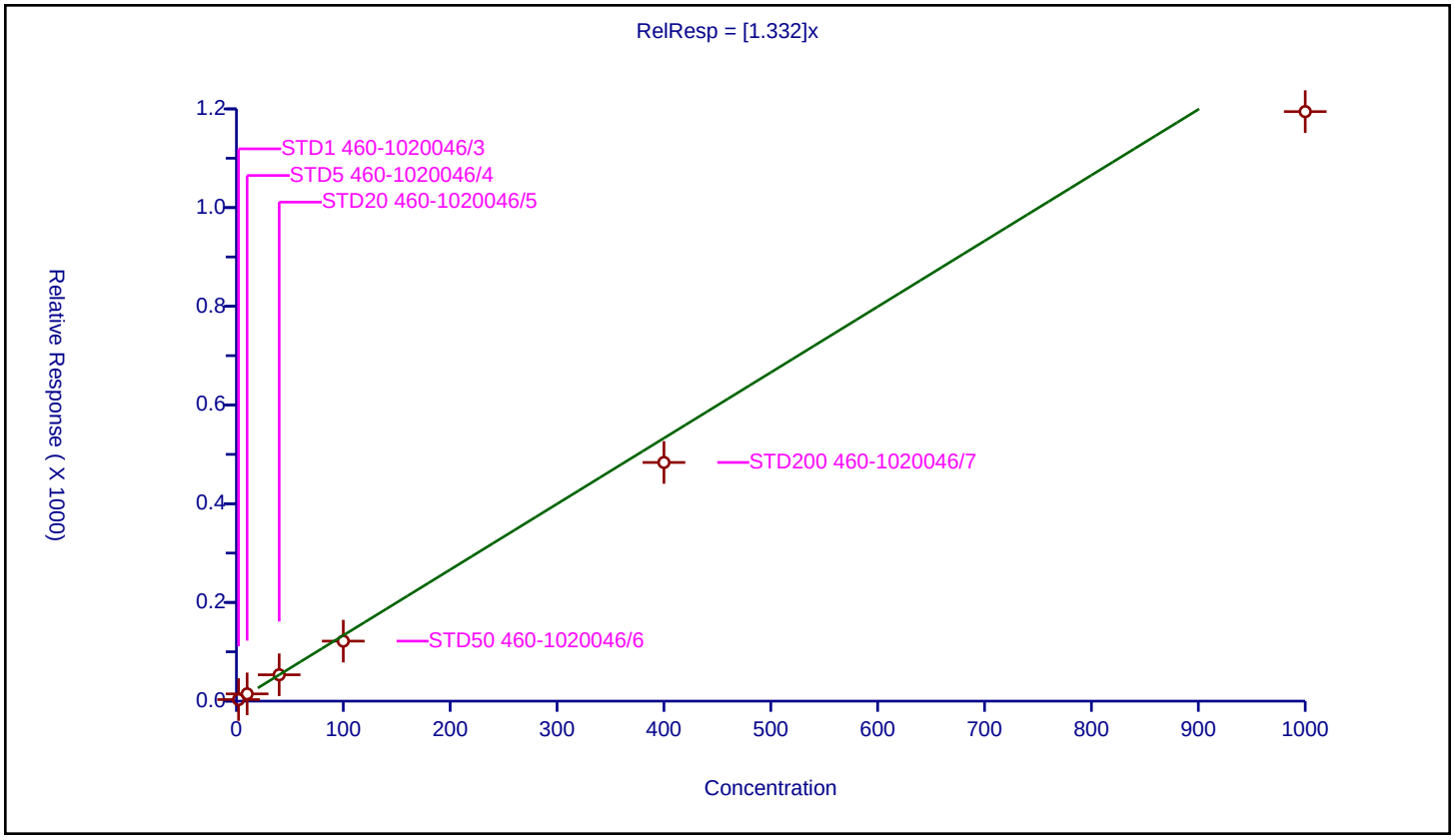
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.332 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 3.135327 | 1000.0 | 307145.0 | 1.567663 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 14.704558 | 1000.0 | 299703.0 | 1.470456 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 53.381146 | 1000.0 | 313444.0 | 1.334529 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 121.629281 | 1000.0 | 305239.0 | 1.216293 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 483.596512 | 1000.0 | 353309.0 | 1.208991 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 1194.494418 | 1000.0 | 381867.0 | 1.194494 | Y |



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## Calibration / Methacrylonitrile

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

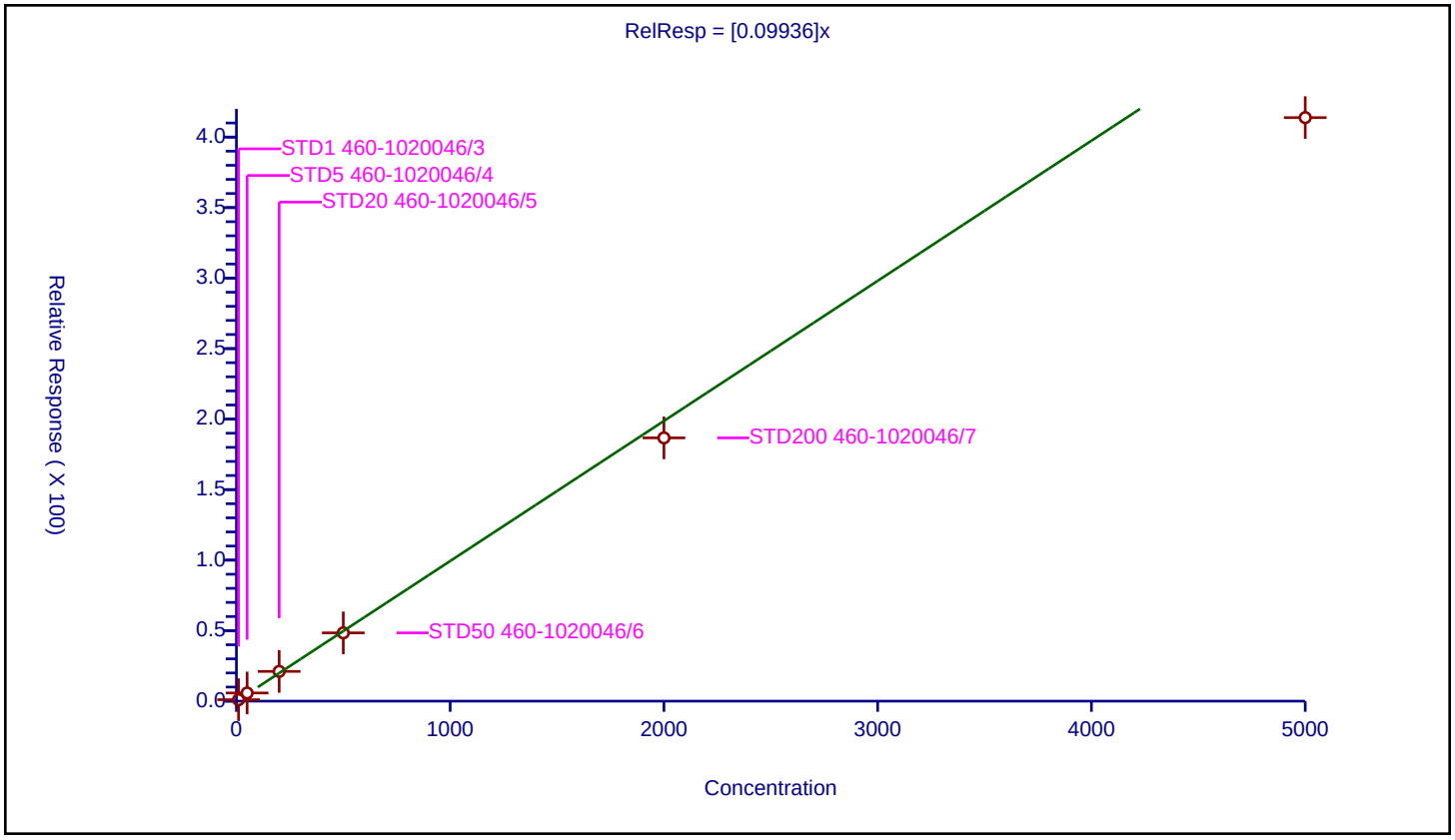
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09936 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 10.0 | 1.0216 | 50.0 | 598375.0 | 0.10216 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 5.780072 | 50.0 | 598496.0 | 0.115601 | Y |
| 3 | STD20 460-1020046/5 | 200.0 | 21.089169 | 50.0 | 621850.0 | 0.105446 | Y |
| 4 | STD50 460-1020046/6 | 500.0 | 48.410178 | 50.0 | 635983.0 | 0.09682 | Y |
| 5 | STD200 460-1020046/7 | 2000.0 | 186.691694 | 50.0 | 752917.0 | 0.093346 | Y |
| 6 | STD500 460-1020046/8 | 5000.0 | 413.809516 | 50.0 | 886950.0 | 0.082762 | Y |



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## Calibration / Chloroform

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

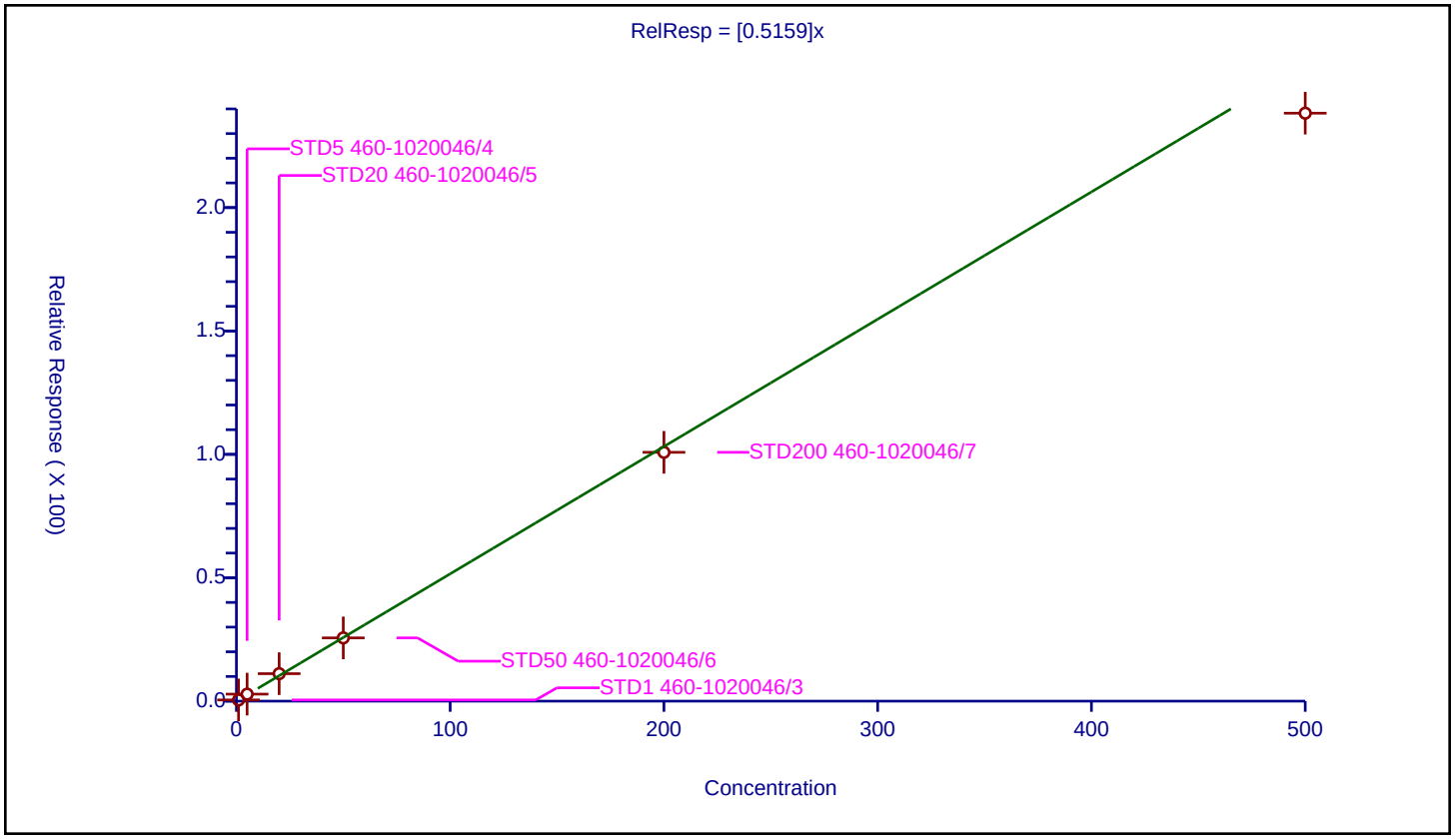
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5159 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.476541 | 50.0 | 598375.0 | 0.476541 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.84321 | 50.0 | 598496.0 | 0.568642 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 11.135804 | 50.0 | 621850.0 | 0.55679 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 25.630402 | 50.0 | 635983.0 | 0.512608 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 100.838738 | 50.0 | 752917.0 | 0.504194 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 238.262022 | 50.0 | 886950.0 | 0.476524 | Y |



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## Calibration / Cyclohexane

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

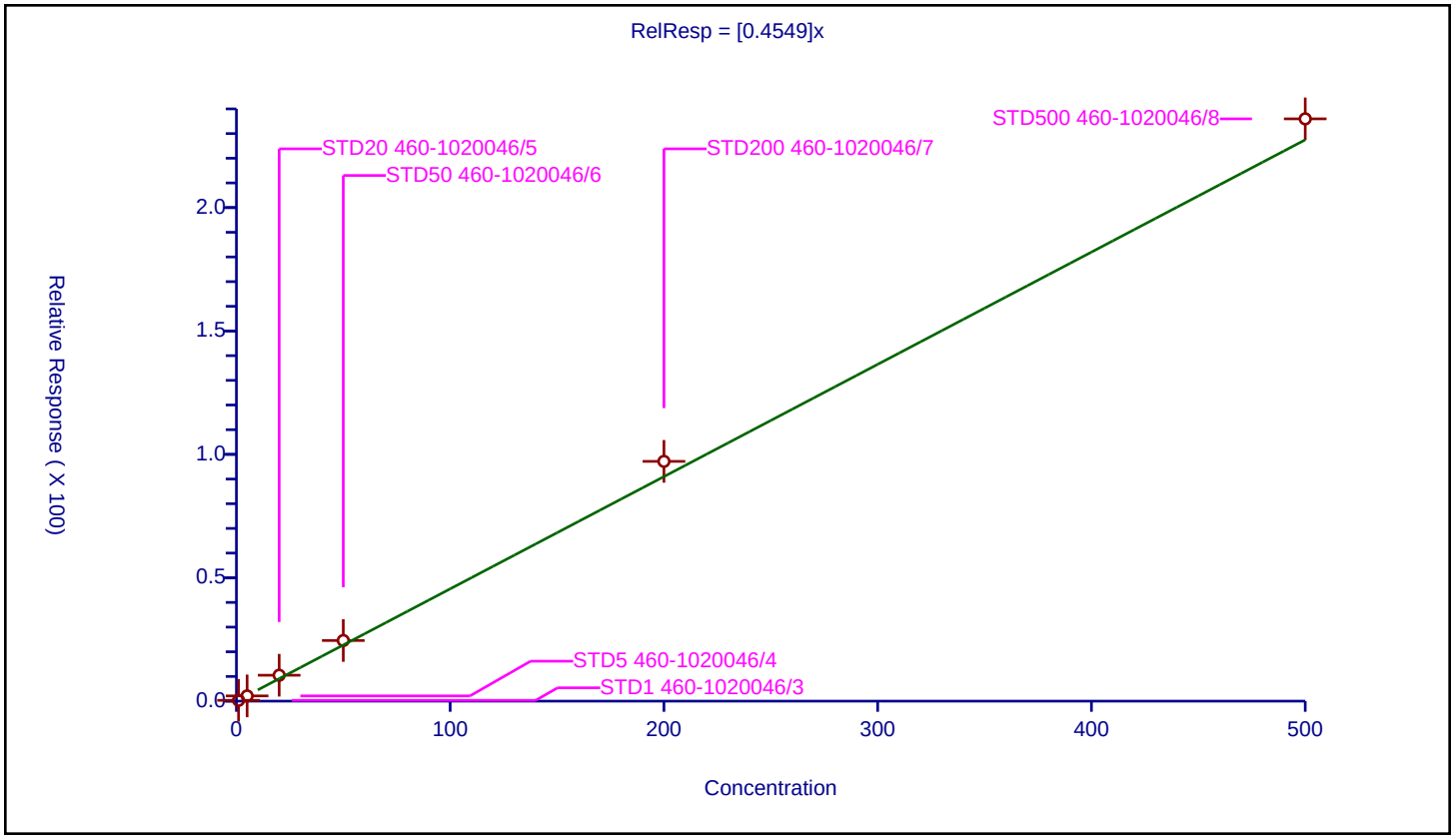
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4549 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.33123 | 50.0 | 598375.0 | 0.33123 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.1209 | 50.0 | 598496.0 | 0.42418 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 10.500442 | 50.0 | 621850.0 | 0.525022 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 24.56811 | 50.0 | 635983.0 | 0.491362 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 97.168811 | 50.0 | 752917.0 | 0.485844 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 235.963921 | 50.0 | 886950.0 | 0.471928 | Y |



## Calibration / 1,1,1-Trichloroethane

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

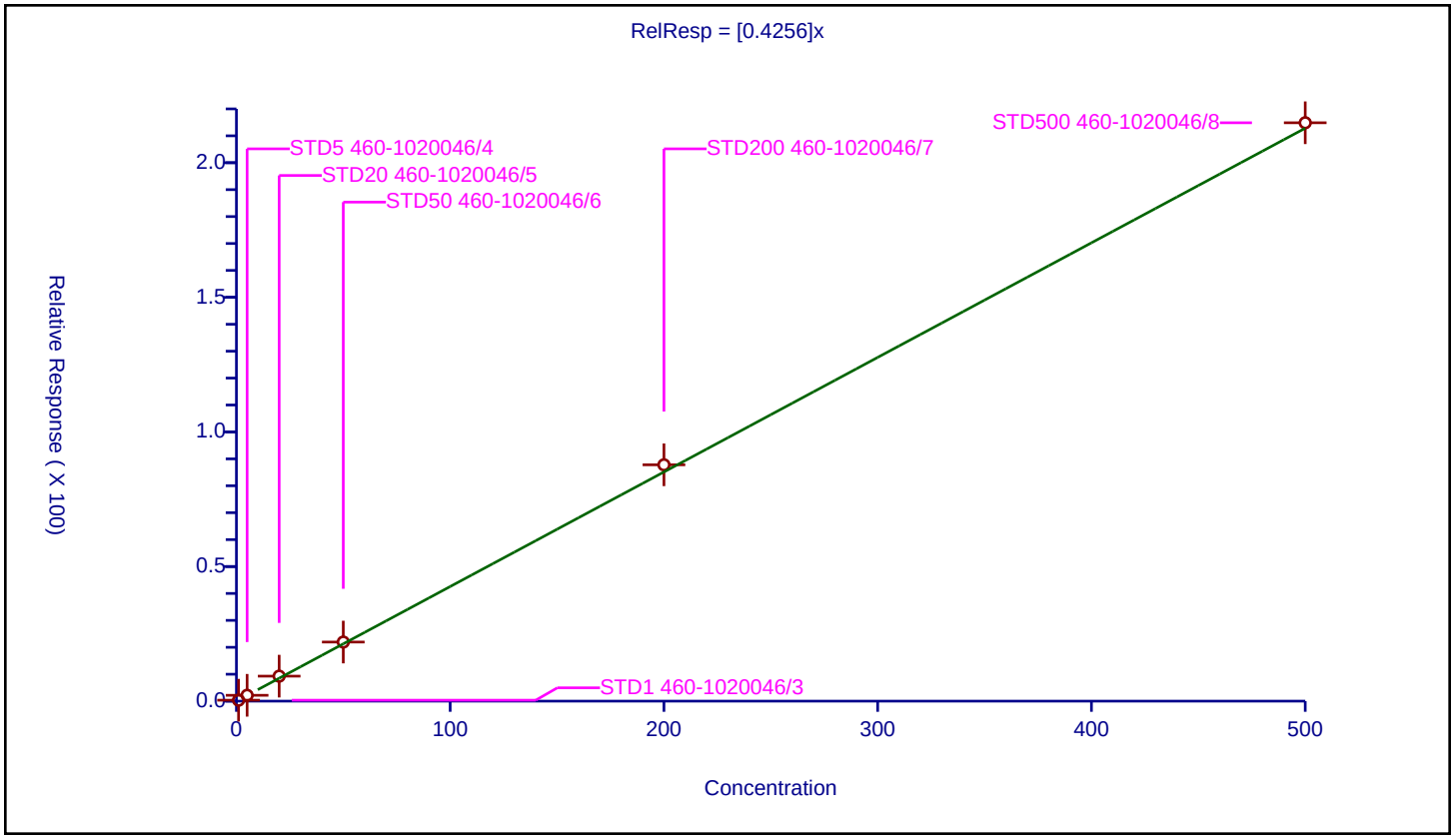
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4256 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.348277 | 50.0 | 598375.0 | 0.348277 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.168101 | 50.0 | 598496.0 | 0.43362 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 9.28576 | 50.0 | 621850.0 | 0.464288 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 21.947756 | 50.0 | 635983.0 | 0.438955 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 87.79062 | 50.0 | 752917.0 | 0.438953 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 214.841536 | 50.0 | 886950.0 | 0.429683 | Y |



## Calibration / Dibromofluoromethane (Surr)

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

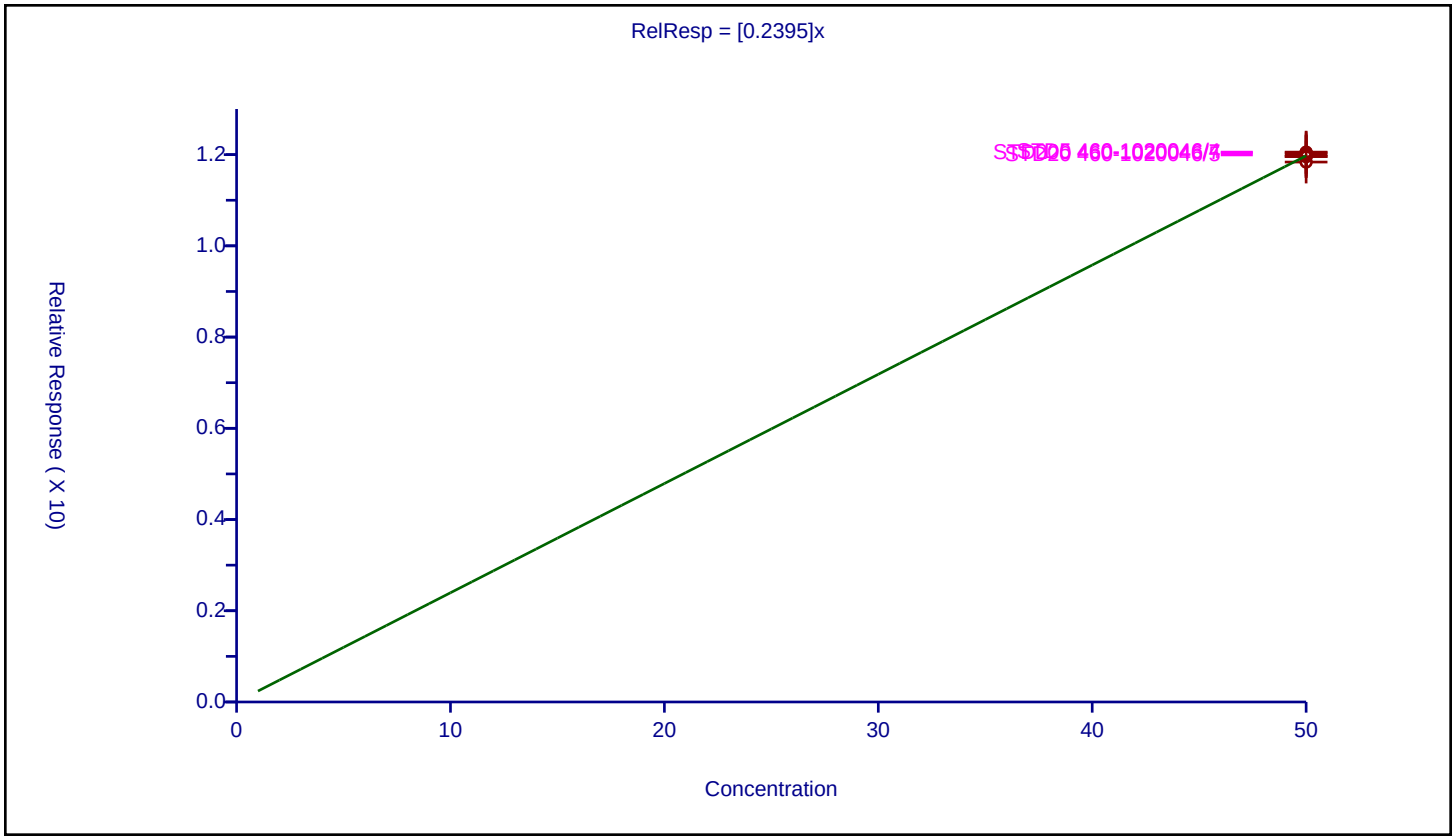
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2395 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 50.0 | 11.95705 | 50.0 | 598375.0 | 0.239141 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 12.055385 | 50.0 | 598496.0 | 0.241108 | Y |
| 3 | STD20 460-1020046/5 | 50.0 | 11.993246 | 50.0 | 621850.0 | 0.239865 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 11.837345 | 50.0 | 635983.0 | 0.236747 | Y |
| 5 | STD200 460-1020046/7 | 50.0 | 12.04057 | 50.0 | 752917.0 | 0.240811 | Y |
| 6 | STD500 460-1020046/8 | 50.0 | 11.960032 | 50.0 | 886950.0 | 0.239201 | Y |



## Calibration / Carbon tetrachloride

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

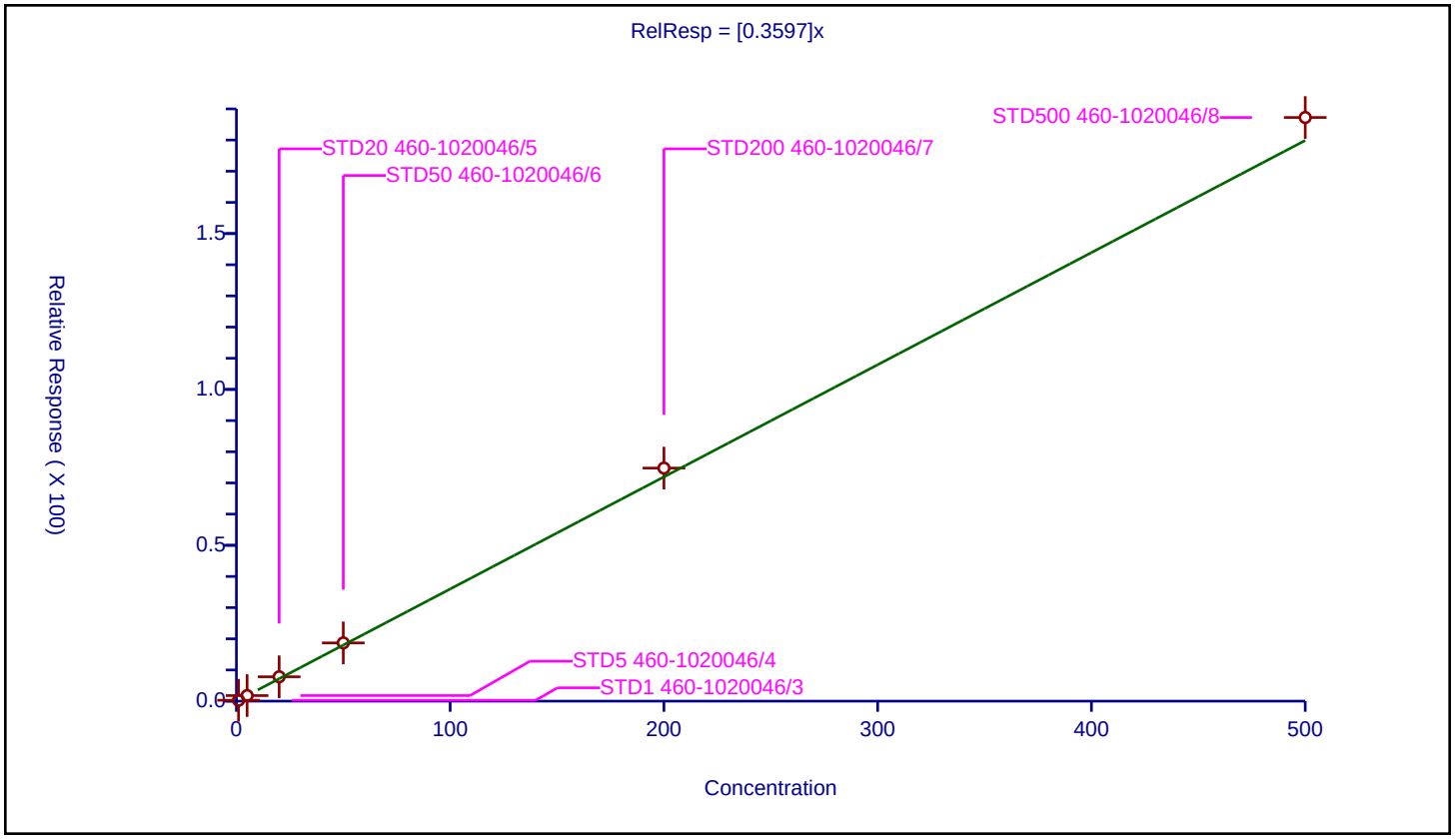
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3597 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.288782 | 50.0 | 598375.0 | 0.288782 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.784557 | 50.0 | 598496.0 | 0.356911 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.81748 | 50.0 | 621850.0 | 0.390874 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 18.680609 | 50.0 | 635983.0 | 0.373612 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 74.767139 | 50.0 | 752917.0 | 0.373836 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 187.239021 | 50.0 | 886950.0 | 0.374478 | Y |



## Calibration / 1,1-Dichloropropene

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

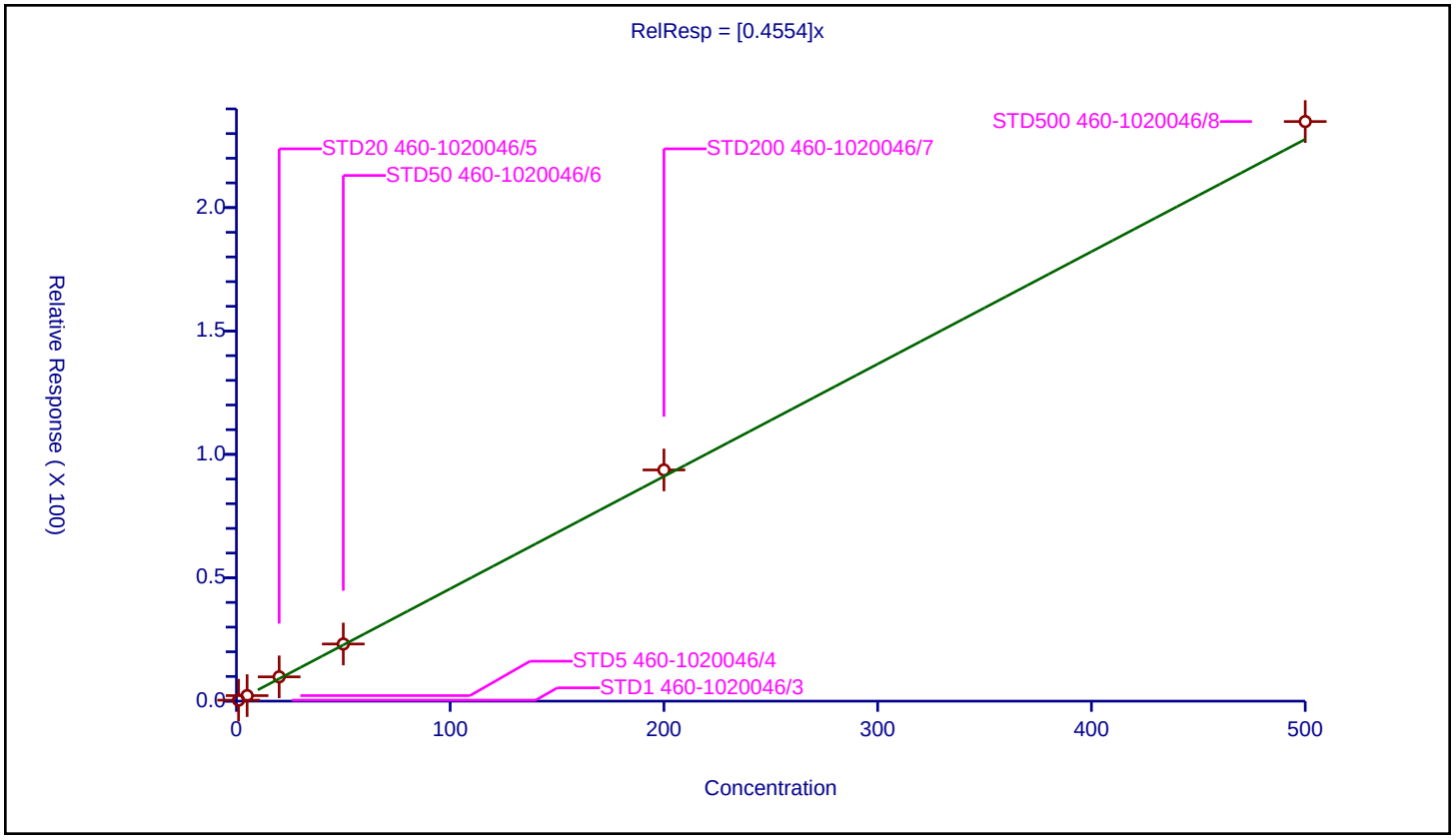
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4554 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.390056 | 50.0 | 598375.0 | 0.390056 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.240784 | 50.0 | 598496.0 | 0.448157 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 9.852456 | 50.0 | 621850.0 | 0.492623 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 23.161075 | 50.0 | 635983.0 | 0.463222 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 93.689676 | 50.0 | 752917.0 | 0.468448 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 234.870004 | 50.0 | 886950.0 | 0.46974 | Y |



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## Calibration / Isobutyl alcohol

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

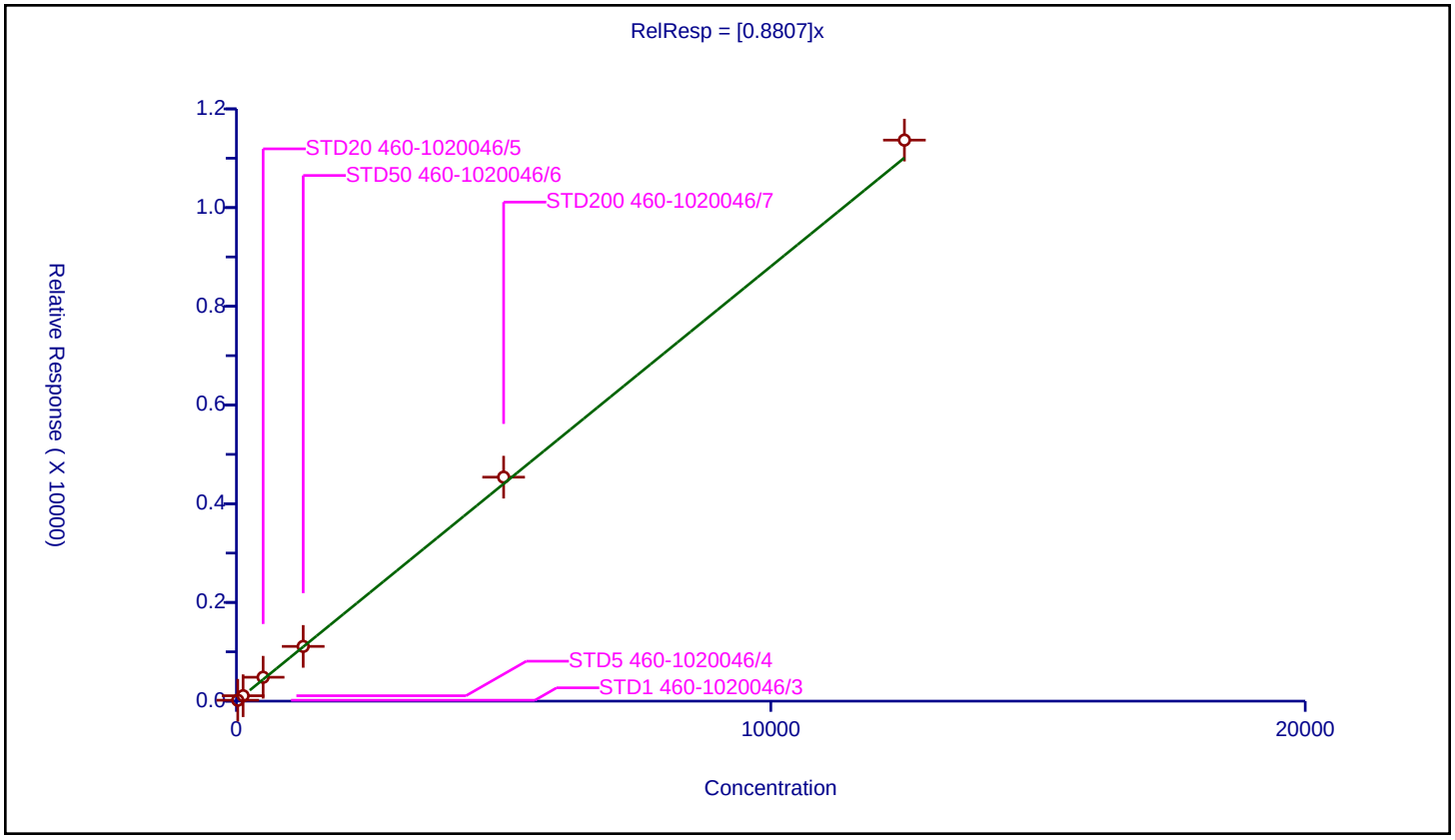
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8807 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 25.0 | 18.365918 | 1000.0 | 307145.0 | 0.734637 | Y |
| 2 | STD5 460-1020046/4 | 125.0 | 109.575146 | 1000.0 | 299703.0 | 0.876601 | Y |
| 3 | STD20 460-1020046/5 | 500.0 | 484.33532 | 1000.0 | 313444.0 | 0.968671 | Y |
| 4 | STD50 460-1020046/6 | 1250.0 | 1109.186572 | 1000.0 | 305239.0 | 0.887349 | Y |
| 5 | STD200 460-1020046/7 | 5000.0 | 4538.423873 | 1000.0 | 353309.0 | 0.907685 | Y |
| 6 | STD500 460-1020046/8 | 12500.0 | 11367.483967 | 1000.0 | 381867.0 | 0.909399 | Y |



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## Calibration / Isooctane

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

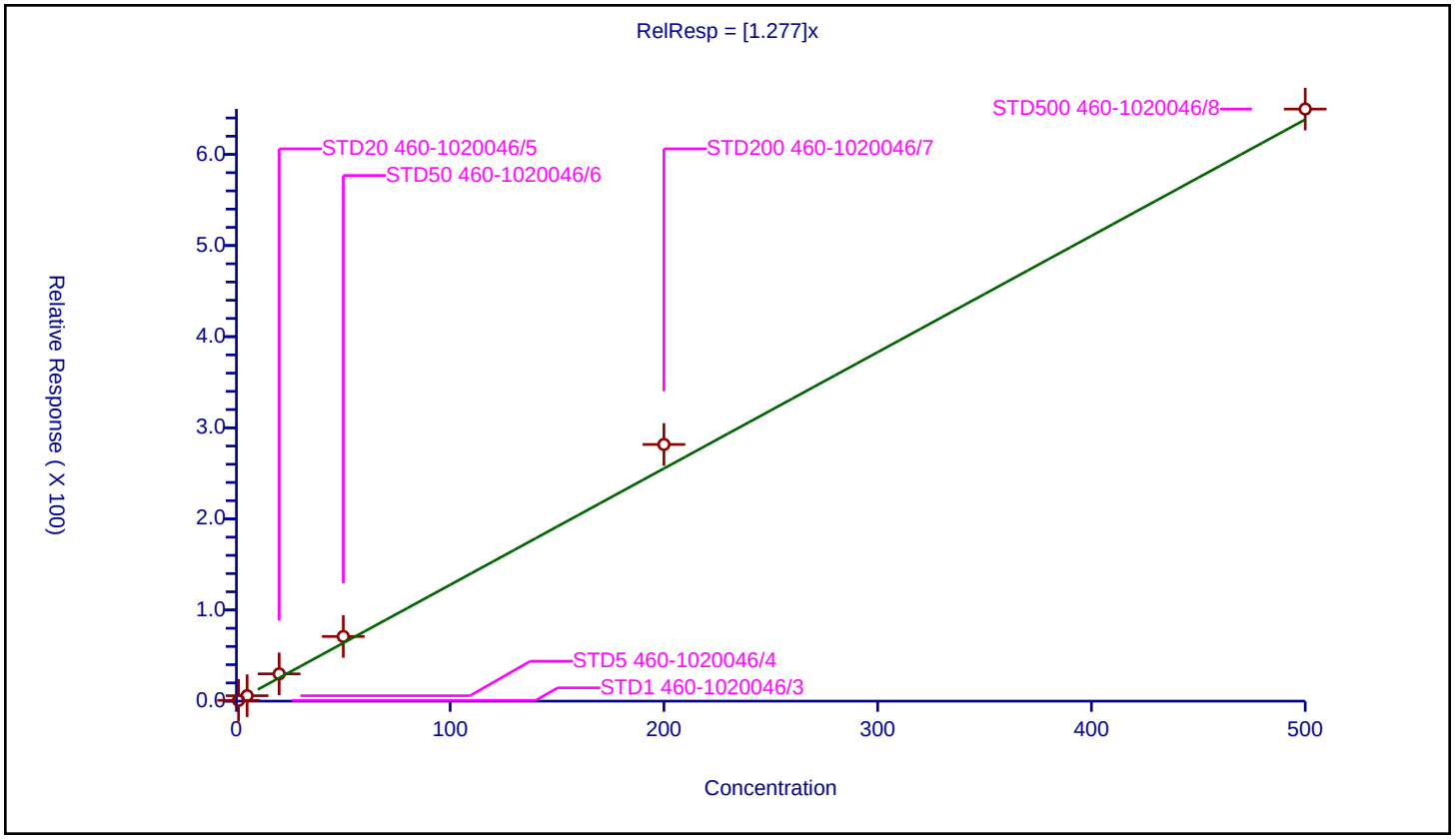
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.277 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.84203 | 50.0 | 598375.0 | 0.84203 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.961026 | 50.0 | 598496.0 | 1.192205 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 29.956903 | 50.0 | 621850.0 | 1.497845 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 70.983029 | 50.0 | 635983.0 | 1.419661 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 281.711264 | 50.0 | 752917.0 | 1.408556 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 649.791646 | 50.0 | 886950.0 | 1.299583 | Y |



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## Calibration / Benzene

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

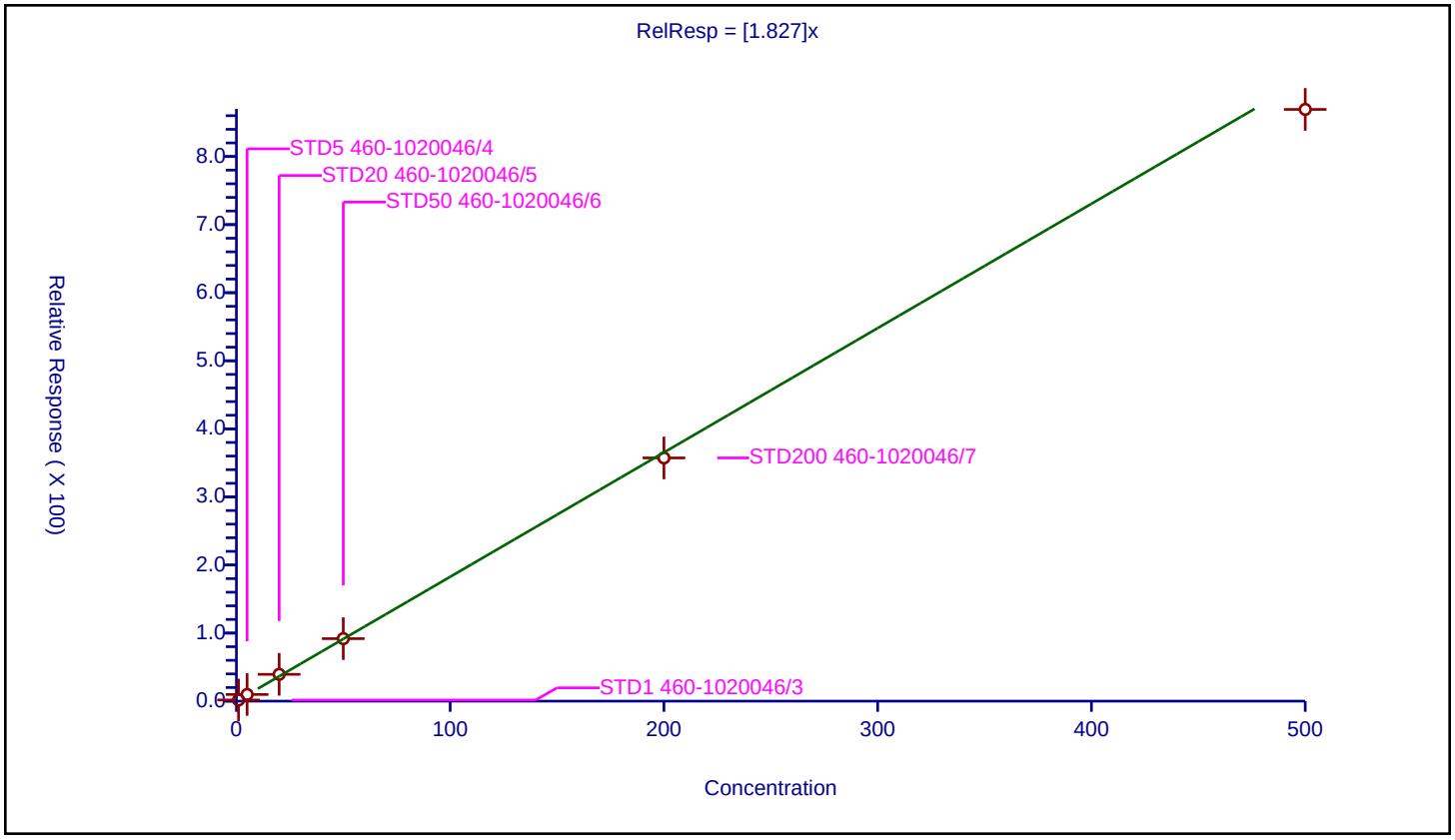
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.827 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.669775 | 50.0 | 398347.0 | 1.669775 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 9.793029 | 50.0 | 399427.0 | 1.958606 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 39.397785 | 50.0 | 415649.0 | 1.969889 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 91.818855 | 50.0 | 428143.0 | 1.836377 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 357.25522 | 50.0 | 509957.0 | 1.786276 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 869.215579 | 50.0 | 579587.0 | 1.738431 | Y |



## Calibration / 1,2-Dichloroethane-d4 (Surr)

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

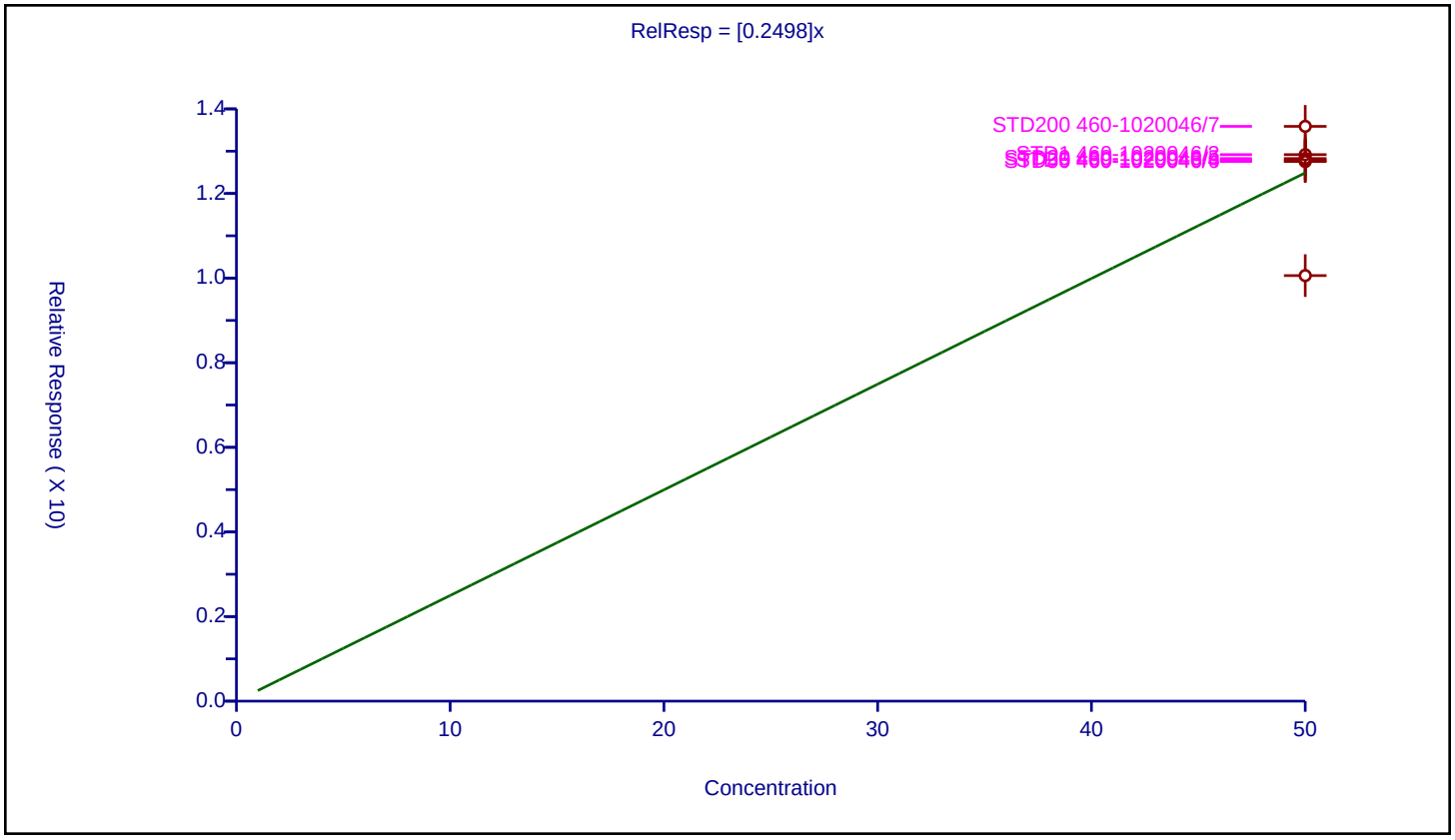
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2498 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 50.0 | 12.918989 | 50.0 | 598375.0 | 0.25838 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 12.779701 | 50.0 | 598496.0 | 0.255594 | Y |
| 3 | STD20 460-1020046/5 | 50.0 | 12.826727 | 50.0 | 621850.0 | 0.256535 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 12.755137 | 50.0 | 635983.0 | 0.255103 | Y |
| 5 | STD200 460-1020046/7 | 50.0 | 13.586956 | 50.0 | 752917.0 | 0.271739 | Y |
| 6 | STD500 460-1020046/8 | 50.0 | 10.059417 | 50.0 | 886950.0 | 0.201188 | Y |



## Calibration / Tert-amyl methyl ether

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

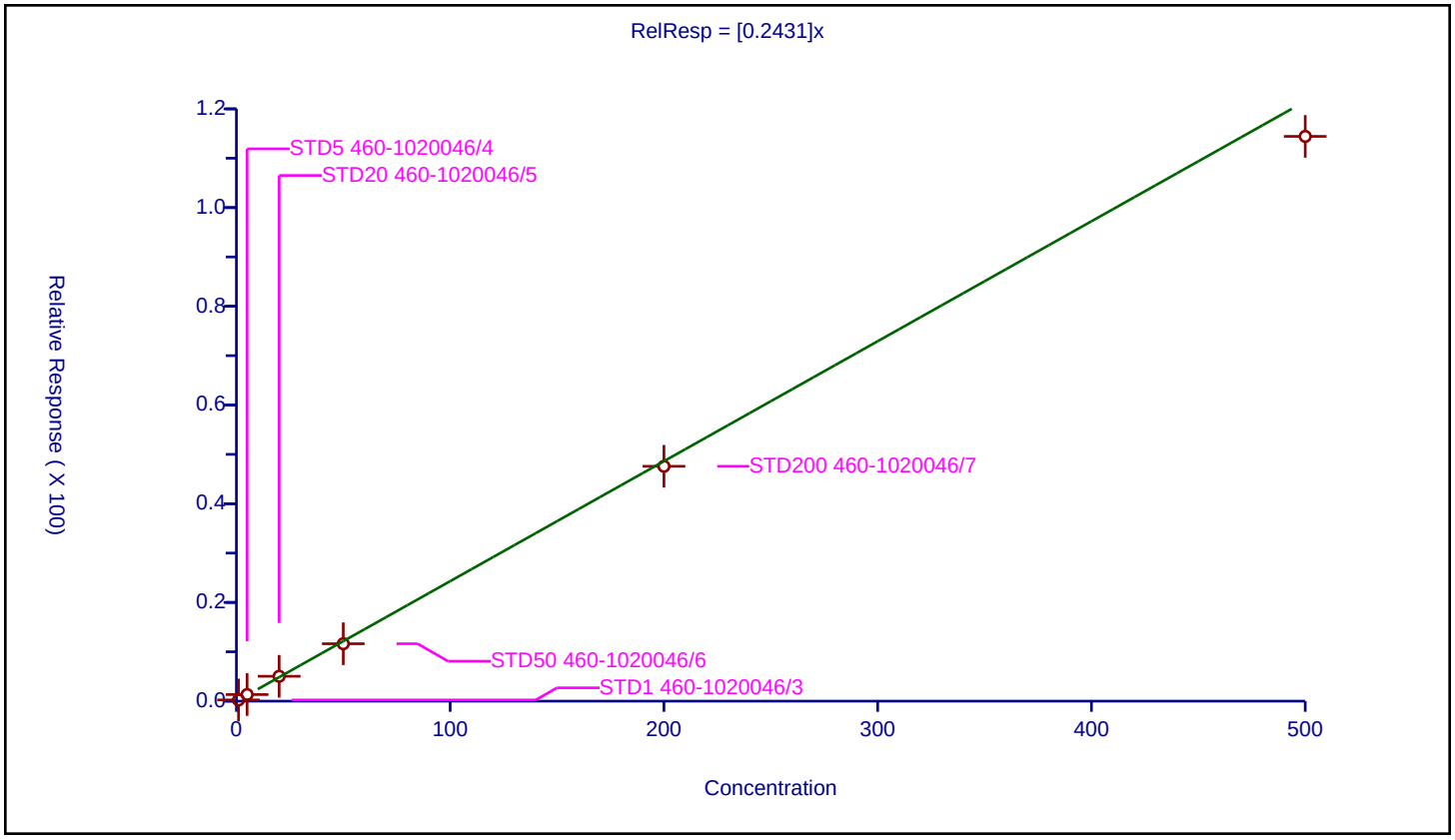
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2431 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.239482 | 50.0 | 598375.0 | 0.239482 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.337185 | 50.0 | 598496.0 | 0.267437 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 5.040283 | 50.0 | 621850.0 | 0.252014 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 11.63443 | 50.0 | 635983.0 | 0.232689 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 47.584993 | 50.0 | 752917.0 | 0.237925 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 114.424263 | 50.0 | 886950.0 | 0.228849 | Y |



## Calibration / 1,2-Dichloroethane

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

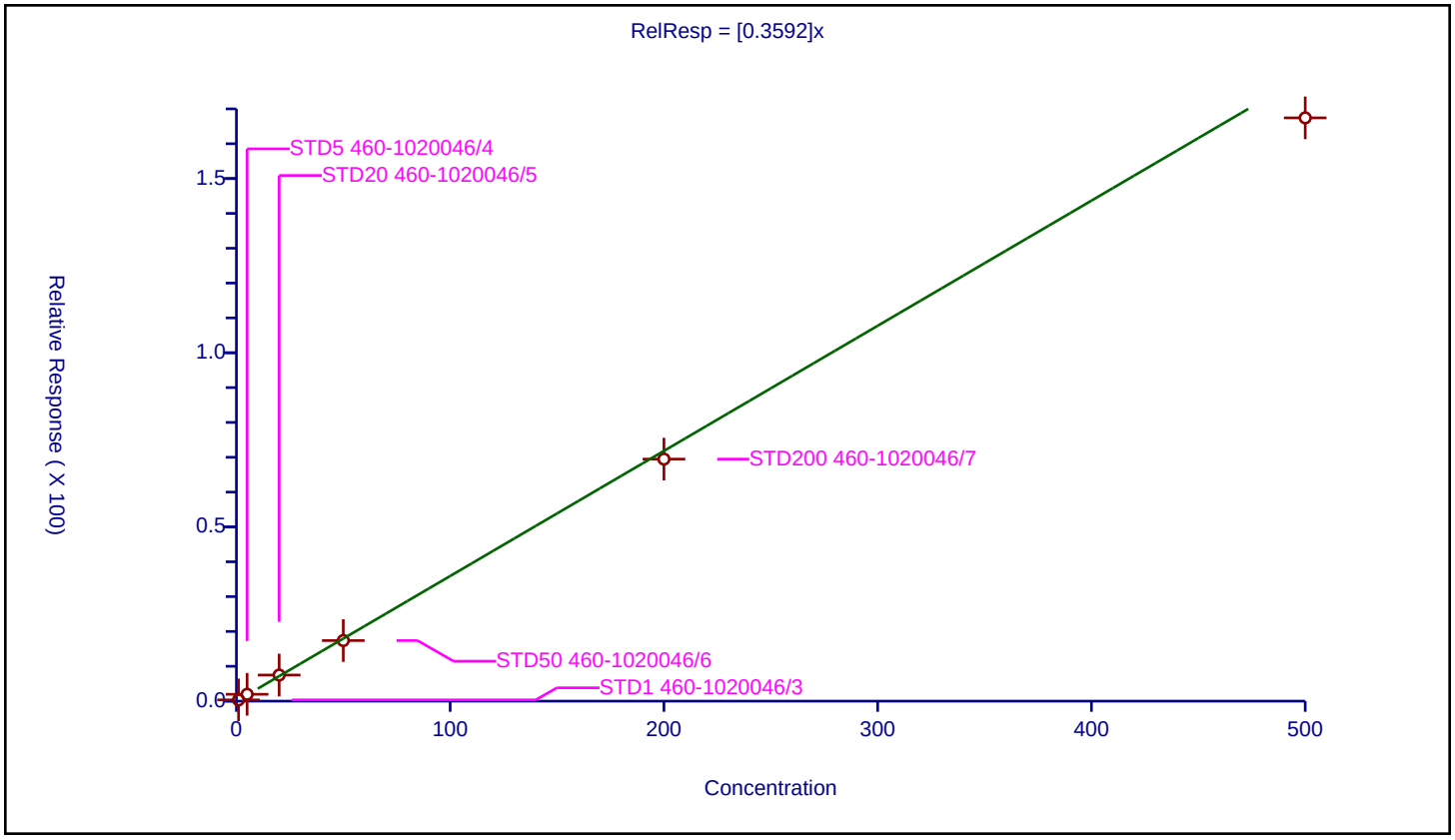
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3592 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.356215 | 50.0 | 598375.0 | 0.356215 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.972027 | 50.0 | 598496.0 | 0.394405 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.485165 | 50.0 | 621850.0 | 0.374258 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.391503 | 50.0 | 635983.0 | 0.34783 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 69.475055 | 50.0 | 752917.0 | 0.347375 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 167.424601 | 50.0 | 886950.0 | 0.334849 | Y |



## Calibration / Isopropyl acetate

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

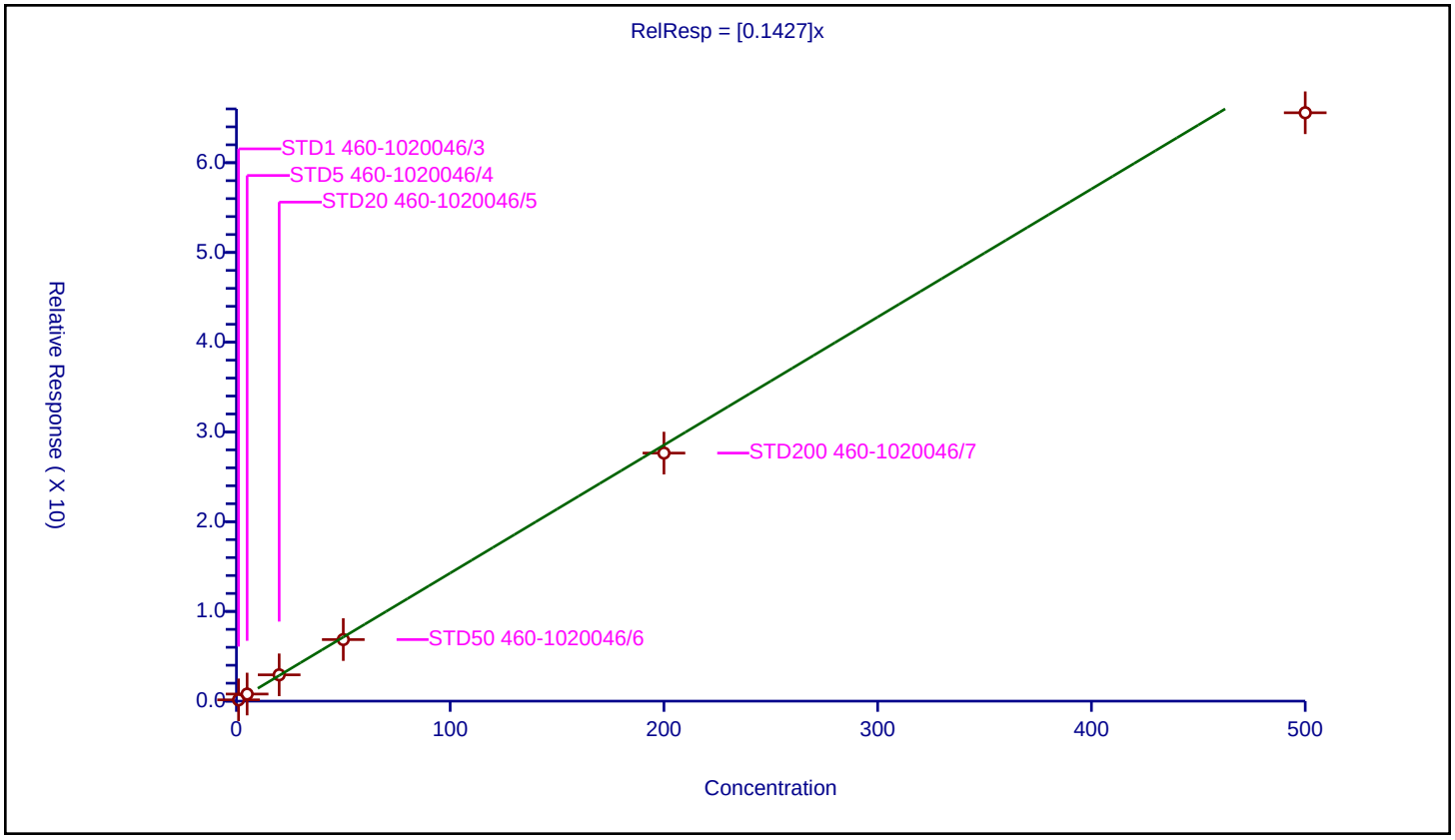
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1427 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.144475 | 50.0 | 598375.0 | 0.144475 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.792403 | 50.0 | 598496.0 | 0.158481 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 2.930691 | 50.0 | 621850.0 | 0.146535 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 6.862054 | 50.0 | 635983.0 | 0.137241 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 27.643884 | 50.0 | 752917.0 | 0.138219 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 65.56886 | 50.0 | 886950.0 | 0.131138 | Y |



## Calibration / n-Heptane

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

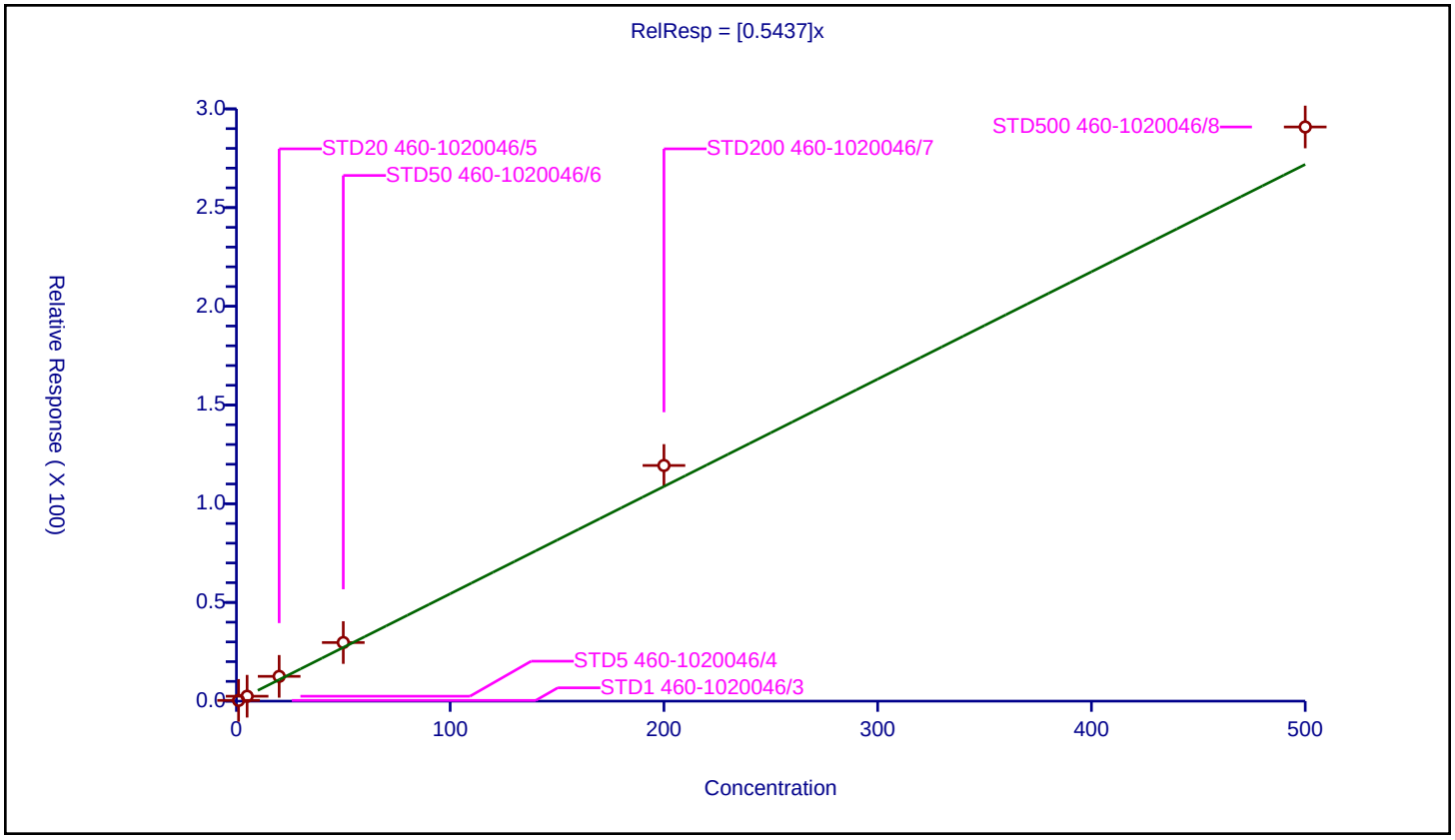
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.365991 | 50.0 | 598375.0 | 0.365991 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.483475 | 50.0 | 598496.0 | 0.496695 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 12.550374 | 50.0 | 621850.0 | 0.627519 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 29.681925 | 50.0 | 635983.0 | 0.593639 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 119.371192 | 50.0 | 752917.0 | 0.596856 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 290.842719 | 50.0 | 886950.0 | 0.581685 | Y |



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## Calibration / n-Butanol

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

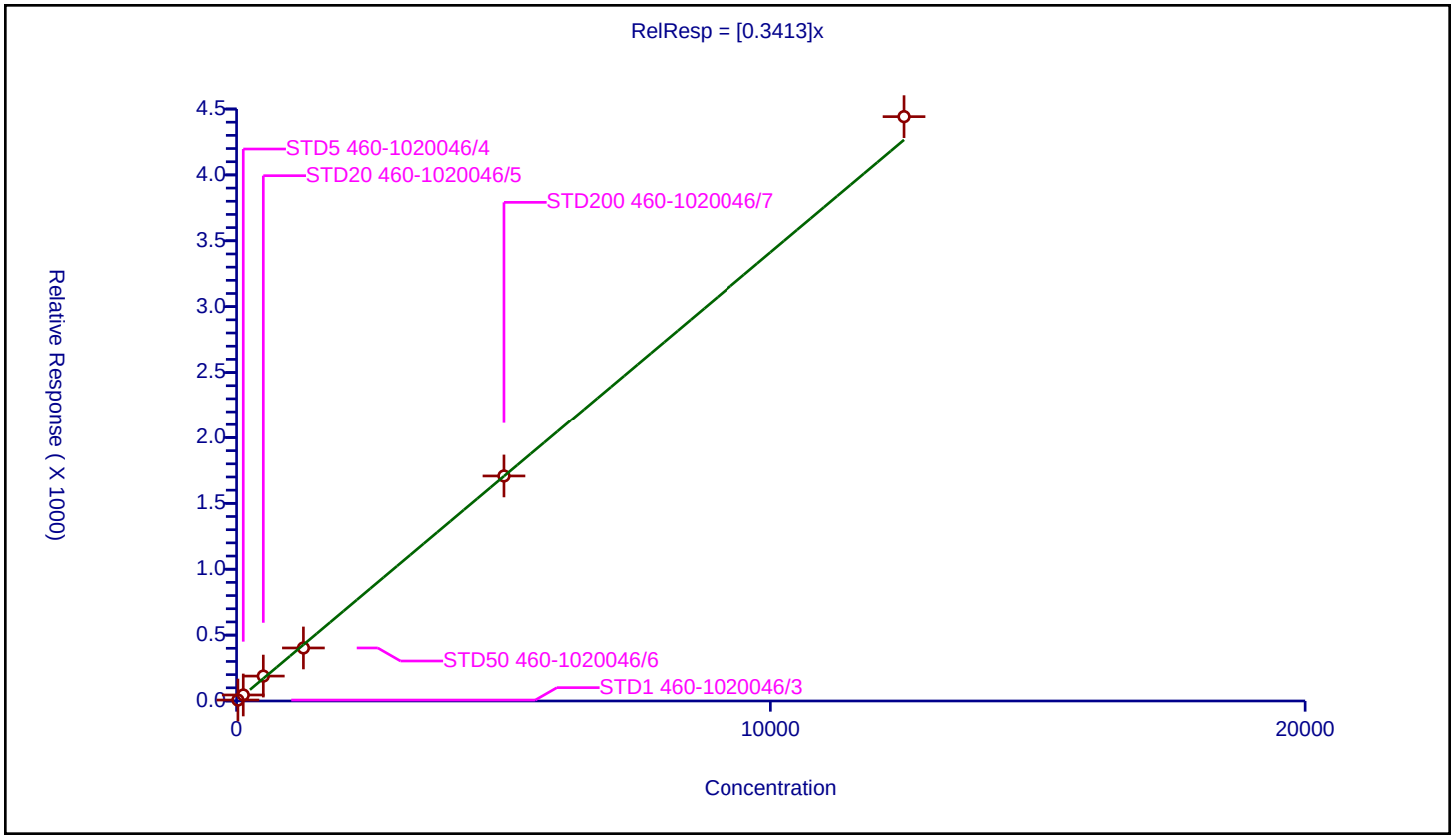
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3413 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 25.0 | 7.130183 | 1000.0 | 307145.0 | 0.285207 | Y |
| 2 | STD5 460-1020046/4 | 125.0 | 45.681892 | 1000.0 | 299703.0 | 0.365455 | Y |
| 3 | STD20 460-1020046/5 | 500.0 | 189.092789 | 1000.0 | 313444.0 | 0.378186 | Y |
| 4 | STD50 460-1020046/6 | 1250.0 | 402.327357 | 1000.0 | 305239.0 | 0.321862 | Y |
| 5 | STD200 460-1020046/7 | 5000.0 | 1707.966681 | 1000.0 | 353309.0 | 0.341593 | Y |
| 6 | STD500 460-1020046/8 | 12500.0 | 4442.198462 | 1000.0 | 381867.0 | 0.355376 | Y |



## Calibration / Trichloroethene

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

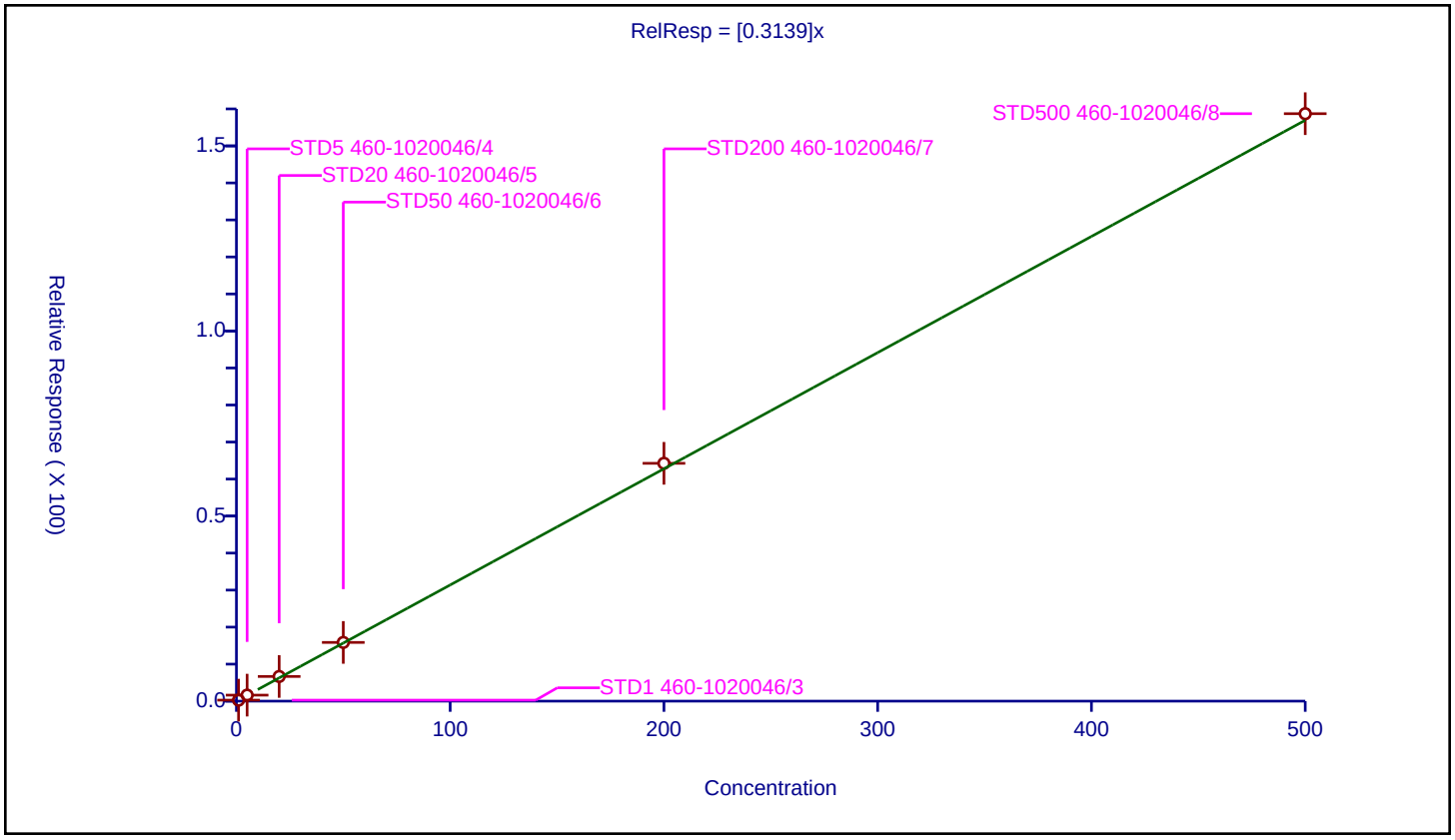
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3139 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.269062 | 50.0 | 598375.0 | 0.269062 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.623236 | 50.0 | 598496.0 | 0.324647 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.669776 | 50.0 | 621850.0 | 0.333489 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.863081 | 50.0 | 635983.0 | 0.317262 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 64.251438 | 50.0 | 752917.0 | 0.321257 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 158.702745 | 50.0 | 886950.0 | 0.317405 | Y |



## Calibration / Methylcyclohexane

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

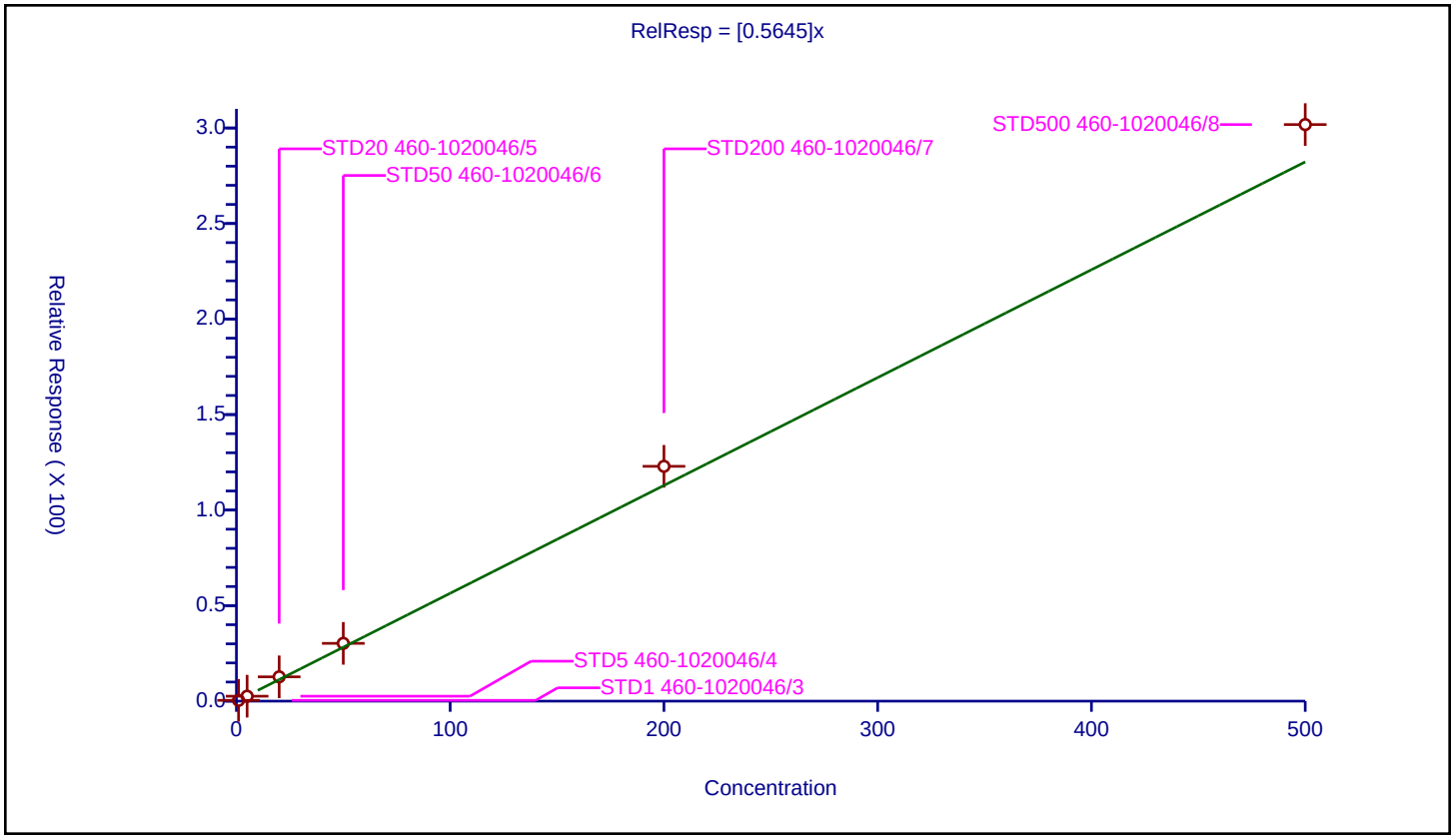
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5645 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.410696 | 50.0 | 598375.0 | 0.410696 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.584646 | 50.0 | 598496.0 | 0.516929 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 12.726944 | 50.0 | 621850.0 | 0.636347 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 30.248293 | 50.0 | 635983.0 | 0.604966 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 122.917798 | 50.0 | 752917.0 | 0.614589 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 301.79328 | 50.0 | 886950.0 | 0.603587 | Y |



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## Calibration / Ethyl acrylate

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

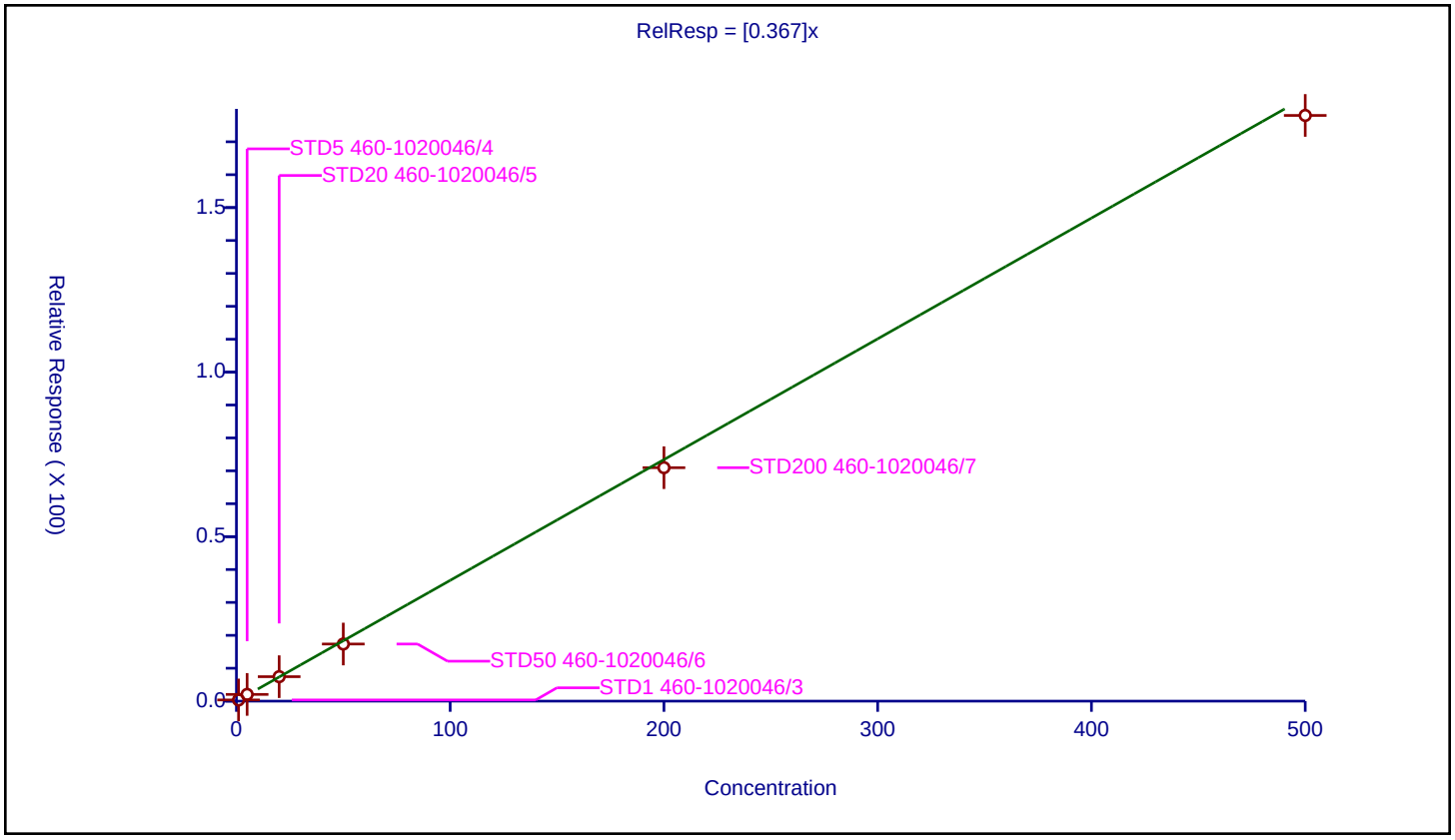
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.367 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.363819 | 50.0 | 598375.0 | 0.363819 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.042787 | 50.0 | 598496.0 | 0.408557 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.437646 | 50.0 | 621850.0 | 0.371882 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.359426 | 50.0 | 635983.0 | 0.347189 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 70.957489 | 50.0 | 752917.0 | 0.354787 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 178.009696 | 50.0 | 886950.0 | 0.356019 | Y |



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## Calibration / 1,2-Dichloropropane

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

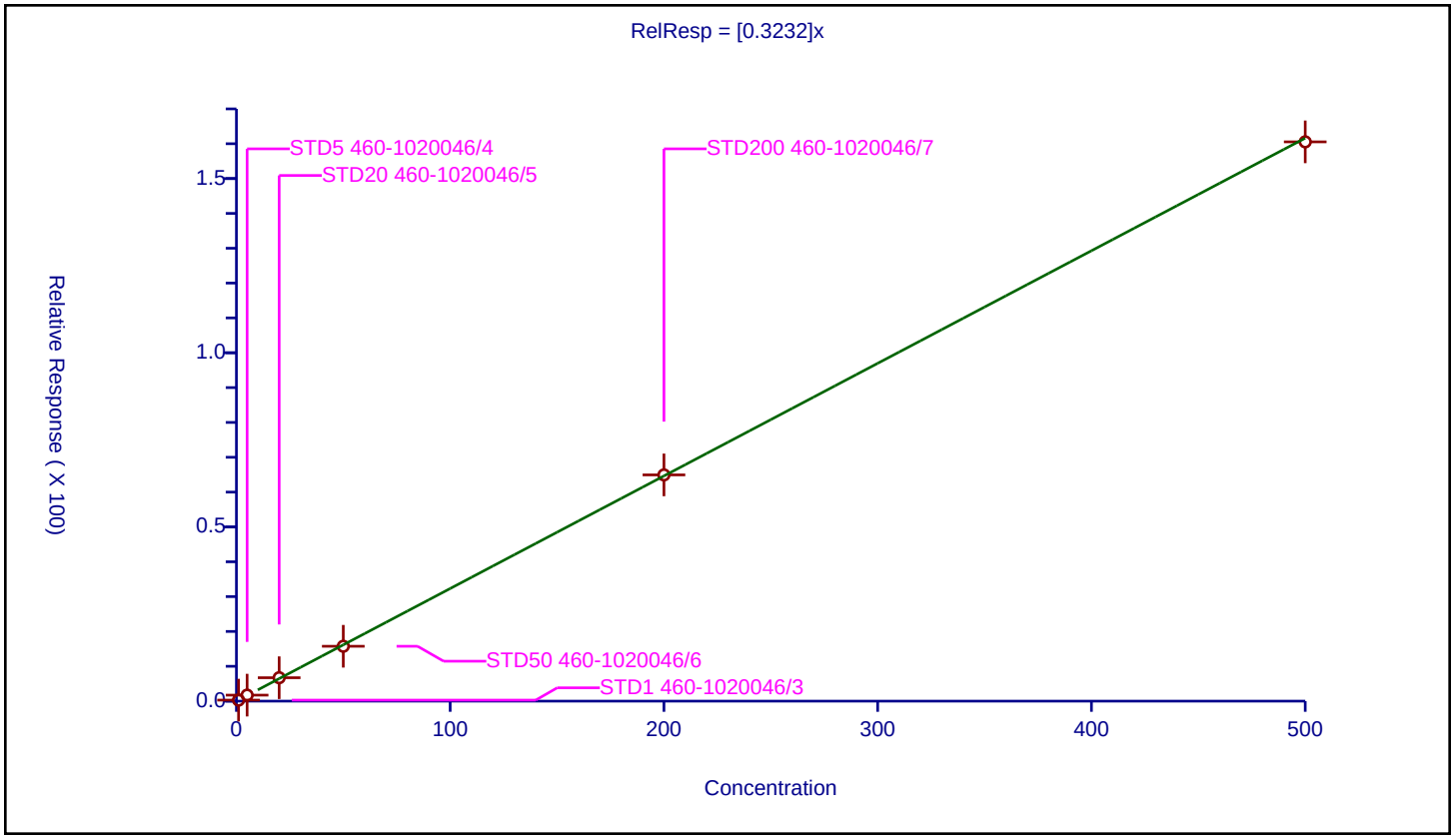
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3232 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.29789 | 50.0 | 598375.0 | 0.29789 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.7219 | 50.0 | 598496.0 | 0.34438 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.723004 | 50.0 | 621850.0 | 0.33615 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.754824 | 50.0 | 635983.0 | 0.315096 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 64.939163 | 50.0 | 752917.0 | 0.324696 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 160.535656 | 50.0 | 886950.0 | 0.321071 | Y |



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## Calibration / Methyl methacrylate

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

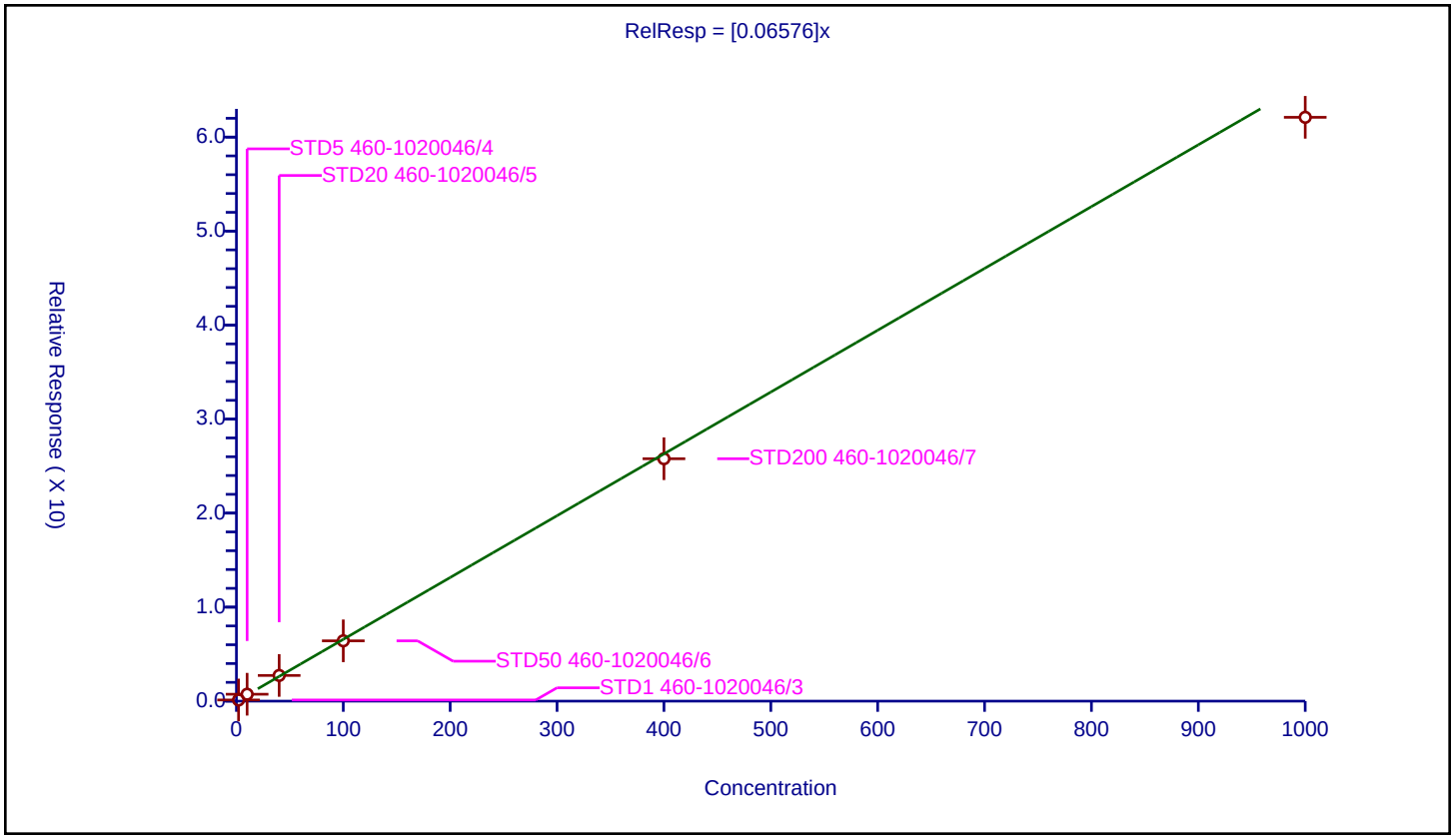
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06576 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 0.124003 | 50.0 | 598375.0 | 0.062001 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 0.734591 | 50.0 | 598496.0 | 0.073459 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 2.733537 | 50.0 | 621850.0 | 0.068338 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 6.41676 | 50.0 | 635983.0 | 0.064168 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 25.787437 | 50.0 | 752917.0 | 0.064469 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 62.104346 | 50.0 | 886950.0 | 0.062104 | Y |



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## Calibration / 1,4-Dioxane

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

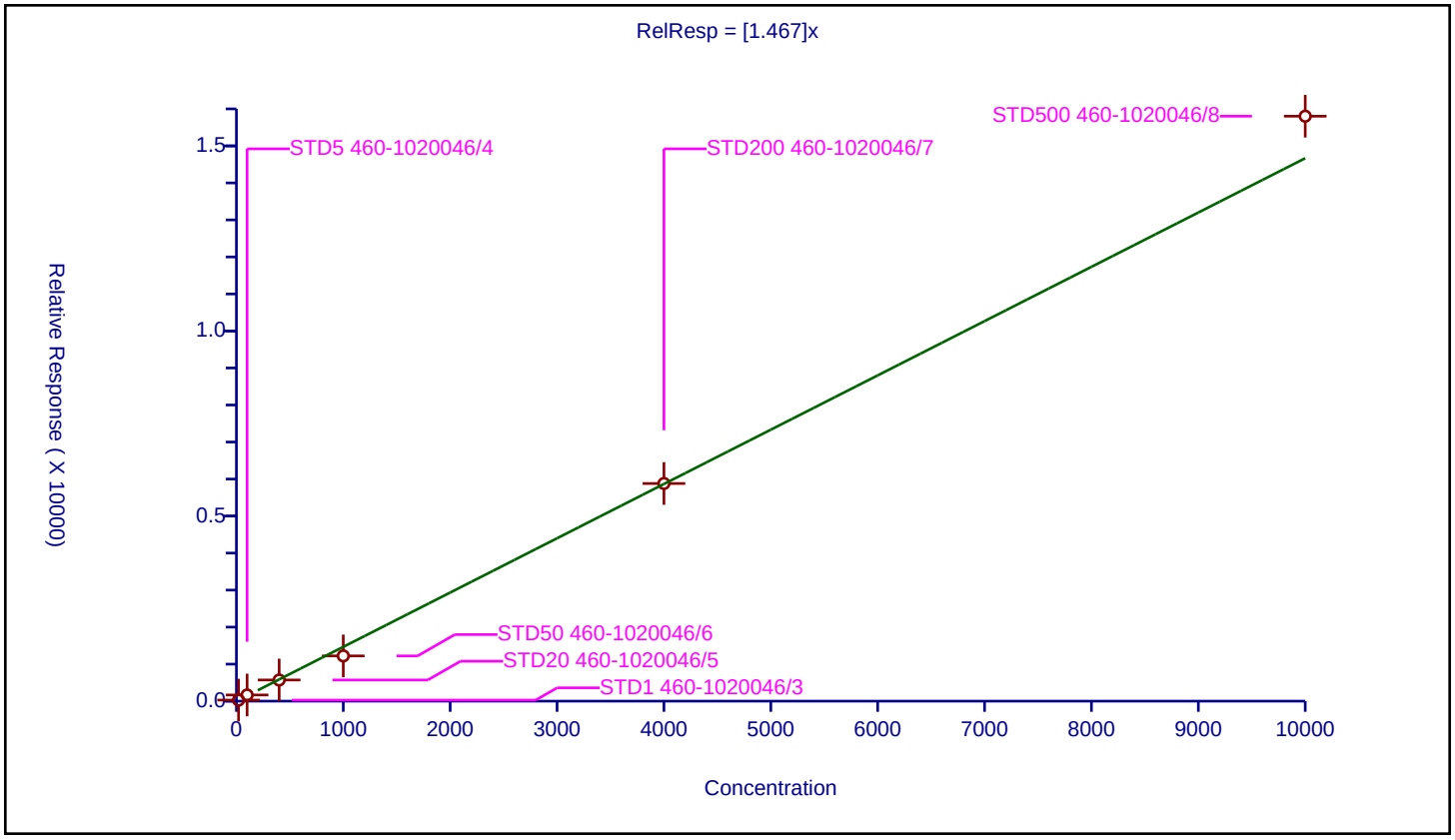
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.467 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 20.0 | 28.661675 | 1000.0 | 25644.0 | 1.433084 | Y |
| 2 | STD5 460-1020046/4 | 100.0 | 166.652916 | 1000.0 | 24242.0 | 1.666529 | Y |
| 3 | STD20 460-1020046/5 | 400.0 | 571.309803 | 1000.0 | 26462.0 | 1.428275 | Y |
| 4 | STD50 460-1020046/6 | 1000.0 | 1221.854069 | 1000.0 | 28068.0 | 1.221854 | Y |
| 5 | STD200 460-1020046/7 | 4000.0 | 5879.61471 | 1000.0 | 27927.0 | 1.469904 | Y |
| 6 | STD500 460-1020046/8 | 10000.0 | 15801.819276 | 1000.0 | 29902.0 | 1.580182 | Y |



## Calibration / Dibromomethane

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

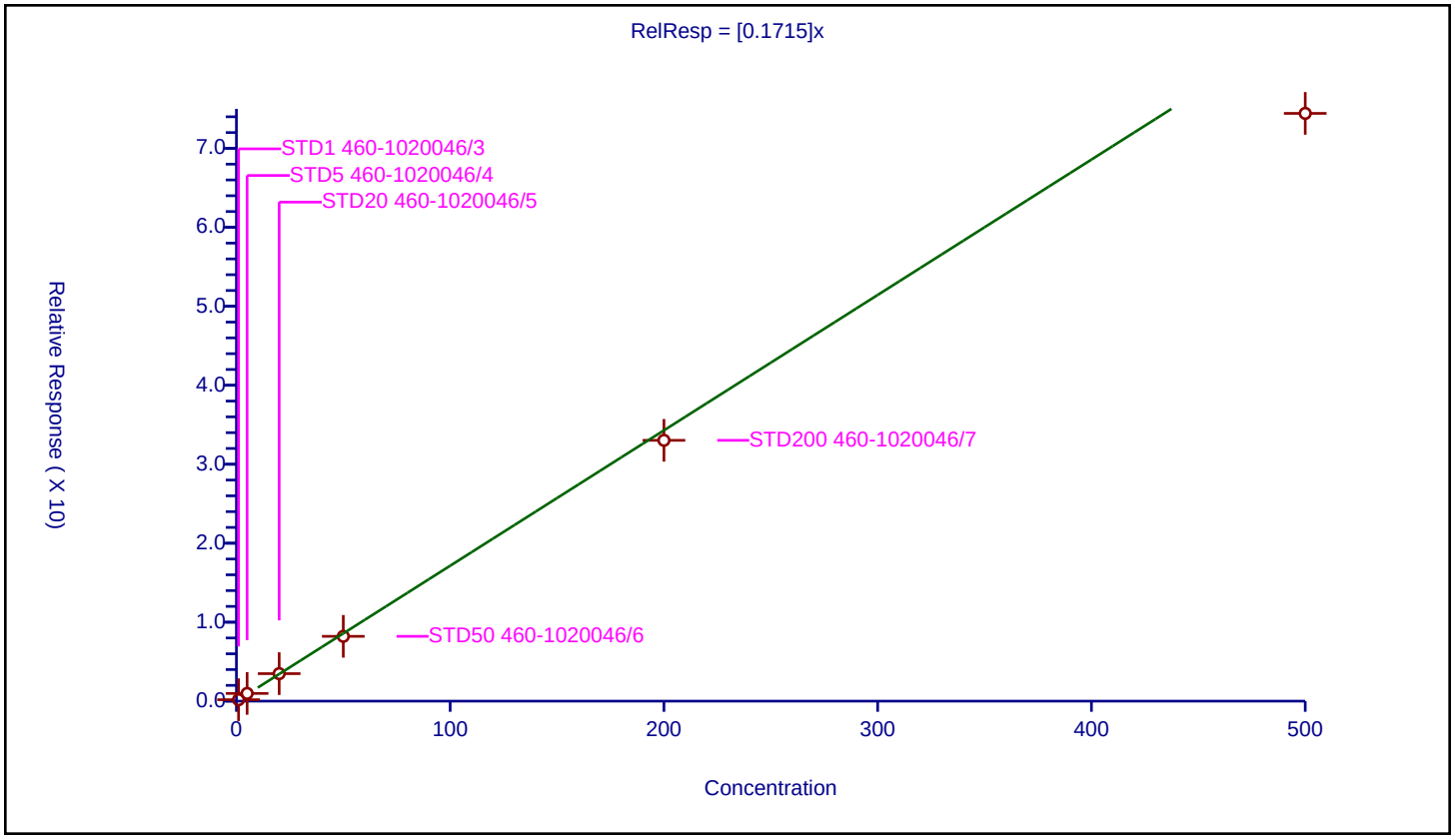
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1715 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.180907 | 50.0 | 598375.0 | 0.180907 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.977784 | 50.0 | 598496.0 | 0.195557 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 3.482994 | 50.0 | 621850.0 | 0.17415 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 8.206351 | 50.0 | 635983.0 | 0.164127 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 33.027744 | 50.0 | 752917.0 | 0.165139 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 74.431422 | 50.0 | 886950.0 | 0.148863 | Y |



## Calibration / n-Propyl acetate

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

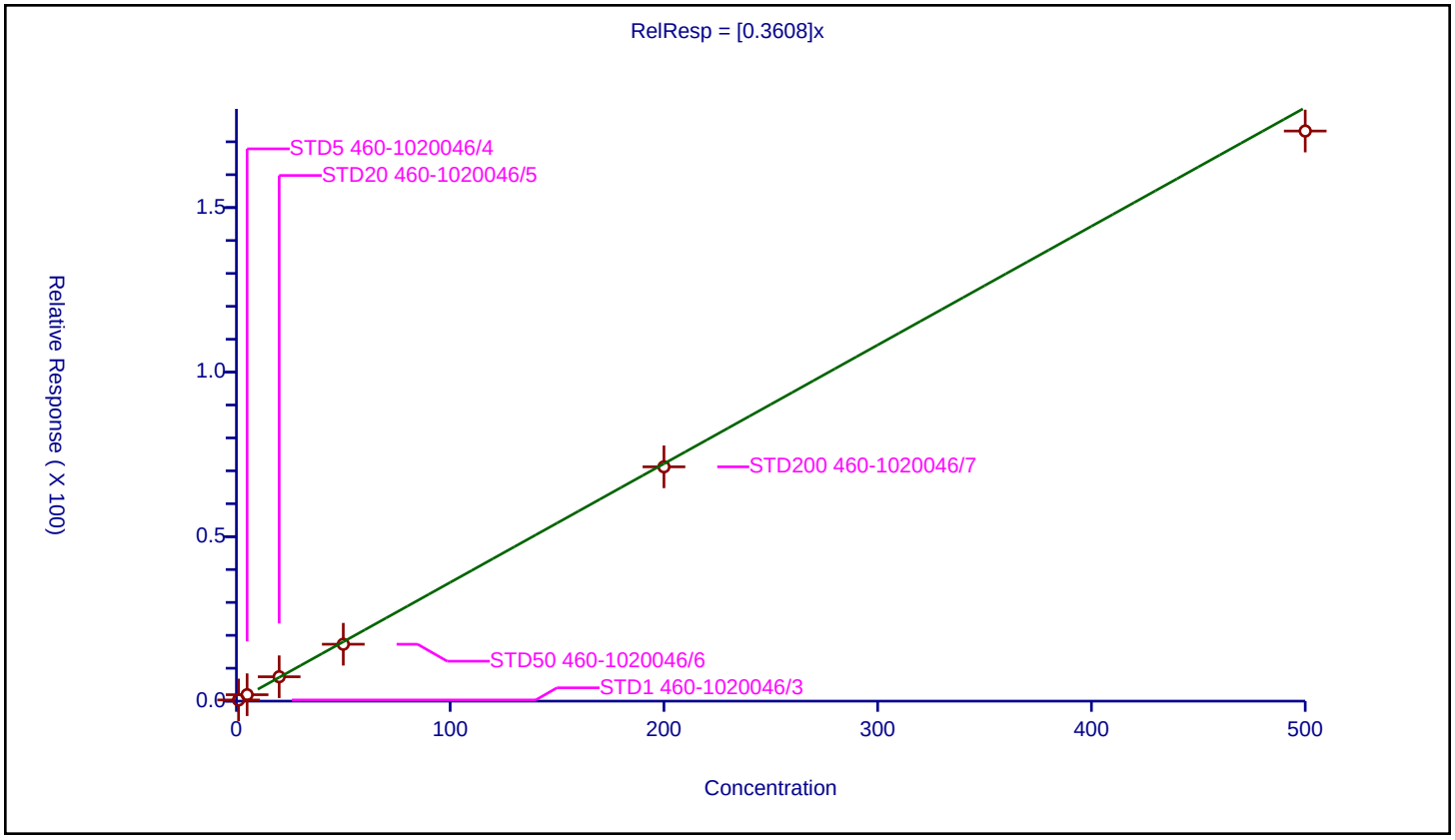
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3608 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.354544 | 50.0 | 598375.0 | 0.354544 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.956153 | 50.0 | 598496.0 | 0.391231 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.409826 | 50.0 | 621850.0 | 0.370491 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.297711 | 50.0 | 635983.0 | 0.345954 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 71.214755 | 50.0 | 752917.0 | 0.356074 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 173.272676 | 50.0 | 886950.0 | 0.346545 | Y |



## Calibration / Dichlorobromomethane

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

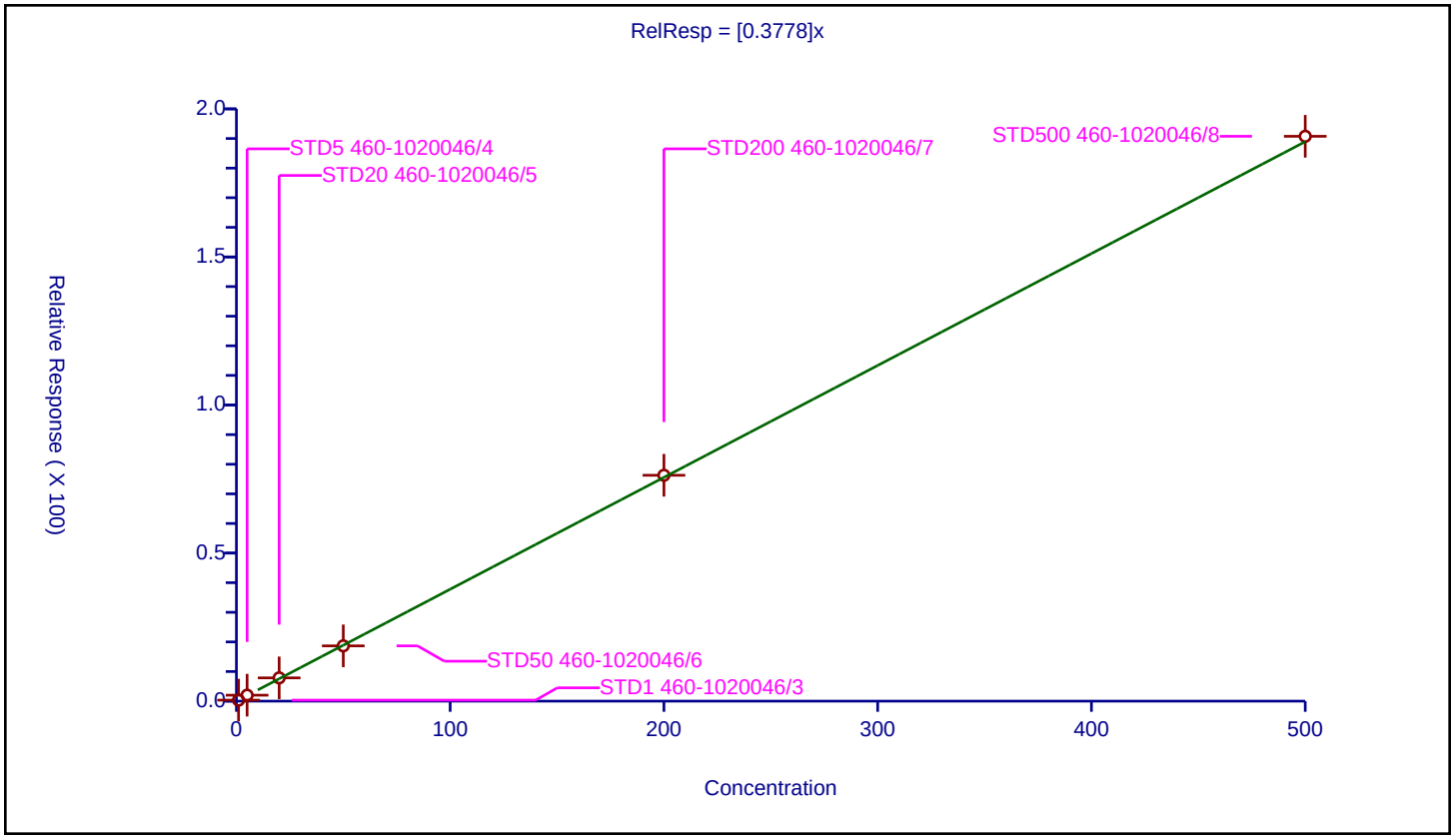
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3778 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.33616 | 50.0 | 598375.0 | 0.33616 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.008117 | 50.0 | 598496.0 | 0.401623 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.860819 | 50.0 | 621850.0 | 0.393041 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 18.669603 | 50.0 | 635983.0 | 0.373392 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 76.275871 | 50.0 | 752917.0 | 0.381379 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 190.74852 | 50.0 | 886950.0 | 0.381497 | Y |



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## Calibration / 2-Nitropropane

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

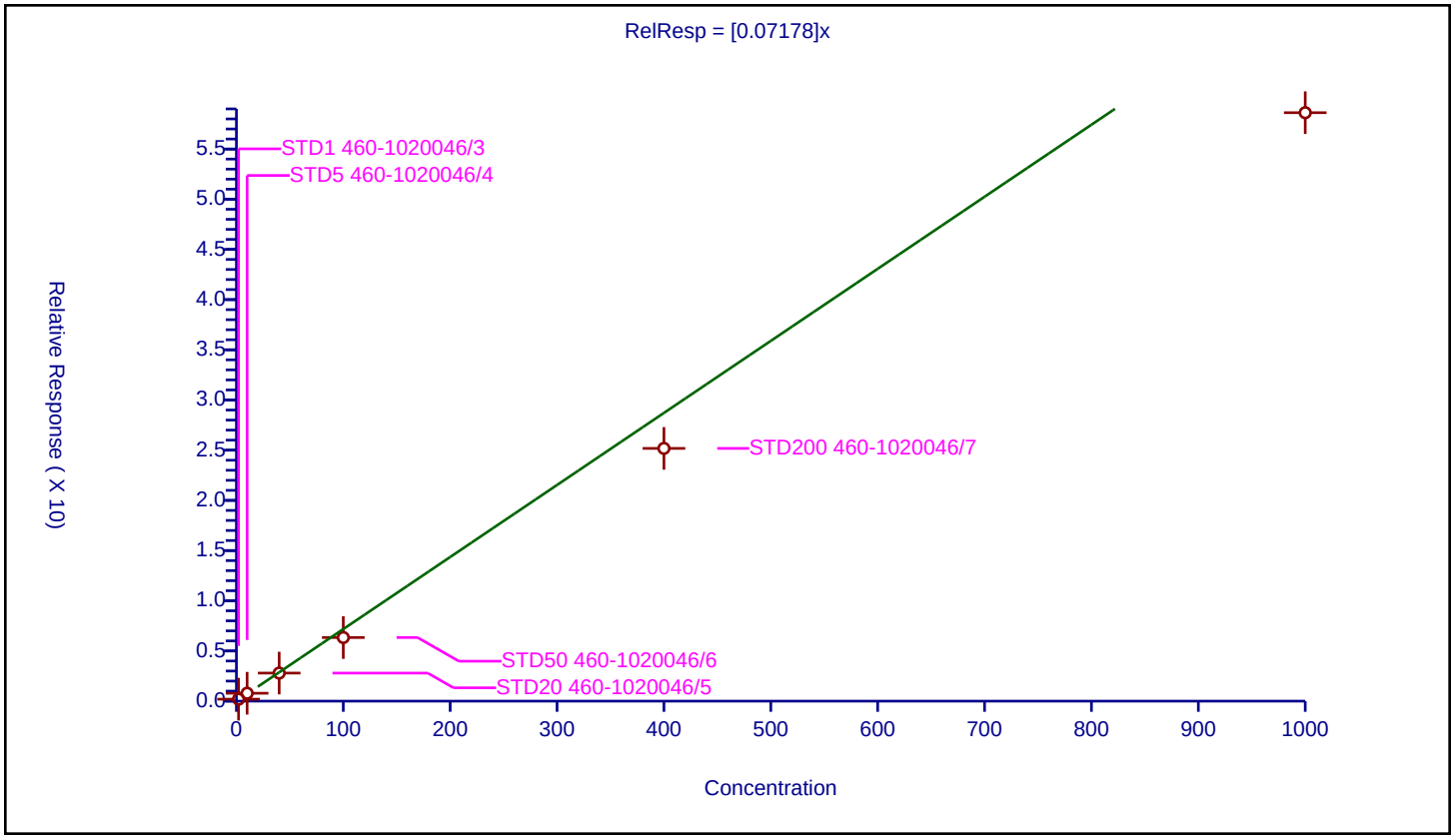
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07178 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 2.0 | 0.194276 | 50.0 | 598375.0 | 0.097138 | Y |
| 2 | STD5 460-1020046/4 | 10.0 | 0.78739 | 50.0 | 598496.0 | 0.078739 | Y |
| 3 | STD20 460-1020046/5 | 40.0 | 2.794565 | 50.0 | 621850.0 | 0.069864 | Y |
| 4 | STD50 460-1020046/6 | 100.0 | 6.336962 | 50.0 | 635983.0 | 0.06337 | Y |
| 5 | STD200 460-1020046/7 | 400.0 | 25.177676 | 50.0 | 752917.0 | 0.062944 | Y |
| 6 | STD500 460-1020046/8 | 1000.0 | 58.621005 | 50.0 | 886950.0 | 0.058621 | Y |



## Calibration / 2-Chloroethyl vinyl ether

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

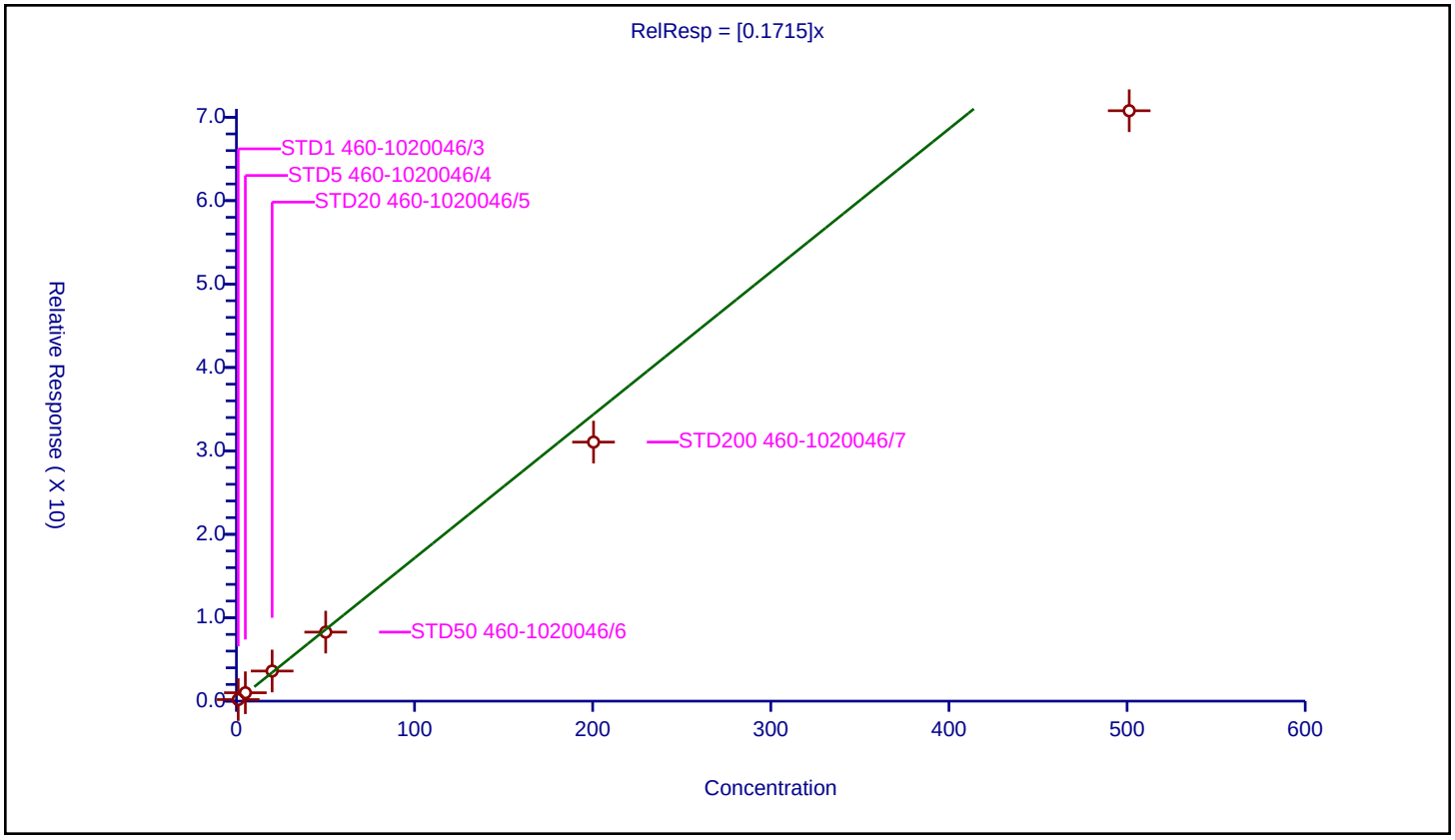
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1715 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0024 | 0.187424 | 50.0 | 598375.0 | 0.186976 | Y |
| 2 | STD5 460-1020046/4 | 5.012 | 1.006272 | 50.0 | 598496.0 | 0.200773 | Y |
| 3 | STD20 460-1020046/5 | 20.048 | 3.60915 | 50.0 | 621850.0 | 0.180025 | Y |
| 4 | STD50 460-1020046/6 | 50.12 | 8.275457 | 50.0 | 635983.0 | 0.165113 | Y |
| 5 | STD200 460-1020046/7 | 200.48 | 31.057142 | 50.0 | 752917.0 | 0.154914 | Y |
| 6 | STD500 460-1020046/8 | 501.2 | 70.780145 | 50.0 | 886950.0 | 0.141221 | Y |



## Calibration / Epichlorohydrin

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

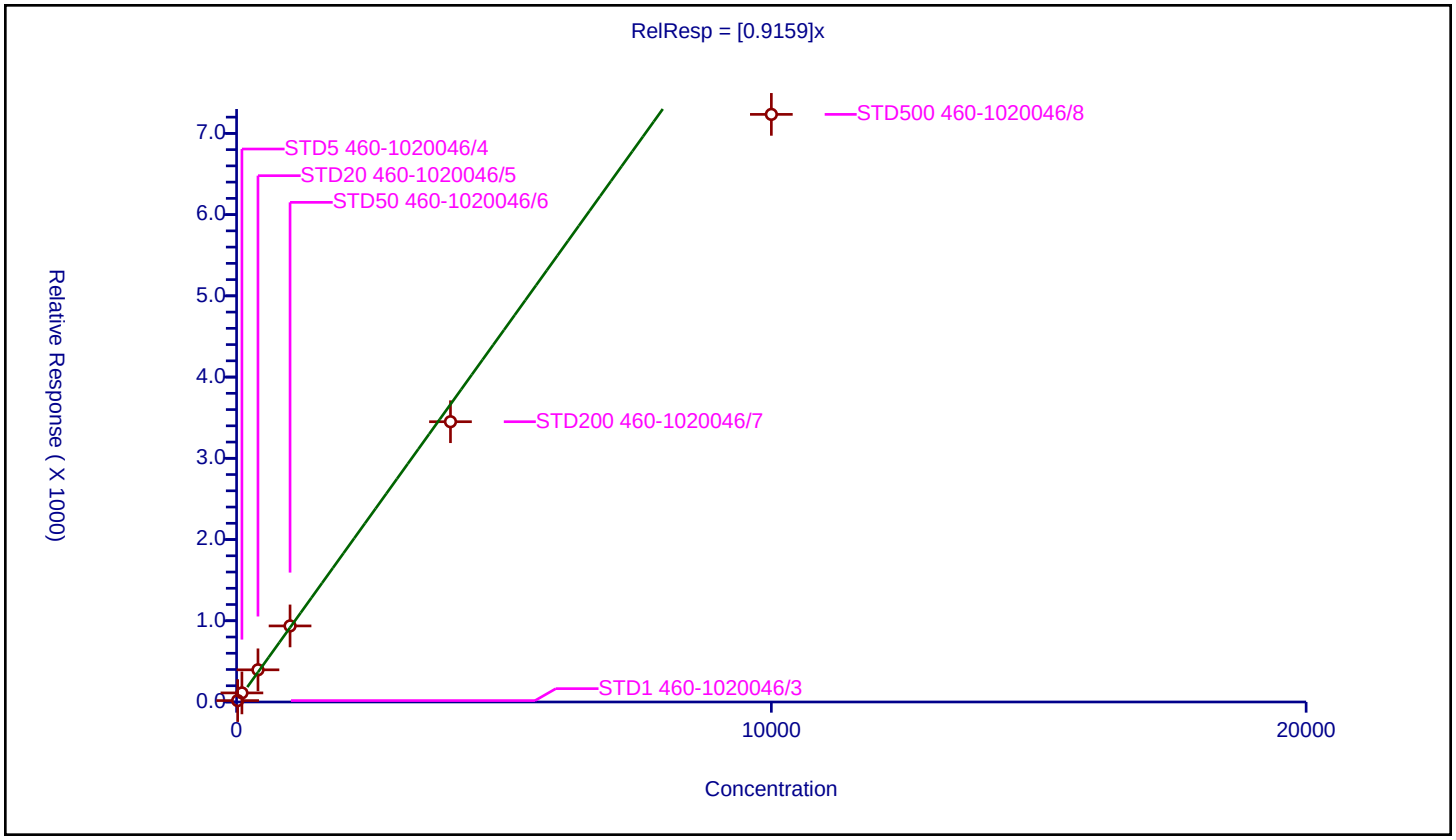
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9159 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 20.000035 | 17.278484 | 1000.0 | 307145.0 | 0.863923 | Y |
| 2 | STD5 460-1020046/4 | 100.000173 | 111.924138 | 1000.0 | 299703.0 | 1.119239 | Y |
| 3 | STD20 460-1020046/5 | 400.000692 | 395.943135 | 1000.0 | 313444.0 | 0.989856 | Y |
| 4 | STD50 460-1020046/6 | 1000.00173 | 936.512045 | 1000.0 | 305239.0 | 0.93651 | Y |
| 5 | STD200 460-1020046/7 | 4000.00692 | 3450.636695 | 1000.0 | 353309.0 | 0.862658 | Y |
| 6 | STD500 460-1020046/8 | 10000.0173 | 7233.968895 | 1000.0 | 381867.0 | 0.723396 | Y |



## Calibration / cis-1,3-Dichloropropene

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

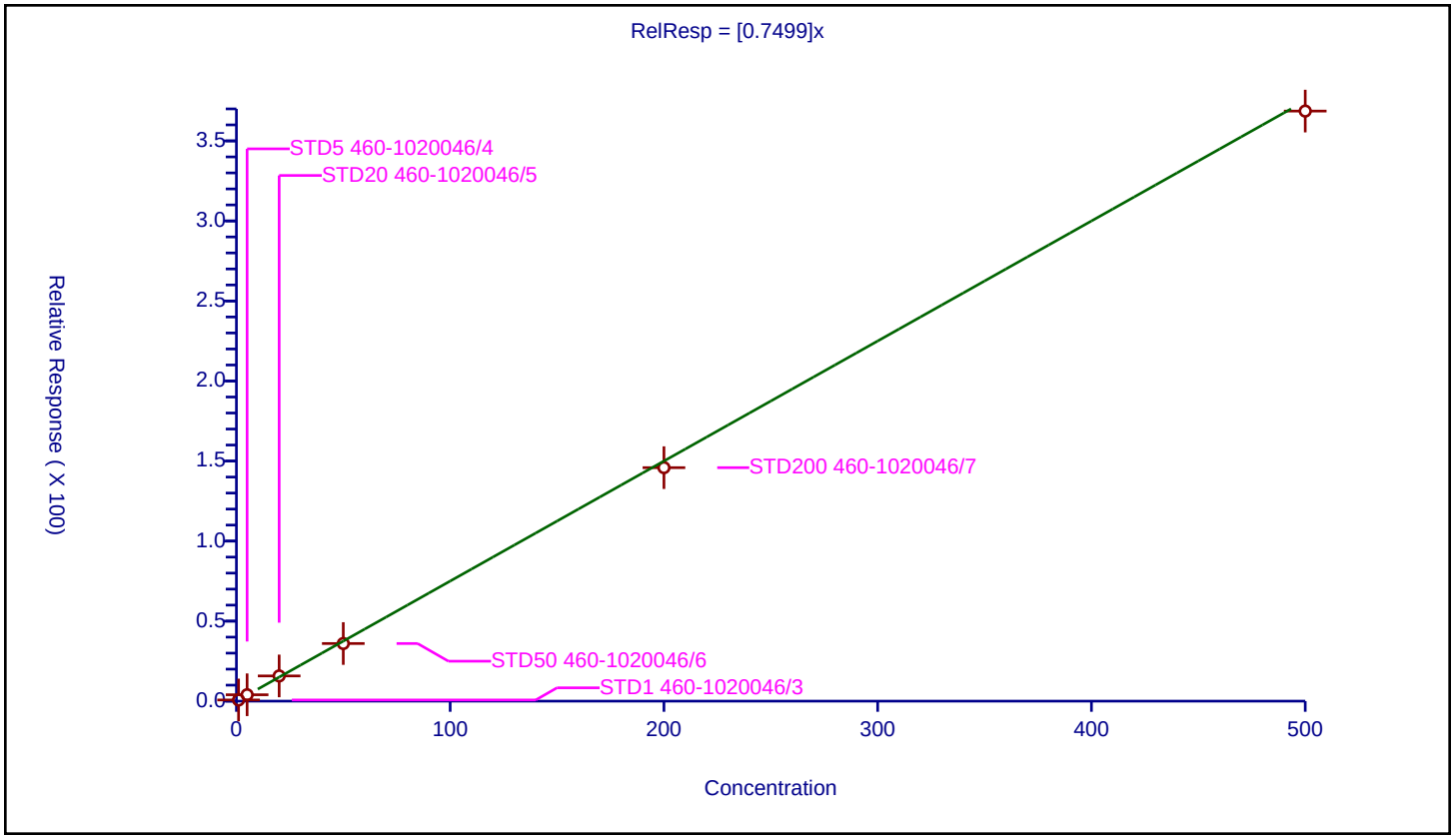
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7499 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.727883 | 50.0 | 398347.0 | 0.727883 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.986836 | 50.0 | 399427.0 | 0.797367 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 15.756564 | 50.0 | 415649.0 | 0.787828 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 35.99872 | 50.0 | 428143.0 | 0.719974 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 145.863475 | 50.0 | 509957.0 | 0.729317 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 368.641636 | 50.0 | 579587.0 | 0.737283 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

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

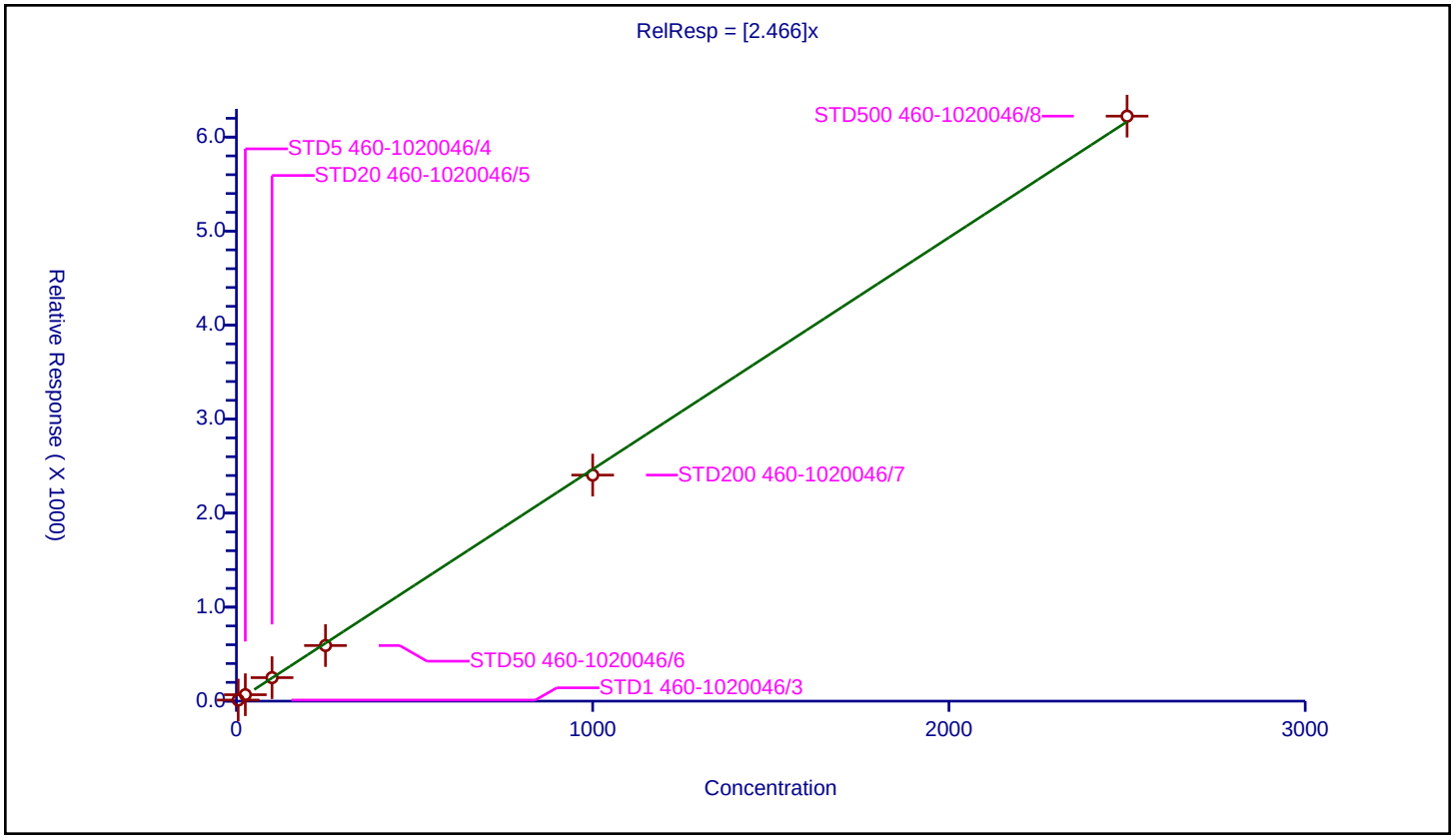
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.466 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 5.0 | 11.523268 | 250.0 | 296422.0 | 2.304654 | Y |
| 2 | STD5 460-1020046/4 | 25.0 | 68.303417 | 250.0 | 289140.0 | 2.732137 | Y |
| 3 | STD20 460-1020046/5 | 100.0 | 249.928267 | 250.0 | 303209.0 | 2.499283 | Y |
| 4 | STD50 460-1020046/6 | 250.0 | 591.320736 | 250.0 | 301120.0 | 2.365283 | Y |
| 5 | STD200 460-1020046/7 | 1000.0 | 2404.768296 | 250.0 | 342722.0 | 2.404768 | Y |
| 6 | STD500 460-1020046/8 | 2500.0 | 6222.898978 | 250.0 | 352745.0 | 2.48916 | Y |



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## Calibration / Toluene-d8 (Surr)

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

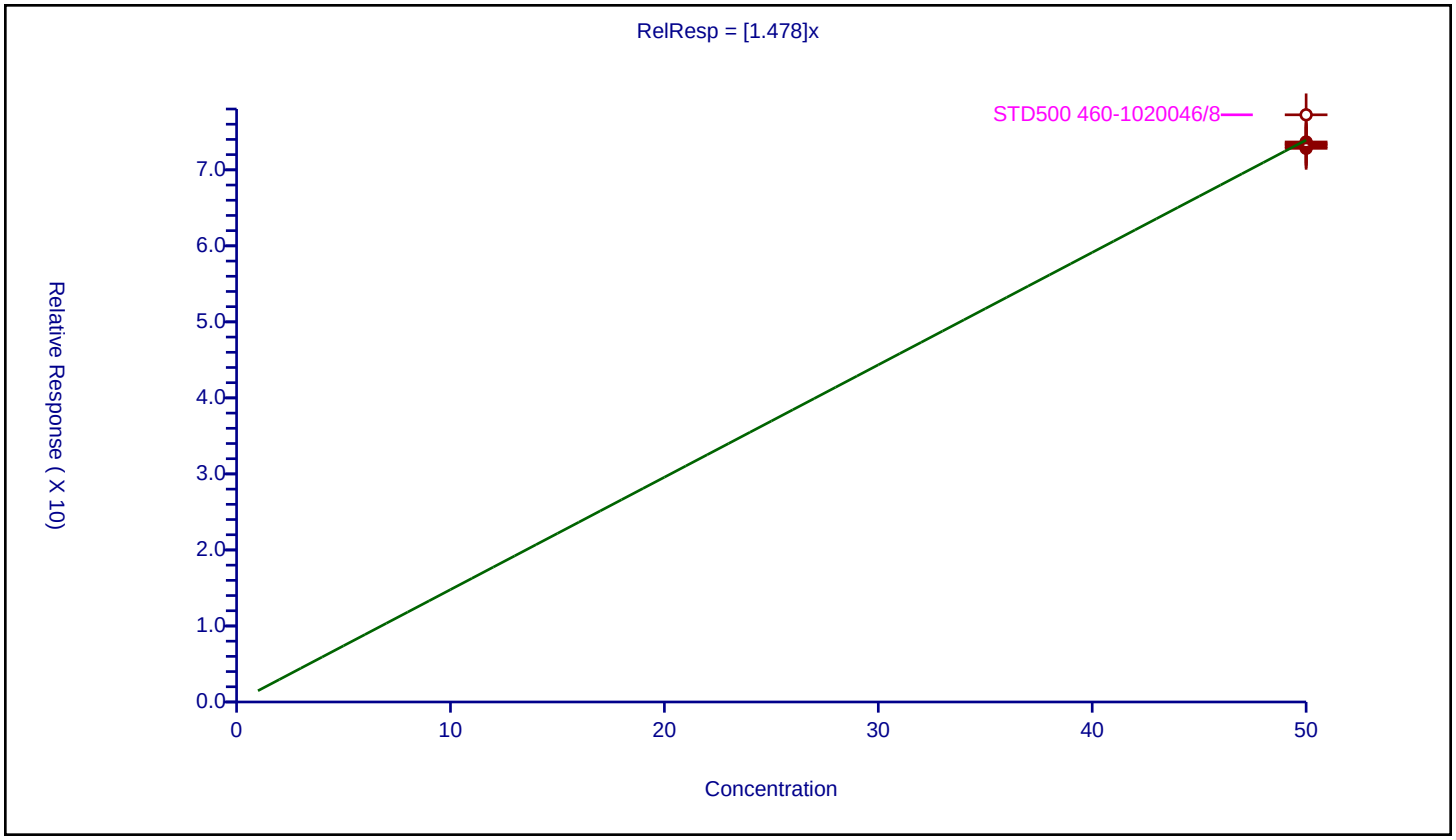
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.478 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 50.0 | 72.825702 | 50.0 | 398347.0 | 1.456514 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 73.663022 | 50.0 | 399427.0 | 1.47326 | Y |
| 3 | STD20 460-1020046/5 | 50.0 | 73.031572 | 50.0 | 415649.0 | 1.460631 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 73.288364 | 50.0 | 428143.0 | 1.465767 | Y |
| 5 | STD200 460-1020046/7 | 50.0 | 73.436878 | 50.0 | 509957.0 | 1.468738 | Y |
| 6 | STD500 460-1020046/8 | 50.0 | 77.239741 | 50.0 | 579587.0 | 1.544795 | Y |



## Calibration / Toluene

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

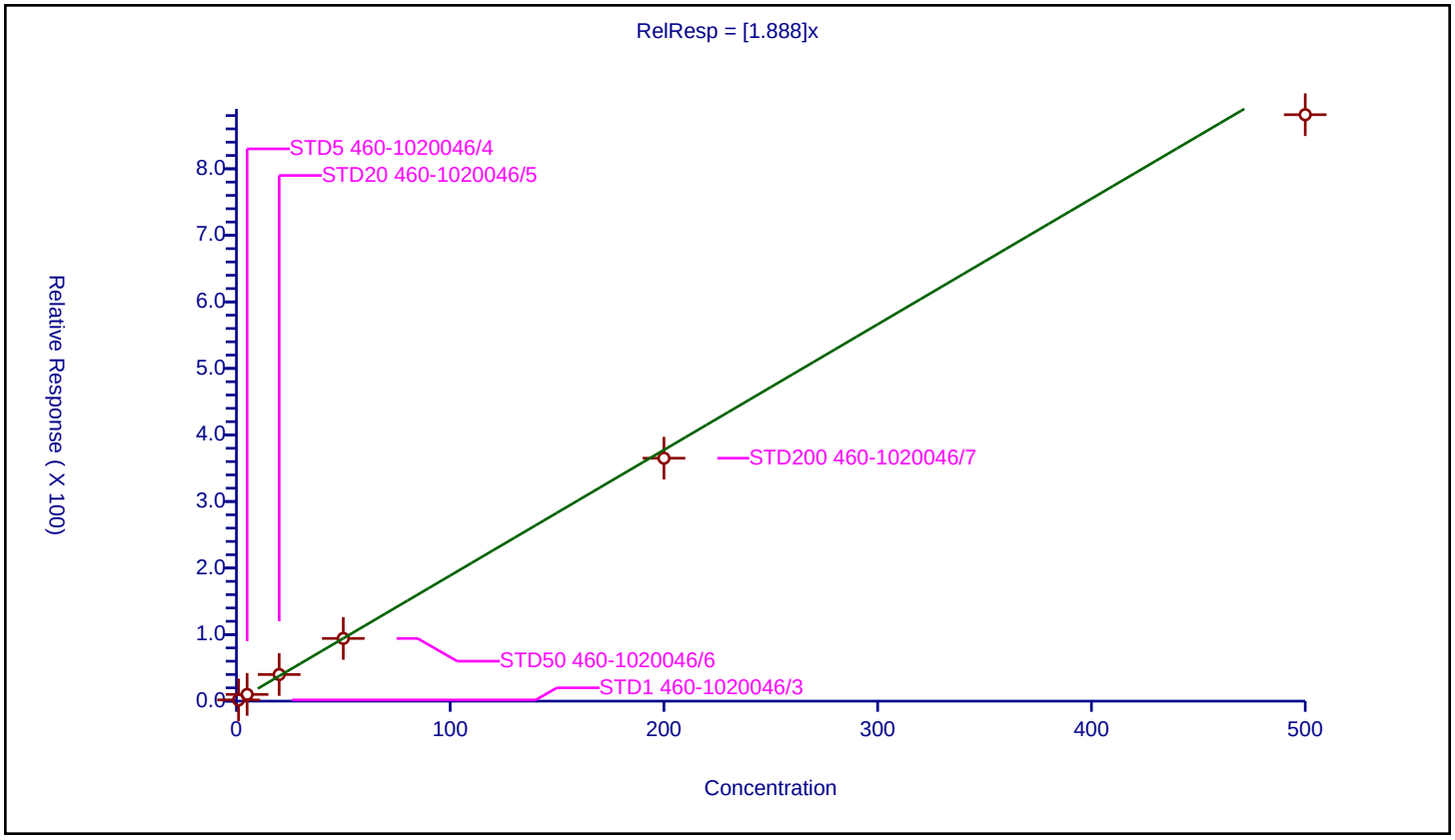
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.888 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.834079 | 50.0 | 398347.0 | 1.834079 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 10.088201 | 50.0 | 399427.0 | 2.01764 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 40.00996 | 50.0 | 415649.0 | 2.000498 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 94.240242 | 50.0 | 428143.0 | 1.884805 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 365.095488 | 50.0 | 509957.0 | 1.825477 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 881.278134 | 50.0 | 579587.0 | 1.762556 | Y |



## Calibration / trans-1,3-Dichloropropene

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

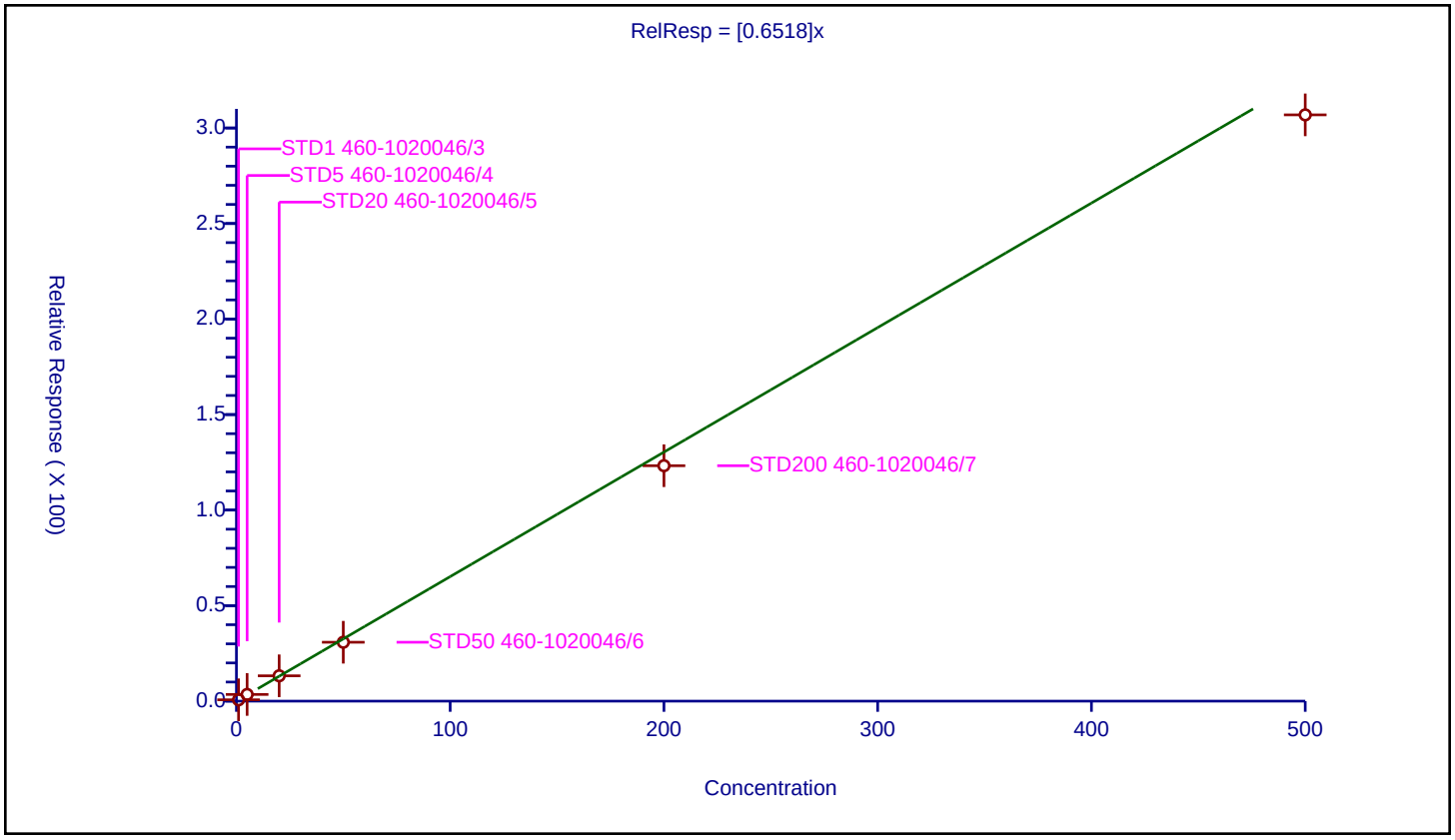
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6518 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.70052 | 50.0 | 398347.0 | 0.70052 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.501015 | 50.0 | 399427.0 | 0.700203 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 13.267324 | 50.0 | 415649.0 | 0.663366 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 30.833039 | 50.0 | 428143.0 | 0.616661 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 123.225586 | 50.0 | 509957.0 | 0.616128 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 306.879295 | 50.0 | 579587.0 | 0.613759 | Y |



## Calibration / Ethyl methacrylate

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

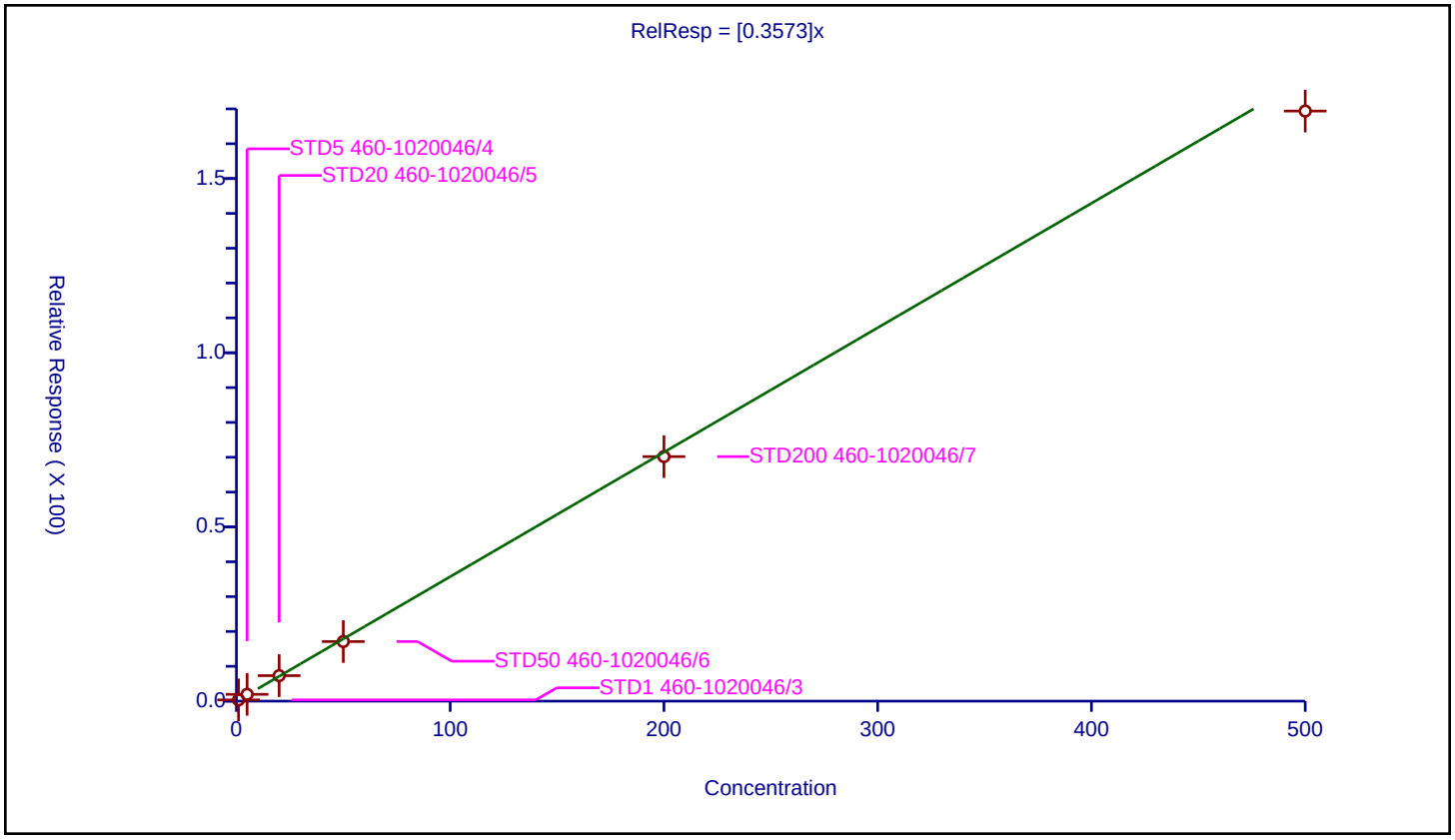
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3573 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.35563 | 50.0 | 598375.0 | 0.35563 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.951308 | 50.0 | 598496.0 | 0.390262 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.317279 | 50.0 | 621850.0 | 0.365864 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.102265 | 50.0 | 635983.0 | 0.342045 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 70.190074 | 50.0 | 752917.0 | 0.35095 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 169.382716 | 50.0 | 886950.0 | 0.338765 | Y |



## Calibration / 1,1,2-Trichloroethane

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

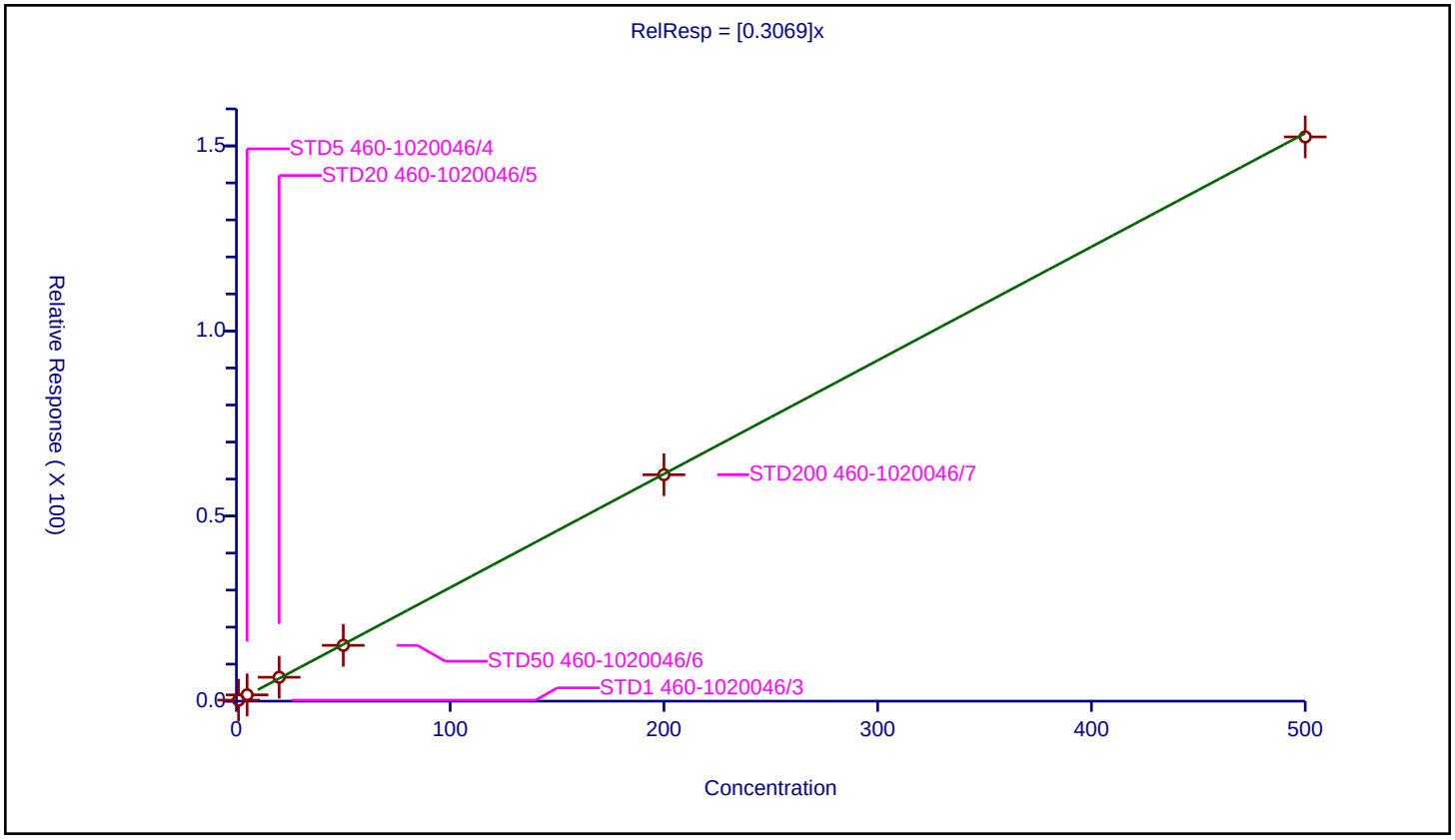
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3069 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.266351 | 50.0 | 398347.0 | 0.266351 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.700436 | 50.0 | 399427.0 | 0.340087 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.452319 | 50.0 | 415649.0 | 0.322616 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.070549 | 50.0 | 428143.0 | 0.301411 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 61.164471 | 50.0 | 509957.0 | 0.305822 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 152.427073 | 50.0 | 579587.0 | 0.304854 | Y |



## Calibration / Tetrachloroethene

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

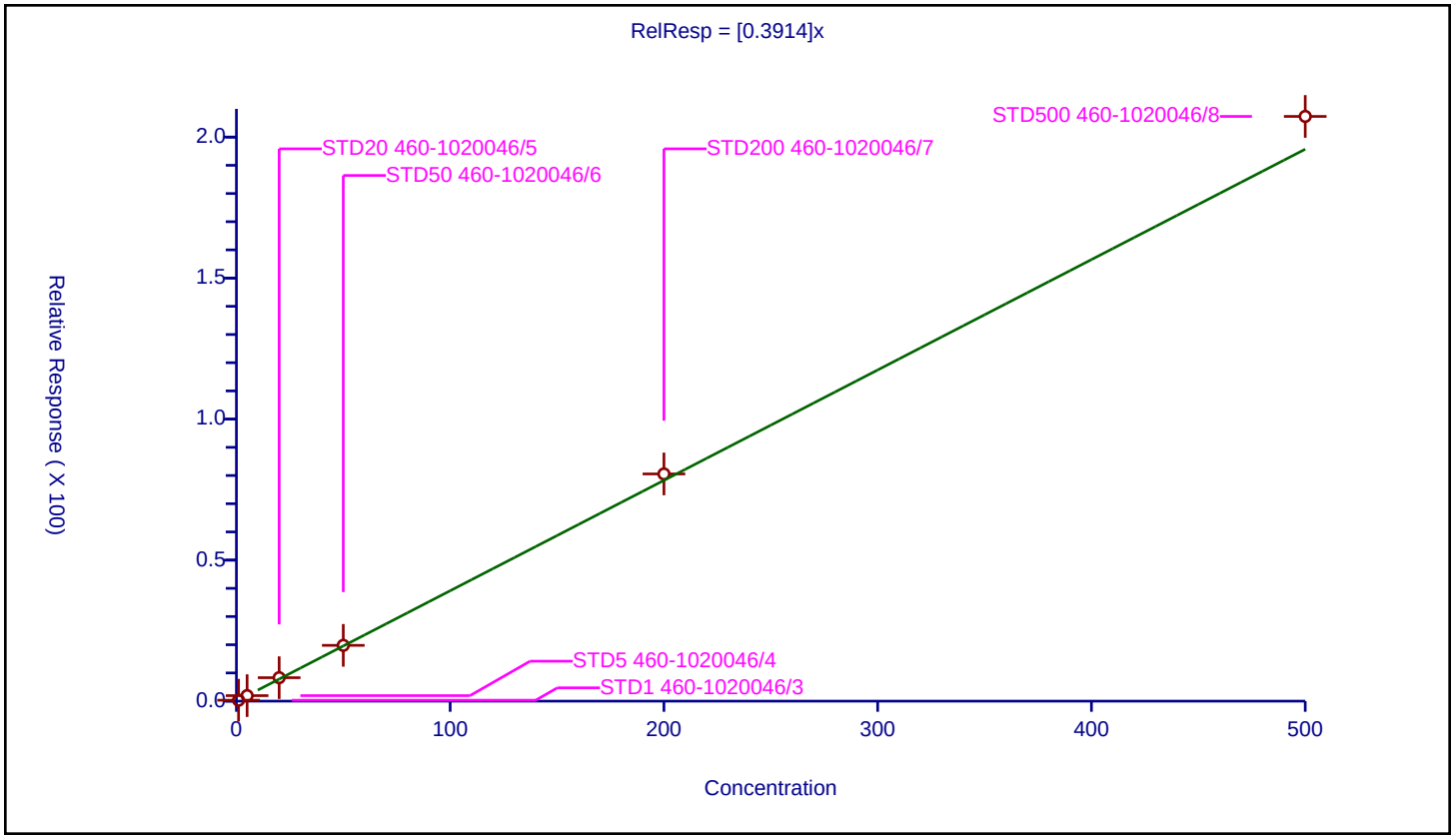
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.329236 | 50.0 | 398347.0 | 0.329236 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.951796 | 50.0 | 399427.0 | 0.390359 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 8.317114 | 50.0 | 415649.0 | 0.415856 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 19.775986 | 50.0 | 428143.0 | 0.39552 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 80.564734 | 50.0 | 509957.0 | 0.402824 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 207.328581 | 50.0 | 579587.0 | 0.414657 | Y |



## Calibration / 1,3-Dichloropropane

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

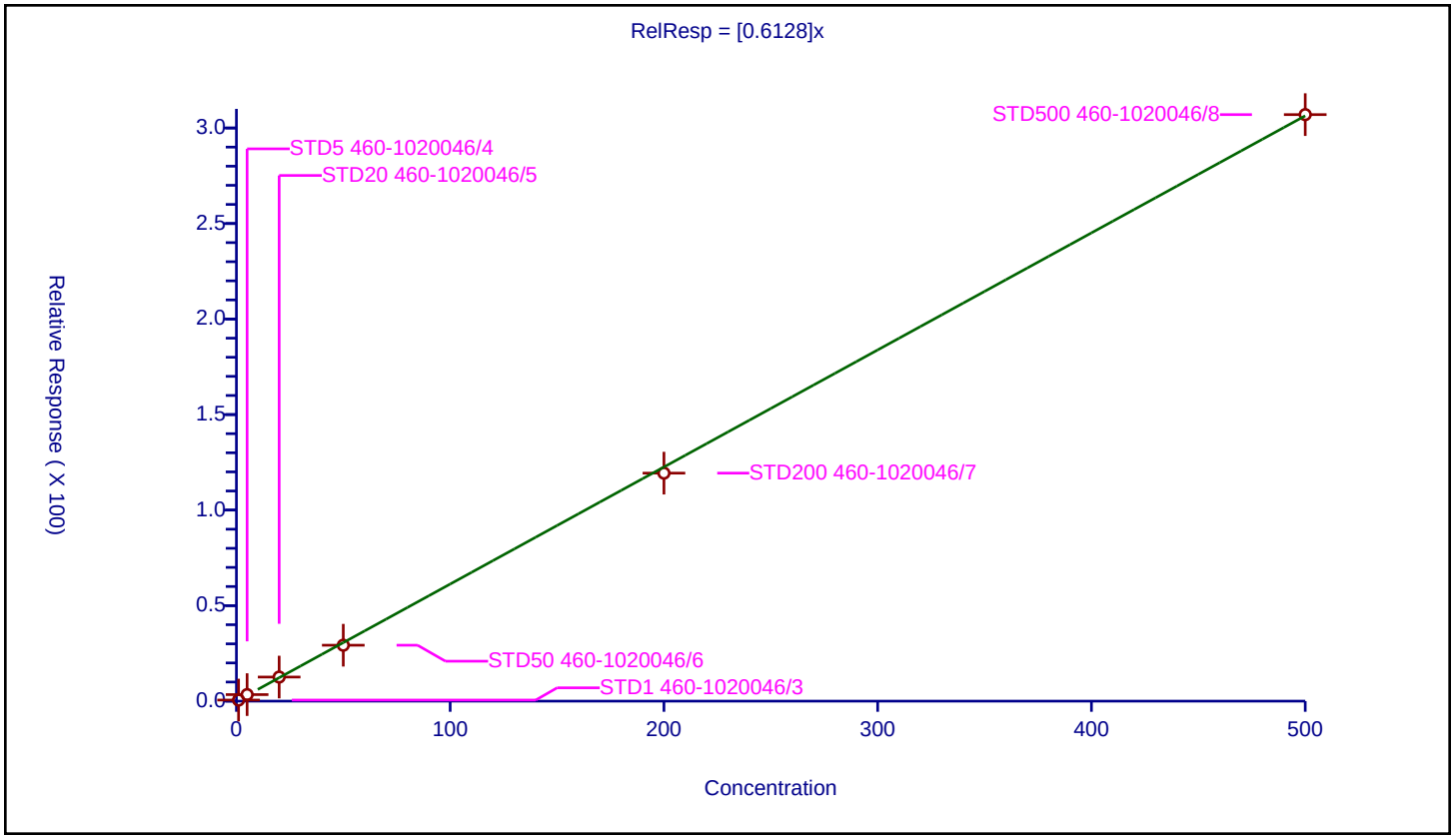
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6128 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.566215 | 50.0 | 398347.0 | 0.566215 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.417395 | 50.0 | 399427.0 | 0.683479 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 12.614369 | 50.0 | 415649.0 | 0.630718 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 29.269893 | 50.0 | 428143.0 | 0.585398 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 119.343984 | 50.0 | 509957.0 | 0.59672 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 307.003176 | 50.0 | 579587.0 | 0.614006 | Y |



## Calibration / 2-Hexanone

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

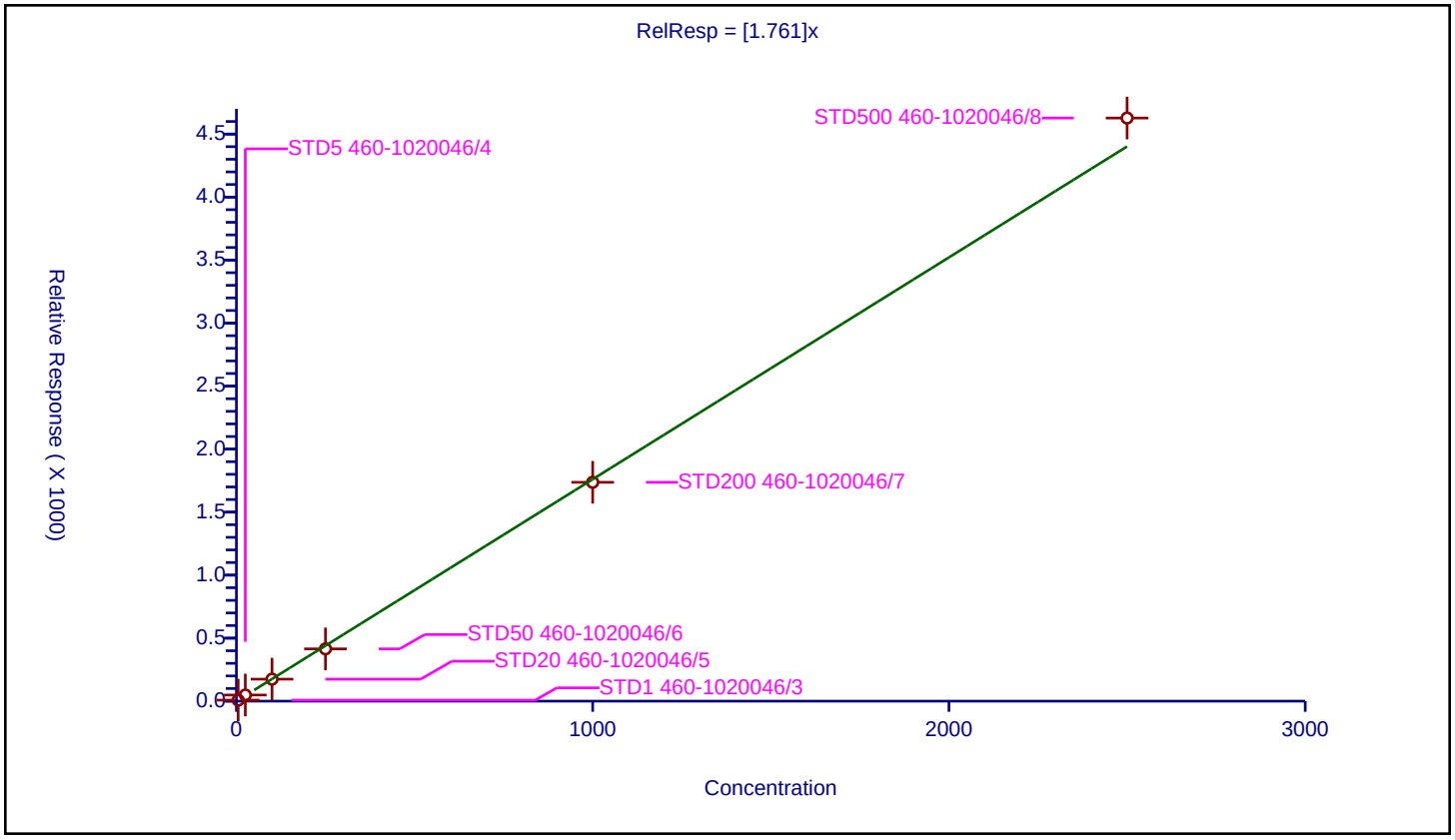
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.761 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 5.0 | 8.12271 | 250.0 | 296422.0 | 1.624542 | Y |
| 2 | STD5 460-1020046/4 | 25.0 | 48.672788 | 250.0 | 289140.0 | 1.946912 | Y |
| 3 | STD20 460-1020046/5 | 100.0 | 174.553691 | 250.0 | 303209.0 | 1.745537 | Y |
| 4 | STD50 460-1020046/6 | 250.0 | 414.860355 | 250.0 | 301120.0 | 1.659441 | Y |
| 5 | STD200 460-1020046/7 | 1000.0 | 1736.710804 | 250.0 | 342722.0 | 1.736711 | Y |
| 6 | STD500 460-1020046/8 | 2500.0 | 4627.311514 | 250.0 | 352745.0 | 1.850925 | Y |



## Calibration / n-Butyl acetate

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

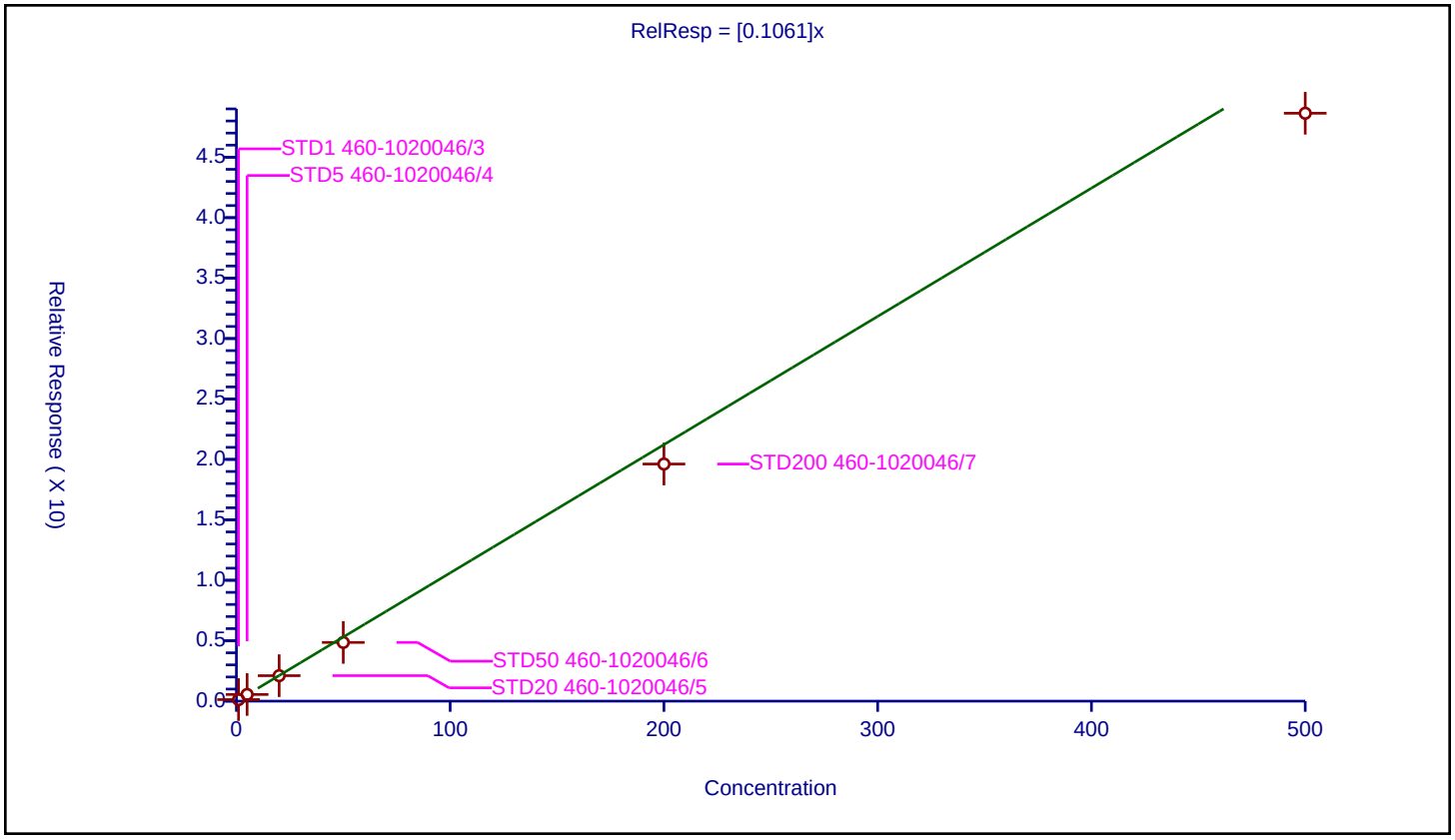
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1061 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.128155 | 50.0 | 398347.0 | 0.128155 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.553042 | 50.0 | 399427.0 | 0.110608 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 2.106826 | 50.0 | 415649.0 | 0.105341 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 4.85784 | 50.0 | 428143.0 | 0.097157 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 19.616948 | 50.0 | 509957.0 | 0.098085 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 48.638427 | 50.0 | 579587.0 | 0.097277 | Y |



## Calibration / Chlorodibromomethane

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

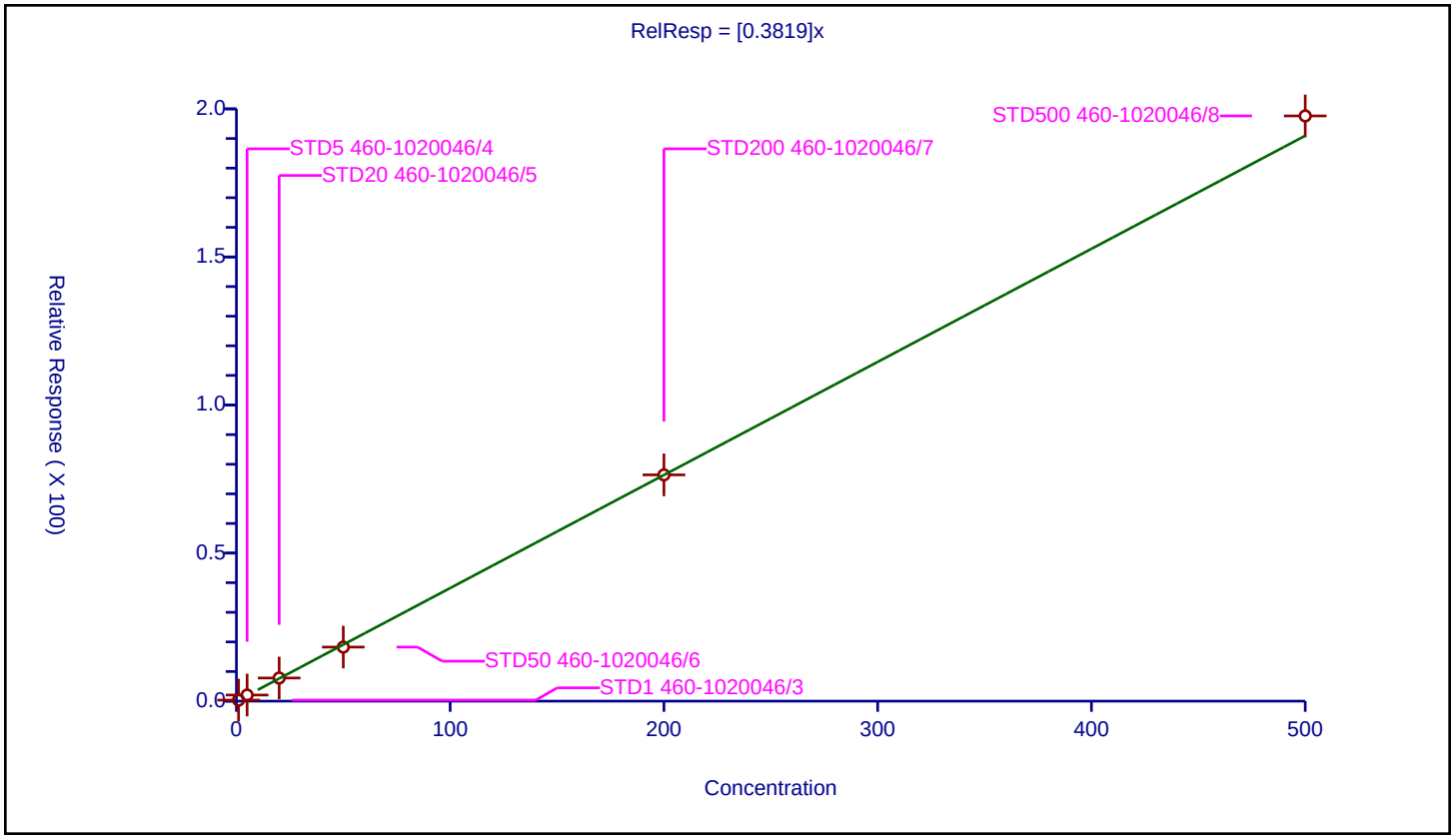
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3819 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.345427 | 50.0 | 398347.0 | 0.345427 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.063456 | 50.0 | 399427.0 | 0.412691 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.813083 | 50.0 | 415649.0 | 0.390654 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 18.256284 | 50.0 | 428143.0 | 0.365126 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 76.406736 | 50.0 | 509957.0 | 0.382034 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 197.623135 | 50.0 | 579587.0 | 0.395246 | Y |



## Calibration / Ethylene Dibromide

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

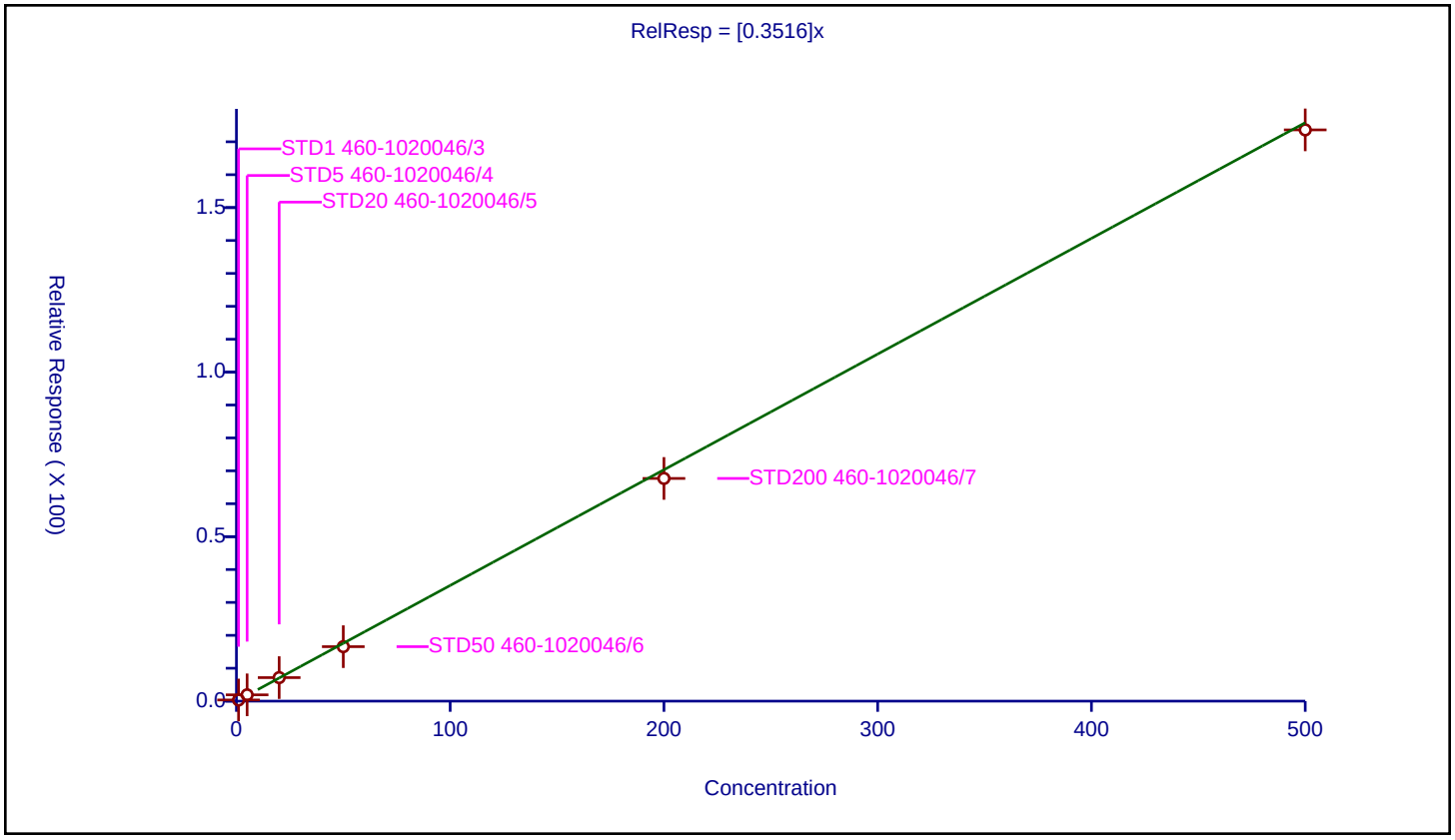
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3516 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.353084 | 50.0 | 398347.0 | 0.353084 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.911363 | 50.0 | 399427.0 | 0.382273 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.150384 | 50.0 | 415649.0 | 0.357519 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 16.554632 | 50.0 | 428143.0 | 0.331093 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 67.681295 | 50.0 | 509957.0 | 0.338406 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 173.61837 | 50.0 | 579587.0 | 0.347237 | Y |



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## Calibration / Chlorobenzene

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

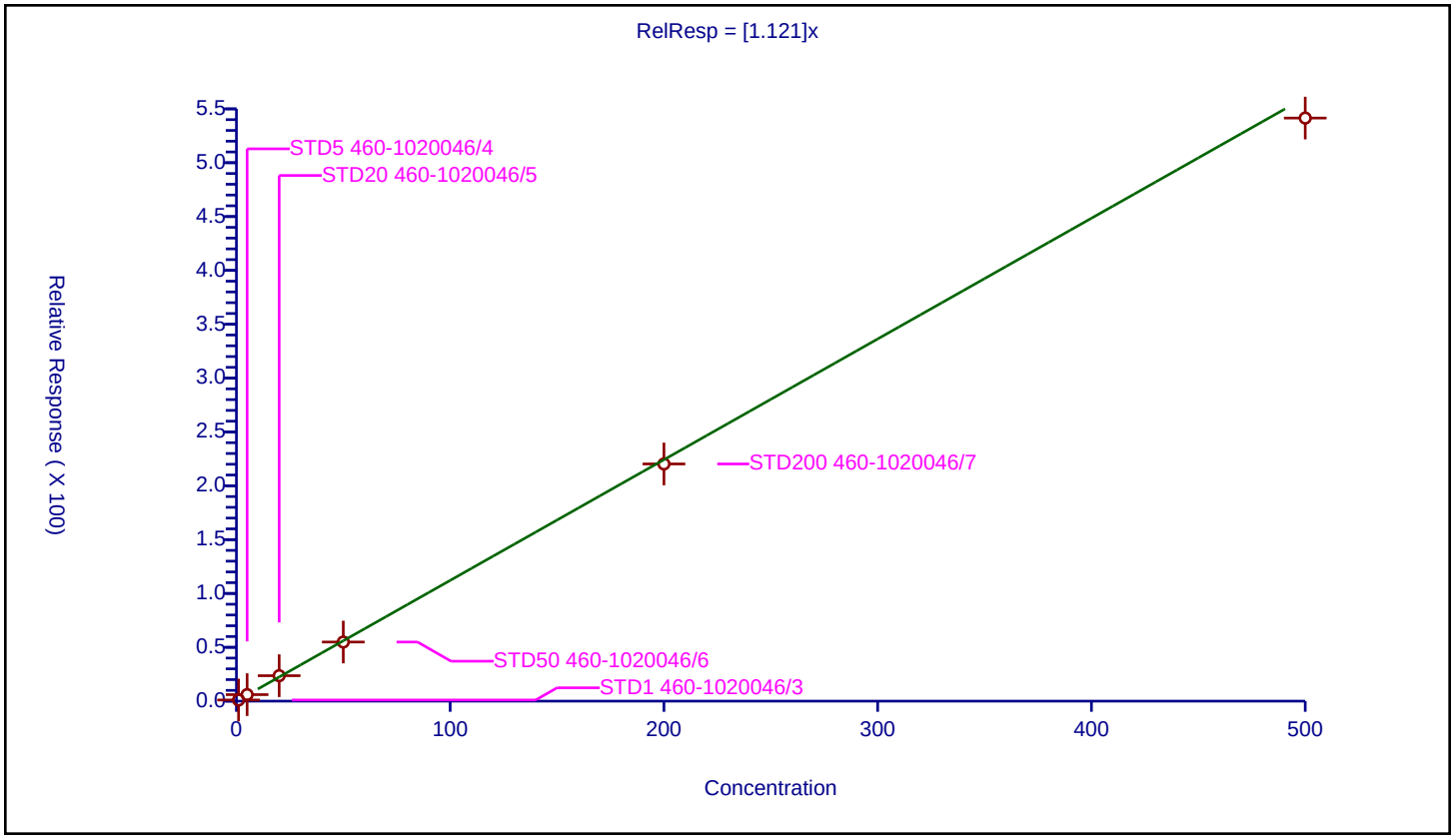
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.121 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.051721 | 50.0 | 398347.0 | 1.051721 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 6.0558 | 50.0 | 399427.0 | 1.21116 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 23.639778 | 50.0 | 415649.0 | 1.181989 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 54.891006 | 50.0 | 428143.0 | 1.09782 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 220.258179 | 50.0 | 509957.0 | 1.101291 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 541.479881 | 50.0 | 579587.0 | 1.08296 | Y |



## Calibration / Ethylbenzene

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

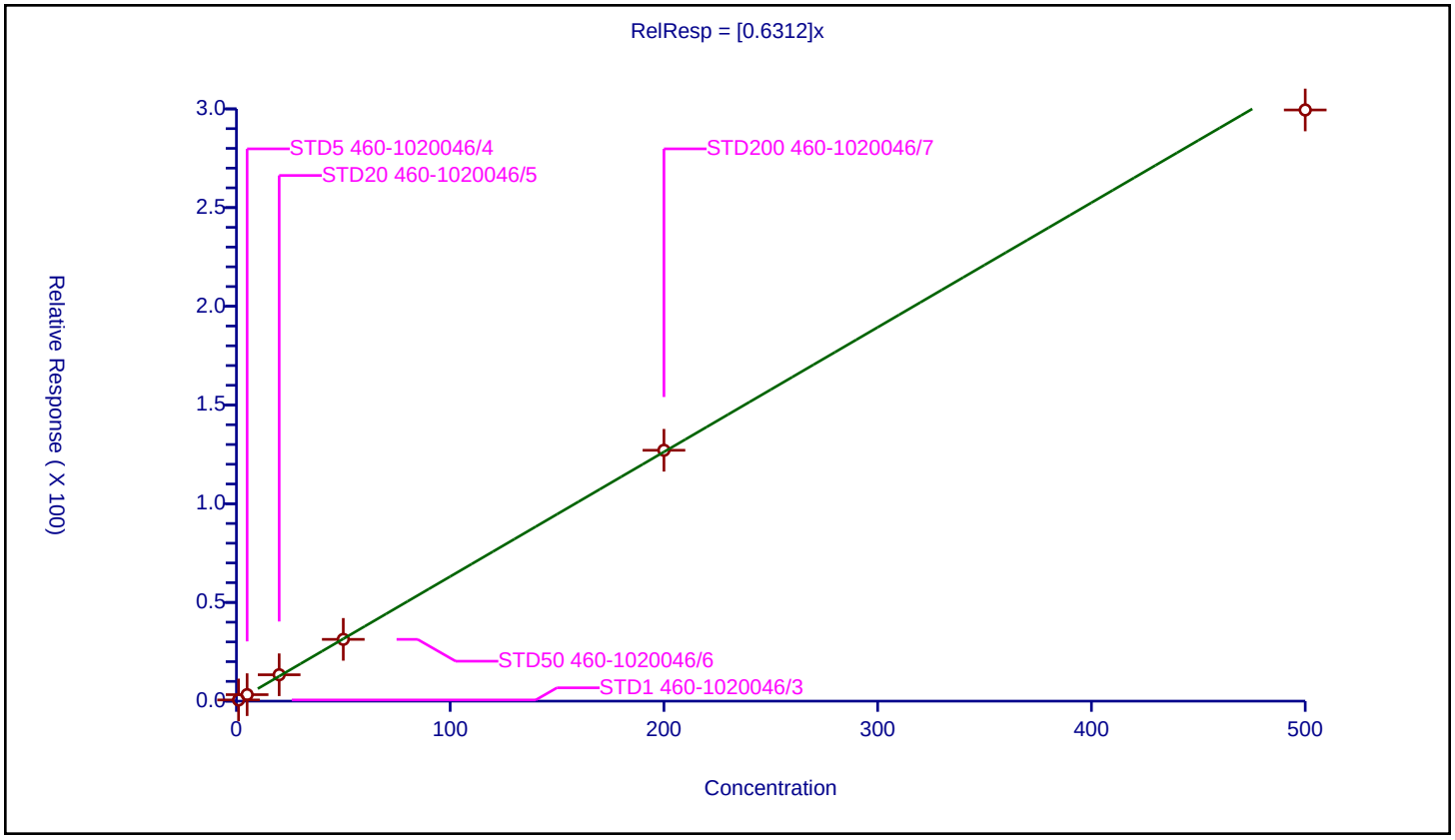
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6312 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.601862 | 50.0 | 398347.0 | 0.601862 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.285707 | 50.0 | 399427.0 | 0.657141 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 13.366567 | 50.0 | 415649.0 | 0.668328 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 31.290947 | 50.0 | 428143.0 | 0.625819 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 127.083264 | 50.0 | 509957.0 | 0.635416 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 299.45858 | 50.0 | 579587.0 | 0.598917 | Y |



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## Calibration / 1,1,1,2-Tetrachloroethane

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

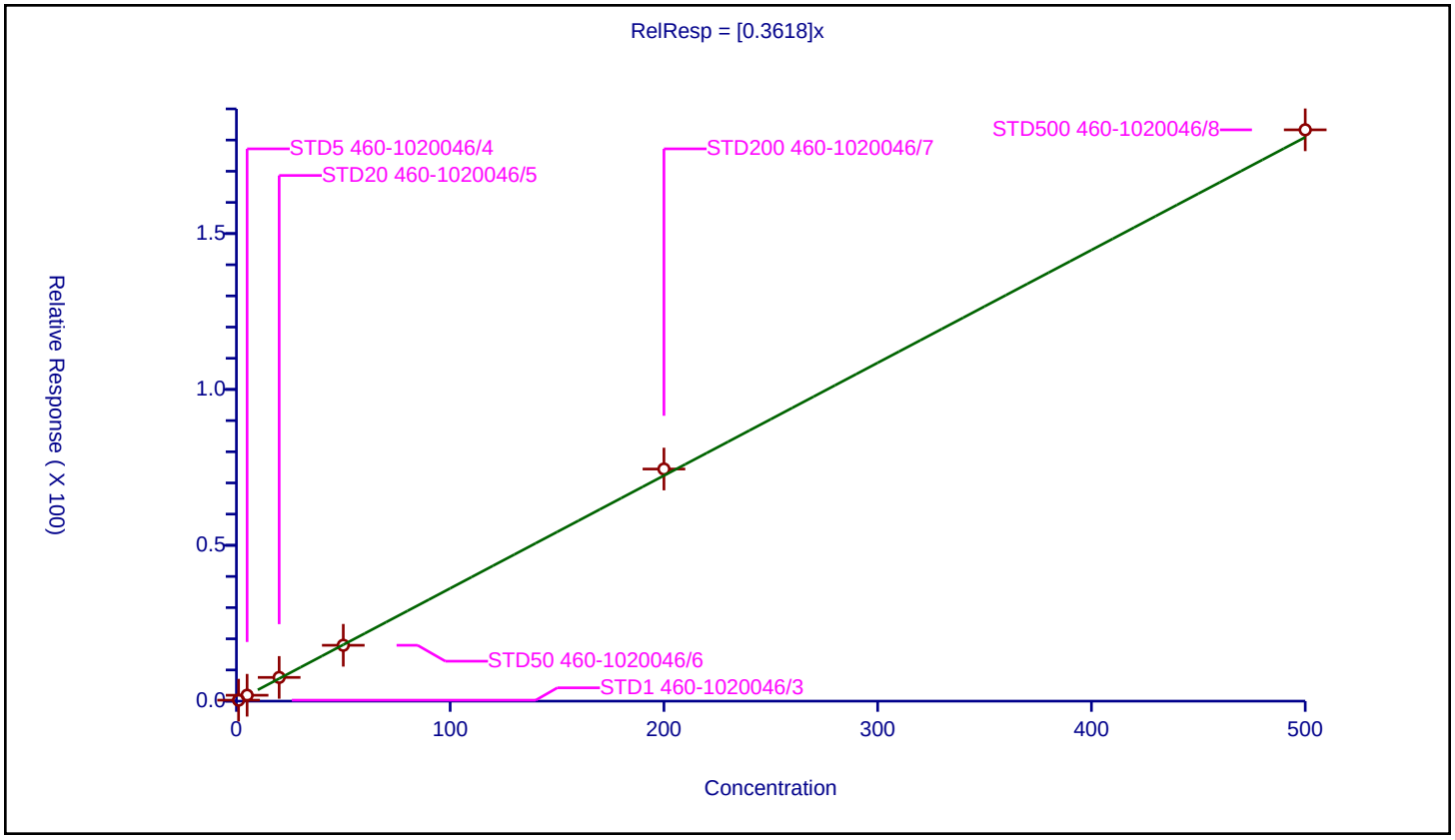
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3618 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.314299 | 50.0 | 398347.0 | 0.314299 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.893713 | 50.0 | 399427.0 | 0.378743 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.608824 | 50.0 | 415649.0 | 0.380441 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 17.922517 | 50.0 | 428143.0 | 0.35845 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 74.464808 | 50.0 | 509957.0 | 0.372324 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 183.282147 | 50.0 | 579587.0 | 0.366564 | Y |



## Calibration / m-Xylene & p-Xylene

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

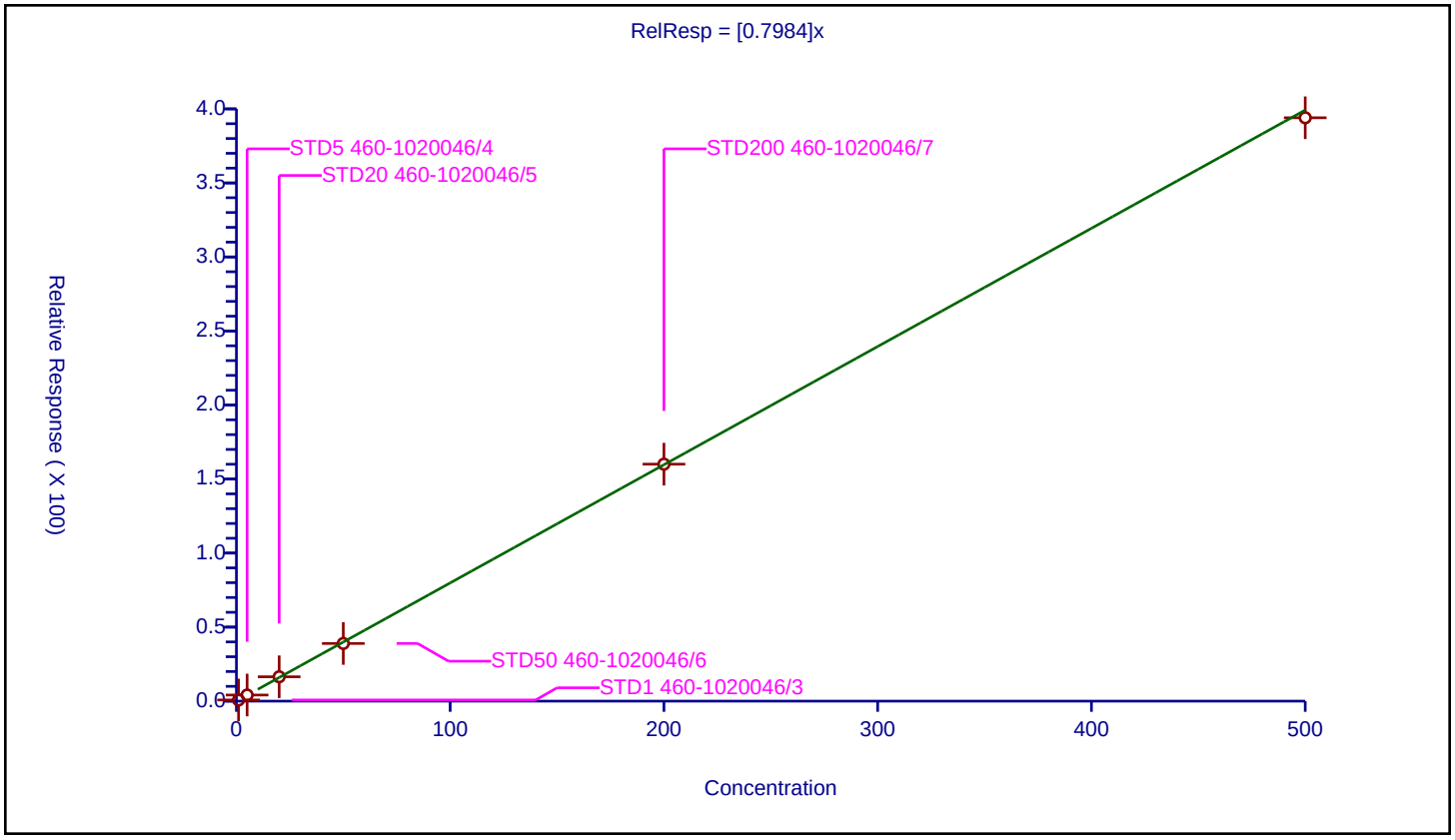
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7984 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.775455 | 50.0 | 398347.0 | 0.775455 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 4.123782 | 50.0 | 399427.0 | 0.824756 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 16.448374 | 50.0 | 415649.0 | 0.822419 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 38.961282 | 50.0 | 428143.0 | 0.779226 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 160.060946 | 50.0 | 509957.0 | 0.800305 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 394.015307 | 50.0 | 579587.0 | 0.788031 | Y |



## Calibration / n-Butyl acrylate

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

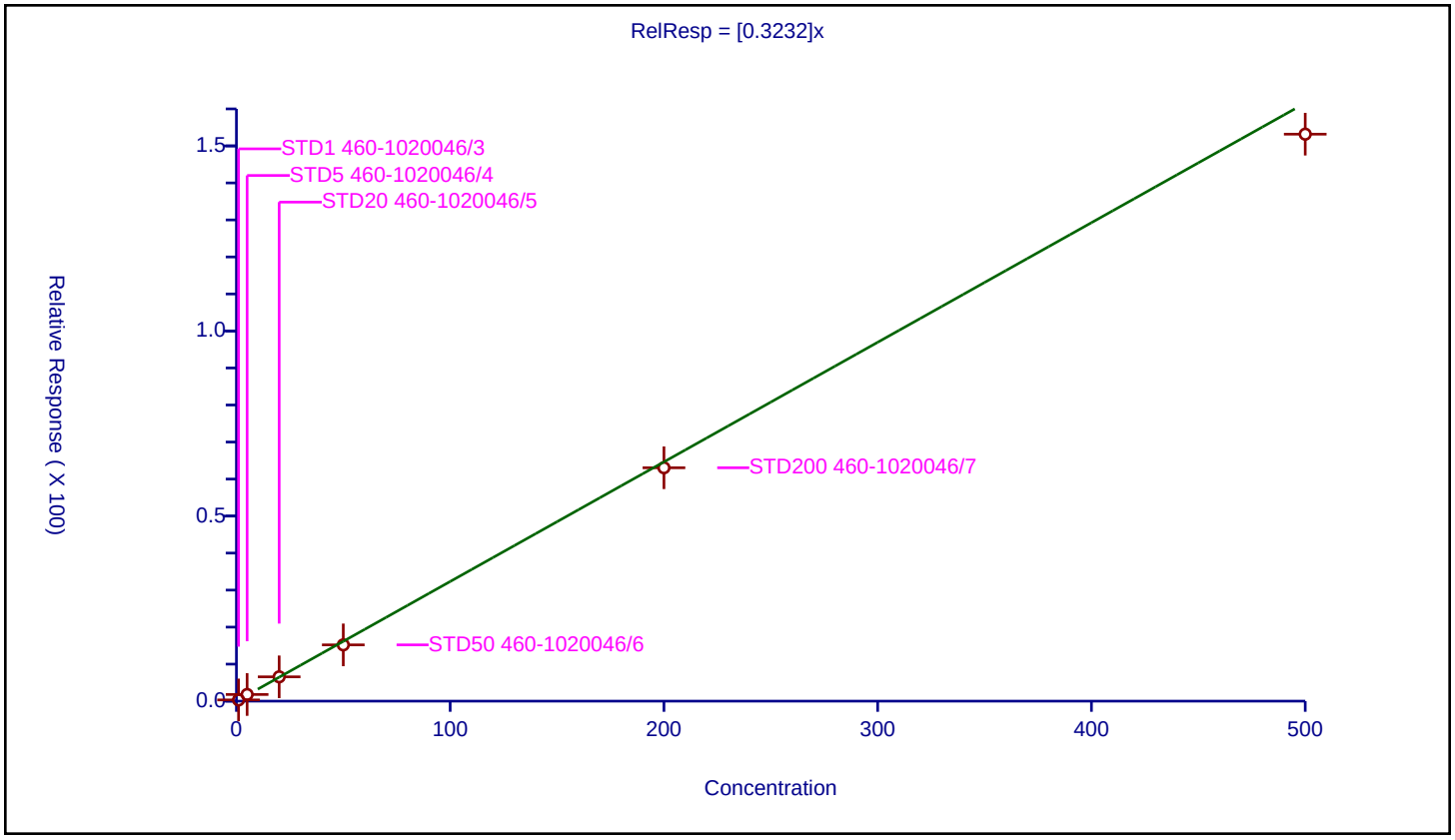
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3232 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.32547 | 50.0 | 398347.0 | 0.32547 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.797199 | 50.0 | 399427.0 | 0.35944 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.568884 | 50.0 | 415649.0 | 0.328444 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 15.200762 | 50.0 | 428143.0 | 0.304015 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 63.046296 | 50.0 | 509957.0 | 0.315231 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 153.168808 | 50.0 | 579587.0 | 0.306338 | Y |



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## Calibration / o-Xylene

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

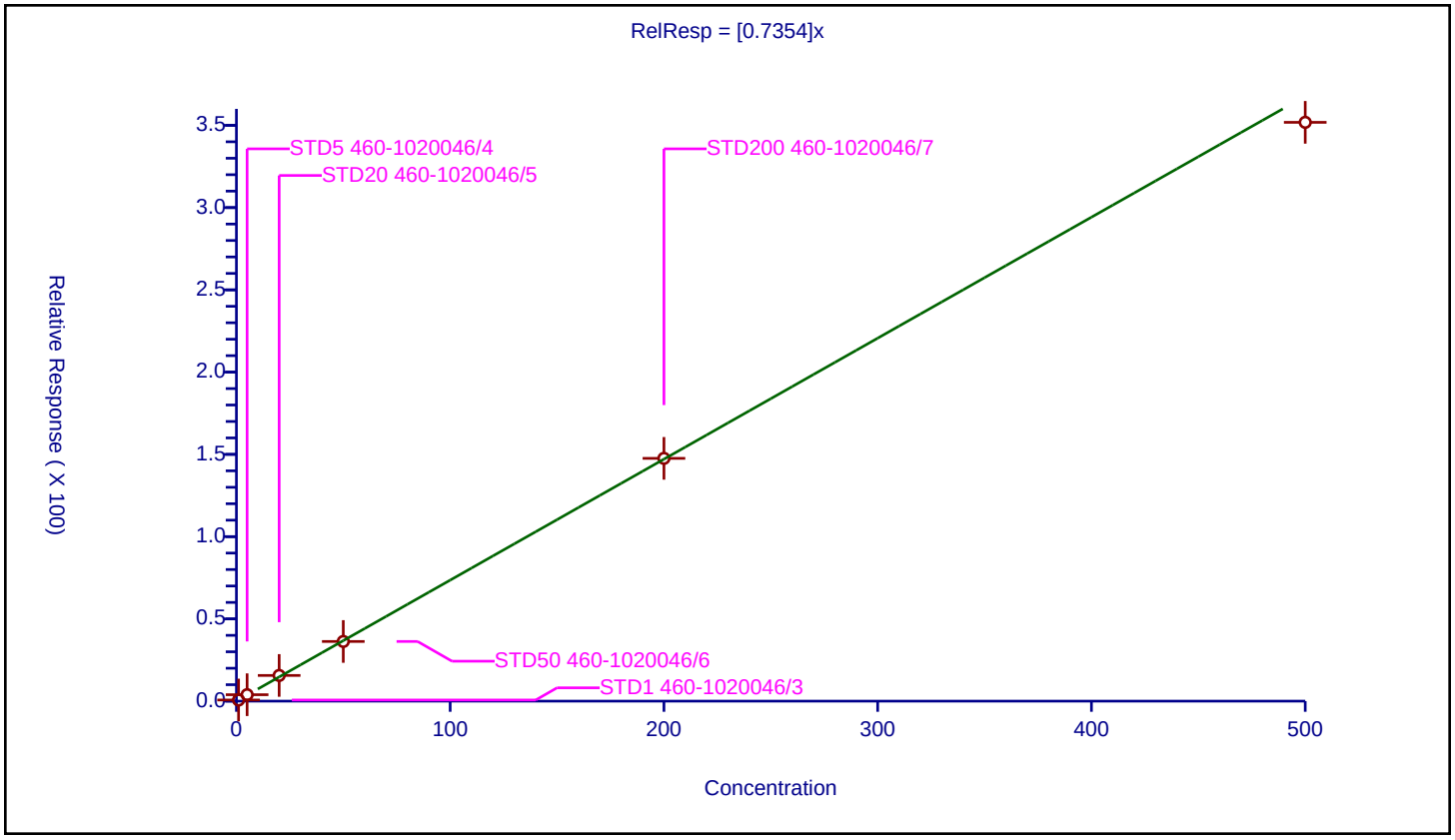
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7354 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.682696 | 50.0 | 398347.0 | 0.682696 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 3.909601 | 50.0 | 399427.0 | 0.78192 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 15.617023 | 50.0 | 415649.0 | 0.780851 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 36.278533 | 50.0 | 428143.0 | 0.725571 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 147.583326 | 50.0 | 509957.0 | 0.737917 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 351.818191 | 50.0 | 579587.0 | 0.703636 | Y |



## Calibration / Styrene

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

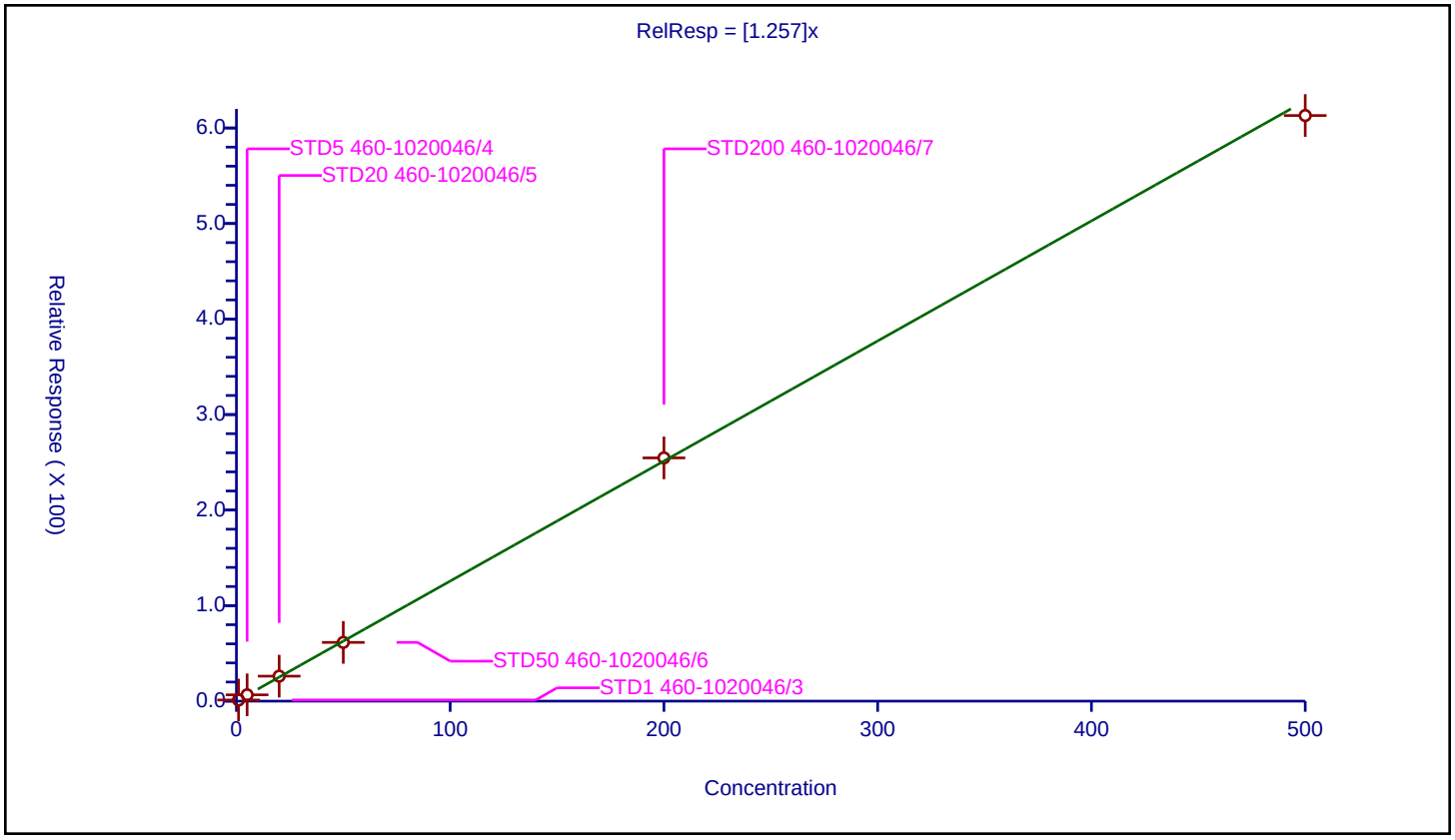
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.257 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.183516 | 50.0 | 398347.0 | 1.183516 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 6.599954 | 50.0 | 399427.0 | 1.319991 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 26.171241 | 50.0 | 415649.0 | 1.308562 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 61.490437 | 50.0 | 428143.0 | 1.229809 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 254.620978 | 50.0 | 509957.0 | 1.273105 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 613.070687 | 50.0 | 579587.0 | 1.226141 | Y |



## Calibration / Amyl acetate (mixed isomers)

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

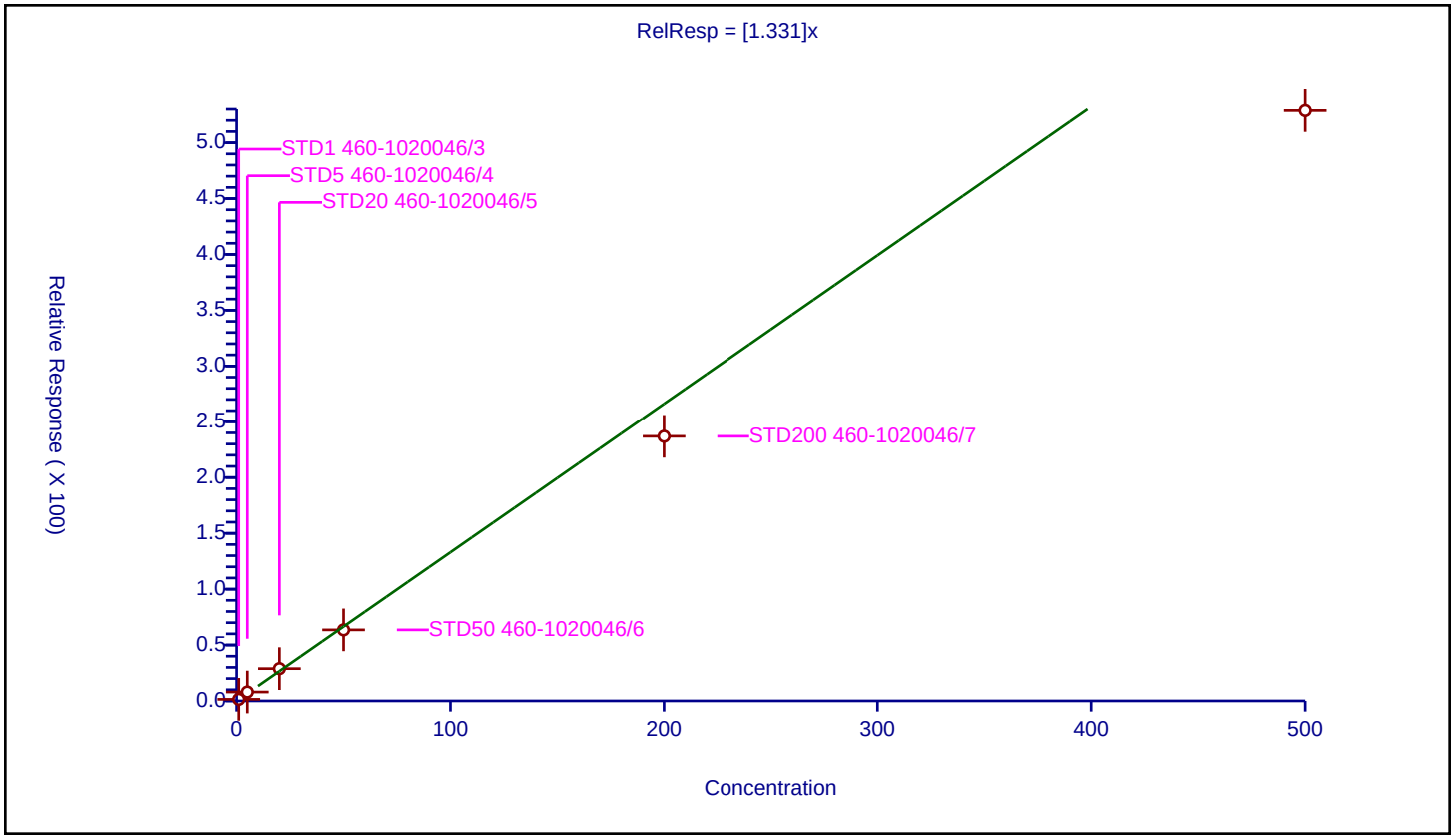
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.331 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.429857 | 50.0 | 185613.0 | 1.429857 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 7.982846 | 50.0 | 188523.0 | 1.596569 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 28.882425 | 50.0 | 200783.0 | 1.444121 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 63.550435 | 50.0 | 216565.0 | 1.271009 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 236.950505 | 50.0 | 286149.0 | 1.184753 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 528.804673 | 50.0 | 359709.0 | 1.057609 | Y |



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## Calibration / Bromoform

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

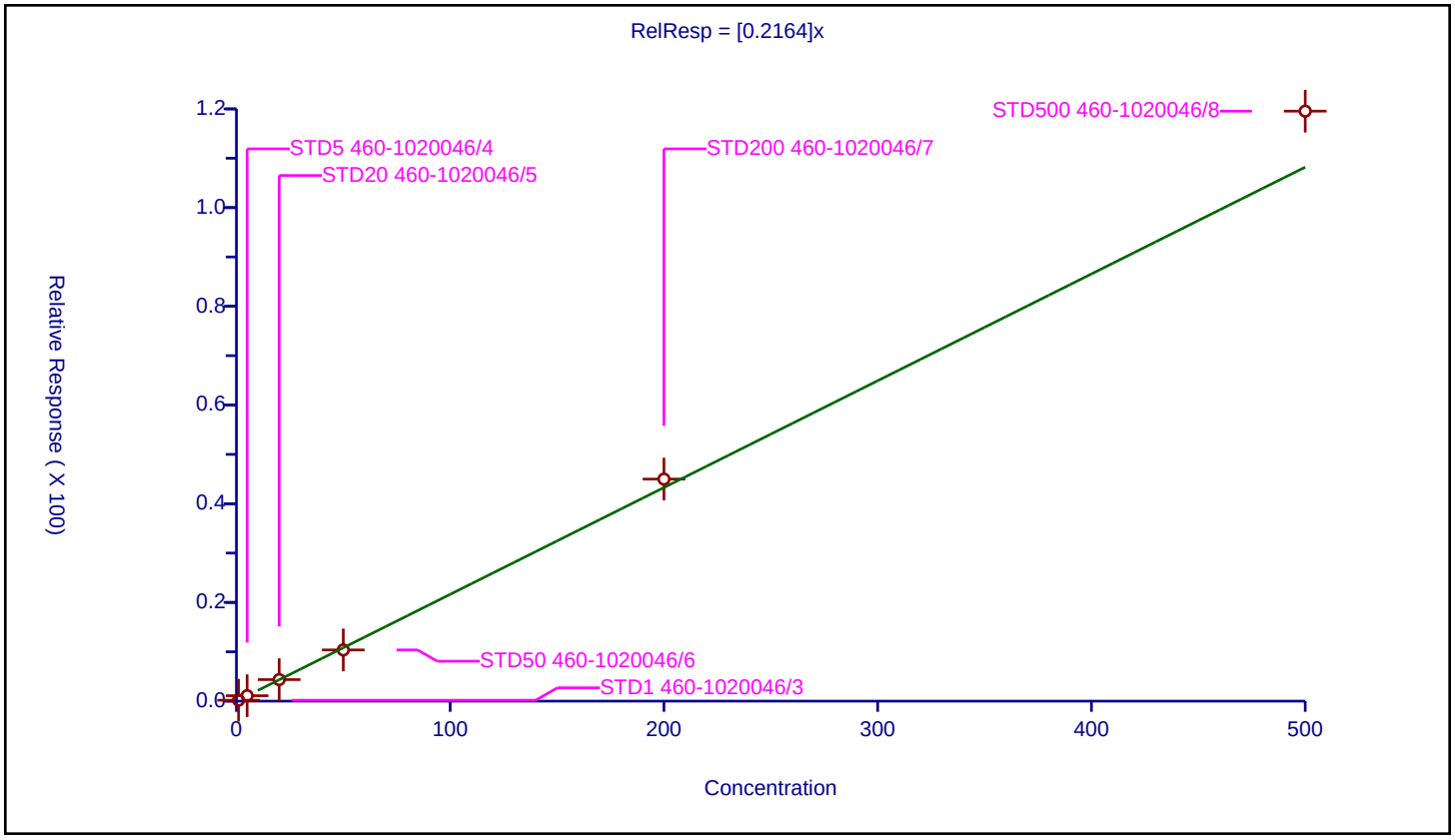
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2164 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.188529 | 50.0 | 398347.0 | 0.188529 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.100326 | 50.0 | 399427.0 | 0.220065 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 4.364139 | 50.0 | 415649.0 | 0.218207 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 10.374104 | 50.0 | 428143.0 | 0.207482 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 44.993107 | 50.0 | 509957.0 | 0.224966 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 119.545297 | 50.0 | 579587.0 | 0.239091 | Y |



## Calibration / Isopropylbenzene

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

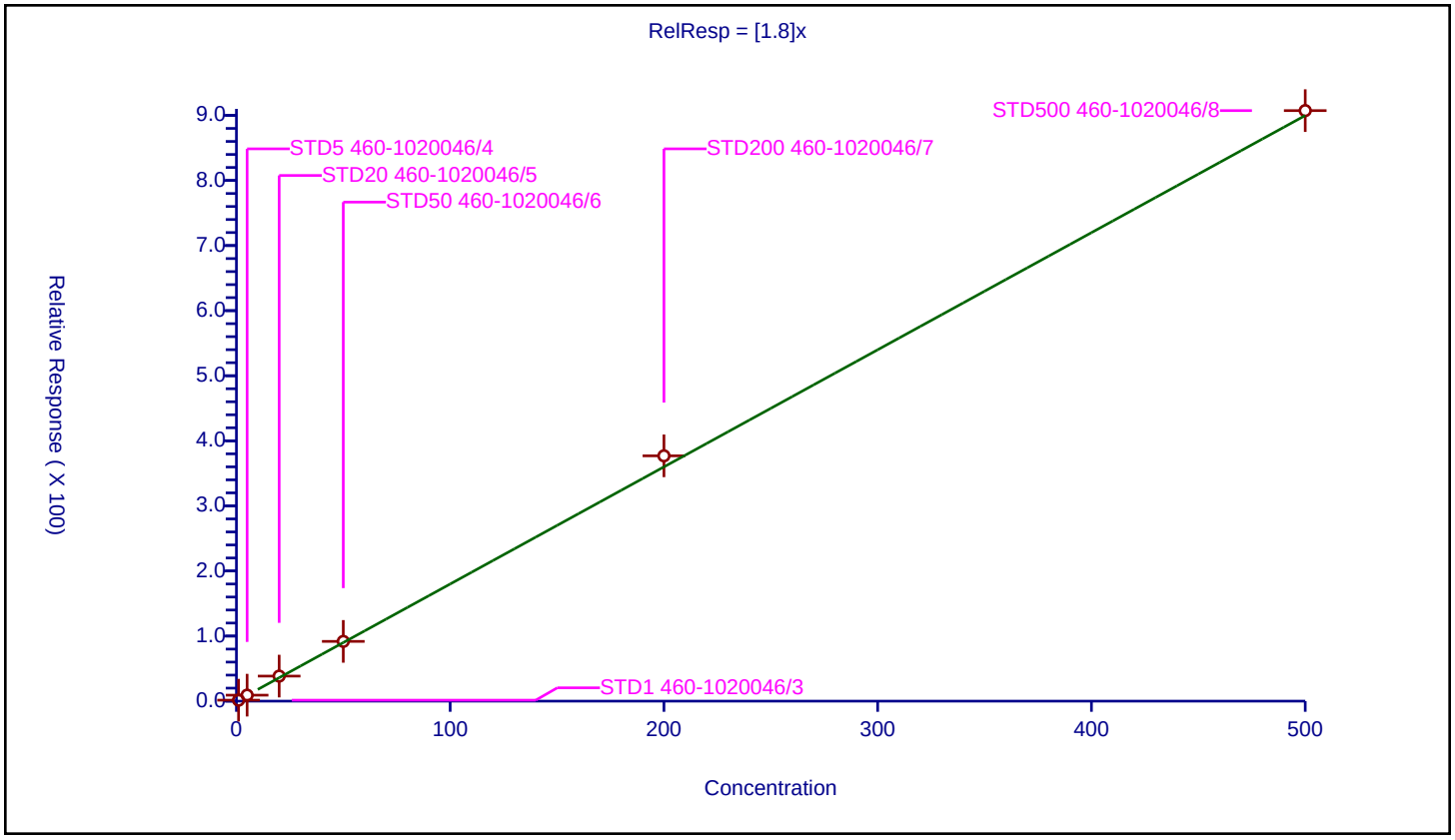
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.8 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.502835 | 50.0 | 398347.0 | 1.502835 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 9.17264 | 50.0 | 399427.0 | 1.834528 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 38.497266 | 50.0 | 415649.0 | 1.924863 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 91.819322 | 50.0 | 428143.0 | 1.836386 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 376.910798 | 50.0 | 509957.0 | 1.884554 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 907.326769 | 50.0 | 579587.0 | 1.814654 | Y |



## Calibration / 4-Bromofluorobenzene

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

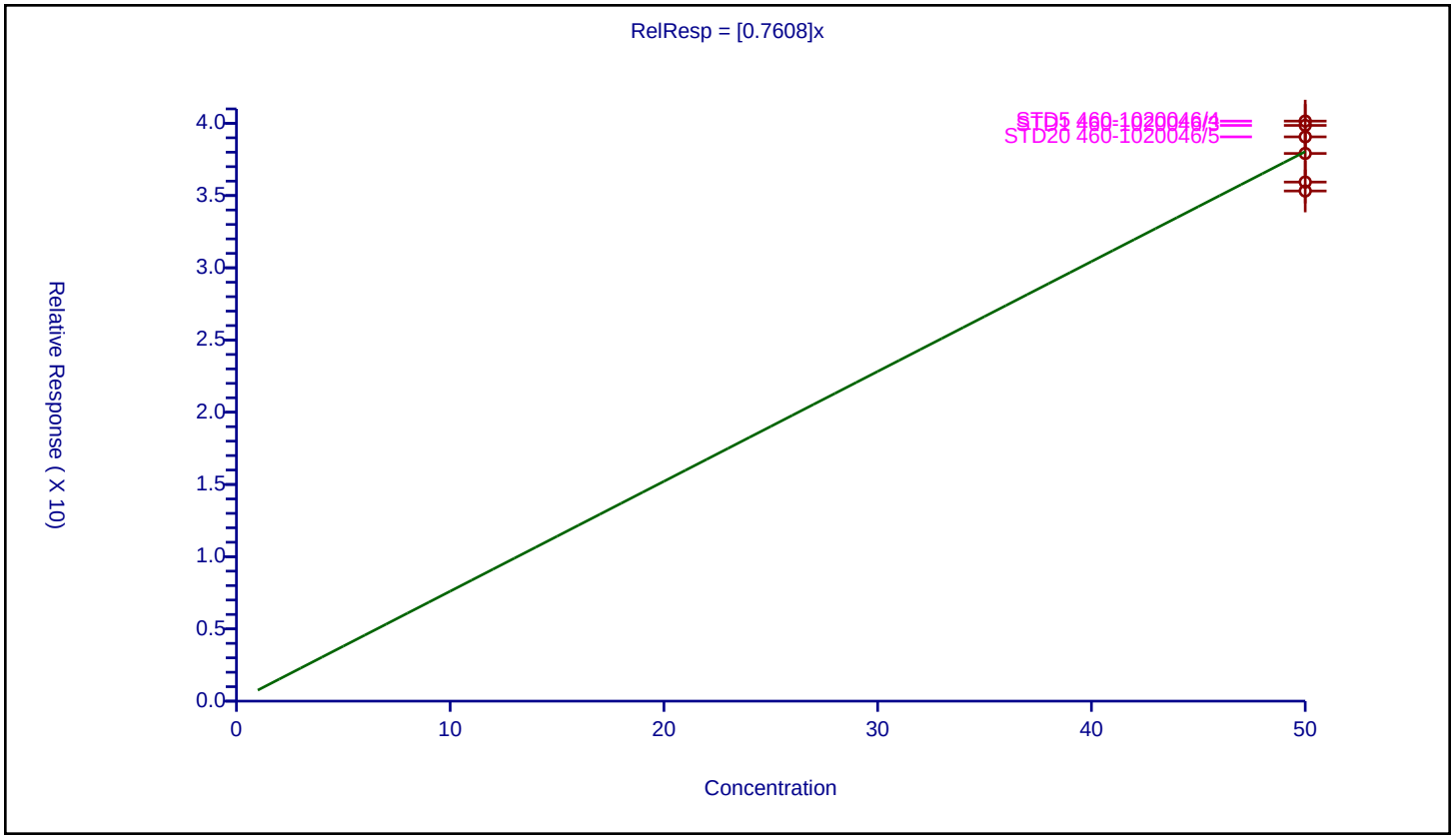
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7608 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 50.0 | 39.857661 | 50.0 | 185613.0 | 0.797153 | Y |
| 2 | STD5 460-1020046/4 | 50.0 | 40.156373 | 50.0 | 188523.0 | 0.803127 | Y |
| 3 | STD20 460-1020046/5 | 50.0 | 39.064811 | 50.0 | 200783.0 | 0.781296 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 37.915176 | 50.0 | 216565.0 | 0.758304 | Y |
| 5 | STD200 460-1020046/7 | 50.0 | 35.935824 | 50.0 | 286149.0 | 0.718716 | Y |
| 6 | STD500 460-1020046/8 | 50.0 | 35.316742 | 50.0 | 359709.0 | 0.706335 | Y |



## Calibration / Bromobenzene

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

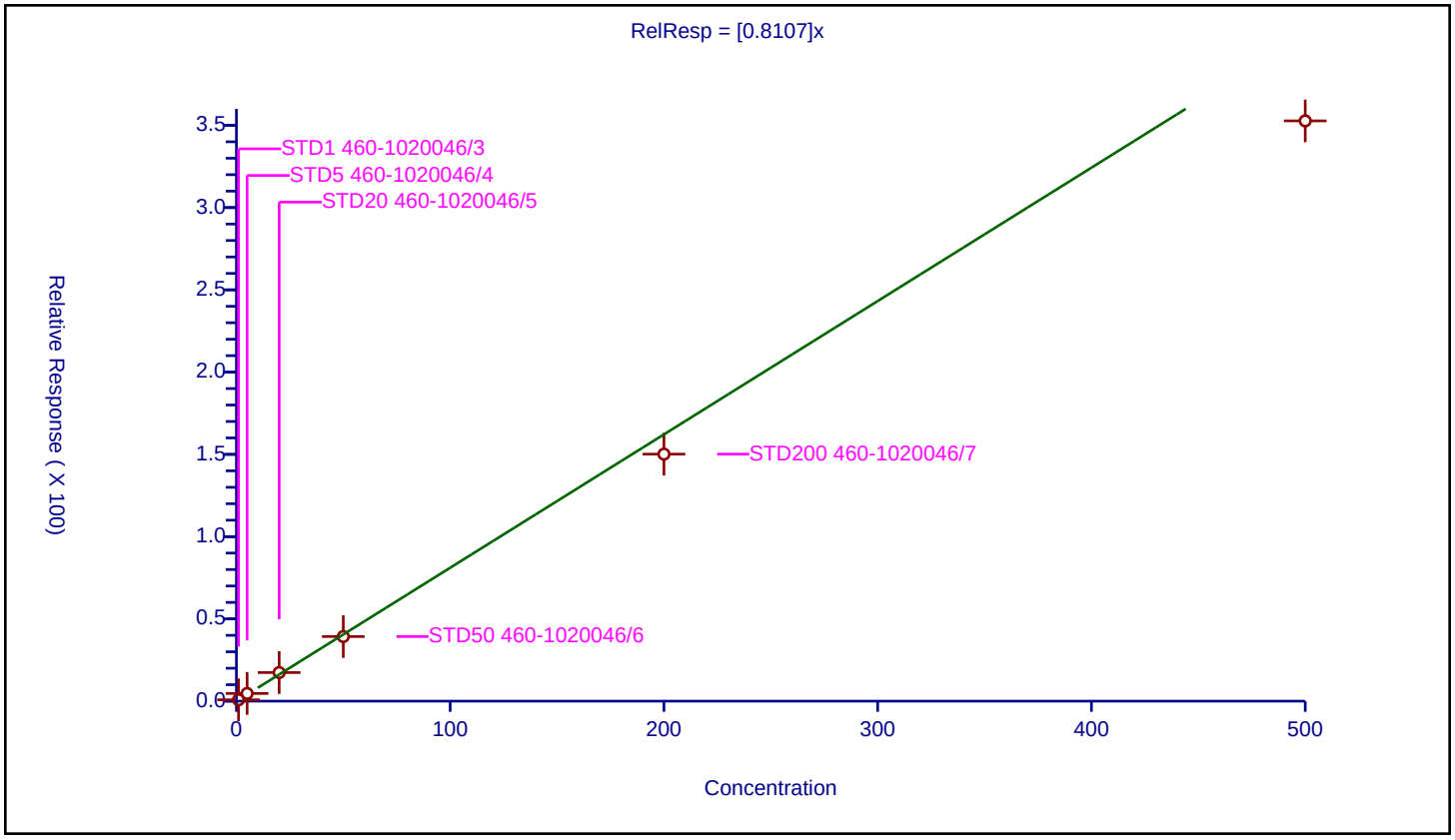
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8107 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.818369 | 50.0 | 185613.0 | 0.818369 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 4.676352 | 50.0 | 188523.0 | 0.93527 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 17.376222 | 50.0 | 200783.0 | 0.868811 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 39.270196 | 50.0 | 216565.0 | 0.785404 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 150.138389 | 50.0 | 286149.0 | 0.750692 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 352.718586 | 50.0 | 359709.0 | 0.705437 | Y |



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## Calibration / 1,1,2,2-Tetrachloroethane

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

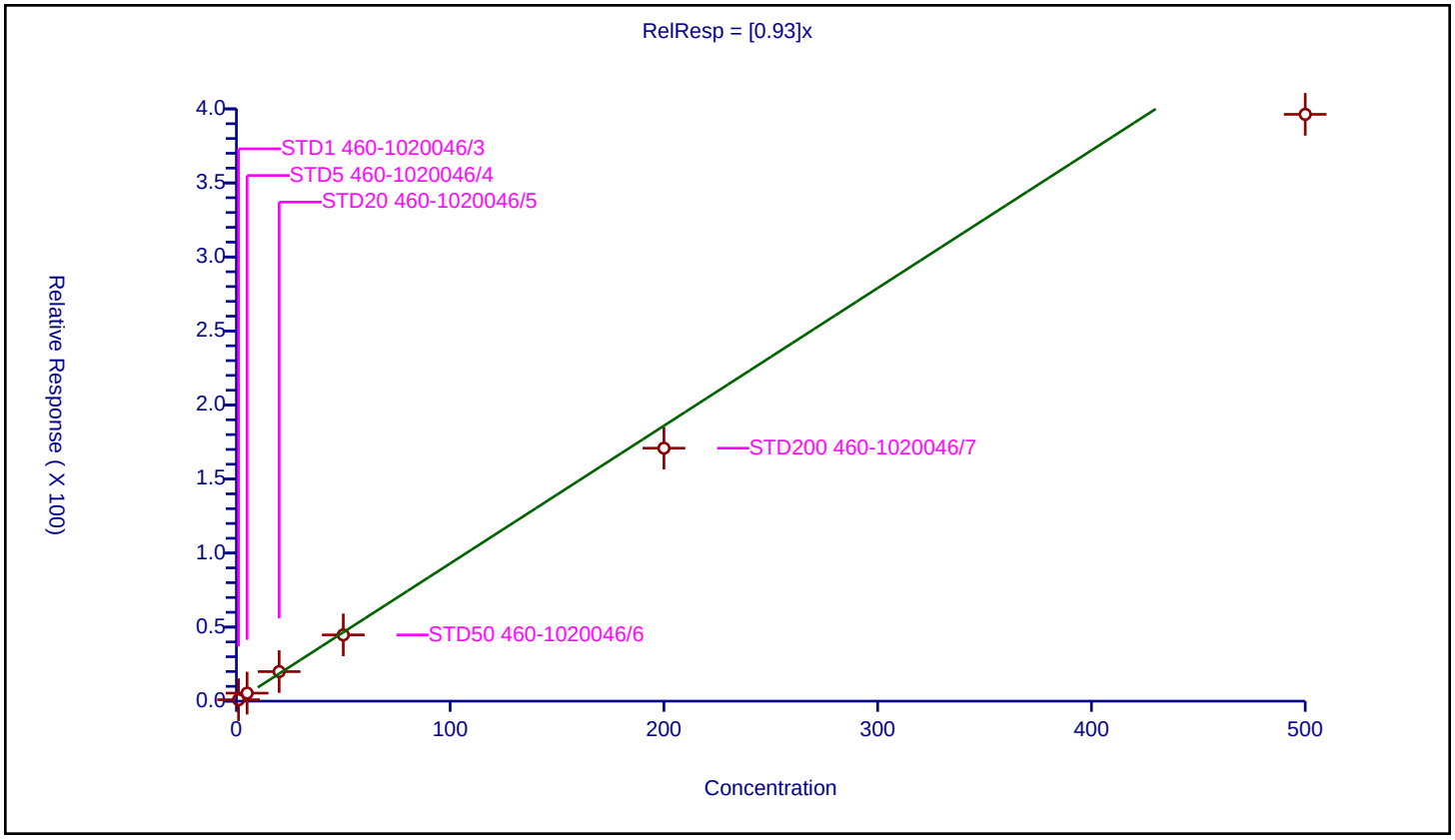
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.93 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.95683 | 50.0 | 185613.0 | 0.95683 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.417376 | 50.0 | 188523.0 | 1.083475 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 19.958861 | 50.0 | 200783.0 | 0.997943 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 44.737377 | 50.0 | 216565.0 | 0.894748 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 170.853996 | 50.0 | 286149.0 | 0.85427 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 396.31883 | 50.0 | 359709.0 | 0.792638 | Y |



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## Calibration / N-Propylbenzene

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

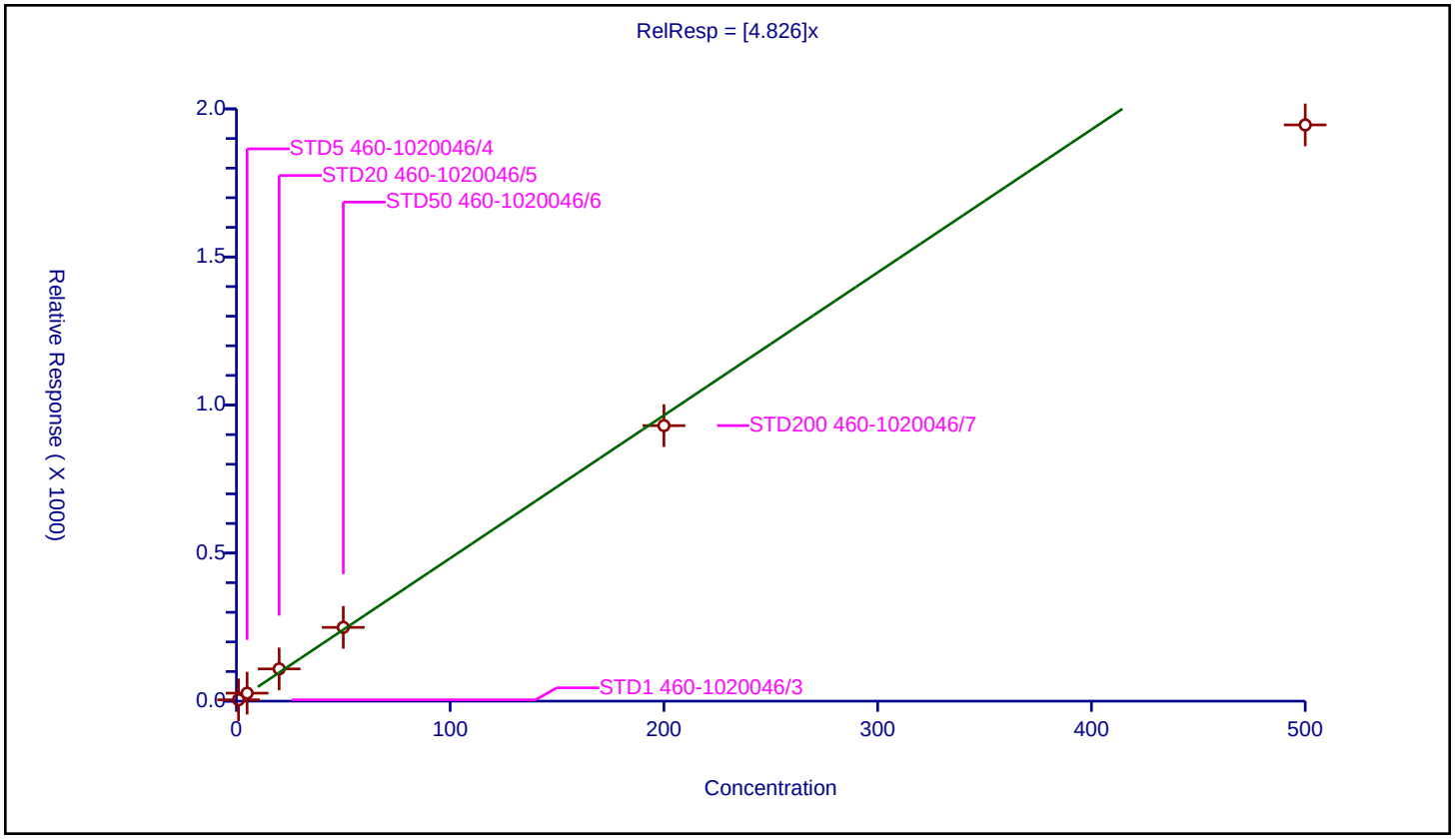
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.826 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 4.572417 | 50.0 | 185613.0 | 4.572417 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 27.053728 | 50.0 | 188523.0 | 5.410746 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 108.895424 | 50.0 | 200783.0 | 5.444771 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 249.101194 | 50.0 | 216565.0 | 4.982024 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 930.367047 | 50.0 | 286149.0 | 4.651835 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1945.822873 | 50.0 | 359709.0 | 3.891646 | Y |



## Calibration / 1,2,3-Trichloropropane

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

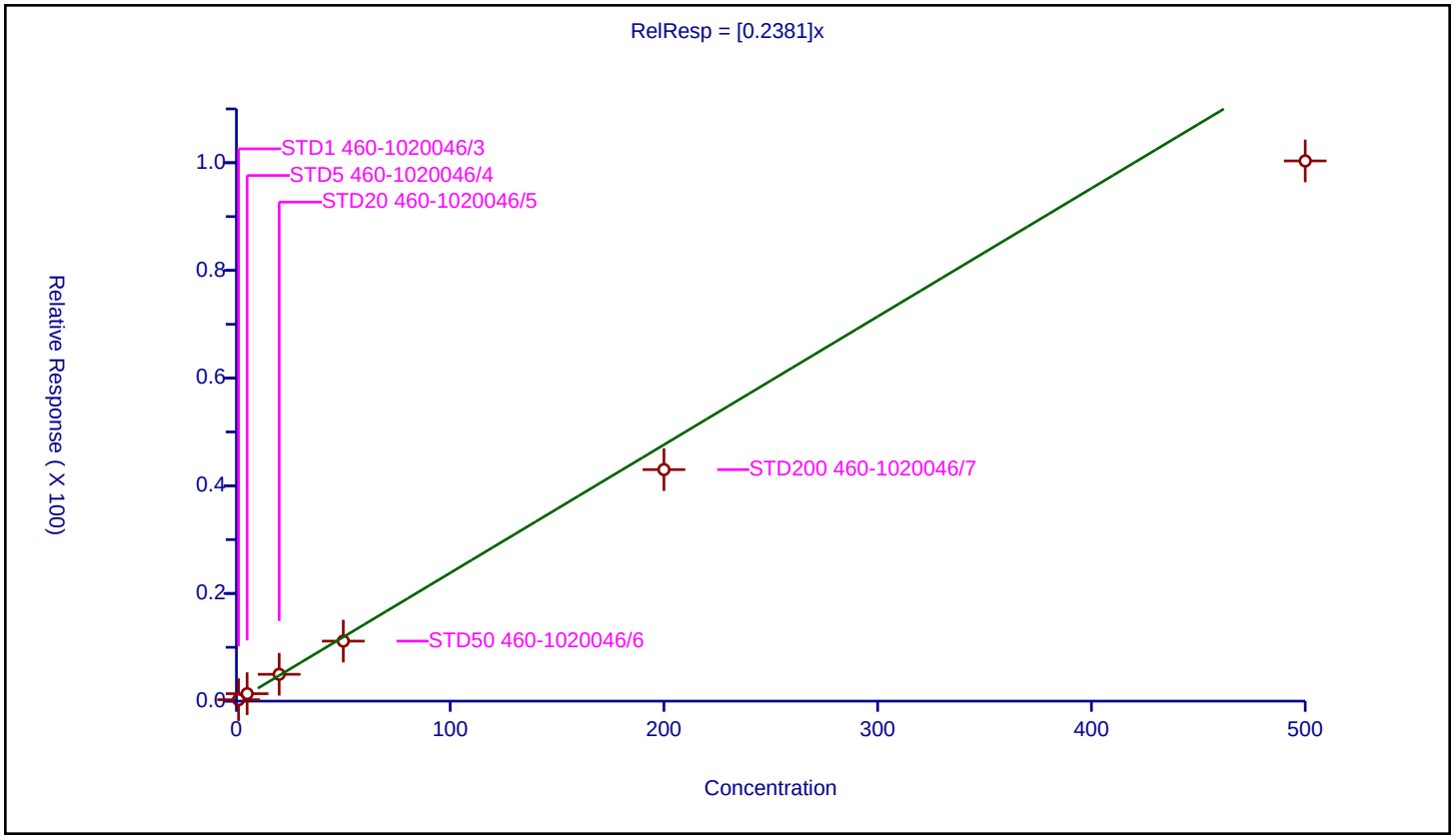
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2381 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.26426 | 50.0 | 185613.0 | 0.26426 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.382855 | 50.0 | 188523.0 | 0.276571 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 4.983988 | 50.0 | 200783.0 | 0.249199 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 11.150001 | 50.0 | 216565.0 | 0.223 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 43.003994 | 50.0 | 286149.0 | 0.21502 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 100.341248 | 50.0 | 359709.0 | 0.200682 | Y |



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## Calibration / trans-1,4-Dichloro-2-butene

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

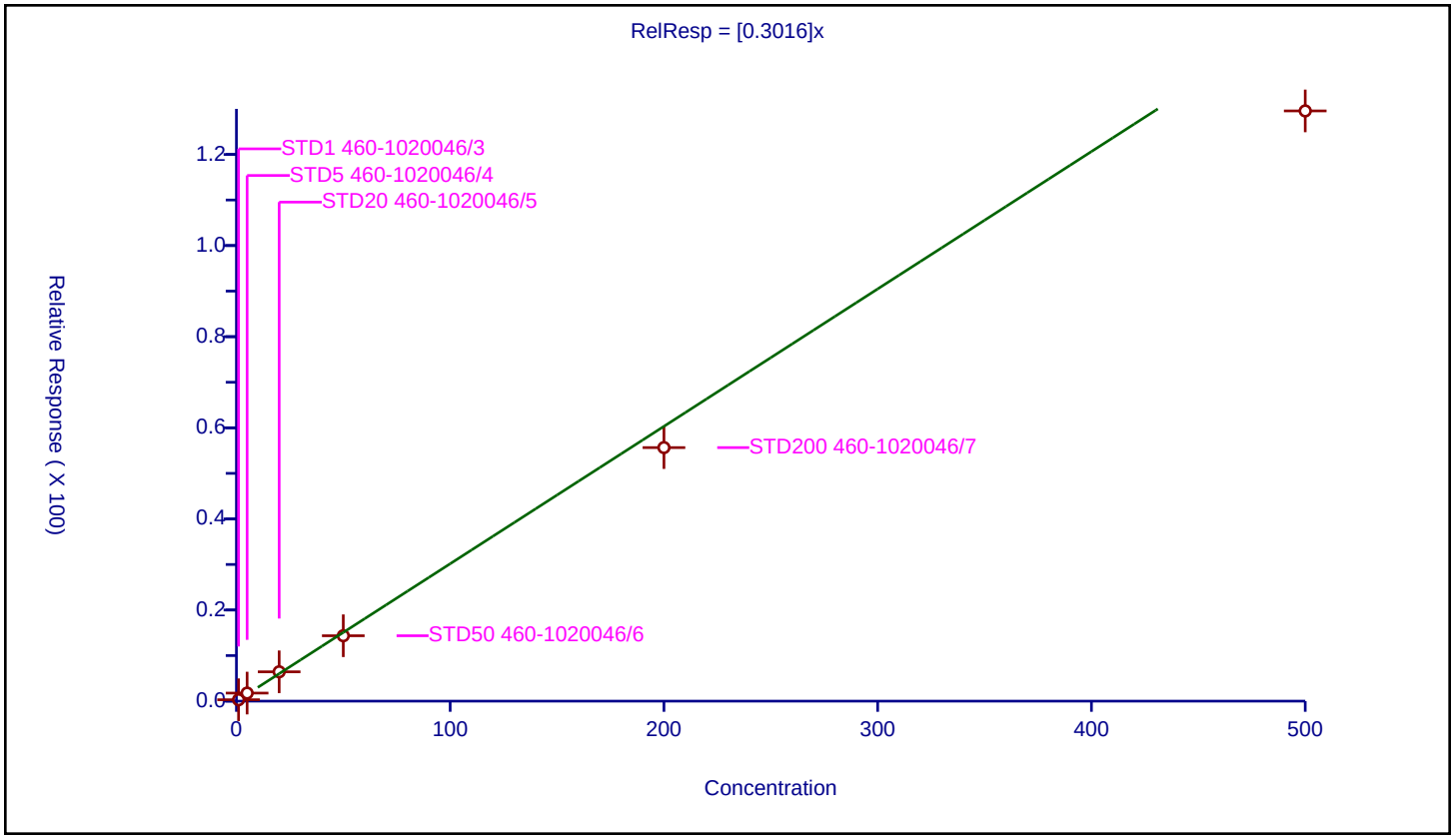
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3016 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.309246 | 50.0 | 185613.0 | 0.309246 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 1.769811 | 50.0 | 188523.0 | 0.353962 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 6.437796 | 50.0 | 200783.0 | 0.32189 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 14.354351 | 50.0 | 216565.0 | 0.287087 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 55.654746 | 50.0 | 286149.0 | 0.278274 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 129.553472 | 50.0 | 359709.0 | 0.259107 | Y |



## Calibration / 2-Chlorotoluene

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

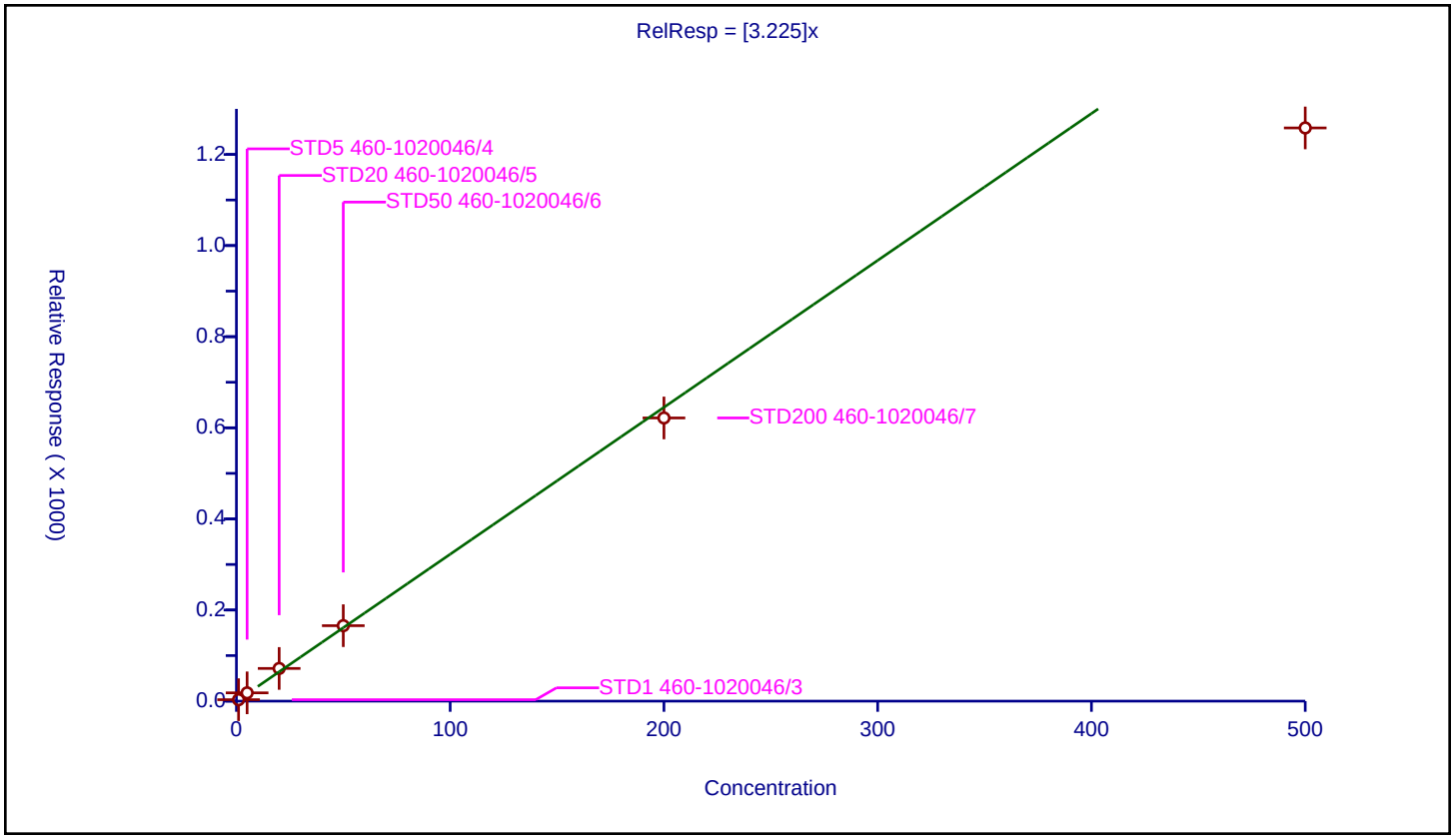
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.178657 | 50.0 | 185613.0 | 3.178657 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 18.215815 | 50.0 | 188523.0 | 3.643163 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 71.772013 | 50.0 | 200783.0 | 3.588601 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 165.638261 | 50.0 | 216565.0 | 3.312765 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 621.624398 | 50.0 | 286149.0 | 3.108122 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1258.17925 | 50.0 | 359709.0 | 2.516359 | Y |



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## Calibration / 4-Ethyltoluene

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

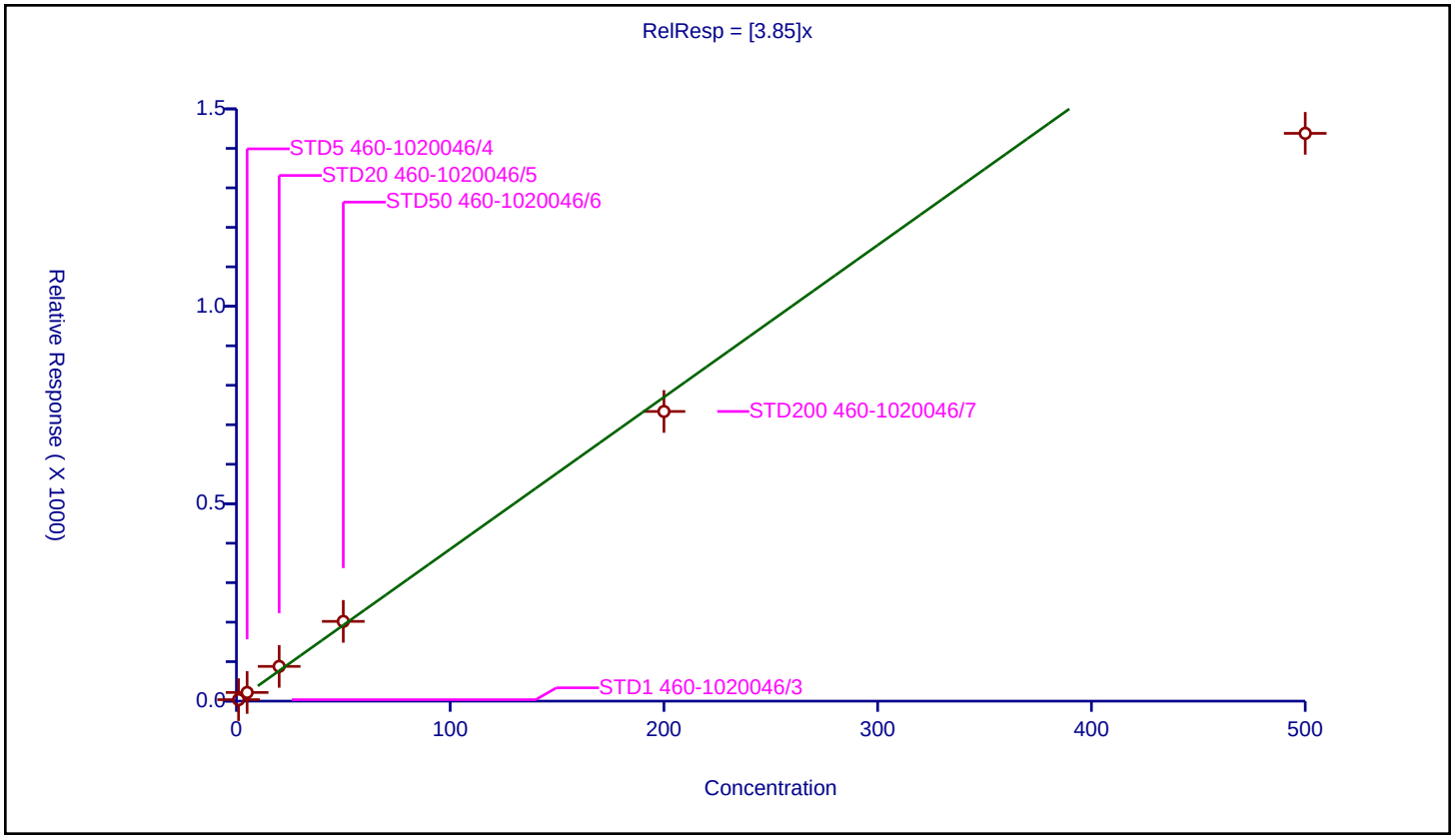
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.85 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.719298 | 50.0 | 185613.0 | 3.719298 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 21.981138 | 50.0 | 188523.0 | 4.396228 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 87.965117 | 50.0 | 200783.0 | 4.398256 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 201.989934 | 50.0 | 216565.0 | 4.039799 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 733.686471 | 50.0 | 286149.0 | 3.668432 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1438.051453 | 50.0 | 359709.0 | 2.876103 | Y |



## Calibration / 1,3,5-Trimethylbenzene

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

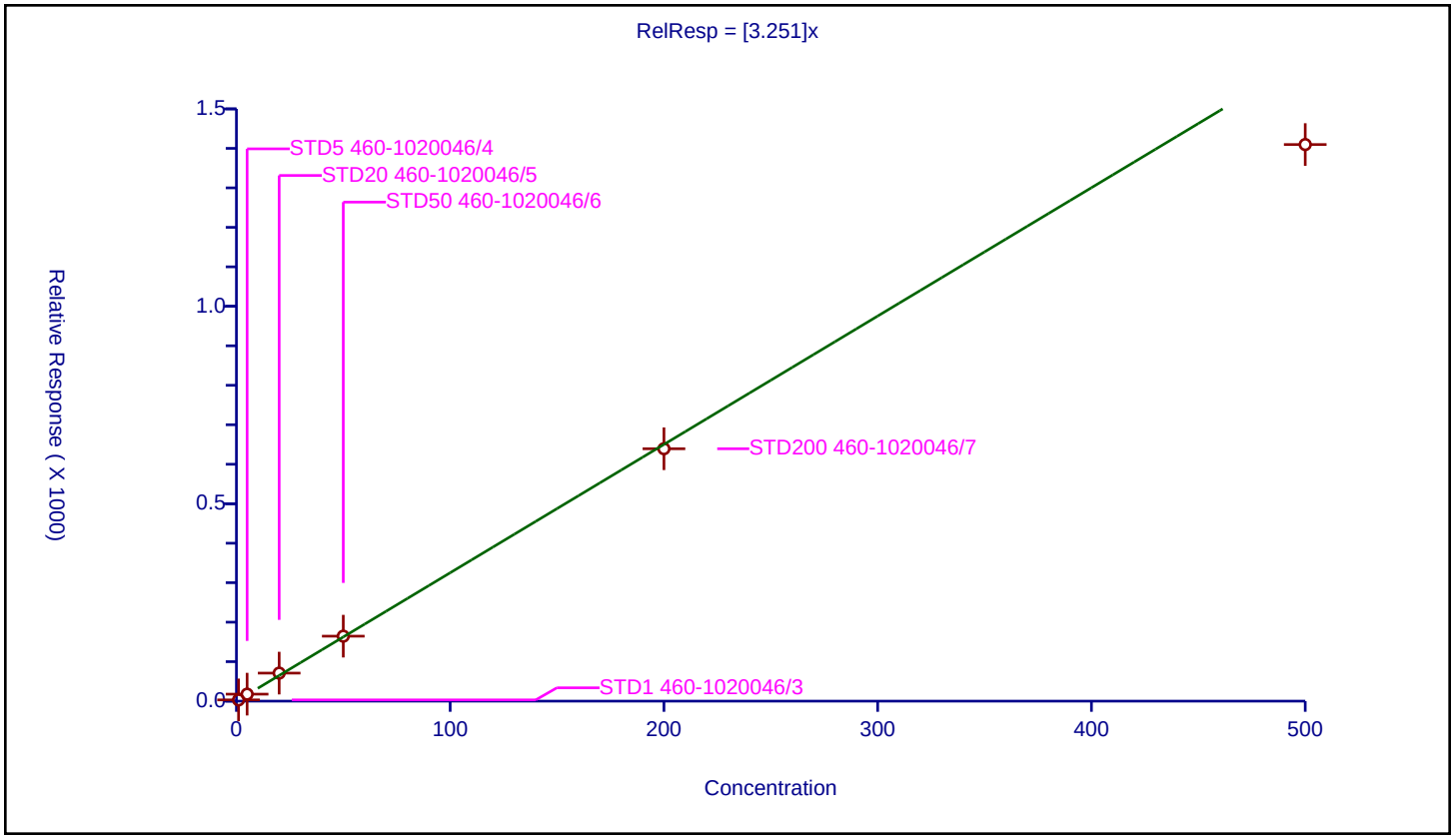
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.104308 | 50.0 | 185613.0 | 3.104308 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 17.730197 | 50.0 | 188523.0 | 3.546039 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 70.974136 | 50.0 | 200783.0 | 3.548707 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 164.557061 | 50.0 | 216565.0 | 3.291141 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 639.275168 | 50.0 | 286149.0 | 3.196376 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1409.658919 | 50.0 | 359709.0 | 2.819318 | Y |



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## Calibration / 4-Chlorotoluene

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

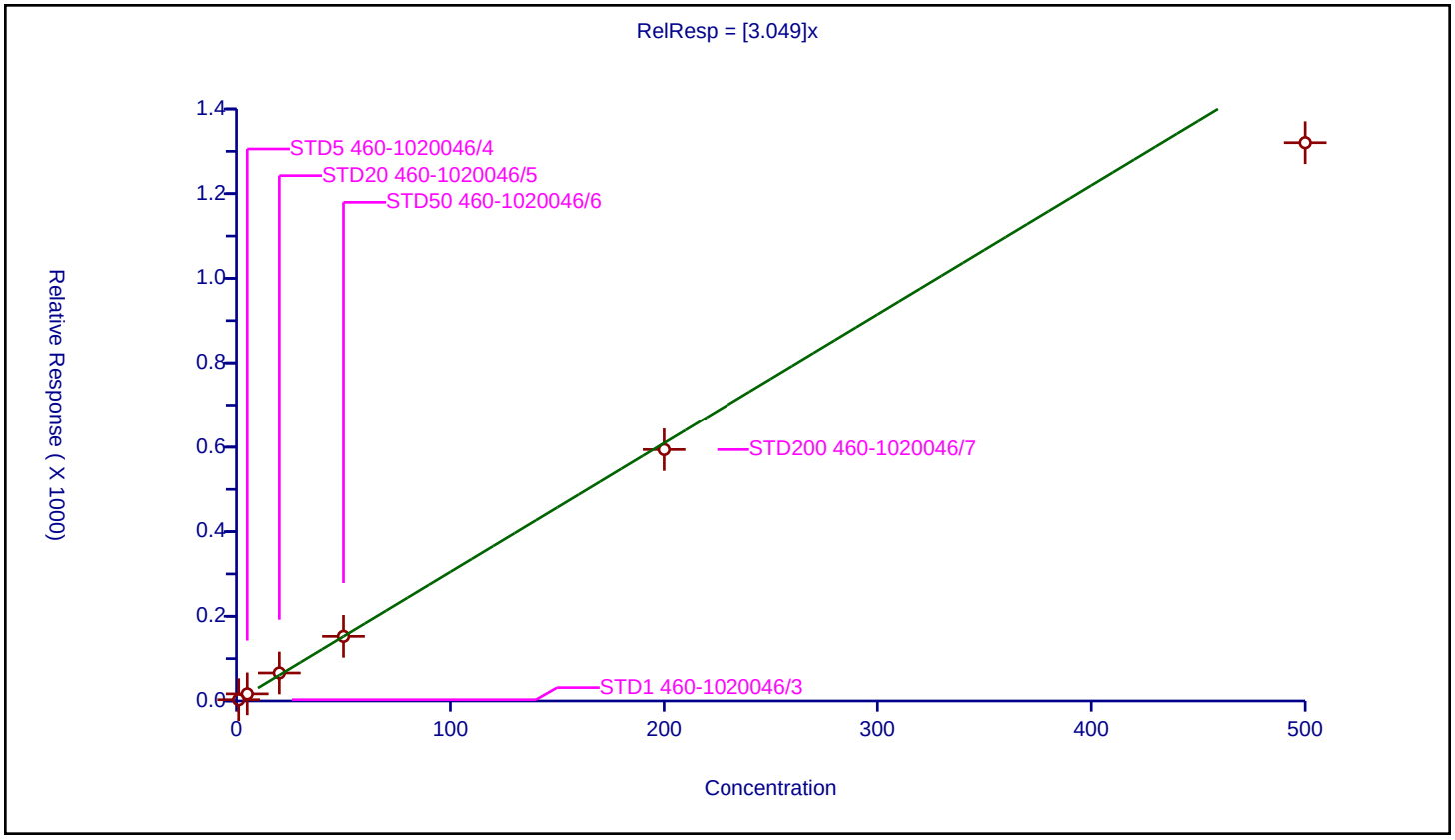
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.049 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 2.973121 | 50.0 | 185613.0 | 2.973121 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 16.751272 | 50.0 | 188523.0 | 3.350254 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 66.091751 | 50.0 | 200783.0 | 3.304588 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 152.639392 | 50.0 | 216565.0 | 3.052788 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 594.117226 | 50.0 | 286149.0 | 2.970586 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1320.378695 | 50.0 | 359709.0 | 2.640757 | Y |



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## Calibration / Butyl Methacrylate

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

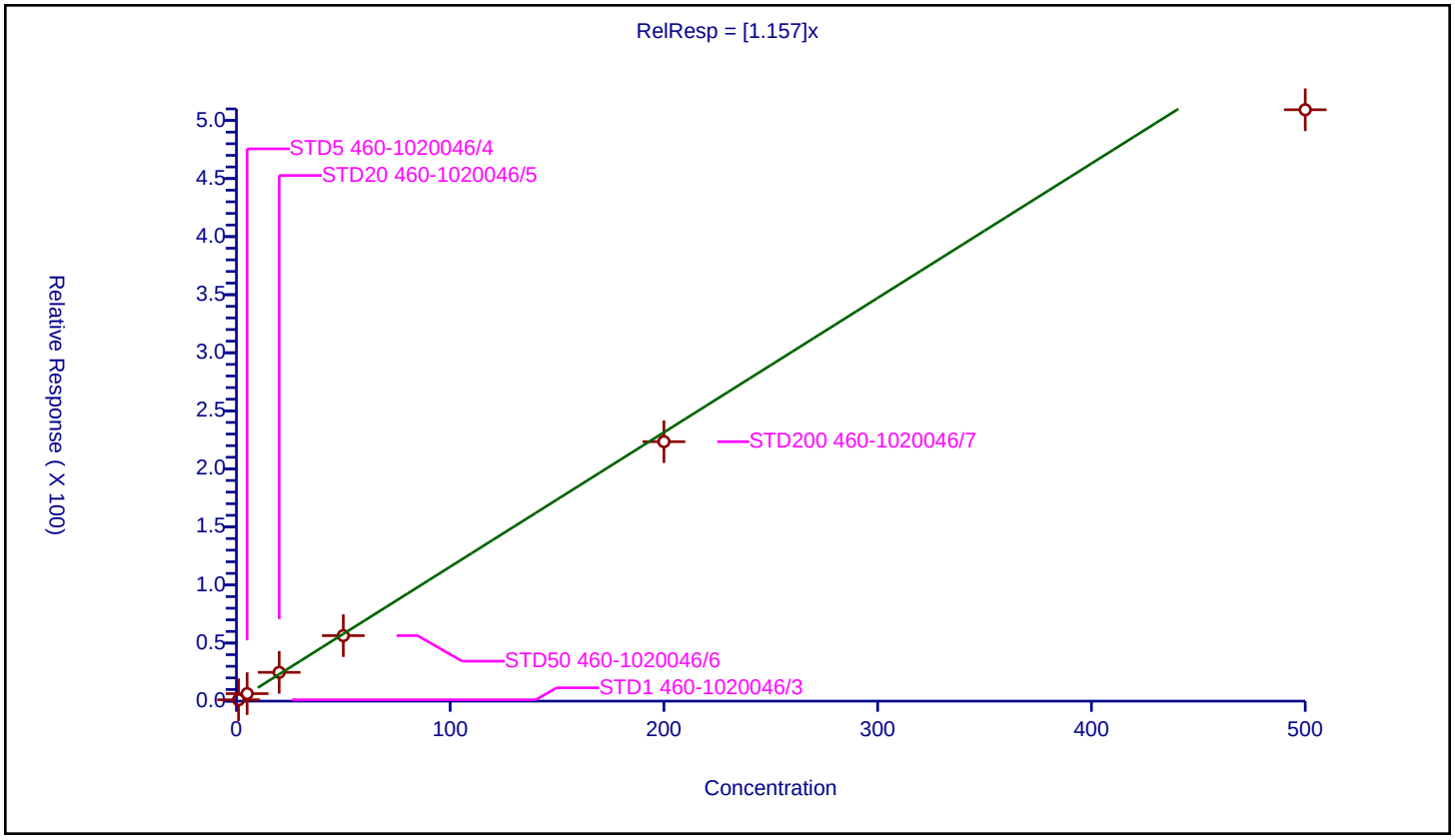
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.157 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.148088 | 50.0 | 185613.0 | 1.148088 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 6.466585 | 50.0 | 188523.0 | 1.293317 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 24.780235 | 50.0 | 200783.0 | 1.239012 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 56.402466 | 50.0 | 216565.0 | 1.128049 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 223.455088 | 50.0 | 286149.0 | 1.117275 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 509.264711 | 50.0 | 359709.0 | 1.018529 | Y |



## Calibration / tert-Butylbenzene

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

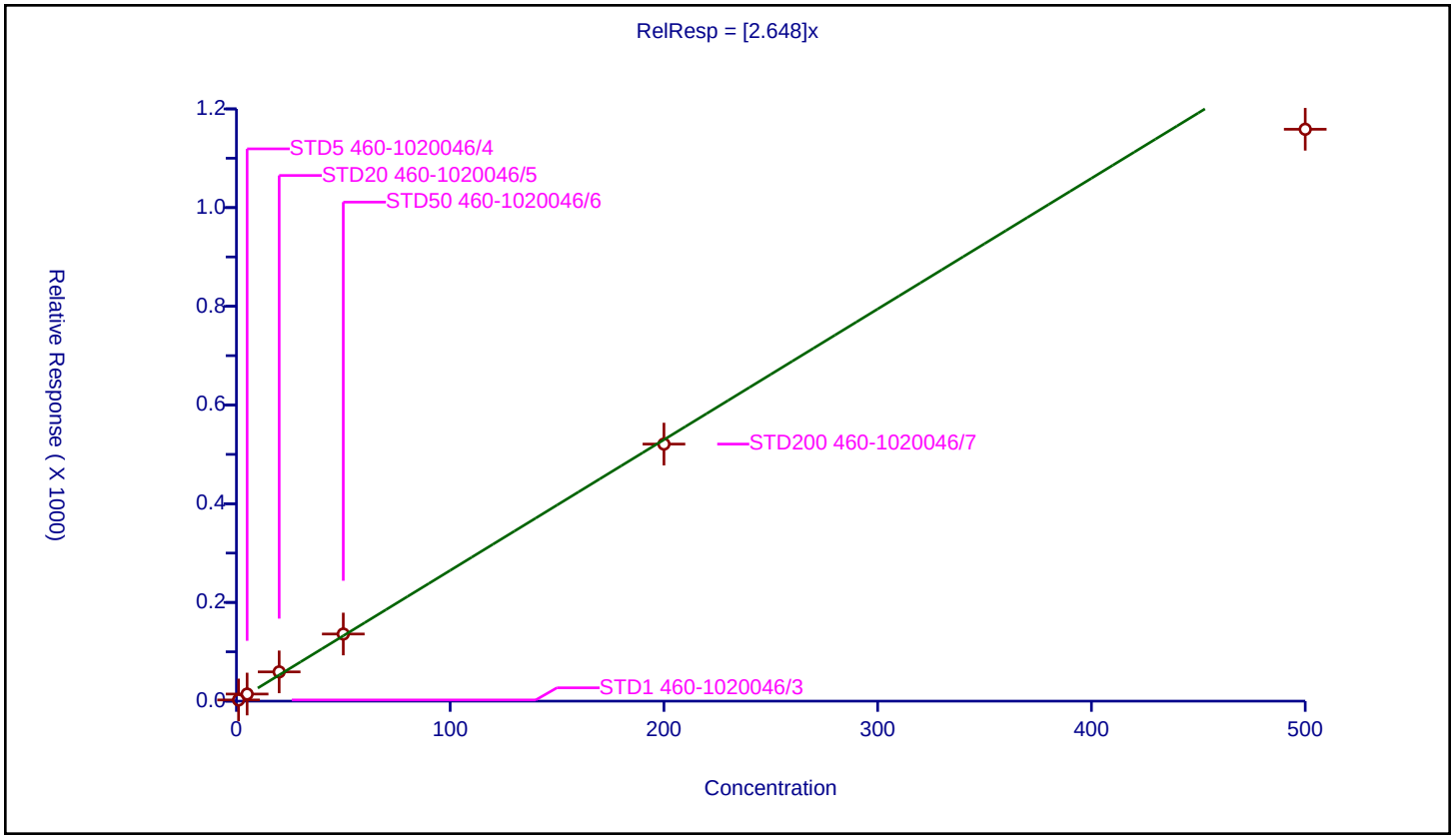
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.648 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 2.409045 | 50.0 | 185613.0 | 2.409045 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 14.377821 | 50.0 | 188523.0 | 2.875564 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 59.286892 | 50.0 | 200783.0 | 2.964345 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 136.002817 | 50.0 | 216565.0 | 2.720056 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 520.866577 | 50.0 | 286149.0 | 2.604333 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1158.708567 | 50.0 | 359709.0 | 2.317417 | Y |



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## Calibration / 1,2,4-Trimethylbenzene

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

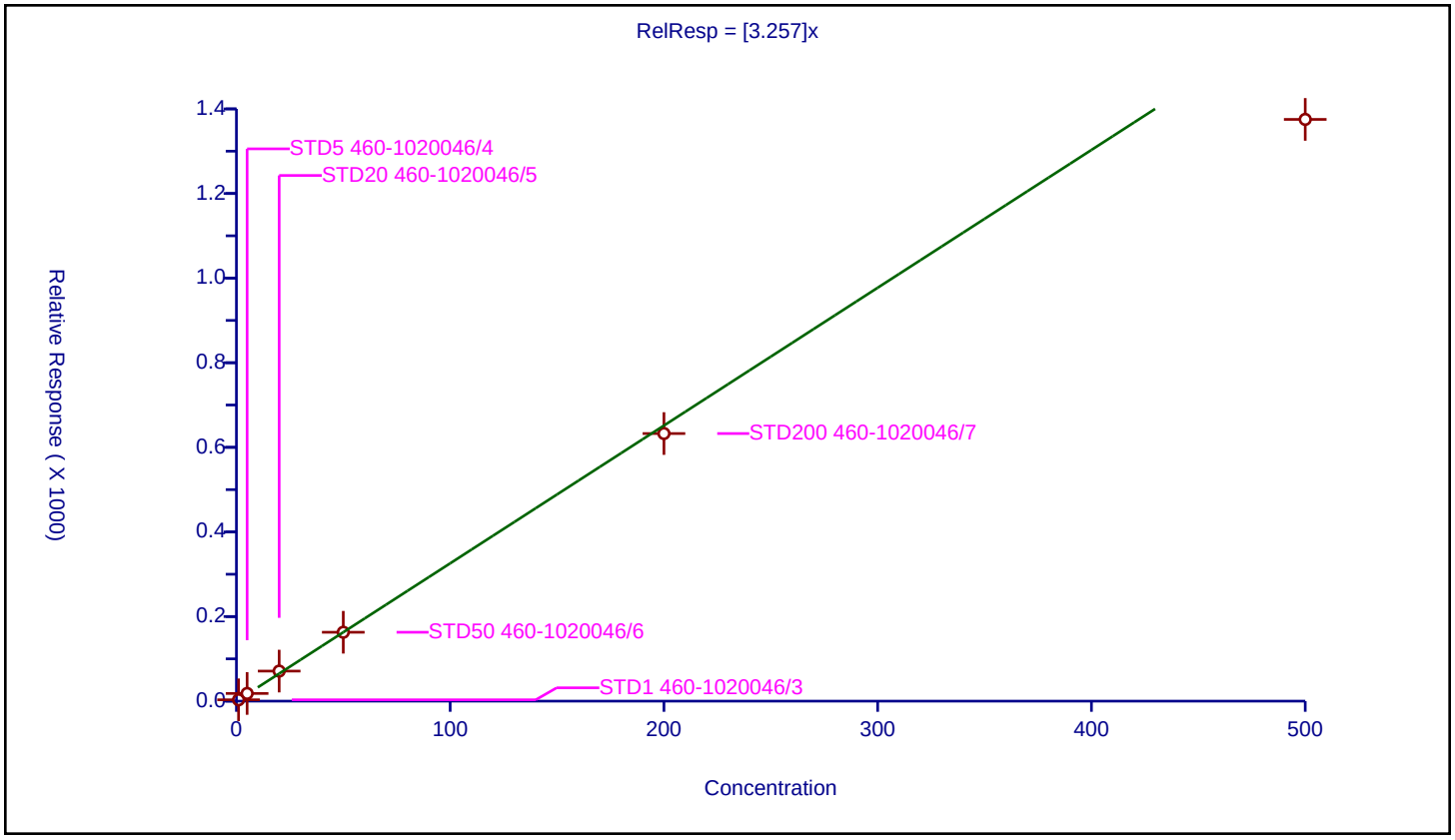
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.257 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.18566 | 50.0 | 185613.0 | 3.18566 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 18.184253 | 50.0 | 188523.0 | 3.636851 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 71.048595 | 50.0 | 200783.0 | 3.55243 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 162.821324 | 50.0 | 216565.0 | 3.256426 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 632.587219 | 50.0 | 286149.0 | 3.162936 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1375.122252 | 50.0 | 359709.0 | 2.750245 | Y |



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## Calibration / sec-Butylbenzene

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

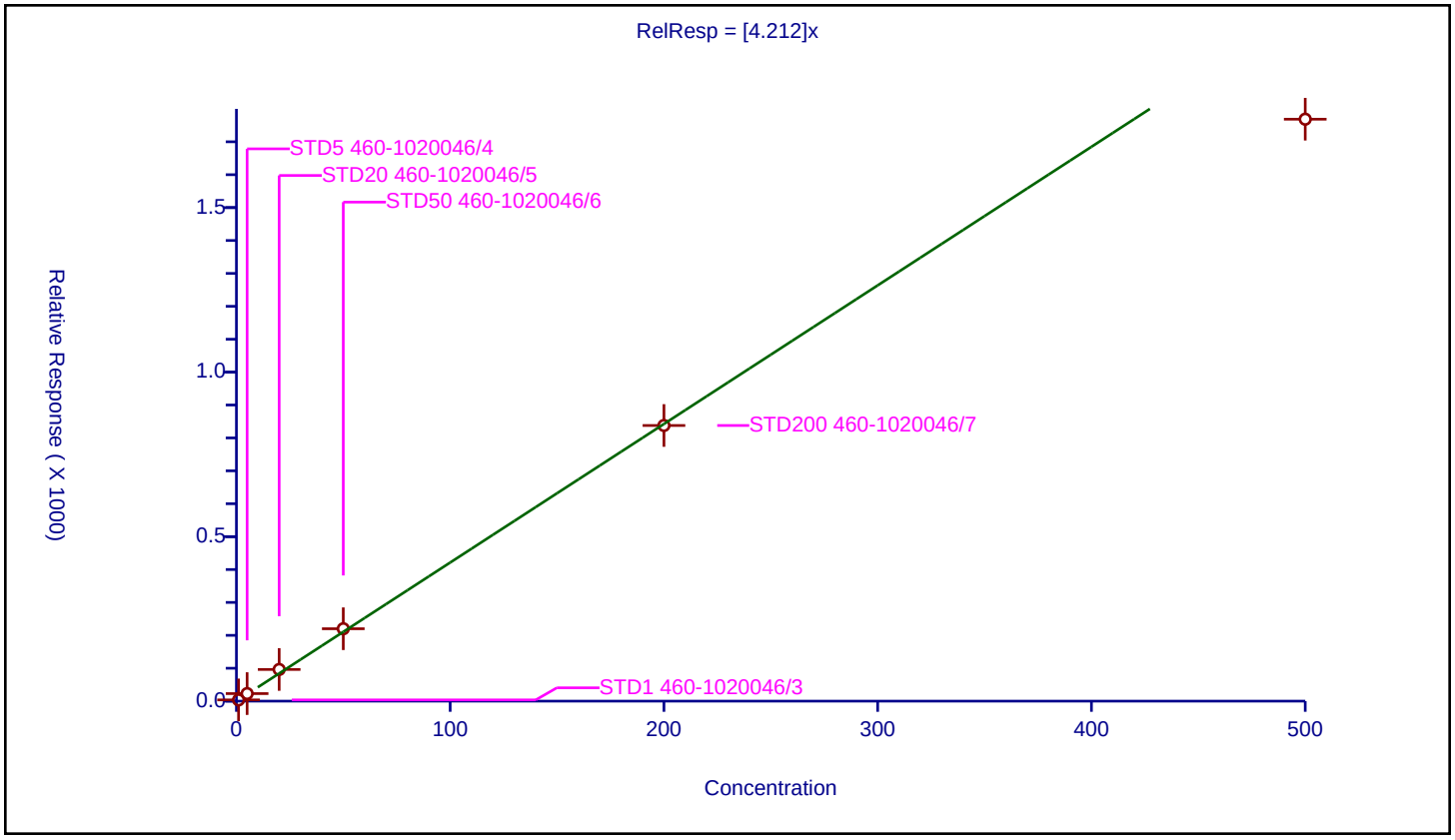
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 4.212 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.735999 | 50.0 | 185613.0 | 3.735999 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 22.984994 | 50.0 | 188523.0 | 4.596999 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 96.259145 | 50.0 | 200783.0 | 4.812957 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 220.02101 | 50.0 | 216565.0 | 4.40042 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 837.783637 | 50.0 | 286149.0 | 4.188918 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1768.67315 | 50.0 | 359709.0 | 3.537346 | Y |



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## Calibration / 4-Isopropyltoluene

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

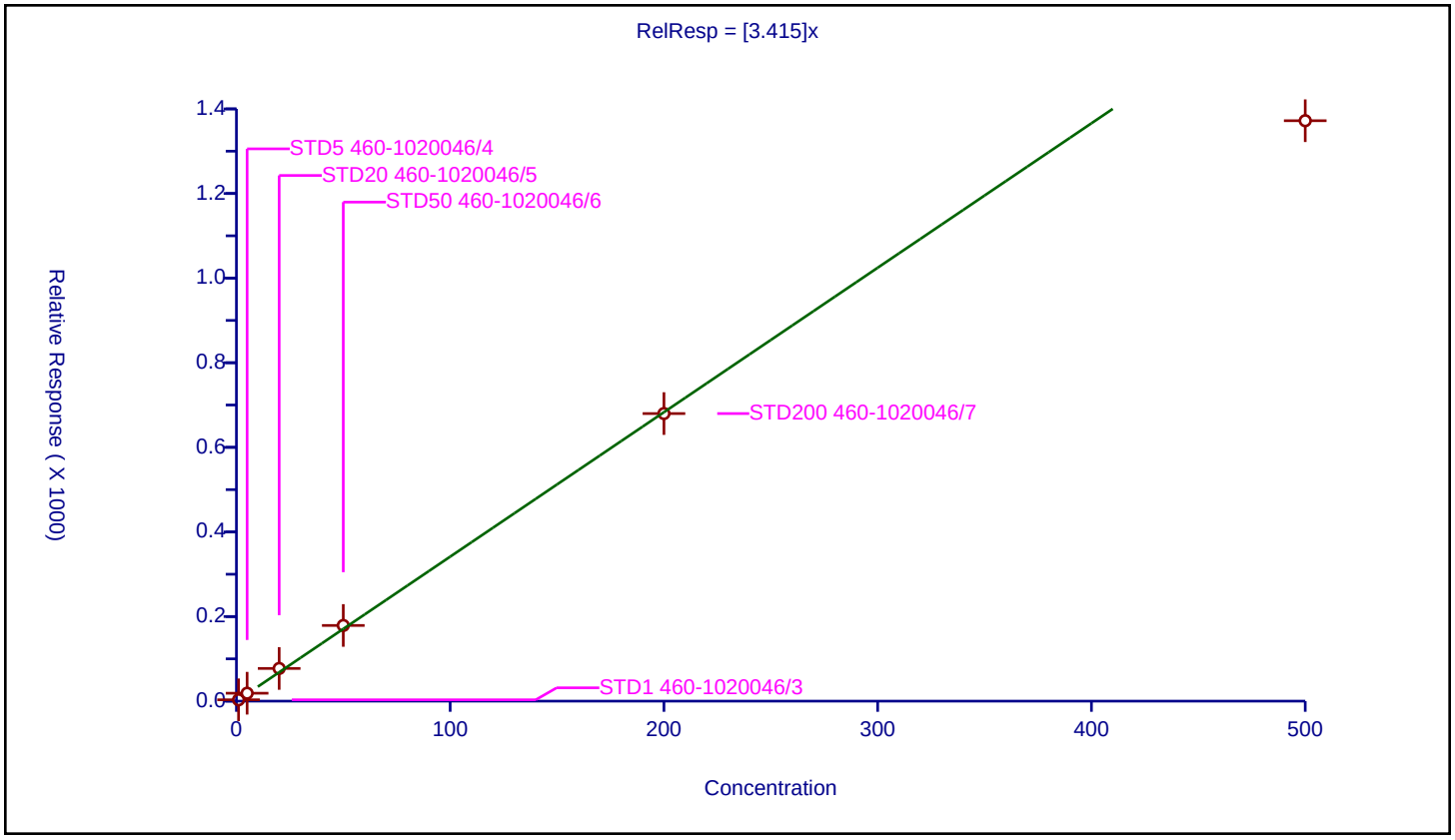
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.415 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.160878 | 50.0 | 185613.0 | 3.160878 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 18.717345 | 50.0 | 188523.0 | 3.743469 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 77.280447 | 50.0 | 200783.0 | 3.864022 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 178.898945 | 50.0 | 216565.0 | 3.577979 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 679.81576 | 50.0 | 286149.0 | 3.399079 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1372.071313 | 50.0 | 359709.0 | 2.744143 | Y |



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## Calibration / 1,3-Dichlorobenzene

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

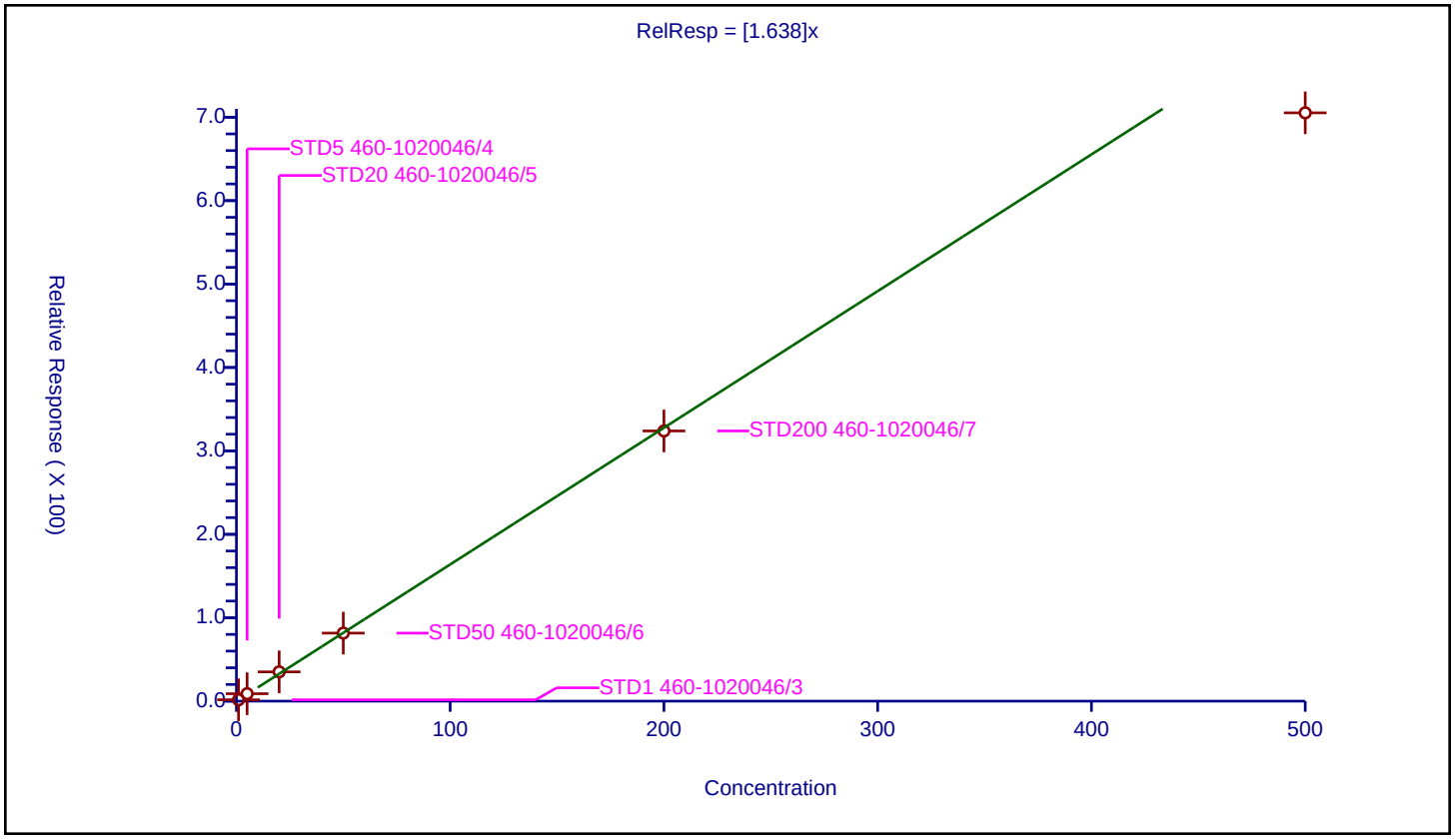
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.638 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.63189 | 50.0 | 185613.0 | 1.63189 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 8.910319 | 50.0 | 188523.0 | 1.782064 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 35.115523 | 50.0 | 200783.0 | 1.755776 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 81.552421 | 50.0 | 216565.0 | 1.631048 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 323.911843 | 50.0 | 286149.0 | 1.619559 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 705.284966 | 50.0 | 359709.0 | 1.41057 | Y |



## Calibration / 1,4-Dichlorobenzene

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

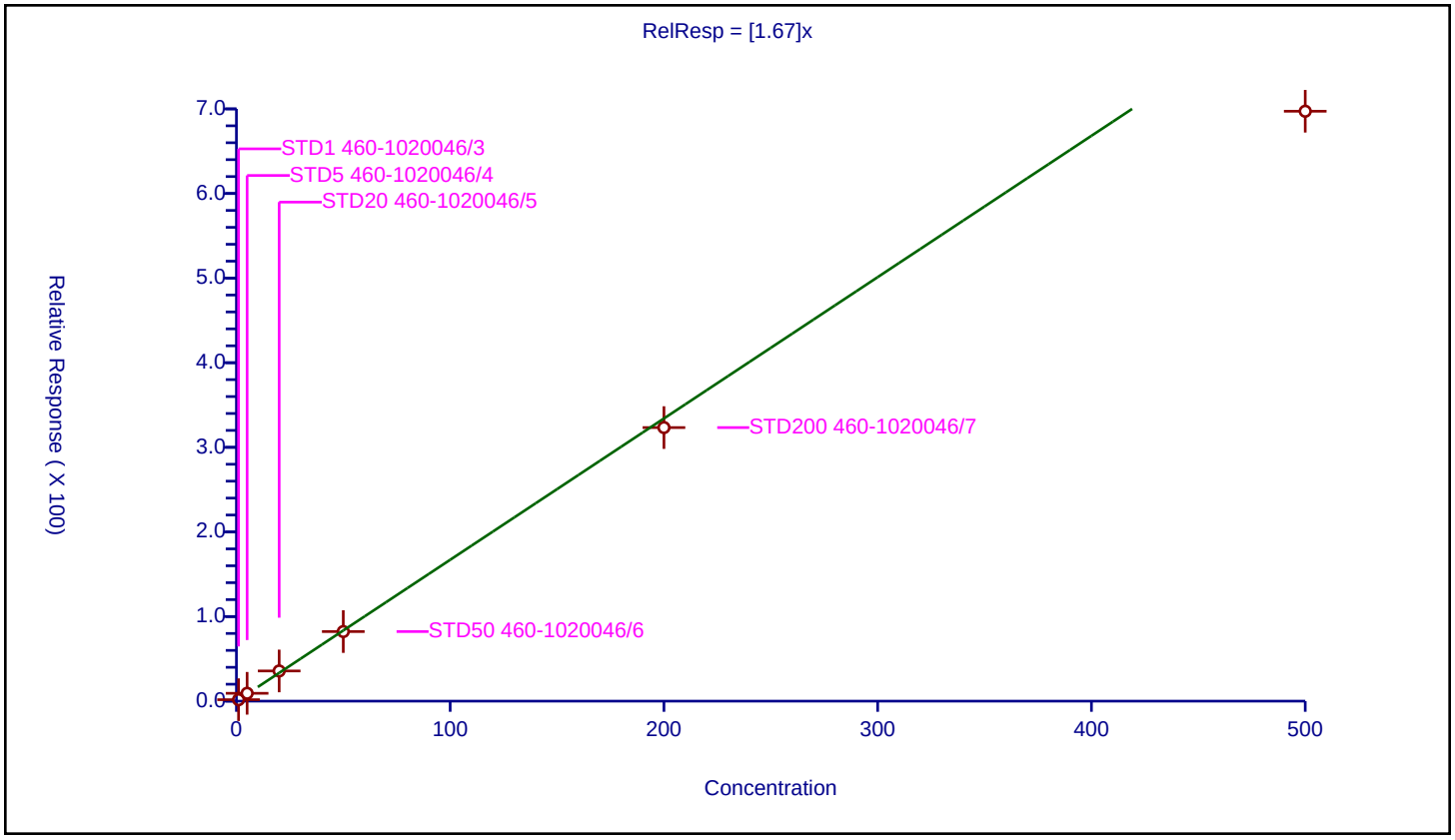
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.67 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.72698 | 50.0 | 185613.0 | 1.72698 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 9.27473 | 50.0 | 188523.0 | 1.854946 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 35.693261 | 50.0 | 200783.0 | 1.784663 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 82.252903 | 50.0 | 216565.0 | 1.645058 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 323.356713 | 50.0 | 286149.0 | 1.616784 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 697.214276 | 50.0 | 359709.0 | 1.394429 | Y |



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## Calibration / 1,2,3-Trimethylbenzene

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

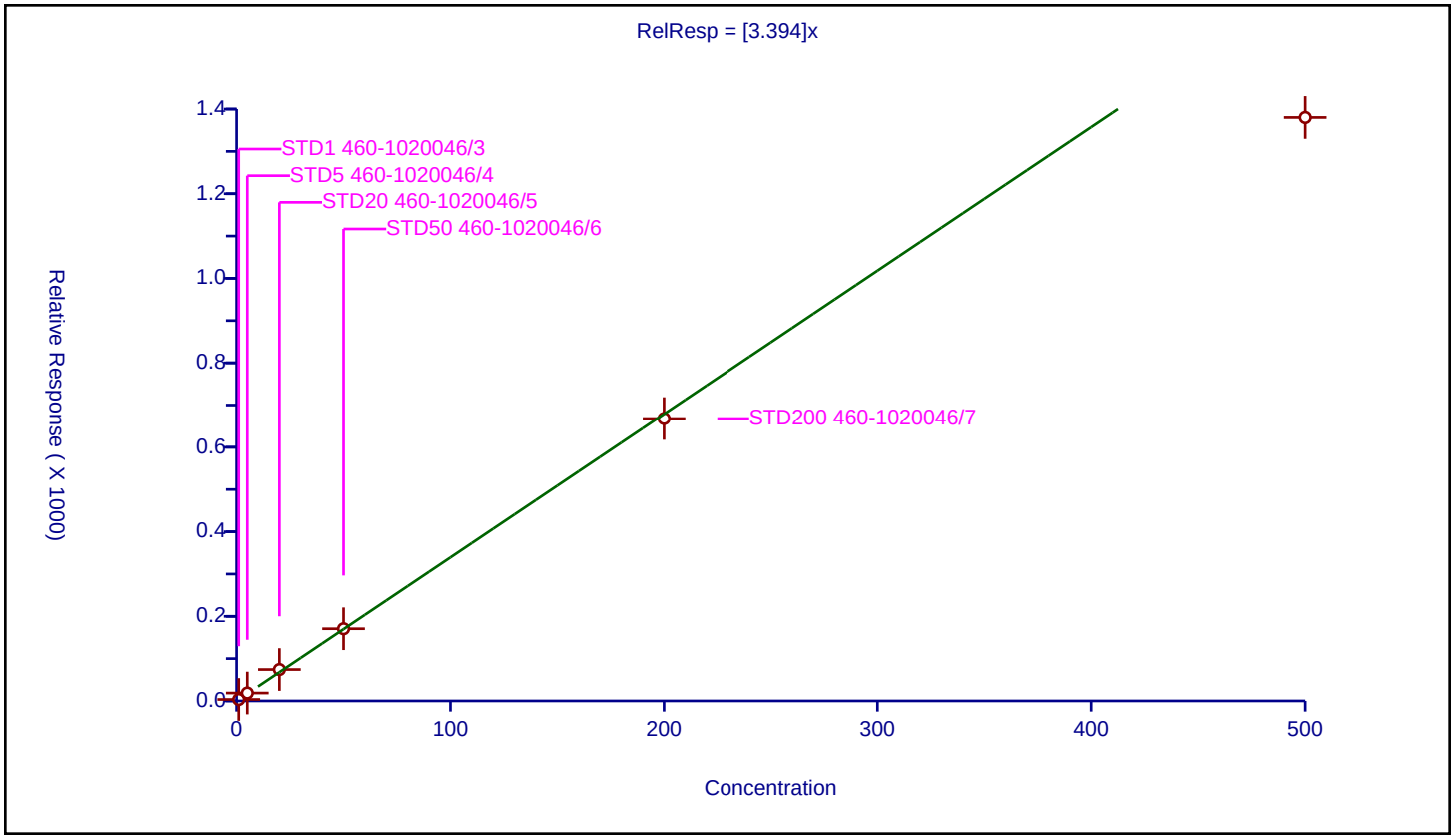
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.394 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.405473 | 50.0 | 185613.0 | 3.405473 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 18.669075 | 50.0 | 188523.0 | 3.733815 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 74.190046 | 50.0 | 200783.0 | 3.709502 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 170.620368 | 50.0 | 216565.0 | 3.412407 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 668.082188 | 50.0 | 286149.0 | 3.340411 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1380.1509 | 50.0 | 359709.0 | 2.760302 | Y |



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## Calibration / Benzyl chloride

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

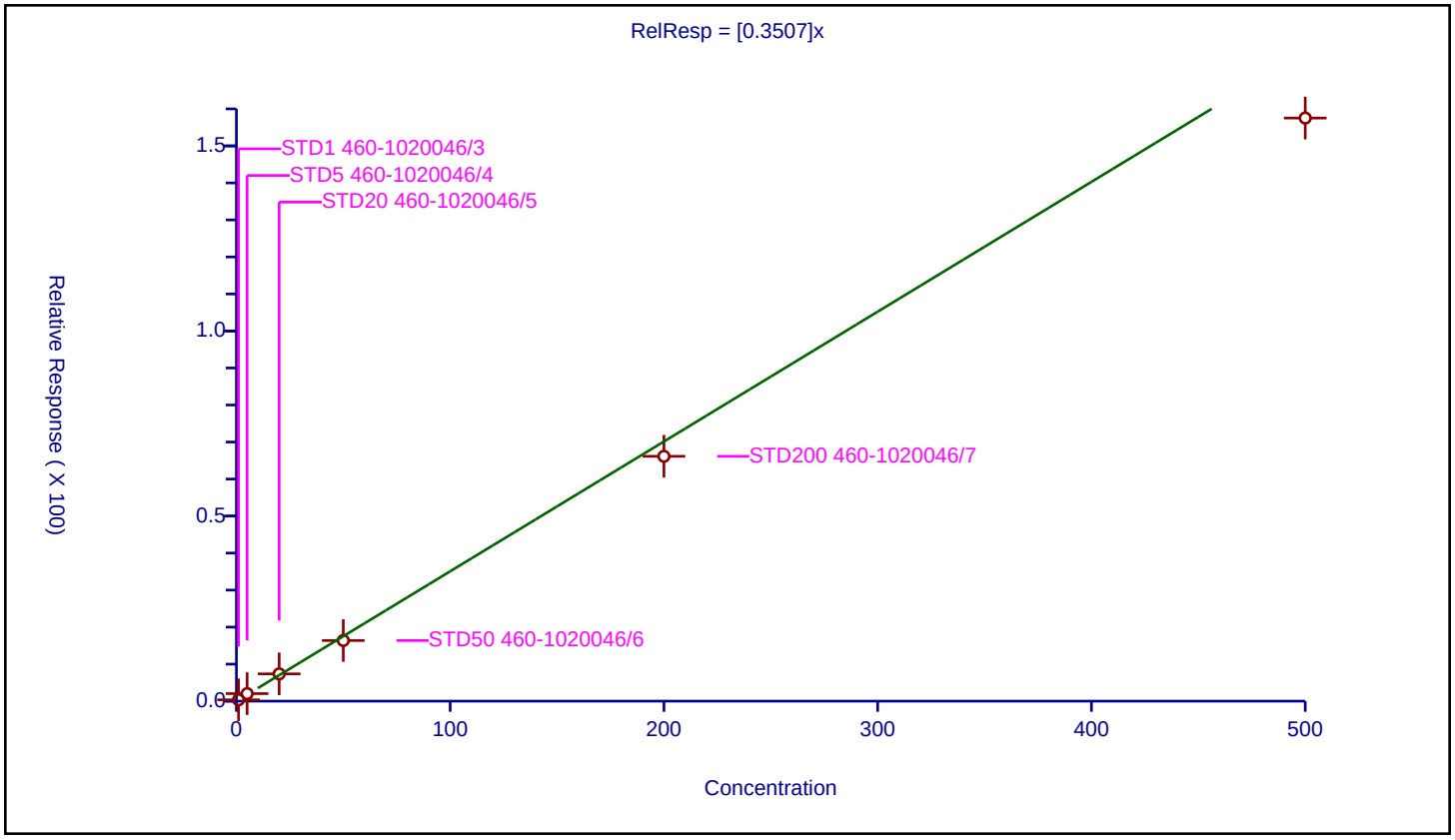
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3507 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.356925 | 50.0 | 185613.0 | 0.356925 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.029461 | 50.0 | 188523.0 | 0.405892 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 7.36143 | 50.0 | 200783.0 | 0.368072 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 16.381687 | 50.0 | 216565.0 | 0.327634 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 66.143163 | 50.0 | 286149.0 | 0.330716 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 157.52664 | 50.0 | 359709.0 | 0.315053 | Y |



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## Calibration / 2,3-Dihydroindene

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

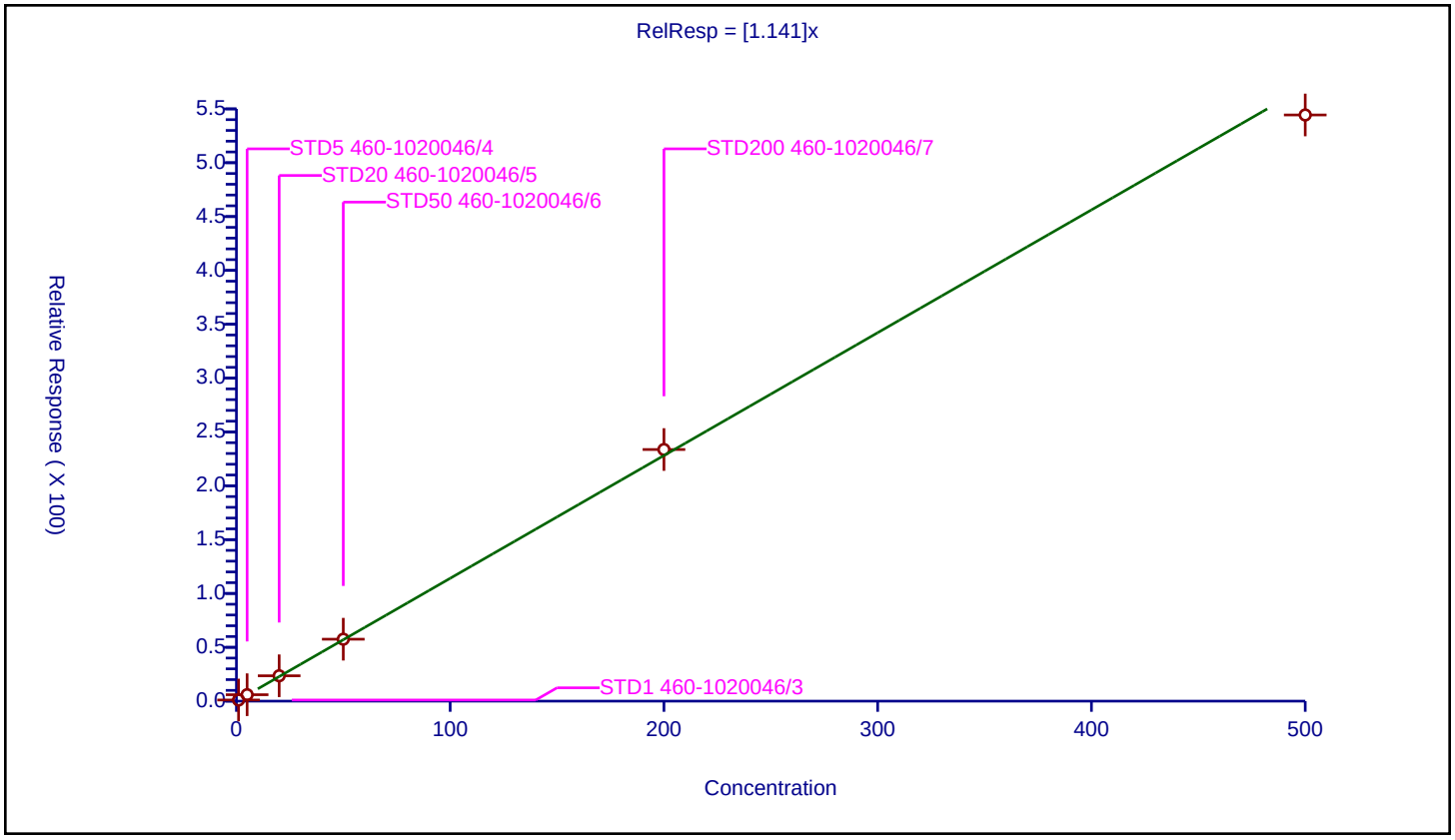
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.141 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.061375 | 50.0 | 598375.0 | 1.061375 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.982078 | 50.0 | 598496.0 | 1.196416 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 23.556887 | 50.0 | 621850.0 | 1.177844 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 57.524494 | 50.0 | 635983.0 | 1.15049 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 233.669116 | 50.0 | 752917.0 | 1.168346 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 544.363549 | 50.0 | 886950.0 | 1.088727 | Y |



## Calibration / p-Diethylbenzene

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

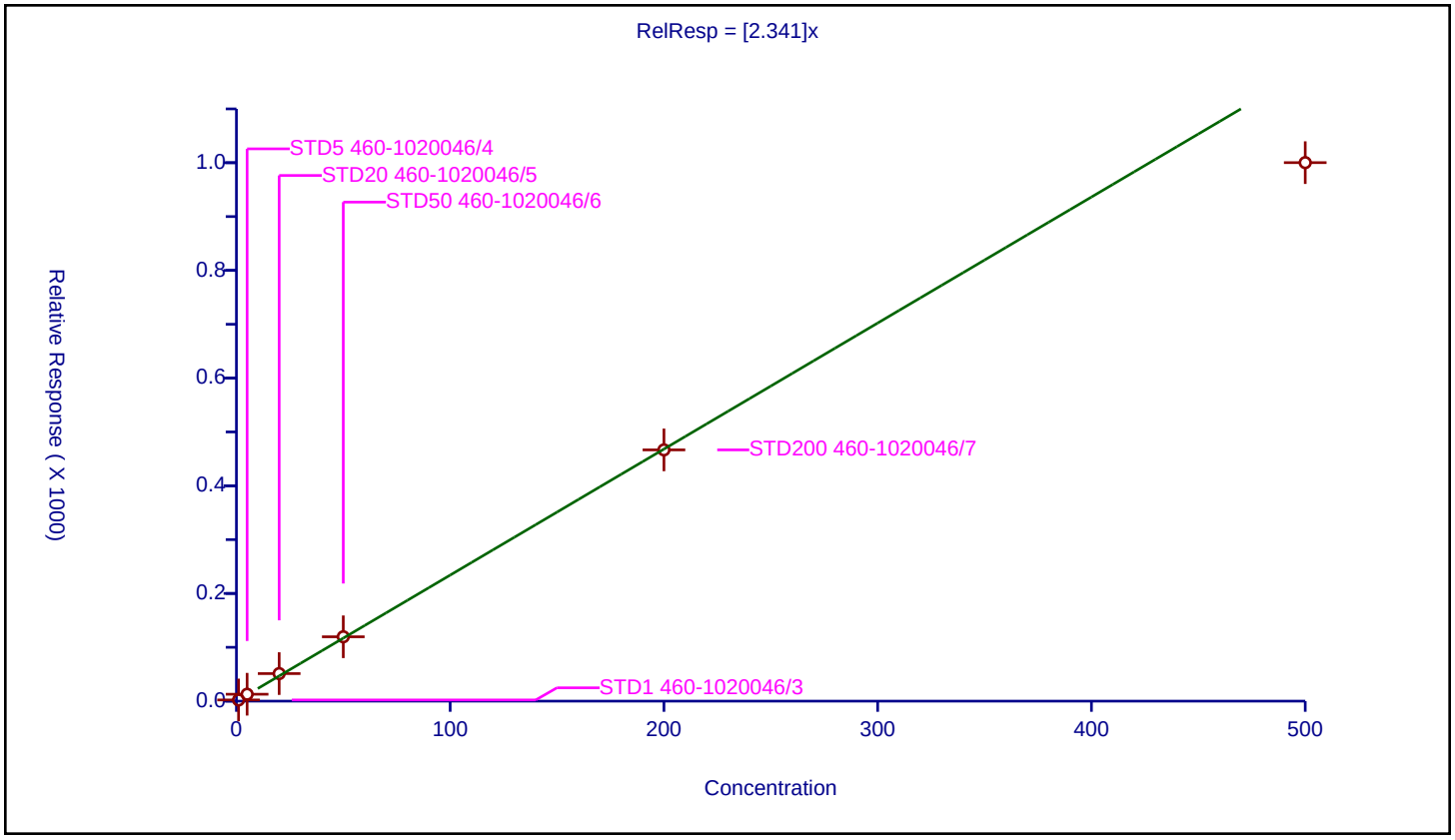
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 2.194889 | 50.0 | 185613.0 | 2.194889 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 12.832386 | 50.0 | 188523.0 | 2.566477 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 51.17241 | 50.0 | 200783.0 | 2.558621 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 119.564103 | 50.0 | 216565.0 | 2.391282 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 466.636088 | 50.0 | 286149.0 | 2.33318 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1000.191683 | 50.0 | 359709.0 | 2.000383 | Y |



## Calibration / n-Butylbenzene

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

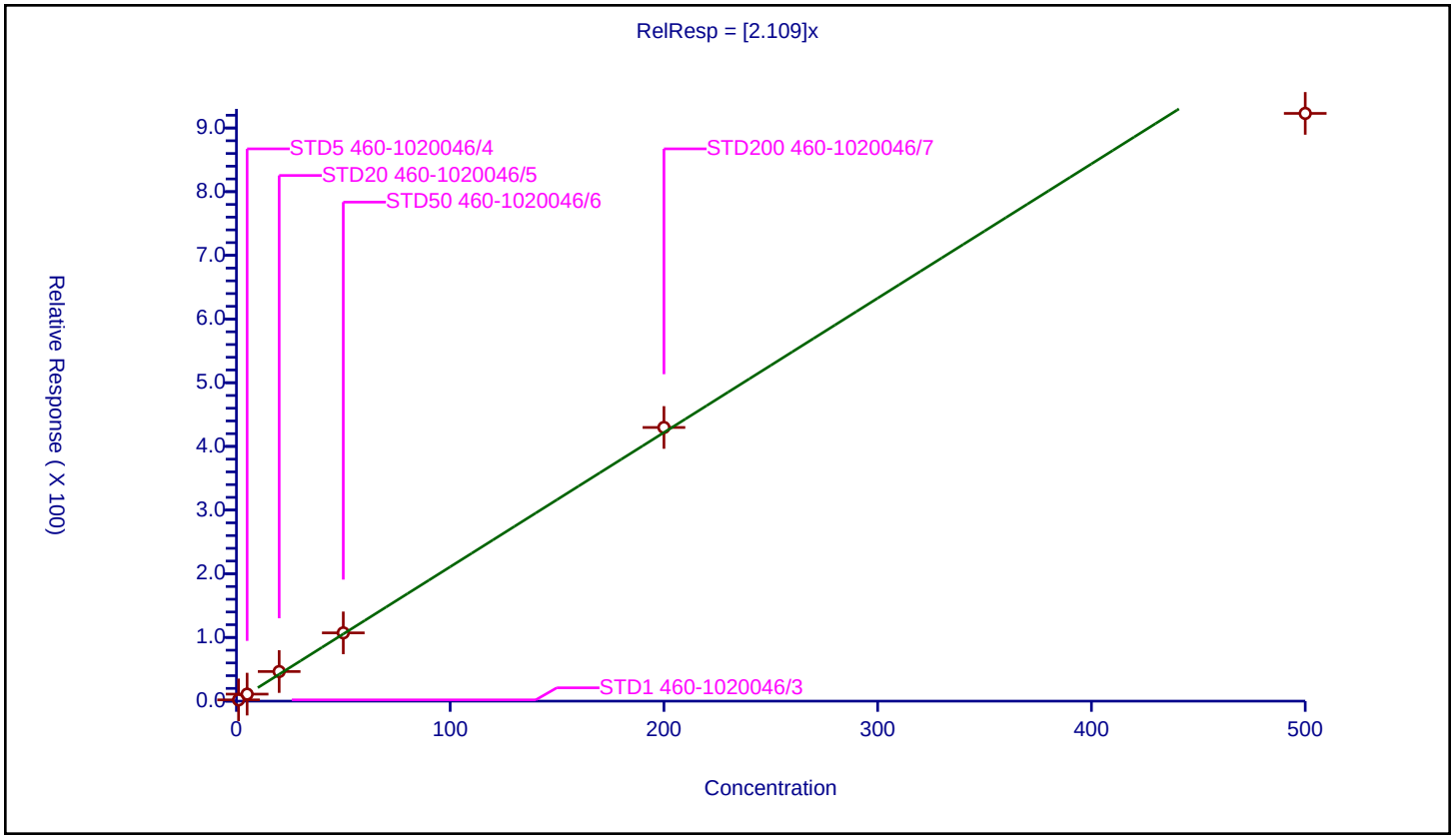
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.109 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.989893 | 50.0 | 185613.0 | 1.989893 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 11.006084 | 50.0 | 188523.0 | 2.201217 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 46.502941 | 50.0 | 200783.0 | 2.325147 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 107.218849 | 50.0 | 216565.0 | 2.144377 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 429.738178 | 50.0 | 286149.0 | 2.148691 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 922.923252 | 50.0 | 359709.0 | 1.845847 | Y |



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## Calibration / 1,2-Dichlorobenzene

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

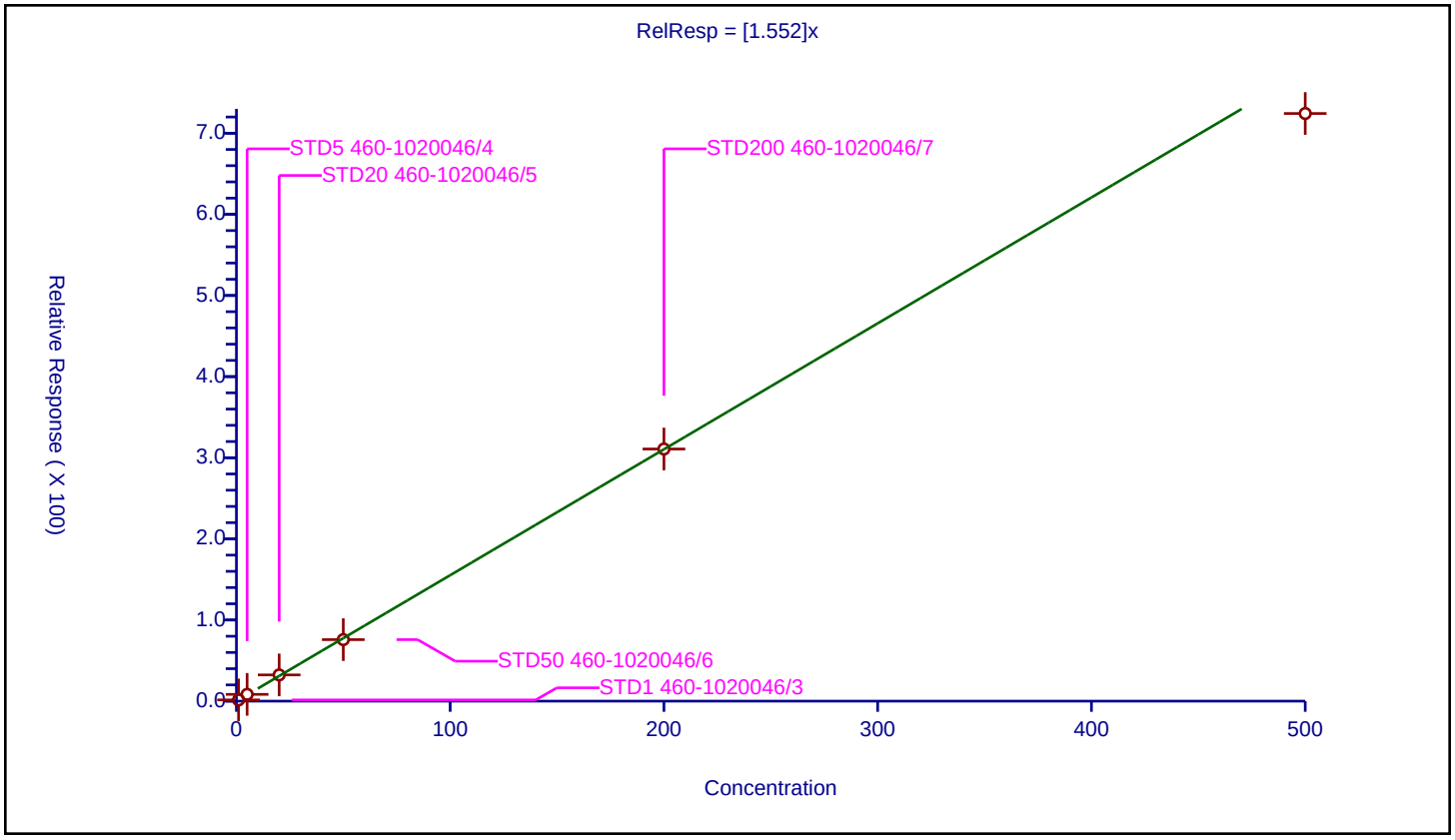
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.552 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.503936 | 50.0 | 185613.0 | 1.503936 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 8.367149 | 50.0 | 188523.0 | 1.67343 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 32.334411 | 50.0 | 200783.0 | 1.616721 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 75.804031 | 50.0 | 216565.0 | 1.516081 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 310.770613 | 50.0 | 286149.0 | 1.553853 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 724.3305 | 50.0 | 359709.0 | 1.448661 | Y |



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## Calibration / 1,2,4,5-Tetramethylbenzene

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

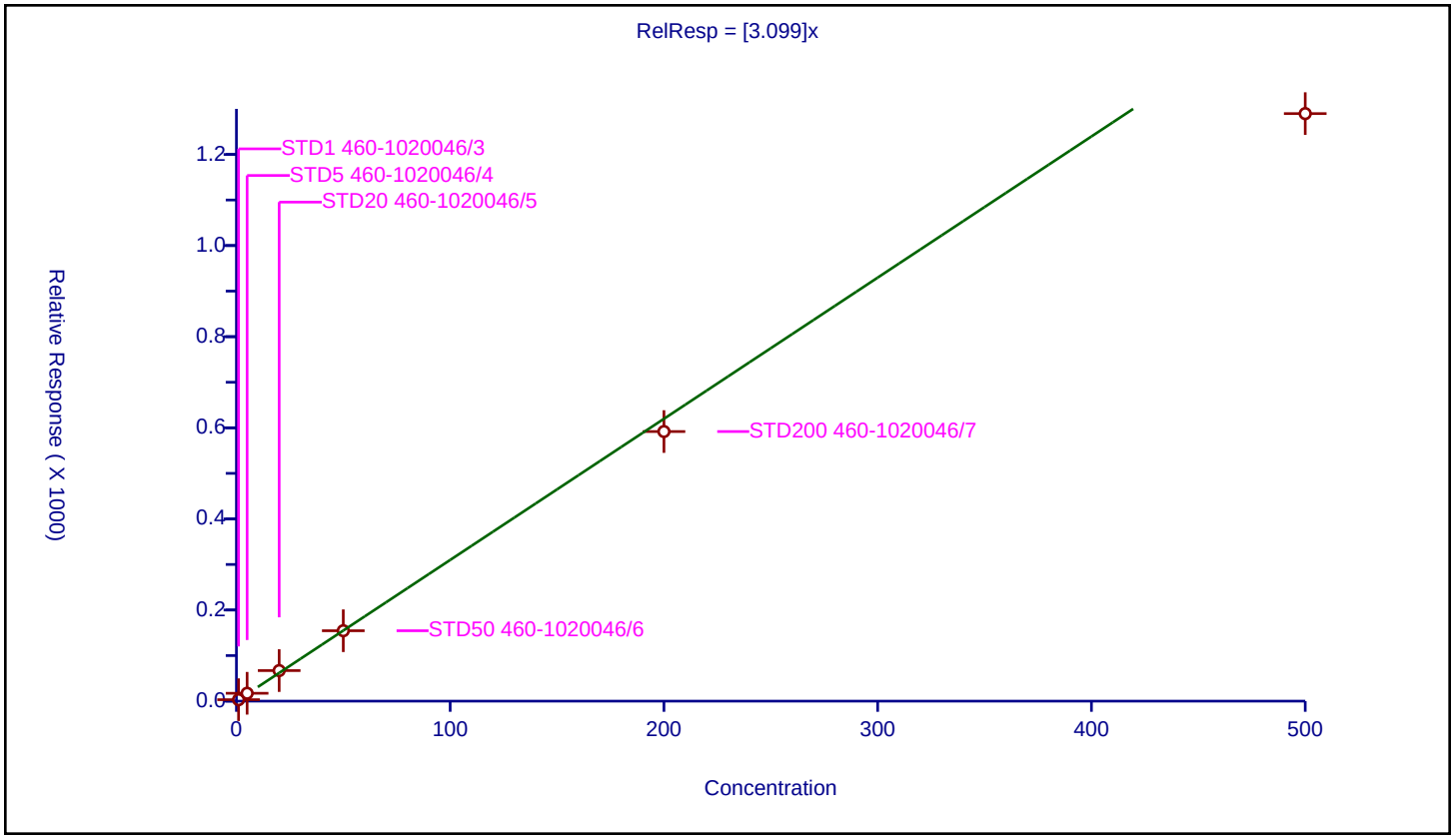
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.099 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 3.159261 | 50.0 | 185613.0 | 3.159261 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 17.257311 | 50.0 | 188523.0 | 3.451462 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 67.05747 | 50.0 | 200783.0 | 3.352874 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 154.52774 | 50.0 | 216565.0 | 3.090555 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 591.81423 | 50.0 | 286149.0 | 2.959071 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 1289.661365 | 50.0 | 359709.0 | 2.579323 | Y |



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## Calibration / 1,2-Dibromo-3-Chloropropane

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

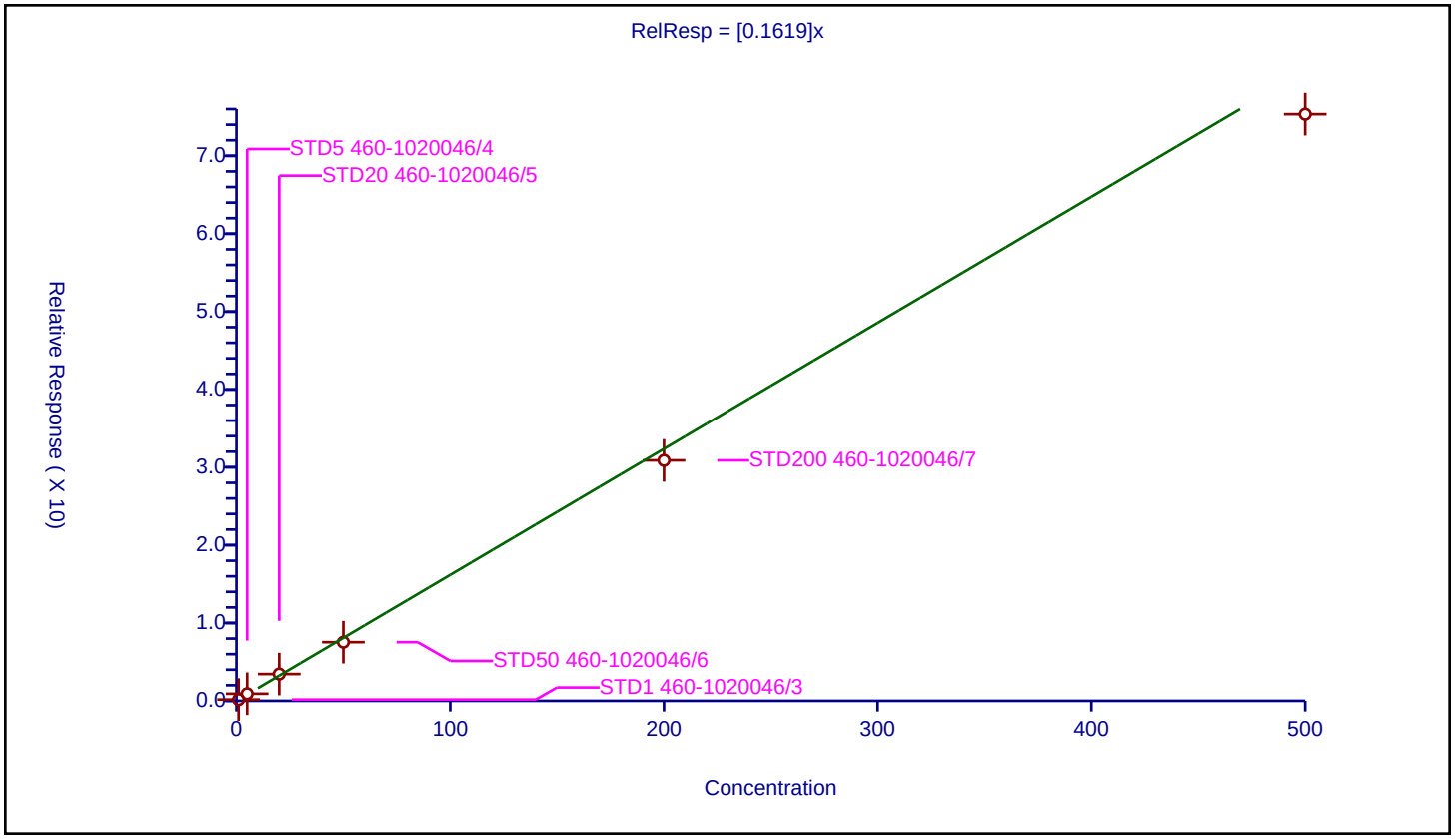
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1619 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.161357 | 50.0 | 185613.0 | 0.161357 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 0.909173 | 50.0 | 188523.0 | 0.181835 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 3.442523 | 50.0 | 200783.0 | 0.172126 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 7.538614 | 50.0 | 216565.0 | 0.150772 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 30.884434 | 50.0 | 286149.0 | 0.154422 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 75.342986 | 50.0 | 359709.0 | 0.150686 | Y |



## Calibration / 1,3,5-Trichlorobenzene

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

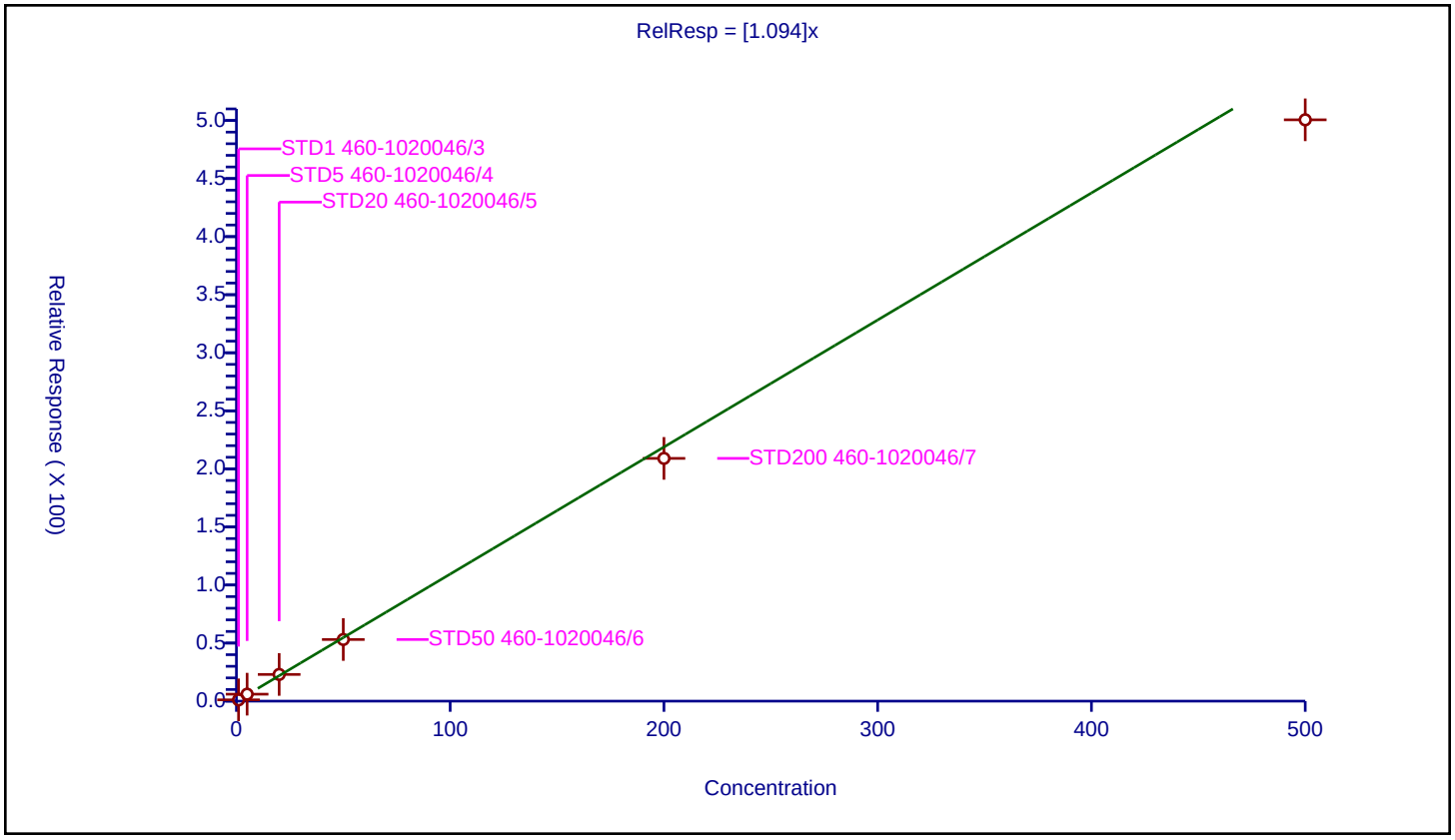
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.094 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.106873 | 50.0 | 185613.0 | 1.106873 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 6.000594 | 50.0 | 188523.0 | 1.200119 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 22.98352 | 50.0 | 200783.0 | 1.149176 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 53.077136 | 50.0 | 216565.0 | 1.061543 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 209.039696 | 50.0 | 286149.0 | 1.045198 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 500.590755 | 50.0 | 359709.0 | 1.001182 | Y |



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## Calibration / 1,2,4-Trichlorobenzene

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

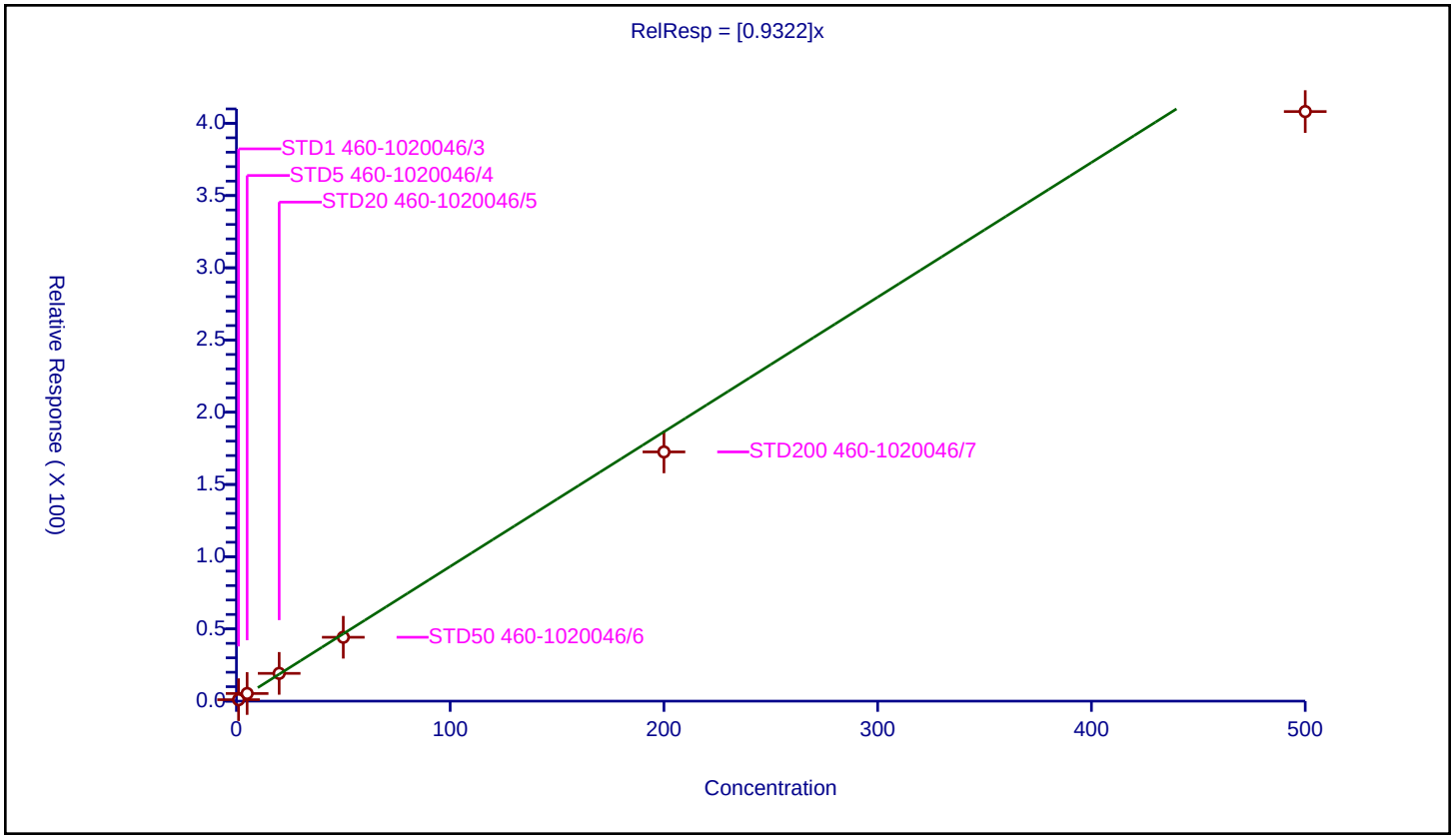
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9322 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 1.01286 | 50.0 | 185613.0 | 1.01286 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 5.279727 | 50.0 | 188523.0 | 1.055945 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 19.224486 | 50.0 | 200783.0 | 0.961224 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 44.223674 | 50.0 | 216565.0 | 0.884473 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 172.526027 | 50.0 | 286149.0 | 0.86263 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 408.161458 | 50.0 | 359709.0 | 0.816323 | Y |



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

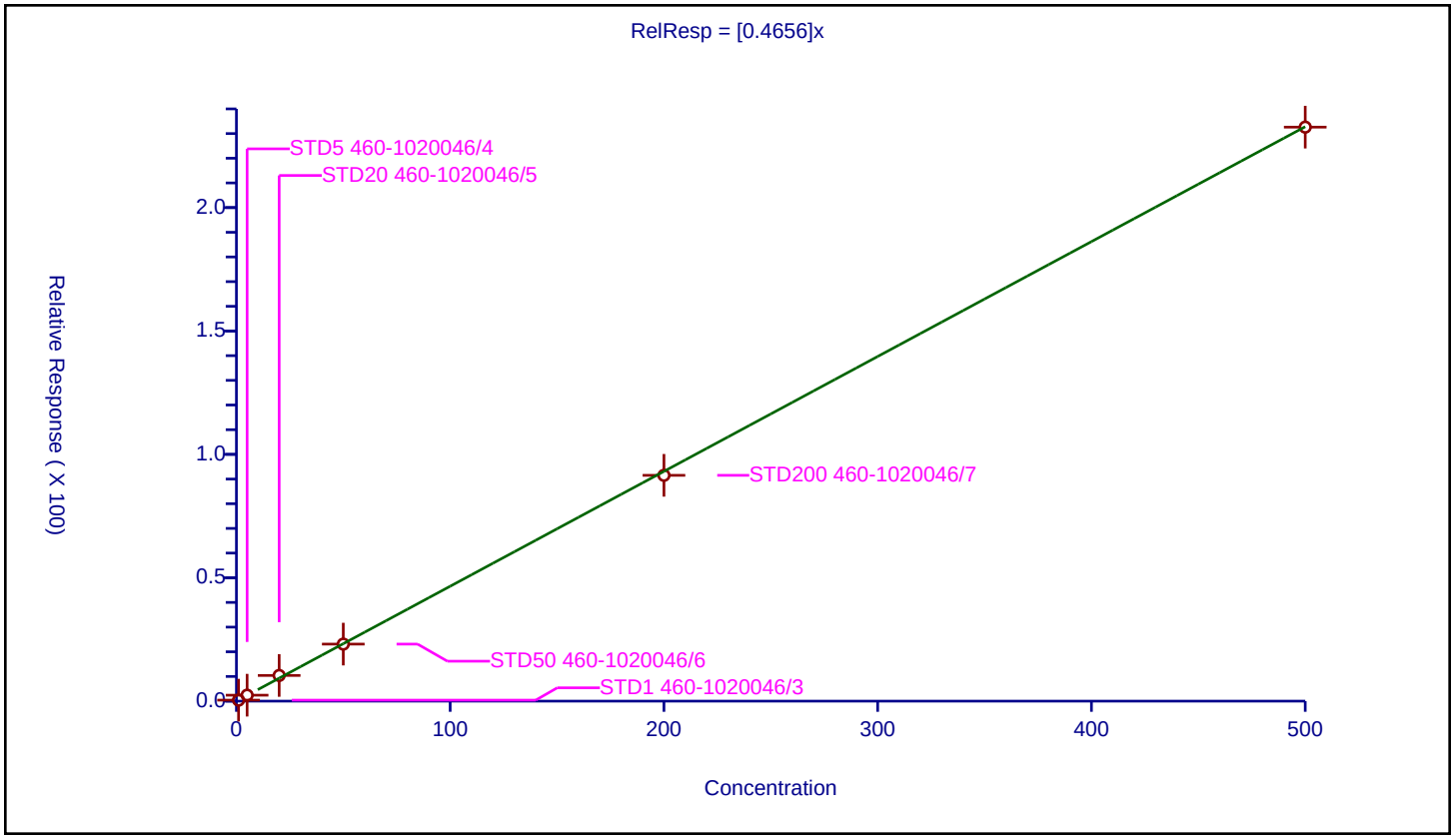
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4656 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.404605 | 50.0 | 185613.0 | 0.404605 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 2.414825 | 50.0 | 188523.0 | 0.482965 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 10.413481 | 50.0 | 200783.0 | 0.520674 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 23.116847 | 50.0 | 216565.0 | 0.462337 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 91.504601 | 50.0 | 286149.0 | 0.457523 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 232.605662 | 50.0 | 359709.0 | 0.465211 | Y |



## Calibration / Naphthalene

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

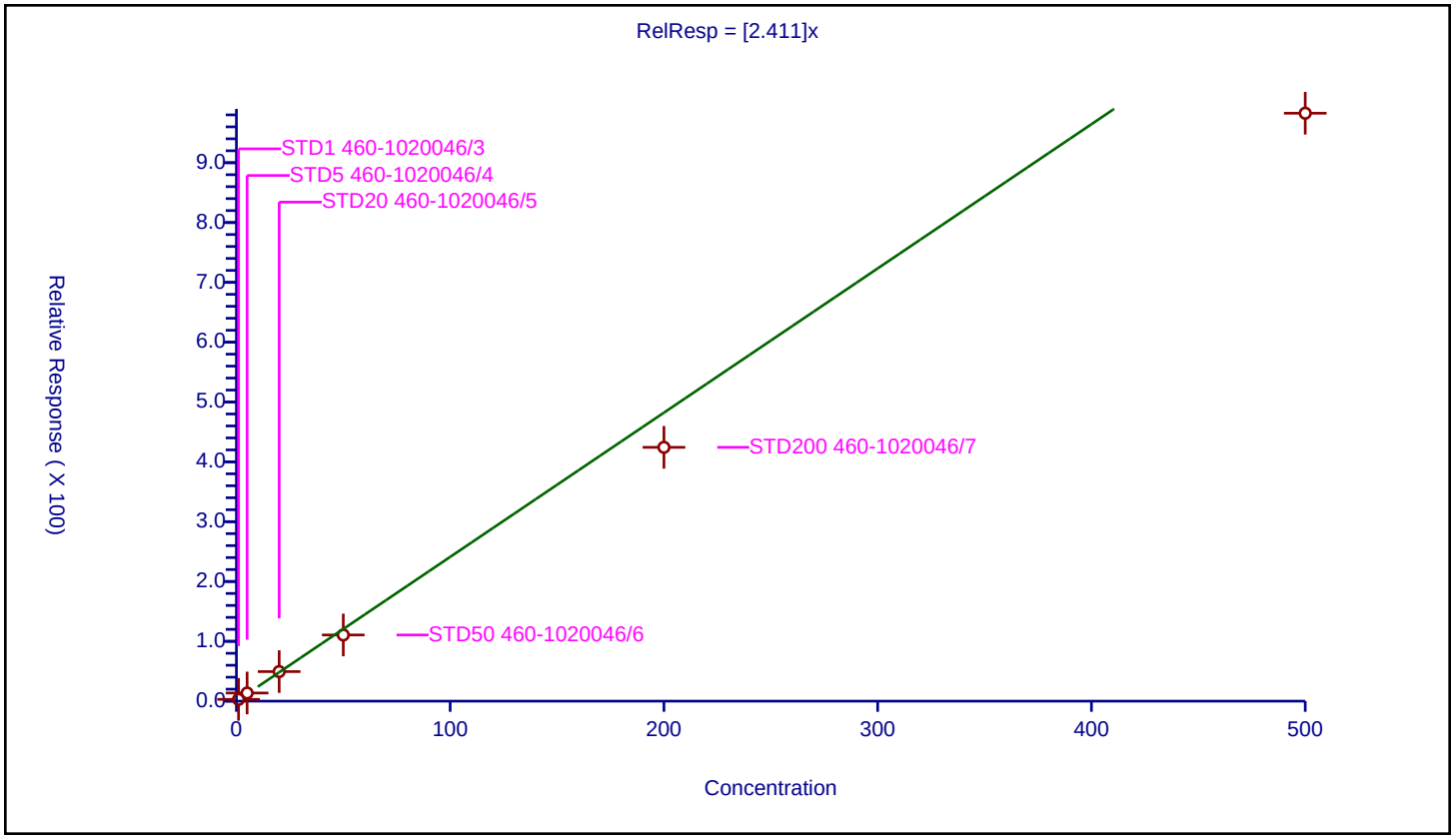
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.411 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 2.982011 | 50.0 | 185613.0 | 2.982011 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 13.580306 | 50.0 | 188523.0 | 2.716061 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 49.374449 | 50.0 | 200783.0 | 2.468722 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 110.616212 | 50.0 | 216565.0 | 2.212324 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 424.267252 | 50.0 | 286149.0 | 2.121336 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 982.758424 | 50.0 | 359709.0 | 1.965517 | Y |



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## Calibration / 1,2,3-Trichlorobenzene

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

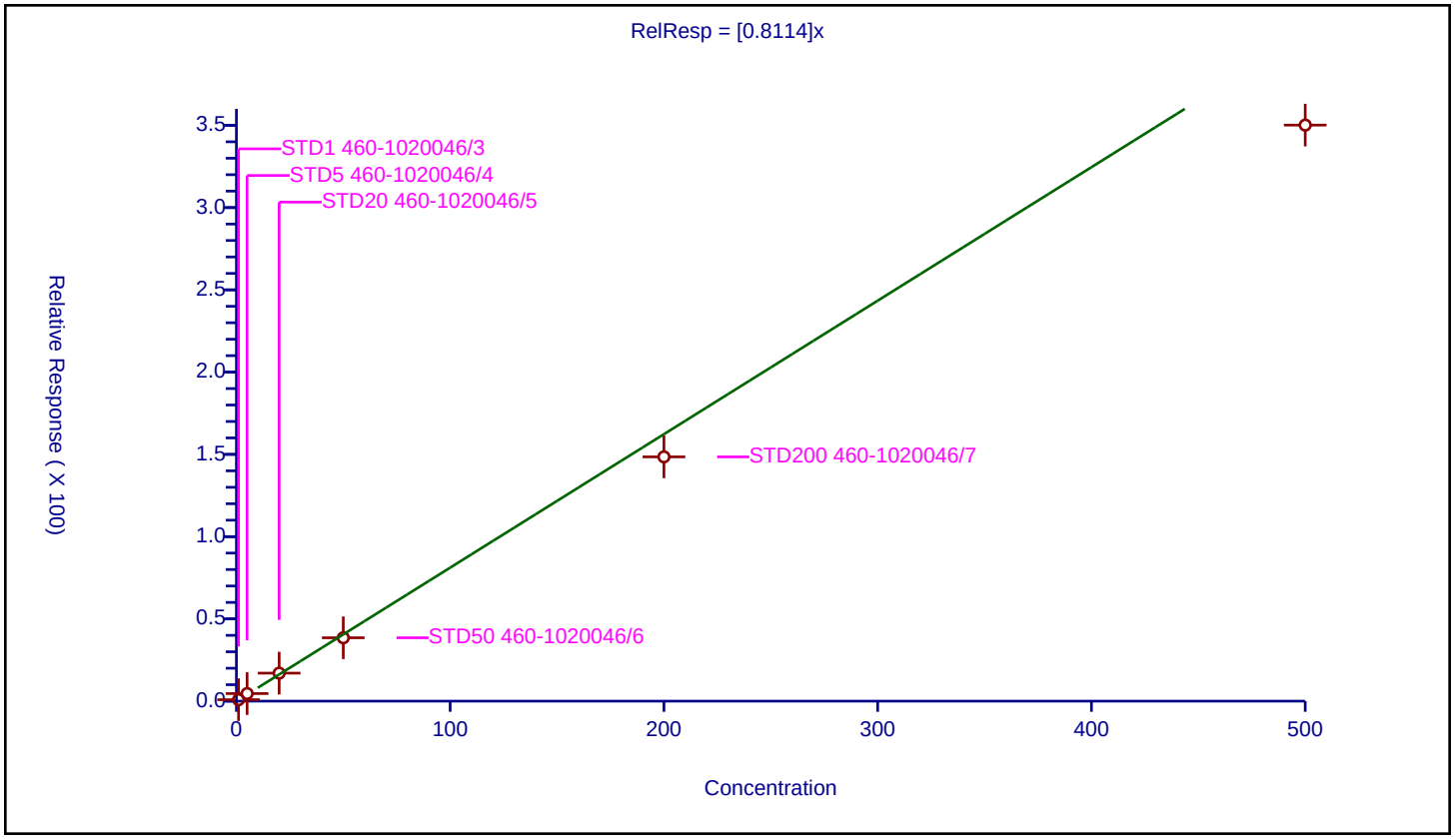
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8114 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1020046/3 | 1.0 | 0.882481 | 50.0 | 185613.0 | 0.882481 | Y |
| 2 | STD5 460-1020046/4 | 5.0 | 4.610578 | 50.0 | 188523.0 | 0.922116 | Y |
| 3 | STD20 460-1020046/5 | 20.0 | 17.016381 | 50.0 | 200783.0 | 0.850819 | Y |
| 4 | STD50 460-1020046/6 | 50.0 | 38.517535 | 50.0 | 216565.0 | 0.770351 | Y |
| 5 | STD200 460-1020046/7 | 200.0 | 148.489423 | 50.0 | 286149.0 | 0.742447 | Y |
| 6 | STD500 460-1020046/8 | 500.0 | 350.141364 | 50.0 | 359709.0 | 0.700283 | Y |



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FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002673/18  Calibration Date: 10/22/2024 09:49

Instrument ID: CVOAMS1  Calib Start Date: 09/18/2024 23:34

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/19/2024 02:07

Lab File ID: A18547.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Chloroethyl vinyl ether | Ave | 0.0092 | | | 1.00 | 20.0 | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18547.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-Oct-2024 09:49:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0182449-018
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:35:06 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: NN6A Date: 23-Oct-2024 21:36:04

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 4 Dichlorodifluoromethane | 85 | 1.569 | 1.575 | -0.006 | 99 | 98653 | 20.0 | 20.5 | |
| 6 Chloromethane | 50 | 1.769 | 1.769 | 0.000 | 99 | 113615 | 20.0 | 17.8 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 102395 | 20.0 | 21.7 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 97 | 105378 | 20.0 | 23.3 | |
| 9 Bromomethane | 94 | 2.110 | 2.110 | 0.000 | 98 | 39835 | 20.0 | 18.9 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 99 | 56152 | 20.0 | 19.6 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 155923 | 20.0 | 20.6 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 97 | 105118 | 20.0 | 22.1 | |
| 13 Pentane | 72 | 2.399 | 2.399 | 0.000 | 97 | 25132 | 40.0 | 35.8 | |
| 14 Ethanol | 46 | 2.528 | 2.528 | 0.000 | 98 | 13773 | 800.0 | 808.0 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 95 | 58281 | 20.0 | 17.6 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.605 | 2.605 | 0.000 | 97 | 65587 | 20.0 | 18.6 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 93 | 63941 | 20.0 | 21.3 | |
| 19 Acrolein | 56 | 2.740 | 2.746 | -0.006 | 96 | 95339 | 39.5 | 225.6 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 95 | 58766 | 20.0 | 17.8 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 89 | 27912 | 100.0 | 103.3 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 98 | 29953 | 200.0 | 188.6 | |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 97 | 50018 | 20.0 | 13.5 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 225232 | 20.0 | 17.1 | |
| 161 3-Chloro-1-propene | 76 | 3.087 | 3.087 | 0.000 | 95 | 43259 | 20.0 | 18.4 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 93 | 86781 | 40.0 | 38.5 | |
| 166 Cyclopentene | 67 | 3.104 | 3.110 | -0.006 | 92 | 142844 | 20.0 | 17.9 | |
| 29 Acetonitrile | 41 | 3.146 | 3.146 | 0.000 | 100 | 84890 | 200.0 | 180.5 | |
| * 30 TBA-d9 (IS) | 65 | 3.163 | 3.169 | -0.006 | 0 | 206859 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.204 | 3.210 | -0.006 | 95 | 74686 | 20.0 | 18.7 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 98 | 45738 | 200.0 | 211.3 | |
| 33 Methyl tert-butyl ether | 73 | 3.352 | 3.357 | -0.005 | 98 | 164535 | 20.0 | 19.3 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.393 | 3.393 | 0.000 | 97 | 64992 | 20.0 | 18.5 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 95 | 223789 | 200.0 | 199.6 | |
| 36 Hexane | 43 | 3.540 | 3.534 | 0.006 | 95 | 70942 | 20.0 | 20.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 235512 | 20.0 | 19.5 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 62 | 132281 | 20.0 | 19.3 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 27858 | 40.0 | 44.9 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 60202 | 20.0 | 18.8 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 89 | 194863 | 20.0 | 18.9 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 314622 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 98 | 22305 | 20.0 | 19.7 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 92 | 72541 | 20.0 | 18.7 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 93 | 11845 | 40.0 | 36.6 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 96 | 33073 | 100.0 | 107.6 | |
| 47 Methyl acrylate | 55 | 4.387 | 4.387 | 0.000 | 99 | 51338 | 20.0 | 20.0 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 98 | 83425 | 200.0 | 201.0 | |
| 50 Chlorobromomethane | 128 | 4.551 | 4.551 | 0.000 | 97 | 28726 | 20.0 | 18.3 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 60 | 45979 | 40.0 | 40.4 | |
| 51 Methacrylonitrile | 67 | 4.575 | 4.575 | 0.000 | 92 | 251692 | 200.0 | 206.7 | |
| 52 Chloroform | 83 | 4.599 | 4.599 | -0.001 | 98 | 115021 | 20.0 | 19.2 | |
| 53 Cyclohexane | 56 | 4.746 | 4.746 | 0.000 | 93 | 127908 | 20.0 | 19.9 | |
| 54 1,1,1-Trichloroethane | 97 | 4.757 | 4.763 | -0.006 | 83 | 87994 | 20.0 | 18.8 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 161053 | 50.0 | 49.6 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 97 | 73625 | 20.0 | 18.9 | |
| 57 1,1-Dichloropropene | 75 | 4.916 | 4.922 | -0.006 | 97 | 90629 | 20.0 | 18.7 | |
| 58 Isobutyl alcohol | 43 | 5.016 | 5.016 | 0.000 | 95 | 49521 | 500.0 | 490.4 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | 0.000 | 99 | 230018 | 20.0 | 21.4 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 97 | 282802 | 20.0 | 19.1 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.146 | 5.151 | -0.005 | 0 | 182628 | 50.0 | 49.4 | |
| 62 Isopropyl acetate | 61 | 5.169 | 5.163 | 0.006 | 97 | 25903 | 20.0 | 19.6 | |
| 63 Tert-amyl methyl ether | 87 | 5.187 | 5.181 | 0.006 | 89 | 47478 | 20.0 | 19.4 | |
| 64 1,2-Dichloroethane | 62 | 5.228 | 5.234 | -0.006 | 96 | 78391 | 20.0 | 19.0 | |
| 65 n-Heptane | 71 | 5.275 | 5.281 | -0.006 | 94 | 55713 | 20.0 | 21.3 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 638509 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.745 | 5.746 | -0.001 | 88 | 29363 | 500.0 | 489.4 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 96 | 67211 | 20.0 | 19.2 | |
| 69 Ethyl acrylate | 99 | 5.945 | 5.945 | 0.000 | 97 | 8580 | 20.0 | 19.3 | |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 92 | 111495 | 20.0 | 20.7 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 91 | 75435 | 20.0 | 18.7 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.210 | 6.210 | 0.000 | 0 | 26417 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 92 | 78440 | 40.0 | 40.6 | |
| 75 1,4-Dioxane | 88 | 6.269 | 6.275 | -0.006 | 30 | 11306 | 400.0 | 392.5 | |
| 74 n-Propyl acetate | 43 | 6.275 | 6.281 | -0.006 | 99 | 79387 | 20.0 | 19.8 | |
| 76 Dibromomethane | 93 | 6.293 | 6.298 | -0.006 | 94 | 38414 | 20.0 | 19.8 | |
| 77 Dichlorobromomethane | 83 | 6.457 | 6.451 | 0.006 | 98 | 88521 | 20.0 | 20.2 | |
| 79 2-Nitropropane | 41 | 6.840 | 6.845 | -0.005 | 100 | 23982 | 40.0 | 35.6 | |
| 80 Epichlorohydrin | 57 | 6.981 | 6.963 | 0.018 | 1 | 4045 | 20.0 | 19.9 | a |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 94 | 101603 | 20.0 | 17.7 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 97 | 253600 | 100.0 | 107.3 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 656172 | 50.0 | 49.5 | |
| 84 Toluene | 91 | 7.392 | 7.398 | -0.006 | 96 | 274683 | 20.0 | 18.3 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.804 | 7.798 | 0.006 | 96 | 93628 | 20.0 | 19.7 | |
| 85 Ethyl methacrylate | 69 | 7.834 | 7.834 | 0.000 | 93 | 66876 | 20.0 | 18.1 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 97 | 47975 | 20.0 | 18.6 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 94 | 59014 | 20.0 | 19.3 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 94 | 97888 | 20.0 | 19.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 2-Hexanone | 58 | 8.439 | 8.434 | 0.005 | 97 | 91416 | 100.0 | 103.0 | |
| 91 n-Butyl acetate | 73 | 8.586 | 8.586 | 0.000 | 98 | 13284 | 20.0 | 20.2 | |
| 92 Chlorodibromomethane | 129 | 8.657 | 8.657 | 0.000 | 97 | 56916 | 20.0 | 20.1 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 96 | 50636 | 20.0 | 19.6 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 467726 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 93 | 167276 | 20.0 | 19.3 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 88298 | 20.0 | 19.5 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 95 | 54713 | 20.0 | 19.6 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 106803 | 20.0 | 19.0 | |
| 99 n-Butyl acrylate | 73 | 9.981 | 9.981 | -0.001 | 96 | 36972 | 20.0 | 18.9 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 108059 | 20.0 | 20.1 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 96 | 180551 | 20.0 | 20.0 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 89 | 95913 | 20.0 | 22.4 | |
| 103 Bromoform | 173 | 10.204 | 10.198 | 0.006 | 95 | 32714 | 20.0 | 19.8 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 272522 | 20.0 | 21.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 84 | 165791 | 50.0 | 48.4 | |
| 107 Bromobenzene | 156 | 10.569 | 10.569 | 0.000 | 95 | 64013 | 20.0 | 19.2 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.598 | 10.592 | 0.006 | 99 | 67286 | 20.0 | 20.2 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 98 | 354966 | 20.0 | 20.0 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 95 | 16903 | 20.0 | 20.3 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.651 | 10.645 | 0.006 | 89 | 18514 | 20.0 | 20.4 | |
| 112 2-Chlorotoluene | 91 | 10.704 | 10.698 | 0.006 | 94 | 232886 | 20.0 | 19.7 | |
| 169 4-Ethyltoluene | 105 | 10.704 | 10.698 | 0.006 | 89 | 277449 | 20.0 | 20.6 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.751 | 10.745 | 0.006 | 93 | 225780 | 20.0 | 20.1 | |
| 115 4-Chlorotoluene | 91 | 10.792 | 10.780 | 0.012 | 98 | 212487 | 20.0 | 19.8 | |
| 114 Butyl Methacrylate | 87 | 10.822 | 10.816 | 0.006 | 91 | 72449 | 20.0 | 20.7 | |
| 116 tert-Butylbenzene | 119 | 10.975 | 10.963 | 0.012 | 93 | 187454 | 20.0 | 20.0 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.022 | 11.010 | 0.012 | 98 | 226871 | 20.0 | 20.2 | |
| 118 sec-Butylbenzene | 134 | 11.127 | 11.110 | 0.017 | 99 | 55201 | 20.0 | 20.3 | |
| 119 4-Isopropyltoluene | 119 | 11.222 | 11.204 | 0.018 | 97 | 234814 | 20.0 | 19.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.233 | 11.216 | 0.017 | 94 | 123701 | 20.0 | 19.9 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.280 | 11.269 | 0.011 | 98 | 226731 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.298 | 11.280 | 0.018 | 94 | 127378 | 20.0 | 19.8 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.310 | 11.292 | 0.018 | 99 | 239036 | 20.0 | 20.3 | |
| 124 Benzyl chloride | 91 | 11.398 | 11.386 | 0.012 | 98 | 108114 | 20.0 | 20.4 | |
| 162 2,3-Dihydroindene | 117 | 11.451 | 11.433 | 0.018 | 94 | 223209 | 20.0 | 19.6 | |
| 164 p-Diethylbenzene | 119 | 11.480 | 11.463 | 0.017 | 93 | 149634 | 20.0 | 20.2 | |
| 127 n-Butylbenzene | 92 | 11.498 | 11.480 | 0.018 | 97 | 132778 | 20.0 | 19.7 | |
| 128 1,2-Dichlorobenzene | 146 | 11.557 | 11.545 | 0.012 | 94 | 113476 | 20.0 | 19.6 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.039 | 12.016 | 0.023 | 97 | 201505 | 20.0 | 19.7 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.145 | 12.122 | 0.023 | 93 | 9708 | 20.0 | 19.1 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.251 | 12.233 | 0.018 | 96 | 82153 | 20.0 | 18.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.792 | 12.769 | 0.023 | 94 | 73512 | 20.0 | 19.7 | |
| 133 Hexachlorobutadiene | 225 | 12.880 | 12.857 | 0.023 | 92 | 30647 | 20.0 | 19.0 | |
| 134 Naphthalene | 128 | 13.045 | 13.022 | 0.023 | 99 | 154432 | 20.0 | 19.7 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.274 | 13.257 | 0.017 | 94 | 63164 | 20.0 | 19.2 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.2 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.0 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN SP_00170 | Amount Added: | 4.00 | Units: uL | |
| GAS C SP_00591 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons SS_00019 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00185 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:36:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18547.D

Injection Date: 22-Oct-2024 09:49:30 Instrument ID: CVOAMS1 Operator ID:

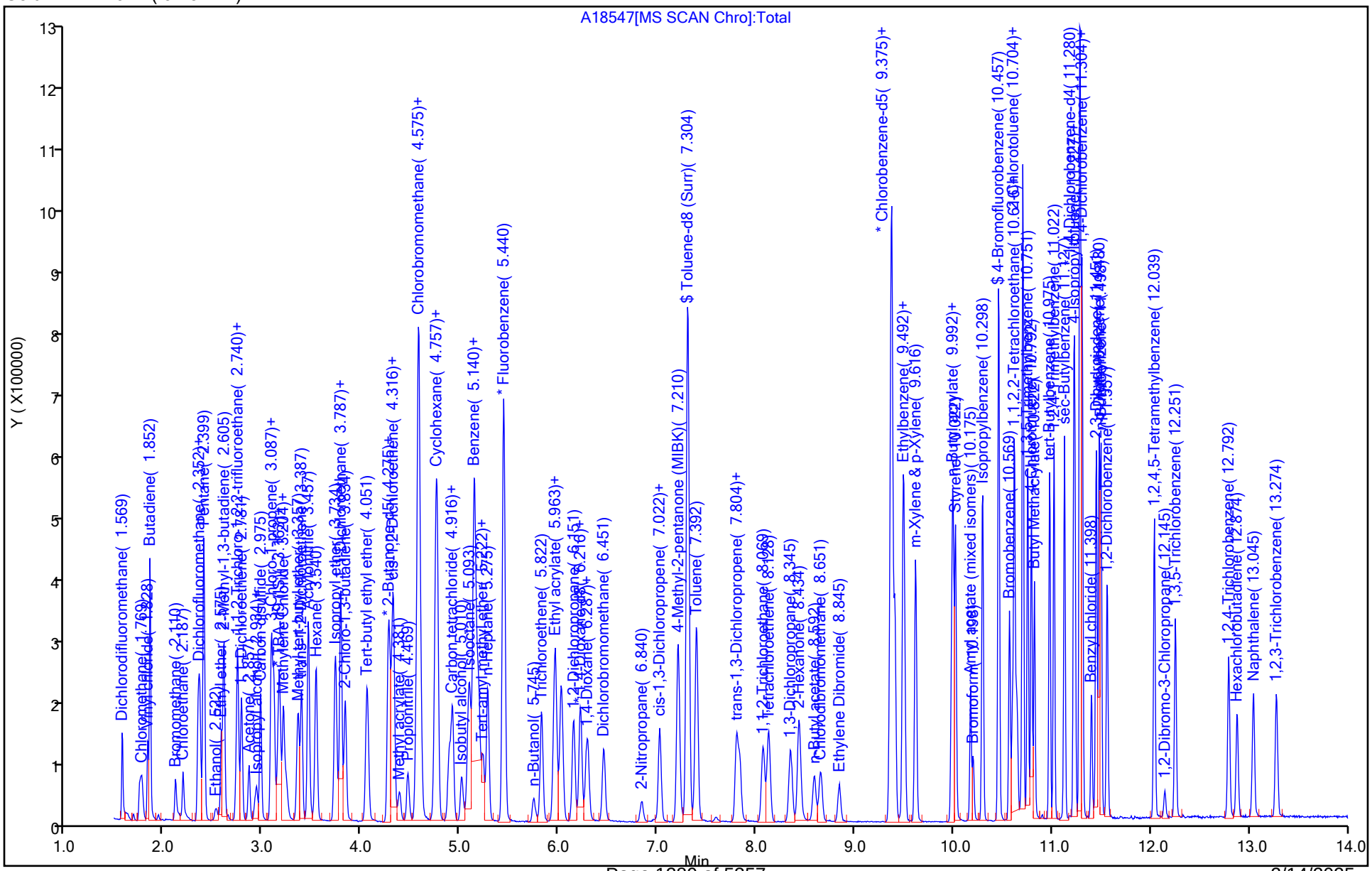
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002673/18 Calibration Date: 10/22/2024 09:49

Instrument ID: CVOAMS1 Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2024 05:47

Lab File ID: A18547.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 0.3771 | 0.3863 | 0.1000 | 20.5 | 20.0 | 2.4 | 30.0 |
| Chloromethane | Ave | 0.4984 | 0.4448 | 0.1000 | 17.8 | 20.0 | -10.8 | 30.0 |
| Vinyl chloride | Ave | 0.3691 | 0.4009 | 0.1000 | 21.7 | 20.0 | 8.6 | 30.0 |
| Butadiene | Ave | 0.3539 | 0.4126 | | 23.3 | 20.0 | 16.6 | 30.0 |
| Bromomethane | Ave | 0.1649 | 0.1560 | 0.1000 | 18.9 | 20.0 | -5.4 | 30.0 |
| Chloroethane | Ave | 0.2246 | 0.2199 | 0.1000 | 19.6 | 20.0 | -2.1 | 30.0 |
| Dichlorofluoromethane | Ave | 0.5932 | 0.6105 | | 20.6 | 20.0 | 2.9 | 30.0 |
| Trichlorofluoromethane | Ave | 0.3732 | 0.4116 | 0.1000 | 22.1 | 20.0 | 10.3 | 30.0 |
| Pentane | Ave | 3.393 | 3.037 | | 35.8 | 40.0 | -10.5 | 30.0 |
| Ethanol | Ave | 0.0824 | 0.0832 | | 808 | 800 | 1.0 | 30.0 |
| Ethyl ether | Ave | 0.2589 | 0.2282 | | 17.6 | 20.0 | -11.9 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2766 | 0.2568 | | 18.6 | 20.0 | -7.2 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2355 | 0.2504 | 0.1000 | 21.3 | 20.0 | 6.3 | 30.0 |
| Acrolein | Ave | 2.043 | 11.67 | | 226 | 39.5 | 471.2* | 30.0 |
| 1,1-Dichloroethene | Ave | 0.2579 | 0.2301 | 0.1000 | 17.8 | 20.0 | -10.8 | 30.0 |
| Acetone | Ave | 0.2147 | 0.2218 | 0.0500 | 103 | 100 | 3.3 | 30.0 |
| Isopropyl alcohol | Ave | 0.7676 | 0.7240 | | 189 | 200 | -5.7 | 30.0 |
| Iodomethane | QuaF | | 0.1958 | | 13.5 | 20.0 | -32.5* | 30.0 |
| Carbon disulfide | Ave | 1.033 | 0.8819 | 0.1000 | 17.1 | 20.0 | -14.7 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.1842 | 0.1694 | | 18.4 | 20.0 | -8.1 | 30.0 |
| Methyl acetate | Ave | 10.91 | 10.49 | 0.0500 | 38.5 | 40.0 | -3.8 | 30.0 |
| Cyclopentene | Ave | 0.6265 | 0.5593 | | 17.9 | 20.0 | -10.7 | 30.0 |
| Acetonitrile | Ave | 2.274 | 2.052 | | 180 | 200 | -9.8 | 30.0 |
| Methylene Chloride | Ave | 0.3135 | 0.2924 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.046 | 1.106 | | 211 | 200 | 5.7 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.6682 | 0.6442 | 0.1000 | 19.3 | 20.0 | -3.6 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.2747 | 0.2545 | 0.1000 | 18.5 | 20.0 | -7.4 | 30.0 |
| Acrylonitrile | Ave | 0.0878 | 0.0876 | | 200 | 200 | -0.2 | 30.0 |
| Hexane | Ave | 0.2746 | 0.2778 | | 20.2 | 20.0 | 1.2 | 30.0 |
| Isopropyl ether | Ave | 0.9454 | 0.9221 | | 19.5 | 20.0 | -2.5 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.5363 | 0.5179 | 0.2000 | 19.3 | 20.0 | -3.4 | 30.0 |
| Vinyl acetate | Ave | 2.999 | 3.367 | | 44.9 | 40.0 | 12.3 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2508 | 0.2357 | | 18.8 | 20.0 | -6.0 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.8084 | 0.7630 | | 18.9 | 20.0 | -5.6 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.0889 | 0.0873 | | 19.7 | 20.0 | -1.7 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.3044 | 0.2840 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Ethyl acetate | Ave | 0.2573 | 0.2353 | | 36.6 | 40.0 | -8.6 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.2442 | 0.2628 | 0.0500 | 108 | 100 | 7.6 | 30.0 |
| Methyl acrylate | Ave | 0.2009 | 0.2010 | | 20.0 | 20.0 | 0.0 | 30.0 |
| Propionitrile | Ave | 2.007 | 2.016 | | 201 | 200 | 0.5 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002673/18 Calibration Date: 10/22/2024 09:49

Instrument ID: CVOAMS1 Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2024 05:47

Lab File ID: A18547.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorobromomethane | Ave | 0.1229 | 0.1125 | | 18.3 | 20.0 | -8.5 | 30.0 |
| Tetrahydrofuran | Ave | 0.9039 | 0.9134 | | 40.4 | 40.0 | 1.1 | 30.0 |
| Methacrylonitrile | Ave | 0.0953 | 0.0985 | | 207 | 200 | 3.4 | 30.0 |
| Chloroform | Ave | 0.4691 | 0.4503 | 0.2000 | 19.2 | 20.0 | -4.0 | 30.0 |
| Cyclohexane | Ave | 0.5029 | 0.5008 | 0.1000 | 19.9 | 20.0 | -0.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.3658 | 0.3445 | 0.1000 | 18.8 | 20.0 | -5.8 | 30.0 |
| Carbon tetrachloride | Ave | 0.3049 | 0.2883 | 0.1000 | 18.9 | 20.0 | -5.5 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.3797 | 0.3548 | | 18.7 | 20.0 | -6.5 | 30.0 |
| Isobutyl alcohol | Ave | 0.4882 | 0.4788 | | 490 | 500 | -1.9 | 30.0 |
| Isooctane | Ave | 0.8435 | 0.9006 | | 21.4 | 20.0 | 6.8 | 30.0 |
| Benzene | Ave | 1.584 | 1.512 | 0.5000 | 19.1 | 20.0 | -4.6 | 30.0 |
| Isopropyl acetate | Lin2 | | 0.1014 | | 19.6 | 20.0 | -1.8 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.1920 | 0.1859 | | 19.4 | 20.0 | -3.2 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3224 | 0.3069 | 0.1000 | 19.0 | 20.0 | -4.8 | 30.0 |
| n-Heptane | Ave | 0.2052 | 0.2181 | | 21.3 | 20.0 | 6.3 | 30.0 |
| n-Butanol | Lin2 | | 0.2839 | | 489 | 500 | -2.1 | 30.0 |
| Trichloroethene | Ave | 0.2747 | 0.2632 | 0.2000 | 19.2 | 20.0 | -4.2 | 30.0 |
| Ethyl acrylate | Lin2 | | 0.0336 | | 19.3 | 20.0 | -3.7 | 30.0 |
| Methylcyclohexane | Ave | 0.4222 | 0.4365 | 0.1000 | 20.7 | 20.0 | 3.4 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3165 | 0.2954 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Methyl methacrylate | Ave | 0.1513 | 0.1536 | | 40.6 | 40.0 | 1.5 | 30.0 |
| 1,4-Dioxane | Ave | 1.090 | 1.070 | | 393 | 400 | -1.9 | 30.0 |
| n-Propyl acetate | Ave | 0.3138 | 0.3108 | | 19.8 | 20.0 | -0.9 | 30.0 |
| Dibromomethane | Ave | 0.1520 | 0.1504 | | 19.8 | 20.0 | -1.1 | 30.0 |
| Dichlorobromomethane | Ave | 0.3434 | 0.3466 | 0.2000 | 20.2 | 20.0 | 0.9 | 30.0 |
| 2-Nitropropane | Ave | 0.0527 | 0.0469 | | 35.6 | 40.0 | -11.0 | 30.0 |
| Epichlorohydrin | Ave | 0.1613 | 0.1607 | | 19.9 | 20.0 | -0.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.6122 | 0.5431 | 0.2000 | 17.7 | 20.0 | -11.3 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 1.878 | 2.015 | 0.0500 | 107 | 100 | 7.3 | 30.0 |
| Toluene | Ave | 1.602 | 1.468 | 0.4000 | 18.3 | 20.0 | -8.4 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5075 | 0.5004 | 0.1000 | 19.7 | 20.0 | -1.4 | 30.0 |
| Ethyl methacrylate | Lin2 | | 0.2618 | | 18.1 | 20.0 | -9.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2752 | 0.2564 | 0.1000 | 18.6 | 20.0 | -6.8 | 30.0 |
| Tetrachloroethene | Ave | 0.3268 | 0.3154 | 0.2000 | 19.3 | 20.0 | -3.5 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.5362 | 0.5232 | | 19.5 | 20.0 | -2.4 | 30.0 |
| 2-Hexanone | Ave | 0.7051 | 0.7264 | 0.0500 | 103 | 100 | 3.0 | 30.0 |
| n-Butyl acetate | Ave | 0.0703 | 0.0710 | | 20.2 | 20.0 | 1.0 | 30.0 |
| Chlorodibromomethane | Ave | 0.3031 | 0.3042 | 0.1000 | 20.1 | 20.0 | 0.4 | 30.0 |
| Ethylene Dibromide | Ave | 0.2767 | 0.2706 | 0.1000 | 19.6 | 20.0 | -2.2 | 30.0 |
| Chlorobenzene | Ave | 0.9248 | 0.8941 | 0.5000 | 19.3 | 20.0 | -3.3 | 30.0 |
| Ethylbenzene | Ave | 0.4847 | 0.4720 | 0.1000 | 19.5 | 20.0 | -2.6 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002673/18 Calibration Date: 10/22/2024 09:49

Instrument ID: CVOAMS1 Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2024 05:47

Lab File ID: A18547.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,1,1,2-Tetrachloroethane | Ave | 0.2991 | 0.2924 | | 19.6 | 20.0 | -2.2 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.6024 | 0.5709 | 0.1000 | 19.0 | 20.0 | -5.2 | 30.0 |
| n-Butyl acrylate | Ave | 0.2088 | 0.1976 | | 18.9 | 20.0 | -5.3 | 30.0 |
| o-Xylene | Ave | 0.5756 | 0.5776 | 0.3000 | 20.1 | 20.0 | 0.3 | 30.0 |
| Styrene | Ave | 0.9651 | 0.9650 | 0.3000 | 20.0 | 20.0 | 0.0 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 0.9446 | 1.058 | | 22.4 | 20.0 | 12.0 | 30.0 |
| Bromoform | Ave | 0.1768 | 0.1749 | 0.1000 | 19.8 | 20.0 | -1.1 | 30.0 |
| Isopropylbenzene | Ave | 1.341 | 1.457 | 0.1000 | 21.7 | 20.0 | 8.6 | 30.0 |
| Bromobenzene | Ave | 0.7357 | 0.7058 | | 19.2 | 20.0 | -4.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7342 | 0.7419 | 0.3000 | 20.2 | 20.0 | 1.0 | 30.0 |
| N-Propylbenzene | Ave | 3.919 | 3.914 | | 20.0 | 20.0 | -0.1 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.1839 | 0.1864 | | 20.3 | 20.0 | 1.4 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2001 | 0.2041 | | 20.4 | 20.0 | 2.0 | 30.0 |
| 2-Chlorotoluene | Ave | 2.604 | 2.568 | | 19.7 | 20.0 | -1.4 | 30.0 |
| 4-Ethyltoluene | Ave | 2.966 | 3.059 | | 20.6 | 20.0 | 3.1 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.479 | 2.490 | | 20.1 | 20.0 | 0.4 | 30.0 |
| 4-Chlorotoluene | Ave | 2.365 | 2.343 | | 19.8 | 20.0 | -0.9 | 30.0 |
| Butyl Methacrylate | Ave | 0.7720 | 0.7988 | | 20.7 | 20.0 | 3.5 | 30.0 |
| tert-Butylbenzene | Ave | 2.062 | 2.067 | | 20.0 | 20.0 | 0.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.479 | 2.502 | | 20.2 | 20.0 | 0.9 | 30.0 |
| sec-Butylbenzene | Ave | 0.5991 | 0.6087 | | 20.3 | 20.0 | 1.6 | 30.0 |
| 4-Isopropyltoluene | Ave | 2.622 | 2.589 | | 19.8 | 20.0 | -1.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.373 | 1.364 | 0.6000 | 19.9 | 20.0 | -0.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.419 | 1.405 | 0.5000 | 19.8 | 20.0 | -1.0 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.599 | 2.636 | | 20.3 | 20.0 | 1.4 | 30.0 |
| Benzyl chloride | Ave | 1.171 | 1.192 | | 20.4 | 20.0 | 1.8 | 30.0 |
| Indan | Ave | 2.517 | 2.461 | | 19.6 | 20.0 | -2.2 | 30.0 |
| p-Diethylbenzene | Ave | 1.634 | 1.650 | | 20.2 | 20.0 | 1.0 | 30.0 |
| n-Butylbenzene | Ave | 1.484 | 1.464 | | 19.7 | 20.0 | -1.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.276 | 1.251 | 0.4000 | 19.6 | 20.0 | -1.9 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.255 | 2.222 | | 19.7 | 20.0 | -1.5 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1121 | 0.1070 | 0.0500 | 19.1 | 20.0 | -4.5 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9571 | 0.9058 | | 18.9 | 20.0 | -5.4 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.8217 | 0.8106 | 0.2000 | 19.7 | 20.0 | -1.4 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3566 | 0.3379 | | 19.0 | 20.0 | -5.2 | 30.0 |
| Naphthalene | Ave | 1.726 | 1.703 | | 19.7 | 20.0 | -1.3 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.7268 | 0.6965 | | 19.2 | 20.0 | -4.2 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3838 | | | 1.00 | 20.0 | | |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1962 | | | 1.00 | 20.0 | | |
| Chlorodifluoromethane | Ave | 0.5680 | | | 1.00 | 20.0 | | |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002673/18  Calibration Date: 10/22/2024 09:49

Instrument ID: CVOAMS1  Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 10/22/2024 05:47

Lab File ID: A18547.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | QuaF | | | | 1.00 | 20.0 | -100.0* | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2544 | 0.2522 | | 49.6 | 50.0 | -0.8 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2893 | 0.2860 | | 49.4 | 50.0 | -1.1 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.416 | 1.403 | | 49.5 | 50.0 | -0.9 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.3659 | 0.3545 | | 48.4 | 50.0 | -3.1 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18547.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 22-Oct-2024 09:49:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0182449-018
Operator ID: Instrument ID: CVOAMS1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:35:06 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: NN6A Date: 23-Oct-2024 21:36:04

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 4 Dichlorodifluoromethane | 85 | 1.569 | 1.575 | -0.006 | 99 | 98653 | 20.0 | 20.5 | |
| 6 Chloromethane | 50 | 1.769 | 1.769 | 0.000 | 99 | 113615 | 20.0 | 17.8 | |
| 7 Vinyl chloride | 62 | 1.828 | 1.828 | 0.000 | 98 | 102395 | 20.0 | 21.7 | |
| 172 Butadiene | 39 | 1.852 | 1.852 | 0.000 | 97 | 105378 | 20.0 | 23.3 | |
| 9 Bromomethane | 94 | 2.110 | 2.110 | 0.000 | 98 | 39835 | 20.0 | 18.9 | |
| 10 Chloroethane | 64 | 2.187 | 2.187 | 0.000 | 99 | 56152 | 20.0 | 19.6 | |
| 174 Dichlorofluoromethane | 67 | 2.340 | 2.340 | 0.000 | 99 | 155923 | 20.0 | 20.6 | |
| 12 Trichlorofluoromethane | 101 | 2.357 | 2.357 | 0.000 | 97 | 105118 | 20.0 | 22.1 | |
| 13 Pentane | 72 | 2.399 | 2.399 | 0.000 | 97 | 25132 | 40.0 | 35.8 | |
| 14 Ethanol | 46 | 2.528 | 2.528 | 0.000 | 98 | 13773 | 800.0 | 808.0 | |
| 15 Ethyl ether | 59 | 2.575 | 2.575 | 0.000 | 95 | 58281 | 20.0 | 17.6 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.605 | 2.605 | 0.000 | 97 | 65587 | 20.0 | 18.6 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.734 | 2.734 | 0.000 | 93 | 63941 | 20.0 | 21.3 | |
| 19 Acrolein | 56 | 2.740 | 2.746 | -0.006 | 96 | 95339 | 39.5 | 225.6 | |
| 21 1,1-Dichloroethene | 96 | 2.781 | 2.781 | 0.000 | 95 | 58766 | 20.0 | 17.8 | |
| 22 Acetone | 58 | 2.857 | 2.857 | 0.000 | 89 | 27912 | 100.0 | 103.3 | |
| 24 Isopropyl alcohol | 45 | 2.916 | 2.916 | 0.000 | 98 | 29953 | 200.0 | 188.6 | |
| 23 Iodomethane | 142 | 2.934 | 2.940 | -0.006 | 97 | 50018 | 20.0 | 13.5 | |
| 25 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 225232 | 20.0 | 17.1 | |
| 161 3-Chloro-1-propene | 76 | 3.087 | 3.087 | 0.000 | 95 | 43259 | 20.0 | 18.4 | |
| 27 Methyl acetate | 43 | 3.087 | 3.087 | 0.000 | 93 | 86781 | 40.0 | 38.5 | |
| 166 Cyclopentene | 67 | 3.104 | 3.110 | -0.006 | 92 | 142844 | 20.0 | 17.9 | |
| 29 Acetonitrile | 41 | 3.146 | 3.146 | 0.000 | 100 | 84890 | 200.0 | 180.5 | |
| * 30 TBA-d9 (IS) | 65 | 3.163 | 3.169 | -0.006 | 0 | 206859 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.204 | 3.210 | -0.006 | 95 | 74686 | 20.0 | 18.7 | |
| 32 2-Methyl-2-propanol | 59 | 3.234 | 3.234 | 0.000 | 98 | 45738 | 200.0 | 211.3 | |
| 33 Methyl tert-butyl ether | 73 | 3.352 | 3.357 | -0.005 | 98 | 164535 | 20.0 | 19.3 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.393 | 3.393 | 0.000 | 97 | 64992 | 20.0 | 18.5 | |
| 35 Acrylonitrile | 53 | 3.457 | 3.457 | 0.000 | 95 | 223789 | 200.0 | 199.6 | |
| 36 Hexane | 43 | 3.540 | 3.534 | 0.006 | 95 | 70942 | 20.0 | 20.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 Isopropyl ether | 45 | 3.734 | 3.734 | 0.000 | 99 | 235512 | 20.0 | 19.5 | |
| 38 1,1-Dichloroethane | 63 | 3.787 | 3.787 | 0.000 | 62 | 132281 | 20.0 | 19.3 | |
| 39 Vinyl acetate | 86 | 3.787 | 3.787 | 0.000 | 100 | 27858 | 40.0 | 44.9 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.834 | 3.834 | 0.000 | 91 | 60202 | 20.0 | 18.8 | |
| 41 Tert-butyl ethyl ether | 59 | 4.051 | 4.051 | 0.000 | 89 | 194863 | 20.0 | 18.9 | |
| * 42 2-Butanone-d5 | 46 | 4.269 | 4.269 | 0.000 | 0 | 314622 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.293 | 4.293 | 0.000 | 98 | 22305 | 20.0 | 19.7 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.316 | 4.316 | 0.000 | 92 | 72541 | 20.0 | 18.7 | |
| 46 Ethyl acetate | 70 | 4.322 | 4.322 | 0.000 | 93 | 11845 | 40.0 | 36.6 | |
| 45 2-Butanone (MEK) | 72 | 4.328 | 4.328 | 0.000 | 96 | 33073 | 100.0 | 107.6 | |
| 47 Methyl acrylate | 55 | 4.387 | 4.387 | 0.000 | 99 | 51338 | 20.0 | 20.0 | |
| 48 Propionitrile | 54 | 4.469 | 4.469 | 0.000 | 98 | 83425 | 200.0 | 201.0 | |
| 50 Chlorobromomethane | 128 | 4.551 | 4.551 | 0.000 | 97 | 28726 | 20.0 | 18.3 | |
| 49 Tetrahydrofuran | 42 | 4.557 | 4.557 | 0.000 | 60 | 45979 | 40.0 | 40.4 | |
| 51 Methacrylonitrile | 67 | 4.575 | 4.575 | 0.000 | 92 | 251692 | 200.0 | 206.7 | |
| 52 Chloroform | 83 | 4.599 | 4.599 | -0.001 | 98 | 115021 | 20.0 | 19.2 | |
| 53 Cyclohexane | 56 | 4.746 | 4.746 | 0.000 | 93 | 127908 | 20.0 | 19.9 | |
| 54 1,1,1-Trichloroethane | 97 | 4.757 | 4.763 | -0.006 | 83 | 87994 | 20.0 | 18.8 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.763 | 4.763 | 0.000 | 96 | 161053 | 50.0 | 49.6 | |
| 56 Carbon tetrachloride | 117 | 4.887 | 4.887 | 0.000 | 97 | 73625 | 20.0 | 18.9 | |
| 57 1,1-Dichloropropene | 75 | 4.916 | 4.922 | -0.006 | 97 | 90629 | 20.0 | 18.7 | |
| 58 Isobutyl alcohol | 43 | 5.016 | 5.016 | 0.000 | 95 | 49521 | 500.0 | 490.4 | |
| 59 Isooctane | 57 | 5.087 | 5.087 | 0.000 | 99 | 230018 | 20.0 | 21.4 | |
| 60 Benzene | 78 | 5.134 | 5.134 | 0.000 | 97 | 282802 | 20.0 | 19.1 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.146 | 5.151 | -0.005 | 0 | 182628 | 50.0 | 49.4 | |
| 62 Isopropyl acetate | 61 | 5.169 | 5.163 | 0.006 | 97 | 25903 | 20.0 | 19.6 | |
| 63 Tert-amyl methyl ether | 87 | 5.187 | 5.181 | 0.006 | 89 | 47478 | 20.0 | 19.4 | |
| 64 1,2-Dichloroethane | 62 | 5.228 | 5.234 | -0.006 | 96 | 78391 | 20.0 | 19.0 | |
| 65 n-Heptane | 71 | 5.275 | 5.281 | -0.006 | 94 | 55713 | 20.0 | 21.3 | |
| * 66 Fluorobenzene | 96 | 5.440 | 5.440 | 0.000 | 98 | 638509 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.745 | 5.746 | -0.001 | 88 | 29363 | 500.0 | 489.4 | |
| 68 Trichloroethene | 95 | 5.822 | 5.822 | 0.000 | 96 | 67211 | 20.0 | 19.2 | |
| 69 Ethyl acrylate | 99 | 5.945 | 5.945 | 0.000 | 97 | 8580 | 20.0 | 19.3 | |
| 70 Methylcyclohexane | 83 | 5.963 | 5.969 | -0.006 | 92 | 111495 | 20.0 | 20.7 | |
| 71 1,2-Dichloropropane | 63 | 6.151 | 6.145 | 0.006 | 91 | 75435 | 20.0 | 18.7 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.210 | 6.210 | 0.000 | 0 | 26417 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.216 | 6.222 | -0.006 | 92 | 78440 | 40.0 | 40.6 | |
| 75 1,4-Dioxane | 88 | 6.269 | 6.275 | -0.006 | 30 | 11306 | 400.0 | 392.5 | |
| 74 n-Propyl acetate | 43 | 6.275 | 6.281 | -0.006 | 99 | 79387 | 20.0 | 19.8 | |
| 76 Dibromomethane | 93 | 6.293 | 6.298 | -0.006 | 94 | 38414 | 20.0 | 19.8 | |
| 77 Dichlorobromomethane | 83 | 6.457 | 6.451 | 0.006 | 98 | 88521 | 20.0 | 20.2 | |
| 79 2-Nitropropane | 41 | 6.840 | 6.845 | -0.005 | 100 | 23982 | 40.0 | 35.6 | |
| 80 Epichlorohydrin | 57 | 6.981 | 6.963 | 0.018 | 1 | 4045 | 20.0 | 19.9 | a |
| 81 cis-1,3-Dichloropropene | 75 | 7.022 | 7.022 | 0.000 | 94 | 101603 | 20.0 | 17.7 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.210 | 7.210 | 0.000 | 97 | 253600 | 100.0 | 107.3 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.304 | 7.304 | 0.000 | 99 | 656172 | 50.0 | 49.5 | |
| 84 Toluene | 91 | 7.392 | 7.398 | -0.006 | 96 | 274683 | 20.0 | 18.3 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.804 | 7.798 | 0.006 | 96 | 93628 | 20.0 | 19.7 | |
| 85 Ethyl methacrylate | 69 | 7.834 | 7.834 | 0.000 | 93 | 66876 | 20.0 | 18.1 | |
| 87 1,1,2-Trichloroethane | 83 | 8.075 | 8.069 | 0.006 | 97 | 47975 | 20.0 | 18.6 | |
| 88 Tetrachloroethene | 166 | 8.128 | 8.128 | 0.000 | 94 | 59014 | 20.0 | 19.3 | |
| 89 1,3-Dichloropropane | 76 | 8.351 | 8.351 | 0.000 | 94 | 97888 | 20.0 | 19.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 2-Hexanone | 58 | 8.439 | 8.434 | 0.005 | 97 | 91416 | 100.0 | 103.0 | |
| 91 n-Butyl acetate | 73 | 8.586 | 8.586 | 0.000 | 98 | 13284 | 20.0 | 20.2 | |
| 92 Chlorodibromomethane | 129 | 8.657 | 8.657 | 0.000 | 97 | 56916 | 20.0 | 20.1 | |
| 93 Ethylene Dibromide | 107 | 8.845 | 8.839 | 0.006 | 96 | 50636 | 20.0 | 19.6 | |
| * 94 Chlorobenzene-d5 | 117 | 9.375 | 9.375 | 0.000 | 88 | 467726 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.404 | 9.404 | 0.000 | 93 | 167276 | 20.0 | 19.3 | |
| 96 Ethylbenzene | 106 | 9.492 | 9.492 | 0.000 | 99 | 88298 | 20.0 | 19.5 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.504 | 9.504 | 0.000 | 95 | 54713 | 20.0 | 19.6 | |
| 98 m-Xylene & p-Xylene | 106 | 9.616 | 9.616 | 0.000 | 0 | 106803 | 20.0 | 19.0 | |
| 99 n-Butyl acrylate | 73 | 9.981 | 9.981 | -0.001 | 96 | 36972 | 20.0 | 18.9 | |
| 100 o-Xylene | 106 | 9.998 | 9.998 | 0.000 | 93 | 108059 | 20.0 | 20.1 | |
| 101 Styrene | 104 | 10.022 | 10.022 | 0.000 | 96 | 180551 | 20.0 | 20.0 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.175 | 10.175 | 0.000 | 89 | 95913 | 20.0 | 22.4 | |
| 103 Bromoform | 173 | 10.204 | 10.198 | 0.006 | 95 | 32714 | 20.0 | 19.8 | |
| 104 Isopropylbenzene | 105 | 10.298 | 10.298 | 0.000 | 97 | 272522 | 20.0 | 21.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.457 | 10.457 | 0.000 | 84 | 165791 | 50.0 | 48.4 | |
| 107 Bromobenzene | 156 | 10.569 | 10.569 | 0.000 | 95 | 64013 | 20.0 | 19.2 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.598 | 10.592 | 0.006 | 99 | 67286 | 20.0 | 20.2 | |
| 108 N-Propylbenzene | 91 | 10.616 | 10.616 | 0.000 | 98 | 354966 | 20.0 | 20.0 | |
| 110 1,2,3-Trichloropropane | 110 | 10.633 | 10.633 | 0.000 | 95 | 16903 | 20.0 | 20.3 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.651 | 10.645 | 0.006 | 89 | 18514 | 20.0 | 20.4 | |
| 112 2-Chlorotoluene | 91 | 10.704 | 10.698 | 0.006 | 94 | 232886 | 20.0 | 19.7 | |
| 169 4-Ethyltoluene | 105 | 10.704 | 10.698 | 0.006 | 89 | 277449 | 20.0 | 20.6 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.751 | 10.745 | 0.006 | 93 | 225780 | 20.0 | 20.1 | |
| 115 4-Chlorotoluene | 91 | 10.792 | 10.780 | 0.012 | 98 | 212487 | 20.0 | 19.8 | |
| 114 Butyl Methacrylate | 87 | 10.822 | 10.816 | 0.006 | 91 | 72449 | 20.0 | 20.7 | |
| 116 tert-Butylbenzene | 119 | 10.975 | 10.963 | 0.012 | 93 | 187454 | 20.0 | 20.0 | |
| 117 1,2,4-Trimethylbenzene | 105 | 11.022 | 11.010 | 0.012 | 98 | 226871 | 20.0 | 20.2 | |
| 118 sec-Butylbenzene | 134 | 11.127 | 11.110 | 0.017 | 99 | 55201 | 20.0 | 20.3 | |
| 119 4-Isopropyltoluene | 119 | 11.222 | 11.204 | 0.018 | 97 | 234814 | 20.0 | 19.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.233 | 11.216 | 0.017 | 94 | 123701 | 20.0 | 19.9 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.280 | 11.269 | 0.011 | 98 | 226731 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.298 | 11.280 | 0.018 | 94 | 127378 | 20.0 | 19.8 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.310 | 11.292 | 0.018 | 99 | 239036 | 20.0 | 20.3 | |
| 124 Benzyl chloride | 91 | 11.398 | 11.386 | 0.012 | 98 | 108114 | 20.0 | 20.4 | |
| 162 2,3-Dihydroindene | 117 | 11.451 | 11.433 | 0.018 | 94 | 223209 | 20.0 | 19.6 | |
| 164 p-Diethylbenzene | 119 | 11.480 | 11.463 | 0.017 | 93 | 149634 | 20.0 | 20.2 | |
| 127 n-Butylbenzene | 92 | 11.498 | 11.480 | 0.018 | 97 | 132778 | 20.0 | 19.7 | |
| 128 1,2-Dichlorobenzene | 146 | 11.557 | 11.545 | 0.012 | 94 | 113476 | 20.0 | 19.6 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 12.039 | 12.016 | 0.023 | 97 | 201505 | 20.0 | 19.7 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.145 | 12.122 | 0.023 | 93 | 9708 | 20.0 | 19.1 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.251 | 12.233 | 0.018 | 96 | 82153 | 20.0 | 18.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.792 | 12.769 | 0.023 | 94 | 73512 | 20.0 | 19.7 | |
| 133 Hexachlorobutadiene | 225 | 12.880 | 12.857 | 0.023 | 92 | 30647 | 20.0 | 19.0 | |
| 134 Naphthalene | 128 | 13.045 | 13.022 | 0.023 | 99 | 154432 | 20.0 | 19.7 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.274 | 13.257 | 0.017 | 94 | 63164 | 20.0 | 19.2 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.2 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.0 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN SP_00170 | Amount Added: | 4.00 | Units: uL | |
| GAS C SP_00591 | Amount Added: | 20.00 | Units: uL | |
| 7 Freons SS_00019 | Amount Added: | 20.00 | Units: uL | |
| 8260 SP_00185 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00192 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00251 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 21:36:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18547.D

Injection Date: 22-Oct-2024 09:49:30 Instrument ID: CVOAMS1 Operator ID:

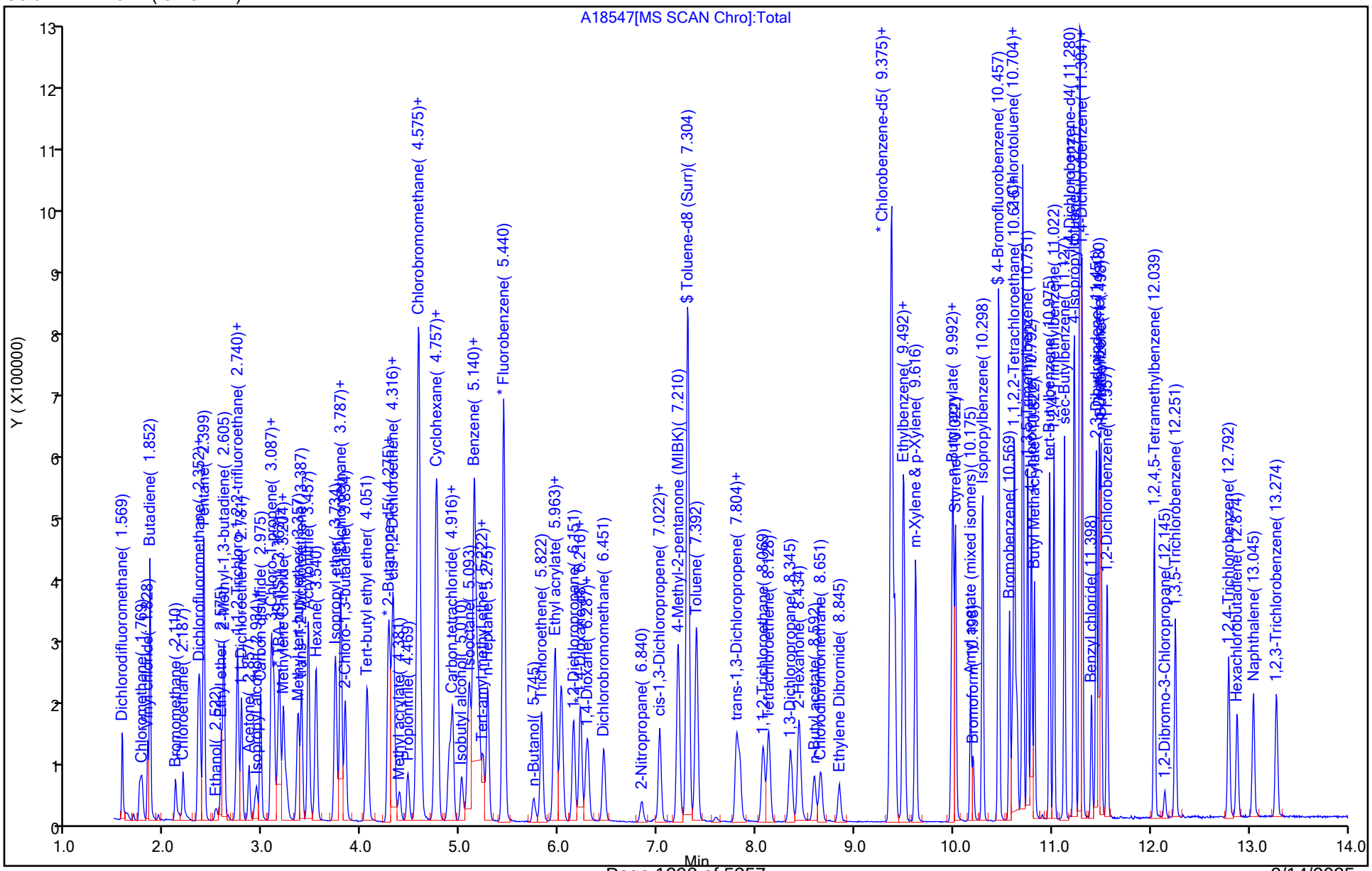
Lims ID: ICV Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

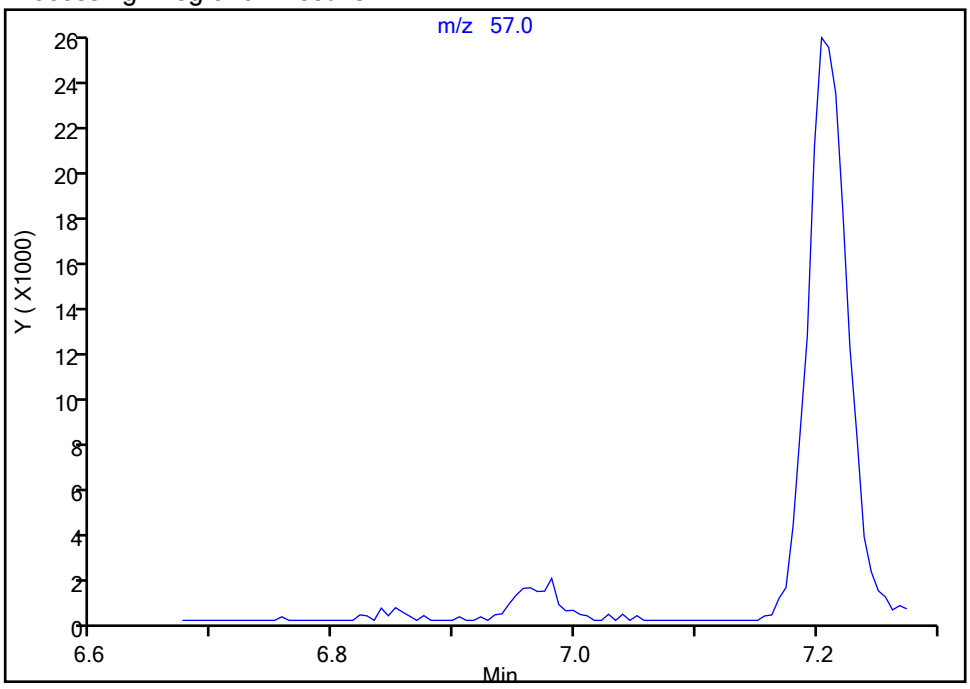
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18547.D
Injection Date: 22-Oct-2024 09:49:30 Instrument ID: CVOAMS1
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 80 Epichlorohydrin, CAS: 106-89-8

Signal: 1

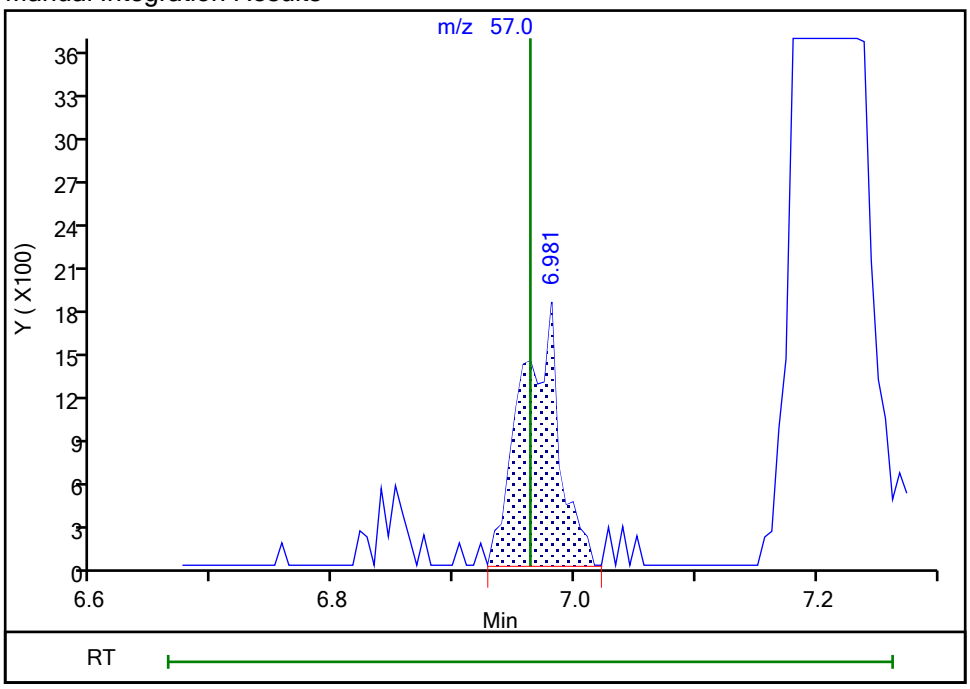
Not Detected
Expected RT: 6.96

Processing Integration Results




Manual Integration Results

RT: 6.98
Area: 4045
Amount: 19.921606
Amount Units: ug/l




Reviewer: NN6A, 23-Oct-2024 21:34:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020540/2  Calibration Date: 02/10/2025 20:33

Instrument ID: CVOAMS1  Calib Start Date: 09/18/2024 23:34

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 09/19/2024 02:07

Lab File ID: A22175.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Chloroethyl vinyl ether | Ave | 0.0092 | | | 1.00 | 20.0 | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22175.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 20:33:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 02:39:09 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1695

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:39:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.528 | 1.528 | 0.000 | 90 | 18649 | 20.0 | 15.4 | |
| 4 Dichlorodifluoromethane | 85 | 1.557 | 1.557 | 0.000 | 98 | 114249 | 20.0 | 18.9 | |
| 165 Chlorodifluoromethane | 51 | 1.575 | 1.575 | 0.000 | 78 | 135942 | 20.0 | 14.9 | |
| 6 Chloromethane | 50 | 1.740 | 1.740 | 0.000 | 99 | 115602 | 20.0 | 14.5 | |
| 7 Vinyl chloride | 62 | 1.810 | 1.810 | 0.000 | 97 | 98642 | 20.0 | 16.7 | |
| 172 Butadiene | 39 | 1.834 | 1.834 | 0.000 | 92 | 69018 | 20.0 | 12.2 | |
| 9 Bromomethane | 94 | 2.087 | 2.087 | 0.000 | 98 | 47987 | 20.0 | 18.2 | |
| 10 Chloroethane | 64 | 2.163 | 2.163 | 0.000 | 98 | 63241 | 20.0 | 17.6 | |
| 174 Dichlorofluoromethane | 67 | 2.316 | 2.316 | 0.000 | 98 | 169523 | 20.0 | 17.8 | |
| 12 Trichlorofluoromethane | 101 | 2.328 | 2.328 | 0.000 | 97 | 112395 | 20.0 | 18.8 | |
| 13 Pentane | 72 | 2.369 | 2.369 | 0.000 | 97 | 21762 | 40.0 | 26.1 | |
| 14 Ethanol | 46 | 2.493 | 2.493 | 0.000 | 96 | 14462 | 800.0 | 714.5 | |
| 15 Ethyl ether | 59 | 2.546 | 2.546 | 0.000 | 91 | 61202 | 20.0 | 14.8 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.569 | 2.569 | 0.000 | 92 | 59057 | 20.0 | 13.3 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.575 | 2.575 | 0.000 | 94 | 54845 | 20.0 | 17.5 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.622 | 2.622 | 0.000 | 96 | 102474 | 20.0 | 16.7 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.704 | 2.704 | 0.000 | 96 | 69991 | 20.0 | 18.6 | |
| 19 Acrolein | 56 | 2.716 | 2.716 | 0.000 | 93 | 17360 | 40.0 | 34.6 | |
| 21 1,1-Dichloroethene | 96 | 2.751 | 2.751 | 0.000 | 94 | 72404 | 20.0 | 17.5 | |
| 22 Acetone | 58 | 2.822 | 2.822 | 0.000 | 90 | 27211 | 100.0 | 109.5 | |
| 24 Isopropyl alcohol | 45 | 2.887 | 2.887 | 0.000 | 99 | 33472 | 200.0 | 177.5 | |
| 23 Iodomethane | 142 | 2.904 | 2.904 | 0.000 | 95 | 67428 | 20.0 | 14.5 | |
| 25 Carbon disulfide | 76 | 2.940 | 2.940 | 0.000 | 98 | 198260 | 20.0 | 12.0 | |
| 161 3-Chloro-1-propene | 76 | 3.046 | 3.046 | 0.000 | 92 | 51132 | 20.0 | 17.3 | |
| 27 Methyl acetate | 43 | 3.051 | 3.051 | 0.000 | 89 | 86711 | 40.0 | 32.4 | |
| 166 Cyclopentene | 67 | 3.069 | 3.069 | 0.000 | 91 | 147606 | 20.0 | 14.7 | |
| 29 Acetonitrile | 41 | 3.110 | 3.110 | 0.000 | 99 | 78571 | 200.0 | 140.7 | |
| * 30 TBA-d9 (IS) | 65 | 3.134 | 3.134 | 0.000 | 0 | 245626 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.169 | 3.169 | 0.000 | 88 | 88173 | 20.0 | 17.6 | |
| 32 2-Methyl-2-propanol | 59 | 3.198 | 3.198 | 0.000 | 99 | 58899 | 200.0 | 229.2 | |
| 33 Methyl tert-butyl ether | 73 | 3.316 | 3.316 | 0.000 | 96 | 205843 | 20.0 | 19.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 trans-1,2-Dichloroethene | 96 | 3.351 | 3.351 | 0.000 | 93 | 80256 | 20.0 | 18.2 | |
| 35 Acrylonitrile | 53 | 3.422 | 3.422 | 0.000 | 96 | 241435 | 200.0 | 171.7 | |
| 36 Hexane | 43 | 3.498 | 3.498 | 0.000 | 89 | 40271 | 20.0 | 9.16 | |
| 37 Isopropyl ether | 45 | 3.693 | 3.693 | 0.000 | 97 | 228083 | 20.0 | 15.1 | |
| 39 Vinyl acetate | 86 | 3.745 | 3.745 | 0.000 | 99 | 34176 | 40.0 | 46.4 | |
| 38 1,1-Dichloroethane | 63 | 3.745 | 3.745 | 0.000 | 69 | 151199 | 20.0 | 17.6 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.793 | 3.793 | 0.000 | 88 | 72565 | 20.0 | 18.1 | |
| 41 Tert-butyl ethyl ether | 59 | 4.010 | 4.010 | 0.000 | 90 | 226958 | 20.0 | 17.5 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 289407 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.245 | 4.245 | 0.000 | 90 | 28147 | 20.0 | 19.8 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.269 | 4.269 | 0.000 | 96 | 97851 | 20.0 | 20.1 | |
| 46 Ethyl acetate | 70 | 4.269 | 4.269 | 0.000 | 92 | 12773 | 40.0 | 42.9 | |
| 45 2-Butanone (MEK) | 72 | 4.281 | 4.281 | 0.000 | 97 | 36943 | 100.0 | 130.7 | |
| 47 Methyl acrylate | 55 | 4.334 | 4.334 | 0.000 | 99 | 58402 | 20.0 | 18.2 | |
| 48 Propionitrile | 54 | 4.422 | 4.422 | 0.000 | 98 | 91480 | 200.0 | 185.6 | |
| 50 Chlorobromomethane | 128 | 4.504 | 4.504 | 0.000 | 87 | 42496 | 20.0 | 21.6 | |
| 49 Tetrahydrofuran | 42 | 4.516 | 4.516 | 0.000 | 61 | 43786 | 40.0 | 41.8 | |
| 51 Methacrylonitrile | 67 | 4.528 | 4.528 | 0.000 | 86 | 313616 | 200.0 | 205.4 | |
| 52 Chloroform | 83 | 4.545 | 4.545 | 0.000 | 99 | 144234 | 20.0 | 19.2 | |
| 53 Cyclohexane | 56 | 4.698 | 4.698 | 0.000 | 85 | 104404 | 20.0 | 13.0 | |
| 54 1,1,1-Trichloroethane | 97 | 4.704 | 4.704 | 0.000 | 74 | 112824 | 20.0 | 19.3 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.716 | 4.716 | 0.000 | 96 | 193072 | 50.0 | 47.4 | |
| 56 Carbon tetrachloride | 117 | 4.840 | 4.840 | 0.000 | 97 | 93675 | 20.0 | 19.2 | |
| 57 1,1-Dichloropropene | 75 | 4.869 | 4.869 | 0.000 | 98 | 104747 | 20.0 | 17.2 | |
| 58 Isobutyl alcohol | 43 | 4.963 | 4.963 | 0.000 | 96 | 52276 | 500.0 | 436.0 | |
| 59 Isooctane | 57 | 5.034 | 5.034 | 0.000 | 66 | 168735 | 20.0 | 12.5 | |
| 60 Benzene | 78 | 5.081 | 5.081 | 0.000 | 95 | 338752 | 20.0 | 18.4 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.098 | 5.098 | 0.000 | 0 | 189438 | 50.0 | 40.9 | |
| 62 Isopropyl acetate | 61 | 5.116 | 5.116 | 0.000 | 95 | 29713 | 20.0 | 17.7 | |
| 63 Tert-amyl methyl ether | 87 | 5.128 | 5.128 | 0.000 | 97 | 65230 | 20.0 | 21.2 | |
| 64 1,2-Dichloroethane | 62 | 5.175 | 5.175 | 0.000 | 96 | 92601 | 20.0 | 17.9 | |
| 65 n-Heptane | 71 | 5.222 | 5.222 | 0.000 | 86 | 41811 | 20.0 | 12.7 | |
| * 66 Fluorobenzene | 96 | 5.387 | 5.387 | 0.000 | 99 | 800845 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.687 | 5.687 | 0.000 | 83 | 37024 | 500.0 | 518.8 | |
| 68 Trichloroethene | 95 | 5.769 | 5.769 | 0.000 | 98 | 83346 | 20.0 | 18.9 | |
| 69 Ethyl acrylate | 99 | 5.892 | 5.892 | 0.000 | 98 | 10000 | 20.0 | 18.0 | |
| 70 Methylcyclohexane | 83 | 5.910 | 5.910 | 0.000 | 87 | 107676 | 20.0 | 15.9 | |
| 71 1,2-Dichloropropane | 63 | 6.092 | 6.092 | 0.000 | 93 | 86231 | 20.0 | 17.0 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.157 | 6.157 | 0.000 | 0 | 35884 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.157 | 6.163 | -0.006 | 80 | 102589 | 40.0 | 42.3 | |
| 74 n-Propyl acetate | 43 | 6.216 | 6.216 | 0.000 | 96 | 78573 | 20.0 | 15.6 | |
| 75 1,4-Dioxane | 88 | 6.222 | 6.222 | 0.000 | 28 | 15805 | 400.0 | 404.0 | |
| 76 Dibromomethane | 93 | 6.234 | 6.234 | 0.000 | 93 | 48760 | 20.0 | 20.0 | |
| 77 Dichlorobromomethane | 83 | 6.392 | 6.392 | 0.000 | 99 | 109130 | 20.0 | 19.8 | |
| 79 2-Nitropropane | 41 | 6.781 | 6.781 | 0.000 | 97 | 25834 | 40.0 | 30.6 | |
| 80 Epichlorohydrin | 57 | 6.898 | 6.898 | 0.000 | 99 | 102518 | 400.0 | 548.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.957 | 6.957 | 0.000 | 88 | 142382 | 20.0 | 20.0 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.145 | 7.145 | 0.000 | 93 | 249389 | 100.0 | 114.7 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.245 | 7.245 | 0.000 | 100 | 766145 | 50.0 | 46.5 | |
| 84 Toluene | 91 | 7.333 | 7.333 | 0.000 | 92 | 357924 | 20.0 | 19.2 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.733 | 7.733 | 0.000 | 96 | 117549 | 20.0 | 19.9 | |
| 85 Ethyl methacrylate | 69 | 7.763 | 7.763 | 0.000 | 84 | 91357 | 20.0 | 19.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 1,1,2-Trichloroethane | 83 | 8.004 | 8.004 | 0.000 | 96 | 65159 | 20.0 | 20.4 | |
| 88 Tetrachloroethene | 166 | 8.057 | 8.057 | 0.000 | 96 | 76838 | 20.0 | 20.2 | |
| 89 1,3-Dichloropropane | 76 | 8.275 | 8.275 | 0.000 | 88 | 124377 | 20.0 | 19.9 | |
| 90 2-Hexanone | 58 | 8.363 | 8.357 | 0.006 | 94 | 108802 | 100.0 | 133.3 | |
| 91 n-Butyl acetate | 73 | 8.516 | 8.516 | 0.000 | 97 | 17812 | 20.0 | 21.8 | |
| 92 Chlorodibromomethane | 129 | 8.580 | 8.580 | 0.000 | 98 | 80237 | 20.0 | 22.8 | |
| 93 Ethylene Dibromide | 107 | 8.780 | 8.780 | 0.000 | 96 | 71139 | 20.0 | 22.1 | |
| * 94 Chlorobenzene-d5 | 117 | 9.327 | 9.327 | 0.000 | 84 | 581436 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.357 | 9.357 | 0.000 | 96 | 227571 | 20.0 | 21.2 | |
| 96 Ethylbenzene | 106 | 9.445 | 9.445 | 0.000 | 98 | 120837 | 20.0 | 21.4 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.457 | 9.457 | 0.000 | 98 | 77784 | 20.0 | 22.4 | |
| 98 m-Xylene & p-Xylene | 106 | 9.574 | 9.574 | 0.000 | 0 | 151563 | 20.0 | 21.6 | |
| 99 n-Butyl acrylate | 73 | 9.939 | 9.939 | 0.000 | 98 | 52093 | 20.0 | 21.5 | |
| 100 o-Xylene | 106 | 9.957 | 9.957 | 0.000 | 93 | 147151 | 20.0 | 22.0 | |
| 101 Styrene | 104 | 9.980 | 9.980 | 0.000 | 99 | 240980 | 20.0 | 21.5 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.139 | 10.139 | 0.000 | 93 | 98669 | 20.0 | 17.8 | |
| 103 Bromoform | 173 | 10.163 | 10.163 | 0.000 | 96 | 47732 | 20.0 | 23.2 | |
| 104 Isopropylbenzene | 105 | 10.257 | 10.257 | 0.000 | 95 | 334470 | 20.0 | 21.4 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.422 | 10.422 | 0.000 | 88 | 226621 | 50.0 | 53.3 | |
| 107 Bromobenzene | 156 | 10.527 | 10.527 | 0.000 | 99 | 89308 | 20.0 | 20.6 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.557 | 10.557 | 0.000 | 99 | 89205 | 20.0 | 20.7 | |
| 108 N-Propylbenzene | 91 | 10.580 | 10.580 | 0.000 | 99 | 446950 | 20.0 | 19.4 | |
| 110 1,2,3-Trichloropropane | 110 | 10.598 | 10.598 | 0.000 | 96 | 24666 | 20.0 | 22.8 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.610 | 10.610 | 0.000 | 89 | 21287 | 20.0 | 18.1 | |
| 112 2-Chlorotoluene | 91 | 10.663 | 10.663 | 0.000 | 93 | 304457 | 20.0 | 19.9 | |
| 169 4-Ethyltoluene | 105 | 10.663 | 10.663 | 0.000 | 89 | 370415 | 20.0 | 21.2 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.710 | 10.710 | 0.000 | 94 | 301620 | 20.0 | 20.7 | |
| 115 4-Chlorotoluene | 91 | 10.751 | 10.751 | 0.000 | 97 | 276329 | 20.0 | 19.9 | |
| 114 Butyl Methacrylate | 87 | 10.780 | 10.780 | 0.000 | 84 | 110859 | 20.0 | 24.4 | |
| 116 tert-Butylbenzene | 119 | 10.933 | 10.933 | 0.000 | 94 | 245386 | 20.0 | 20.2 | |
| 117 1,2,4-Trimethylbenzene | 105 | 10.974 | 10.974 | 0.000 | 97 | 313753 | 20.0 | 21.5 | |
| 118 sec-Butylbenzene | 134 | 11.074 | 11.074 | 0.000 | 99 | 73537 | 20.0 | 20.9 | |
| 119 4-Isopropyltoluene | 119 | 11.169 | 11.169 | 0.000 | 98 | 320840 | 20.0 | 20.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.180 | 11.180 | 0.000 | 96 | 176439 | 20.0 | 21.8 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.227 | 11.227 | 0.000 | 95 | 294173 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.245 | 11.245 | 0.000 | 95 | 181841 | 20.0 | 21.8 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.257 | 11.257 | 0.000 | 98 | 326871 | 20.0 | 21.4 | |
| 124 Benzyl chloride | 91 | 11.345 | 11.345 | 0.000 | 99 | 167724 | 20.0 | 24.3 | |
| 162 2,3-Dihydroindene | 117 | 11.392 | 11.392 | 0.000 | 95 | 334278 | 20.0 | 22.6 | |
| 164 p-Diethylbenzene | 119 | 11.421 | 11.421 | 0.000 | 93 | 204511 | 20.0 | 21.3 | |
| 127 n-Butylbenzene | 92 | 11.439 | 11.439 | 0.000 | 97 | 176710 | 20.0 | 20.2 | |
| 128 1,2-Dichlorobenzene | 146 | 11.504 | 11.504 | 0.000 | 96 | 168021 | 20.0 | 22.4 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 11.974 | 11.974 | 0.000 | 97 | 296456 | 20.0 | 22.3 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.074 | 12.074 | 0.000 | 95 | 15767 | 20.0 | 23.9 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.180 | 12.180 | 0.000 | 97 | 117649 | 20.0 | 20.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.715 | 12.715 | 0.000 | 92 | 104865 | 20.0 | 21.7 | |
| 133 Hexachlorobutadiene | 225 | 12.804 | 12.804 | 0.000 | 89 | 38251 | 20.0 | 18.2 | |
| 134 Naphthalene | 128 | 12.957 | 12.957 | 0.000 | 99 | 245053 | 20.0 | 24.1 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.186 | 13.186 | 0.000 | 95 | 95789 | 20.0 | 22.4 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.3 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.6 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00200 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 02:39:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22175.D

Injection Date: 10-Feb-2025 20:33:30 Instrument ID: CVOAMS1 Operator ID:

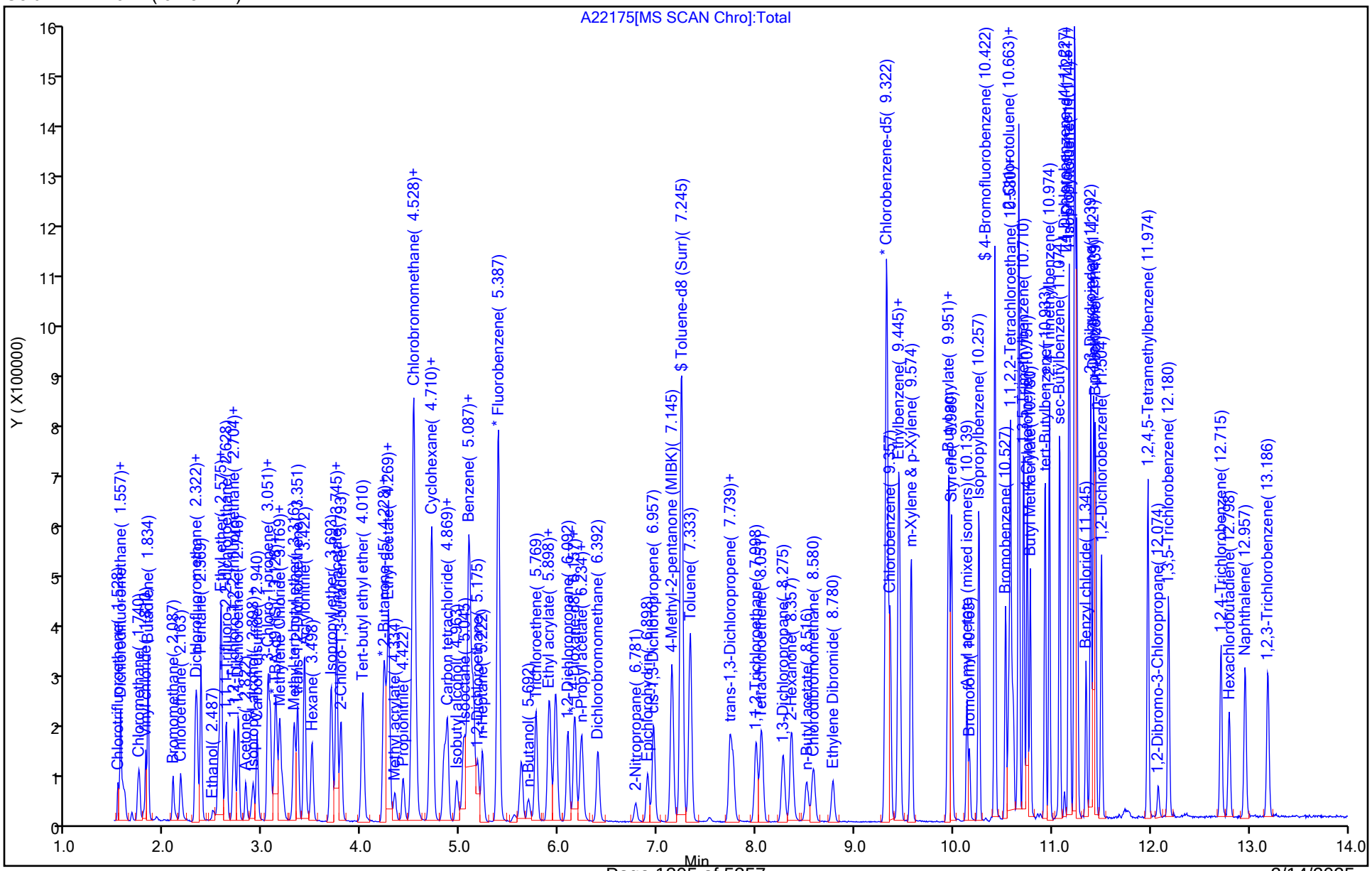
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020540/2 Calibration Date: 02/10/2025 20:33

Instrument ID: CVOAMS1 Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2024 05:47

Lab File ID: A22175.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | QuaF | | 0.0582 | | 15.4 | 20.0 | -23.2* | 20.0 |
| Dichlorodifluoromethane | Ave | 0.3771 | 0.3567 | 0.1000 | 18.9 | 20.0 | -5.4 | 20.0 |
| Chlorodifluoromethane | Ave | 0.5680 | 0.4244 | | 14.9 | 20.0 | -25.3* | 20.0 |
| Chloromethane | Ave | 0.4984 | 0.3609 | 0.1000 | 14.5 | 20.0 | -27.6* | 20.0 |
| Vinyl chloride | Ave | 0.3691 | 0.3079 | 0.1000 | 16.7 | 20.0 | -16.6 | 20.0 |
| Butadiene | Ave | 0.3539 | 0.2155 | | 12.2 | 20.0 | -39.1* | 20.0 |
| Bromomethane | Ave | 0.1649 | 0.1498 | 0.1000 | 18.2 | 20.0 | -9.1 | 50.0 |
| Chloroethane | Ave | 0.2246 | 0.1974 | 0.1000 | 17.6 | 20.0 | -12.1 | 50.0 |
| Dichlorofluoromethane | Ave | 0.5932 | 0.5292 | | 17.8 | 20.0 | -10.8 | 20.0 |
| Trichlorofluoromethane | Ave | 0.3732 | 0.3509 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Pentane | Ave | 3.393 | 2.215 | | 26.1 | 40.0 | -34.7* | 20.0 |
| Ethanol | Ave | 0.0824 | 0.0736 | | 714 | 800 | -10.7 | 50.0 |
| Ethyl ether | Ave | 0.2589 | 0.1911 | | 14.8 | 20.0 | -26.2* | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2766 | 0.1844 | | 13.3 | 20.0 | -33.4* | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.1962 | 0.1712 | | 17.5 | 20.0 | -12.7 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.3838 | 0.3199 | | 16.7 | 20.0 | -16.7 | 20.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.2355 | 0.2185 | 0.1000 | 18.6 | 20.0 | -7.2 | 20.0 |
| Acrolein | Ave | 2.043 | 1.767 | | 34.6 | 40.0 | -13.5 | 50.0 |
| 1,1-Dichloroethene | Ave | 0.2579 | 0.2260 | 0.1000 | 17.5 | 20.0 | -12.4 | 20.0 |
| Acetone | Ave | 0.2147 | 0.2351 | 0.0500 | 109 | 100 | 9.5 | 50.0 |
| Isopropyl alcohol | Ave | 0.7676 | 0.6814 | | 178 | 200 | -11.2 | 50.0 |
| Iodomethane | QuaF | | 0.2105 | | 14.5 | 20.0 | -27.4* | 20.0 |
| Carbon disulfide | Ave | 1.033 | 0.6189 | 0.1000 | 12.0 | 20.0 | -40.1 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.1842 | 0.1596 | | 17.3 | 20.0 | -13.4 | 20.0 |
| Methyl acetate | Ave | 10.91 | 8.826 | 0.0500 | 32.4 | 40.0 | -19.1 | 20.0 |
| Cyclopentene | Ave | 0.6265 | 0.4608 | | 14.7 | 20.0 | -26.5* | 20.0 |
| Acetonitrile | Ave | 2.274 | 1.599 | | 141 | 200 | -29.7* | 20.0 |
| Methylene Chloride | Ave | 0.3135 | 0.2752 | 0.1000 | 17.6 | 20.0 | -12.2 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.046 | 1.199 | | 229 | 200 | 14.6 | 50.0 |
| Methyl tert-butyl ether | Ave | 0.6682 | 0.6426 | 0.1000 | 19.2 | 20.0 | -3.8 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.2747 | 0.2505 | 0.1000 | 18.2 | 20.0 | -8.8 | 20.0 |
| Acrylonitrile | Ave | 0.0878 | 0.0754 | | 172 | 200 | -14.1 | 20.0 |
| Hexane | Ave | 0.2746 | 0.1257 | | 9.16 | 20.0 | -54.2* | 20.0 |
| Isopropyl ether | Ave | 0.9454 | 0.7120 | | 15.1 | 20.0 | -24.7* | 20.0 |
| 1,1-Dichloroethane | Ave | 0.5363 | 0.4720 | 0.2000 | 17.6 | 20.0 | -12.0 | 20.0 |
| Vinyl acetate | Ave | 2.999 | 3.478 | | 46.4 | 40.0 | 16.0 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2508 | 0.2265 | | 18.1 | 20.0 | -9.7 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.8084 | 0.7085 | | 17.5 | 20.0 | -12.4 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.0889 | 0.0879 | | 19.8 | 20.0 | -1.1 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020540/2 Calibration Date: 02/10/2025 20:33

Instrument ID: CVOAMS1 Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 10/22/2024 05:47

Lab File ID: A22175.D Conc. Units: ug/L Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.3044 | 0.3055 | 0.1000 | 20.1 | 20.0 | 0.3 | 20.0 |
| Ethyl acetate | Ave | 0.2573 | 0.2758 | | 42.9 | 40.0 | 7.2 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.2442 | 0.3191 | 0.0500 | 131 | 100 | 30.7 | 50.0 |
| Methyl acrylate | Ave | 0.2009 | 0.1823 | | 18.2 | 20.0 | -9.2 | 20.0 |
| Propionitrile | Ave | 2.007 | 1.862 | | 186 | 200 | -7.2 | 20.0 |
| Chlorobromomethane | Ave | 0.1229 | 0.1327 | | 21.6 | 20.0 | 7.9 | 20.0 |
| Tetrahydrofuran | Ave | 0.9039 | 0.9456 | | 41.8 | 40.0 | 4.6 | 20.0 |
| Methacrylonitrile | Ave | 0.0953 | 0.0979 | | 205 | 200 | 2.7 | 20.0 |
| Chloroform | Ave | 0.4691 | 0.4503 | 0.2000 | 19.2 | 20.0 | -4.0 | 20.0 |
| Cyclohexane | Ave | 0.5029 | 0.3259 | 0.1000 | 13.0 | 20.0 | -35.2 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.3658 | 0.3522 | 0.1000 | 19.3 | 20.0 | -3.7 | 20.0 |
| Carbon tetrachloride | Ave | 0.3049 | 0.2924 | 0.1000 | 19.2 | 20.0 | -4.1 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.3797 | 0.3270 | | 17.2 | 20.0 | -13.9 | 20.0 |
| Isobutyl alcohol | Ave | 0.4882 | 0.4257 | | 436 | 500 | -12.8 | 50.0 |
| Isooctane | Ave | 0.8435 | 0.5267 | | 12.5 | 20.0 | -37.6* | 20.0 |
| Benzene | Ave | 1.584 | 1.457 | 0.5000 | 18.4 | 20.0 | -8.0 | 20.0 |
| Isopropyl acetate | Lin2 | | 0.0928 | | 17.7 | 20.0 | -11.4 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.1920 | 0.2036 | | 21.2 | 20.0 | 6.0 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3224 | 0.2891 | 0.1000 | 17.9 | 20.0 | -10.3 | 20.0 |
| n-Heptane | Ave | 0.2052 | 0.1305 | | 12.7 | 20.0 | -36.4* | 20.0 |
| n-Butanol | Lin2 | | 0.3015 | | 519 | 500 | 3.8 | 50.0 |
| Trichloroethene | Ave | 0.2747 | 0.2602 | 0.2000 | 18.9 | 20.0 | -5.3 | 20.0 |
| Ethyl acrylate | Lin2 | | 0.0312 | | 18.0 | 20.0 | -10.2 | 20.0 |
| Methylcyclohexane | Ave | 0.4222 | 0.3361 | 0.1000 | 15.9 | 20.0 | -20.4 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.3165 | 0.2692 | 0.1000 | 17.0 | 20.0 | -15.0 | 20.0 |
| Methyl methacrylate | Ave | 0.1513 | 0.1601 | | 42.3 | 40.0 | 5.9 | 20.0 |
| n-Propyl acetate | Ave | 0.3138 | 0.2453 | | 15.6 | 20.0 | -21.8* | 20.0 |
| 1,4-Dioxane | Ave | 1.090 | 1.101 | | 404 | 400 | 1.0 | 50.0 |
| Dibromomethane | Ave | 0.1520 | 0.1522 | | 20.0 | 20.0 | 0.1 | 20.0 |
| Dichlorobromomethane | Ave | 0.3434 | 0.3407 | 0.2000 | 19.8 | 20.0 | -0.8 | 20.0 |
| 2-Nitropropane | Ave | 0.0527 | 0.0403 | | 30.6 | 40.0 | -23.5* | 20.0 |
| Epichlorohydrin | Ave | 0.1613 | 0.2214 | | 549 | 400 | 37.2* | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.6122 | 0.6122 | 0.2000 | 20.0 | 20.0 | -0.0 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 1.878 | 2.154 | 0.0500 | 115 | 100 | 14.7 | 50.0 |
| Toluene | Ave | 1.602 | 1.539 | 0.4000 | 19.2 | 20.0 | -4.0 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.5075 | 0.5054 | 0.1000 | 19.9 | 20.0 | -0.4 | 50.0 |
| Ethyl methacrylate | Lin2 | | 0.2852 | | 19.6 | 20.0 | -1.9 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.2752 | 0.2802 | 0.1000 | 20.4 | 20.0 | 1.8 | 20.0 |
| Tetrachloroethene | Ave | 0.3268 | 0.3304 | 0.2000 | 20.2 | 20.0 | 1.1 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.5362 | 0.5348 | | 19.9 | 20.0 | -0.3 | 20.0 |
| 2-Hexanone | Ave | 0.7051 | 0.9399 | 0.0500 | 133 | 100 | 33.3 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020540/2  Calibration Date: 02/10/2025 20:33

Instrument ID: CVOAMS1  Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 10/22/2024 05:47

Lab File ID: A22175.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| n-Butyl acetate | Ave | 0.0703 | 0.0766 | | 21.8 | 20.0 | 8.9 | 20.0 |
| Chlorodibromomethane | Ave | 0.3031 | 0.3450 | 0.1000 | 22.8 | 20.0 | 13.8 | 50.0 |
| Ethylene Dibromide | Ave | 0.2767 | 0.3059 | 0.1000 | 22.1 | 20.0 | 10.5 | 20.0 |
| Chlorobenzene | Ave | 0.9248 | 0.9785 | 0.5000 | 21.2 | 20.0 | 5.8 | 20.0 |
| Ethylbenzene | Ave | 0.4847 | 0.5196 | 0.1000 | 21.4 | 20.0 | 7.2 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.2991 | 0.3344 | | 22.4 | 20.0 | 11.8 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.6024 | 0.6517 | 0.1000 | 21.6 | 20.0 | 8.2 | 20.0 |
| n-Butyl acrylate | Ave | 0.2088 | 0.2240 | | 21.5 | 20.0 | 7.3 | 20.0 |
| o-Xylene | Ave | 0.5756 | 0.6327 | 0.3000 | 22.0 | 20.0 | 9.9 | 20.0 |
| Styrene | Ave | 0.9651 | 1.036 | 0.3000 | 21.5 | 20.0 | 7.4 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 0.9446 | 0.8385 | | 17.8 | 20.0 | -11.2 | 20.0 |
| Bromoform | Ave | 0.1768 | 0.2052 | 0.1000 | 23.2 | 20.0 | 16.1 | 20.0 |
| Isopropylbenzene | Ave | 1.341 | 1.438 | 0.1000 | 21.4 | 20.0 | 7.2 | 20.0 |
| Bromobenzene | Ave | 0.7357 | 0.7590 | | 20.6 | 20.0 | 3.2 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7342 | 0.7581 | 0.3000 | 20.7 | 20.0 | 3.3 | 20.0 |
| N-Propylbenzene | Ave | 3.919 | 3.798 | | 19.4 | 20.0 | -3.1 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.1839 | 0.2096 | | 22.8 | 20.0 | 14.0 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2001 | 0.1809 | | 18.1 | 20.0 | -9.6 | 20.0 |
| 2-Chlorotoluene | Ave | 2.604 | 2.587 | | 19.9 | 20.0 | -0.6 | 20.0 |
| 4-Ethyltoluene | Ave | 2.966 | 3.148 | | 21.2 | 20.0 | 6.1 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.479 | 2.563 | | 20.7 | 20.0 | 3.4 | 20.0 |
| 4-Chlorotoluene | Ave | 2.365 | 2.348 | | 19.9 | 20.0 | -0.7 | 20.0 |
| Butyl Methacrylate | Ave | 0.7720 | 0.9421 | | 24.4 | 20.0 | 22.0* | 20.0 |
| tert-Butylbenzene | Ave | 2.062 | 2.085 | | 20.2 | 20.0 | 1.1 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.479 | 2.666 | | 21.5 | 20.0 | 7.6 | 20.0 |
| sec-Butylbenzene | Ave | 0.5991 | 0.6249 | | 20.9 | 20.0 | 4.3 | 20.0 |
| 4-Isopropyltoluene | Ave | 2.622 | 2.727 | | 20.8 | 20.0 | 4.0 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.373 | 1.499 | 0.6000 | 21.8 | 20.0 | 9.2 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.419 | 1.545 | 0.5000 | 21.8 | 20.0 | 8.9 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.599 | 2.778 | | 21.4 | 20.0 | 6.9 | 20.0 |
| Benzyl chloride | Ave | 1.171 | 1.425 | | 24.3 | 20.0 | 21.7 | 50.0 |
| Indan | Ave | 2.517 | 2.841 | | 22.6 | 20.0 | 12.9 | 20.0 |
| p-Diethylbenzene | Ave | 1.634 | 1.738 | | 21.3 | 20.0 | 6.4 | 20.0 |
| n-Butylbenzene | Ave | 1.484 | 1.502 | | 20.2 | 20.0 | 1.2 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.276 | 1.428 | 0.4000 | 22.4 | 20.0 | 11.9 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.255 | 2.519 | | 22.3 | 20.0 | 11.7 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1121 | 0.1340 | 0.0500 | 23.9 | 20.0 | 19.5 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9571 | 1.000 | | 20.9 | 20.0 | 4.5 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.8217 | 0.8912 | 0.2000 | 21.7 | 20.0 | 8.5 | 20.0 |
| Hexachlorobutadiene | Ave | 0.3566 | 0.3251 | | 18.2 | 20.0 | -8.8 | 20.0 |
| Naphthalene | Ave | 1.726 | 2.083 | | 24.1 | 20.0 | 20.7 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020540/2  Calibration Date: 02/10/2025 20:33

Instrument ID: CVOAMS1  Calib Start Date: 10/22/2024 03:15

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 10/22/2024 05:47

Lab File ID: A22175.D  Conc. Units: ug/L  Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | Ave | 0.7268 | 0.8141 | | 22.4 | 20.0 | 12.0 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2544 | 0.2411 | | 47.4 | 50.0 | -5.2 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2893 | 0.2365 | | 40.9 | 50.0 | -18.2 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.416 | 1.318 | | 46.5 | 50.0 | -7.0 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.3659 | 0.3898 | | 53.3 | 50.0 | 6.5 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22175.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 20:33:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS1
Sublist: chrom-8260624W_1*sub63

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 02:39:09 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1695

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:39:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.528 | 1.528 | 0.000 | 90 | 18649 | 20.0 | 15.4 | |
| 4 Dichlorodifluoromethane | 85 | 1.557 | 1.557 | 0.000 | 98 | 114249 | 20.0 | 18.9 | |
| 165 Chlorodifluoromethane | 51 | 1.575 | 1.575 | 0.000 | 78 | 135942 | 20.0 | 14.9 | |
| 6 Chloromethane | 50 | 1.740 | 1.740 | 0.000 | 99 | 115602 | 20.0 | 14.5 | |
| 7 Vinyl chloride | 62 | 1.810 | 1.810 | 0.000 | 97 | 98642 | 20.0 | 16.7 | |
| 172 Butadiene | 39 | 1.834 | 1.834 | 0.000 | 92 | 69018 | 20.0 | 12.2 | |
| 9 Bromomethane | 94 | 2.087 | 2.087 | 0.000 | 98 | 47987 | 20.0 | 18.2 | |
| 10 Chloroethane | 64 | 2.163 | 2.163 | 0.000 | 98 | 63241 | 20.0 | 17.6 | |
| 174 Dichlorofluoromethane | 67 | 2.316 | 2.316 | 0.000 | 98 | 169523 | 20.0 | 17.8 | |
| 12 Trichlorofluoromethane | 101 | 2.328 | 2.328 | 0.000 | 97 | 112395 | 20.0 | 18.8 | |
| 13 Pentane | 72 | 2.369 | 2.369 | 0.000 | 97 | 21762 | 40.0 | 26.1 | |
| 14 Ethanol | 46 | 2.493 | 2.493 | 0.000 | 96 | 14462 | 800.0 | 714.5 | |
| 15 Ethyl ether | 59 | 2.546 | 2.546 | 0.000 | 91 | 61202 | 20.0 | 14.8 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.569 | 2.569 | 0.000 | 92 | 59057 | 20.0 | 13.3 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.575 | 2.575 | 0.000 | 94 | 54845 | 20.0 | 17.5 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.622 | 2.622 | 0.000 | 96 | 102474 | 20.0 | 16.7 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.704 | 2.704 | 0.000 | 96 | 69991 | 20.0 | 18.6 | |
| 19 Acrolein | 56 | 2.716 | 2.716 | 0.000 | 93 | 17360 | 40.0 | 34.6 | |
| 21 1,1-Dichloroethene | 96 | 2.751 | 2.751 | 0.000 | 94 | 72404 | 20.0 | 17.5 | |
| 22 Acetone | 58 | 2.822 | 2.822 | 0.000 | 90 | 27211 | 100.0 | 109.5 | |
| 24 Isopropyl alcohol | 45 | 2.887 | 2.887 | 0.000 | 99 | 33472 | 200.0 | 177.5 | |
| 23 Iodomethane | 142 | 2.904 | 2.904 | 0.000 | 95 | 67428 | 20.0 | 14.5 | |
| 25 Carbon disulfide | 76 | 2.940 | 2.940 | 0.000 | 98 | 198260 | 20.0 | 12.0 | |
| 161 3-Chloro-1-propene | 76 | 3.046 | 3.046 | 0.000 | 92 | 51132 | 20.0 | 17.3 | |
| 27 Methyl acetate | 43 | 3.051 | 3.051 | 0.000 | 89 | 86711 | 40.0 | 32.4 | |
| 166 Cyclopentene | 67 | 3.069 | 3.069 | 0.000 | 91 | 147606 | 20.0 | 14.7 | |
| 29 Acetonitrile | 41 | 3.110 | 3.110 | 0.000 | 99 | 78571 | 200.0 | 140.7 | |
| * 30 TBA-d9 (IS) | 65 | 3.134 | 3.134 | 0.000 | 0 | 245626 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.169 | 3.169 | 0.000 | 88 | 88173 | 20.0 | 17.6 | |
| 32 2-Methyl-2-propanol | 59 | 3.198 | 3.198 | 0.000 | 99 | 58899 | 200.0 | 229.2 | |
| 33 Methyl tert-butyl ether | 73 | 3.316 | 3.316 | 0.000 | 96 | 205843 | 20.0 | 19.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 trans-1,2-Dichloroethene | 96 | 3.351 | 3.351 | 0.000 | 93 | 80256 | 20.0 | 18.2 | |
| 35 Acrylonitrile | 53 | 3.422 | 3.422 | 0.000 | 96 | 241435 | 200.0 | 171.7 | |
| 36 Hexane | 43 | 3.498 | 3.498 | 0.000 | 89 | 40271 | 20.0 | 9.16 | |
| 37 Isopropyl ether | 45 | 3.693 | 3.693 | 0.000 | 97 | 228083 | 20.0 | 15.1 | |
| 39 Vinyl acetate | 86 | 3.745 | 3.745 | 0.000 | 99 | 34176 | 40.0 | 46.4 | |
| 38 1,1-Dichloroethane | 63 | 3.745 | 3.745 | 0.000 | 69 | 151199 | 20.0 | 17.6 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.793 | 3.793 | 0.000 | 88 | 72565 | 20.0 | 18.1 | |
| 41 Tert-butyl ethyl ether | 59 | 4.010 | 4.010 | 0.000 | 90 | 226958 | 20.0 | 17.5 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 289407 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.245 | 4.245 | 0.000 | 90 | 28147 | 20.0 | 19.8 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.269 | 4.269 | 0.000 | 96 | 97851 | 20.0 | 20.1 | |
| 46 Ethyl acetate | 70 | 4.269 | 4.269 | 0.000 | 92 | 12773 | 40.0 | 42.9 | |
| 45 2-Butanone (MEK) | 72 | 4.281 | 4.281 | 0.000 | 97 | 36943 | 100.0 | 130.7 | |
| 47 Methyl acrylate | 55 | 4.334 | 4.334 | 0.000 | 99 | 58402 | 20.0 | 18.2 | |
| 48 Propionitrile | 54 | 4.422 | 4.422 | 0.000 | 98 | 91480 | 200.0 | 185.6 | |
| 50 Chlorobromomethane | 128 | 4.504 | 4.504 | 0.000 | 87 | 42496 | 20.0 | 21.6 | |
| 49 Tetrahydrofuran | 42 | 4.516 | 4.516 | 0.000 | 61 | 43786 | 40.0 | 41.8 | |
| 51 Methacrylonitrile | 67 | 4.528 | 4.528 | 0.000 | 86 | 313616 | 200.0 | 205.4 | |
| 52 Chloroform | 83 | 4.545 | 4.545 | 0.000 | 99 | 144234 | 20.0 | 19.2 | |
| 53 Cyclohexane | 56 | 4.698 | 4.698 | 0.000 | 85 | 104404 | 20.0 | 13.0 | |
| 54 1,1,1-Trichloroethane | 97 | 4.704 | 4.704 | 0.000 | 74 | 112824 | 20.0 | 19.3 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.716 | 4.716 | 0.000 | 96 | 193072 | 50.0 | 47.4 | |
| 56 Carbon tetrachloride | 117 | 4.840 | 4.840 | 0.000 | 97 | 93675 | 20.0 | 19.2 | |
| 57 1,1-Dichloropropene | 75 | 4.869 | 4.869 | 0.000 | 98 | 104747 | 20.0 | 17.2 | |
| 58 Isobutyl alcohol | 43 | 4.963 | 4.963 | 0.000 | 96 | 52276 | 500.0 | 436.0 | |
| 59 Isooctane | 57 | 5.034 | 5.034 | 0.000 | 66 | 168735 | 20.0 | 12.5 | |
| 60 Benzene | 78 | 5.081 | 5.081 | 0.000 | 95 | 338752 | 20.0 | 18.4 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.098 | 5.098 | 0.000 | 0 | 189438 | 50.0 | 40.9 | |
| 62 Isopropyl acetate | 61 | 5.116 | 5.116 | 0.000 | 95 | 29713 | 20.0 | 17.7 | |
| 63 Tert-amyl methyl ether | 87 | 5.128 | 5.128 | 0.000 | 97 | 65230 | 20.0 | 21.2 | |
| 64 1,2-Dichloroethane | 62 | 5.175 | 5.175 | 0.000 | 96 | 92601 | 20.0 | 17.9 | |
| 65 n-Heptane | 71 | 5.222 | 5.222 | 0.000 | 86 | 41811 | 20.0 | 12.7 | |
| * 66 Fluorobenzene | 96 | 5.387 | 5.387 | 0.000 | 99 | 800845 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.687 | 5.687 | 0.000 | 83 | 37024 | 500.0 | 518.8 | |
| 68 Trichloroethene | 95 | 5.769 | 5.769 | 0.000 | 98 | 83346 | 20.0 | 18.9 | |
| 69 Ethyl acrylate | 99 | 5.892 | 5.892 | 0.000 | 98 | 10000 | 20.0 | 18.0 | |
| 70 Methylcyclohexane | 83 | 5.910 | 5.910 | 0.000 | 87 | 107676 | 20.0 | 15.9 | |
| 71 1,2-Dichloropropane | 63 | 6.092 | 6.092 | 0.000 | 93 | 86231 | 20.0 | 17.0 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.157 | 6.157 | 0.000 | 0 | 35884 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.157 | 6.163 | -0.006 | 80 | 102589 | 40.0 | 42.3 | |
| 74 n-Propyl acetate | 43 | 6.216 | 6.216 | 0.000 | 96 | 78573 | 20.0 | 15.6 | |
| 75 1,4-Dioxane | 88 | 6.222 | 6.222 | 0.000 | 28 | 15805 | 400.0 | 404.0 | |
| 76 Dibromomethane | 93 | 6.234 | 6.234 | 0.000 | 93 | 48760 | 20.0 | 20.0 | |
| 77 Dichlorobromomethane | 83 | 6.392 | 6.392 | 0.000 | 99 | 109130 | 20.0 | 19.8 | |
| 79 2-Nitropropane | 41 | 6.781 | 6.781 | 0.000 | 97 | 25834 | 40.0 | 30.6 | |
| 80 Epichlorohydrin | 57 | 6.898 | 6.898 | 0.000 | 99 | 102518 | 400.0 | 548.9 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.957 | 6.957 | 0.000 | 88 | 142382 | 20.0 | 20.0 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.145 | 7.145 | 0.000 | 93 | 249389 | 100.0 | 114.7 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.245 | 7.245 | 0.000 | 100 | 766145 | 50.0 | 46.5 | |
| 84 Toluene | 91 | 7.333 | 7.333 | 0.000 | 92 | 357924 | 20.0 | 19.2 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.733 | 7.733 | 0.000 | 96 | 117549 | 20.0 | 19.9 | |
| 85 Ethyl methacrylate | 69 | 7.763 | 7.763 | 0.000 | 84 | 91357 | 20.0 | 19.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 1,1,2-Trichloroethane | 83 | 8.004 | 8.004 | 0.000 | 96 | 65159 | 20.0 | 20.4 | |
| 88 Tetrachloroethene | 166 | 8.057 | 8.057 | 0.000 | 96 | 76838 | 20.0 | 20.2 | |
| 89 1,3-Dichloropropane | 76 | 8.275 | 8.275 | 0.000 | 88 | 124377 | 20.0 | 19.9 | |
| 90 2-Hexanone | 58 | 8.363 | 8.357 | 0.006 | 94 | 108802 | 100.0 | 133.3 | |
| 91 n-Butyl acetate | 73 | 8.516 | 8.516 | 0.000 | 97 | 17812 | 20.0 | 21.8 | |
| 92 Chlorodibromomethane | 129 | 8.580 | 8.580 | 0.000 | 98 | 80237 | 20.0 | 22.8 | |
| 93 Ethylene Dibromide | 107 | 8.780 | 8.780 | 0.000 | 96 | 71139 | 20.0 | 22.1 | |
| * 94 Chlorobenzene-d5 | 117 | 9.327 | 9.327 | 0.000 | 84 | 581436 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.357 | 9.357 | 0.000 | 96 | 227571 | 20.0 | 21.2 | |
| 96 Ethylbenzene | 106 | 9.445 | 9.445 | 0.000 | 98 | 120837 | 20.0 | 21.4 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.457 | 9.457 | 0.000 | 98 | 77784 | 20.0 | 22.4 | |
| 98 m-Xylene & p-Xylene | 106 | 9.574 | 9.574 | 0.000 | 0 | 151563 | 20.0 | 21.6 | |
| 99 n-Butyl acrylate | 73 | 9.939 | 9.939 | 0.000 | 98 | 52093 | 20.0 | 21.5 | |
| 100 o-Xylene | 106 | 9.957 | 9.957 | 0.000 | 93 | 147151 | 20.0 | 22.0 | |
| 101 Styrene | 104 | 9.980 | 9.980 | 0.000 | 99 | 240980 | 20.0 | 21.5 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.139 | 10.139 | 0.000 | 93 | 98669 | 20.0 | 17.8 | |
| 103 Bromoform | 173 | 10.163 | 10.163 | 0.000 | 96 | 47732 | 20.0 | 23.2 | |
| 104 Isopropylbenzene | 105 | 10.257 | 10.257 | 0.000 | 95 | 334470 | 20.0 | 21.4 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.422 | 10.422 | 0.000 | 88 | 226621 | 50.0 | 53.3 | |
| 107 Bromobenzene | 156 | 10.527 | 10.527 | 0.000 | 99 | 89308 | 20.0 | 20.6 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.557 | 10.557 | 0.000 | 99 | 89205 | 20.0 | 20.7 | |
| 108 N-Propylbenzene | 91 | 10.580 | 10.580 | 0.000 | 99 | 446950 | 20.0 | 19.4 | |
| 110 1,2,3-Trichloropropane | 110 | 10.598 | 10.598 | 0.000 | 96 | 24666 | 20.0 | 22.8 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.610 | 10.610 | 0.000 | 89 | 21287 | 20.0 | 18.1 | |
| 112 2-Chlorotoluene | 91 | 10.663 | 10.663 | 0.000 | 93 | 304457 | 20.0 | 19.9 | |
| 169 4-Ethyltoluene | 105 | 10.663 | 10.663 | 0.000 | 89 | 370415 | 20.0 | 21.2 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.710 | 10.710 | 0.000 | 94 | 301620 | 20.0 | 20.7 | |
| 115 4-Chlorotoluene | 91 | 10.751 | 10.751 | 0.000 | 97 | 276329 | 20.0 | 19.9 | |
| 114 Butyl Methacrylate | 87 | 10.780 | 10.780 | 0.000 | 84 | 110859 | 20.0 | 24.4 | |
| 116 tert-Butylbenzene | 119 | 10.933 | 10.933 | 0.000 | 94 | 245386 | 20.0 | 20.2 | |
| 117 1,2,4-Trimethylbenzene | 105 | 10.974 | 10.974 | 0.000 | 97 | 313753 | 20.0 | 21.5 | |
| 118 sec-Butylbenzene | 134 | 11.074 | 11.074 | 0.000 | 99 | 73537 | 20.0 | 20.9 | |
| 119 4-Isopropyltoluene | 119 | 11.169 | 11.169 | 0.000 | 98 | 320840 | 20.0 | 20.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.180 | 11.180 | 0.000 | 96 | 176439 | 20.0 | 21.8 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.227 | 11.227 | 0.000 | 95 | 294173 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.245 | 11.245 | 0.000 | 95 | 181841 | 20.0 | 21.8 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.257 | 11.257 | 0.000 | 98 | 326871 | 20.0 | 21.4 | |
| 124 Benzyl chloride | 91 | 11.345 | 11.345 | 0.000 | 99 | 167724 | 20.0 | 24.3 | |
| 162 2,3-Dihydroindene | 117 | 11.392 | 11.392 | 0.000 | 95 | 334278 | 20.0 | 22.6 | |
| 164 p-Diethylbenzene | 119 | 11.421 | 11.421 | 0.000 | 93 | 204511 | 20.0 | 21.3 | |
| 127 n-Butylbenzene | 92 | 11.439 | 11.439 | 0.000 | 97 | 176710 | 20.0 | 20.2 | |
| 128 1,2-Dichlorobenzene | 146 | 11.504 | 11.504 | 0.000 | 96 | 168021 | 20.0 | 22.4 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 11.974 | 11.974 | 0.000 | 97 | 296456 | 20.0 | 22.3 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.074 | 12.074 | 0.000 | 95 | 15767 | 20.0 | 23.9 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.180 | 12.180 | 0.000 | 97 | 117649 | 20.0 | 20.9 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.715 | 12.715 | 0.000 | 92 | 104865 | 20.0 | 21.7 | |
| 133 Hexachlorobutadiene | 225 | 12.804 | 12.804 | 0.000 | 89 | 38251 | 20.0 | 18.2 | |
| 134 Naphthalene | 128 | 12.957 | 12.957 | 0.000 | 99 | 245053 | 20.0 | 24.1 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.186 | 13.186 | 0.000 | 95 | 95789 | 20.0 | 22.4 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.3 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.6 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00200 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 4.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 20.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 02:39:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22175.D

Injection Date: 10-Feb-2025 20:33:30 Instrument ID: CVOAMS1 Operator ID:

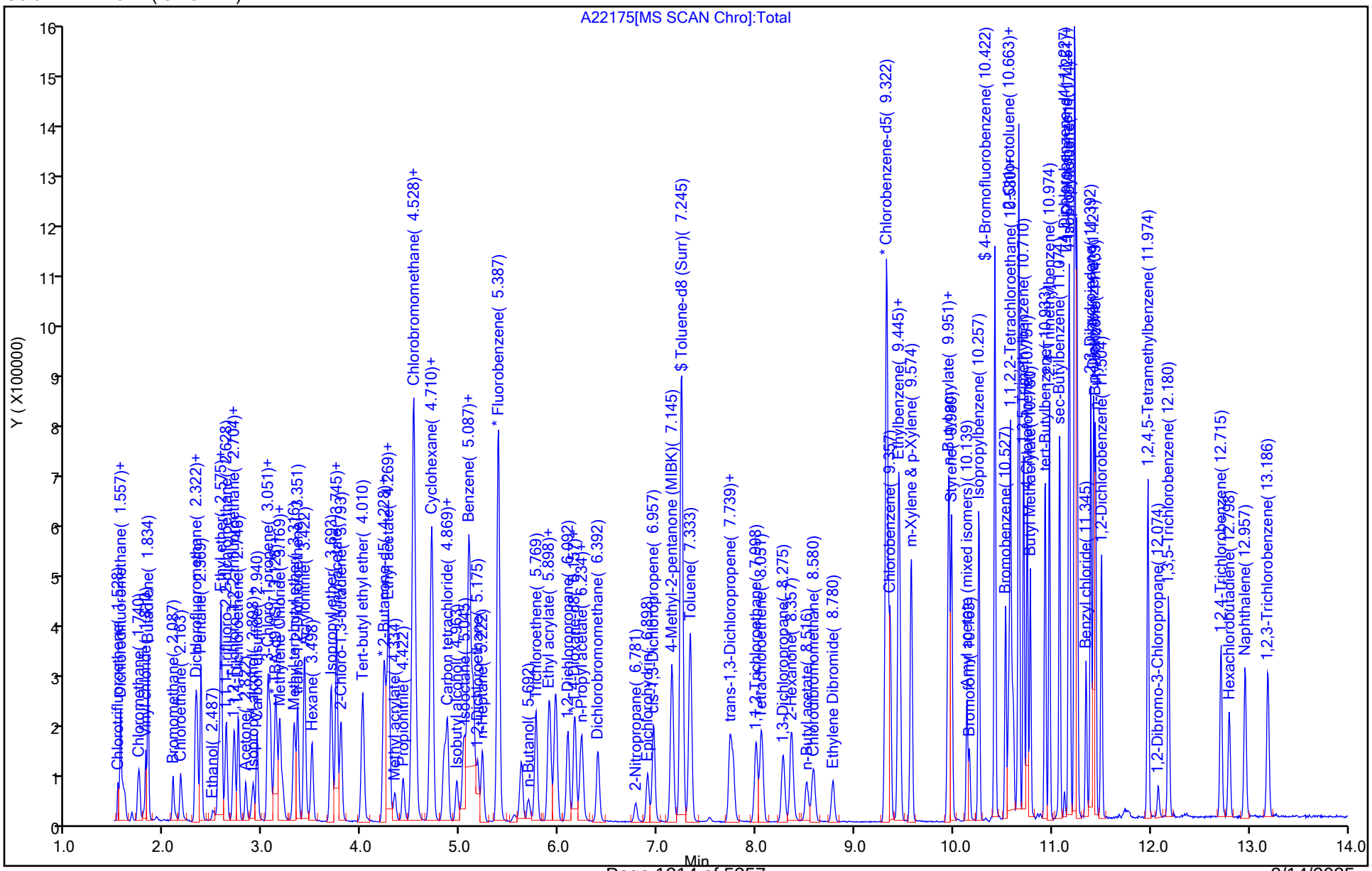
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1016958/15 Calibration Date: 01/17/2025 11:45

Instrument ID: CVOAMS2 Calib Start Date: 01/17/2025 06:46

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 01/17/2025 08:51

Lab File ID: B19240.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 0.5119 | 0.3562 | 0.1000 | 13.9 | 20.0 | -30.4* | 30.0 |
| Chlorodifluoromethane | Lin2 | | 0.0634 | | 15.5 | 20.0 | -22.3 | 30.0 |
| Chloromethane | Ave | 0.5821 | 0.4477 | 0.1000 | 15.4 | 20.0 | -23.1 | 30.0 |
| Vinyl chloride | Ave | 0.4341 | 0.3912 | 0.1000 | 18.0 | 20.0 | -9.9 | 30.0 |
| Butadiene | Ave | 0.4524 | 0.3844 | | 17.0 | 20.0 | -15.0 | 30.0 |
| Bromomethane | Ave | 0.2805 | 0.2662 | 0.1000 | 19.0 | 20.0 | -5.1 | 30.0 |
| Chloroethane | Ave | 0.2693 | 0.2616 | 0.1000 | 19.4 | 20.0 | -2.9 | 30.0 |
| Dichlorofluoromethane | Ave | 0.7951 | 0.7761 | | 19.5 | 20.0 | -2.4 | 30.0 |
| Pentane | Ave | 0.6136 | 0.4839 | | 31.5 | 40.0 | -21.1 | 30.0 |
| Trichlorofluoromethane | Ave | 0.5454 | 0.5080 | 0.1000 | 18.6 | 20.0 | -6.8 | 30.0 |
| Ethanol | Ave | 0.0281 | 0.0311 | | 887 | 800 | 10.9 | 30.0 |
| Ethyl ether | Lin2 | | 0.3032 | | 20.3 | 20.0 | 1.5 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.3711 | 0.2789 | | 15.0 | 20.0 | -24.9 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2458 | 0.2005 | | 16.3 | 20.0 | -18.4 | 30.0 |
| Acrolein | Ave | 1.415 | 0.8580 | | 180 | 296 | -39.3* | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4512 | 0.3661 | | 16.2 | 20.0 | -18.9 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.2379 | 0.2235 | 0.1000 | 18.8 | 20.0 | -6.1 | 30.0 |
| Acetone | Ave | 0.6276 | 0.5755 | 0.0500 | 91.7 | 100 | -8.3 | 30.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2437 | 0.2371 | 0.1000 | 19.5 | 20.0 | -2.7 | 30.0 |
| Iodomethane | Ave | 0.3579 | 0.3559 | | 19.9 | 20.0 | -0.5 | 30.0 |
| Carbon disulfide | Ave | 0.9935 | 0.9373 | 0.1000 | 18.9 | 20.0 | -5.7 | 30.0 |
| Isopropyl alcohol | Ave | 0.5717 | 0.5102 | | 179 | 200 | -10.7 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.3552 | 0.3572 | | 20.1 | 20.0 | 0.5 | 30.0 |
| Acetonitrile | Ave | 0.3468 | 0.3464 | | 200 | 200 | -0.1 | 30.0 |
| Methyl acetate | Ave | 0.2210 | 0.2271 | 0.0500 | 41.1 | 40.0 | 2.7 | 30.0 |
| Methylene Chloride | Ave | 0.3171 | 0.3071 | 0.1000 | 19.4 | 20.0 | -3.1 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.025 | 1.033 | | 202 | 200 | 0.8 | 30.0 |
| Acrylonitrile | Ave | 2.859 | 2.498 | | 175 | 200 | -12.6 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.2657 | 0.2484 | 0.1000 | 18.7 | 20.0 | -6.5 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.9015 | 0.8715 | 0.1000 | 19.3 | 20.0 | -3.3 | 30.0 |
| Hexane | Ave | 0.3835 | 0.3770 | | 19.7 | 20.0 | -1.7 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.5181 | 0.5217 | 0.2000 | 20.1 | 20.0 | 0.7 | 30.0 |
| Vinyl acetate | Ave | 0.3458 | 0.3072 | | 35.5 | 40.0 | -11.1 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2431 | 0.2207 | | 18.2 | 20.0 | -9.2 | 30.0 |
| Isopropyl ether | Ave | 0.9650 | 0.9071 | | 18.8 | 20.0 | -6.0 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.3528 | 0.3264 | | 18.5 | 20.0 | -7.5 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 0.2926 | 0.2825 | 0.1000 | 19.3 | 20.0 | -3.5 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1410 | 0.1224 | | 17.4 | 20.0 | -13.2 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.2392 | 0.2187 | 0.0500 | 91.5 | 100 | -8.5 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1016958/15  Calibration Date: 01/17/2025 11:45

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B19240.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Ethyl acetate | Ave | 2.455 | 2.116 | | 34.5 | 40.0 | -13.8 | 30.0 |
| Propionitrile | Ave | 0.3114 | 0.2772 | | 178 | 200 | -11.0 | 30.0 |
| Methyl acrylate | Ave | 0.3474 | 0.3205 | | 18.5 | 20.0 | -7.7 | 30.0 |
| Chlorobromomethane | Ave | 0.1391 | 0.1279 | | 18.4 | 20.0 | -8.0 | 30.0 |
| Methacrylonitrile | Ave | 0.1295 | 0.1161 | | 179 | 200 | -10.4 | 30.0 |
| Tetrahydrofuran | Ave | 0.8861 | 0.7412 | | 33.5 | 40.0 | -16.3 | 30.0 |
| Chloroform | Ave | 0.4881 | 0.4584 | 0.2000 | 18.8 | 20.0 | -6.1 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.3883 | 0.3621 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Cyclohexane | Ave | 0.3976 | 0.3958 | 0.1000 | 19.9 | 20.0 | -0.5 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.3545 | 0.3337 | | 18.8 | 20.0 | -5.9 | 30.0 |
| Carbon tetrachloride | Ave | 0.3044 | 0.2741 | 0.1000 | 18.0 | 20.0 | -10.0 | 30.0 |
| Benzene | Ave | 1.662 | 1.516 | 0.5000 | 18.3 | 20.0 | -8.7 | 30.0 |
| Isobutyl alcohol | Ave | 0.2129 | 0.1858 | | 436 | 500 | -12.7 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3826 | 0.3653 | 0.1000 | 19.1 | 20.0 | -4.5 | 30.0 |
| Isooctane | Ave | 1.165 | 1.069 | | 18.4 | 20.0 | -8.2 | 30.0 |
| Isopropyl acetate | Ave | 0.1151 | 0.1068 | | 18.6 | 20.0 | -7.2 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.9791 | 0.8663 | | 17.7 | 20.0 | -11.5 | 30.0 |
| n-Heptane | Ave | 0.3778 | 0.3806 | | 20.1 | 20.0 | 0.7 | 30.0 |
| Trichloroethene | Ave | 0.2417 | 0.2277 | 0.2000 | 18.8 | 20.0 | -5.8 | 30.0 |
| n-Butanol | Ave | 0.1093 | 0.1014 | | 464 | 500 | -7.2 | 30.0 |
| Ethyl acrylate | Ave | 0.7315 | 0.6822 | | 18.7 | 20.0 | -6.7 | 30.0 |
| Methylcyclohexane | Ave | 0.4667 | 0.4398 | 0.1000 | 18.8 | 20.0 | -5.8 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2903 | 0.2802 | 0.1000 | 19.3 | 20.0 | -3.5 | 30.0 |
| Dibromomethane | Ave | 0.1742 | 0.1604 | | 18.4 | 20.0 | -7.9 | 30.0 |
| 1,4-Dioxane | Ave | 1.084 | 1.133 | | 418 | 400 | 4.5 | 30.0 |
| Methyl methacrylate | Ave | 0.0624 | 0.0548 | | 35.1 | 40.0 | -12.2 | 30.0 |
| n-Propyl acetate | Ave | 0.3969 | 0.3694 | | 18.6 | 20.0 | -6.9 | 30.0 |
| Dichlorobromomethane | Ave | 0.3300 | 0.3003 | 0.2000 | 18.2 | 20.0 | -9.0 | 30.0 |
| 2-Nitropropane | Ave | 0.0704 | 0.0627 | | 35.6 | 40.0 | -10.9 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1747 | 0.1349 | | 15.4 | 20.0 | -22.8 | 30.0 |
| Epichlorohydrin | Ave | 0.2090 | 0.2706 | | 25.9 | 20.0 | 29.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.6474 | 0.5490 | 0.2000 | 17.0 | 20.0 | -15.2 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.136 | 1.903 | 0.0500 | 89.1 | 100 | -10.9 | 30.0 |
| Toluene | Ave | 1.586 | 1.395 | 0.4000 | 17.6 | 20.0 | -12.0 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5547 | 0.5067 | 0.1000 | 18.3 | 20.0 | -8.7 | 30.0 |
| Ethyl methacrylate | Ave | 0.3635 | 0.3171 | | 17.4 | 20.0 | -12.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3009 | 0.2837 | 0.1000 | 18.9 | 20.0 | -5.7 | 30.0 |
| Tetrachloroethene | Ave | 0.2933 | 0.2666 | 0.2000 | 18.2 | 20.0 | -9.1 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.5771 | 0.5462 | | 18.9 | 20.0 | -5.4 | 30.0 |
| 2-Hexanone | Ave | 1.364 | 1.235 | 0.0500 | 90.5 | 100 | -9.5 | 30.0 |
| Chlorodibromomethane | Ave | 0.3180 | 0.2730 | 0.1000 | 17.2 | 20.0 | -14.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1016958/15  Calibration Date: 01/17/2025 11:45

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B19240.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Ethylene Dibromide | Ave | 0.3063 | 0.2746 | 0.1000 | 17.9 | 20.0 | -10.4 | 30.0 |
| n-Butyl acetate | Ave | 0.7027 | 0.6253 | | 17.8 | 20.0 | -11.0 | 30.0 |
| Chlorobenzene | Ave | 0.9037 | 0.8321 | 0.5000 | 18.4 | 20.0 | -7.9 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3379 | 0.3026 | | 17.9 | 20.0 | -10.4 | 30.0 |
| Ethylbenzene | Ave | 0.5043 | 0.4634 | 0.1000 | 18.4 | 20.0 | -8.1 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.6235 | 0.5518 | 0.1000 | 17.7 | 20.0 | -11.5 | 30.0 |
| o-Xylene | Ave | 0.6549 | 0.5759 | 0.3000 | 17.6 | 20.0 | -12.1 | 30.0 |
| Styrene | Ave | 1.048 | 0.9295 | 0.3000 | 17.7 | 20.0 | -11.3 | 30.0 |
| n-Butyl acrylate | Ave | 0.3340 | 0.3023 | | 18.1 | 20.0 | -9.5 | 30.0 |
| Bromoform | Ave | 0.1908 | 0.1588 | 0.1000 | 16.6 | 20.0 | -16.8 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.439 | 1.380 | | 19.2 | 20.0 | -4.1 | 30.0 |
| (-)-a-Pinene | Qua2 | | 0.6355 | | 17.3 | 20.0 | -13.7 | 30.0 |
| Isopropylbenzene | Ave | 1.617 | 1.551 | 0.1000 | 19.2 | 20.0 | -4.1 | 30.0 |
| Bromobenzene | Ave | 0.6271 | 0.5907 | | 18.8 | 20.0 | -5.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9062 | 0.8596 | 0.3000 | 19.0 | 20.0 | -5.1 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2253 | 0.2172 | | 19.3 | 20.0 | -3.6 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2565 | 0.2514 | | 19.6 | 20.0 | -2.0 | 30.0 |
| N-Propylbenzene | Ave | 0.7406 | 0.6957 | | 18.8 | 20.0 | -6.1 | 30.0 |
| 2-Chlorotoluene | Ave | 0.6482 | 0.6028 | | 18.6 | 20.0 | -7.0 | 30.0 |
| 4-Ethyltoluene | Ave | 2.811 | 2.477 | | 17.6 | 20.0 | -11.9 | 30.0 |
| 4-Chlorotoluene | Ave | 2.487 | 2.231 | | 17.9 | 20.0 | -10.3 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.523 | 2.298 | | 18.2 | 20.0 | -8.9 | 30.0 |
| Butyl Methacrylate | Ave | 0.9579 | 0.8804 | | 18.4 | 20.0 | -8.1 | 30.0 |
| tert-Butylbenzene | Ave | 1.989 | 1.755 | | 17.6 | 20.0 | -11.8 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.599 | 2.379 | | 18.3 | 20.0 | -8.5 | 30.0 |
| sec-Butylbenzene | Ave | 3.190 | 2.998 | | 18.8 | 20.0 | -6.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.248 | 1.152 | 0.6000 | 18.5 | 20.0 | -7.7 | 30.0 |
| 4-Isopropyltoluene | Ave | 2.843 | 2.470 | | 17.4 | 20.0 | -13.1 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.333 | 1.205 | 0.5000 | 18.1 | 20.0 | -9.6 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.769 | 2.495 | | 18.0 | 20.0 | -9.9 | 30.0 |
| Benzyl chloride | Ave | 0.2812 | 0.2348 | | 16.7 | 20.0 | -16.5 | 30.0 |
| Indan | Ave | 0.9407 | 0.8084 | | 17.2 | 20.0 | -14.1 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.354 | 1.217 | 0.4000 | 18.0 | 20.0 | -10.1 | 30.0 |
| p-Diethylbenzene | Ave | 1.738 | 1.489 | | 17.1 | 20.0 | -14.3 | 30.0 |
| n-Butylbenzene | Ave | 1.615 | 1.465 | | 18.1 | 20.0 | -9.3 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.679 | 2.381 | | 17.8 | 20.0 | -11.1 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1754 | 0.1533 | 0.0500 | 17.5 | 20.0 | -12.6 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9676 | 0.8656 | | 17.9 | 20.0 | -10.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9259 | 0.9199 | 0.2000 | 19.9 | 20.0 | -0.7 | 30.0 |
| Hexachlorobutadiene | Lin2 | | 0.3705 | | 17.7 | 20.0 | -11.4 | 30.0 |
| Naphthalene | Ave | 2.811 | 2.785 | | 19.8 | 20.0 | -0.9 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1016958/15  Calibration Date: 01/17/2025 11:45

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B19240.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | Ave | 0.9097 | 0.8971 | | 19.7 | 20.0 | -1.4 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2712 | 0.2819 | | 52.0 | 50.0 | 4.0 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3321 | 0.3548 | | 53.4 | 50.0 | 6.9 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.540 | 1.576 | | 51.2 | 50.0 | 2.4 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.6439 | 0.6835 | | 53.1 | 50.0 | 6.1 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jan-2025 11:45:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0185886-015
Operator ID: Instrument ID: CVOAMS2
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:13:25 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: NN6A Date: 17-Jan-2025 16:13:50

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.959 | 0.965 | -0.006 | 60 | 78837 | 20.0 | 13.9 | |
| 2 Chlorodifluoromethane | 67 | 0.971 | 0.971 | 0.000 | 95 | 14036 | 20.0 | 15.5 | |
| 3 Chloromethane | 50 | 1.081 | 1.087 | -0.006 | 98 | 99105 | 20.0 | 15.4 | |
| 4 Vinyl chloride | 62 | 1.136 | 1.142 | -0.006 | 98 | 86600 | 20.0 | 18.0 | |
| 5 Butadiene | 54 | 1.160 | 1.172 | -0.012 | 96 | 85089 | 20.0 | 17.0 | |
| 6 Bromomethane | 94 | 1.343 | 1.349 | -0.006 | 98 | 58933 | 20.0 | 19.0 | |
| 7 Chloroethane | 64 | 1.361 | 1.374 | -0.013 | 99 | 57915 | 20.0 | 19.4 | |
| 9 Dichlorofluoromethane | 67 | 1.532 | 1.532 | 0.000 | 85 | 171789 | 20.0 | 19.5 | |
| 8 Pentane | 43 | 1.532 | 1.538 | -0.006 | 94 | 214241 | 40.0 | 31.5 | |
| 10 Trichlorofluoromethane | 101 | 1.550 | 1.563 | -0.013 | 94 | 112459 | 20.0 | 18.6 | |
| 12 Ethanol | 46 | 1.654 | 1.666 | -0.012 | 87 | 12972 | 800.0 | 887.1 | |
| 11 Ethyl ether | 59 | 1.672 | 1.678 | -0.006 | 94 | 67104 | 20.0 | 20.3 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.684 | 1.691 | -0.007 | 97 | 61733 | 20.0 | 15.0 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.727 | 1.727 | 0.000 | 77 | 44373 | 20.0 | 16.3 | a |
| 16 Acrolein | 56 | 1.758 | 1.764 | -0.006 | 96 | 132445 | 296.3 | 179.7 | M |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.764 | 1.776 | -0.012 | 76 | 81041 | 20.0 | 16.2 | a |
| 17 1,1-Dichloroethene | 96 | 1.825 | 1.819 | 0.006 | 91 | 49471 | 20.0 | 18.8 | |
| 19 Acetone | 43 | 1.867 | 1.867 | 0.000 | 86 | 100244 | 100.0 | 91.7 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.873 | 1.867 | 0.006 | 74 | 52482 | 20.0 | 19.5 | |
| 20 Iodomethane | 142 | 1.941 | 1.941 | 0.000 | 99 | 78784 | 20.0 | 19.9 | |
| 21 Carbon disulfide | 76 | 1.959 | 1.965 | -0.006 | 100 | 207479 | 20.0 | 18.9 | a |
| 22 Isopropyl alcohol | 45 | 1.995 | 1.995 | 0.000 | 46 | 53169 | 200.0 | 178.5 | |
| 24 3-Chloro-1-propene | 39 | 2.062 | 2.069 | -0.007 | 91 | 79064 | 20.0 | 20.1 | |
| 23 Acetonitrile | 40 | 2.062 | 2.075 | -0.013 | 77 | 36101 | 200.0 | 199.8 | M |
| 25 Methyl acetate | 43 | 2.087 | 2.093 | -0.006 | 99 | 100520 | 40.0 | 41.1 | |
| 27 Methylene Chloride | 84 | 2.148 | 2.160 | -0.012 | 97 | 67978 | 20.0 | 19.4 | |
| * 28 TBA-d9 (IS) | 65 | 2.227 | 2.248 | -0.021 | 0 | 521048 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.270 | 2.288 | -0.018 | 91 | 107693 | 200.0 | 201.6 | |
| 29 Acrylonitrile | 53 | 2.331 | 2.337 | -0.006 | 93 | 260305 | 200.0 | 174.8 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.343 | 2.349 | -0.006 | 97 | 54985 | 20.0 | 18.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.373 | 2.373 | 0.000 | 97 | 192901 | 20.0 | 19.3 | |
| 32 Hexane | 57 | 2.556 | 2.562 | -0.006 | 94 | 83440 | 20.0 | 19.7 | |
| 33 1,1-Dichloroethane | 63 | 2.666 | 2.666 | 0.000 | 100 | 115474 | 20.0 | 20.1 | |
| 34 Vinyl acetate | 86 | 2.721 | 2.727 | -0.006 | 100 | 21407 | 40.0 | 35.5 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.739 | 2.733 | 0.006 | 90 | 48855 | 20.0 | 18.2 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.757 | -0.006 | 86 | 200801 | 20.0 | 18.8 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 89 | 72256 | 20.0 | 18.5 | |
| * 38 2-Butanone-d5 | 46 | 3.123 | 3.090 | 0.033 | 0 | 435465 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.142 | 3.148 | -0.006 | 91 | 62527 | 20.0 | 19.3 | |
| 40 2,2-Dichloropropane | 79 | 3.160 | 3.160 | 0.000 | 70 | 27096 | 20.0 | 17.4 | a |
| 41 2-Butanone (MEK) | 72 | 3.178 | 3.172 | 0.006 | 99 | 38102 | 100.0 | 91.5 | |
| 42 Propionitrile | 54 | 3.221 | 3.221 | 0.000 | 77 | 96586 | 200.0 | 178.1 | |
| 43 Ethyl acetate | 43 | 3.215 | 3.245 | -0.030 | 99 | 147432 | 40.0 | 34.5 | M |
| 44 Methyl acrylate | 55 | 3.263 | 3.263 | 0.000 | 98 | 70946 | 20.0 | 18.5 | a |
| 45 Chlorobromomethane | 128 | 3.349 | 3.349 | 0.000 | 72 | 28317 | 20.0 | 18.4 | |
| 46 Methacrylonitrile | 67 | 3.349 | 3.355 | -0.006 | 91 | 257031 | 200.0 | 179.3 | |
| 47 Tetrahydrofuran | 42 | 3.410 | 3.410 | 0.000 | 78 | 51645 | 40.0 | 33.5 | |
| 48 Chloroform | 83 | 3.434 | 3.440 | -0.006 | 98 | 101477 | 20.0 | 18.8 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.580 | 3.580 | 0.000 | 94 | 156005 | 50.0 | 52.0 | |
| 50 1,1,1-Trichloroethane | 97 | 3.599 | 3.599 | 0.000 | 97 | 80163 | 20.0 | 18.7 | |
| 51 Cyclohexane | 84 | 3.648 | 3.660 | -0.012 | 94 | 87608 | 20.0 | 19.9 | |
| 52 1,1-Dichloropropene | 75 | 3.745 | 3.745 | 0.000 | 95 | 73860 | 20.0 | 18.8 | |
| 53 Carbon tetrachloride | 117 | 3.751 | 3.751 | 0.000 | 98 | 60681 | 20.0 | 18.0 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.885 | 3.891 | -0.006 | 0 | 196343 | 50.0 | 53.4 | |
| 55 Benzene | 78 | 3.940 | 3.940 | 0.000 | 97 | 213270 | 20.0 | 18.3 | |
| 56 Isobutyl alcohol | 42 | 3.940 | 3.946 | -0.006 | 45 | 48414 | 500.0 | 436.4 | |
| 57 1,2-Dichloroethane | 62 | 3.958 | 3.965 | -0.007 | 96 | 80857 | 20.0 | 19.1 | |
| 58 Isooctane | 57 | 4.056 | 4.056 | 0.000 | 95 | 236713 | 20.0 | 18.4 | |
| 60 Tert-amyl methyl ether | 73 | 4.093 | 4.093 | 0.000 | 92 | 191753 | 20.0 | 17.7 | |
| 59 Isopropyl acetate | 61 | 4.086 | 4.093 | -0.007 | 91 | 23642 | 20.0 | 18.6 | |
| * 61 Fluorobenzene | 96 | 4.227 | 4.116 | 0.111 | 98 | 553386 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.257 | 4.257 | 0.000 | 93 | 84238 | 20.0 | 20.1 | |
| 63 Trichloroethene | 95 | 4.617 | 4.617 | 0.000 | 94 | 50396 | 20.0 | 18.8 | |
| 64 n-Butanol | 43 | 4.641 | 4.635 | 0.006 | 90 | 26425 | 500.0 | 463.9 | |
| 65 Ethyl acrylate | 55 | 4.812 | 4.812 | 0.000 | 97 | 151010 | 20.0 | 18.7 | |
| 66 Methylcyclohexane | 83 | 4.824 | 4.824 | 0.000 | 97 | 97361 | 20.0 | 18.8 | |
| 67 1,2-Dichloropropane | 63 | 4.855 | 4.861 | -0.006 | 92 | 62032 | 20.0 | 19.3 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 26895 | 1000.0 | 1000.0 | |
| 68 Dibromomethane | 93 | 4.977 | 4.983 | -0.006 | 88 | 35501 | 20.0 | 18.4 | |
| 70 1,4-Dioxane | 88 | 5.031 | 5.044 | -0.013 | 84 | 12191 | 400.0 | 418.1 | |
| 71 Methyl methacrylate | 100 | 5.050 | 5.062 | -0.012 | 89 | 24263 | 40.0 | 35.1 | |
| 72 n-Propyl acetate | 43 | 5.141 | 5.147 | -0.006 | 99 | 81779 | 20.0 | 18.6 | |
| 73 Dichlorobromomethane | 83 | 5.184 | 5.190 | -0.006 | 98 | 66471 | 20.0 | 18.2 | |
| 74 2-Nitropropane | 41 | 5.464 | 5.476 | -0.012 | 99 | 27762 | 40.0 | 35.6 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.592 | 5.598 | -0.006 | 95 | 29852 | 20.0 | 15.4 | |
| 76 Epichlorohydrin | 57 | 5.635 | 5.641 | -0.006 | 96 | 9428 | 20.0 | 25.9 | M |
| 77 cis-1,3-Dichloropropene | 75 | 5.732 | 5.732 | 0.000 | 96 | 77226 | 20.0 | 17.0 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.976 | 5.976 | 0.000 | 98 | 331447 | 100.0 | 89.1 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.062 | 6.062 | 0.000 | 98 | 554206 | 50.0 | 51.2 | |
| 80 Toluene | 91 | 6.147 | 6.147 | 0.000 | 93 | 196179 | 20.0 | 17.6 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.470 | 6.470 | 0.000 | 98 | 71271 | 20.0 | 18.3 | |
| 82 Ethyl methacrylate | 69 | 6.671 | 6.671 | 0.000 | 89 | 70197 | 20.0 | 17.4 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.702 | 6.702 | 0.000 | 92 | 39907 | 20.0 | 18.9 | |
| 84 Tetrachloroethene | 166 | 6.848 | 6.848 | 0.000 | 88 | 37504 | 20.0 | 18.2 | |
| 85 1,3-Dichloropropane | 76 | 6.897 | 6.903 | -0.006 | 94 | 76821 | 20.0 | 18.9 | |
| 86 2-Hexanone | 43 | 7.068 | 7.068 | 0.000 | 97 | 215102 | 100.0 | 90.5 | |
| 87 Chlorodibromomethane | 129 | 7.153 | 7.153 | 0.000 | 97 | 38395 | 20.0 | 17.2 | |
| 88 Ethylene Dibromide | 107 | 7.250 | 7.250 | 0.000 | 98 | 38624 | 20.0 | 17.9 | |
| 89 n-Butyl acetate | 43 | 7.257 | 7.257 | 0.000 | 99 | 87953 | 20.0 | 17.8 | |
| * 90 Chlorobenzene-d5 | 117 | 7.763 | 7.763 | 0.000 | 90 | 351636 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.787 | 7.787 | 0.000 | 92 | 117039 | 20.0 | 18.4 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.891 | 7.891 | 0.000 | 92 | 42563 | 20.0 | 17.9 | |
| 93 Ethylbenzene | 106 | 7.921 | 7.927 | -0.006 | 99 | 65183 | 20.0 | 18.4 | |
| 94 m-Xylene & p-Xylene | 106 | 8.043 | 8.043 | 0.000 | 0 | 77609 | 20.0 | 17.7 | |
| 95 o-Xylene | 106 | 8.397 | 8.397 | 0.000 | 93 | 81004 | 20.0 | 17.6 | |
| 96 Styrene | 104 | 8.409 | 8.409 | 0.000 | 93 | 130734 | 20.0 | 17.7 | |
| 97 n-Butyl acrylate | 73 | 8.433 | 8.433 | 0.000 | 95 | 42525 | 20.0 | 18.1 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 91 | 22337 | 20.0 | 16.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.640 | 8.640 | 0.000 | 89 | 107148 | 20.0 | 19.2 | |
| 439 (-)-a-Pinene | 93 | 8.701 | 8.701 | 0.000 | 99 | 89385 | 20.0 | 17.3 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 97 | 218187 | 20.0 | 19.2 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 82 | 132637 | 50.0 | 53.1 | |
| 102 Bromobenzene | 156 | 8.939 | 8.939 | 0.000 | 92 | 45853 | 20.0 | 18.8 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.982 | 8.982 | 0.000 | 98 | 66723 | 20.0 | 19.0 | |
| 104 1,2,3-Trichloropropane | 110 | 9.000 | 9.000 | 0.000 | 97 | 16859 | 20.0 | 19.3 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.031 | 9.031 | 0.000 | 85 | 19514 | 20.0 | 19.6 | |
| 106 N-Propylbenzene | 120 | 9.067 | 9.067 | 0.000 | 98 | 54006 | 20.0 | 18.8 | |
| 107 2-Chlorotoluene | 126 | 9.110 | 9.110 | 0.000 | 97 | 46791 | 20.0 | 18.6 | |
| 108 4-Ethyltoluene | 105 | 9.159 | 9.159 | 0.000 | 99 | 192295 | 20.0 | 17.6 | |
| 109 4-Chlorotoluene | 91 | 9.201 | 9.201 | 0.000 | 99 | 173170 | 20.0 | 17.9 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.214 | 9.214 | 0.000 | 91 | 178400 | 20.0 | 18.2 | |
| 111 Butyl Methacrylate | 87 | 9.323 | 9.323 | 0.000 | 92 | 68341 | 20.0 | 18.4 | |
| 112 tert-Butylbenzene | 119 | 9.457 | 9.457 | 0.000 | 92 | 136265 | 20.0 | 17.6 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.494 | 9.494 | 0.000 | 99 | 184689 | 20.0 | 18.3 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.628 | -0.006 | 98 | 232742 | 20.0 | 18.8 | |
| 115 1,3-Dichlorobenzene | 146 | 9.683 | 9.683 | 0.000 | 92 | 89415 | 20.0 | 18.5 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.738 | 9.738 | 0.000 | 98 | 194062 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.744 | -0.006 | 97 | 191707 | 20.0 | 17.4 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 94 | 93539 | 20.0 | 18.1 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.805 | 9.805 | 0.000 | 99 | 193651 | 20.0 | 18.0 | |
| 120 Benzyl chloride | 126 | 9.860 | 9.860 | 0.000 | 97 | 18226 | 20.0 | 16.7 | |
| 121 2,3-Dihydroindene | 117 | 9.939 | 9.939 | 0.000 | 94 | 178937 | 20.0 | 17.2 | |
| 123 1,2-Dichlorobenzene | 146 | 10.018 | 10.018 | 0.000 | 88 | 94480 | 20.0 | 18.0 | |
| 122 p-Diethylbenzene | 119 | 10.018 | 10.024 | -0.006 | 89 | 115597 | 20.0 | 17.1 | |
| 124 n-Butylbenzene | 92 | 10.037 | 10.037 | 0.000 | 97 | 113688 | 20.0 | 18.1 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.567 | 10.567 | 0.000 | 96 | 184844 | 20.0 | 17.8 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.573 | 10.573 | 0.000 | 92 | 11902 | 20.0 | 17.5 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.719 | 10.719 | 0.000 | 94 | 67194 | 20.0 | 17.9 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 92 | 71406 | 20.0 | 19.9 | |
| 129 Hexachlorobutadiene | 225 | 11.262 | 11.262 | 0.000 | 87 | 28757 | 20.0 | 17.7 | |
| 130 Naphthalene | 128 | 11.292 | 11.298 | -0.006 | 98 | 216205 | 20.0 | 19.8 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.469 | 11.469 | 0.000 | 93 | 69635 | 20.0 | 19.7 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 38.0 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 35.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 Xylenes, Total | 100 | | | | 0 | | 40.0 | 35.3 | |
| S 135 Total BTEX | 1 | | | | 0 | | 100.0 | 89.5 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GAS C SP_00604 | Amount Added: | 2.00 | Units: uL | |
| 8260 SP_00188 | Amount Added: | 2.00 | Units: uL | |
| 7 Freons SS_00022 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN SP_00173 | Amount Added: | 3.00 | Units: uL | |
| alpha-Pinene_00006 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

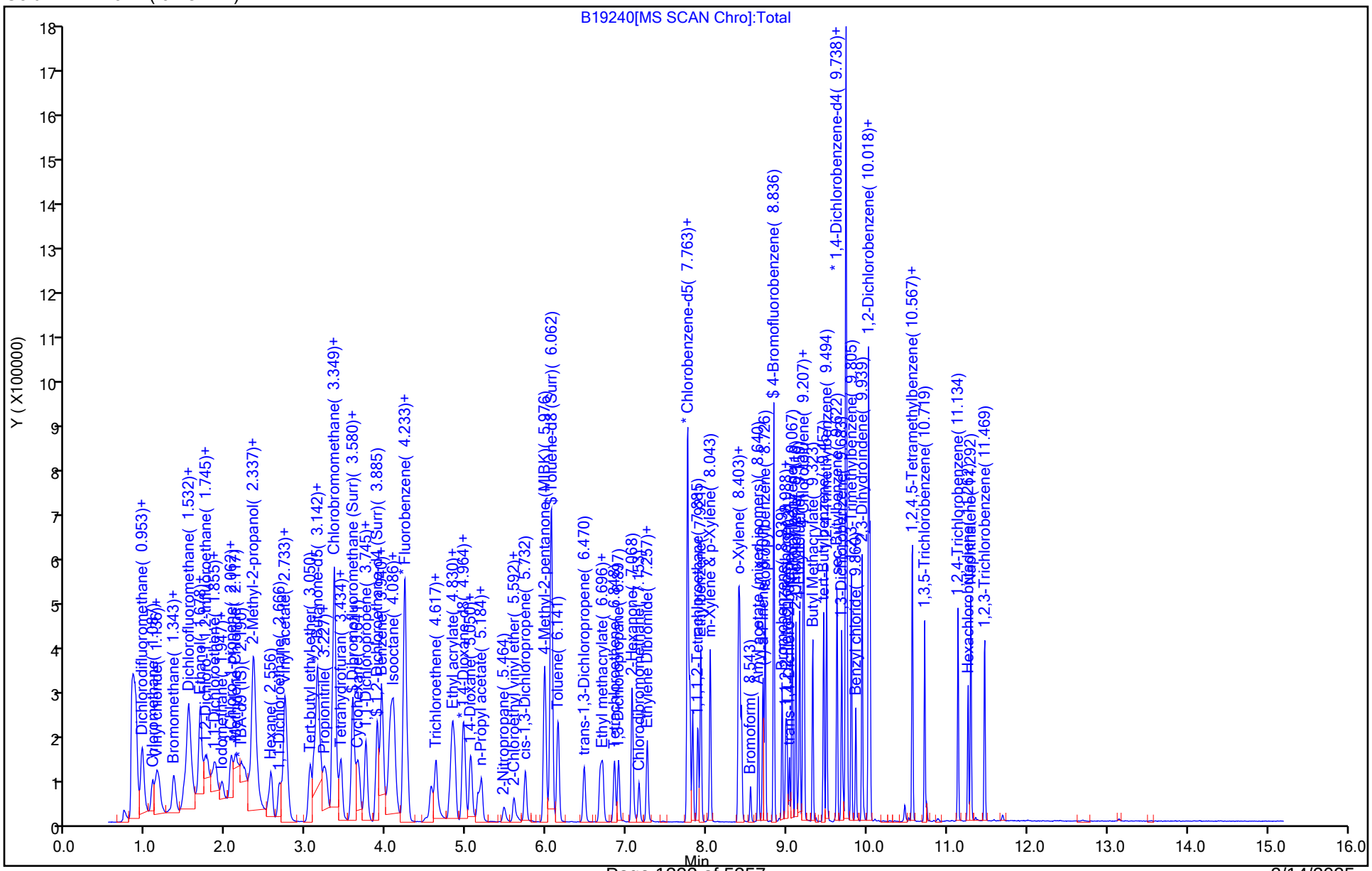
Report Date: 17-Jan-2025 16:13:50 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 17-Jan-2025 11:45:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 15 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

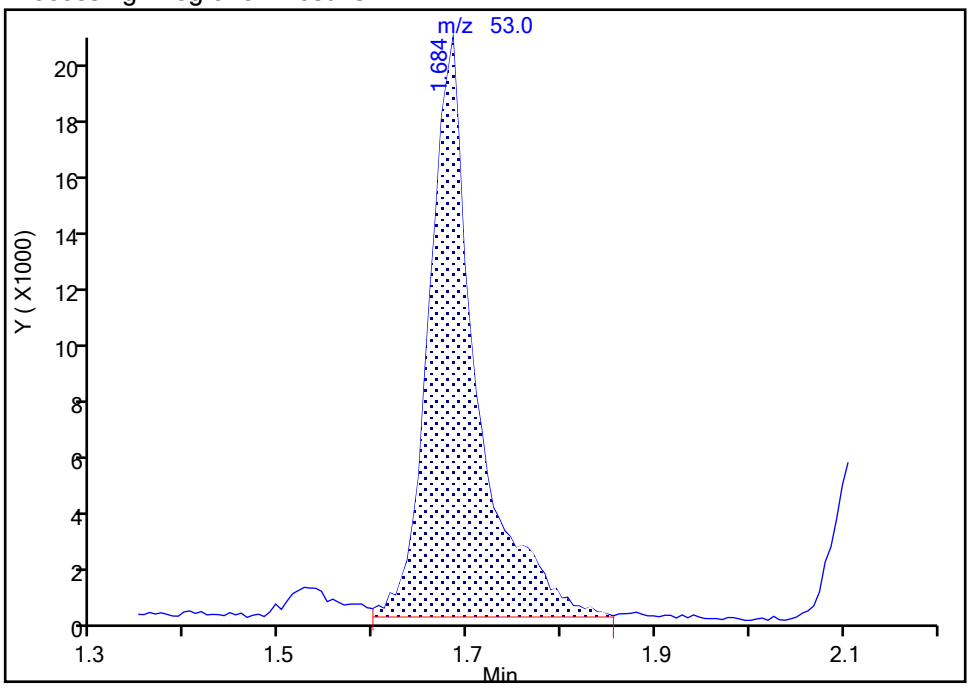
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

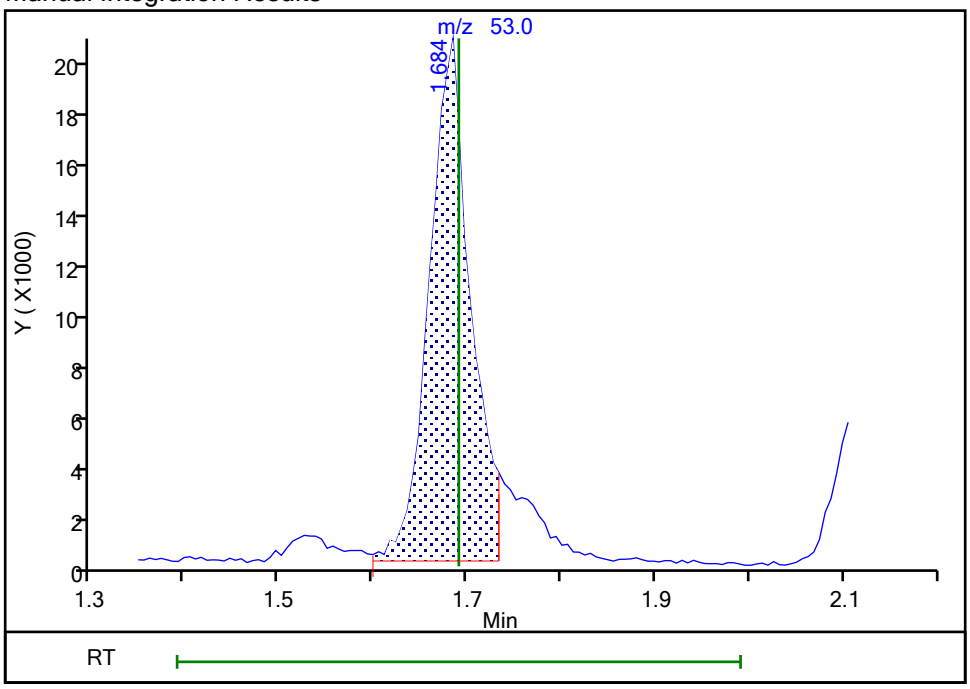
Processing Integration Results

RT: 1.68
Area: 70134
Amount: 17.073739
Amount Units: ug/l




Manual Integration Results

RT: 1.68
Area: 61733
Amount: 15.028561
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:39 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

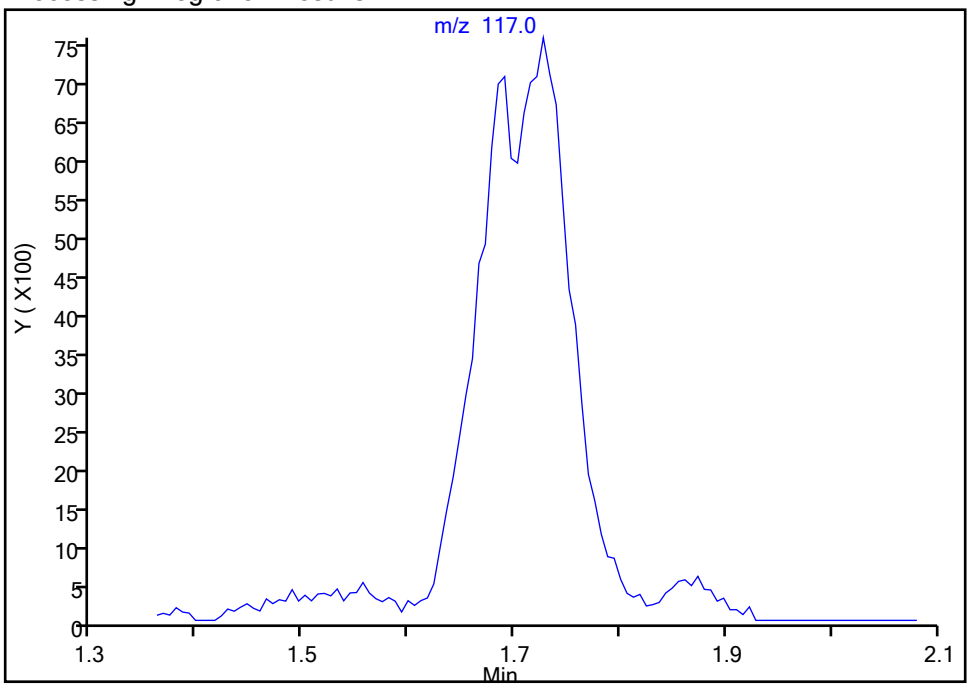
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 14 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

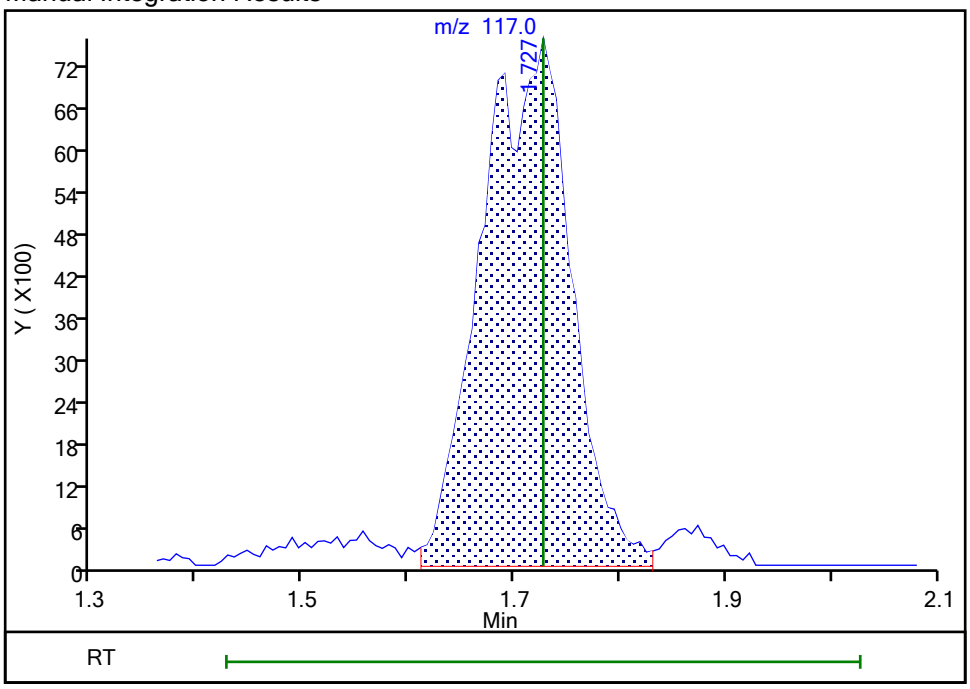
Not Detected
Expected RT: 1.73

Processing Integration Results




Manual Integration Results

RT: 1.73
Area: 44373
Amount: 16.310636
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

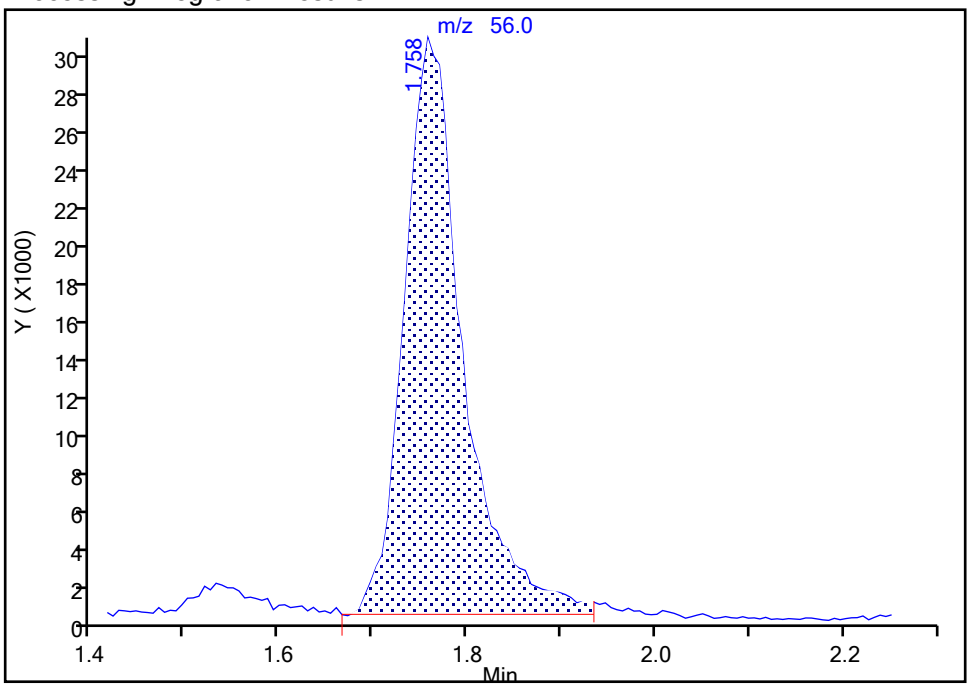
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 16 Acrolein, CAS: 107-02-8

Signal: 1

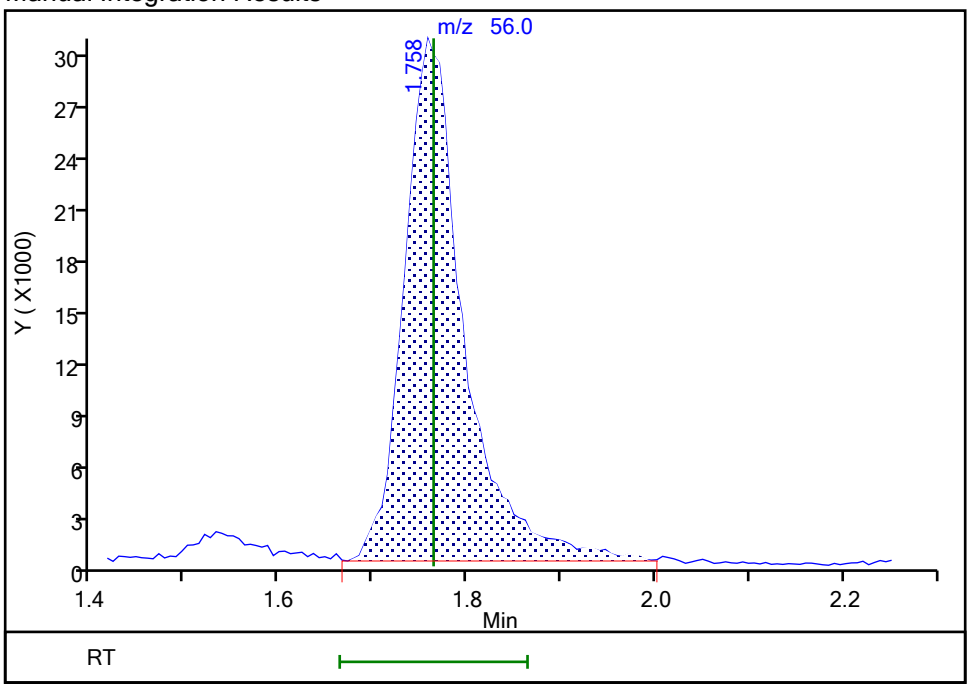
Processing Integration Results

RT: 1.76
Area: 129902
Amount: 176.2479
Amount Units: ug/l




Manual Integration Results

RT: 1.76
Area: 132445
Amount: 179.6982
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:10:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

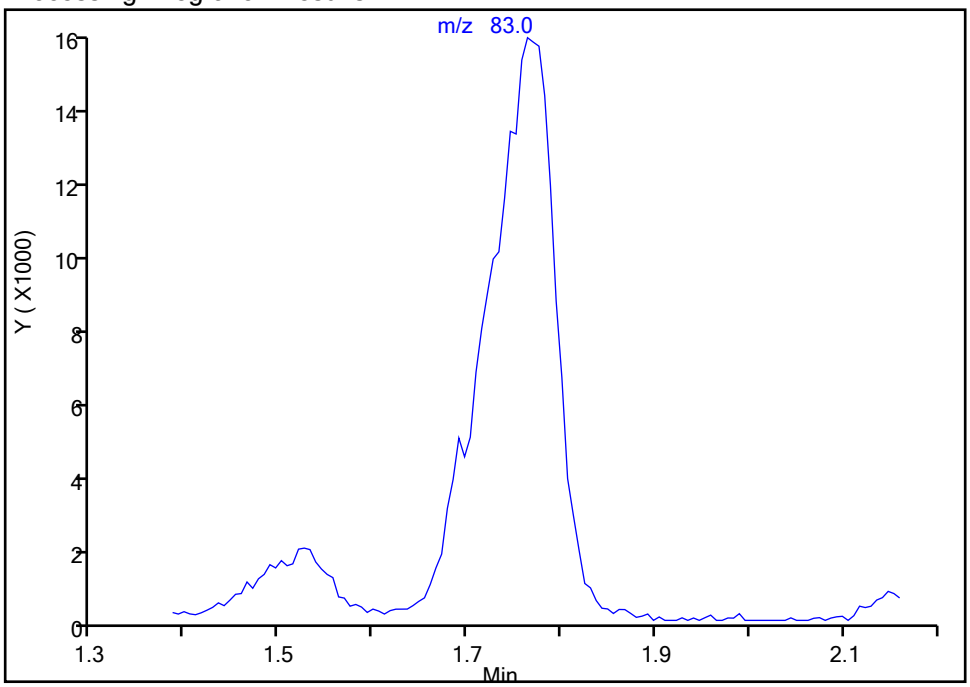
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

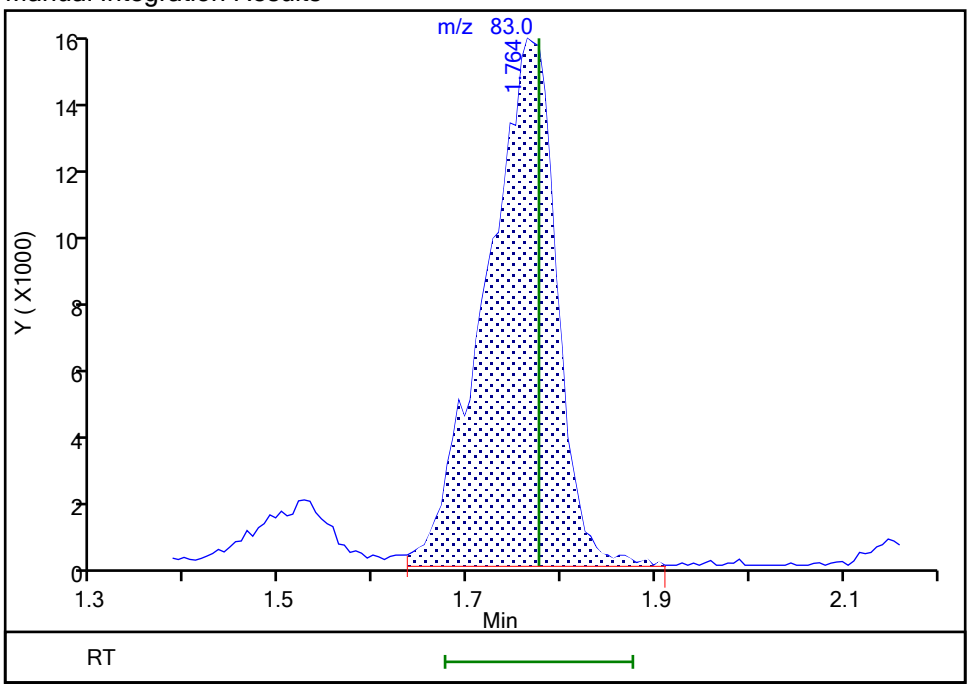
Not Detected
Expected RT: 1.78

Processing Integration Results




Manual Integration Results

RT: 1.76
Area: 81041
Amount: 16.229083
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

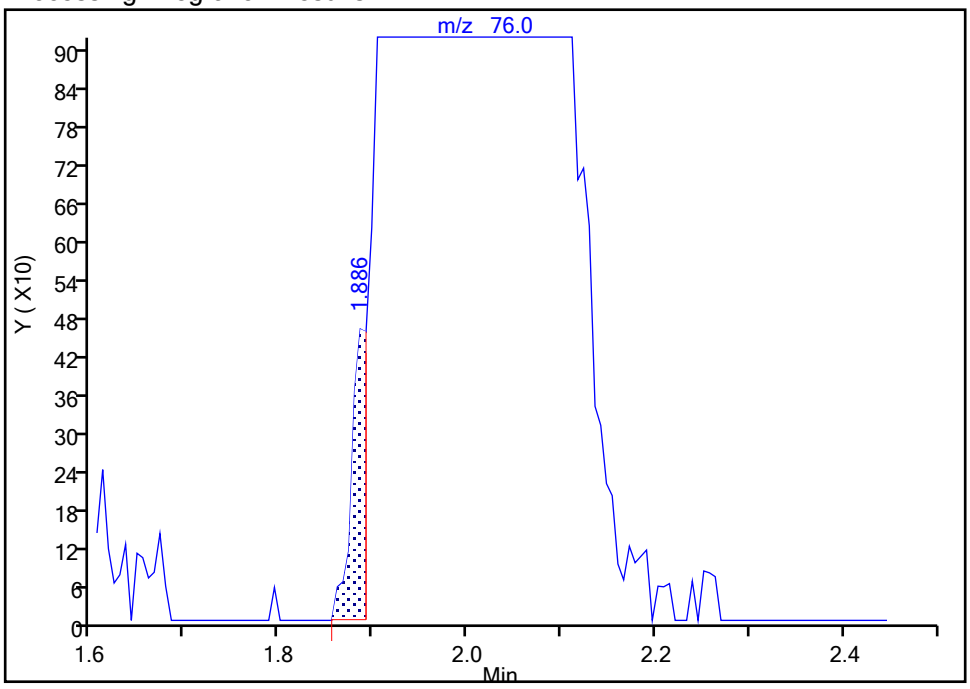
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

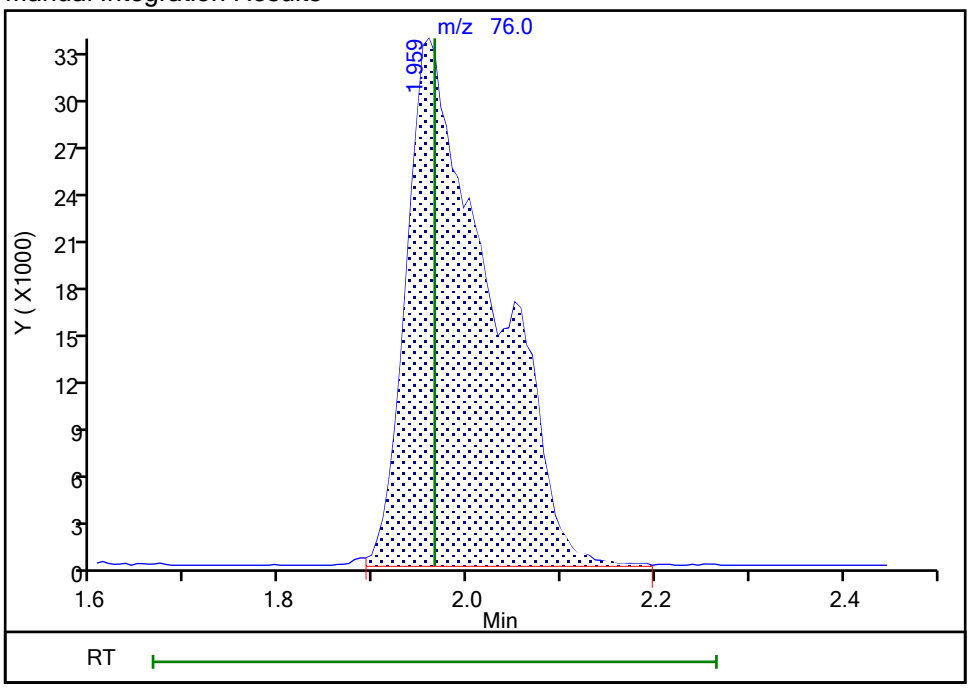
Processing Integration Results

RT: 1.89
Area: 549
Amount: 0.049930
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 207479
Amount: 18.869647
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

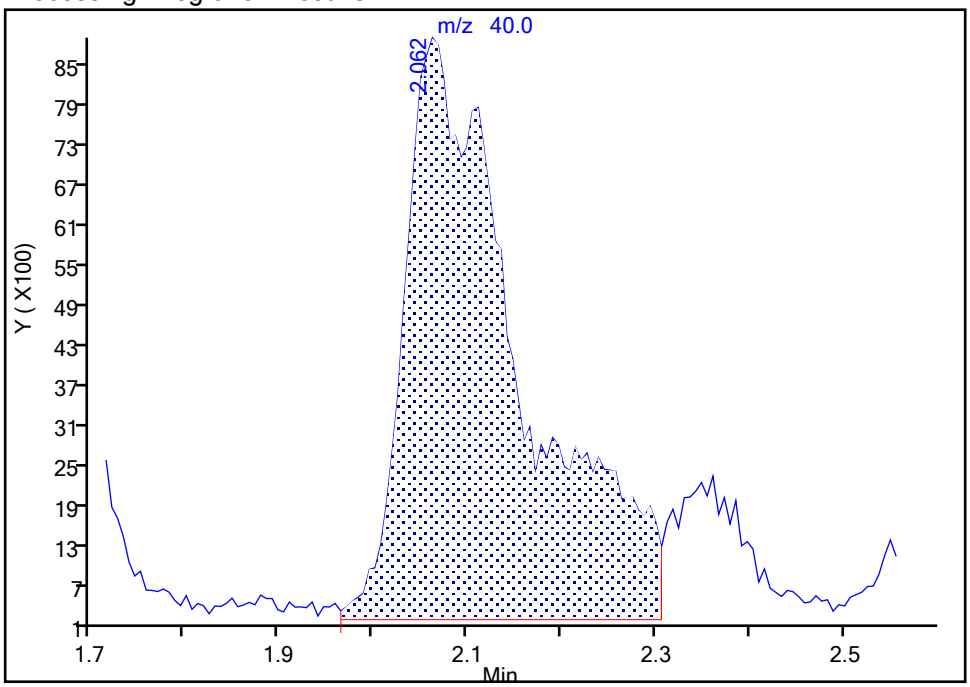
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 23 Acetonitrile, CAS: 75-05-8

Signal: 1

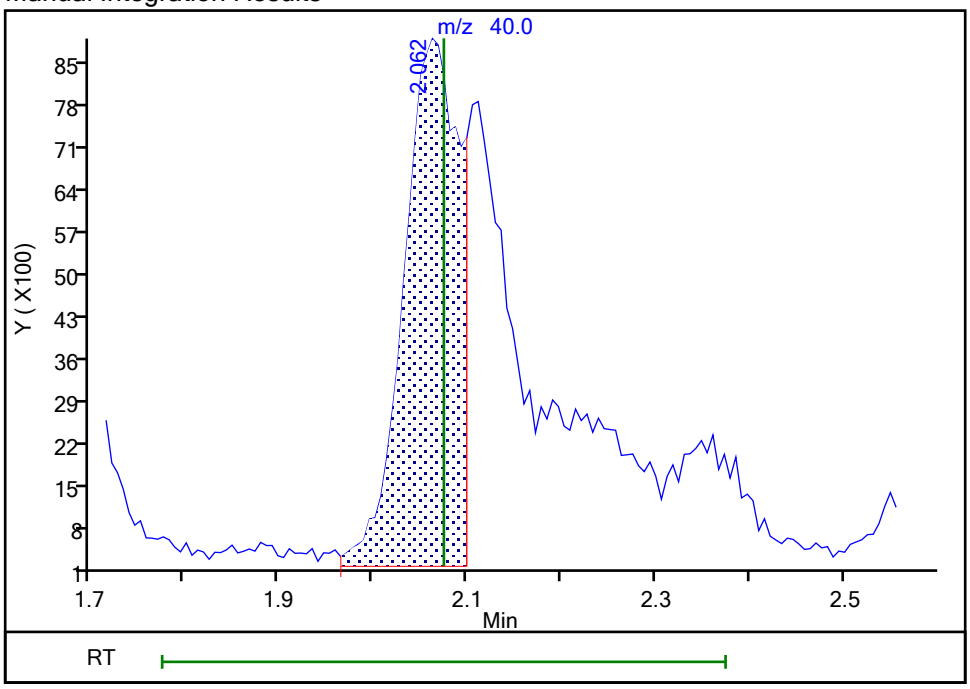
Processing Integration Results

RT: 2.06
Area: 74324
Amount: 411.2741
Amount Units: ug/l




Manual Integration Results

RT: 2.06
Area: 36101
Amount: 199.7660
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:04:21 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

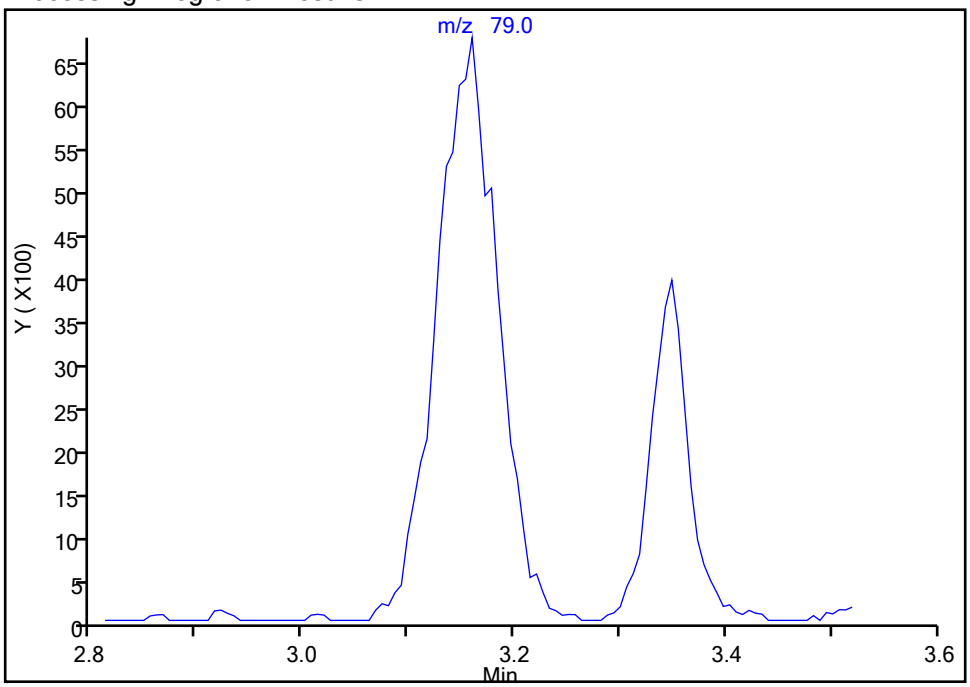
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

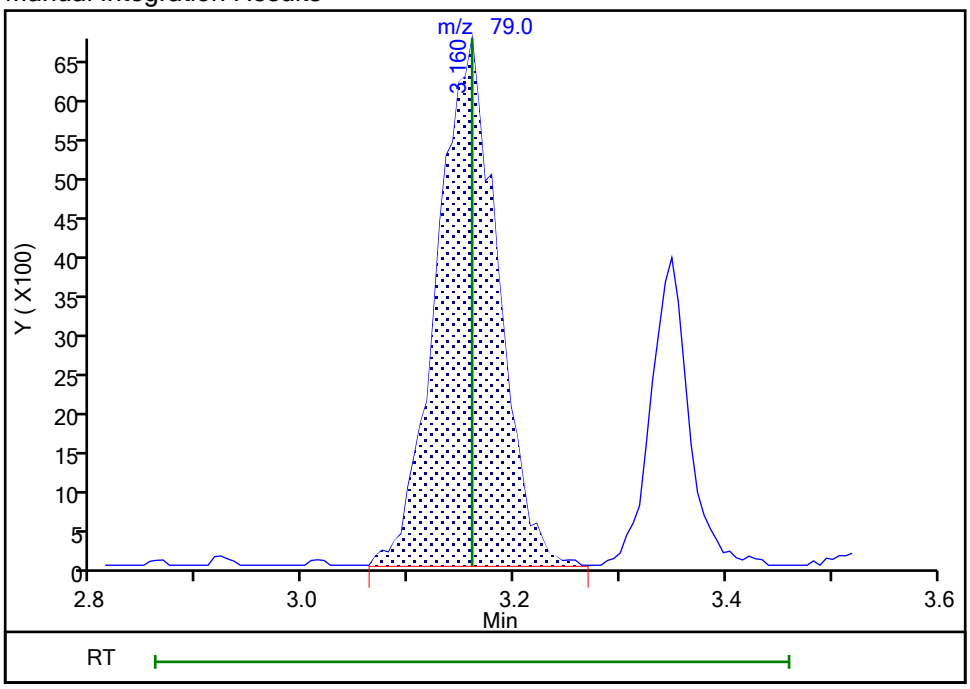
Not Detected
Expected RT: 3.16

Processing Integration Results




Manual Integration Results

RT: 3.16
Area: 27096
Amount: 17.361784
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:46 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

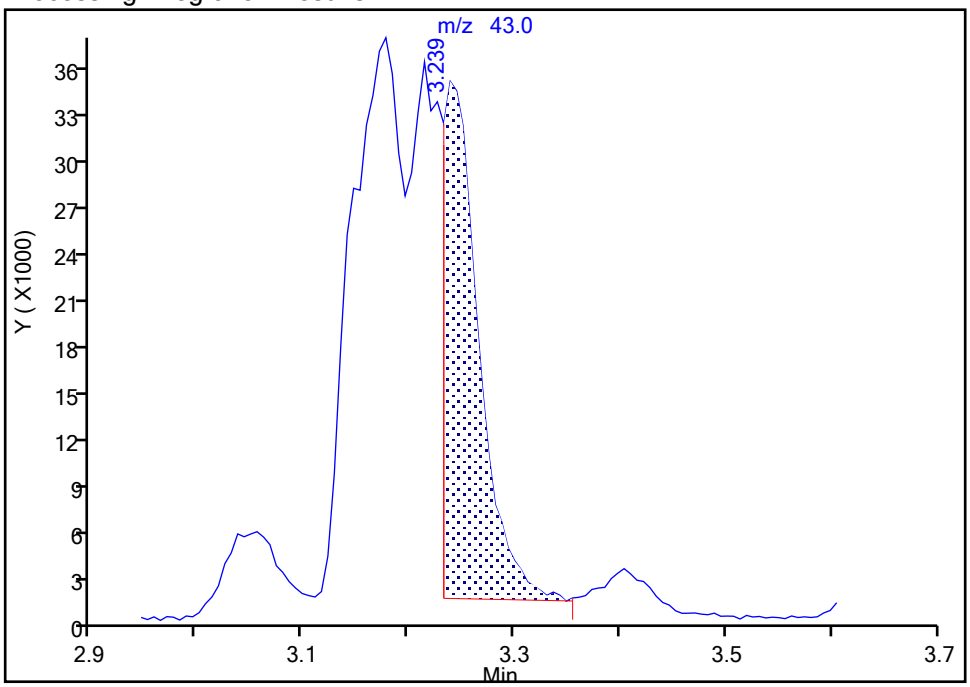
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 43 Ethyl acetate, CAS: 141-78-6

Signal: 1

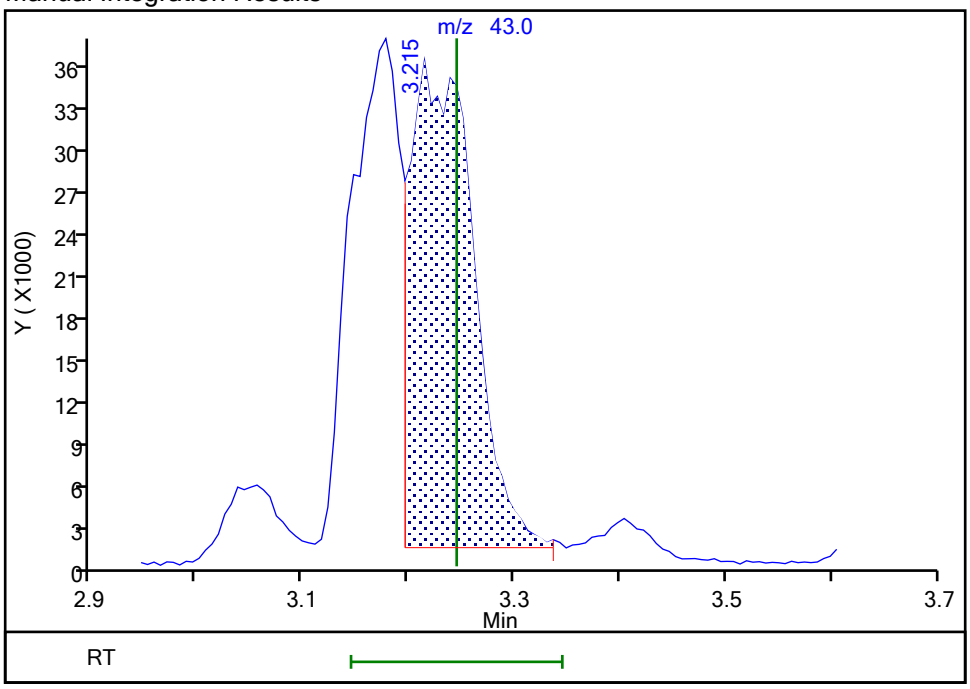
Processing Integration Results

RT: 3.24
Area: 79474
Amount: 18.585256
Amount Units: ug/l




Manual Integration Results

RT: 3.21
Area: 147432
Amount: 34.477458
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:04:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

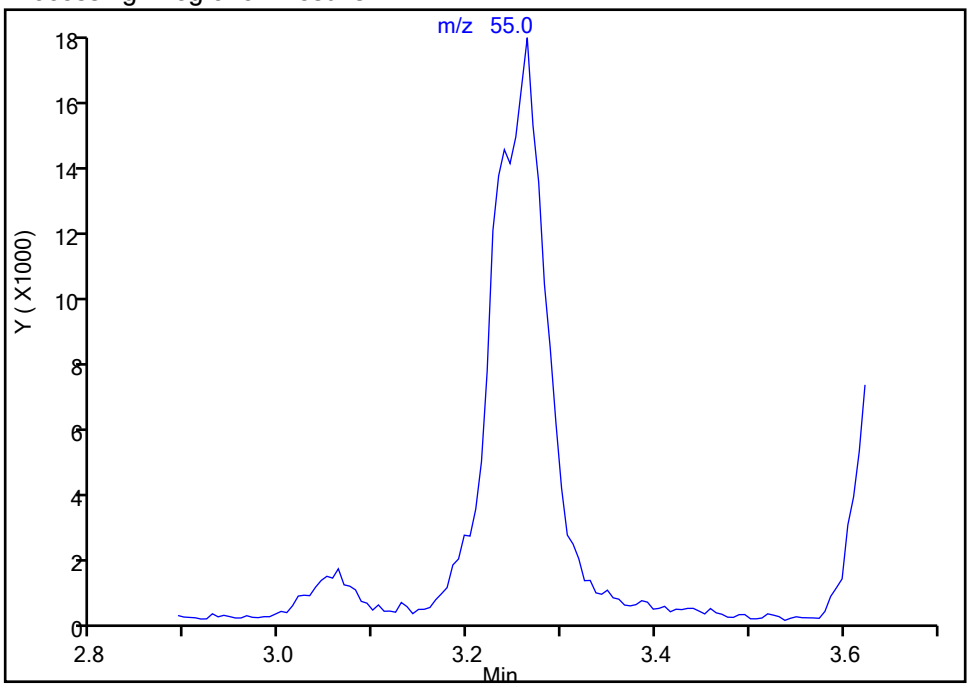
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 44 Methyl acrylate, CAS: 96-33-3

Signal: 1

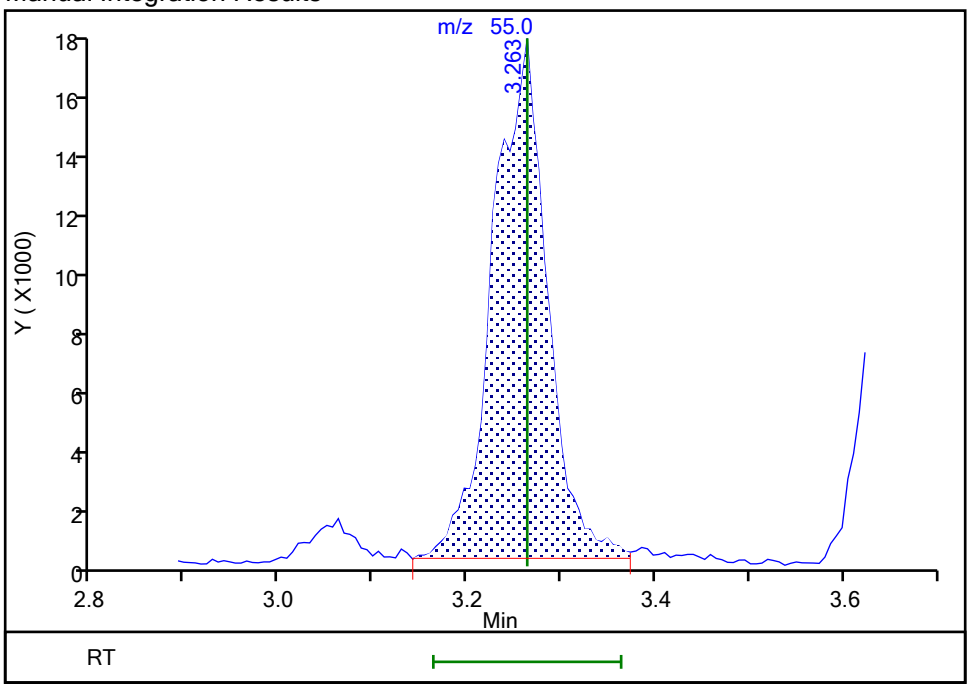
Not Detected
Expected RT: 3.26

Processing Integration Results




Manual Integration Results

RT: 3.26
Area: 70946
Amount: 18.454262
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:03:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison

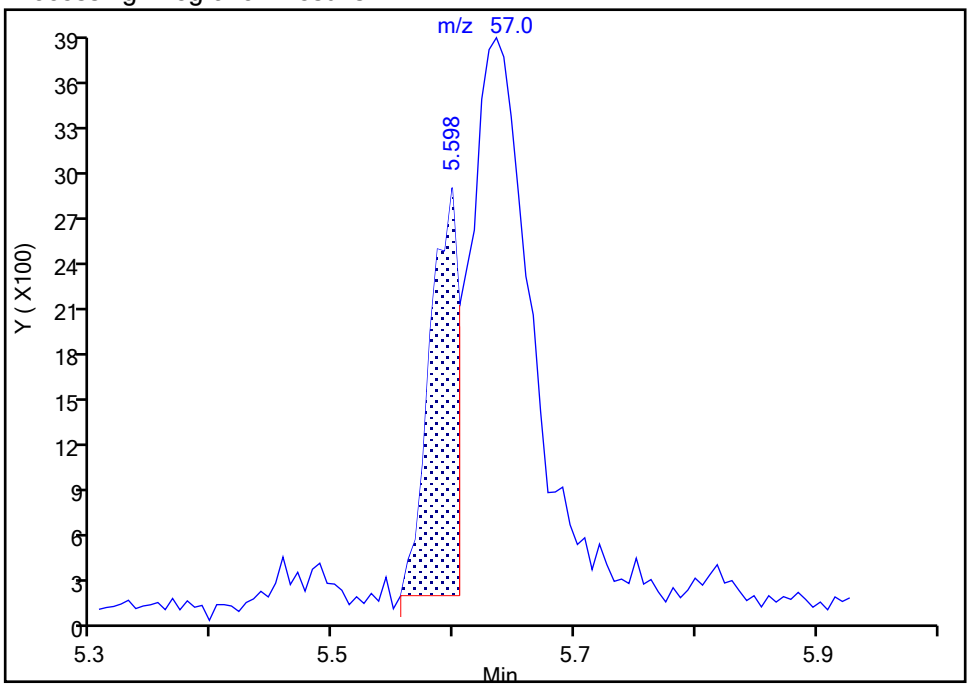
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 76 Epichlorohydrin, CAS: 106-89-8

Signal: 1

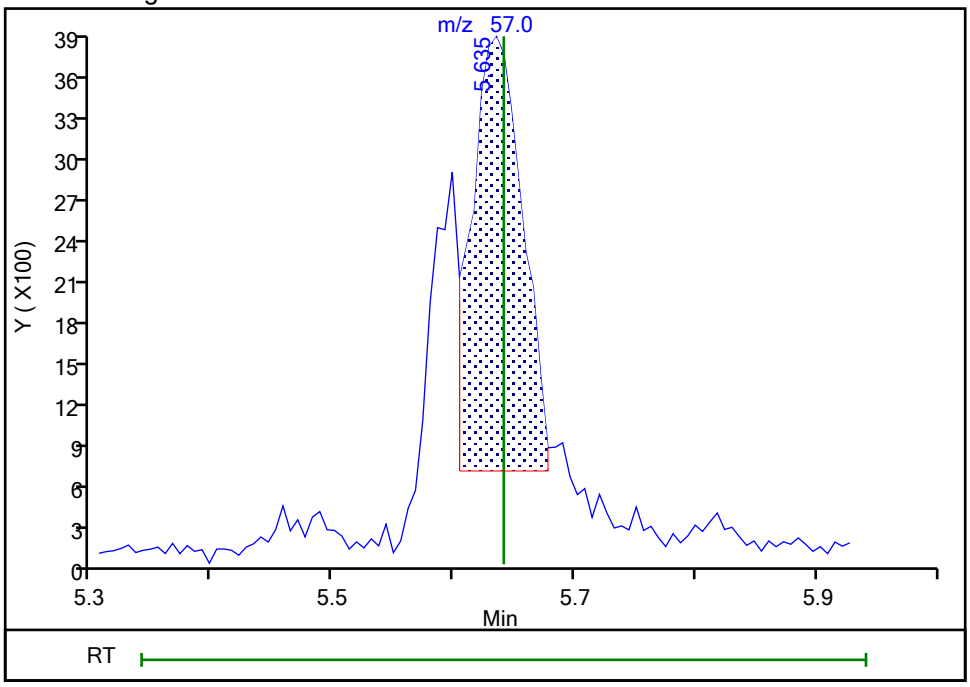
Processing Integration Results

RT: 5.60
Area: 4546
Amount: 12.487878
Amount Units: ug/l




Manual Integration Results

RT: 5.63
Area: 9428
Amount: 25.898749
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:09:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

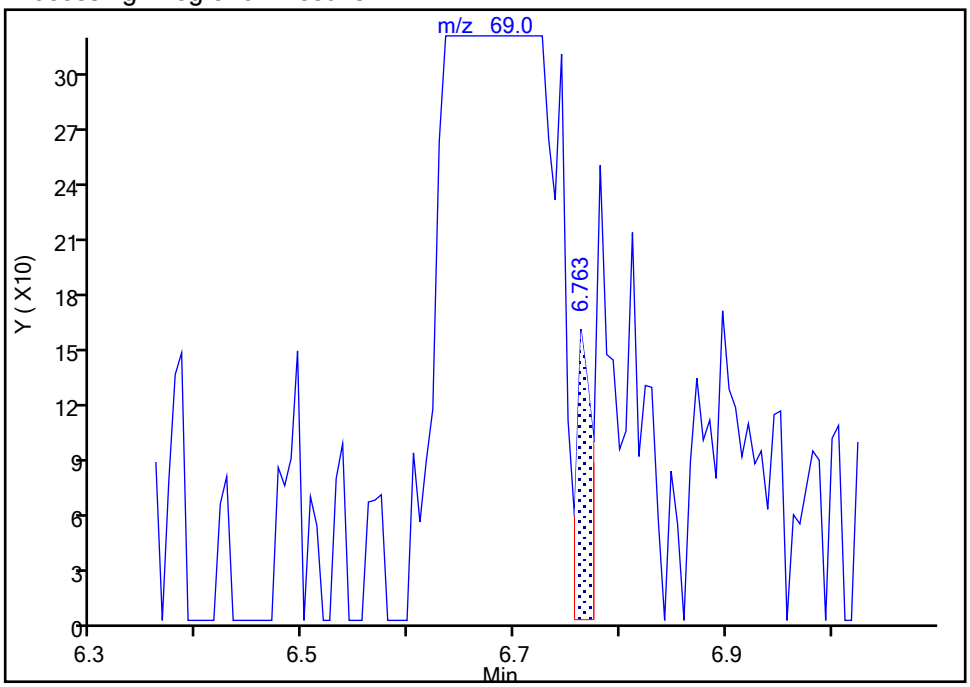
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19240.D
Injection Date: 17-Jan-2025 11:45:30 Instrument ID: CVOAMS2
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

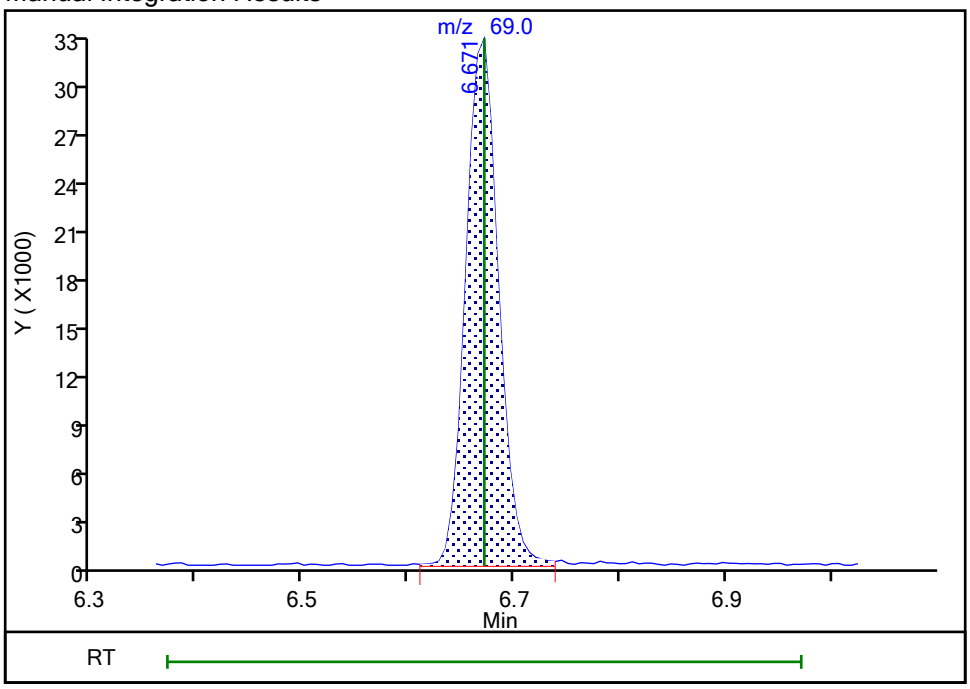
Processing Integration Results

RT: 6.76
Area: 163
Amount: 0.040513
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 70197
Amount: 17.446987
Amount Units: ug/l




Reviewer: NN6A, 17-Jan-2025 16:05:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020506/2  Calibration Date: 02/10/2025 16:52

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B20338.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | Ave | 0.5119 | 0.3955 | 0.1000 | 15.5 | 20.0 | -22.7* | 20.0 |
| Chlorodifluoromethane | Lin2 | | 0.0533 | | 12.9 | 20.0 | -35.6* | 20.0 |
| Chloromethane | Ave | 0.5821 | 0.4583 | 0.1000 | 15.7 | 20.0 | -21.3* | 20.0 |
| Butadiene | Ave | 0.4524 | 0.3278 | | 14.5 | 20.0 | -27.5* | 20.0 |
| Vinyl chloride | Ave | 0.4341 | 0.3170 | 0.1000 | 14.6 | 20.0 | -27.0* | 20.0 |
| Bromomethane | Ave | 0.2805 | 0.1852 | 0.1000 | 13.2 | 20.0 | -34.0 | 50.0 |
| Chloroethane | Ave | 0.2693 | 0.1804 | 0.1000 | 13.4 | 20.0 | -33.0 | 50.0 |
| Dichlorofluoromethane | Ave | 0.7951 | 0.5091 | | 12.8 | 20.0 | -36.0* | 20.0 |
| Pentane | Ave | 0.6136 | 0.4678 | | 30.5 | 40.0 | -23.8* | 20.0 |
| Trichlorofluoromethane | Ave | 0.5454 | 0.3496 | 0.1000 | 12.8 | 20.0 | -35.9* | 20.0 |
| Ethyl ether | Lin2 | | 0.2203 | | 14.6 | 20.0 | -27.0* | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.3711 | 0.2881 | | 15.5 | 20.0 | -22.4* | 20.0 |
| Ethanol | Ave | 0.0281 | 0.0326 | | 930 | 800 | 16.2 | 50.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2458 | 0.2265 | | 18.4 | 20.0 | -7.9 | 20.0 |
| Acrolein | Ave | 1.415 | 1.596 | | 338 | 300 | 12.8 | 50.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4512 | 0.4029 | | 17.9 | 20.0 | -10.7 | 20.0 |
| 1,1-Dichloroethene | Ave | 0.2379 | 0.2539 | 0.1000 | 21.3 | 20.0 | 6.7 | 20.0 |
| Acetone | Ave | 0.6276 | 0.6871 | 0.0500 | 109 | 100 | 9.5 | 50.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2437 | 0.2764 | 0.1000 | 22.7 | 20.0 | 13.4 | 20.0 |
| Iodomethane | Ave | 0.3579 | 0.4211 | | 23.5 | 20.0 | 17.7 | 20.0 |
| Carbon disulfide | Ave | 0.9935 | 1.155 | 0.1000 | 23.3 | 20.0 | 16.3 | 50.0 |
| Isopropyl alcohol | Ave | 0.5717 | 0.5809 | | 203 | 200 | 1.6 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.3552 | 0.3945 | | 22.2 | 20.0 | 11.0 | 20.0 |
| Acetonitrile | Ave | 0.3468 | 0.5145 | | 297 | 200 | 48.3* | 20.0 |
| Methyl acetate | Ave | 0.2210 | 0.2157 | 0.0500 | 39.1 | 40.0 | -2.4 | 20.0 |
| Methylene Chloride | Ave | 0.3171 | 0.3176 | 0.1000 | 20.0 | 20.0 | 0.2 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.025 | 1.099 | | 215 | 200 | 7.3 | 50.0 |
| Acrylonitrile | Ave | 2.859 | 3.371 | | 236 | 200 | 17.9 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.2657 | 0.2859 | 0.1000 | 21.5 | 20.0 | 7.6 | 20.0 |
| Methyl tert-butyl ether | Ave | 0.9015 | 0.8058 | 0.1000 | 17.9 | 20.0 | -10.6 | 20.0 |
| Hexane | Ave | 0.3835 | 0.4513 | | 23.5 | 20.0 | 17.7 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.5181 | 0.5589 | 0.2000 | 21.6 | 20.0 | 7.9 | 20.0 |
| Vinyl acetate | Ave | 0.3458 | 0.3419 | | 39.6 | 40.0 | -1.1 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2431 | 0.2512 | | 20.7 | 20.0 | 3.3 | 20.0 |
| Isopropyl ether | Ave | 0.9650 | 0.9914 | | 20.5 | 20.0 | 2.7 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.3528 | 0.3195 | | 18.1 | 20.0 | -9.4 | 20.0 |
| cis-1,2-Dichloroethene | Ave | 0.2926 | 0.3054 | 0.1000 | 20.9 | 20.0 | 4.4 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1410 | 0.1296 | | 18.4 | 20.0 | -8.1 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.2392 | 0.2378 | 0.0500 | 99.4 | 100 | -0.6 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020506/2  Calibration Date: 02/10/2025 16:52

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B20338.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propionitrile | Ave | 0.3114 | 0.3125 | | 201 | 200 | 0.4 | 20.0 |
| Ethyl acetate | Ave | 2.455 | 2.560 | | 41.7 | 40.0 | 4.3 | 20.0 |
| Methyl acrylate | Ave | 0.3474 | 0.3080 | | 17.7 | 20.0 | -11.3 | 20.0 |
| Chlorobromomethane | Ave | 0.1391 | 0.1328 | | 19.1 | 20.0 | -4.6 | 20.0 |
| Methacrylonitrile | Ave | 0.1295 | 0.1080 | | 167 | 200 | -16.6 | 20.0 |
| Tetrahydrofuran | Ave | 0.8861 | 0.8827 | | 39.8 | 40.0 | -0.4 | 20.0 |
| Chloroform | Ave | 0.4881 | 0.4987 | 0.2000 | 20.4 | 20.0 | 2.2 | 20.0 |
| 1,1,1-Trichloroethane | Ave | 0.3883 | 0.4150 | 0.1000 | 21.4 | 20.0 | 6.9 | 20.0 |
| Cyclohexane | Ave | 0.3976 | 0.4507 | 0.1000 | 22.7 | 20.0 | 13.3 | 50.0 |
| 1,1-Dichloropropene | Ave | 0.3545 | 0.3894 | | 22.0 | 20.0 | 9.9 | 20.0 |
| Carbon tetrachloride | Ave | 0.3044 | 0.3418 | 0.1000 | 22.5 | 20.0 | 12.3 | 20.0 |
| Benzene | Ave | 1.662 | 1.613 | 0.5000 | 19.4 | 20.0 | -2.9 | 20.0 |
| Isobutyl alcohol | Ave | 0.2129 | 0.1958 | | 460 | 500 | -8.0 | 50.0 |
| 1,2-Dichloroethane | Ave | 0.3826 | 0.3746 | 0.1000 | 19.6 | 20.0 | -2.1 | 20.0 |
| Isooctane | Ave | 1.165 | 1.286 | | 22.1 | 20.0 | 10.4 | 20.0 |
| Isopropyl acetate | Ave | 0.1151 | 0.0990 | | 17.2 | 20.0 | -14.0 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.9791 | 0.8375 | | 17.1 | 20.0 | -14.5 | 20.0 |
| n-Heptane | Ave | 0.3778 | 0.4971 | | 26.3 | 20.0 | 31.6* | 20.0 |
| Trichloroethene | Ave | 0.2417 | 0.2698 | 0.2000 | 22.3 | 20.0 | 11.6 | 20.0 |
| n-Butanol | Ave | 0.1093 | 0.1202 | | 550 | 500 | 9.9 | 50.0 |
| Ethyl acrylate | Ave | 0.7315 | 0.7435 | | 20.3 | 20.0 | 1.6 | 20.0 |
| Methylcyclohexane | Ave | 0.4667 | 0.5227 | 0.1000 | 22.4 | 20.0 | 12.0 | 50.0 |
| 1,2-Dichloropropane | Ave | 0.2903 | 0.2966 | 0.1000 | 20.4 | 20.0 | 2.2 | 20.0 |
| Dibromomethane | Ave | 0.1742 | 0.1632 | | 18.7 | 20.0 | -6.3 | 20.0 |
| 1,4-Dioxane | Ave | 1.084 | 1.193 | | 440 | 400 | 10.0 | 50.0 |
| Methyl methacrylate | Ave | 0.0624 | 0.0548 | | 35.2 | 40.0 | -12.1 | 20.0 |
| n-Propyl acetate | Ave | 0.3969 | 0.3549 | | 17.9 | 20.0 | -10.6 | 20.0 |
| Dichlorobromomethane | Ave | 0.3300 | 0.3221 | 0.2000 | 19.5 | 20.0 | -2.4 | 20.0 |
| 2-Nitropropane | Ave | 0.0704 | 0.0483 | | 27.4 | 40.0 | -31.5* | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1747 | 0.1519 | | 17.4 | 20.0 | -13.1 | 20.0 |
| Epichlorohydrin | Ave | 0.2090 | 0.2066 | | 395 | 400 | -1.1 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.6474 | 0.5941 | 0.2000 | 18.4 | 20.0 | -8.2 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.136 | 2.161 | 0.0500 | 101 | 100 | 1.2 | 50.0 |
| Toluene | Ave | 1.586 | 1.560 | 0.4000 | 19.7 | 20.0 | -1.6 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.5547 | 0.4669 | 0.1000 | 16.8 | 20.0 | -15.8 | 50.0 |
| Ethyl methacrylate | Ave | 0.3635 | 0.2881 | | 15.9 | 20.0 | -20.7* | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.3009 | 0.2682 | 0.1000 | 17.8 | 20.0 | -10.9 | 20.0 |
| Tetrachloroethene | Ave | 0.2933 | 0.3388 | 0.2000 | 23.1 | 20.0 | 15.5 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.5771 | 0.5337 | | 18.5 | 20.0 | -7.5 | 20.0 |
| 2-Hexanone | Ave | 1.364 | 1.367 | 0.0500 | 100 | 100 | 0.2 | 50.0 |
| Chlorodibromomethane | Ave | 0.3180 | 0.3075 | 0.1000 | 19.3 | 20.0 | -3.3 | 50.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020506/2  Calibration Date: 02/10/2025 16:52

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B20338.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Ethylene Dibromide | Ave | 0.3063 | 0.2966 | 0.1000 | 19.4 | 20.0 | -3.2 | 20.0 |
| n-Butyl acetate | Ave | 0.7027 | 0.5763 | | 16.4 | 20.0 | -18.0 | 20.0 |
| Chlorobenzene | Ave | 0.9037 | 0.9404 | 0.5000 | 20.8 | 20.0 | 4.1 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3379 | 0.3422 | | 20.3 | 20.0 | 1.3 | 20.0 |
| Ethylbenzene | Ave | 0.5043 | 0.5275 | 0.1000 | 20.9 | 20.0 | 4.6 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.6235 | 0.6378 | 0.1000 | 20.5 | 20.0 | 2.3 | 20.0 |
| o-Xylene | Ave | 0.6549 | 0.6518 | 0.3000 | 19.9 | 20.0 | -0.5 | 20.0 |
| Styrene | Ave | 1.048 | 0.9799 | 0.3000 | 18.7 | 20.0 | -6.5 | 20.0 |
| n-Butyl acrylate | Ave | 0.3340 | 0.2611 | | 15.6 | 20.0 | -21.8* | 20.0 |
| Bromoform | Ave | 0.1908 | 0.1831 | 0.1000 | 19.2 | 20.0 | -4.1 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.439 | 1.184 | | 16.5 | 20.0 | -17.7 | 20.0 |
| Isopropylbenzene | Ave | 1.617 | 1.607 | 0.1000 | 19.9 | 20.0 | -0.7 | 20.0 |
| Bromobenzene | Ave | 0.6271 | 0.6660 | | 21.2 | 20.0 | 6.2 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9062 | 0.8321 | 0.3000 | 18.4 | 20.0 | -8.2 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.2253 | 0.2205 | | 19.6 | 20.0 | -2.1 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.2565 | 0.2194 | | 17.1 | 20.0 | -14.5 | 20.0 |
| N-Propylbenzene | Ave | 0.7406 | 0.8223 | | 22.2 | 20.0 | 11.0 | 20.0 |
| 2-Chlorotoluene | Ave | 0.6482 | 0.7375 | | 22.8 | 20.0 | 13.8 | 20.0 |
| 4-Ethyltoluene | Ave | 2.811 | 3.150 | | 22.4 | 20.0 | 12.1 | 20.0 |
| 4-Chlorotoluene | Ave | 2.487 | 2.627 | | 21.1 | 20.0 | 5.6 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 2.523 | 2.686 | | 21.3 | 20.0 | 6.5 | 20.0 |
| Butyl Methacrylate | Ave | 0.9579 | 0.7469 | | 15.6 | 20.0 | -22.0* | 20.0 |
| tert-Butylbenzene | Ave | 1.989 | 2.111 | | 21.2 | 20.0 | 6.1 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 2.599 | 2.782 | | 21.4 | 20.0 | 7.0 | 20.0 |
| sec-Butylbenzene | Ave | 3.190 | 3.527 | | 22.1 | 20.0 | 10.6 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.248 | 1.381 | 0.6000 | 22.1 | 20.0 | 10.6 | 20.0 |
| 4-Isopropyltoluene | Ave | 2.843 | 3.030 | | 21.3 | 20.0 | 6.6 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.333 | 1.401 | 0.5000 | 21.0 | 20.0 | 5.2 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 2.769 | 2.924 | | 21.1 | 20.0 | 5.6 | 20.0 |
| Benzyl chloride | Ave | 0.2812 | 0.2180 | | 15.5 | 20.0 | -22.4 | 50.0 |
| Indan | Ave | 0.9407 | 0.9797 | | 20.8 | 20.0 | 4.1 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.354 | 1.385 | 0.4000 | 20.5 | 20.0 | 2.3 | 20.0 |
| p-Diethylbenzene | Ave | 1.738 | 1.849 | | 21.3 | 20.0 | 6.4 | 20.0 |
| n-Butylbenzene | Ave | 1.615 | 1.773 | | 22.0 | 20.0 | 9.8 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 2.679 | 2.747 | | 20.5 | 20.0 | 2.5 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1754 | 0.1533 | 0.0500 | 17.5 | 20.0 | -12.6 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 0.9676 | 1.140 | | 23.6 | 20.0 | 17.8 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9259 | 1.045 | 0.2000 | 22.6 | 20.0 | 12.8 | 20.0 |
| Hexachlorobutadiene | Lin2 | | 0.5075 | | 24.1 | 20.0 | 20.6* | 20.0 |
| Naphthalene | Ave | 2.811 | 2.664 | | 19.0 | 20.0 | -5.2 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.9097 | 1.043 | | 22.9 | 20.0 | 14.6 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020506/2  Calibration Date: 02/10/2025 16:52

Instrument ID: CVOAMS2  Calib Start Date: 01/17/2025 06:46

GC Column: DB-624  ID: 0.18(mm)  Calib End Date: 01/17/2025 08:51

Lab File ID: B20338.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| (-)-a-Pinene | Qua2 | | 0.0008 | | 1.00 | 20.0 | -100.0* | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2712 | 0.2486 | | 45.8 | 50.0 | -8.3 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.3321 | 0.2894 | | 43.6 | 50.0 | -12.8 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.540 | 1.415 | | 45.9 | 50.0 | -8.1 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.6439 | 0.7270 | | 56.4 | 50.0 | 12.9 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 16:52:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0186728-002
Operator ID: Instrument ID: CVOAMS2
Sublist: chrom-8260S_2*sub28

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:29:22 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:11:36

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.959 | 0.959 | 0.000 | 97 | 124473 | 20.0 | 15.5 | |
| 2 Chlorodifluoromethane | 67 | 0.965 | 0.965 | 0.000 | 94 | 16763 | 20.0 | 12.9 | a |
| 3 Chloromethane | 50 | 1.075 | 1.075 | 0.000 | 99 | 144209 | 20.0 | 15.7 | M |
| 5 Butadiene | 54 | 1.118 | 1.118 | 0.000 | 90 | 103157 | 20.0 | 14.5 | a |
| 4 Vinyl chloride | 62 | 1.130 | 1.130 | 0.000 | 98 | 99757 | 20.0 | 14.6 | |
| 6 Bromomethane | 94 | 1.337 | 1.337 | 0.000 | 99 | 58277 | 20.0 | 13.2 | |
| 7 Chloroethane | 64 | 1.361 | 1.361 | 0.000 | 100 | 56756 | 20.0 | 13.4 | |
| 9 Dichlorofluoromethane | 67 | 1.508 | 1.508 | 0.000 | 98 | 160212 | 20.0 | 12.8 | |
| 8 Pentane | 43 | 1.526 | 1.526 | 0.000 | 96 | 294417 | 40.0 | 30.5 | M |
| 10 Trichlorofluoromethane | 101 | 1.538 | 1.538 | 0.000 | 65 | 110020 | 20.0 | 12.8 | |
| 12 Ethanol | 46 | 1.678 | 1.678 | 0.000 | 79 | 13258 | 800.0 | 929.7 | |
| 11 Ethyl ether | 59 | 1.666 | 1.666 | 0.000 | 91 | 69328 | 20.0 | 14.6 | |
| 13 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.678 | 0.000 | 98 | 90671 | 20.0 | 15.5 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.721 | 1.721 | 0.000 | 93 | 71278 | 20.0 | 18.4 | |
| 16 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 96 | 243269 | 300.0 | 338.5 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.758 | 1.758 | 0.000 | 68 | 126785 | 20.0 | 17.9 | a |
| 17 1,1-Dichloroethene | 96 | 1.819 | 1.819 | 0.000 | 93 | 79899 | 20.0 | 21.3 | |
| 19 Acetone | 43 | 1.855 | 1.855 | 0.000 | 86 | 142786 | 100.0 | 109.5 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.861 | 1.861 | 0.000 | 94 | 86976 | 20.0 | 22.7 | |
| 20 Iodomethane | 142 | 1.916 | 1.916 | 0.000 | 99 | 132506 | 20.0 | 23.5 | |
| 21 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 100 | 363498 | 20.0 | 23.3 | a |
| 22 Isopropyl alcohol | 45 | 1.977 | 1.977 | 0.000 | 96 | 59033 | 200.0 | 203.2 | |
| 24 3-Chloro-1-propene | 39 | 2.056 | 2.056 | 0.000 | 93 | 124136 | 20.0 | 22.2 | |
| 23 Acetonitrile | 40 | 2.056 | 2.056 | 0.000 | 79 | 52287 | 200.0 | 296.7 | |
| 25 Methyl acetate | 43 | 2.081 | 2.081 | 0.000 | 100 | 135785 | 40.0 | 39.1 | |
| 27 Methylene Chloride | 84 | 2.148 | 2.148 | 0.000 | 97 | 99961 | 20.0 | 20.0 | |
| * 28 TBA-d9 (IS) | 65 | 2.227 | 2.227 | 0.000 | 0 | 508118 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.276 | 2.276 | 0.000 | 91 | 111733 | 200.0 | 214.5 | |
| 29 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 94 | 342605 | 200.0 | 235.9 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.337 | 2.337 | 0.000 | 98 | 89957 | 20.0 | 21.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 2.361 | 2.361 | 0.000 | 98 | 253574 | 20.0 | 17.9 | |
| 32 Hexane | 57 | 2.556 | 2.556 | 0.000 | 93 | 142035 | 20.0 | 23.5 | |
| 33 1,1-Dichloroethane | 63 | 2.654 | 2.654 | 0.000 | 99 | 175876 | 20.0 | 21.6 | |
| 34 Vinyl acetate | 86 | 2.715 | 2.715 | 0.000 | 100 | 28425 | 40.0 | 39.6 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.727 | 2.727 | 0.000 | 92 | 79057 | 20.0 | 20.7 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.751 | 0.000 | 88 | 311995 | 20.0 | 20.5 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 88 | 100555 | 20.0 | 18.1 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.117 | 0.000 | 0 | 519551 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.135 | 3.135 | 0.000 | 92 | 96119 | 20.0 | 20.9 | |
| 40 2,2-Dichloropropane | 79 | 3.142 | 3.142 | 0.000 | 65 | 40789 | 20.0 | 18.4 | a |
| 41 2-Butanone (MEK) | 72 | 3.166 | 3.166 | 0.000 | 98 | 49417 | 100.0 | 99.4 | |
| 42 Propionitrile | 54 | 3.215 | 3.215 | 0.000 | 95 | 129905 | 200.0 | 200.7 | |
| 43 Ethyl acetate | 43 | 3.239 | 3.239 | 0.000 | 98 | 212836 | 40.0 | 41.7 | |
| 44 Methyl acrylate | 55 | 3.251 | 3.251 | 0.000 | 66 | 96926 | 20.0 | 17.7 | |
| 45 Chlorobromomethane | 128 | 3.343 | 3.343 | 0.000 | 98 | 41779 | 20.0 | 19.1 | |
| 46 Methacrylonitrile | 67 | 3.343 | 3.343 | 0.000 | 94 | 339749 | 200.0 | 166.7 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.404 | 0.000 | 80 | 73378 | 40.0 | 39.8 | |
| 48 Chloroform | 83 | 3.428 | 3.428 | 0.000 | 98 | 156940 | 20.0 | 20.4 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.568 | 3.568 | 0.000 | 95 | 195582 | 50.0 | 45.8 | |
| 50 1,1,1-Trichloroethane | 97 | 3.587 | 3.587 | 0.000 | 98 | 130587 | 20.0 | 21.4 | |
| 51 Cyclohexane | 84 | 3.641 | 3.641 | 0.000 | 94 | 141821 | 20.0 | 22.7 | |
| 52 1,1-Dichloropropene | 75 | 3.739 | 3.739 | 0.000 | 94 | 122544 | 20.0 | 22.0 | |
| 53 Carbon tetrachloride | 117 | 3.739 | 3.739 | 0.000 | 77 | 107549 | 20.0 | 22.5 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.873 | 3.873 | 0.000 | 0 | 227675 | 50.0 | 43.6 | |
| 55 Benzene | 78 | 3.934 | 3.934 | 0.000 | 97 | 339709 | 20.0 | 19.4 | |
| 56 Isobutyl alcohol | 42 | 3.946 | 3.946 | 0.000 | 43 | 49754 | 500.0 | 459.9 | a |
| 57 1,2-Dichloroethane | 62 | 3.952 | 3.952 | 0.000 | 97 | 117875 | 20.0 | 19.6 | |
| 58 Isooctane | 57 | 4.044 | 4.044 | 0.000 | 90 | 404847 | 20.0 | 22.1 | |
| 59 Isopropyl acetate | 61 | 4.080 | 4.080 | 0.000 | 95 | 31140 | 20.0 | 17.2 | |
| 60 Tert-amyl methyl ether | 73 | 4.087 | 4.087 | 0.000 | 91 | 263558 | 20.0 | 17.1 | |
| * 61 Fluorobenzene | 96 | 4.221 | 4.221 | 0.000 | 98 | 786724 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.251 | 4.251 | 0.000 | 95 | 156437 | 20.0 | 26.3 | |
| 63 Trichloroethene | 95 | 4.611 | 4.611 | 0.000 | 95 | 84914 | 20.0 | 22.3 | |
| 64 n-Butanol | 43 | 4.635 | 4.635 | 0.000 | 93 | 30536 | 500.0 | 549.7 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.806 | 0.000 | 96 | 233966 | 20.0 | 20.3 | |
| 66 Methylcyclohexane | 83 | 4.812 | 4.812 | 0.000 | 95 | 164485 | 20.0 | 22.4 | |
| 67 1,2-Dichloropropane | 63 | 4.842 | 4.842 | 0.000 | 93 | 93327 | 20.0 | 20.4 | |
| 68 Dibromomethane | 93 | 4.970 | 4.970 | 0.000 | 92 | 51353 | 20.0 | 18.7 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.983 | 4.983 | 0.000 | 0 | 32003 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.038 | 5.038 | 0.000 | 30 | 15266 | 400.0 | 440.0 | |
| 71 Methyl methacrylate | 100 | 5.050 | 5.050 | 0.000 | 93 | 34515 | 40.0 | 35.2 | |
| 72 n-Propyl acetate | 43 | 5.141 | 5.141 | 0.000 | 99 | 111681 | 20.0 | 17.9 | |
| 73 Dichlorobromomethane | 83 | 5.178 | 5.178 | 0.000 | 99 | 101372 | 20.0 | 19.5 | |
| 74 2-Nitropropane | 41 | 5.458 | 5.458 | 0.000 | 98 | 30376 | 40.0 | 27.4 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.586 | 5.586 | 0.000 | 95 | 47921 | 20.0 | 17.4 | |
| 76 Epichlorohydrin | 57 | 5.629 | 5.629 | 0.000 | 99 | 171775 | 400.0 | 395.5 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.726 | 5.726 | 0.000 | 94 | 125082 | 20.0 | 18.4 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.970 | 5.970 | 0.000 | 98 | 449168 | 100.0 | 101.2 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.050 | 6.050 | 0.000 | 98 | 744845 | 50.0 | 45.9 | |
| 80 Toluene | 91 | 6.135 | 6.135 | 0.000 | 94 | 328562 | 20.0 | 19.7 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.464 | 6.464 | 0.000 | 98 | 98304 | 20.0 | 16.8 | |
| 82 Ethyl methacrylate | 69 | 6.659 | 6.659 | 0.000 | 90 | 90665 | 20.0 | 15.9 | a |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 1,1,2-Trichloroethane | 83 | 6.690 | 6.690 | 0.000 | 94 | 56467 | 20.0 | 17.8 | |
| 84 Tetrachloroethene | 166 | 6.842 | 6.842 | 0.000 | 93 | 71344 | 20.0 | 23.1 | |
| 85 1,3-Dichloropropane | 76 | 6.891 | 6.891 | 0.000 | 95 | 112364 | 20.0 | 18.5 | |
| 86 2-Hexanone | 43 | 7.062 | 7.062 | 0.000 | 99 | 284117 | 100.0 | 100.2 | |
| 87 Chlorodibromomethane | 129 | 7.147 | 7.147 | 0.000 | 98 | 64756 | 20.0 | 19.3 | |
| 88 Ethylene Dibromide | 107 | 7.244 | 7.244 | 0.000 | 98 | 62448 | 20.0 | 19.4 | |
| 89 n-Butyl acetate | 43 | 7.251 | 7.251 | 0.000 | 98 | 121344 | 20.0 | 16.4 | |
| * 90 Chlorobenzene-d5 | 117 | 7.757 | 7.757 | 0.000 | 89 | 526389 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.781 | 7.781 | 0.000 | 92 | 198001 | 20.0 | 20.8 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.878 | 7.878 | 0.000 | 93 | 72042 | 20.0 | 20.3 | |
| 93 Ethylbenzene | 106 | 7.921 | 7.921 | 0.000 | 99 | 111069 | 20.0 | 20.9 | |
| 94 m-Xylene & p-Xylene | 106 | 8.037 | 8.037 | 0.000 | 0 | 134298 | 20.0 | 20.5 | |
| 95 o-Xylene | 106 | 8.391 | 8.391 | 0.000 | 93 | 137240 | 20.0 | 19.9 | |
| 96 Styrene | 104 | 8.409 | 8.409 | 0.000 | 93 | 206315 | 20.0 | 18.7 | |
| 97 n-Butyl acrylate | 73 | 8.427 | 8.427 | 0.000 | 96 | 54981 | 20.0 | 15.6 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 95 | 38544 | 20.0 | 19.2 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.641 | 8.641 | 0.000 | 91 | 137795 | 20.0 | 16.5 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 97 | 338264 | 20.0 | 19.9 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.836 | 8.836 | 0.000 | 89 | 211528 | 50.0 | 56.4 | |
| 102 Bromobenzene | 156 | 8.933 | 8.933 | 0.000 | 95 | 77521 | 20.0 | 21.2 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.982 | 8.982 | 0.000 | 98 | 96843 | 20.0 | 18.4 | |
| 104 1,2,3-Trichloropropane | 110 | 8.994 | 8.994 | 0.000 | 98 | 25666 | 20.0 | 19.6 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.025 | 9.025 | 0.000 | 89 | 25541 | 20.0 | 17.1 | |
| 106 N-Propylbenzene | 120 | 9.061 | 9.061 | 0.000 | 98 | 95710 | 20.0 | 22.2 | |
| 107 2-Chlorotoluene | 126 | 9.104 | 9.104 | 0.000 | 97 | 85833 | 20.0 | 22.8 | |
| 108 4-Ethyltoluene | 105 | 9.153 | 9.153 | 0.000 | 99 | 366641 | 20.0 | 22.4 | |
| 109 4-Chlorotoluene | 91 | 9.195 | 9.195 | 0.000 | 99 | 305709 | 20.0 | 21.1 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.207 | 9.207 | 0.000 | 91 | 312650 | 20.0 | 21.3 | |
| 111 Butyl Methacrylate | 87 | 9.317 | 9.317 | 0.000 | 95 | 86931 | 20.0 | 15.6 | |
| 112 tert-Butylbenzene | 119 | 9.451 | 9.451 | 0.000 | 92 | 245704 | 20.0 | 21.2 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.488 | 9.488 | 0.000 | 98 | 323759 | 20.0 | 21.4 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.622 | 0.000 | 99 | 410554 | 20.0 | 22.1 | |
| 115 1,3-Dichlorobenzene | 146 | 9.677 | 9.677 | 0.000 | 93 | 160748 | 20.0 | 22.1 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.732 | 9.732 | 0.000 | 98 | 290974 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.738 | 0.000 | 98 | 352625 | 20.0 | 21.3 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 95 | 163096 | 20.0 | 21.0 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.799 | 9.799 | 0.000 | 99 | 340272 | 20.0 | 21.1 | |
| 120 Benzyl chloride | 126 | 9.854 | 9.854 | 0.000 | 98 | 25378 | 20.0 | 15.5 | |
| 121 2,3-Dihydroindene | 117 | 9.933 | 9.933 | 0.000 | 94 | 308303 | 20.0 | 20.8 | |
| 123 1,2-Dichlorobenzene | 146 | 10.012 | 10.012 | 0.000 | 91 | 161256 | 20.0 | 20.5 | |
| 122 p-Diethylbenzene | 119 | 10.018 | 10.018 | 0.000 | 90 | 215174 | 20.0 | 21.3 | |
| 124 n-Butylbenzene | 92 | 10.030 | 10.030 | 0.000 | 98 | 206319 | 20.0 | 22.0 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.561 | 10.561 | 0.000 | 96 | 319712 | 20.0 | 20.5 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.567 | 10.567 | 0.000 | 73 | 17838 | 20.0 | 17.5 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.713 | 10.713 | 0.000 | 96 | 132638 | 20.0 | 23.6 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 95 | 121618 | 20.0 | 22.6 | |
| 129 Hexachlorobutadiene | 225 | 11.256 | 11.256 | 0.000 | 91 | 59073 | 20.0 | 24.1 | |
| 130 Naphthalene | 128 | 11.292 | 11.292 | 0.000 | 99 | 310062 | 20.0 | 19.0 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.463 | 11.463 | 0.000 | 95 | 121351 | 20.0 | 22.9 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.4 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 35.2 | |
| S 134 Xylenes, Total | 100 | | | | 0 | | 40.0 | 40.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Total BTEX | 1 | | | | 0 | | 100.0 | 100.4 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

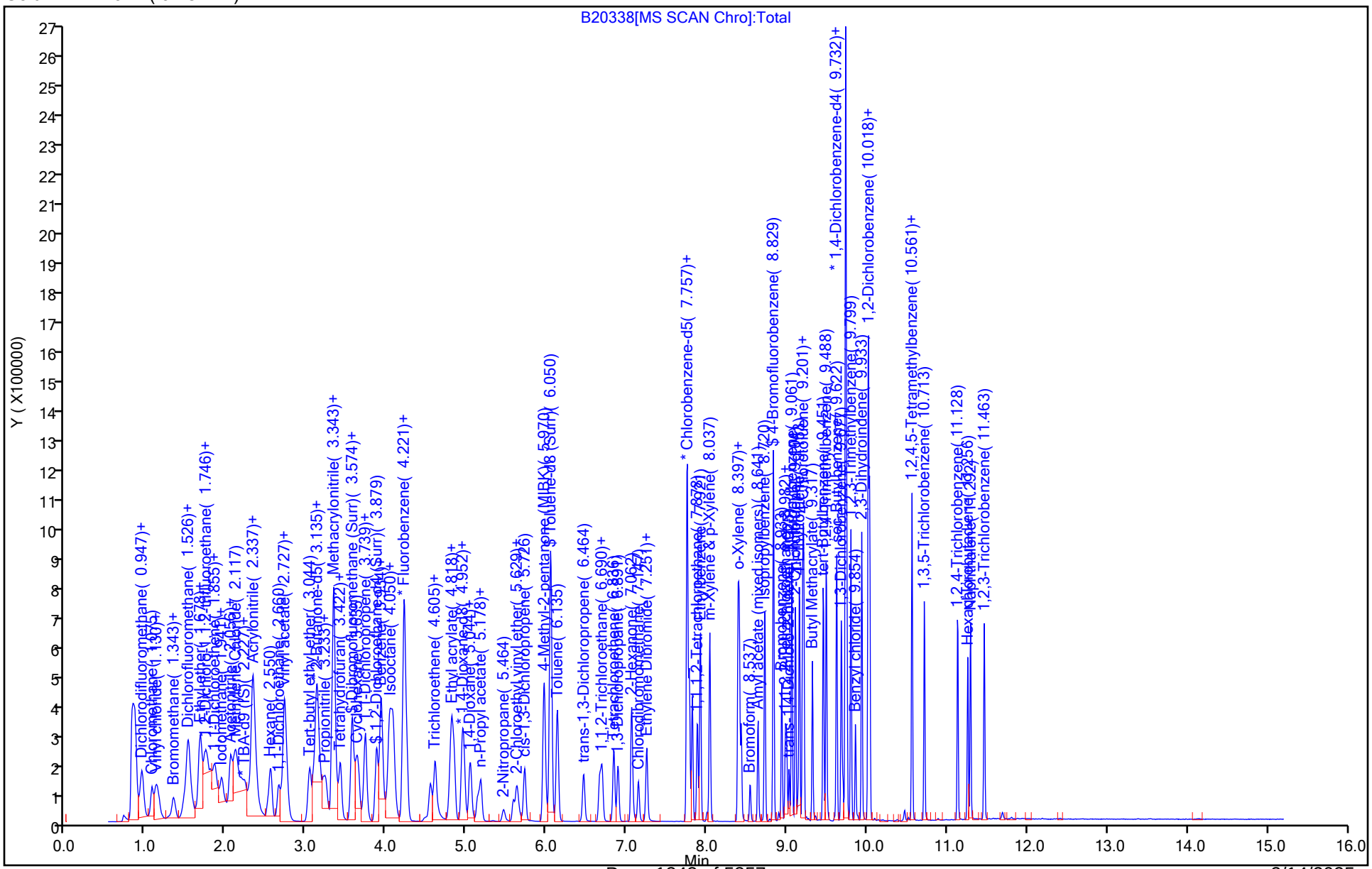
Report Date: 11-Feb-2025 12:29:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:52:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

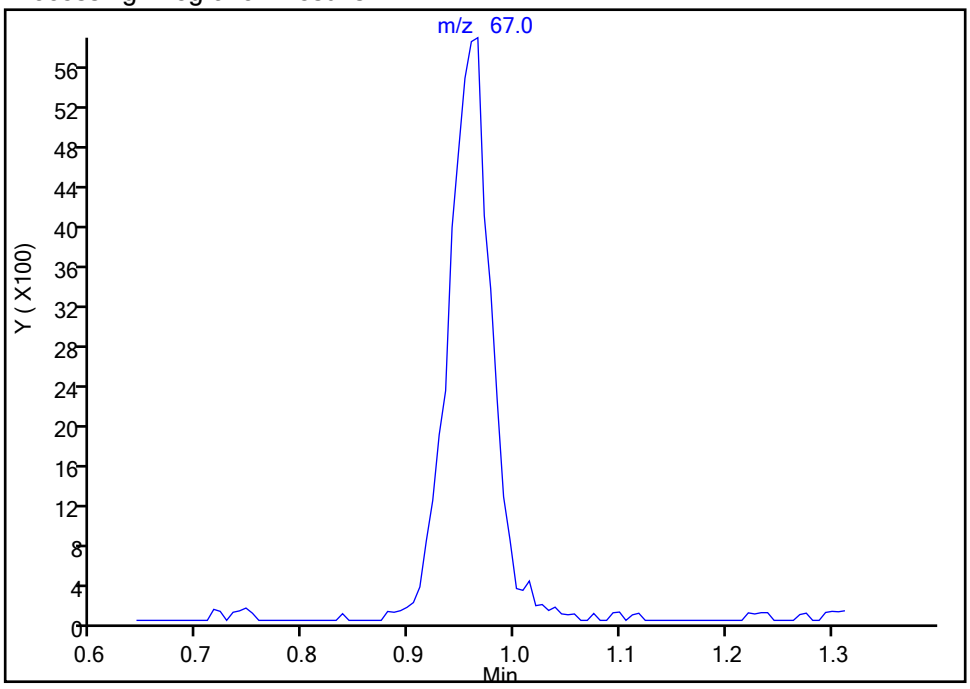
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 2 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

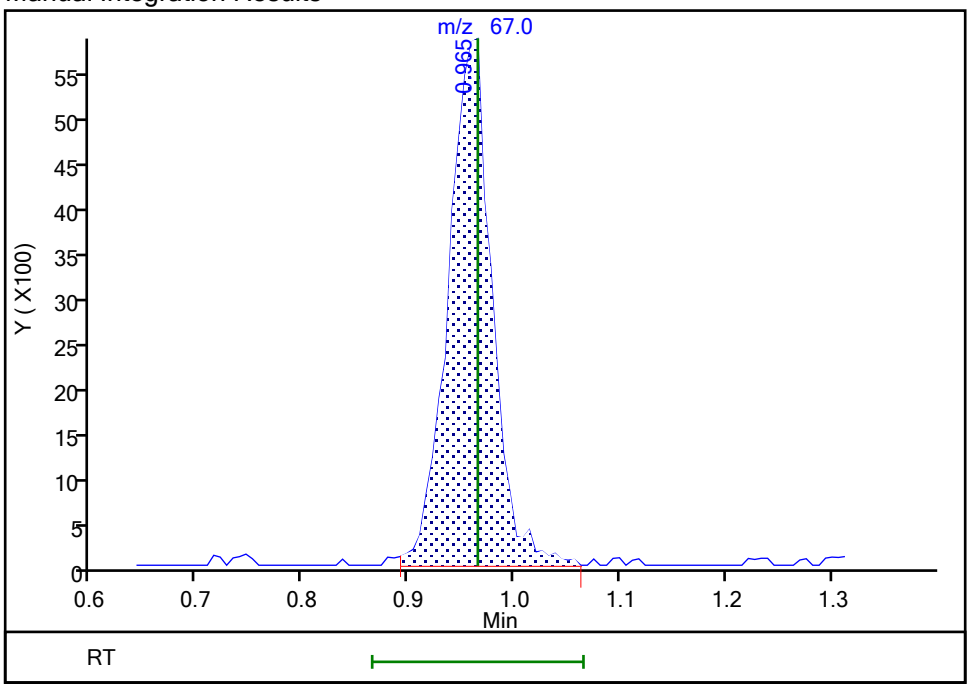
Not Detected
Expected RT: 0.97

Processing Integration Results




Manual Integration Results

RT: 0.97
Area: 16763
Amount: 12.877619
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:11:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

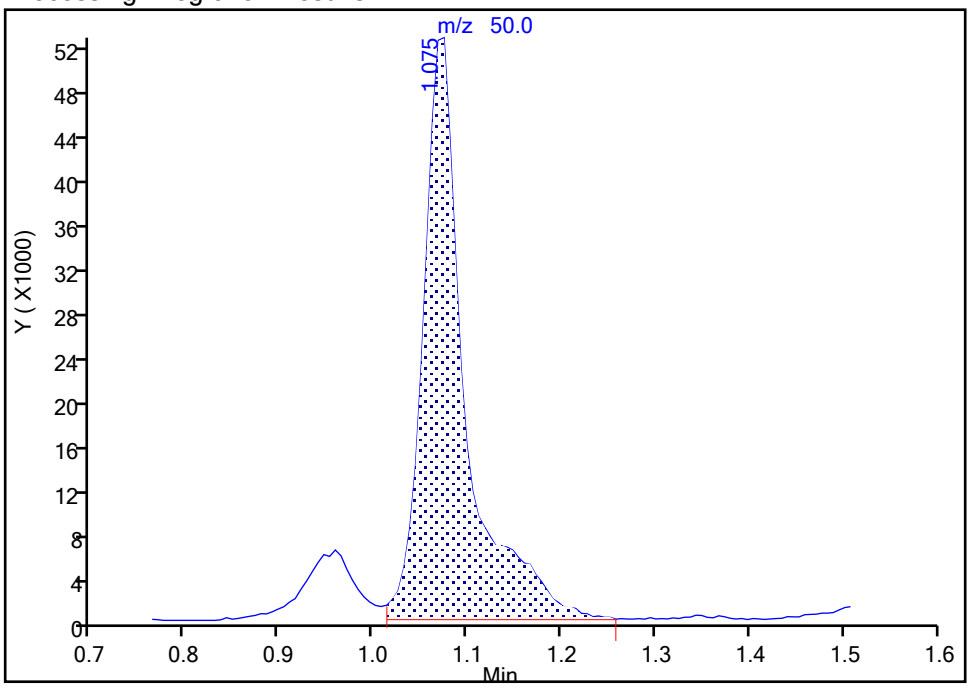
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Chloromethane, CAS: 74-87-3

Signal: 1

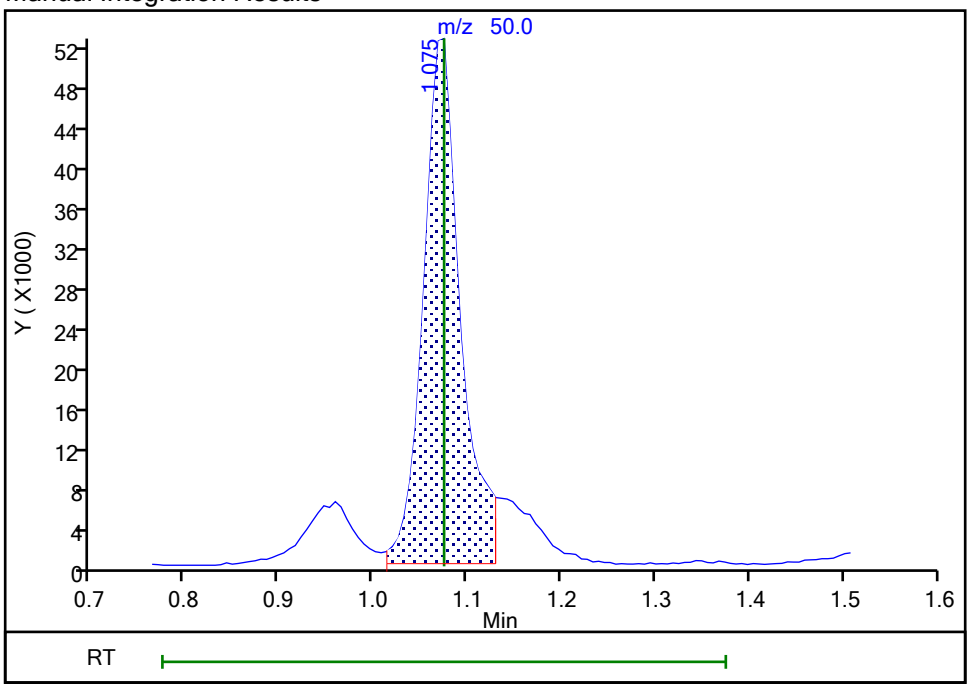
Processing Integration Results

RT: 1.07
Area: 163603
Amount: 17.863878
Amount Units: ug/l




Manual Integration Results

RT: 1.07
Area: 144209
Amount: 15.746240
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:28:36 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

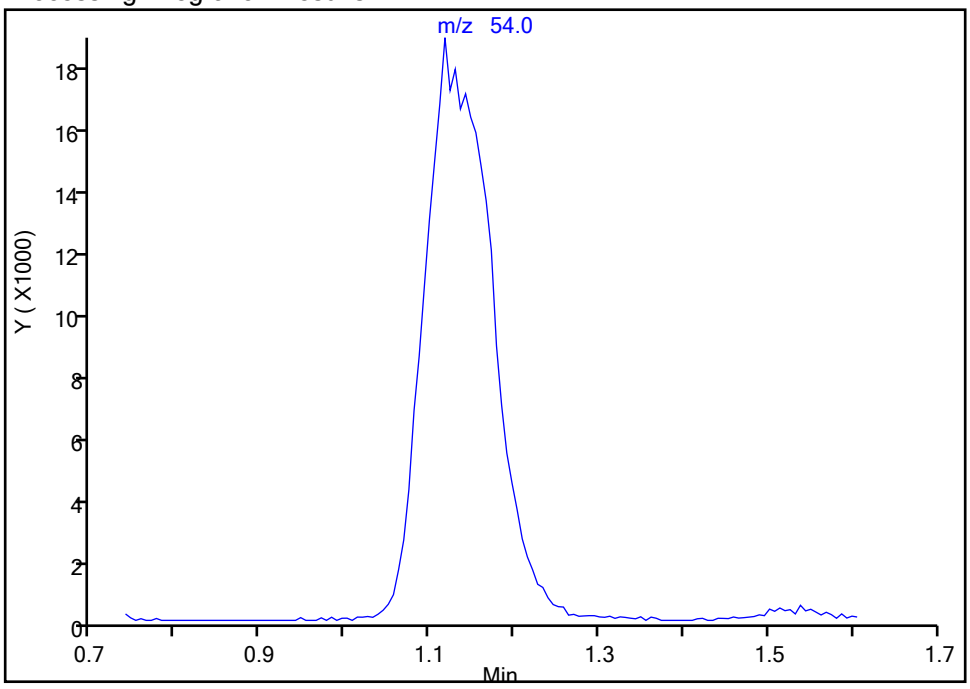
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 5 Butadiene, CAS: 106-99-0

Signal: 1

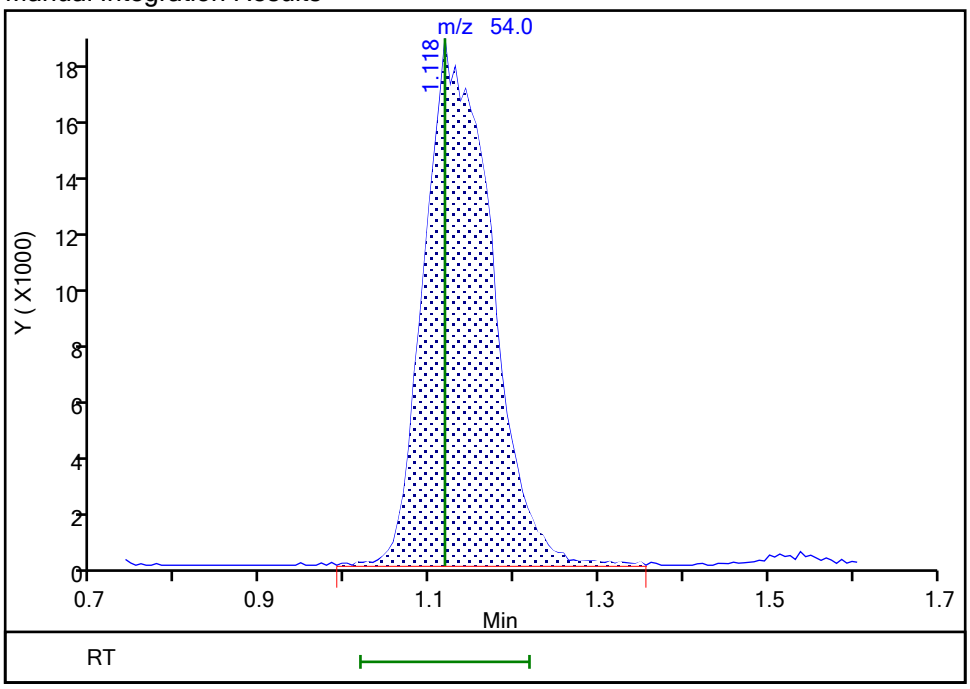
Not Detected
Expected RT: 1.12

Processing Integration Results




Manual Integration Results

RT: 1.12
Area: 103157
Amount: 14.492609
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:11:59 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

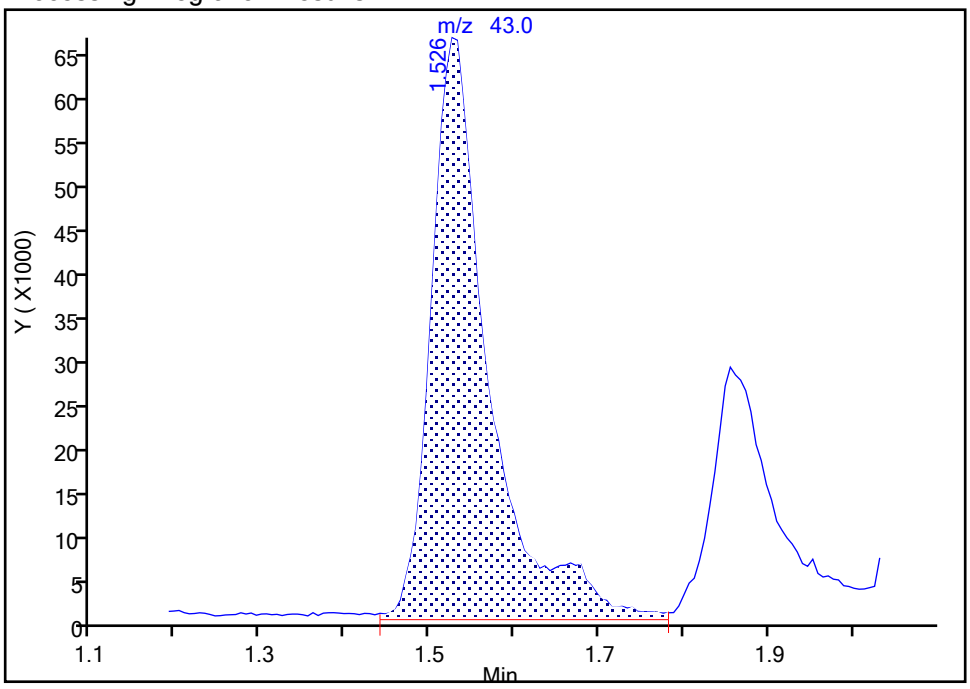
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 8 Pentane, CAS: 109-66-0

Signal: 1

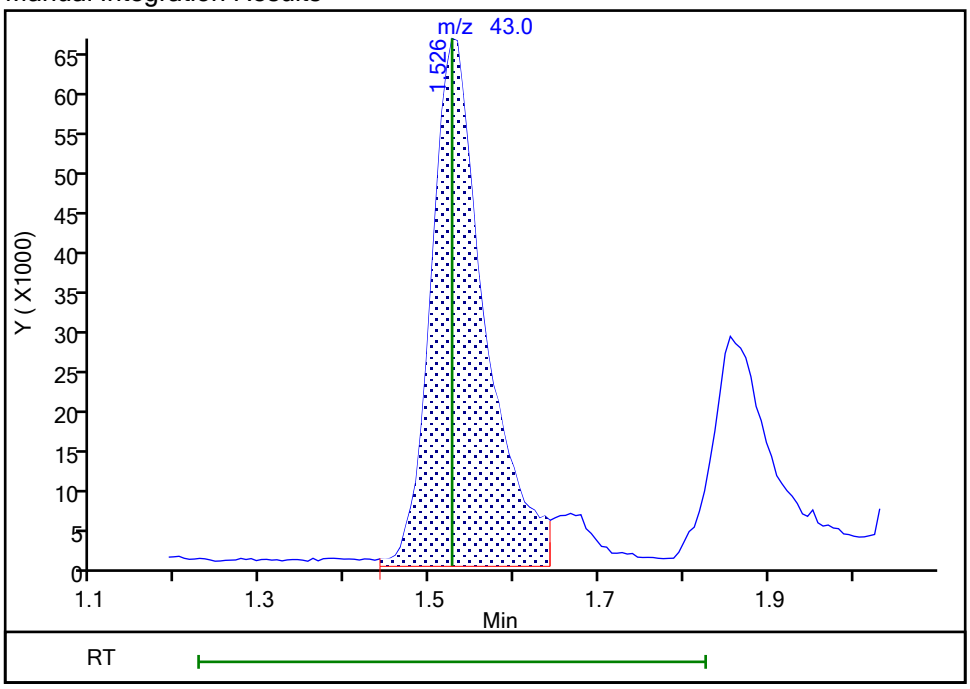
Processing Integration Results

RT: 1.53
Area: 319286
Amount: 33.072744
Amount Units: ug/l




Manual Integration Results

RT: 1.53
Area: 294417
Amount: 30.496727
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:28:43 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Eurofins Edison

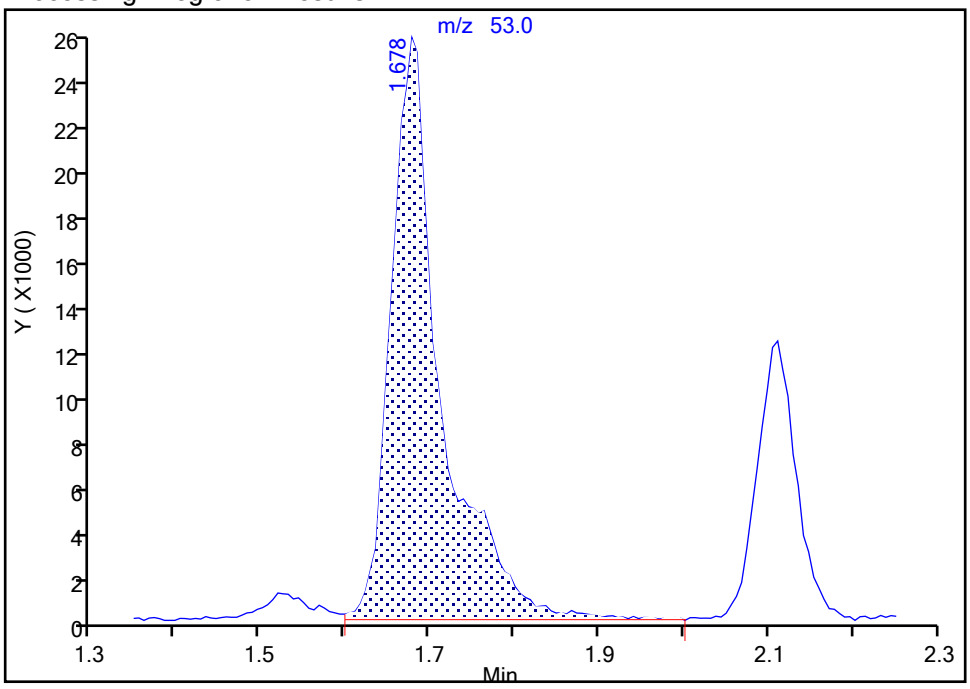
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 13 2-Methyl-1,3-butadiene, CAS: 78-79-5

Signal: 1

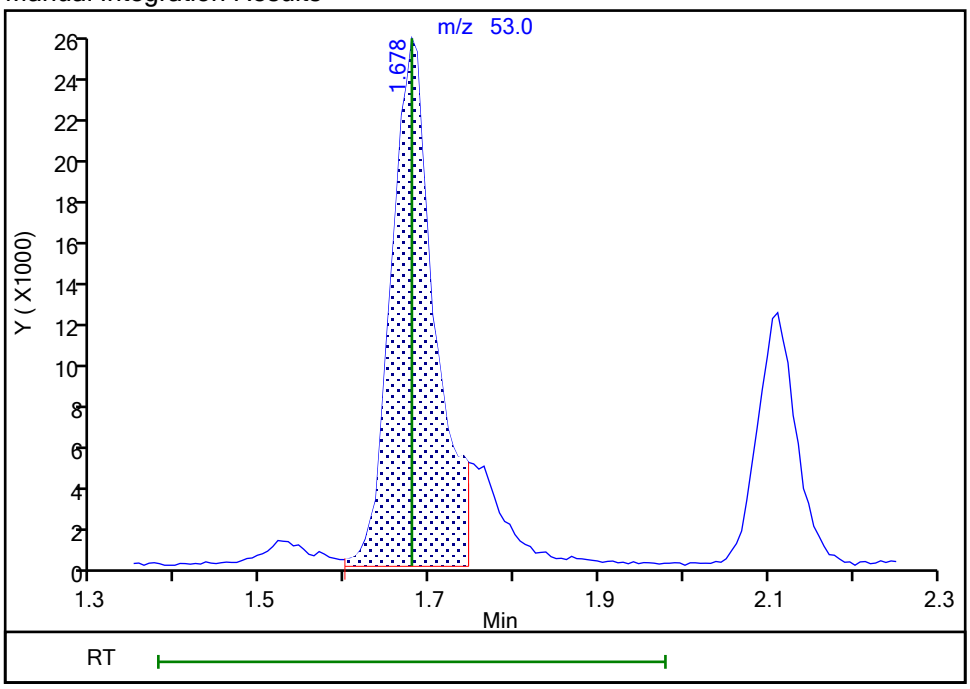
Processing Integration Results

RT: 1.68
Area: 105204
Amount: 18.015157
Amount Units: ug/l




Manual Integration Results

RT: 1.68
Area: 90671
Amount: 15.526523
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:28:48 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak Tail

Manual Integration/User Assign Peak Report

Eurofins Edison

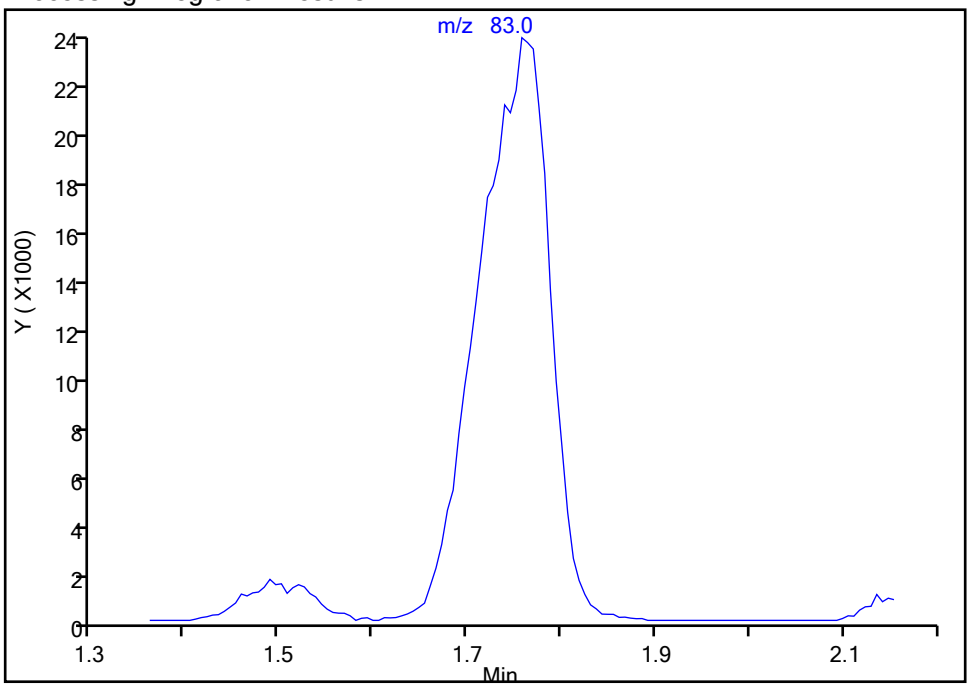
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 15 1,1,1-Trifluoro-2,2-dichloroetha, CAS: 306-83-2

Signal: 1

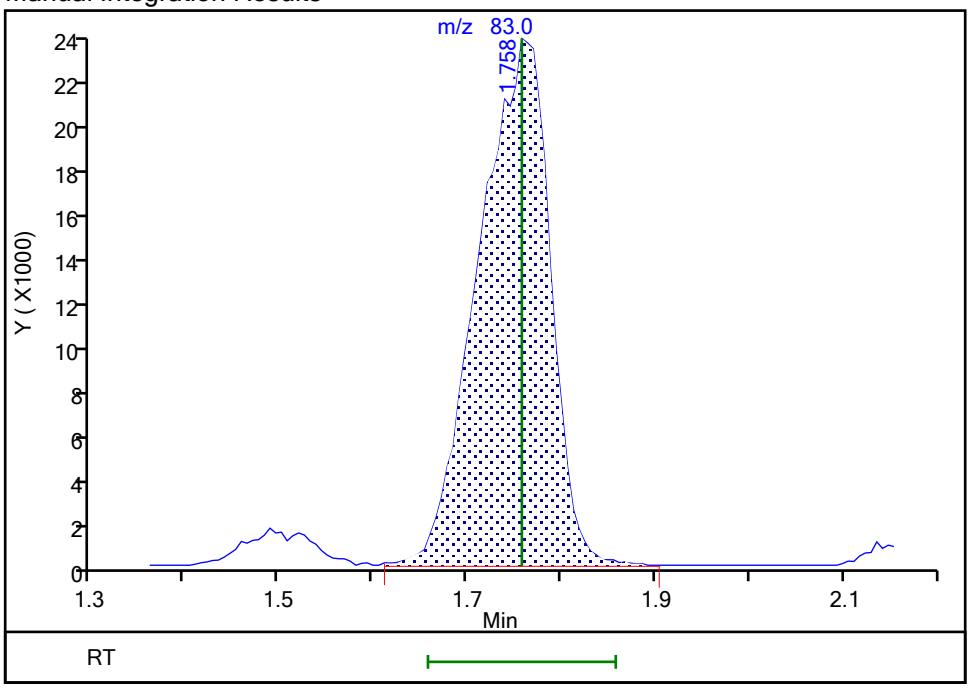
Not Detected
Expected RT: 1.76

Processing Integration Results




Manual Integration Results

RT: 1.76
Area: 126785
Amount: 17.859234
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:12:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

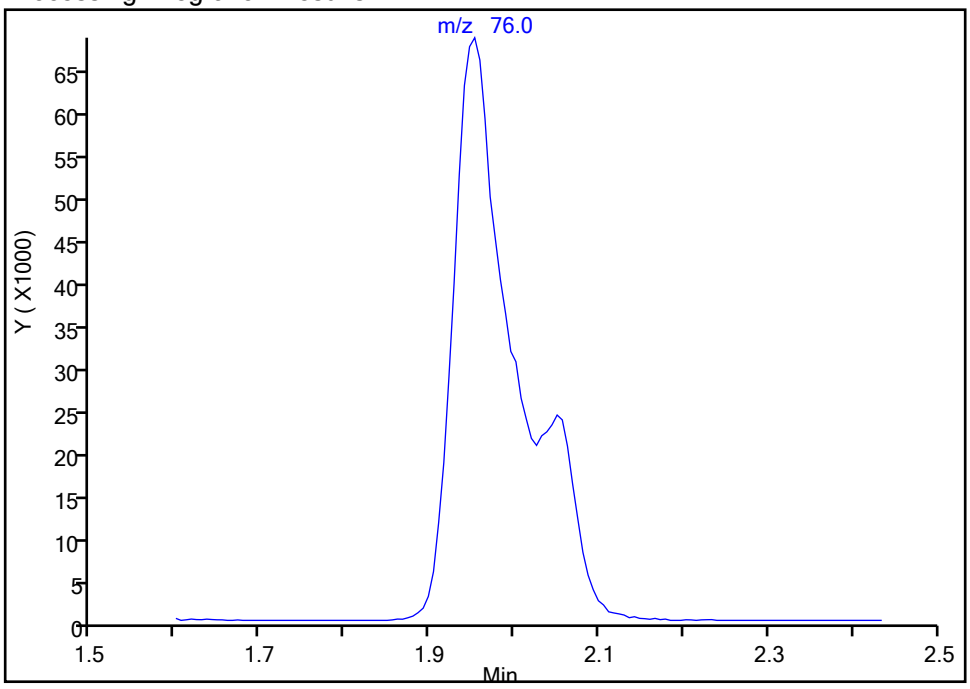
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

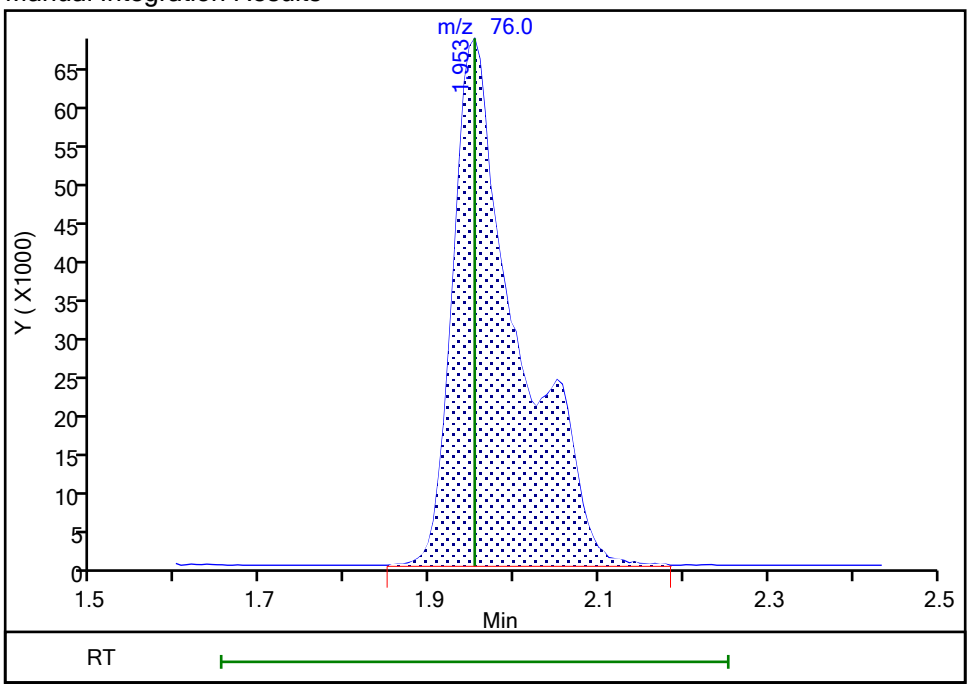
Not Detected
Expected RT: 1.95

Processing Integration Results




Manual Integration Results

RT: 1.95
Area: 363498
Amount: 23.253987
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:12:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

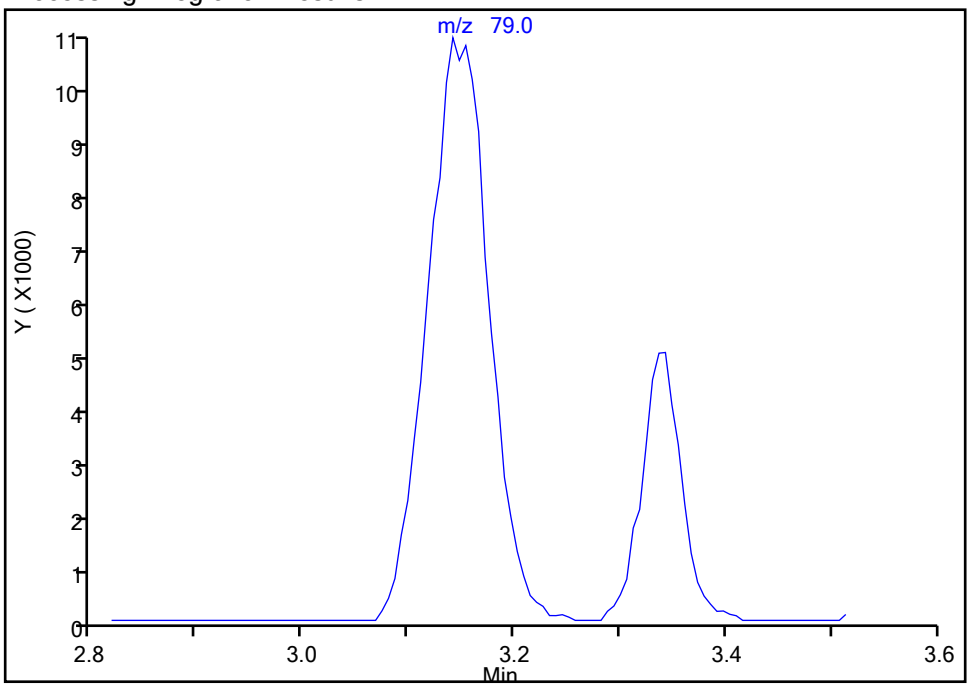
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

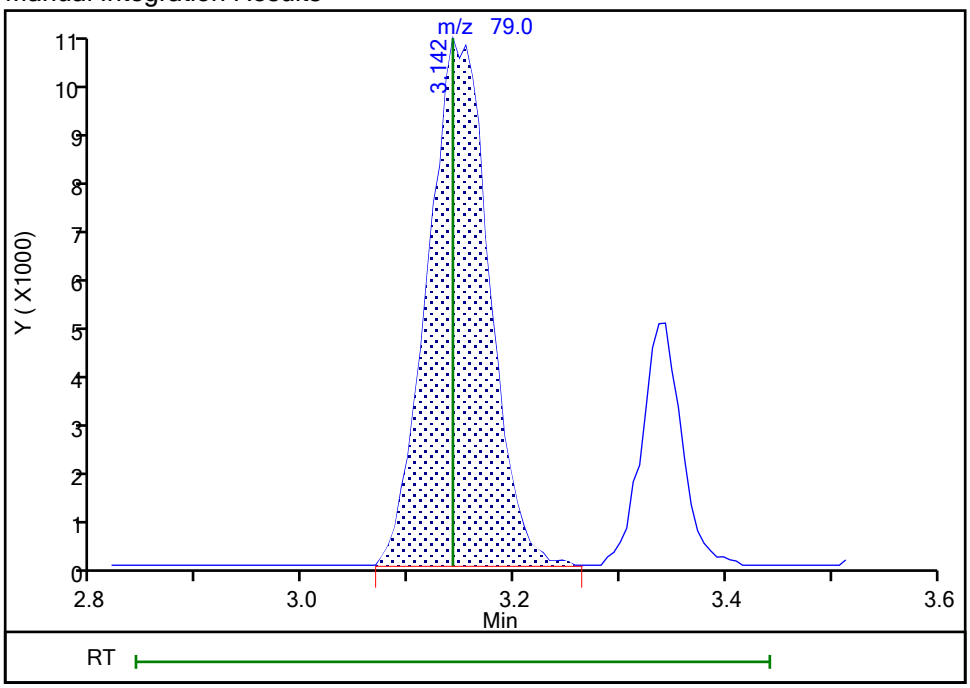
Not Detected
Expected RT: 3.14

Processing Integration Results




Manual Integration Results

RT: 3.14
Area: 40789
Amount: 18.383914
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:12:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

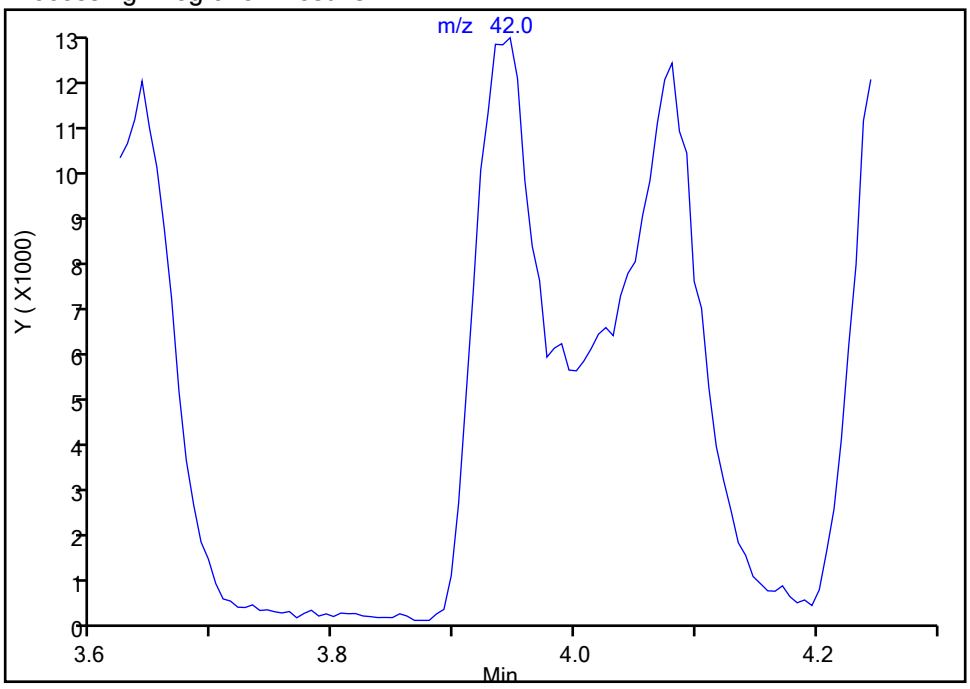
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

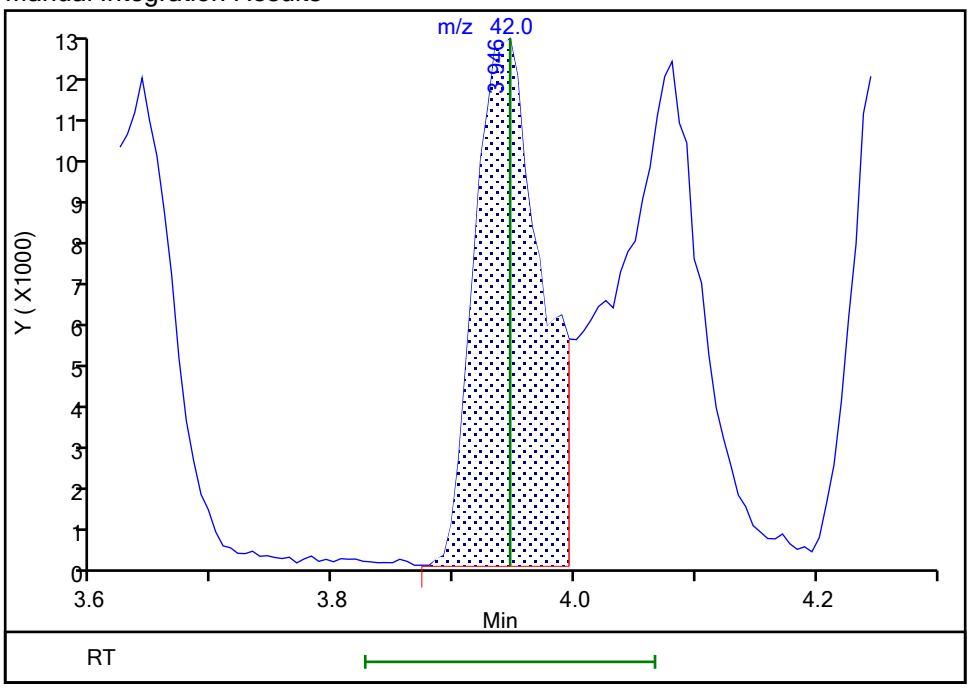
Not Detected
Expected RT: 3.95

Processing Integration Results




Manual Integration Results

RT: 3.95
Area: 49754
Amount: 459.8606
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:12:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

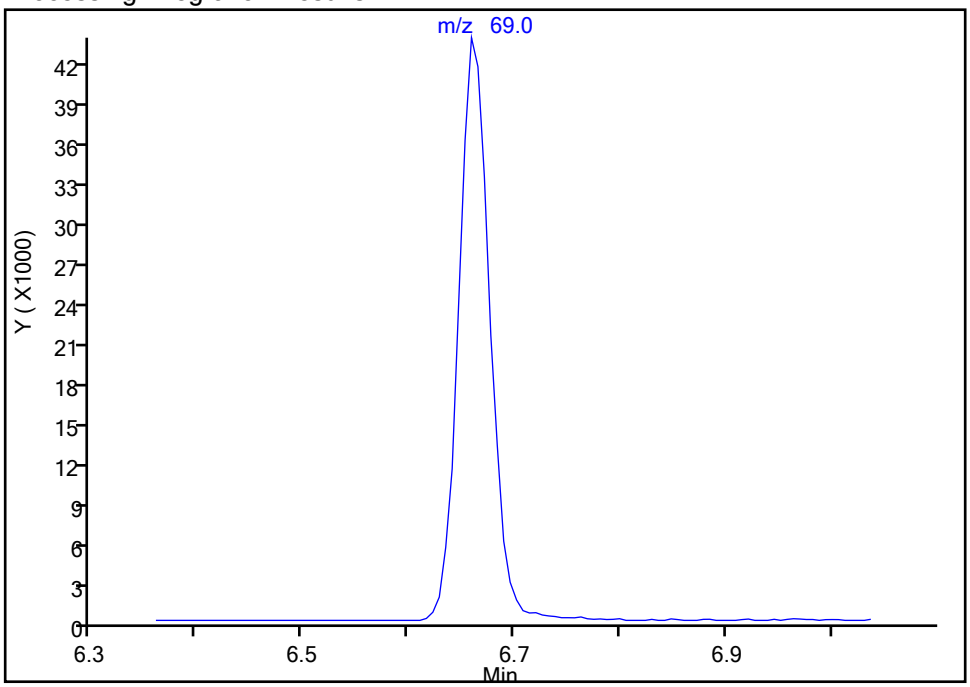
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 82 Ethyl methacrylate, CAS: 97-63-2

Signal: 1

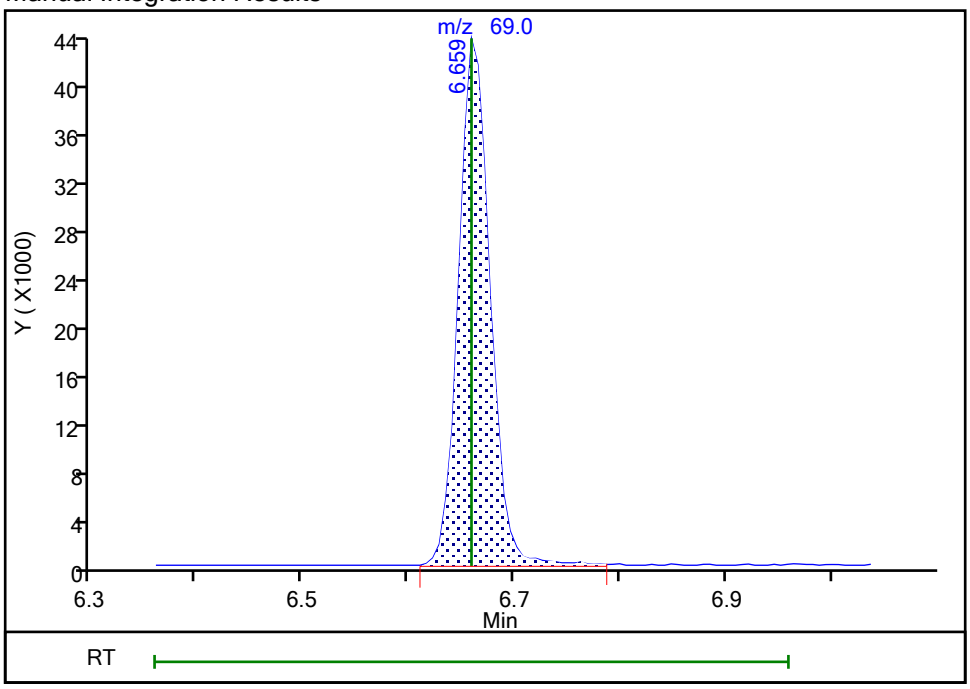
Not Detected
Expected RT: 6.66

Processing Integration Results




Manual Integration Results

RT: 6.66
Area: 90665
Amount: 15.850659
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 17:15:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

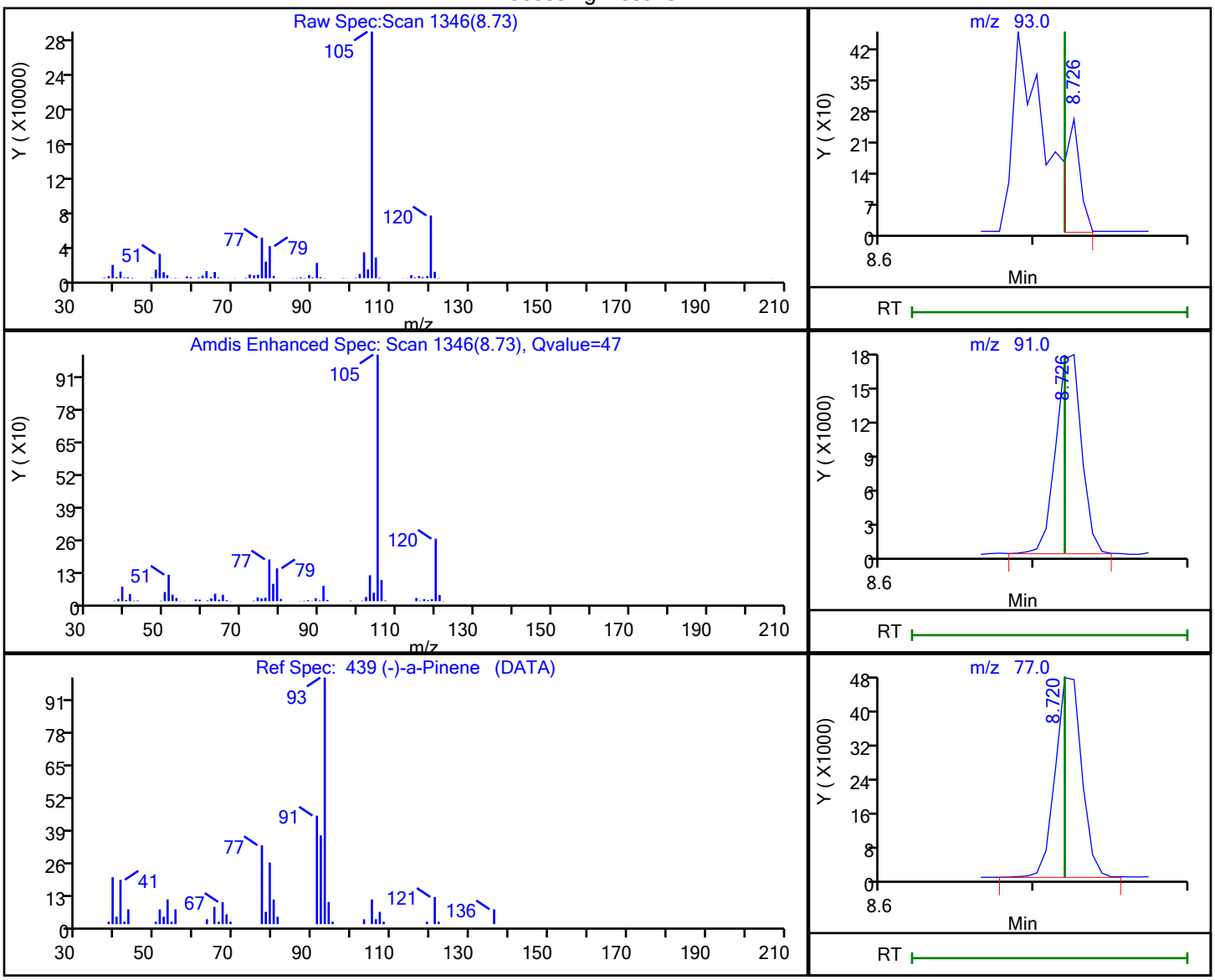
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20338.D
Injection Date: 10-Feb-2025 16:52:30 Instrument ID: CVOAMS2
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 439 (-)-a-Pinene, CAS: 7785-26-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.73 | 93.00 | 175 | 0.389012 |
| 8.73 | 91.00 | 20946 | |
| 8.72 | 77.00 | 57127 | |

Reviewer: NN6A, 11-Feb-2025 12:29:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1020046/15 Calibration Date: 02/07/2025 10:01

Instrument ID: CVOAMS4 Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/07/2025 07:19

Lab File ID: D24807.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 1.145 | 0.9847 | | 17.2 | 20.0 | -14.0 | 30.0 |
| Dichlorodifluoromethane | Ave | 0.4972 | 0.4241 | 0.1000 | 17.1 | 20.0 | -14.7 | 30.0 |
| Chlorodifluoromethane | Ave | 0.6603 | 0.5499 | | 16.7 | 20.0 | -16.7 | 30.0 |
| Chloromethane | Ave | 0.4692 | 0.3955 | 0.1000 | 16.9 | 20.0 | -15.7 | 30.0 |
| Vinyl chloride | Ave | 0.3754 | 0.3774 | 0.1000 | 20.1 | 20.0 | 0.5 | 30.0 |
| Butadiene | Ave | 0.3749 | 0.3858 | | 20.6 | 20.0 | 2.9 | 30.0 |
| Bromomethane | QuaF | | 0.1562 | 0.1000 | 34.8 | 20.0 | 73.8* | 30.0 |
| Chloroethane | Ave | 0.2362 | 0.2224 | 0.1000 | 18.8 | 20.0 | -5.8 | 30.0 |
| Dichlorofluoromethane | Ave | 0.6185 | 0.5941 | | 19.2 | 20.0 | -3.9 | 30.0 |
| Trichlorofluoromethane | Ave | 0.4114 | 0.4149 | 0.1000 | 20.2 | 20.0 | 0.9 | 30.0 |
| Pentane | Ave | 0.0621 | 0.0525 | | 33.8 | 40.0 | -15.5 | 30.0 |
| Ethanol | Ave | 0.0661 | 0.0529 | | 641 | 800 | -19.9 | 30.0 |
| Ethyl ether | Ave | 0.2501 | 0.2151 | | 17.2 | 20.0 | -14.0 | 30.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2891 | 0.2704 | | 18.7 | 20.0 | -6.4 | 30.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2267 | 0.2153 | | 19.0 | 20.0 | -5.0 | 30.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4394 | 0.4252 | | 19.4 | 20.0 | -3.2 | 30.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.2818 | 0.2743 | 0.1000 | 19.5 | 20.0 | -2.6 | 30.0 |
| Acrolein | Ave | 0.0344 | 0.0389 | | 335 | 296 | 13.0 | 30.0 |
| 1,1-Dichloroethene | Ave | 0.2856 | 0.2664 | 0.1000 | 18.7 | 20.0 | -6.7 | 30.0 |
| Acetone | Ave | 0.7158 | 0.6137 | 0.0500 | 85.7 | 100 | -14.3 | 30.0 |
| Iodomethane | Ave | 0.3188 | 0.2747 | | 17.2 | 20.0 | -13.8 | 30.0 |
| Carbon disulfide | Ave | 1.097 | 0.9854 | 0.1000 | 18.0 | 20.0 | -10.2 | 30.0 |
| Isopropyl alcohol | Ave | 0.7634 | 0.6458 | | 169 | 200 | -15.4 | 30.0 |
| 3-Chloro-1-propene | Ave | 0.1887 | 0.1692 | | 17.9 | 20.0 | -10.3 | 30.0 |
| Cyclopentene | Ave | 0.7440 | 0.5939 | | 16.0 | 20.0 | -20.2 | 30.0 |
| Methyl acetate | Ave | 0.1692 | 0.1410 | 0.0500 | 33.3 | 40.0 | -16.7 | 30.0 |
| Acetonitrile | Ave | 0.0158 | 0.0127 | | 160 | 200 | -20.1 | 30.0 |
| Methylene Chloride | Ave | 0.3458 | 0.2862 | 0.1000 | 16.6 | 20.0 | -17.2 | 30.0 |
| 2-Methyl-2-propanol | Ave | 1.237 | 1.053 | | 170 | 200 | -14.9 | 30.0 |
| Methyl tert-butyl ether | Ave | 0.7753 | 0.6693 | 0.1000 | 17.3 | 20.0 | -13.7 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 0.3147 | 0.2836 | 0.1000 | 18.0 | 20.0 | -9.9 | 30.0 |
| Acrylonitrile | Ave | 3.458 | 3.212 | | 186 | 200 | -7.1 | 30.0 |
| Hexane | Ave | 0.5251 | 0.4902 | | 18.7 | 20.0 | -6.6 | 30.0 |
| Isopropyl ether | Ave | 0.9534 | 0.8396 | | 17.6 | 20.0 | -11.9 | 30.0 |
| 1,1-Dichloroethane | Ave | 0.5785 | 0.5236 | 0.2000 | 18.1 | 20.0 | -9.5 | 30.0 |
| Vinyl acetate | Ave | 0.0551 | 0.0451 | | 32.8 | 40.0 | -18.1 | 30.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2809 | 0.2546 | | 18.1 | 20.0 | -9.3 | 30.0 |
| Tert-butyl ethyl ether | Ave | 0.9113 | 0.7855 | | 17.2 | 20.0 | -13.8 | 30.0 |
| 2,2-Dichloropropane | Ave | 0.1501 | 0.1301 | | 17.3 | 20.0 | -13.3 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1020046/15 Calibration Date: 02/07/2025 10:01

Instrument ID: CVOAMS4 Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/07/2025 07:19

Lab File ID: D24807.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.3308 | 0.2939 | 0.1000 | 17.8 | 20.0 | -11.1 | 30.0 |
| 2-Butanone (MEK) | Ave | 0.3146 | 0.2627 | 0.0500 | 83.5 | 100 | -16.5 | 30.0 |
| Ethyl acetate | Ave | 1.139 | 0.9405 | | 33.0 | 40.0 | -17.4 | 30.0 |
| Methyl acrylate | Ave | 0.2117 | 0.1721 | | 16.3 | 20.0 | -18.7 | 30.0 |
| Propionitrile | Ave | 1.356 | 1.194 | | 176 | 200 | -12.0 | 30.0 |
| Tetrahydrofuran | Ave | 1.332 | 1.109 | | 33.3 | 40.0 | -16.7 | 30.0 |
| Chlorobromomethane | Ave | 0.1313 | 0.1105 | | 16.8 | 20.0 | -15.8 | 30.0 |
| Methacrylonitrile | Ave | 0.0994 | 0.0830 | | 167 | 200 | -16.4 | 30.0 |
| Chloroform | Ave | 0.5159 | 0.4593 | 0.2000 | 17.8 | 20.0 | -11.0 | 30.0 |
| Cyclohexane | Ave | 0.4549 | 0.4355 | 0.1000 | 19.1 | 20.0 | -4.3 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.4256 | 0.3923 | 0.1000 | 18.4 | 20.0 | -7.8 | 30.0 |
| Carbon tetrachloride | Ave | 0.3597 | 0.3197 | 0.1000 | 17.8 | 20.0 | -11.1 | 30.0 |
| 1,1-Dichloropropene | Ave | 0.4554 | 0.3947 | | 17.3 | 20.0 | -13.3 | 30.0 |
| Isobutyl alcohol | Ave | 0.8807 | 0.7911 | | 449 | 500 | -10.2 | 30.0 |
| Isooctane | Ave | 1.277 | 1.192 | | 18.7 | 20.0 | -6.6 | 30.0 |
| Benzene | Ave | 1.827 | 1.649 | 0.5000 | 18.1 | 20.0 | -9.7 | 30.0 |
| Tert-amyl methyl ether | Ave | 0.2431 | 0.1975 | | 16.3 | 20.0 | -18.7 | 30.0 |
| Isopropyl acetate | Ave | 0.1427 | 0.1175 | | 16.5 | 20.0 | -17.6 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3592 | 0.3038 | 0.1000 | 16.9 | 20.0 | -15.4 | 30.0 |
| n-Heptane | Ave | 0.5437 | 0.5030 | | 18.5 | 20.0 | -7.5 | 30.0 |
| n-Butanol | Ave | 0.3413 | 0.2855 | | 418 | 500 | -16.3 | 30.0 |
| Trichloroethene | Ave | 0.3139 | 0.2833 | 0.2000 | 18.1 | 20.0 | -9.7 | 30.0 |
| Methylcyclohexane | Ave | 0.5645 | 0.5255 | 0.1000 | 18.6 | 20.0 | -6.9 | 30.0 |
| Ethyl acrylate | Ave | 0.3670 | 0.3115 | | 17.0 | 20.0 | -15.1 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3232 | 0.2839 | 0.1000 | 17.6 | 20.0 | -12.2 | 30.0 |
| Methyl methacrylate | Ave | 0.0658 | 0.0527 | | 32.1 | 40.0 | -19.8 | 30.0 |
| 1,4-Dioxane | Ave | 1.467 | 1.151 | | 314 | 400 | -21.5 | 30.0 |
| Dibromomethane | Ave | 0.1715 | 0.1427 | | 16.6 | 20.0 | -16.8 | 30.0 |
| n-Propyl acetate | Ave | 0.3608 | 0.2747 | | 15.2 | 20.0 | -23.9 | 30.0 |
| Dichlorobromomethane | Ave | 0.3778 | 0.3337 | 0.2000 | 17.7 | 20.0 | -11.7 | 30.0 |
| 2-Nitropropane | Ave | 0.0718 | 0.0518 | | 28.9 | 40.0 | -27.8 | 30.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1715 | 0.1463 | | 17.1 | 20.0 | -14.7 | 30.0 |
| Epichlorohydrin | Ave | 0.9159 | 1.000 | | 21.8 | 20.0 | 9.2 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.7499 | 0.6087 | 0.2000 | 16.2 | 20.0 | -18.8 | 30.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.466 | 2.072 | 0.0500 | 84.0 | 100 | -16.0 | 30.0 |
| Toluene | Ave | 1.888 | 1.667 | 0.4000 | 17.7 | 20.0 | -11.7 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.6518 | 0.5594 | 0.1000 | 17.2 | 20.0 | -14.2 | 30.0 |
| Ethyl methacrylate | Ave | 0.3573 | 0.2796 | | 15.7 | 20.0 | -21.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3069 | 0.2655 | 0.1000 | 17.3 | 20.0 | -13.5 | 30.0 |
| Tetrachloroethene | Ave | 0.3914 | 0.3482 | 0.2000 | 17.8 | 20.0 | -11.0 | 30.0 |
| 1,3-Dichloropropane | Ave | 0.6128 | 0.5198 | | 17.0 | 20.0 | -15.2 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1020046/15  Calibration Date: 02/07/2025 10:01

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24807.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | Ave | 1.761 | 1.463 | 0.0500 | 83.1 | 100 | -16.9 | 30.0 |
| n-Butyl acetate | Ave | 0.1061 | 0.0789 | | 14.9 | 20.0 | -25.6 | 30.0 |
| Chlorodibromomethane | Ave | 0.3819 | 0.3207 | 0.1000 | 16.8 | 20.0 | -16.0 | 30.0 |
| Ethylene Dibromide | Ave | 0.3516 | 0.2927 | 0.1000 | 16.6 | 20.0 | -16.8 | 30.0 |
| Chlorobenzene | Ave | 1.121 | 0.9799 | 0.5000 | 17.5 | 20.0 | -12.6 | 30.0 |
| Ethylbenzene | Ave | 0.6312 | 0.5605 | 0.1000 | 17.8 | 20.0 | -11.2 | 30.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3618 | 0.3272 | | 18.1 | 20.0 | -9.6 | 30.0 |
| m-Xylene & p-Xylene | Ave | 0.7984 | 0.6937 | 0.1000 | 17.4 | 20.0 | -13.1 | 30.0 |
| n-Butyl acrylate | Ave | 0.3232 | 0.2498 | | 15.5 | 20.0 | -22.7 | 30.0 |
| o-Xylene | Ave | 0.7354 | 0.6519 | 0.3000 | 17.7 | 20.0 | -11.4 | 30.0 |
| Styrene | Ave | 1.257 | 1.111 | 0.3000 | 17.7 | 20.0 | -11.6 | 30.0 |
| Amyl acetate (mixed isomers) | Ave | 1.331 | 1.124 | | 16.9 | 20.0 | -15.6 | 30.0 |
| Bromoform | Ave | 0.2164 | 0.1726 | 0.1000 | 16.0 | 20.0 | -20.2 | 30.0 |
| Isopropylbenzene | Ave | 1.800 | 1.790 | 0.1000 | 19.9 | 20.0 | -0.5 | 30.0 |
| Bromobenzene | Ave | 0.8107 | 0.7367 | | 18.2 | 20.0 | -9.1 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9300 | 0.7938 | 0.3000 | 17.1 | 20.0 | -14.6 | 30.0 |
| N-Propylbenzene | Ave | 4.826 | 4.707 | | 19.5 | 20.0 | -2.5 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.2381 | 0.2007 | | 16.9 | 20.0 | -15.7 | 30.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.3016 | 0.2548 | | 16.9 | 20.0 | -15.5 | 30.0 |
| 4-Ethyltoluene | Ave | 3.850 | 3.629 | | 18.9 | 20.0 | -5.7 | 30.0 |
| 2-Chlorotoluene | Ave | 3.225 | 3.052 | | 18.9 | 20.0 | -5.4 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 3.251 | 3.070 | | 18.9 | 20.0 | -5.6 | 30.0 |
| 4-Chlorotoluene | Ave | 3.049 | 2.821 | | 18.5 | 20.0 | -7.5 | 30.0 |
| Butyl Methacrylate | Ave | 1.157 | 0.998 | | 17.2 | 20.0 | -13.8 | 30.0 |
| tert-Butylbenzene | Ave | 2.648 | 2.539 | | 19.2 | 20.0 | -4.1 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 3.257 | 3.045 | | 18.7 | 20.0 | -6.5 | 30.0 |
| sec-Butylbenzene | Ave | 4.212 | 4.049 | | 19.2 | 20.0 | -3.9 | 30.0 |
| 4-Isopropyltoluene | Ave | 3.415 | 3.186 | | 18.7 | 20.0 | -6.7 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.638 | 1.501 | 0.6000 | 18.3 | 20.0 | -8.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.670 | 1.520 | 0.5000 | 18.2 | 20.0 | -9.0 | 30.0 |
| 1,2,3-Trimethylbenzene | Ave | 3.394 | 3.119 | | 18.4 | 20.0 | -8.1 | 30.0 |
| Benzyl chloride | Ave | 0.3507 | 0.2909 | | 16.6 | 20.0 | -17.1 | 30.0 |
| Indan | Ave | 1.141 | 0.9675 | | 17.0 | 20.0 | -15.2 | 30.0 |
| p-Diethylbenzene | Ave | 2.341 | 2.151 | | 18.4 | 20.0 | -8.1 | 30.0 |
| n-Butylbenzene | Ave | 2.109 | 1.935 | | 18.4 | 20.0 | -8.2 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.552 | 1.366 | 0.4000 | 17.6 | 20.0 | -12.0 | 30.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 3.099 | 2.788 | | 18.0 | 20.0 | -10.0 | 30.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1619 | 0.1230 | 0.0500 | 15.2 | 20.0 | -24.0 | 30.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.094 | 0.9810 | | 17.9 | 20.0 | -10.3 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9322 | 0.8213 | 0.2000 | 17.6 | 20.0 | -11.9 | 30.0 |
| Hexachlorobutadiene | Ave | 0.4656 | 0.4427 | | 19.0 | 20.0 | -4.9 | 30.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1020046/15  Calibration Date: 02/07/2025 10:01

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24807.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 2.411 | 1.995 | | 16.5 | 20.0 | -17.3 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.8114 | 0.7138 | | 17.6 | 20.0 | -12.0 | 30.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2395 | 0.2380 | | 49.7 | 50.0 | -0.6 | 30.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2498 | 0.2493 | | 49.9 | 50.0 | -0.2 | 30.0 |
| Toluene-d8 (Surr) | Ave | 1.478 | 1.446 | | 48.9 | 50.0 | -2.2 | 30.0 |
| 4-Bromofluorobenzene | Ave | 0.7608 | 0.7813 | | 51.3 | 50.0 | 2.7 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24807.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Feb-2025 10:01:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0186631-015
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub48

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 09-Feb-2025 13:22:01 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1702

First Level Reviewer: NN6A Date: 09-Feb-2025 13:22:07

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.335 | 1.342 | -0.007 | 89 | 22777 | 20.0 | 17.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.371 | 1.370 | 0.000 | 99 | 110220 | 20.0 | 17.1 | |
| 3 Chlorodifluoromethane | 51 | 1.399 | 1.399 | 0.000 | 97 | 142915 | 20.0 | 16.7 | |
| 4 Chloromethane | 50 | 1.564 | 1.571 | -0.007 | 99 | 102774 | 20.0 | 16.9 | |
| 5 Vinyl chloride | 62 | 1.657 | 1.657 | 0.000 | 98 | 98073 | 20.0 | 20.1 | |
| 6 Butadiene | 54 | 1.686 | 1.686 | 0.000 | 97 | 100274 | 20.0 | 20.6 | |
| 7 Bromomethane | 94 | 1.972 | 1.979 | -0.007 | 99 | 40585 | 20.0 | 34.8 | |
| 8 Chloroethane | 64 | 2.072 | 2.080 | -0.008 | 100 | 57796 | 20.0 | 18.8 | |
| 9 Trichlorofluoromethane | 101 | 2.287 | 2.294 | -0.007 | 98 | 107829 | 20.0 | 20.2 | |
| 10 Dichlorofluoromethane | 67 | 2.287 | 2.294 | -0.007 | 98 | 154392 | 20.0 | 19.2 | |
| 11 Pentane | 72 | 2.345 | 2.345 | 0.000 | 96 | 27288 | 40.0 | 33.8 | |
| 12 Ethanol | 46 | 2.545 | 2.552 | -0.007 | 96 | 11950 | 800.0 | 640.5 | |
| 13 Ethyl ether | 59 | 2.574 | 2.581 | -0.007 | 95 | 55908 | 20.0 | 17.2 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.588 | 2.595 | -0.007 | 97 | 70285 | 20.0 | 18.7 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.638 | 2.645 | -0.007 | 96 | 55957 | 20.0 | 19.0 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.710 | 2.717 | -0.007 | 96 | 110502 | 20.0 | 19.4 | |
| 18 Acrolein | 56 | 2.767 | 2.774 | -0.007 | 96 | 149775 | 296.3 | 334.9 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.767 | 2.774 | -0.007 | 93 | 71294 | 20.0 | 19.5 | |
| 19 1,1-Dichloroethene | 96 | 2.796 | 2.803 | -0.007 | 96 | 69243 | 20.0 | 18.7 | |
| 20 Acetone | 43 | 2.918 | 2.925 | -0.007 | 87 | 70985 | 100.0 | 85.7 | |
| 21 Iodomethane | 142 | 2.968 | 2.968 | 0.000 | 99 | 71398 | 20.0 | 17.2 | |
| 22 Carbon disulfide | 76 | 2.997 | 3.004 | -0.008 | 99 | 256088 | 20.0 | 18.0 | |
| 23 Isopropyl alcohol | 45 | 3.039 | 3.047 | -0.008 | 99 | 36468 | 200.0 | 169.2 | |
| 24 3-Chloro-1-propene | 76 | 3.176 | 3.183 | -0.007 | 89 | 43974 | 20.0 | 17.9 | |
| 25 Cyclopentene | 67 | 3.190 | 3.204 | -0.014 | 94 | 154352 | 20.0 | 16.0 | |
| 26 Methyl acetate | 43 | 3.204 | 3.211 | -0.007 | 100 | 73293 | 40.0 | 33.3 | |
| 27 Acetonitrile | 40 | 3.262 | 3.269 | -0.007 | 99 | 32910 | 200.0 | 159.8 | |
| 28 Methylene Chloride | 84 | 3.333 | 3.340 | -0.007 | 94 | 74388 | 20.0 | 16.6 | |
| * 29 TBA-d9 (IS) | 65 | 3.340 | 3.355 | -0.015 | 0 | 282349 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.426 | 3.433 | -0.007 | 99 | 59466 | 200.0 | 170.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.527 | 3.534 | -0.007 | 97 | 173951 | 20.0 | 17.3 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.548 | 3.562 | -0.014 | 97 | 73711 | 20.0 | 18.0 | |
| 33 Acrylonitrile | 53 | 3.648 | 3.655 | -0.007 | 94 | 181379 | 200.0 | 185.8 | |
| 34 Hexane | 57 | 3.749 | 3.756 | -0.007 | 94 | 127400 | 20.0 | 18.7 | |
| 35 Isopropyl ether | 45 | 4.014 | 4.021 | -0.007 | 98 | 218209 | 20.0 | 17.6 | |
| 36 1,1-Dichloroethane | 63 | 4.028 | 4.035 | -0.007 | 99 | 136083 | 20.0 | 18.1 | |
| 37 Vinyl acetate | 86 | 4.071 | 4.078 | -0.007 | 100 | 23434 | 40.0 | 32.8 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.085 | 4.092 | -0.007 | 91 | 66174 | 20.0 | 18.1 | |
| 39 Tert-butyl ethyl ether | 59 | 4.393 | 4.400 | -0.007 | 88 | 204133 | 20.0 | 17.2 | |
| 40 2,2-Dichloropropane | 79 | 4.623 | 4.630 | -0.007 | 95 | 33819 | 20.0 | 17.3 | |
| * 41 2-Butanone-d5 | 46 | 4.623 | 4.637 | -0.014 | 94 | 289150 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.658 | 4.665 | -0.007 | 97 | 76389 | 20.0 | 17.8 | |
| 43 2-Butanone (MEK) | 72 | 4.694 | 4.701 | -0.007 | 99 | 30384 | 100.0 | 83.5 | |
| 44 Ethyl acetate | 70 | 4.716 | 4.723 | -0.007 | 97 | 10622 | 40.0 | 33.0 | |
| 45 Methyl acrylate | 55 | 4.766 | 4.780 | -0.014 | 100 | 44718 | 20.0 | 16.3 | |
| 46 Propionitrile | 54 | 4.852 | 4.859 | -0.007 | 98 | 67398 | 200.0 | 176.1 | |
| 47 Tetrahydrofuran | 72 | 4.923 | 4.938 | -0.015 | 96 | 12526 | 40.0 | 33.3 | |
| 48 Chlorobromomethane | 128 | 4.931 | 4.938 | -0.007 | 94 | 28728 | 20.0 | 16.8 | |
| 49 Methacrylonitrile | 67 | 4.974 | 4.981 | -0.007 | 92 | 215766 | 200.0 | 167.1 | |
| 50 Chloroform | 83 | 5.009 | 5.016 | -0.007 | 98 | 119355 | 20.0 | 17.8 | |
| 51 Cyclohexane | 84 | 5.138 | 5.145 | -0.007 | 92 | 113189 | 20.0 | 19.1 | |
| 52 1,1,1-Trichloroethane | 97 | 5.160 | 5.174 | -0.014 | 99 | 101944 | 20.0 | 18.4 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.196 | 5.210 | -0.014 | 95 | 154626 | 50.0 | 49.7 | |
| 54 Carbon tetrachloride | 117 | 5.303 | 5.310 | -0.007 | 98 | 83081 | 20.0 | 17.8 | |
| 55 1,1-Dichloropropene | 75 | 5.353 | 5.360 | -0.007 | 97 | 102567 | 20.0 | 17.3 | |
| 56 Isobutyl alcohol | 43 | 5.561 | 5.568 | -0.007 | 92 | 111681 | 500.0 | 449.1 | |
| 137 Isooctane | 57 | 5.568 | 5.575 | -0.007 | 94 | 309752 | 20.0 | 18.7 | |
| 57 Benzene | 78 | 5.590 | 5.597 | -0.007 | 97 | 286286 | 20.0 | 18.1 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.618 | 5.625 | -0.007 | 99 | 161954 | 50.0 | 49.9 | |
| 59 Tert-amyl methyl ether | 87 | 5.697 | 5.704 | -0.007 | 91 | 51335 | 20.0 | 16.3 | |
| 60 Isopropyl acetate | 61 | 5.704 | 5.718 | -0.014 | 100 | 30537 | 20.0 | 16.5 | |
| 61 1,2-Dichloroethane | 62 | 5.711 | 5.718 | -0.007 | 97 | 78950 | 20.0 | 16.9 | |
| 62 n-Heptane | 43 | 5.812 | 5.819 | -0.007 | 93 | 130730 | 20.0 | 18.5 | |
| * 63 Fluorobenzene | 96 | 5.955 | 5.962 | -0.007 | 98 | 649717 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.377 | 6.385 | -0.008 | 87 | 40312 | 500.0 | 418.3 | |
| 65 Trichloroethene | 95 | 6.385 | 6.399 | -0.014 | 95 | 73631 | 20.0 | 18.1 | |
| 66 Methylcyclohexane | 83 | 6.528 | 6.535 | -0.007 | 97 | 136572 | 20.0 | 18.6 | |
| 67 Ethyl acrylate | 55 | 6.571 | 6.585 | -0.014 | 98 | 80947 | 20.0 | 17.0 | |
| 68 1,2-Dichloropropane | 63 | 6.736 | 6.750 | -0.014 | 92 | 73788 | 20.0 | 17.6 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.814 | 6.829 | -0.015 | 0 | 24981 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.865 | 6.872 | -0.007 | 91 | 27407 | 40.0 | 32.1 | |
| 71 1,4-Dioxane | 88 | 6.879 | 6.893 | -0.014 | 87 | 11504 | 400.0 | 314.0 | |
| 72 Dibromomethane | 93 | 6.886 | 6.893 | -0.007 | 94 | 37074 | 20.0 | 16.6 | |
| 73 n-Propyl acetate | 43 | 6.936 | 6.943 | -0.007 | 99 | 71387 | 20.0 | 15.2 | |
| 74 Dichlorobromomethane | 83 | 7.065 | 7.079 | -0.014 | 99 | 86715 | 20.0 | 17.7 | |
| 75 2-Nitropropane | 41 | 7.416 | 7.430 | -0.014 | 97 | 26929 | 40.0 | 28.9 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.430 | 7.445 | -0.015 | 97 | 38015 | 20.0 | 17.1 | |
| 77 Epichlorohydrin | 57 | 7.524 | 7.531 | -0.007 | 99 | 5646 | 20.0 | 21.8 | a |
| 78 cis-1,3-Dichloropropene | 75 | 7.574 | 7.581 | -0.007 | 93 | 105693 | 20.0 | 16.2 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.738 | 7.746 | -0.008 | 97 | 239619 | 100.0 | 84.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.796 | 7.803 | -0.007 | 99 | 627869 | 50.0 | 48.9 | |
| 81 Toluene | 91 | 7.860 | 7.867 | -0.007 | 93 | 289428 | 20.0 | 17.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.168 | 8.175 | -0.007 | 95 | 97132 | 20.0 | 17.2 | |
| 83 Ethyl methacrylate | 69 | 8.197 | 8.204 | -0.007 | 90 | 72656 | 20.0 | 15.7 | |
| 84 1,1,2-Trichloroethane | 83 | 8.340 | 8.347 | -0.007 | 97 | 46092 | 20.0 | 17.3 | |
| 85 Tetrachloroethene | 166 | 8.362 | 8.369 | -0.007 | 93 | 60456 | 20.0 | 17.8 | |
| 86 1,3-Dichloropropane | 76 | 8.498 | 8.505 | -0.007 | 97 | 90251 | 20.0 | 17.0 | |
| 87 2-Hexanone | 43 | 8.548 | 8.555 | -0.007 | 96 | 169185 | 100.0 | 83.1 | |
| 88 n-Butyl acetate | 73 | 8.641 | 8.648 | -0.007 | 99 | 13701 | 20.0 | 14.9 | |
| 89 Chlorodibromomethane | 129 | 8.670 | 8.677 | -0.007 | 98 | 55686 | 20.0 | 16.8 | |
| 90 Ethylene Dibromide | 107 | 8.777 | 8.784 | -0.007 | 98 | 50820 | 20.0 | 16.6 | |
| * 91 Chlorobenzene-d5 | 117 | 9.157 | 9.164 | -0.007 | 89 | 434063 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.185 | 9.193 | -0.007 | 92 | 170140 | 20.0 | 17.5 | |
| 93 Ethylbenzene | 106 | 9.250 | 9.257 | -0.007 | 99 | 97311 | 20.0 | 17.8 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.264 | 9.271 | -0.007 | 95 | 56812 | 20.0 | 18.1 | |
| 95 m-Xylene & p-Xylene | 106 | 9.350 | 9.357 | -0.007 | 0 | 120447 | 20.0 | 17.4 | |
| 96 n-Butyl acrylate | 73 | 9.658 | 9.665 | -0.007 | 96 | 43372 | 20.0 | 15.5 | |
| 97 o-Xylene | 106 | 9.680 | 9.687 | -0.007 | 93 | 113188 | 20.0 | 17.7 | |
| 98 Styrene | 104 | 9.708 | 9.708 | 0.000 | 94 | 192848 | 20.0 | 17.7 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.837 | 9.844 | -0.007 | 91 | 94296 | 20.0 | 16.9 | |
| 100 Bromoform | 173 | 9.880 | 9.880 | 0.000 | 94 | 29976 | 20.0 | 16.0 | |
| 101 Isopropylbenzene | 105 | 9.966 | 9.973 | -0.007 | 96 | 310780 | 20.0 | 19.9 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.124 | 10.131 | -0.007 | 0 | 163939 | 50.0 | 51.3 | |
| 103 Bromobenzene | 156 | 10.238 | 10.245 | -0.007 | 94 | 61830 | 20.0 | 18.2 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.260 | 10.267 | -0.007 | 99 | 66618 | 20.0 | 17.1 | |
| 105 N-Propylbenzene | 91 | 10.281 | 10.288 | -0.007 | 98 | 395059 | 20.0 | 19.5 | |
| 106 1,2,3-Trichloropropane | 110 | 10.303 | 10.310 | -0.007 | 94 | 16846 | 20.0 | 16.9 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.310 | 10.317 | -0.007 | 85 | 21381 | 20.0 | 16.9 | |
| 108 4-Ethyltoluene | 105 | 10.367 | 10.374 | -0.007 | 98 | 304540 | 20.0 | 18.9 | |
| 109 2-Chlorotoluene | 91 | 10.374 | 10.382 | -0.008 | 96 | 256119 | 20.0 | 18.9 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.417 | 10.425 | -0.008 | 93 | 257654 | 20.0 | 18.9 | |
| 111 4-Chlorotoluene | 91 | 10.460 | 10.468 | -0.008 | 99 | 236772 | 20.0 | 18.5 | |
| 112 Butyl Methacrylate | 87 | 10.482 | 10.489 | -0.007 | 92 | 83739 | 20.0 | 17.2 | |
| 113 tert-Butylbenzene | 119 | 10.654 | 10.661 | -0.007 | 92 | 213059 | 20.0 | 19.2 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.704 | 10.711 | -0.007 | 98 | 255586 | 20.0 | 18.7 | |
| 115 sec-Butylbenzene | 105 | 10.819 | 10.826 | -0.007 | 99 | 339788 | 20.0 | 19.2 | |
| 116 4-Isopropyltoluene | 119 | 10.919 | 10.926 | -0.007 | 97 | 267409 | 20.0 | 18.7 | |
| 117 1,3-Dichlorobenzene | 146 | 10.933 | 10.940 | -0.007 | 93 | 125946 | 20.0 | 18.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.990 | 10.998 | -0.008 | 98 | 209818 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 11.005 | 11.012 | -0.007 | 92 | 127552 | 20.0 | 18.2 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.019 | 11.026 | -0.007 | 99 | 261768 | 20.0 | 18.4 | |
| 121 Benzyl chloride | 126 | 11.112 | 11.119 | -0.007 | 98 | 24412 | 20.0 | 16.6 | |
| 122 2,3-Dihydroindene | 117 | 11.170 | 11.170 | 0.000 | 94 | 251451 | 20.0 | 17.0 | |
| 123 p-Diethylbenzene | 119 | 11.198 | 11.205 | -0.007 | 93 | 180512 | 20.0 | 18.4 | |
| 124 n-Butylbenzene | 92 | 11.220 | 11.220 | 0.000 | 97 | 162424 | 20.0 | 18.4 | |
| 125 1,2-Dichlorobenzene | 146 | 11.284 | 11.284 | 0.000 | 94 | 114683 | 20.0 | 17.6 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.800 | 11.807 | -0.007 | 96 | 233964 | 20.0 | 18.0 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.907 | 11.914 | -0.007 | 94 | 10320 | 20.0 | 15.2 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.029 | 12.036 | -0.007 | 96 | 82334 | 20.0 | 17.9 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.624 | 12.631 | -0.007 | 94 | 68933 | 20.0 | 17.6 | |
| 130 Hexachlorobutadiene | 225 | 12.731 | 12.738 | -0.007 | 90 | 37153 | 20.0 | 19.0 | |
| 131 Naphthalene | 128 | 12.896 | 12.910 | -0.014 | 99 | 167417 | 20.0 | 16.5 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.168 | 13.175 | -0.007 | 95 | 59907 | 20.0 | 17.6 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 35.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 33.4 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 35.1 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 88.6 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN SP_00174 | Amount Added: | 3.00 | Units: uL | | |
| 7 Freons SS_00023 | Amount Added: | 2.00 | Units: uL | | |
| GAS C SP_00607 | Amount Added: | 2.00 | Units: uL | | |
| 8260 SP_00189 | Amount Added: | 2.00 | Units: uL | | |
| alpha-Pinene_00006 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

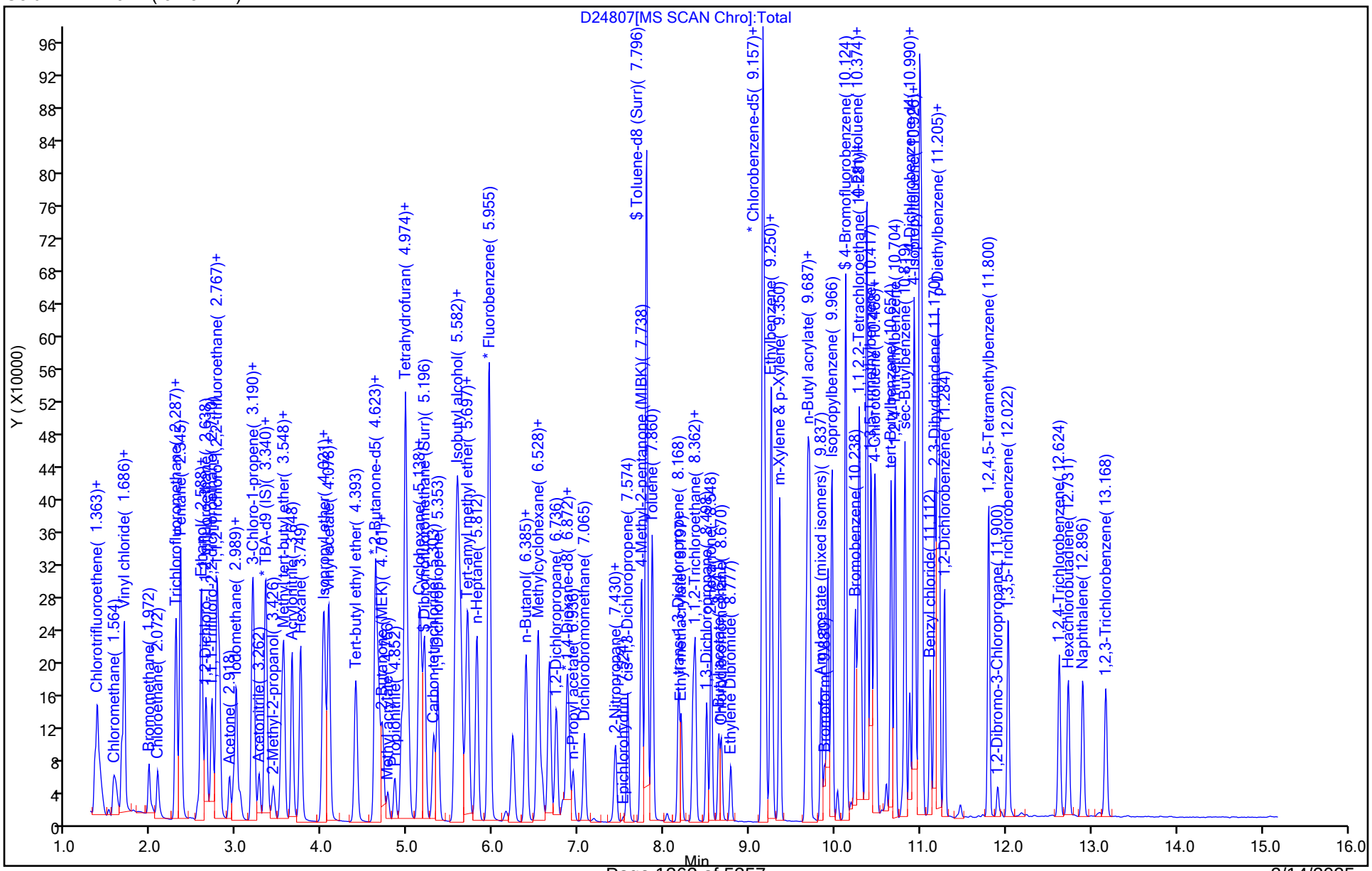
Report Date: 09-Feb-2025 13:22:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24807.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 10:01:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 15 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

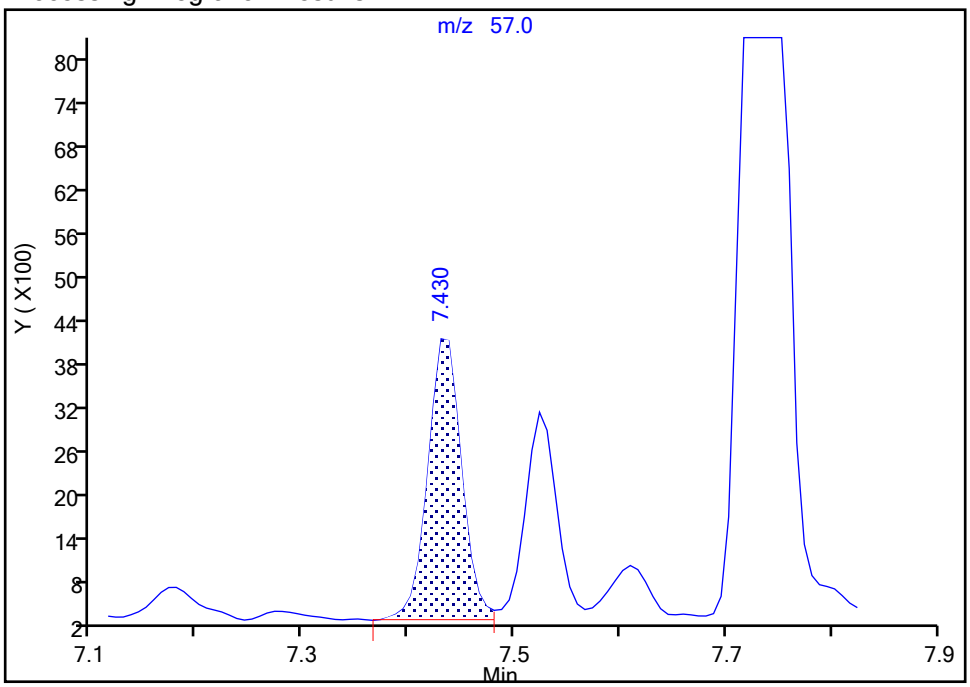
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24807.D
Injection Date: 07-Feb-2025 10:01:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 77 Epichlorohydrin, CAS: 106-89-8

Signal: 1

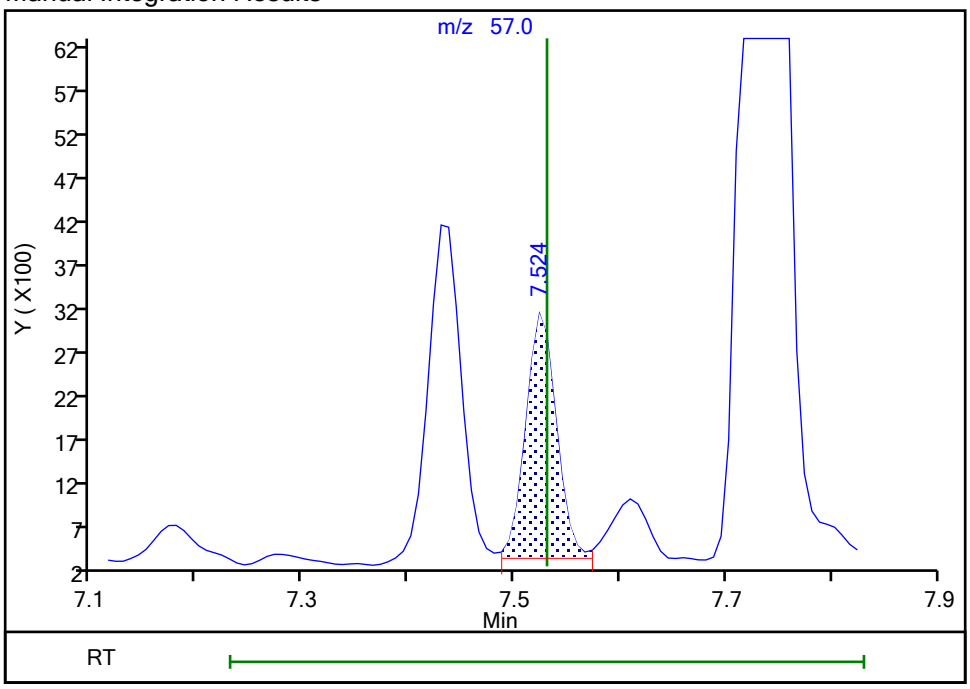
Processing Integration Results

RT: 7.43
Area: 8667
Amount: 33.513524
Amount Units: ug/l




Manual Integration Results

RT: 7.52
Area: 5646
Amount: 21.831932
Amount Units: ug/l




Reviewer: NN6A, 09-Feb-2025 13:18:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020507/1 Calibration Date: 02/10/2025 16:40

Instrument ID: CVOAMS4 Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/07/2025 07:19

Lab File ID: D24908.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 1.145 | 0.9071 | | 15.8 | 20.0 | -20.8* | 20.0 |
| Dichlorodifluoromethane | Ave | 0.4972 | 0.5578 | 0.1000 | 22.4 | 20.0 | 12.2 | 20.0 |
| Chlorodifluoromethane | Ave | 0.6603 | 0.6657 | | 20.2 | 20.0 | 0.8 | 20.0 |
| Chloromethane | Ave | 0.4692 | 0.4766 | 0.1000 | 20.3 | 20.0 | 1.6 | 20.0 |
| Vinyl chloride | Ave | 0.3754 | 0.4058 | 0.1000 | 21.6 | 20.0 | 8.1 | 20.0 |
| Butadiene | Ave | 0.3749 | 0.3979 | | 21.2 | 20.0 | 6.1 | 20.0 |
| Bromomethane | QuaF | | 0.1909 | 0.1000 | 42.8 | 20.0 | 114.1* | 50.0 |
| Chloroethane | Ave | 0.2362 | 0.2511 | 0.1000 | 21.3 | 20.0 | 6.3 | 50.0 |
| Trichlorofluoromethane | Ave | 0.4114 | 0.4543 | 0.1000 | 22.1 | 20.0 | 10.4 | 20.0 |
| Dichlorofluoromethane | Ave | 0.6185 | 0.6477 | | 20.9 | 20.0 | 4.7 | 20.0 |
| Pentane | Ave | 0.0621 | 0.0675 | | 43.5 | 40.0 | 8.7 | 20.0 |
| Ethanol | Ave | 0.0661 | 0.0595 | | 721 | 800 | -9.9 | 50.0 |
| Ethyl ether | Ave | 0.2501 | 0.2419 | | 19.3 | 20.0 | -3.3 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2891 | 0.3222 | | 22.3 | 20.0 | 11.5 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2267 | 0.2515 | | 22.2 | 20.0 | 10.9 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4394 | 0.4847 | | 22.1 | 20.0 | 10.3 | 20.0 |
| 1,1,2-Trichloro-1,2,2-triflu oroethane | Ave | 0.2818 | 0.3226 | 0.1000 | 22.9 | 20.0 | 14.5 | 20.0 |
| Acrolein | Ave | 0.0344 | 0.0434 | | 378 | 300 | 26.1 | 50.0 |
| 1,1-Dichloroethene | Ave | 0.2856 | 0.3119 | 0.1000 | 21.8 | 20.0 | 9.2 | 20.0 |
| Acetone | Ave | 0.7158 | 0.6858 | 0.0500 | 95.8 | 100 | -4.2 | 50.0 |
| Iodomethane | Ave | 0.3188 | 0.3453 | | 21.7 | 20.0 | 8.3 | 20.0 |
| Carbon disulfide | Ave | 1.097 | 1.136 | 0.1000 | 20.7 | 20.0 | 3.6 | 50.0 |
| Isopropyl alcohol | Ave | 0.7634 | 0.7140 | | 187 | 200 | -6.5 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.1887 | 0.2023 | | 21.4 | 20.0 | 7.2 | 20.0 |
| Cyclopentene | Ave | 0.7440 | 0.7333 | | 19.7 | 20.0 | -1.4 | 20.0 |
| Methyl acetate | Ave | 0.1692 | 0.1627 | 0.0500 | 38.5 | 40.0 | -3.8 | 20.0 |
| Acetonitrile | Ave | 0.0158 | 0.0142 | | 180 | 200 | -10.1 | 20.0 |
| Methylene Chloride | Ave | 0.3458 | 0.3361 | 0.1000 | 19.4 | 20.0 | -2.8 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.237 | 1.175 | | 190 | 200 | -5.1 | 50.0 |
| Methyl tert-butyl ether | Ave | 0.7753 | 0.7608 | 0.1000 | 19.6 | 20.0 | -1.9 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.3147 | 0.3376 | 0.1000 | 21.5 | 20.0 | 7.3 | 20.0 |
| Acrylonitrile | Ave | 3.458 | 3.567 | | 206 | 200 | 3.1 | 20.0 |
| Hexane | Ave | 0.5251 | 0.5706 | | 21.7 | 20.0 | 8.7 | 20.0 |
| Isopropyl ether | Ave | 0.9534 | 0.9262 | | 19.4 | 20.0 | -2.9 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.5785 | 0.5896 | 0.2000 | 20.4 | 20.0 | 1.9 | 20.0 |
| Vinyl acetate | Ave | 0.0551 | 0.0538 | | 39.1 | 40.0 | -2.3 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2809 | 0.3024 | | 21.5 | 20.0 | 7.7 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.9113 | 0.8894 | | 19.5 | 20.0 | -2.4 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1501 | 0.1525 | | 20.3 | 20.0 | 1.6 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020507/1  Calibration Date: 02/10/2025 16:40

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24908.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.3308 | 0.3473 | 0.1000 | 21.0 | 20.0 | 5.0 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.3146 | 0.3165 | 0.0500 | 101 | 100 | 0.6 | 50.0 |
| Ethyl acetate | Ave | 1.139 | 1.182 | | 41.5 | 40.0 | 3.8 | 20.0 |
| Methyl acrylate | Ave | 0.2117 | 0.2072 | | 19.6 | 20.0 | -2.2 | 20.0 |
| Propionitrile | Ave | 1.356 | 1.381 | | 204 | 200 | 1.9 | 20.0 |
| Tetrahydrofuran | Ave | 1.332 | 1.332 | | 40.0 | 40.0 | -0.0 | 20.0 |
| Chlorobromomethane | Ave | 0.1313 | 0.1382 | | 21.1 | 20.0 | 5.3 | 20.0 |
| Methacrylonitrile | Ave | 0.0994 | 0.1011 | | 203 | 200 | 1.7 | 20.0 |
| Chloroform | Ave | 0.5159 | 0.5312 | 0.2000 | 20.6 | 20.0 | 3.0 | 20.0 |
| Cyclohexane | Ave | 0.4549 | 0.5081 | 0.1000 | 22.3 | 20.0 | 11.7 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.4256 | 0.4413 | 0.1000 | 20.7 | 20.0 | 3.7 | 20.0 |
| Carbon tetrachloride | Ave | 0.3597 | 0.3712 | 0.1000 | 20.6 | 20.0 | 3.2 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.4554 | 0.4653 | | 20.4 | 20.0 | 2.2 | 20.0 |
| Isobutyl alcohol | Ave | 0.8807 | 0.8823 | | 501 | 500 | 0.2 | 50.0 |
| Isooctane | Ave | 1.277 | 1.419 | | 22.2 | 20.0 | 11.1 | 20.0 |
| Benzene | Ave | 1.827 | 1.896 | 0.5000 | 20.8 | 20.0 | 3.8 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.2431 | 0.2375 | | 19.5 | 20.0 | -2.3 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3592 | 0.3390 | 0.1000 | 18.9 | 20.0 | -5.6 | 20.0 |
| Isopropyl acetate | Ave | 0.1427 | 0.1366 | | 19.1 | 20.0 | -4.3 | 20.0 |
| n-Heptane | Ave | 0.5437 | 0.5713 | | 21.0 | 20.0 | 5.1 | 20.0 |
| n-Butanol | Ave | 0.3413 | 0.3242 | | 475 | 500 | -5.0 | 50.0 |
| Trichloroethene | Ave | 0.3139 | 0.3304 | 0.2000 | 21.1 | 20.0 | 5.3 | 20.0 |
| Methylcyclohexane | Ave | 0.5645 | 0.6271 | 0.1000 | 22.2 | 20.0 | 11.1 | 50.0 |
| Ethyl acrylate | Ave | 0.3670 | 0.3353 | | 18.3 | 20.0 | -8.6 | 20.0 |
| 1,2-Dichloropropane | Ave | 0.3232 | 0.3262 | 0.1000 | 20.2 | 20.0 | 0.9 | 20.0 |
| Methyl methacrylate | Ave | 0.0658 | 0.0659 | | 40.1 | 40.0 | 0.2 | 20.0 |
| 1,4-Dioxane | Ave | 1.467 | 1.324 | | 361 | 400 | -9.7 | 50.0 |
| Dibromomethane | Ave | 0.1715 | 0.1693 | | 19.8 | 20.0 | -1.2 | 20.0 |
| n-Propyl acetate | Ave | 0.3608 | 0.3289 | | 18.2 | 20.0 | -8.9 | 20.0 |
| Dichlorobromomethane | Ave | 0.3778 | 0.3725 | 0.2000 | 19.7 | 20.0 | -1.4 | 20.0 |
| 2-Nitropropane | Ave | 0.0718 | 0.0568 | | 31.6 | 40.0 | -20.9* | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1715 | 0.1683 | | 19.7 | 20.0 | -1.9 | 20.0 |
| Epichlorohydrin | Ave | 0.9159 | 1.013 | | 442 | 400 | 10.6 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.7499 | 0.7408 | 0.2000 | 19.8 | 20.0 | -1.2 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.466 | 2.455 | 0.0500 | 99.6 | 100 | -0.4 | 50.0 |
| Toluene | Ave | 1.888 | 1.964 | 0.4000 | 20.8 | 20.0 | 4.0 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.6518 | 0.6222 | 0.1000 | 19.1 | 20.0 | -4.5 | 50.0 |
| Ethyl methacrylate | Ave | 0.3573 | 0.3440 | | 19.3 | 20.0 | -3.7 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.3069 | 0.3144 | 0.1000 | 20.5 | 20.0 | 2.5 | 20.0 |
| Tetrachloroethene | Ave | 0.3914 | 0.4166 | 0.2000 | 21.3 | 20.0 | 6.4 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.6128 | 0.6098 | | 19.9 | 20.0 | -0.5 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020507/1  Calibration Date: 02/10/2025 16:40

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24908.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | Ave | 1.761 | 1.718 | 0.0500 | 97.6 | 100 | -2.4 | 50.0 |
| n-Butyl acetate | Ave | 0.1061 | 0.1018 | | 19.2 | 20.0 | -4.1 | 20.0 |
| Chlorodibromomethane | Ave | 0.3819 | 0.3784 | 0.1000 | 19.8 | 20.0 | -0.9 | 50.0 |
| Ethylene Dibromide | Ave | 0.3516 | 0.3425 | 0.1000 | 19.5 | 20.0 | -2.6 | 20.0 |
| Chlorobenzene | Ave | 1.121 | 1.164 | 0.5000 | 20.8 | 20.0 | 3.8 | 20.0 |
| Ethylbenzene | Ave | 0.6312 | 0.6627 | 0.1000 | 21.0 | 20.0 | 5.0 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3618 | 0.3729 | | 20.6 | 20.0 | 3.1 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.7984 | 0.8109 | 0.1000 | 20.3 | 20.0 | 1.6 | 20.0 |
| n-Butyl acrylate | Ave | 0.3232 | 0.2923 | | 18.1 | 20.0 | -9.6 | 20.0 |
| o-Xylene | Ave | 0.7354 | 0.7649 | 0.3000 | 20.8 | 20.0 | 4.0 | 20.0 |
| Styrene | Ave | 1.257 | 1.288 | 0.3000 | 20.5 | 20.0 | 2.5 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.331 | 1.286 | | 19.3 | 20.0 | -3.4 | 20.0 |
| Bromoform | Ave | 0.2164 | 0.2128 | 0.1000 | 19.7 | 20.0 | -1.7 | 20.0 |
| Isopropylbenzene | Ave | 1.800 | 1.855 | 0.1000 | 20.6 | 20.0 | 3.1 | 20.0 |
| Bromobenzene | Ave | 0.8107 | 0.8830 | | 21.8 | 20.0 | 8.9 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9300 | 0.9309 | 0.3000 | 20.0 | 20.0 | 0.1 | 20.0 |
| N-Propylbenzene | Ave | 4.826 | 5.303 | | 22.0 | 20.0 | 9.9 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.2381 | 0.2335 | | 19.6 | 20.0 | -1.9 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.3016 | 0.2925 | | 19.4 | 20.0 | -3.0 | 20.0 |
| 2-Chlorotoluene | Ave | 3.225 | 3.474 | | 21.5 | 20.0 | 7.7 | 20.0 |
| 4-Ethyltoluene | Ave | 3.850 | 4.167 | | 21.6 | 20.0 | 8.2 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 3.251 | 3.564 | | 21.9 | 20.0 | 9.6 | 20.0 |
| 4-Chlorotoluene | Ave | 3.049 | 3.244 | | 21.3 | 20.0 | 6.4 | 20.0 |
| Butyl Methacrylate | Ave | 1.157 | 1.163 | | 20.1 | 20.0 | 0.5 | 20.0 |
| tert-Butylbenzene | Ave | 2.648 | 2.903 | | 21.9 | 20.0 | 9.6 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 3.257 | 3.452 | | 21.2 | 20.0 | 6.0 | 20.0 |
| sec-Butylbenzene | Ave | 4.212 | 4.712 | | 22.4 | 20.0 | 11.9 | 20.0 |
| 4-Isopropyltoluene | Ave | 3.415 | 3.770 | | 22.1 | 20.0 | 10.4 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.638 | 1.757 | 0.6000 | 21.4 | 20.0 | 7.2 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.670 | 1.794 | 0.5000 | 21.5 | 20.0 | 7.4 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 3.394 | 3.568 | | 21.0 | 20.0 | 5.1 | 20.0 |
| Benzyl chloride | Ave | 0.3507 | 0.3644 | | 20.8 | 20.0 | 3.9 | 50.0 |
| Indan | Ave | 1.141 | 1.195 | | 21.0 | 20.0 | 4.8 | 20.0 |
| p-Diethylbenzene | Ave | 2.341 | 2.548 | | 21.8 | 20.0 | 8.9 | 20.0 |
| n-Butylbenzene | Ave | 2.109 | 2.248 | | 21.3 | 20.0 | 6.6 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.552 | 1.610 | 0.4000 | 20.7 | 20.0 | 3.7 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 3.099 | 3.293 | | 21.3 | 20.0 | 6.3 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1619 | 0.1603 | 0.0500 | 19.8 | 20.0 | -0.9 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.094 | 1.190 | | 21.8 | 20.0 | 8.8 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9322 | 0.9897 | 0.2000 | 21.2 | 20.0 | 6.2 | 20.0 |
| Hexachlorobutadiene | Ave | 0.4656 | 0.5246 | | 22.5 | 20.0 | 12.7 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020507/1  Calibration Date: 02/10/2025 16:40

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24908.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 2.411 | 2.385 | | 19.8 | 20.0 | -1.1 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.8114 | 0.8452 | | 20.8 | 20.0 | 4.2 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2395 | 0.2507 | | 52.3 | 50.0 | 4.7 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2498 | 0.2465 | | 49.4 | 50.0 | -1.3 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.478 | 1.523 | | 51.5 | 50.0 | 3.0 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.7608 | 0.8525 | | 56.0 | 50.0 | 12.1 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24908.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 16:40:30 ALS Bottle#: 1 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0186729-001
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:44:39 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: NN6A Date: 11-Feb-2025 12:44:39

| | Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Chlorotrifluoroethene | 116 | 1.328 | 1.328 | 0.000 | 88 | 21611 | 20.0 | 15.8 | |
| 2 | Dichlorodifluoromethane | 85 | 1.363 | 1.363 | 0.000 | 99 | 148539 | 20.0 | 22.4 | |
| 3 | Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 97 | 177270 | 20.0 | 20.2 | |
| 4 | Chloromethane | 50 | 1.557 | 1.557 | 0.000 | 99 | 126906 | 20.0 | 20.3 | |
| 5 | Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 108074 | 20.0 | 21.6 | |
| 6 | Butadiene | 54 | 1.671 | 1.671 | 0.000 | 96 | 105953 | 20.0 | 21.2 | |
| 7 | Bromomethane | 94 | 1.958 | 1.958 | 0.000 | 99 | 50842 | 20.0 | 42.8 | |
| 8 | Chloroethane | 64 | 2.065 | 2.065 | 0.000 | 100 | 66870 | 20.0 | 21.3 | |
| 9 | Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 98 | 120969 | 20.0 | 22.1 | |
| 10 | Dichlorofluoromethane | 67 | 2.280 | 2.280 | 0.000 | 99 | 172466 | 20.0 | 20.9 | |
| 11 | Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 35966 | 40.0 | 43.5 | |
| 12 | Ethanol | 46 | 2.531 | 2.531 | 0.000 | 96 | 14594 | 800.0 | 720.7 | |
| 13 | Ethyl ether | 59 | 2.567 | 2.567 | 0.000 | 95 | 64407 | 20.0 | 19.3 | |
| 14 | 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 96 | 85809 | 20.0 | 22.3 | |
| 15 | 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.624 | 2.624 | 0.000 | 92 | 66967 | 20.0 | 22.2 | |
| 16 | 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 96 | 129075 | 20.0 | 22.1 | |
| 17 | 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 91 | 85899 | 20.0 | 22.9 | |
| 18 | Acrolein | 56 | 2.753 | 2.753 | 0.000 | 95 | 173288 | 300.0 | 378.2 | |
| 19 | 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 83057 | 20.0 | 21.8 | |
| 20 | Acetone | 43 | 2.903 | 2.903 | 0.000 | 88 | 81686 | 100.0 | 95.8 | |
| 21 | Iodomethane | 142 | 2.954 | 2.954 | 0.000 | 98 | 91943 | 20.0 | 21.7 | |
| 22 | Carbon disulfide | 76 | 2.982 | 2.982 | 0.000 | 99 | 302606 | 20.0 | 20.7 | |
| 23 | Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 99 | 43764 | 200.0 | 187.1 | |
| 24 | 3-Chloro-1-propene | 76 | 3.161 | 3.161 | 0.000 | 91 | 53858 | 20.0 | 21.4 | |
| 25 | Cyclopentene | 67 | 3.176 | 3.176 | 0.000 | 94 | 195286 | 20.0 | 19.7 | |
| 26 | Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 86666 | 40.0 | 38.5 | |
| 27 | Acetonitrile | 40 | 3.247 | 3.247 | 0.000 | 100 | 37914 | 200.0 | 179.7 | |
| 28 | Methylene Chloride | 84 | 3.319 | 3.319 | 0.000 | 91 | 89512 | 20.0 | 19.4 | |
| * 29 | TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 306474 | 1000.0 | 1000.0 | |
| 30 | 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 71994 | 200.0 | 189.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Methyl tert-butyl ether | 73 | 3.512 | 3.512 | 0.000 | 97 | 202598 | 20.0 | 19.6 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 89908 | 20.0 | 21.5 | |
| 33 Acrylonitrile | 53 | 3.634 | 3.634 | 0.000 | 94 | 218612 | 200.0 | 206.3 | |
| 34 Hexane | 57 | 3.734 | 3.734 | 0.000 | 92 | 151949 | 20.0 | 21.7 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 98 | 246648 | 20.0 | 19.4 | |
| 36 1,1-Dichloroethane | 63 | 4.014 | 4.014 | 0.000 | 99 | 157005 | 20.0 | 20.4 | |
| 37 Vinyl acetate | 86 | 4.050 | 4.050 | 0.000 | 100 | 28656 | 40.0 | 39.1 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 80527 | 20.0 | 21.5 | |
| 39 Tert-butyl ethyl ether | 59 | 4.372 | 4.372 | 0.000 | 88 | 236838 | 20.0 | 19.5 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 95 | 40599 | 20.0 | 20.3 | |
| * 41 2-Butanone-d5 | 46 | 4.608 | 4.608 | 0.000 | 95 | 297788 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.644 | 4.644 | 0.000 | 98 | 92488 | 20.0 | 21.0 | |
| 43 2-Butanone (MEK) | 72 | 4.673 | 4.673 | 0.000 | 100 | 37699 | 100.0 | 100.6 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 97 | 14496 | 40.0 | 41.5 | |
| 45 Methyl acrylate | 55 | 4.752 | 4.752 | 0.000 | 100 | 55171 | 20.0 | 19.6 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 99 | 84671 | 200.0 | 203.8 | |
| 47 Tetrahydrofuran | 72 | 4.909 | 4.909 | 0.000 | 90 | 16324 | 40.0 | 40.0 | |
| 48 Chlorobromomethane | 128 | 4.916 | 4.916 | 0.000 | 88 | 36803 | 20.0 | 21.1 | |
| 49 Methacrylonitrile | 67 | 4.959 | 4.959 | 0.000 | 90 | 269200 | 200.0 | 203.5 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 141448 | 20.0 | 20.6 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 91 | 135307 | 20.0 | 22.3 | |
| 52 1,1,1-Trichloroethane | 97 | 5.145 | 5.145 | 0.000 | 99 | 117520 | 20.0 | 20.7 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.181 | 5.181 | 0.000 | 96 | 166916 | 50.0 | 52.3 | |
| 54 Carbon tetrachloride | 117 | 5.289 | 5.289 | 0.000 | 98 | 98843 | 20.0 | 20.6 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 123906 | 20.0 | 20.4 | |
| 56 Isobutyl alcohol | 43 | 5.539 | 5.539 | 0.000 | 90 | 135204 | 500.0 | 500.9 | |
| 137 Isooctane | 57 | 5.547 | 5.547 | 0.000 | 94 | 377763 | 20.0 | 22.2 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 96 | 341746 | 20.0 | 20.8 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 97 | 164131 | 50.0 | 49.4 | |
| 59 Tert-amyl methyl ether | 87 | 5.676 | 5.676 | 0.000 | 93 | 63241 | 20.0 | 19.5 | |
| 60 Isopropyl acetate | 61 | 5.690 | 5.690 | 0.000 | 99 | 36376 | 20.0 | 19.1 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 97 | 90263 | 20.0 | 18.9 | |
| 62 n-Heptane | 43 | 5.790 | 5.790 | 0.000 | 92 | 152135 | 20.0 | 21.0 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 665735 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.356 | 6.356 | 0.000 | 85 | 49678 | 500.0 | 475.0 | |
| 65 Trichloroethene | 95 | 6.363 | 6.363 | 0.000 | 98 | 87986 | 20.0 | 21.1 | |
| 66 Methylcyclohexane | 83 | 6.506 | 6.506 | 0.000 | 97 | 166980 | 20.0 | 22.2 | |
| 67 Ethyl acrylate | 55 | 6.557 | 6.557 | 0.000 | 98 | 89291 | 20.0 | 18.3 | |
| 68 1,2-Dichloropropane | 63 | 6.721 | 6.721 | 0.000 | 94 | 86863 | 20.0 | 20.2 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.800 | 6.800 | 0.000 | 0 | 28136 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.843 | 6.843 | 0.000 | 89 | 35086 | 40.0 | 40.1 | |
| 71 1,4-Dioxane | 88 | 6.865 | 6.865 | 0.000 | 92 | 14906 | 400.0 | 361.2 | |
| 72 Dibromomethane | 93 | 6.865 | 6.865 | 0.000 | 93 | 45094 | 20.0 | 19.8 | |
| 73 n-Propyl acetate | 43 | 6.922 | 6.922 | 0.000 | 98 | 87577 | 20.0 | 18.2 | |
| 74 Dichlorobromomethane | 83 | 7.051 | 7.051 | 0.000 | 99 | 99192 | 20.0 | 19.7 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 96 | 30233 | 40.0 | 31.6 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 95 | 44931 | 20.0 | 19.7 | |
| 77 Epichlorohydrin | 57 | 7.509 | 7.509 | 0.000 | 98 | 124150 | 400.0 | 442.3 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.559 | 7.559 | 0.000 | 91 | 133530 | 20.0 | 19.8 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.717 | 7.717 | 0.000 | 96 | 292486 | 100.0 | 99.6 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.781 | 7.781 | 0.000 | 99 | 686273 | 50.0 | 51.5 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 353941 | 20.0 | 20.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 95 | 112158 | 20.0 | 19.1 | |
| 83 Ethyl methacrylate | 69 | 8.190 | 8.190 | 0.000 | 89 | 91610 | 20.0 | 19.3 | |
| 84 1,1,2-Trichloroethane | 83 | 8.326 | 8.326 | 0.000 | 97 | 56678 | 20.0 | 20.5 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 94 | 75088 | 20.0 | 21.3 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 93 | 109914 | 20.0 | 19.9 | |
| 87 2-Hexanone | 43 | 8.541 | 8.541 | 0.000 | 95 | 204658 | 100.0 | 97.6 | |
| 88 n-Butyl acetate | 73 | 8.627 | 8.627 | 0.000 | 99 | 18346 | 20.0 | 19.2 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 68208 | 20.0 | 19.8 | |
| 90 Ethylene Dibromide | 107 | 8.770 | 8.770 | 0.000 | 98 | 61738 | 20.0 | 19.5 | |
| * 91 Chlorobenzene-d5 | 117 | 9.150 | 9.150 | 0.000 | 88 | 450620 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 209743 | 20.0 | 20.8 | |
| 93 Ethylbenzene | 106 | 9.236 | 9.236 | 0.000 | 99 | 119449 | 20.0 | 21.0 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 96 | 67209 | 20.0 | 20.6 | |
| 95 m-Xylene & p-Xylene | 106 | 9.343 | 9.343 | 0.000 | 0 | 146160 | 20.0 | 20.3 | |
| 96 n-Butyl acrylate | 73 | 9.651 | 9.651 | 0.000 | 97 | 52680 | 20.0 | 18.1 | |
| 97 o-Xylene | 106 | 9.673 | 9.673 | 0.000 | 93 | 137869 | 20.0 | 20.8 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 95 | 232130 | 20.0 | 20.5 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 113531 | 20.0 | 19.3 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 94 | 38351 | 20.0 | 19.7 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 334411 | 20.0 | 20.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.117 | 10.117 | 0.000 | 0 | 188167 | 50.0 | 56.0 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 95 | 77958 | 20.0 | 21.8 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.246 | 10.246 | 0.000 | 99 | 82187 | 20.0 | 20.0 | |
| 105 N-Propylbenzene | 91 | 10.274 | 10.274 | 0.000 | 99 | 468150 | 20.0 | 22.0 | |
| 106 1,2,3-Trichloropropane | 110 | 10.289 | 10.289 | 0.000 | 94 | 20614 | 20.0 | 19.6 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.303 | 10.303 | 0.000 | 84 | 25821 | 20.0 | 19.4 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 99 | 367886 | 20.0 | 21.6 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 95 | 306698 | 20.0 | 21.5 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.410 | 10.410 | 0.000 | 95 | 314691 | 20.0 | 21.9 | |
| 111 4-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 98 | 286436 | 20.0 | 21.3 | |
| 112 Butyl Methacrylate | 87 | 10.475 | 10.475 | 0.000 | 92 | 102662 | 20.0 | 20.1 | |
| 113 tert-Butylbenzene | 119 | 10.647 | 10.647 | 0.000 | 94 | 256265 | 20.0 | 21.9 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 304756 | 20.0 | 21.2 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 415973 | 20.0 | 22.4 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 98 | 332817 | 20.0 | 22.1 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 94 | 155139 | 20.0 | 21.4 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 97 | 220721 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.998 | 10.998 | 0.000 | 92 | 158432 | 20.0 | 21.5 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 315014 | 20.0 | 21.0 | |
| 121 Benzyl chloride | 126 | 11.105 | 11.105 | 0.000 | 98 | 32175 | 20.0 | 20.8 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 94 | 318179 | 20.0 | 21.0 | |
| 123 p-Diethylbenzene | 119 | 11.184 | 11.184 | 0.000 | 93 | 224993 | 20.0 | 21.8 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 97 | 198486 | 20.0 | 21.3 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 95 | 142151 | 20.0 | 20.7 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.786 | 11.786 | 0.000 | 96 | 290723 | 20.0 | 21.3 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 97 | 14157 | 20.0 | 19.8 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.015 | 12.015 | 0.000 | 96 | 105075 | 20.0 | 21.8 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 93 | 87383 | 20.0 | 21.2 | |
| 130 Hexachlorobutadiene | 225 | 12.717 | 12.717 | 0.000 | 92 | 46320 | 20.0 | 22.5 | |
| 131 Naphthalene | 128 | 12.882 | 12.882 | 0.000 | 99 | 210570 | 20.0 | 19.8 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.154 | 13.154 | 0.000 | 94 | 74621 | 20.0 | 20.8 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 42.5 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 38.9 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 41.1 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 103.7 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 11-Feb-2025 12:44:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24908.D

Injection Date: 10-Feb-2025 16:40:30 Instrument ID: CVOAMS4 Operator ID:

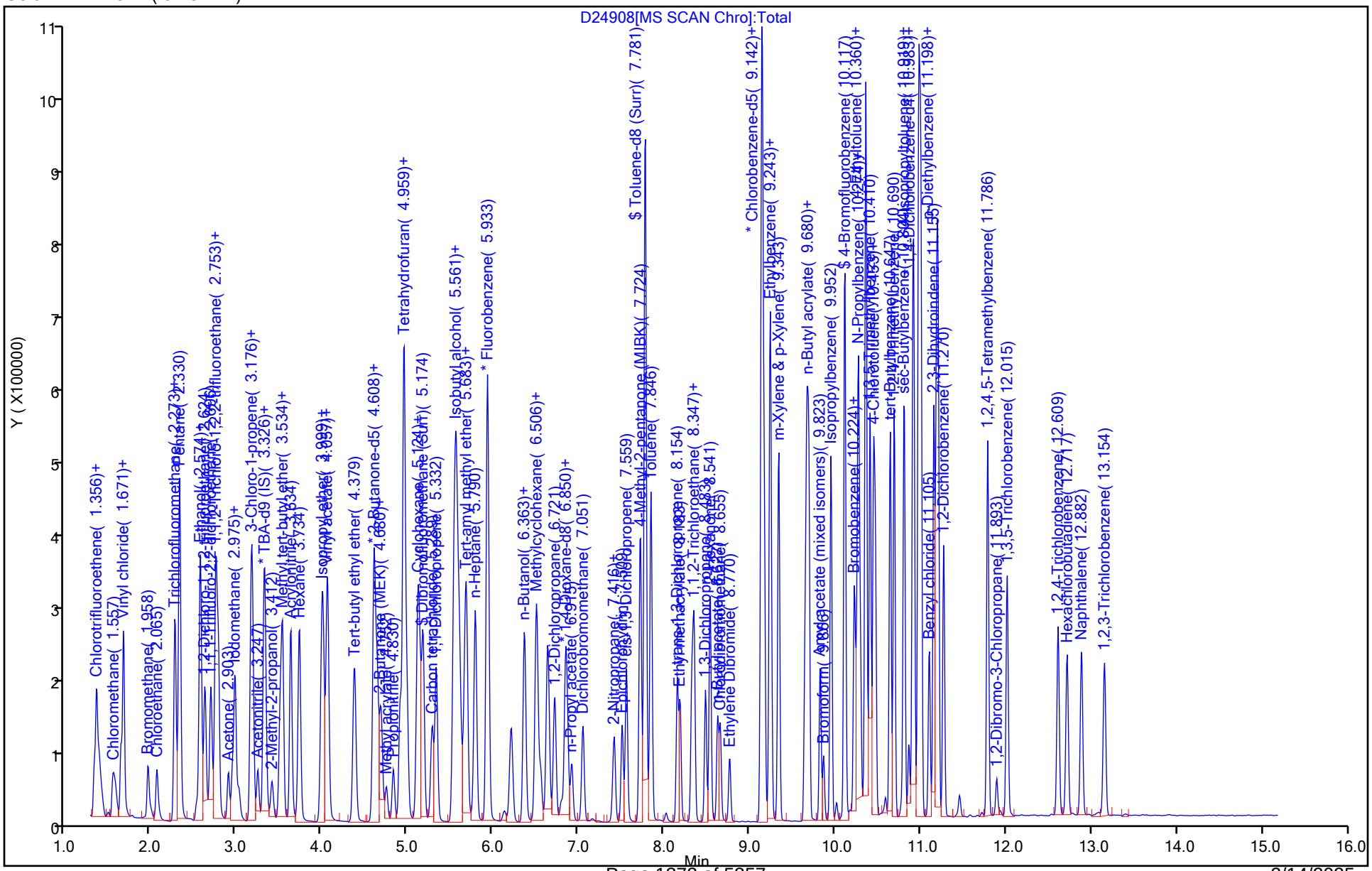
Lims ID: CCVIS Worklist Smp#: 1

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 1

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020626/1 Calibration Date: 02/11/2025 04:14

Instrument ID: CVOAMS4 Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 02/07/2025 07:19

Lab File ID: D24938.D Conc. Units: ug/L Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlorotrifluoroethene | Ave | 1.145 | 0.7651 | | 13.4 | 20.0 | -33.2* | 20.0 |
| Dichlorodifluoromethane | Ave | 0.4972 | 0.5496 | 0.1000 | 22.1 | 20.0 | 10.5 | 20.0 |
| Chlorodifluoromethane | Ave | 0.6603 | 0.6228 | | 18.9 | 20.0 | -5.7 | 20.0 |
| Chloromethane | Ave | 0.4692 | 0.4673 | 0.1000 | 19.9 | 20.0 | -0.4 | 20.0 |
| Vinyl chloride | Ave | 0.3754 | 0.4041 | 0.1000 | 21.5 | 20.0 | 7.6 | 20.0 |
| Butadiene | Ave | 0.3749 | 0.4009 | | 21.4 | 20.0 | 6.9 | 20.0 |
| Bromomethane | QuaF | | 0.1670 | 0.1000 | 37.3 | 20.0 | 86.4* | 50.0 |
| Chloroethane | Ave | 0.2362 | 0.2453 | 0.1000 | 20.8 | 20.0 | 3.9 | 50.0 |
| Dichlorofluoromethane | Ave | 0.6185 | 0.6512 | | 21.1 | 20.0 | 5.3 | 20.0 |
| Trichlorofluoromethane | Ave | 0.4114 | 0.4548 | 0.1000 | 22.1 | 20.0 | 10.6 | 20.0 |
| Pentane | Ave | 0.0621 | 0.0624 | | 40.2 | 40.0 | 0.5 | 20.0 |
| Ethanol | Ave | 0.0661 | 0.0579 | | 700 | 800 | -12.4 | 50.0 |
| Ethyl ether | Ave | 0.2501 | 0.2435 | | 19.5 | 20.0 | -2.7 | 20.0 |
| 2-Methyl-1,3-butadiene | Ave | 0.2891 | 0.3025 | | 20.9 | 20.0 | 4.6 | 20.0 |
| 1,2-Dichloro-1,1,2-trifluoro ethane | Ave | 0.2267 | 0.2336 | | 20.6 | 20.0 | 3.0 | 20.0 |
| 1,1,1-Trifluoro-2,2-dichloro ethane | Ave | 0.4394 | 0.4558 | | 20.7 | 20.0 | 3.7 | 20.0 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | Ave | 0.2818 | 0.3014 | 0.1000 | 21.4 | 20.0 | 6.9 | 20.0 |
| Acrolein | Ave | 0.0344 | 0.0392 | | 342 | 300 | 13.9 | 50.0 |
| 1,1-Dichloroethene | Ave | 0.2856 | 0.2884 | 0.1000 | 20.2 | 20.0 | 1.0 | 20.0 |
| Acetone | Ave | 0.7158 | 0.6107 | 0.0500 | 85.3 | 100 | -14.7 | 50.0 |
| Iodomethane | Ave | 0.3188 | 0.3314 | | 20.8 | 20.0 | 3.9 | 20.0 |
| Carbon disulfide | Ave | 1.097 | 1.049 | 0.1000 | 19.1 | 20.0 | -4.4 | 50.0 |
| Isopropyl alcohol | Ave | 0.7634 | 0.6916 | | 181 | 200 | -9.4 | 50.0 |
| 3-Chloro-1-propene | Ave | 0.1887 | 0.1869 | | 19.8 | 20.0 | -0.9 | 20.0 |
| Cyclopentene | Ave | 0.7440 | 0.6911 | | 18.6 | 20.0 | -7.1 | 20.0 |
| Methyl acetate | Ave | 0.1692 | 0.1716 | 0.0500 | 40.6 | 40.0 | 1.4 | 20.0 |
| Acetonitrile | Ave | 0.0158 | 0.0151 | | 191 | 200 | -4.6 | 20.0 |
| Methylene Chloride | Ave | 0.3458 | 0.3169 | 0.1000 | 18.3 | 20.0 | -8.3 | 20.0 |
| 2-Methyl-2-propanol | Ave | 1.237 | 1.151 | | 186 | 200 | -6.9 | 50.0 |
| Methyl tert-butyl ether | Ave | 0.7753 | 0.7662 | 0.1000 | 19.8 | 20.0 | -1.2 | 20.0 |
| trans-1,2-Dichloroethene | Ave | 0.3147 | 0.3123 | 0.1000 | 19.9 | 20.0 | -0.7 | 20.0 |
| Acrylonitrile | Ave | 3.458 | 3.203 | | 185 | 200 | -7.4 | 20.0 |
| Hexane | Ave | 0.5251 | 0.5187 | | 19.8 | 20.0 | -1.2 | 20.0 |
| Isopropyl ether | Ave | 0.9534 | 0.9159 | | 19.2 | 20.0 | -3.9 | 20.0 |
| 1,1-Dichloroethane | Ave | 0.5785 | 0.5572 | 0.2000 | 19.3 | 20.0 | -3.7 | 20.0 |
| Vinyl acetate | Ave | 0.0551 | 0.0484 | | 35.2 | 40.0 | -12.1 | 20.0 |
| 2-Chloro-1,3-butadiene | Ave | 0.2809 | 0.2809 | | 20.0 | 20.0 | 0.0 | 20.0 |
| Tert-butyl ethyl ether | Ave | 0.9113 | 0.8810 | | 19.3 | 20.0 | -3.3 | 20.0 |
| 2,2-Dichloropropane | Ave | 0.1501 | 0.1310 | | 17.5 | 20.0 | -12.7 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020626/1  Calibration Date: 02/11/2025 04:14

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24938.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| cis-1,2-Dichloroethene | Ave | 0.3308 | 0.3229 | 0.1000 | 19.5 | 20.0 | -2.4 | 20.0 |
| 2-Butanone (MEK) | Ave | 0.3146 | 0.2930 | 0.0500 | 93.1 | 100 | -6.9 | 50.0 |
| Ethyl acetate | Ave | 1.139 | 1.069 | | 37.5 | 40.0 | -6.1 | 20.0 |
| Methyl acrylate | Ave | 0.2117 | 0.2167 | | 20.5 | 20.0 | 2.3 | 20.0 |
| Propionitrile | Ave | 1.356 | 1.253 | | 185 | 200 | -7.6 | 20.0 |
| Tetrahydrofuran | Ave | 1.332 | 1.179 | | 35.4 | 40.0 | -11.5 | 20.0 |
| Chlorobromomethane | Ave | 0.1313 | 0.1300 | | 19.8 | 20.0 | -1.0 | 20.0 |
| Methacrylonitrile | Ave | 0.0994 | 0.1019 | | 205 | 200 | 2.5 | 20.0 |
| Chloroform | Ave | 0.5159 | 0.5040 | 0.2000 | 19.5 | 20.0 | -2.3 | 20.0 |
| Cyclohexane | Ave | 0.4549 | 0.4648 | 0.1000 | 20.4 | 20.0 | 2.2 | 50.0 |
| 1,1,1-Trichloroethane | Ave | 0.4256 | 0.4179 | 0.1000 | 19.6 | 20.0 | -1.8 | 20.0 |
| Carbon tetrachloride | Ave | 0.3597 | 0.3426 | 0.1000 | 19.0 | 20.0 | -4.8 | 20.0 |
| 1,1-Dichloropropene | Ave | 0.4554 | 0.4279 | | 18.8 | 20.0 | -6.0 | 20.0 |
| Isobutyl alcohol | Ave | 0.8807 | 0.7774 | | 441 | 500 | -11.7 | 50.0 |
| Isooctane | Ave | 1.277 | 1.314 | | 20.6 | 20.0 | 2.9 | 20.0 |
| Benzene | Ave | 1.827 | 1.770 | 0.5000 | 19.4 | 20.0 | -3.1 | 20.0 |
| Tert-amyl methyl ether | Ave | 0.2431 | 0.2350 | | 19.3 | 20.0 | -3.3 | 20.0 |
| Isopropyl acetate | Ave | 0.1427 | 0.1379 | | 19.3 | 20.0 | -3.4 | 20.0 |
| 1,2-Dichloroethane | Ave | 0.3592 | 0.3289 | 0.1000 | 18.3 | 20.0 | -8.4 | 20.0 |
| n-Heptane | Ave | 0.5437 | 0.5139 | | 18.9 | 20.0 | -5.5 | 20.0 |
| n-Butanol | Ave | 0.3413 | 0.3133 | | 459 | 500 | -8.2 | 50.0 |
| Trichloroethene | Ave | 0.3139 | 0.3075 | 0.2000 | 19.6 | 20.0 | -2.0 | 20.0 |
| Methylcyclohexane | Ave | 0.5645 | 0.5684 | 0.1000 | 20.1 | 20.0 | 0.7 | 50.0 |
| Ethyl acrylate | Ave | 0.3670 | 0.3579 | | 19.5 | 20.0 | -2.5 | 20.0 |
| 1,2-Dichloropropane | Ave | 0.3232 | 0.3068 | 0.1000 | 19.0 | 20.0 | -5.1 | 20.0 |
| Methyl methacrylate | Ave | 0.0658 | 0.0667 | | 40.6 | 40.0 | 1.5 | 20.0 |
| 1,4-Dioxane | Ave | 1.467 | 1.372 | | 374 | 400 | -6.5 | 50.0 |
| Dibromomethane | Ave | 0.1715 | 0.1615 | | 18.8 | 20.0 | -5.8 | 20.0 |
| n-Propyl acetate | Ave | 0.3608 | 0.3409 | | 18.9 | 20.0 | -5.5 | 20.0 |
| Dichlorobromomethane | Ave | 0.3778 | 0.3615 | 0.2000 | 19.1 | 20.0 | -4.3 | 20.0 |
| 2-Nitropropane | Ave | 0.0718 | 0.0588 | | 32.8 | 40.0 | -18.1 | 20.0 |
| 2-Chloroethyl vinyl ether | Ave | 0.1715 | 0.1685 | | 19.7 | 20.0 | -1.8 | 20.0 |
| Epichlorohydrin | Ave | 0.9159 | 0.8332 | | 364 | 400 | -9.0 | 20.0 |
| cis-1,3-Dichloropropene | Ave | 0.7499 | 0.6784 | 0.2000 | 18.1 | 20.0 | -9.5 | 50.0 |
| 4-Methyl-2-pentanone (MIBK) | Ave | 2.466 | 2.267 | 0.0500 | 91.9 | 100 | -8.1 | 50.0 |
| Toluene | Ave | 1.888 | 1.820 | 0.4000 | 19.3 | 20.0 | -3.6 | 20.0 |
| trans-1,3-Dichloropropene | Ave | 0.6518 | 0.5547 | 0.1000 | 17.0 | 20.0 | -14.9 | 50.0 |
| Ethyl methacrylate | Ave | 0.3573 | 0.3437 | | 19.2 | 20.0 | -3.8 | 20.0 |
| 1,1,2-Trichloroethane | Ave | 0.3069 | 0.3057 | 0.1000 | 19.9 | 20.0 | -0.4 | 20.0 |
| Tetrachloroethene | Ave | 0.3914 | 0.3725 | 0.2000 | 19.0 | 20.0 | -4.8 | 20.0 |
| 1,3-Dichloropropane | Ave | 0.6128 | 0.5919 | | 19.3 | 20.0 | -3.4 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020626/1  Calibration Date: 02/11/2025 04:14

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24938.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2-Hexanone | Ave | 1.761 | 1.588 | 0.0500 | 90.2 | 100 | -9.8 | 50.0 |
| n-Butyl acetate | Ave | 0.1061 | 0.0993 | | 18.7 | 20.0 | -6.4 | 20.0 |
| Chlorodibromomethane | Ave | 0.3819 | 0.3597 | 0.1000 | 18.8 | 20.0 | -5.8 | 50.0 |
| Ethylene Dibromide | Ave | 0.3516 | 0.3306 | 0.1000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Chlorobenzene | Ave | 1.121 | 1.056 | 0.5000 | 18.8 | 20.0 | -5.8 | 20.0 |
| Ethylbenzene | Ave | 0.6312 | 0.5986 | 0.1000 | 19.0 | 20.0 | -5.2 | 20.0 |
| 1,1,1,2-Tetrachloroethane | Ave | 0.3618 | 0.3480 | | 19.2 | 20.0 | -3.8 | 20.0 |
| m-Xylene & p-Xylene | Ave | 0.7984 | 0.7374 | 0.1000 | 18.5 | 20.0 | -7.6 | 20.0 |
| n-Butyl acrylate | Ave | 0.3232 | 0.3039 | | 18.8 | 20.0 | -6.0 | 20.0 |
| o-Xylene | Ave | 0.7354 | 0.6972 | 0.3000 | 19.0 | 20.0 | -5.2 | 20.0 |
| Styrene | Ave | 1.257 | 1.182 | 0.3000 | 18.8 | 20.0 | -6.0 | 20.0 |
| Amyl acetate (mixed isomers) | Ave | 1.331 | 1.247 | | 18.7 | 20.0 | -6.3 | 20.0 |
| Bromoform | Ave | 0.2164 | 0.1997 | 0.1000 | 18.5 | 20.0 | -7.7 | 20.0 |
| Isopropylbenzene | Ave | 1.800 | 1.674 | 0.1000 | 18.6 | 20.0 | -7.0 | 20.0 |
| Bromobenzene | Ave | 0.8107 | 0.7963 | | 19.6 | 20.0 | -1.8 | 20.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.9300 | 0.9141 | 0.3000 | 19.7 | 20.0 | -1.7 | 20.0 |
| N-Propylbenzene | Ave | 4.826 | 4.650 | | 19.3 | 20.0 | -3.6 | 20.0 |
| 1,2,3-Trichloropropane | Ave | 0.2381 | 0.2307 | | 19.4 | 20.0 | -3.1 | 20.0 |
| trans-1,4-Dichloro-2-butene | Ave | 0.3016 | 0.2502 | | 16.6 | 20.0 | -17.0 | 20.0 |
| 2-Chlorotoluene | Ave | 3.225 | 3.036 | | 18.8 | 20.0 | -5.8 | 20.0 |
| 4-Ethyltoluene | Ave | 3.850 | 3.652 | | 19.0 | 20.0 | -5.1 | 20.0 |
| 1,3,5-Trimethylbenzene | Ave | 3.251 | 3.053 | | 18.8 | 20.0 | -6.1 | 20.0 |
| 4-Chlorotoluene | Ave | 3.049 | 2.747 | | 18.0 | 20.0 | -9.9 | 20.0 |
| Butyl Methacrylate | Ave | 1.157 | 1.068 | | 18.5 | 20.0 | -7.7 | 20.0 |
| tert-Butylbenzene | Ave | 2.648 | 2.591 | | 19.6 | 20.0 | -2.2 | 20.0 |
| 1,2,4-Trimethylbenzene | Ave | 3.257 | 2.993 | | 18.4 | 20.0 | -8.1 | 20.0 |
| sec-Butylbenzene | Ave | 4.212 | 4.108 | | 19.5 | 20.0 | -2.5 | 20.0 |
| 4-Isopropyltoluene | Ave | 3.415 | 3.213 | | 18.8 | 20.0 | -5.9 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.638 | 1.479 | 0.6000 | 18.1 | 20.0 | -9.7 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.670 | 1.527 | 0.5000 | 18.3 | 20.0 | -8.6 | 20.0 |
| 1,2,3-Trimethylbenzene | Ave | 3.394 | 3.153 | | 18.6 | 20.0 | -7.1 | 20.0 |
| Benzyl chloride | Ave | 0.3507 | 0.1805 | | 10.3 | 20.0 | -48.5 | 50.0 |
| Indan | Ave | 1.141 | 1.073 | | 18.8 | 20.0 | -5.9 | 20.0 |
| p-Diethylbenzene | Ave | 2.341 | 2.090 | | 17.9 | 20.0 | -10.7 | 20.0 |
| n-Butylbenzene | Ave | 2.109 | 1.840 | | 17.4 | 20.0 | -12.8 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.552 | 1.400 | 0.4000 | 18.0 | 20.0 | -9.8 | 20.0 |
| 1,2,4,5-Tetramethylbenzene | Ave | 3.099 | 2.734 | | 17.6 | 20.0 | -11.8 | 20.0 |
| 1,2-Dibromo-3-Chloropropane | Ave | 0.1619 | 0.1509 | 0.0500 | 18.6 | 20.0 | -6.8 | 50.0 |
| 1,3,5-Trichlorobenzene | Ave | 1.094 | 0.8795 | | 16.1 | 20.0 | -19.6 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.9322 | 0.7579 | 0.2000 | 16.3 | 20.0 | -18.7 | 20.0 |
| Hexachlorobutadiene | Ave | 0.4656 | 0.4261 | | 18.3 | 20.0 | -8.5 | 20.0 |

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020626/1  Calibration Date: 02/11/2025 04:14

Instrument ID: CVOAMS4  Calib Start Date: 02/07/2025 05:24

GC Column: Rtx-624  ID: 0.25(mm)  Calib End Date: 02/07/2025 07:19

Lab File ID: D24938.D  Conc. Units: ug/L  Heated Purge: (Y/N) Y

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Naphthalene | Ave | 2.411 | 2.355 | | 19.5 | 20.0 | -2.3 | 50.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.8114 | 0.7164 | | 17.7 | 20.0 | -11.7 | 20.0 |
| Dibromofluoromethane (Surr) | Ave | 0.2395 | 0.2528 | | 52.8 | 50.0 | 5.6 | 20.0 |
| 1,2-Dichloroethane-d4 (Surr) | Ave | 0.2498 | 0.2555 | | 51.1 | 50.0 | 2.3 | 20.0 |
| Toluene-d8 (Surr) | Ave | 1.478 | 1.494 | | 50.5 | 50.0 | 1.1 | 20.0 |
| 4-Bromofluorobenzene | Ave | 0.7608 | 0.8276 | | 54.4 | 50.0 | 8.8 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24938.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 11-Feb-2025 04:14:30 ALS Bottle#: 31 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub55

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:21:36 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: NN6A Date: 11-Feb-2025 12:21:36

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.327 | 1.327 | 0.000 | 90 | 22476 | 20.0 | 13.4 | |
| 2 Dichlorodifluoromethane | 85 | 1.356 | 1.356 | 0.000 | 99 | 161792 | 20.0 | 22.1 | |
| 3 Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 96 | 183335 | 20.0 | 18.9 | a |
| 4 Chloromethane | 50 | 1.571 | 1.571 | 0.000 | 99 | 137565 | 20.0 | 19.9 | |
| 5 Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 118954 | 20.0 | 21.5 | |
| 6 Butadiene | 54 | 1.671 | 1.671 | 0.000 | 96 | 118012 | 20.0 | 21.4 | |
| 7 Bromomethane | 94 | 1.958 | 1.958 | 0.000 | 99 | 49170 | 20.0 | 37.3 | |
| 8 Chloroethane | 64 | 2.058 | 2.058 | 0.000 | 100 | 72216 | 20.0 | 20.8 | |
| 9 Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 98 | 133888 | 20.0 | 22.1 | |
| 10 Dichlorofluoromethane | 67 | 2.273 | 2.273 | 0.000 | 99 | 191686 | 20.0 | 21.1 | |
| 11 Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 36745 | 40.0 | 40.2 | |
| 12 Ethanol | 46 | 2.531 | 2.531 | 0.000 | 96 | 17878 | 800.0 | 700.4 | |
| 13 Ethyl ether | 59 | 2.559 | 2.559 | 0.000 | 95 | 71665 | 20.0 | 19.5 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 97 | 89041 | 20.0 | 20.9 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.624 | 2.624 | 0.000 | 90 | 68764 | 20.0 | 20.6 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 96 | 134172 | 20.0 | 20.7 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 93 | 88711 | 20.0 | 21.4 | |
| 18 Acrolein | 56 | 2.753 | 2.753 | 0.000 | 96 | 173026 | 300.0 | 341.6 | |
| 19 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 84883 | 20.0 | 20.2 | |
| 20 Acetone | 43 | 2.896 | 2.896 | 0.000 | 88 | 89699 | 100.0 | 85.3 | |
| 21 Iodomethane | 142 | 2.946 | 2.946 | 0.000 | 98 | 97560 | 20.0 | 20.8 | |
| 22 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 308754 | 20.0 | 19.1 | |
| 23 Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 99 | 53429 | 200.0 | 181.2 | |
| 24 3-Chloro-1-propene | 76 | 3.161 | 3.161 | 0.000 | 90 | 55030 | 20.0 | 19.8 | |
| 25 Cyclopentene | 67 | 3.176 | 3.176 | 0.000 | 94 | 203429 | 20.0 | 18.6 | |
| 26 Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 101010 | 40.0 | 40.6 | |
| 27 Acetonitrile | 40 | 3.240 | 3.240 | 0.000 | 99 | 44477 | 200.0 | 190.7 | |
| 28 Methylene Chloride | 84 | 3.312 | 3.312 | 0.000 | 92 | 93292 | 20.0 | 18.3 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 386283 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 88950 | 200.0 | 186.1 | |
| 31 Methyl tert-butyl ether | 73 | 3.505 | 3.505 | 0.000 | 97 | 225556 | 20.0 | 19.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 91939 | 20.0 | 19.9 | |
| 33 Acrylonitrile | 53 | 3.627 | 3.627 | 0.000 | 95 | 247418 | 200.0 | 185.2 | |
| 34 Hexane | 57 | 3.727 | 3.727 | 0.000 | 93 | 152674 | 20.0 | 19.8 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 97 | 269617 | 20.0 | 19.2 | |
| 36 1,1-Dichloroethane | 63 | 4.006 | 4.006 | 0.000 | 99 | 164011 | 20.0 | 19.3 | |
| 37 Vinyl acetate | 86 | 4.049 | 4.049 | 0.000 | 100 | 28504 | 40.0 | 35.2 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 82673 | 20.0 | 20.0 | |
| 39 Tert-butyl ethyl ether | 59 | 4.372 | 4.372 | 0.000 | 88 | 259325 | 20.0 | 19.3 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 95 | 38568 | 20.0 | 17.5 | a |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.601 | 0.000 | 94 | 367224 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.637 | 4.637 | 0.000 | 98 | 95043 | 20.0 | 19.5 | |
| 43 2-Butanone (MEK) | 72 | 4.673 | 4.673 | 0.000 | 99 | 43036 | 100.0 | 93.1 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 99 | 16524 | 40.0 | 37.5 | |
| 45 Methyl acrylate | 55 | 4.744 | 4.744 | 0.000 | 99 | 63777 | 20.0 | 20.5 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 99 | 96798 | 200.0 | 184.8 | |
| 47 Tetrahydrofuran | 72 | 4.902 | 4.902 | 0.000 | 92 | 18222 | 40.0 | 35.4 | |
| 48 Chlorobromomethane | 128 | 4.909 | 4.909 | 0.000 | 92 | 38264 | 20.0 | 19.8 | |
| 49 Methacrylonitrile | 67 | 4.952 | 4.952 | 0.000 | 91 | 299921 | 200.0 | 205.1 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 148347 | 20.0 | 19.5 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 91 | 136810 | 20.0 | 20.4 | |
| 52 1,1,1-Trichloroethane | 97 | 5.138 | 5.138 | 0.000 | 99 | 123008 | 20.0 | 19.6 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.174 | 0.000 | 96 | 186069 | 50.0 | 52.8 | |
| 54 Carbon tetrachloride | 117 | 5.281 | 5.281 | 0.000 | 98 | 100851 | 20.0 | 19.0 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 125955 | 20.0 | 18.8 | |
| 56 Isobutyl alcohol | 43 | 5.532 | 5.532 | 0.000 | 91 | 150154 | 500.0 | 441.4 | |
| 137 Isooctane | 57 | 5.546 | 5.546 | 0.000 | 95 | 386716 | 20.0 | 20.6 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 97 | 353114 | 20.0 | 19.4 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 98 | 188000 | 50.0 | 51.1 | |
| 59 Tert-amyl methyl ether | 87 | 5.668 | 5.668 | 0.000 | 92 | 69187 | 20.0 | 19.3 | |
| 60 Isopropyl acetate | 61 | 5.683 | 5.683 | 0.000 | 99 | 40580 | 20.0 | 19.3 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 96 | 96811 | 20.0 | 18.3 | |
| 62 n-Heptane | 43 | 5.783 | 5.783 | 0.000 | 92 | 151262 | 20.0 | 18.9 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.926 | 0.000 | 98 | 735913 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.356 | 6.356 | 0.000 | 86 | 60519 | 500.0 | 459.1 | |
| 65 Trichloroethene | 95 | 6.363 | 6.363 | 0.000 | 97 | 90506 | 20.0 | 19.6 | |
| 66 Methylcyclohexane | 83 | 6.499 | 6.499 | 0.000 | 97 | 167303 | 20.0 | 20.1 | |
| 67 Ethyl acrylate | 55 | 6.549 | 6.549 | 0.000 | 98 | 105365 | 20.0 | 19.5 | |
| 68 1,2-Dichloropropane | 63 | 6.714 | 6.714 | 0.000 | 93 | 90313 | 20.0 | 19.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.793 | 0.000 | 0 | 32355 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.843 | 6.843 | 0.000 | 95 | 39282 | 40.0 | 40.6 | |
| 71 1,4-Dioxane | 88 | 6.857 | 6.857 | 0.000 | 94 | 17750 | 400.0 | 374.1 | |
| 72 Dibromomethane | 93 | 6.864 | 6.864 | 0.000 | 94 | 47531 | 20.0 | 18.8 | |
| 73 n-Propyl acetate | 43 | 6.915 | 6.915 | 0.000 | 98 | 100361 | 20.0 | 18.9 | |
| 74 Dichlorobromomethane | 83 | 7.044 | 7.044 | 0.000 | 99 | 106399 | 20.0 | 19.1 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 96 | 34600 | 40.0 | 32.8 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 95 | 49710 | 20.0 | 19.7 | |
| 77 Epichlorohydrin | 57 | 7.502 | 7.502 | 0.000 | 98 | 128738 | 400.0 | 363.9 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.552 | 7.552 | 0.000 | 91 | 135326 | 20.0 | 18.1 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.717 | 7.717 | 0.000 | 96 | 333003 | 100.0 | 91.9 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.774 | 0.000 | 99 | 745119 | 50.0 | 50.5 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 363069 | 20.0 | 19.3 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 96 | 110646 | 20.0 | 17.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.182 | 8.182 | 0.000 | 88 | 101167 | 20.0 | 19.2 | |
| 84 1,1,2-Trichloroethane | 83 | 8.319 | 8.319 | 0.000 | 97 | 60978 | 20.0 | 19.9 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 94 | 74299 | 20.0 | 19.0 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 93 | 118072 | 20.0 | 19.3 | |
| 87 2-Hexanone | 43 | 8.533 | 8.533 | 0.000 | 96 | 233226 | 100.0 | 90.2 | |
| 88 n-Butyl acetate | 73 | 8.627 | 8.627 | 0.000 | 99 | 19809 | 20.0 | 18.7 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 71741 | 20.0 | 18.8 | |
| 90 Ethylene Dibromide | 107 | 8.763 | 8.763 | 0.000 | 98 | 65953 | 20.0 | 18.8 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.142 | 0.000 | 88 | 498666 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 210599 | 20.0 | 18.8 | |
| 93 Ethylbenzene | 106 | 9.235 | 9.235 | 0.000 | 99 | 119393 | 20.0 | 19.0 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 97 | 69414 | 20.0 | 19.2 | |
| 95 m-Xylene & p-Xylene | 106 | 9.336 | 9.336 | 0.000 | 0 | 147094 | 20.0 | 18.5 | |
| 96 n-Butyl acrylate | 73 | 9.644 | 9.644 | 0.000 | 97 | 60622 | 20.0 | 18.8 | |
| 97 o-Xylene | 106 | 9.665 | 9.665 | 0.000 | 93 | 139065 | 20.0 | 19.0 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 95 | 235769 | 20.0 | 18.8 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 122833 | 20.0 | 18.7 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 94 | 39827 | 20.0 | 18.5 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 333922 | 20.0 | 18.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.109 | 0.000 | 0 | 203844 | 50.0 | 54.4 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 95 | 78454 | 20.0 | 19.6 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.245 | 10.245 | 0.000 | 98 | 90066 | 20.0 | 19.7 | |
| 105 N-Propylbenzene | 91 | 10.267 | 10.267 | 0.000 | 98 | 458119 | 20.0 | 19.3 | |
| 106 1,2,3-Trichloropropane | 110 | 10.288 | 10.288 | 0.000 | 96 | 22735 | 20.0 | 19.4 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.296 | 10.296 | 0.000 | 84 | 24651 | 20.0 | 16.6 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 89 | 359856 | 20.0 | 19.0 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 91 | 299167 | 20.0 | 18.8 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.403 | 10.403 | 0.000 | 92 | 300772 | 20.0 | 18.8 | |
| 111 4-Chlorotoluene | 91 | 10.446 | 10.446 | 0.000 | 99 | 270664 | 20.0 | 18.0 | |
| 112 Butyl Methacrylate | 87 | 10.467 | 10.467 | 0.000 | 92 | 105230 | 20.0 | 18.5 | |
| 113 tert-Butylbenzene | 119 | 10.639 | 10.639 | 0.000 | 92 | 255238 | 20.0 | 19.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 294912 | 20.0 | 18.4 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 404732 | 20.0 | 19.5 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 97 | 316567 | 20.0 | 18.8 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 94 | 145751 | 20.0 | 18.1 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 246321 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.990 | 10.990 | 0.000 | 93 | 150480 | 20.0 | 18.3 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 310650 | 20.0 | 18.6 | |
| 121 Benzyl chloride | 126 | 11.098 | 11.098 | 0.000 | 98 | 17788 | 20.0 | 10.3 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 94 | 315895 | 20.0 | 18.8 | |
| 123 p-Diethylbenzene | 119 | 11.184 | 11.184 | 0.000 | 93 | 205936 | 20.0 | 17.9 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 97 | 181281 | 20.0 | 17.4 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 95 | 137899 | 20.0 | 18.0 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.785 | 11.785 | 0.000 | 97 | 269352 | 20.0 | 17.6 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 96 | 14865 | 20.0 | 18.6 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.008 | 12.008 | 0.000 | 95 | 86656 | 20.0 | 16.1 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 94 | 74676 | 20.0 | 16.3 | |
| 130 Hexachlorobutadiene | 225 | 12.710 | 12.710 | 0.000 | 93 | 41980 | 20.0 | 18.3 | |
| 131 Naphthalene | 128 | 12.881 | 12.881 | 0.000 | 99 | 232060 | 20.0 | 19.5 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.146 | 13.146 | 0.000 | 95 | 70589 | 20.0 | 17.7 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.4 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 35.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.4 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 95.1 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 12:21:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24938.D

Injection Date: 11-Feb-2025 04:14:30 Instrument ID: CVOAMS4 Operator ID:

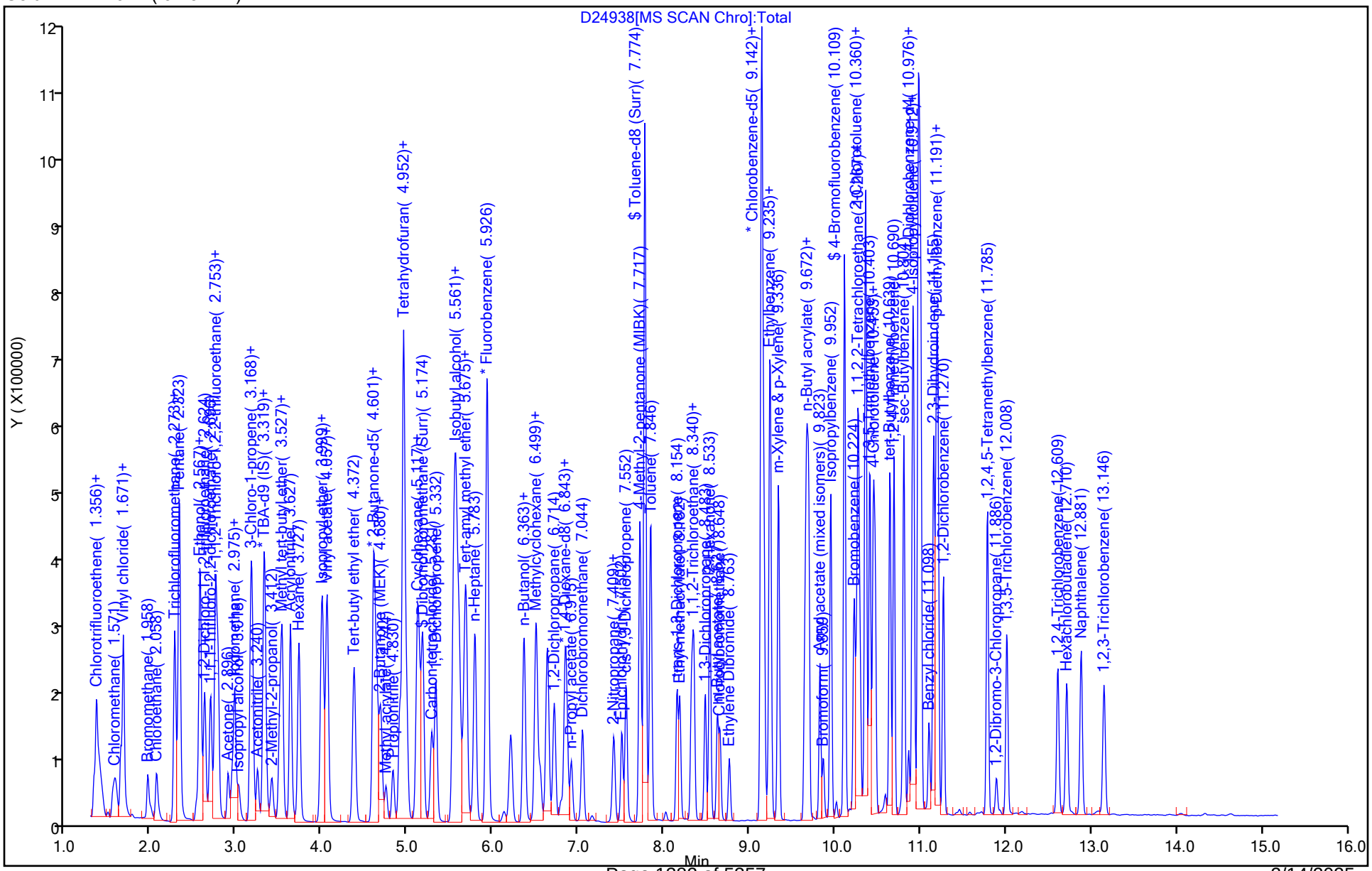
Lims ID: CCVIS Worklist Smp#: 1

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 31

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

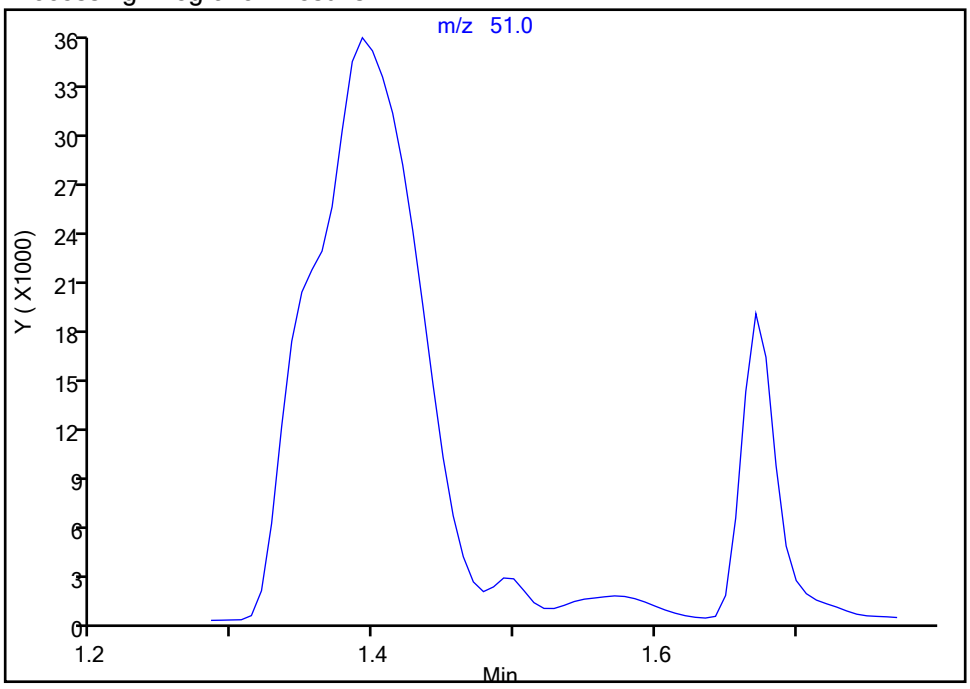
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24938.D
Injection Date: 11-Feb-2025 04:14:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

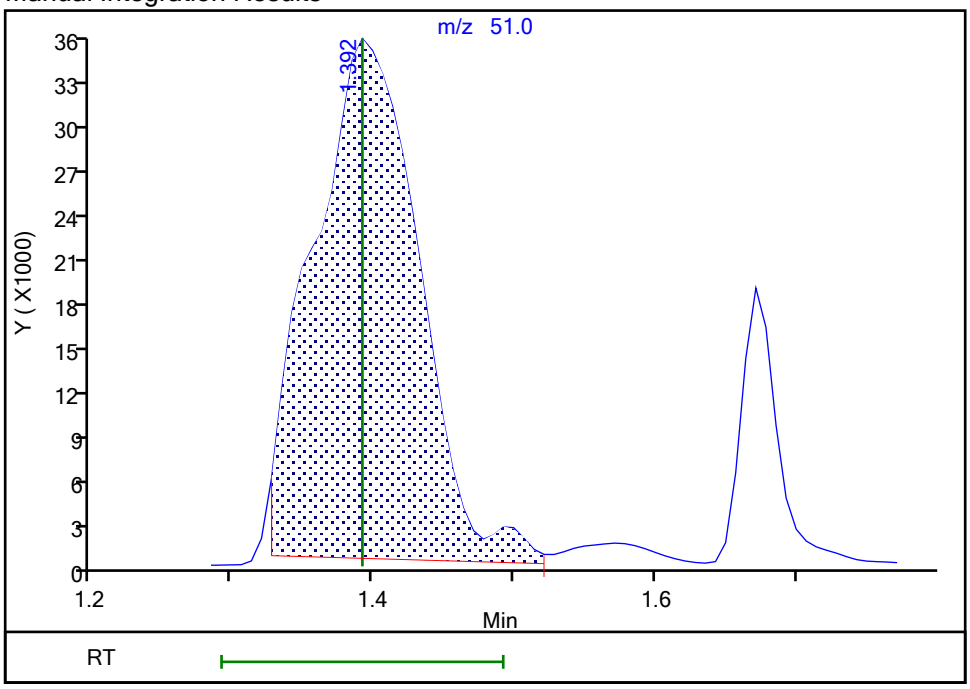
Not Detected
Expected RT: 1.39

Processing Integration Results




Manual Integration Results

RT: 1.39
Area: 183335
Amount: 18.863228
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:21:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

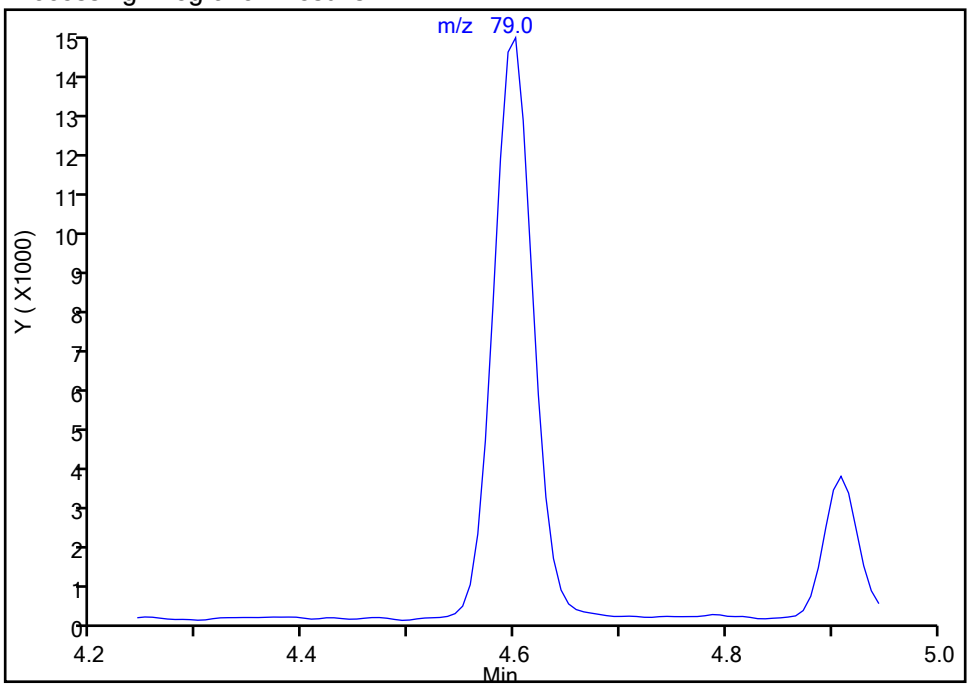
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24938.D
Injection Date: 11-Feb-2025 04:14:30 Instrument ID: CVOAMS4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 31 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

## 40 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

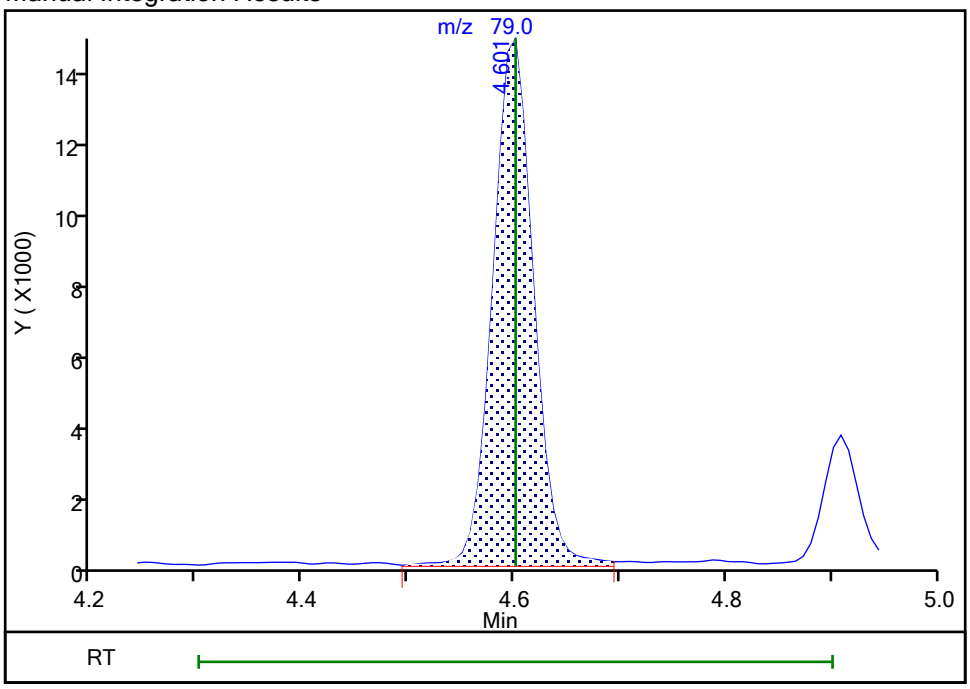
Not Detected
Expected RT: 4.60

Processing Integration Results




Manual Integration Results

RT: 4.60
Area: 38568
Amount: 17.457807
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:21:13 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18530.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 22-Oct-2024 02:25:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0182449-001
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 23-Oct-2024 21:33:49 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1652

First Level Reviewer: HVW2 Date: 22-Oct-2024 02:34:58

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 140 BFB | 95 | 2.653 | 2.653 | 0.000 | 77 | 155097 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard

## Reagents:

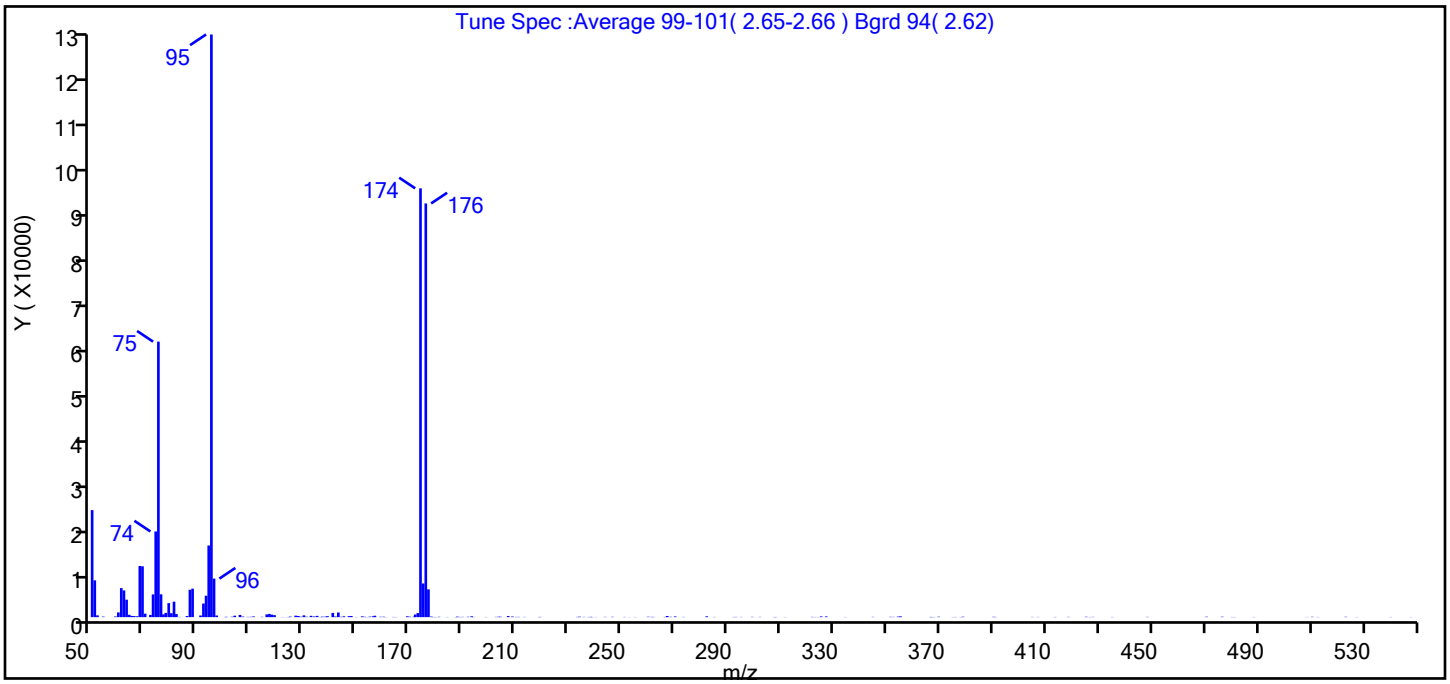
BFB_00036 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18530.D
Injection Date: 22-Oct-2024 02:25:30 Instrument ID: CVOAMS1
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260

$ 140 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base peak, 100% relative abundance | 100.0 |
| 50 | 15 to 40% of m/z 95 | 18.4 |
| 75 | 30 to 60% of m/z 95 | 47.3 |
| 96 | 5 to 9% of m/z 95 | 6.6 |
| 173 | Less than 2% of m/z 174 | 0.7 (0.9) |
| 174 | 50 to 120% of m/z 95 | 73.6 |
| 175 | 5 to 9% of m/z 174 | 5.8 (7.9) |
| 176 | Greater than 95% but less than 101% of m/z 174 | 71.0 (96.5) |
| 177 | 5 to 9% of m/z 176 | 4.8 (6.7) |

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18530.D\8260624W_1.rslt\spectra.d
Injection Date: 22-Oct-2024 02:25:30
Spectrum: Tune Spec :Average 99-101( 2.65-2.66 ) Bgrd 94( 2.62)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 193

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 50.00 | 22920 | 117.00 | 691 | 179.00 | 39 | 302.00 | 53 |
| 51.00 | 7882 | 118.00 | 532 | 180.00 | 35 | 308.00 | 36 |
| 52.00 | 382 | 119.00 | 433 | 181.00 | 78 | 308.00 | 40 |
| 54.00 | 114 | 122.00 | 36 | 184.00 | 36 | 312.00 | 34 |
| 59.00 | 145 | 123.00 | 19 | 187.00 | 36 | 322.00 | 60 |
| 60.00 | 1015 | 124.00 | 51 | 188.00 | 110 | 323.00 | 40 |
| 61.00 | 6218 | 125.00 | 115 | 189.00 | 46 | 324.00 | 35 |
| 62.00 | 5720 | 127.00 | 319 | 190.00 | 56 | 325.00 | 157 |
| 63.00 | 3736 | 128.00 | 243 | 192.00 | 84 | 327.00 | 153 |
| 64.00 | 498 | 129.00 | 88 | 193.00 | 179 | 334.00 | 36 |
| 65.00 | 267 | 130.00 | 382 | 194.00 | 45 | 345.00 | 59 |
| 66.00 | 226 | 131.00 | 92 | 199.00 | 39 | 351.00 | 71 |
| 67.00 | 189 | 132.00 | 8 | 202.00 | 55 | 352.00 | 58 |
| 68.00 | 10952 | 133.00 | 289 | 204.00 | 90 | 354.00 | 116 |
| 69.00 | 10882 | 134.00 | 147 | 204.00 | 81 | 355.00 | 173 |
| 70.00 | 746 | 135.00 | 270 | 206.00 | 7 | 366.00 | 47 |
| 72.00 | 480 | 136.00 | 40 | 207.00 | 230 | 367.00 | 38 |
| 73.00 | 4866 | 137.00 | 108 | 209.00 | 129 | 368.00 | 37 |
| 74.00 | 18344 | 138.00 | 118 | 210.00 | 50 | 370.00 | 96 |
| 75.00 | 58992 | 139.00 | 207 | 211.00 | 52 | 375.00 | 34 |
| 76.00 | 4889 | 141.00 | 905 | 213.00 | 47 | 376.00 | 41 |
| 77.00 | 593 | 142.00 | 143 | 219.00 | 35 | 378.00 | 36 |
| 78.00 | 908 | 143.00 | 995 | 219.00 | 54 | 379.00 | 94 |
| 79.00 | 3001 | 144.00 | 80 | 233.00 | 52 | 390.00 | 73 |
| 80.00 | 846 | 145.00 | 180 | 234.00 | 103 | 391.00 | 47 |
| 81.00 | 3314 | 147.00 | 210 | 236.00 | 53 | 405.00 | 50 |
| 82.00 | 657 | 148.00 | 237 | 237.00 | 34 | 407.00 | 44 |
| 83.00 | 45 | 150.00 | 34 | 238.00 | 64 | 414.00 | 43 |
| 86.00 | 237 | 152.00 | 170 | 239.00 | 42 | 418.00 | 59 |
| 87.00 | 5855 | 153.00 | 76 | 240.00 | 35 | 425.00 | 85 |
| 88.00 | 6100 | 154.00 | 34 | 244.00 | 59 | 427.00 | 37 |
| 91.00 | 349 | 155.00 | 114 | 246.00 | 72 | 428.00 | 55 |
| 92.00 | 2912 | 156.00 | 181 | 251.00 | 50 | 435.00 | 40 |

Report Date: 23-Oct-2024 21:33:50 Chrom Revision: 2.3 24-Sep-2024 15:19:46
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18530.D\8260624W_1.rslt\spectra.d
Injection Date: 22-Oct-2024 02:25:30
Spectrum: Tune Spec :Average 99-101( 2.65-2.66 ) Bgrd 94( 2.62)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 193

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 93.00 | 4587 | 157.00 | 302 | 253.00 | 25 | 448.00 | 60 |
| 94.00 | 15337 | 159.00 | 75 | 255.00 | 39 | 471.00 | 92 |
| 95.00 | 124760 | 160.00 | 90 | 260.00 | 86 | 476.00 | 93 |
| 96.00 | 8249 | 161.00 | 29 | 261.00 | 57 | 480.00 | 39 |
| 97.00 | 352 | 164.00 | 46 | 262.00 | 46 | 481.00 | 34 |
| 100.00 | 50 | 165.00 | 34 | 266.00 | 53 | 488.00 | 38 |
| 101.00 | 57 | 169.00 | 180 | 267.00 | 249 | 508.00 | 37 |
| 103.00 | 86 | 170.00 | 98 | 268.00 | 70 | 510.00 | 76 |
| 104.00 | 310 | 172.00 | 90 | 270.00 | 152 | 513.00 | 37 |
| 106.00 | 476 | 172.00 | 560 | 273.00 | 49 | 523.00 | 75 |
| 107.00 | 126 | 173.00 | 867 | 282.00 | 181 | 527.00 | 35 |
| 109.00 | 56 | 174.00 | 91816 | 285.00 | 46 | 540.00 | 39 |
| 110.00 | 71 | 175.00 | 7213 | 292.00 | 42 | 548.00 | 34 |
| 111.00 | 151 | 176.00 | 88584 | 293.00 | 51 | | |
| 114.00 | 68 | 177.00 | 5953 | 295.00 | 48 | | |
| 116.00 | 591 | 178.00 | 119 | 299.00 | 65 | | |

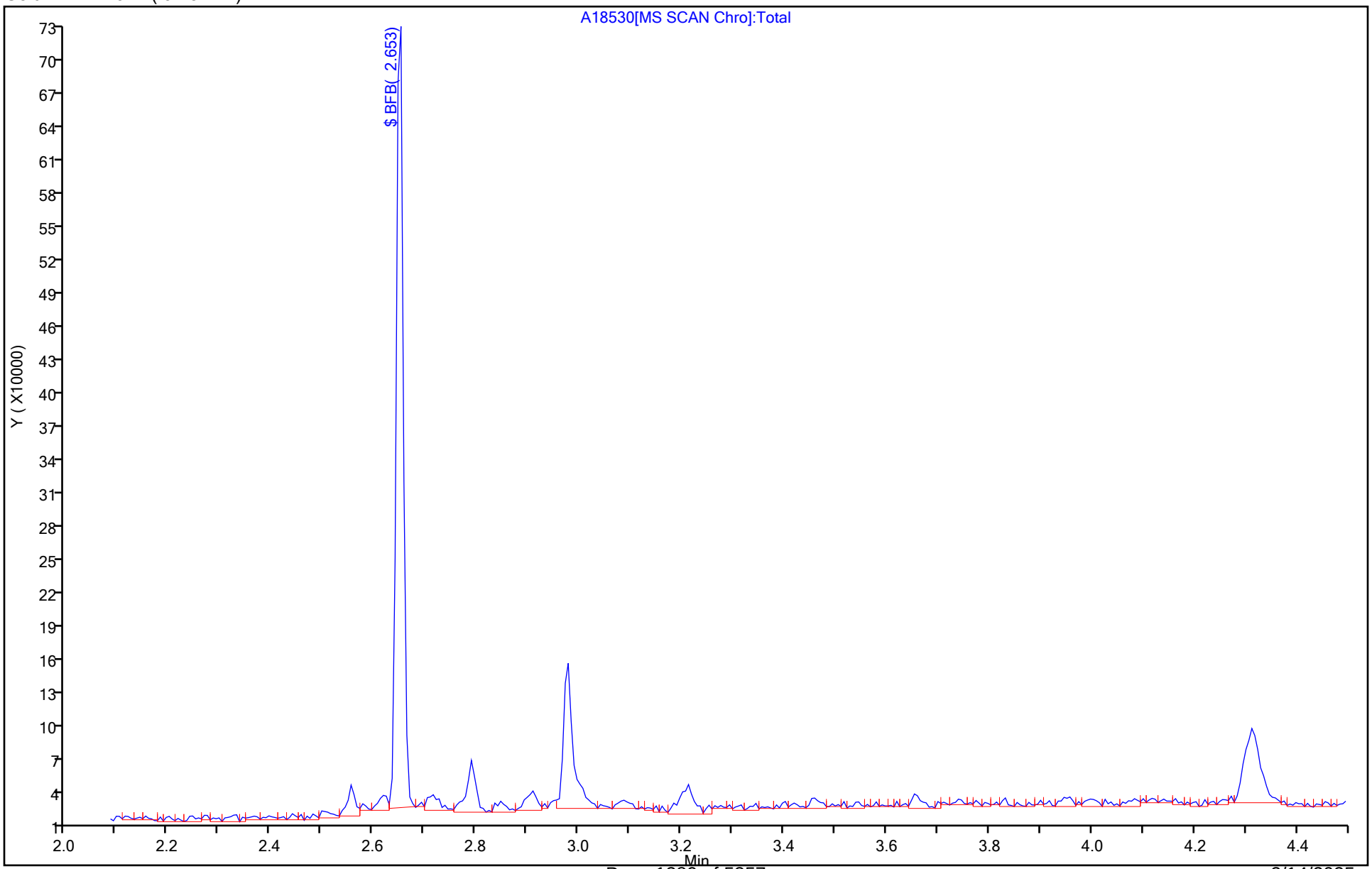
Report Date: 23-Oct-2024 21:33:50 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18530.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Oct-2024 02:25:30 | Instrument ID: | CVOAMS1 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260624W_1 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19226.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 17-Jan-2025 05:08:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0185886-001
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 17-Jan-2025 16:13:25 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1693

First Level Reviewer: N1JZ Date: 17-Jan-2025 05:13:51

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.248 | 2.248 | 0.000 | 0 | 191 | 1000.0 | 1000.0 | s |
| * 38 2-Butanone-d5 | 46 | 3.090 | 3.090 | 0.000 | 0 | 30 | 250.0 | 250.0 | s |
| * 61 Fluorobenzene | 96 | 4.116 | 4.116 | 0.000 | 34 | 412 | 50.0 | 50.0 | s |
| $ 136 BFB | | | | | | | | | |

## QC Flag Legend

Processing Flags
s - Failed ISTD Recovery Test

## Reagents:

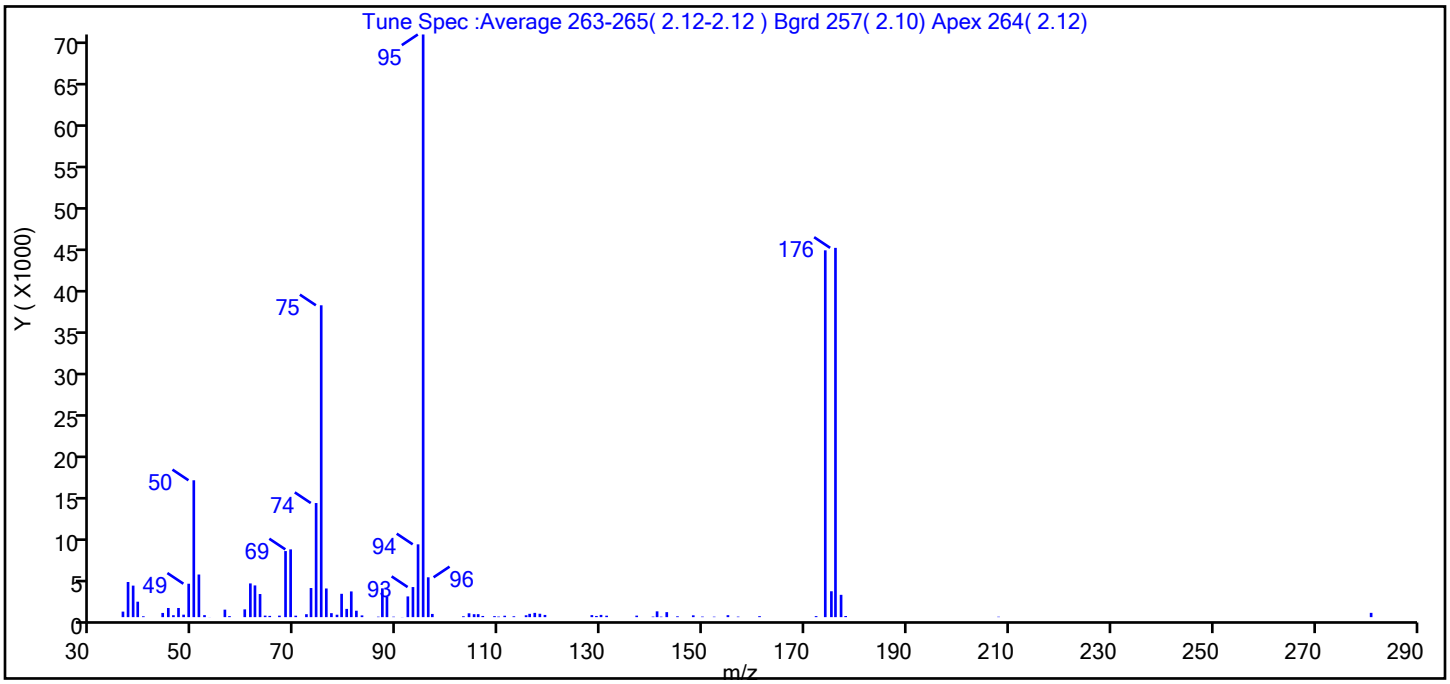
| | | | | |
|---|---|---|---|---|
| BFB_00038 | Amount Added: | 1.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19226.D
Injection Date: 17-Jan-2025 05:08:30 Instrument ID: CVOAMS2
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 136 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (158.8) |
| 96 | 5 to 9% of m/z 95 | 6.8 |
| 173 | <2% of m/z 174 | 0.0 (0.0) |
| 174 | 50 to 200% of m/z 95 | 63.0 |
| 175 | 5 to 9% of m/z 174 | 4.4 (7.1) |
| 176 | 95 to 105% of m/z 174 | 63.4 (100.7) |
| 177 | 5 to 10% of m/z 176 | 3.8 (6.0) |

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19226.D\8260S_2.rslt\spectra.d
Injection Date: 17-Jan-2025 05:08:30
Spectrum: Tune Spec :Average 263-265( 2.12-2.12 ) Bgrd 257( 2.10) Apex 264( 2.12)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 88

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 667 | 65.00 | 152 | 92.00 | 2492 | 130.00 | 269 |
| 37.00 | 4226 | 67.00 | 182 | 93.00 | 3617 | 131.00 | 174 |
| 38.00 | 3791 | 68.00 | 7944 | 94.00 | 8754 | 137.00 | 183 |
| 39.00 | 1858 | 69.00 | 8147 | 95.00 | 70056 | 140.00 | 67 |
| 40.00 | 102 | 70.00 | 177 | 96.00 | 4790 | 141.00 | 698 |
| 44.00 | 506 | 72.00 | 354 | 97.00 | 385 | 142.00 | 61 |
| 45.00 | 1101 | 73.00 | 3500 | 103.00 | 106 | 143.00 | 602 |
| 46.00 | 231 | 74.00 | 13719 | 104.00 | 462 | 145.00 | 101 |
| 47.00 | 1101 | 75.00 | 37496 | 105.00 | 356 | 148.00 | 218 |
| 48.00 | 296 | 76.00 | 3446 | 106.00 | 360 | 150.00 | 67 |
| 49.00 | 4018 | 77.00 | 479 | 107.00 | 142 | 152.00 | 56 |
| 50.00 | 16456 | 78.00 | 292 | 109.00 | 122 | 155.00 | 235 |
| 51.00 | 5126 | 79.00 | 2806 | 110.00 | 71 | 157.00 | 64 |
| 52.00 | 242 | 80.00 | 991 | 111.00 | 169 | 161.00 | 116 |
| 53.00 | 10 | 81.00 | 3093 | 113.00 | 105 | 172.00 | 125 |
| 56.00 | 901 | 82.00 | 772 | 115.00 | 224 | 174.00 | 44104 |
| 57.00 | 121 | 83.00 | 210 | 116.00 | 399 | 175.00 | 3113 |
| 60.00 | 935 | 86.00 | 56 | 117.00 | 513 | 176.00 | 44400 |
| 61.00 | 4055 | 87.00 | 3464 | 118.00 | 409 | 177.00 | 2683 |
| 62.00 | 3814 | 88.00 | 2426 | 119.00 | 265 | 178.00 | 137 |
| 63.00 | 2780 | 89.00 | 56 | 128.00 | 244 | 208.00 | 50 |
| 64.00 | 184 | 91.00 | 15 | 129.00 | 143 | 281.00 | 515 |

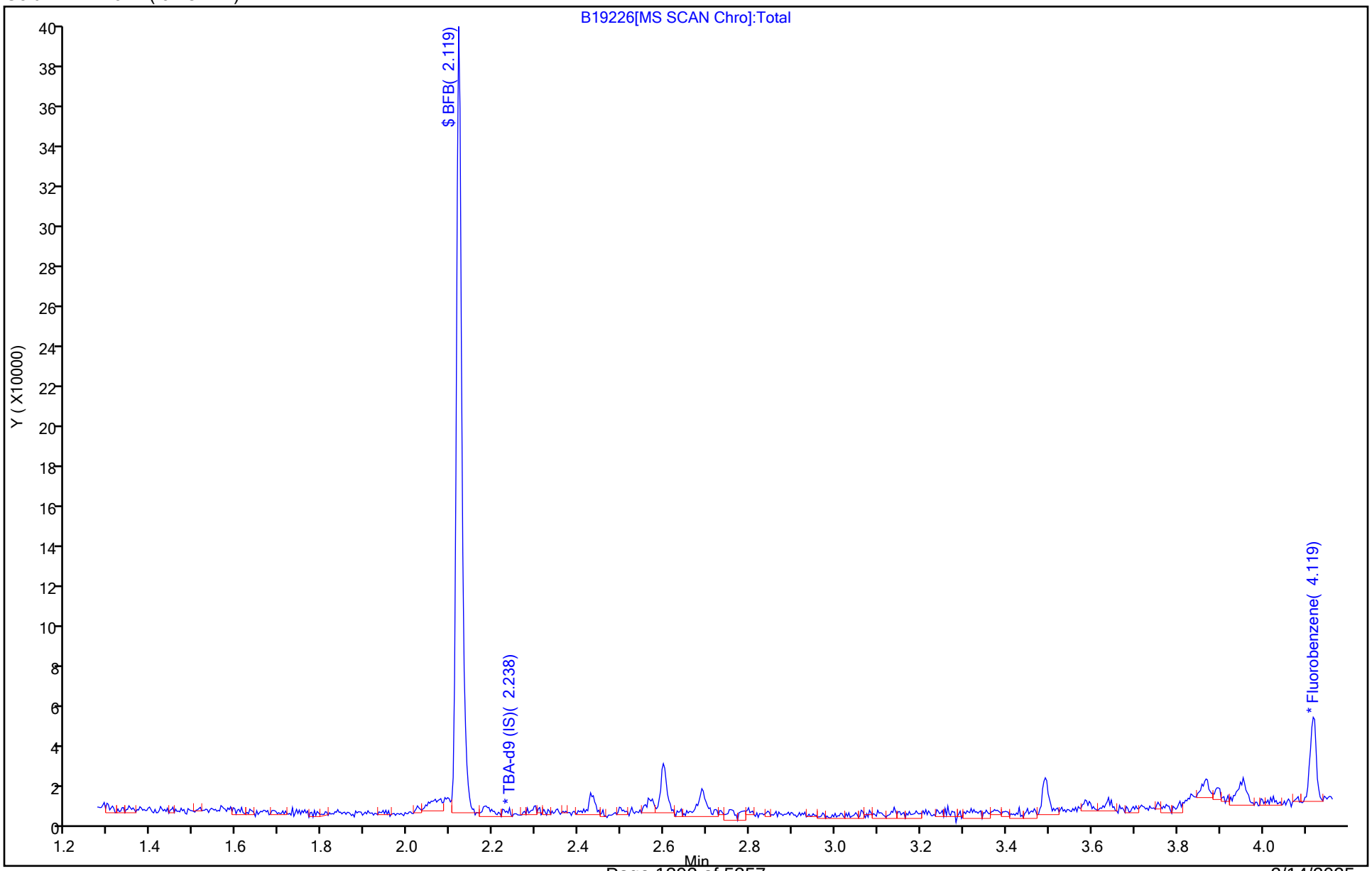
Report Date: 17-Jan-2025 16:13:25 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19226.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 17-Jan-2025 05:08:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 99 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24793.D | | | | |
| Lims ID: | BFB | | | | |
| Client ID: | | | | | |
| Sample Type: | BFB | | | | |
| Inject. Date: | 07-Feb-2025 04:30:30 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | | |
| Sample Info: | BFB | | | | |
| Misc. Info.: | 460-0186631-001 | | | | |
| Operator ID: | | Instrument ID: | CVOAMS4 | | |
| Method: | \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\8260S_4.m | | | | |
| Limit Group: | VOA - 8260D Water and Solid | | | | |
| Last Update: | 09-Feb-2025 13:22:01 | Calib Date: | 07-Feb-2025 07:19:30 | | |
| Integrator: | RTE | ID Type: | Deconvolution ID | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D | | | | |
| Column 1 : | Rtx-624 ( 0.25 mm) | | Det: MS SCAN | | |
| Process Host: | CTX1702 | | | | |
| First Level Reviewer: N1JZ | | Date: | 07-Feb-2025 04:44:11 | | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|

$ 138 BFB

## QC Flag Legend

Processing Flags

## Reagents:

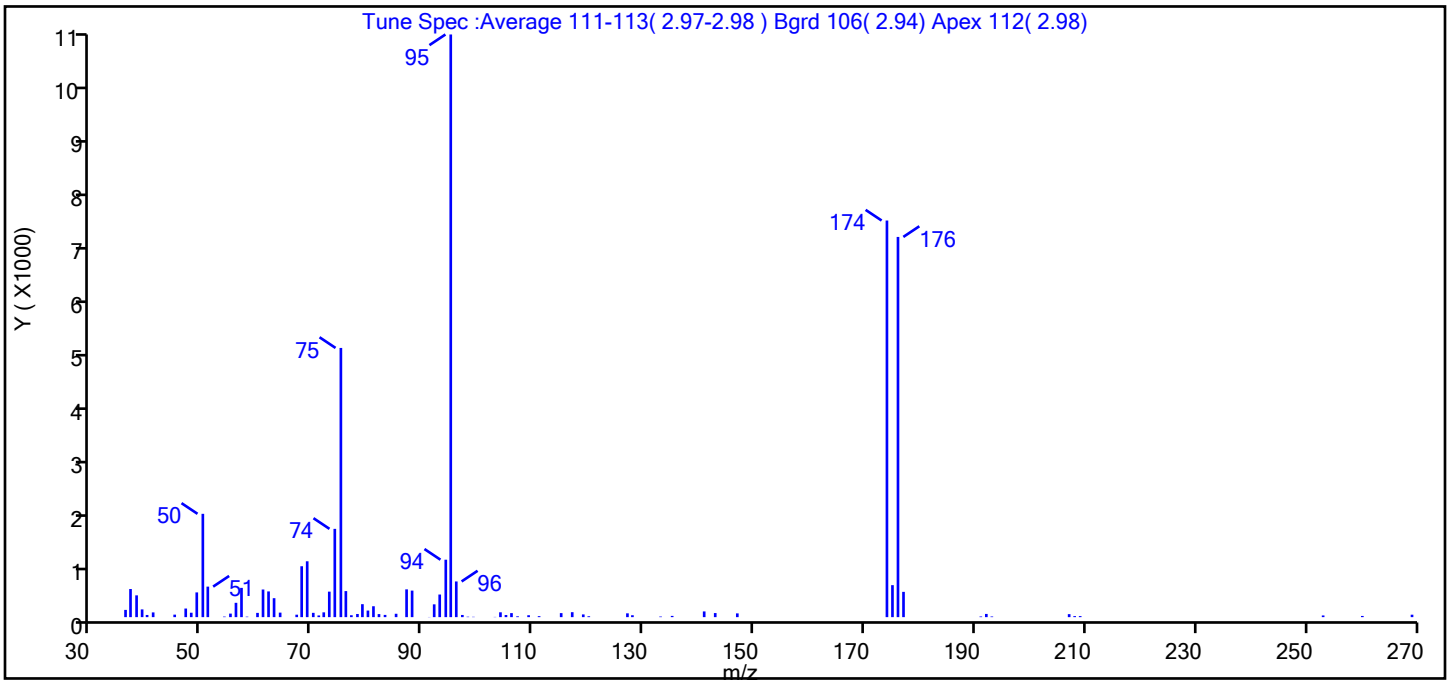
BFB_00038 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24793.D
Injection Date: 07-Feb-2025 04:30:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 138 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | 50 to 200% of m/z 174 | 100.0 (146.9) |
| 96 | 5 to 9% of m/z 95 | 6.1 |
| 173 | <2% of m/z 174 | 0.0 (0.0) |
| 174 | 50 to 200% of m/z 95 | 68.1 |
| 175 | 5 to 9% of m/z 174 | 5.5 (8.1) |
| 176 | 95 to 105% of m/z 174 | 65.3 (95.9) |
| 177 | 5 to 10% of m/z 176 | 4.3 (6.7) |

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24793.D\8260S_4.rslt\spectra.d
Injection Date: 07-Feb-2025 04:30:30
Spectrum: Tune Spec :Average 111-113( 2.97-2.98 ) Bgrd 106( 2.94) Apex 112( 2.98)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 82

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 133 | 64.00 | 83 | 91.00 | 3 | 128.00 | 35 |
| 37.00 | 516 | 67.00 | 45 | 92.00 | 235 | 133.00 | 11 |
| 38.00 | 400 | 68.00 | 934 | 93.00 | 415 | 135.00 | 23 |
| 39.00 | 142 | 69.00 | 1025 | 94.00 | 1054 | 141.00 | 105 |
| 40.00 | 40 | 70.00 | 79 | 95.00 | 10692 | 143.00 | 75 |
| 41.00 | 87 | 71.00 | 31 | 96.00 | 655 | 147.00 | 69 |
| 45.00 | 46 | 72.00 | 88 | 97.00 | 40 | 174.00 | 7278 |
| 47.00 | 158 | 73.00 | 468 | 98.00 | 8 | 175.00 | 587 |
| 48.00 | 81 | 74.00 | 1620 | 99.00 | 6 | 176.00 | 6977 |
| 49.00 | 454 | 75.00 | 4940 | 103.00 | 4 | 177.00 | 464 |
| 50.00 | 1896 | 76.00 | 478 | 104.00 | 89 | 191.00 | 12 |
| 51.00 | 560 | 77.00 | 35 | 105.00 | 39 | 192.00 | 59 |
| 54.00 | 10 | 78.00 | 58 | 106.00 | 74 | 193.00 | 12 |
| 55.00 | 65 | 79.00 | 238 | 107.00 | 15 | 207.00 | 55 |
| 56.00 | 263 | 80.00 | 121 | 109.00 | 35 | 208.00 | 19 |
| 57.00 | 537 | 81.00 | 200 | 111.00 | 18 | 209.00 | 19 |
| 58.00 | 9 | 82.00 | 56 | 115.00 | 74 | 253.00 | 31 |
| 60.00 | 78 | 83.00 | 41 | 117.00 | 91 | 260.00 | 22 |
| 61.00 | 507 | 85.00 | 62 | 119.00 | 50 | 269.00 | 45 |
| 62.00 | 472 | 87.00 | 510 | 120.00 | 16 | | |
| 63.00 | 348 | 88.00 | 487 | 127.00 | 70 | | |

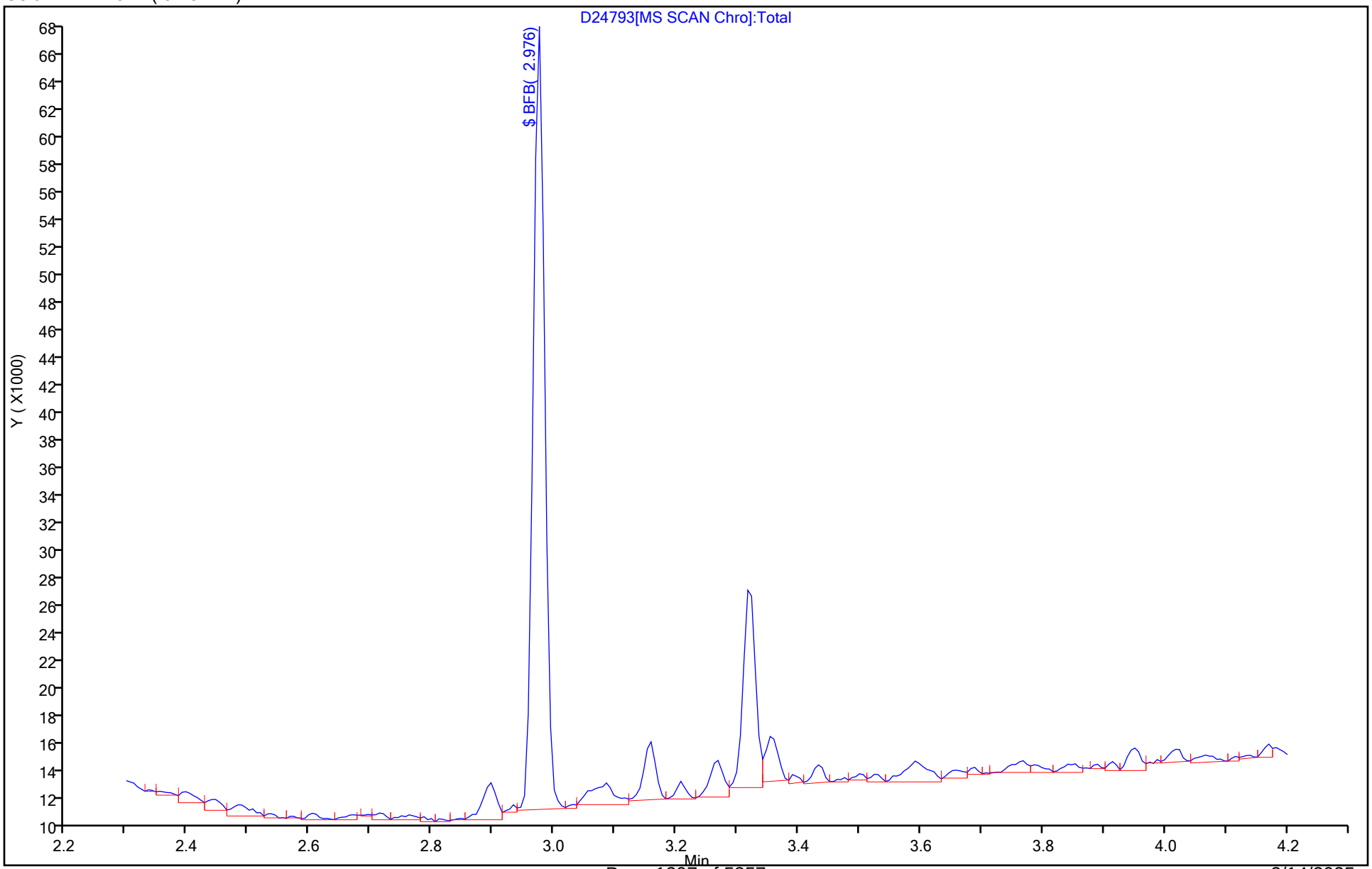
Report Date: 09-Feb-2025 13:22:01 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24793.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 04:30:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | BFB | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020506/7

Matrix: Solid | Lab File ID: B20343.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 18:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0060 | U | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0010 | U | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0010 | U | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0020 | U | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0010 | U | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0010 | U | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0010 | U | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020506/7

Matrix: Solid | Lab File ID: B20343.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 18:57

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0010 | U | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0010 | U | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0010 | U | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 88 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 104 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 90 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 88 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20343.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 18:57:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186728-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: NN6A Date: 11-Feb-2025 12:31:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.221 | 2.227 | -0.006 | 0 | 511127 | 1000.0 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.117 | 0.000 | 0 | 538607 | 250.0 | 250.0 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.568 | 3.568 | 0.000 | 95 | 181042 | 50.0 | 45.2 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.879 | 3.873 | 0.006 | 0 | 216637 | 50.0 | 44.2 | |
| * 61 Fluorobenzene | 96 | 4.221 | 4.221 | 0.000 | 98 | 737788 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.977 | 4.983 | -0.006 | 0 | 31457 | 1000.0 | 1000.0 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.050 | 6.050 | 0.000 | 98 | 654810 | 50.0 | 43.9 | |
| * 90 Chlorobenzene-d5 | 117 | 7.751 | 7.757 | -0.007 | 89 | 484745 | 50.0 | 50.0 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.830 | 8.836 | -0.006 | 83 | 188289 | 50.0 | 52.2 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.732 | 9.732 | 0.000 | 98 | 279954 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00208 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 11-Feb-2025 12:31:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20343.D

Injection Date: 10-Feb-2025 18:57:30 Instrument ID: CVOAMS2 Operator ID:

Lims ID: MB Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)

2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20343.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 18:57:30 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186728-007
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: NN6A Date: 11-Feb-2025 12:31:57

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 49 Dibromofluoromethane (Surr) | 50.0 | 45.2 | 90.49 |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 50.0 | 44.2 | 88.43 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 43.9 | 87.73 |
| $ 101 4-Bromofluorobenzene | 50.0 | 52.2 | 104.45 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020507/5

Matrix: Solid | Lab File ID: D24912.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 18:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0060 | U | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0010 | U | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0010 | U | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0020 | U | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0010 | U | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0010 | U | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0010 | U | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020507/5

Matrix: Solid | Lab File ID: D24912.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 18:12

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0010 | U | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0010 | U | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0010 | U | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 106 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 101 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 97 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24912.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 18:12:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186729-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:56:21 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 19:21:32

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 13 Ethyl ether | 59 | 2.567 | 2.567 | 0.000 | 98 | 1279 | | 0.3648 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 418666 | 1000.0 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.608 | 4.608 | 0.000 | 77 | 397854 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.181 | 5.181 | 0.000 | 96 | 170028 | 50.0 | 50.6 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 180037 | 50.0 | 51.4 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 700946 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.800 | -0.007 | 0 | 36151 | 1000.0 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.781 | 7.781 | 0.000 | 99 | 687961 | 50.0 | 48.7 | |
| * 91 Chlorobenzene-d5 | 117 | 9.149 | 9.150 | -0.001 | 88 | 478160 | 50.0 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.116 | 10.117 | -0.001 | 0 | 183397 | 50.0 | 53.2 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 226598 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 11-Feb-2025 15:01:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24912.D

Injection Date: 10-Feb-2025 18:12:30 Instrument ID: CVOAMS4 Operator ID:

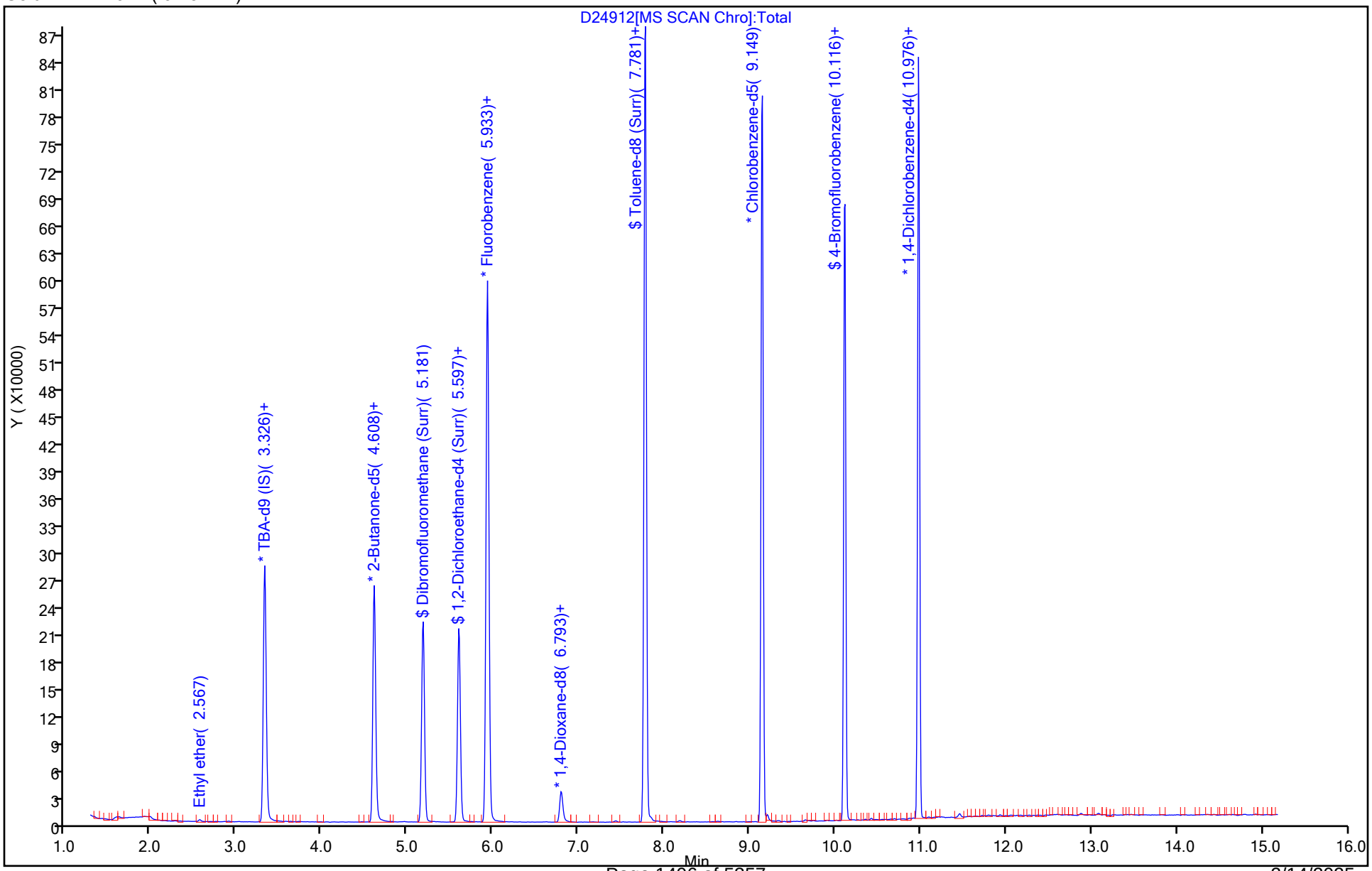
Lims ID: MB Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24912.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 18:12:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186729-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:56:21 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 19:21:32

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.6 | 101.29 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.4 | 102.84 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 48.7 | 97.33 |
| $ 102 4-Bromofluorobenzene | 50.0 | 53.2 | 106.38 |

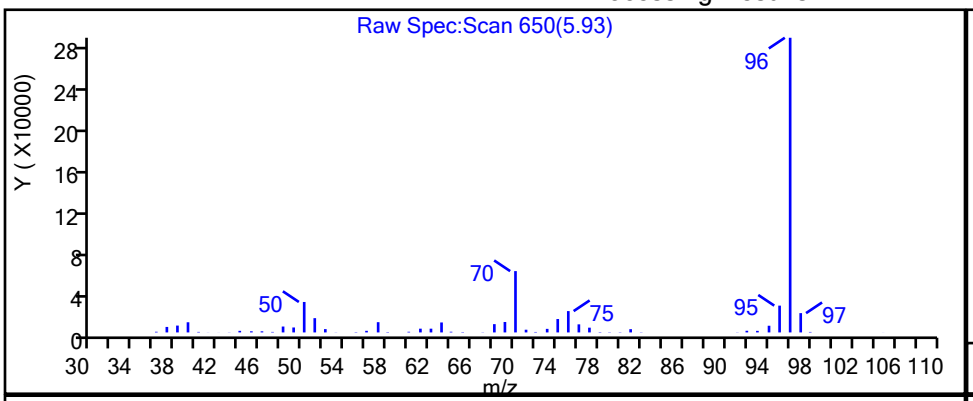
User Disabled Compound Report

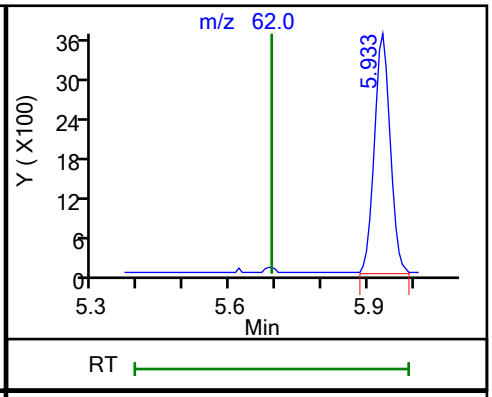
Eurofins Edison

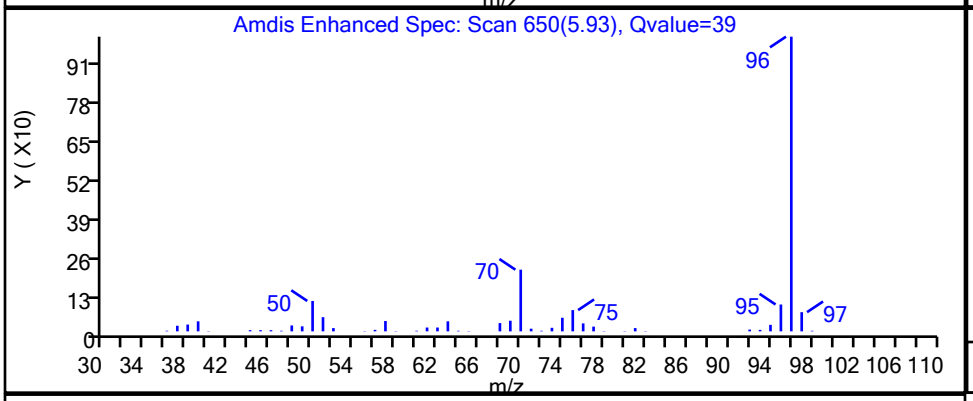
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24912.D
Injection Date: 10-Feb-2025 18:12:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

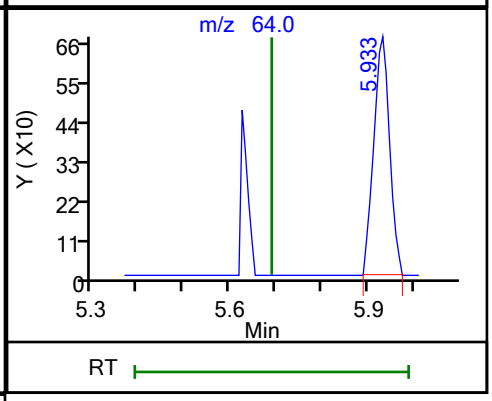
## 61 1,2-Dichloroethane, CAS: 107-06-2

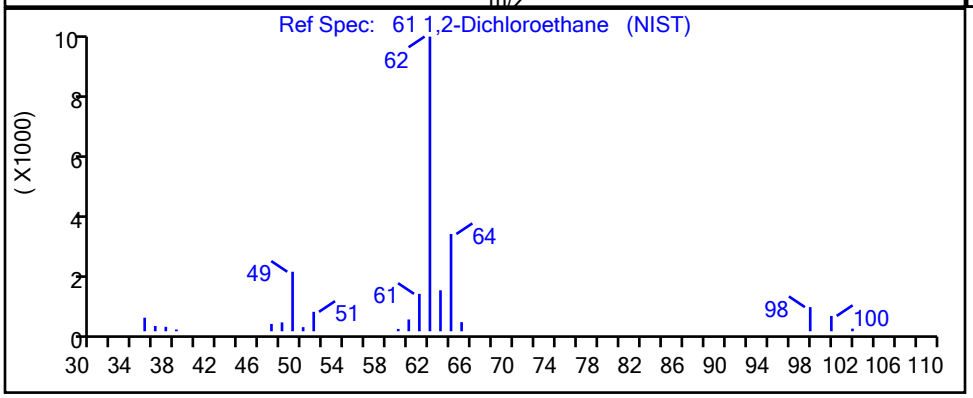
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 8810 | 1.749762 |
| 5.93 | 64.00 | 1623 | |

Reviewer: C1JX, 10-Feb-2025 19:21:13 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020540/8

Matrix: Water | Lab File ID: A22181.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 23:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 1.0 | U | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 1.0 | U | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 1.0 | U | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 1.0 | U | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 1.0 | U | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 1.0 | U | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 1.0 | U | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 1.0 | U | 1.0 | 0.37 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 1.0 | U | 1.0 | 0.38 |
| 95-50-1 | 1,2-Dichlorobenzene | 1.0 | U | 1.0 | 0.21 |
| 107-06-2 | 1,2-Dichloroethane | 1.0 | U | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 1.0 | U | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 1.0 | U | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 1.0 | U | 1.0 | 0.33 |
| 78-93-3 | 2-Butanone (MEK) | 5.0 | U | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 5.0 | U | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 5.0 | U | 5.0 | 1.3 |
| 67-64-1 | Acetone | 5.0 | U | 5.0 | 4.4 |
| 71-43-2 | Benzene | 1.0 | U | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 1.0 | U | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 1.0 | U | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 1.0 | U | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 1.0 | U | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 1.0 | U | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 1.0 | U | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 1.0 | U | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 1.0 | U | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 1.0 | U | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 1.0 | U | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 1.0 | U | 1.0 | 0.32 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020540/8

Matrix: Water | Lab File ID: A22181.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 23:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 1.0 | U | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 1.0 | U | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 1.0 | U | 1.0 | 0.30 |
| 106-93-4 | Ethylene Dibromide | 1.0 | U | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 1.0 | U | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 5.0 | U | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 1.0 | U | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 1.0 | U | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 1.0 | U | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 1.0 | U | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 1.0 | U | 1.0 | 0.36 |
| 100-42-5 | Styrene | 1.0 | U | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 1.0 | U | 1.0 | 0.25 |
| 108-88-3 | Toluene | 1.0 | U | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 1.0 | U | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1.0 | U | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 1.0 | U | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 1.0 | U | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 1.0 | U | 1.0 | 0.17 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 80 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 107 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 93 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 94 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22181.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 23:01:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186732-008
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 07:57:23 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: KG2Q Date: 11-Feb-2025 07:24:59

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 30 TBA-d9 (IS) | 65 | 3.128 | 3.134 | -0.006 | 0 | 258695 | 1000.0 | 1000.0 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 299590 | 250.0 | 250.0 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.716 | 4.716 | 0.000 | 96 | 186968 | 50.0 | 46.5 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.093 | 5.098 | -0.005 | 0 | 184042 | 50.0 | 40.2 | |
| * 66 Fluorobenzene | 96 | 5.387 | 5.387 | 0.000 | 99 | 790842 | 50.0 | 50.0 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.151 | 6.157 | -0.006 | 0 | 33004 | 1000.0 | 1000.0 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.245 | 7.245 | 0.000 | 99 | 742474 | 50.0 | 46.8 | |
| * 94 Chlorobenzene-d5 | 117 | 9.328 | 9.327 | 0.001 | 85 | 560730 | 50.0 | 50.0 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.422 | 10.422 | 0.000 | 88 | 219329 | 50.0 | 53.5 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.233 | 11.227 | 0.006 | 95 | 289237 | 50.0 | 50.0 | |

## Reagents:

8260ISNEW_00208 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 11-Feb-2025 07:57:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22181.D

Injection Date: 10-Feb-2025 23:01:30 Instrument ID: CVOAMS1 Operator ID:

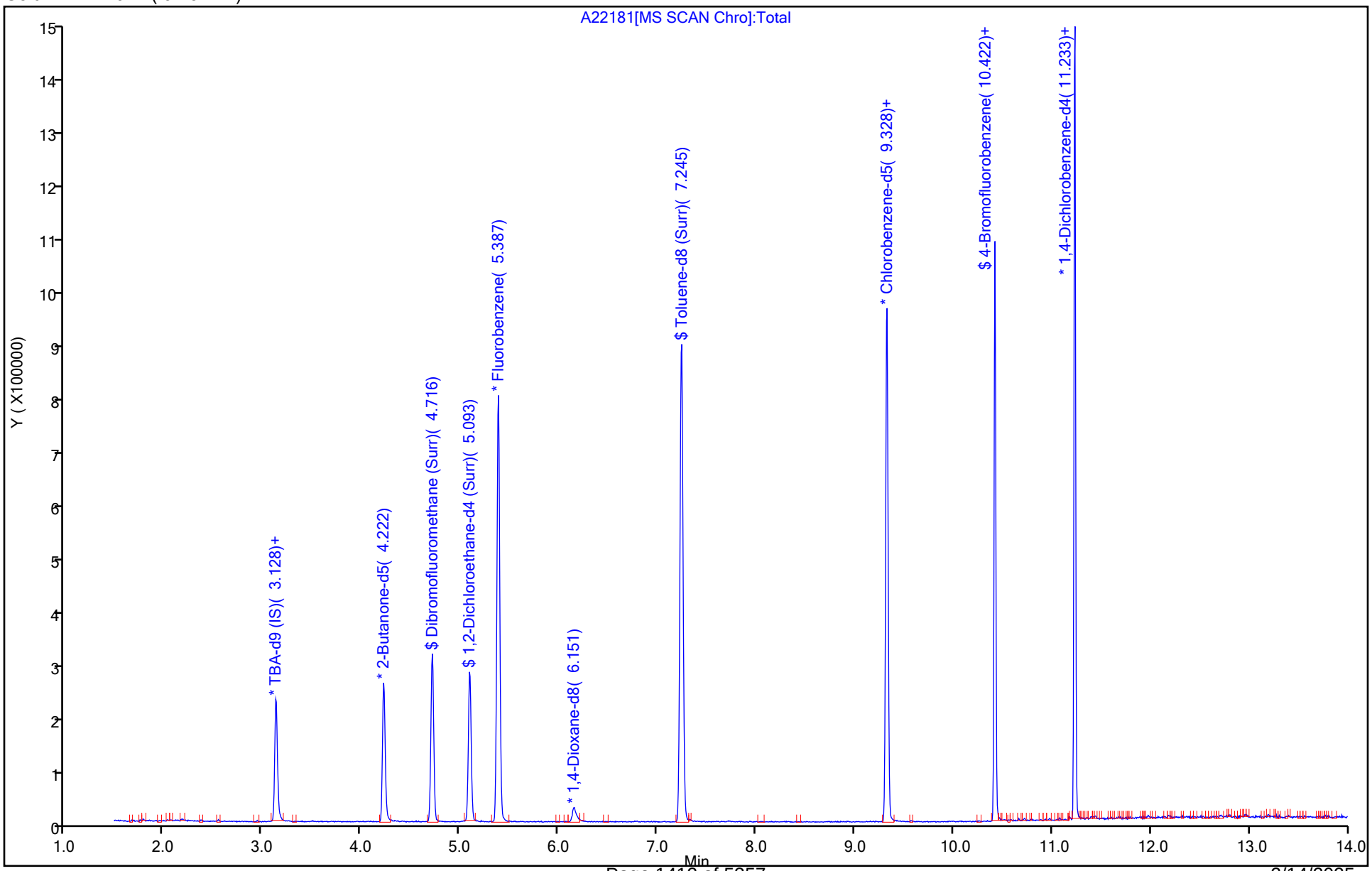
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22181.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 23:01:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0186732-008
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 07:57:23 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: KG2Q Date: 11-Feb-2025 07:24:59

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 55 Dibromofluoromethane (Surr) | 50.0 | 46.5 | 92.94 |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 50.0 | 40.2 | 80.45 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 46.8 | 93.50 |
| $ 105 4-Bromofluorobenzene | 50.0 | 53.5 | 106.91 |

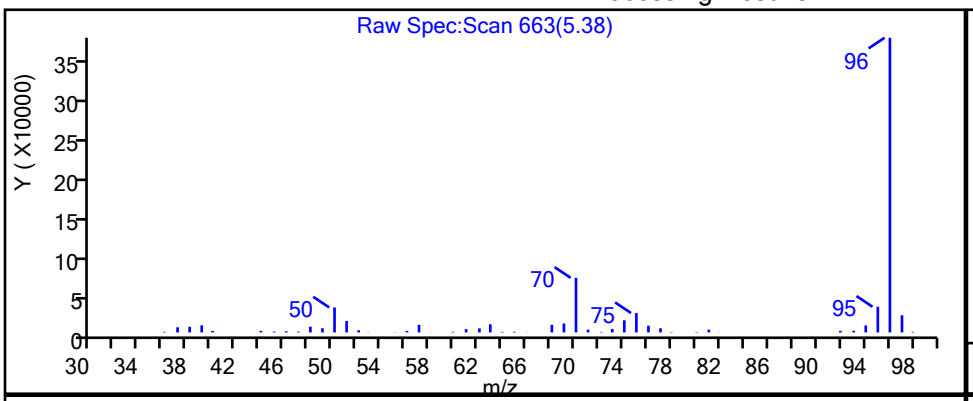
User Disabled Compound Report

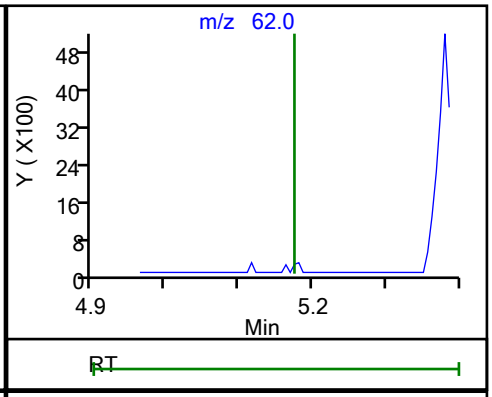
Eurofins Edison

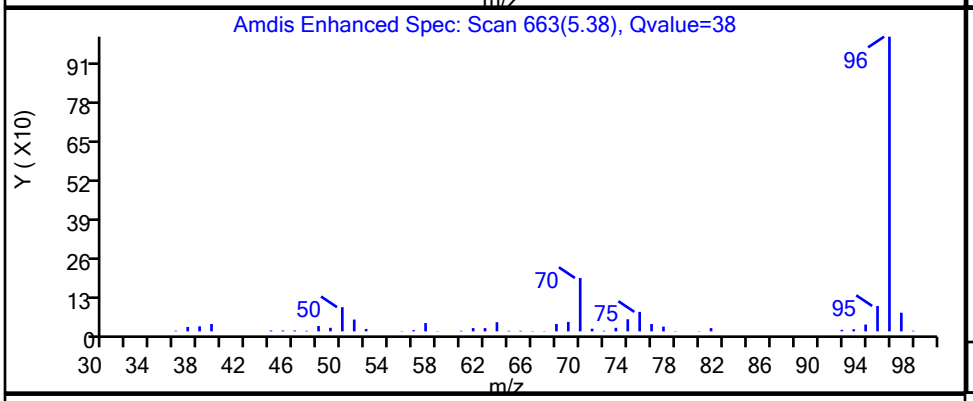
Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22181.D
Injection Date: 10-Feb-2025 23:01:30 Instrument ID: CVOAMS1
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

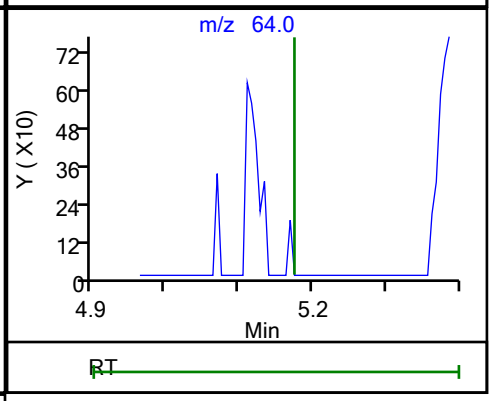
## 64 1,2-Dichloroethane, CAS: 107-06-2

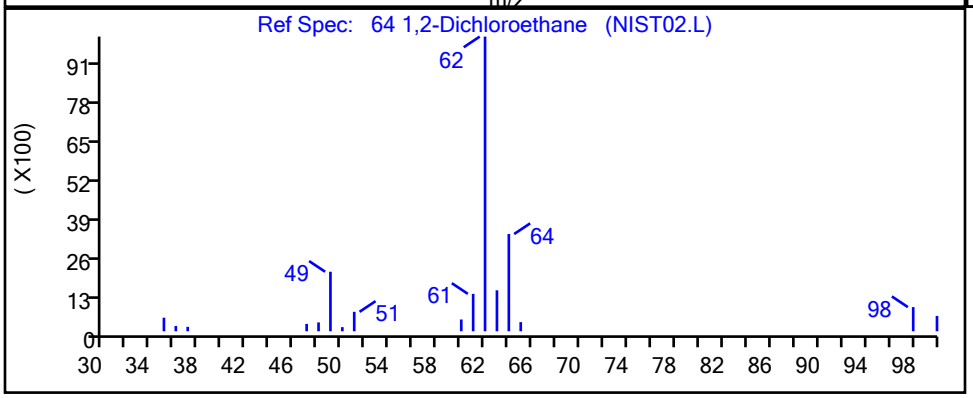
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.38 | 62.00 | 8898 | 1.744813 |
| 5.39 | 64.00 | 1527 | |

Reviewer: HVW2, 11-Feb-2025 00:48:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020626/7

Matrix: Solid | Lab File ID: D24944.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 06:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0060 | U | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0010 | U | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0010 | U | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0020 | U | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0010 | U | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0010 | U | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0010 | U | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020626/7

Matrix: Solid | Lab File ID: D24944.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 06:32

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0010 | U | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0010 | U | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0010 | U | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 103 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 96 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24944.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Feb-2025 06:32:30 ALS Bottle#: 37 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:23:42 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:03:48

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 13 Ethyl ether | 59 | 2.559 | 2.559 | 0.000 | 90 | 1128 | | 0.3071 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 498916 | 1000.0 | 1000.0 | |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.601 | 0.000 | 45 | 446126 | 250.0 | 250.0 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.174 | 0.000 | 95 | 178718 | 50.0 | 50.8 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 96 | 189477 | 50.0 | 51.7 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.926 | 0.000 | 98 | 734334 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.793 | 0.000 | 0 | 41811 | 1000.0 | 1000.0 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.774 | 0.000 | 99 | 717589 | 50.0 | 48.2 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.142 | 0.000 | 88 | 503522 | 50.0 | 50.0 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.109 | 0.000 | 0 | 198061 | 50.0 | 54.1 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 240383 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

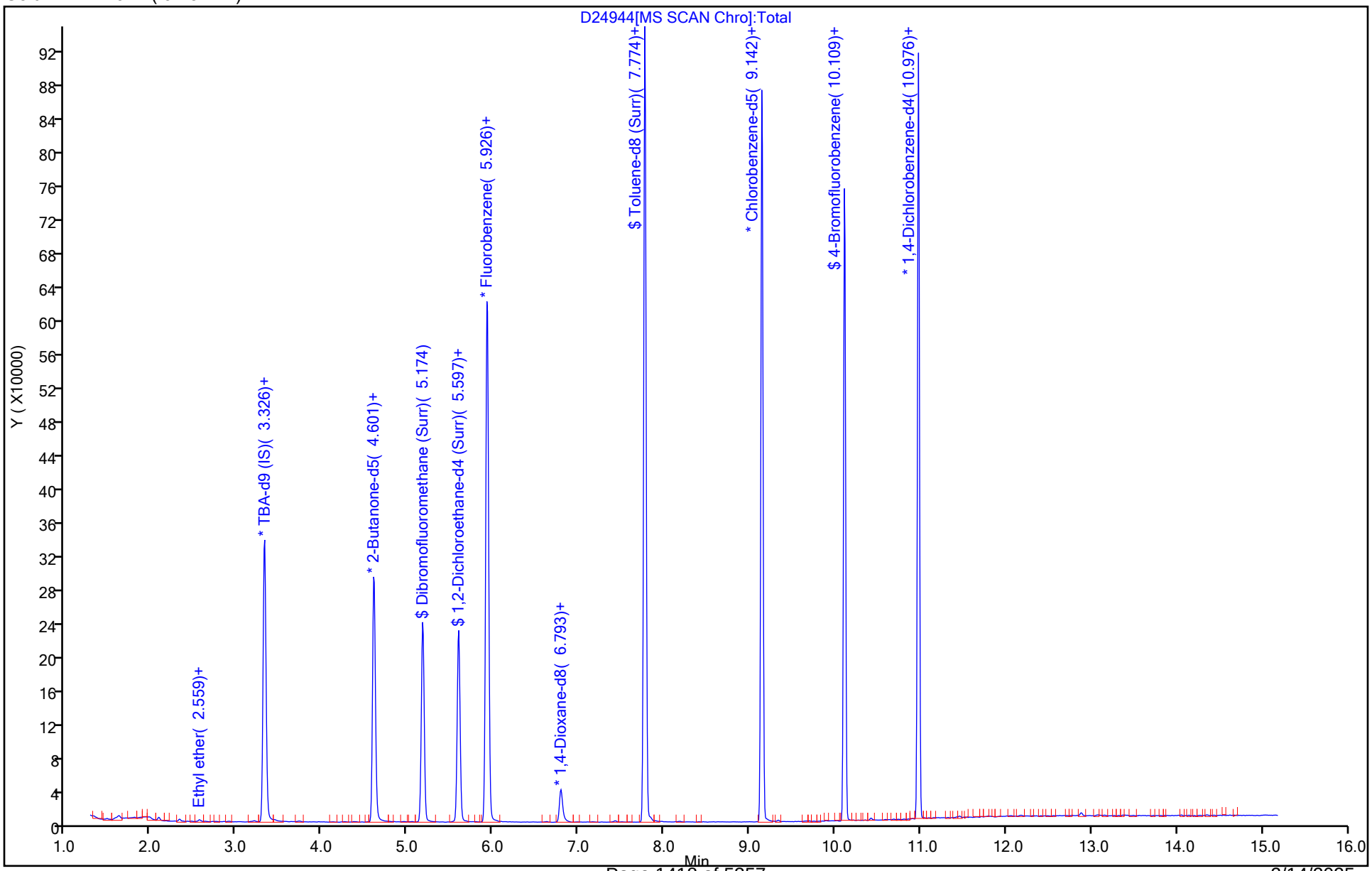
Report Date: 11-Feb-2025 12:23:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24944.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 11-Feb-2025 06:32:30 | Instrument ID: | CVOAMS4 | Operator ID: | |
| Lims ID: | MB | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 37 |
| Method: | 8260S_4 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24944.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 11-Feb-2025 06:32:30 ALS Bottle#: 37 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:23:42 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:03:48

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 50.8 | 101.63 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.7 | 103.31 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 48.2 | 96.40 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.1 | 108.30 |

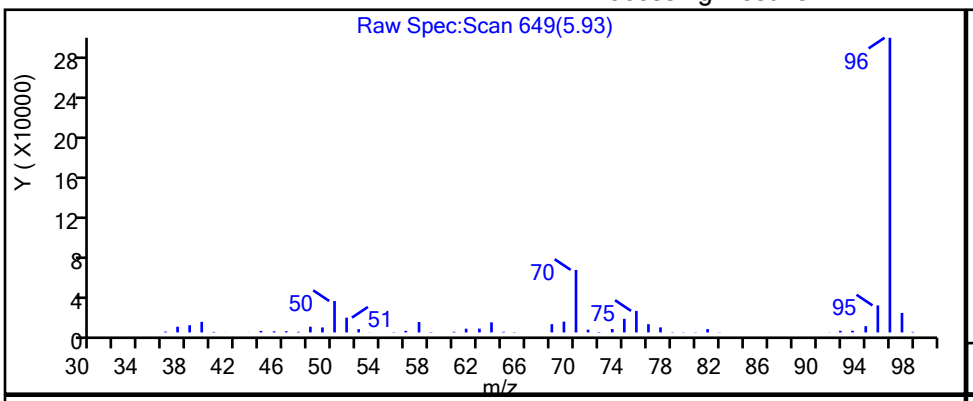
User Disabled Compound Report

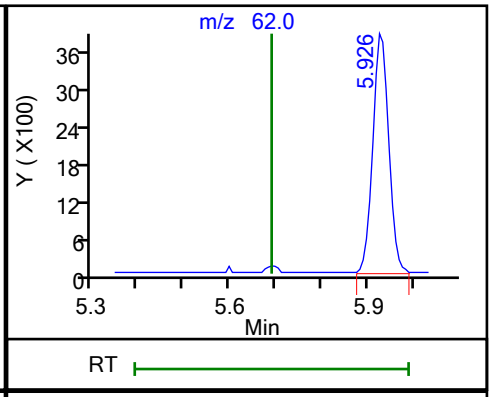
Eurofins Edison

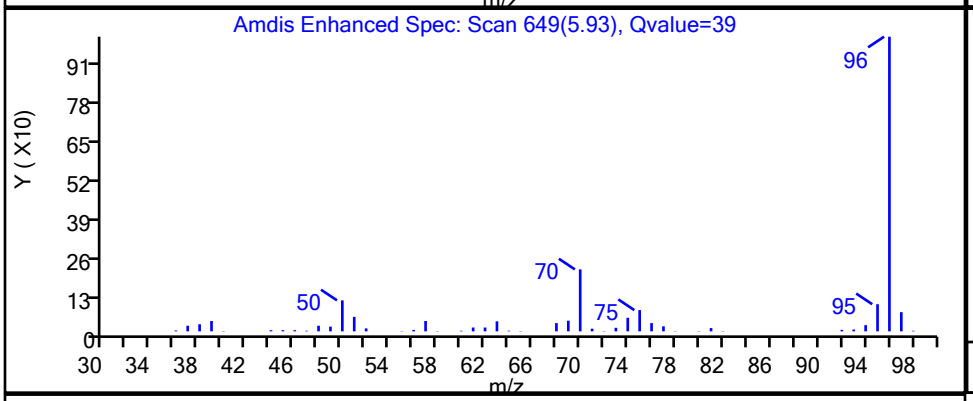
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24944.D
Injection Date: 11-Feb-2025 06:32:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 37 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 ( 0.25 mm) Detector MS SCAN

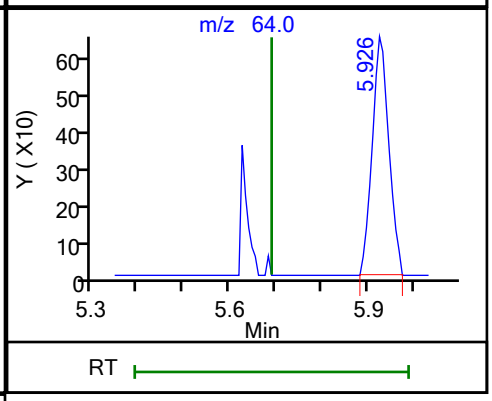
## 61 1,2-Dichloroethane, CAS: 107-06-2

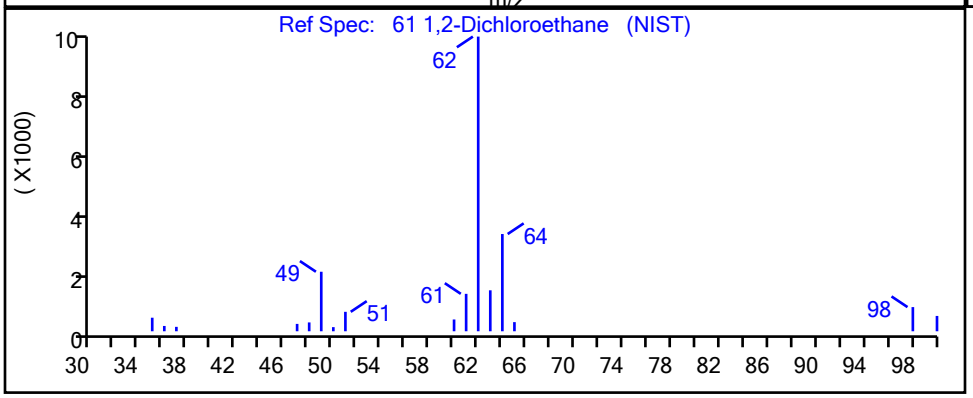
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.93 | 62.00 | 9211 | 1.746227 |
| 5.93 | 64.00 | 1655 | |

Reviewer: RD6L, 11-Feb-2025 10:03:39 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-1020016/1-A

Matrix: Solid | Lab File ID: B20344.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5.00(g) | Date Analyzed: 02/10/2025 19:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0010 | U | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0010 | U | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0010 | U | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0010 | U | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0010 | U | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0010 | U | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0010 | U | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0010 | U | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0050 | U | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0050 | U | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0050 | U | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0060 | U | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0010 | U | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0010 | U | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0020 | U | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0010 | U | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0010 | U | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0010 | U | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0010 | U | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0010 | U | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0010 | U | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0010 | U | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0010 | U | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0010 | U | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB3 460-1020016/1-A

Matrix: Solid | Lab File ID: B20344.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5.00(g) | Date Analyzed: 02/10/2025 19:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: 1020016 | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0010 | U | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0010 | U | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0010 | U | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0010 | U | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0010 | U | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0050 | U | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0010 | U | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0010 | U | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0020 | U | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0010 | U | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0010 | U | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0010 | U | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0010 | U | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0010 | U | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0010 | U | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0010 | U | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0010 | U | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0010 | U | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0010 | U | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 86 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 93 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 91 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20344.D
Lims ID: LB3 460-1020016/1-A
Client ID:
Sample Type: LB3
Inject. Date: 10-Feb-2025 19:21:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-1020016/1-A
Misc. Info.: 460-0186728-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:13:03

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 28 TBA-d9 (IS) | 65 | 2.221 | 2.227 | -0.006 | 0 | 435405 | 1000.0 | 1000.0 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.117 | 0.000 | 0 | 452716 | 250.0 | 250.0 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.568 | 3.568 | 0.000 | 95 | 189611 | 50.0 | 46.7 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.879 | 3.873 | 0.006 | 0 | 212860 | 50.0 | 42.8 | |
| * 61 Fluorobenzene | 96 | 4.221 | 4.221 | 0.000 | 98 | 748884 | 50.0 | 50.0 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.977 | 4.983 | -0.006 | 0 | 26504 | 1000.0 | 1000.0 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.050 | 6.050 | 0.000 | 98 | 681964 | 50.0 | 45.6 | |
| * 90 Chlorobenzene-d5 | 117 | 7.751 | 7.757 | -0.006 | 89 | 485533 | 50.0 | 50.0 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.830 | 8.836 | -0.006 | 83 | 196456 | 50.0 | 54.2 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.732 | 9.732 | 0.000 | 97 | 281426 | 50.0 | 50.0 | |

## QC Flag Legend
Processing Flags

## Reagents:
8260ISNEW_00208 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00252 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 11-Feb-2025 12:32:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20344.D

Injection Date: 10-Feb-2025 19:21:30 Instrument ID: CVOAMS2 Operator ID:

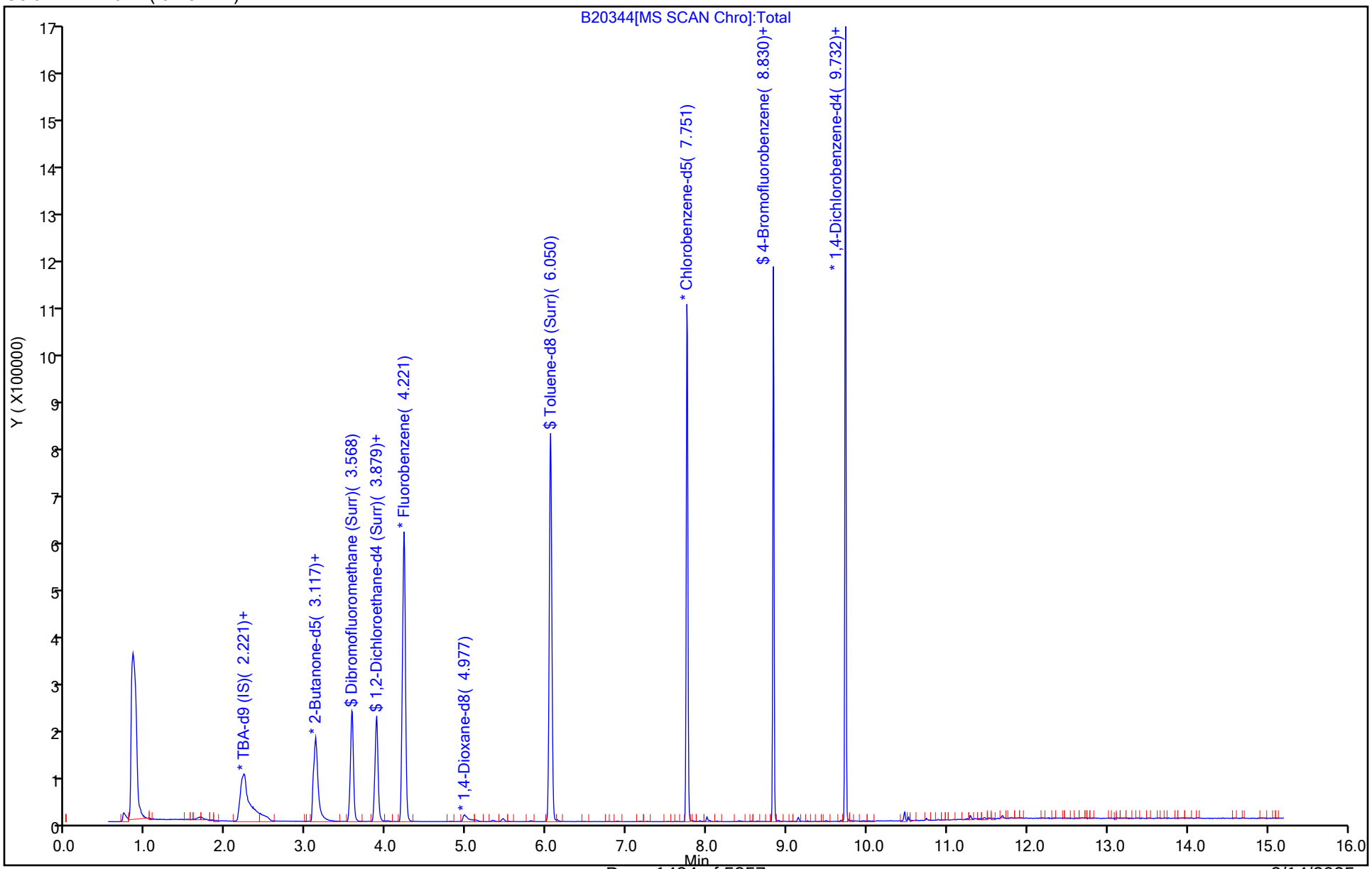
Lims ID: LB3 460-1020016/1-A Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20344.D
Lims ID: LB3 460-1020016/1-A
Client ID:
Sample Type: LB3
Inject. Date: 10-Feb-2025 19:21:30 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LB3 460-1020016/1-A
Misc. Info.: 460-0186728-008
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:13:03

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 49 Dibromofluoromethane (Surr) | 50.0 | 46.7 | 93.37 |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 50.0 | 42.8 | 85.60 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 45.6 | 91.22 |
| $ 101 4-Bromofluorobenzene | 50.0 | 54.2 | 108.41 |

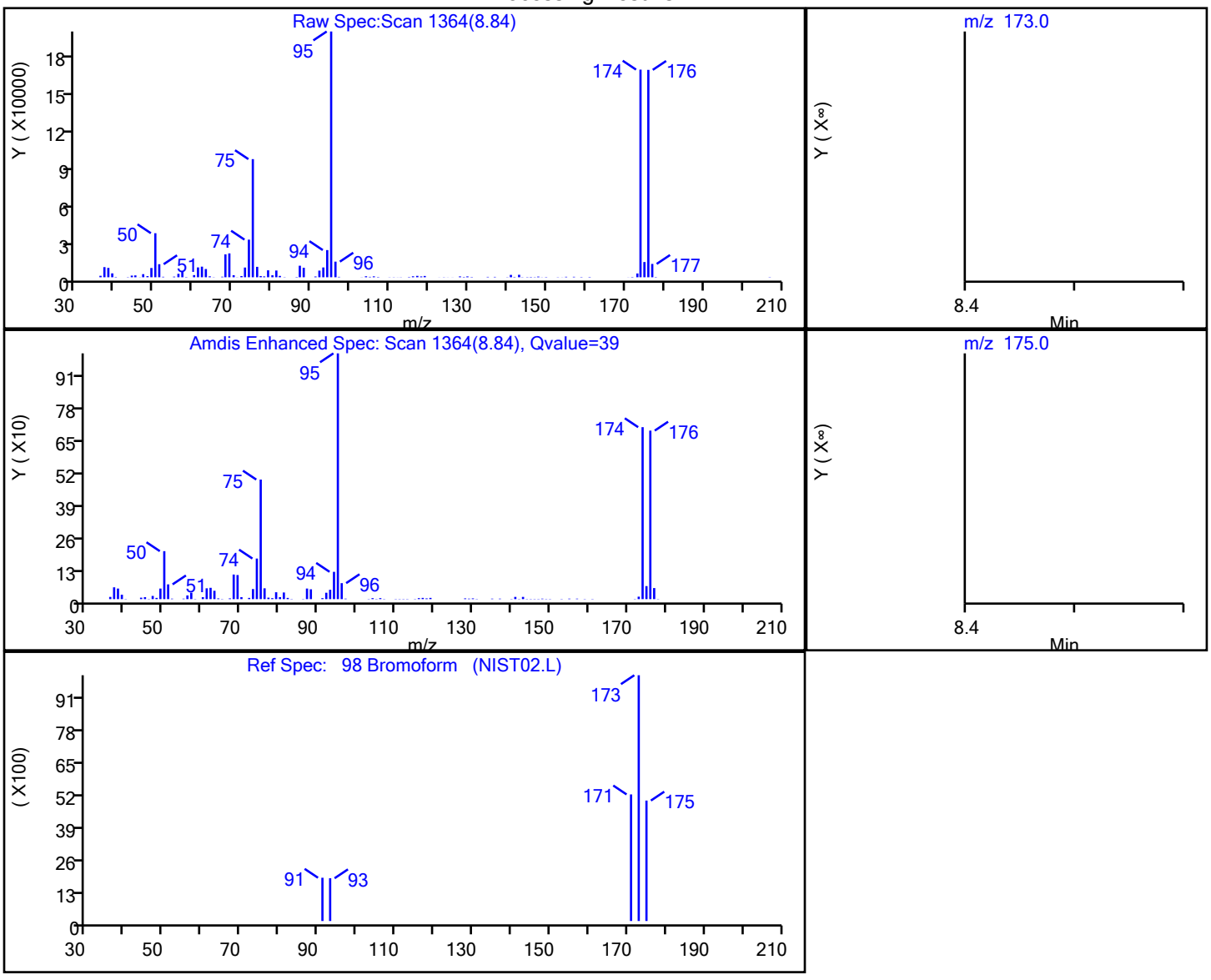
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20344.D
Injection Date: 10-Feb-2025 19:21:30 Instrument ID: CVOAMS2
Lims ID: LB3 460-1020016/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 98 Bromoform, CAS: 75-25-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.84 | 173.00 | 2043 | 1.102678 |
| 8.83 | 175.00 | 14945 | |

Reviewer: C1JX, 10-Feb-2025 19:41:50 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020506/3

Matrix: Solid | Lab File ID: B20339.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0210 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0175 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0223 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0171 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0211 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0207 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0221 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0222 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0162 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0199 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0188 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0199 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0215 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0204 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0947 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0961 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0988 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.106 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0191 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0186 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0132 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0226 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0223 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0209 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0193 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0191 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0136 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0200 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0145 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0208 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0182 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0218 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020506/3

Matrix: Solid | Lab File ID: B20339.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0193 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0152 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0203 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0185 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0194 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0361 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0171 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0218 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0198 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0199 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0196 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0184 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0223 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0195 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0211 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0165 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0219 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0129 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0146 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 87 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 112 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 93 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 93 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20339.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 17:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0186728-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:30:34 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:12:33

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.953 | 0.959 | -0.006 | 68 | 120679 | 20.0 | 15.2 | |
| 2 Chlorodifluoromethane | 67 | 0.959 | 0.965 | -0.006 | 94 | 15325 | 20.0 | 11.9 | |
| 3 Chloromethane | 50 | 1.069 | 1.075 | -0.006 | 99 | 130238 | 20.0 | 14.5 | |
| 5 Butadiene | 54 | 1.124 | 1.118 | 0.006 | 90 | 99112 | 20.0 | 14.2 | a |
| 4 Vinyl chloride | 62 | 1.130 | 1.130 | 0.000 | 98 | 97706 | 20.0 | 14.6 | |
| 6 Bromomethane | 94 | 1.337 | 1.337 | 0.000 | 98 | 57284 | 20.0 | 13.2 | |
| 7 Chloroethane | 64 | 1.361 | 1.361 | 0.000 | 99 | 56633 | 20.0 | 13.6 | |
| 9 Dichlorofluoromethane | 67 | 1.489 | 1.508 | -0.019 | 98 | 157321 | 20.0 | 12.8 | a |
| 8 Pentane | 43 | 1.526 | 1.526 | 0.000 | 98 | 285197 | 40.0 | 30.1 | M |
| 10 Trichlorofluoromethane | 101 | 1.526 | 1.538 | -0.012 | 52 | 109149 | 20.0 | 12.9 | |
| 11 Ethyl ether | 59 | 1.660 | 1.666 | -0.006 | 93 | 65349 | 20.0 | 14.0 | |
| 12 Ethanol | 46 | 1.642 | 1.678 | -0.036 | 75 | 8554 | 800.0 | 691.0 | M |
| 13 2-Methyl-1,3-butadiene | 53 | 1.672 | 1.678 | -0.006 | 98 | 85978 | 20.0 | 15.0 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.715 | 1.721 | -0.006 | 93 | 61501 | 20.0 | 16.2 | |
| 16 Acrolein | 56 | 1.752 | 1.752 | 0.000 | 98 | 217845 | 300.0 | 349.1 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.758 | 1.758 | 0.000 | 81 | 114420 | 20.0 | 16.4 | a |
| 17 1,1-Dichloroethene | 96 | 1.813 | 1.819 | -0.006 | 92 | 76063 | 20.0 | 20.7 | |
| 19 Acetone | 43 | 1.867 | 1.855 | 0.012 | 85 | 127340 | 100.0 | 106.2 | a |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.855 | 1.861 | -0.006 | 85 | 84194 | 20.0 | 22.3 | |
| 20 Iodomethane | 142 | 1.916 | 1.916 | 0.000 | 100 | 128417 | 20.0 | 23.2 | |
| 21 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 99 | 347876 | 20.0 | 22.6 | a |
| 22 Isopropyl alcohol | 45 | 1.983 | 1.977 | 0.006 | 94 | 53701 | 200.0 | 213.0 | |
| 24 3-Chloro-1-propene | 39 | 2.050 | 2.056 | -0.006 | 94 | 119125 | 20.0 | 21.7 | |
| 23 Acetonitrile | 40 | 2.050 | 2.056 | -0.006 | 79 | 42028 | 200.0 | 274.7 | |
| 25 Methyl acetate | 43 | 2.081 | 2.081 | 0.000 | 99 | 123259 | 40.0 | 36.1 | |
| 27 Methylene Chloride | 84 | 2.148 | 2.148 | 0.000 | 97 | 96998 | 20.0 | 19.8 | |
| * 28 TBA-d9 (IS) | 65 | 2.215 | 2.227 | -0.012 | 0 | 441087 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.282 | 2.276 | 0.006 | 91 | 98877 | 200.0 | 218.7 | a |
| 29 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 95 | 317009 | 200.0 | 251.4 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.337 | 2.337 | 0.000 | 99 | 86668 | 20.0 | 21.1 | |
| 31 Methyl tert-butyl ether | 73 | 2.361 | 2.361 | 0.000 | 98 | 238955 | 20.0 | 17.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Hexane | 57 | 2.556 | 2.556 | 0.000 | 94 | 136379 | 20.0 | 23.0 | |
| 33 1,1-Dichloroethane | 63 | 2.654 | 2.654 | 0.000 | 100 | 169011 | 20.0 | 21.1 | |
| 34 Vinyl acetate | 86 | 2.709 | 2.715 | -0.006 | 100 | 26964 | 40.0 | 40.8 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.727 | 2.727 | 0.000 | 92 | 77225 | 20.0 | 20.5 | |
| 36 Isopropyl ether | 45 | 2.745 | 2.751 | -0.006 | 86 | 301389 | 20.0 | 20.2 | |
| 37 Tert-butyl ethyl ether | 87 | 3.050 | 3.050 | 0.000 | 90 | 98189 | 20.0 | 18.0 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.117 | 0.000 | 0 | 477766 | 250.0 | 250.0 | |
| 39 cis-1,2-Dichloroethene | 96 | 3.136 | 3.135 | 0.001 | 91 | 93959 | 20.0 | 20.8 | |
| 40 2,2-Dichloropropane | 79 | 3.142 | 3.142 | 0.000 | 66 | 38939 | 20.0 | 17.9 | |
| 41 2-Butanone (MEK) | 72 | 3.160 | 3.166 | -0.006 | 100 | 43294 | 100.0 | 94.7 | |
| 42 Propionitrile | 54 | 3.215 | 3.215 | 0.000 | 95 | 119094 | 200.0 | 200.1 | |
| 43 Ethyl acetate | 43 | 3.233 | 3.239 | -0.006 | 100 | 194799 | 40.0 | 41.5 | |
| 44 Methyl acrylate | 55 | 3.257 | 3.251 | 0.006 | 99 | 87027 | 20.0 | 16.2 | |
| 45 Chlorobromomethane | 128 | 3.337 | 3.343 | -0.006 | 87 | 41503 | 20.0 | 19.3 | |
| 46 Methacrylonitrile | 67 | 3.343 | 3.343 | 0.000 | 93 | 312072 | 200.0 | 155.8 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.404 | 0.000 | 80 | 69945 | 40.0 | 41.3 | |
| 48 Chloroform | 83 | 3.428 | 3.428 | 0.000 | 98 | 151234 | 20.0 | 20.0 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.568 | 3.568 | 0.000 | 95 | 194346 | 50.0 | 46.3 | |
| 50 1,1,1-Trichloroethane | 97 | 3.587 | 3.587 | 0.000 | 98 | 126091 | 20.0 | 21.0 | |
| 51 Cyclohexane | 84 | 3.642 | 3.641 | 0.001 | 94 | 134387 | 20.0 | 21.8 | |
| 52 1,1-Dichloropropene | 75 | 3.733 | 3.739 | -0.006 | 96 | 118295 | 20.0 | 21.6 | |
| 53 Carbon tetrachloride | 117 | 3.739 | 3.739 | 0.000 | 98 | 105078 | 20.0 | 22.3 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.879 | 3.873 | 0.006 | 0 | 223575 | 50.0 | 43.5 | |
| 55 Benzene | 78 | 3.928 | 3.934 | -0.006 | 98 | 327668 | 20.0 | 19.1 | |
| 56 Isobutyl alcohol | 42 | 3.940 | 3.946 | -0.006 | 44 | 43282 | 500.0 | 460.8 | |
| 57 1,2-Dichloroethane | 62 | 3.952 | 3.952 | 0.000 | 97 | 111023 | 20.0 | 18.8 | |
| 58 Isooctane | 57 | 4.038 | 4.044 | -0.006 | 88 | 383838 | 20.0 | 21.3 | |
| 59 Isopropyl acetate | 61 | 4.074 | 4.080 | -0.006 | 95 | 28496 | 20.0 | 16.0 | |
| 60 Tert-amyl methyl ether | 73 | 4.080 | 4.087 | -0.006 | 92 | 261402 | 20.0 | 17.3 | |
| * 61 Fluorobenzene | 96 | 4.221 | 4.221 | 0.000 | 98 | 773386 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.251 | 4.251 | 0.000 | 95 | 147942 | 20.0 | 25.3 | |
| 63 Trichloroethene | 95 | 4.605 | 4.611 | -0.006 | 96 | 81716 | 20.0 | 21.9 | |
| 64 n-Butanol | 43 | 4.635 | 4.635 | 0.000 | 94 | 25167 | 500.0 | 521.9 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.806 | 0.000 | 99 | 218274 | 20.0 | 19.3 | |
| 66 Methylcyclohexane | 83 | 4.812 | 4.812 | 0.000 | 96 | 157486 | 20.0 | 21.8 | |
| 67 1,2-Dichloropropane | 63 | 4.849 | 4.842 | 0.007 | 93 | 89284 | 20.0 | 19.9 | |
| 68 Dibromomethane | 93 | 4.971 | 4.970 | 0.001 | 92 | 50206 | 20.0 | 18.6 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.977 | 4.983 | -0.006 | 0 | 27716 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.038 | 5.038 | 0.000 | 91 | 14107 | 400.0 | 469.5 | |
| 71 Methyl methacrylate | 100 | 5.044 | 5.050 | -0.006 | 94 | 32435 | 40.0 | 33.6 | |
| 72 n-Propyl acetate | 43 | 5.141 | 5.141 | 0.000 | 99 | 102830 | 20.0 | 16.7 | |
| 73 Dichlorobromomethane | 83 | 5.178 | 5.178 | 0.000 | 98 | 98301 | 20.0 | 19.3 | |
| 74 2-Nitropropane | 41 | 5.458 | 5.458 | 0.000 | 97 | 29708 | 40.0 | 27.3 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.586 | 5.586 | 0.000 | 95 | 43530 | 20.0 | 16.1 | |
| 76 Epichlorohydrin | 57 | 5.629 | 5.629 | 0.000 | 99 | 153349 | 400.0 | 384.0 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.726 | 5.726 | 0.000 | 95 | 121761 | 20.0 | 18.2 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.964 | 5.970 | -0.006 | 98 | 403548 | 100.0 | 98.8 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.050 | 6.050 | 0.000 | 98 | 738723 | 50.0 | 46.5 | |
| 80 Toluene | 91 | 6.135 | 6.135 | 0.000 | 93 | 317949 | 20.0 | 19.5 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.464 | 6.464 | 0.000 | 98 | 94296 | 20.0 | 16.5 | |
| 82 Ethyl methacrylate | 69 | 6.659 | 6.659 | 0.000 | 91 | 84661 | 20.0 | 15.1 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.690 | 6.690 | 0.000 | 93 | 52957 | 20.0 | 17.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 Tetrachloroethene | 166 | 6.842 | 6.842 | 0.000 | 93 | 67549 | 20.0 | 22.3 | |
| 85 1,3-Dichloropropane | 76 | 6.891 | 6.891 | 0.000 | 95 | 106168 | 20.0 | 17.9 | |
| 86 2-Hexanone | 43 | 7.062 | 7.062 | 0.000 | 98 | 250532 | 100.0 | 96.1 | |
| 87 Chlorodibromomethane | 129 | 7.147 | 7.147 | 0.000 | 98 | 62446 | 20.0 | 19.1 | |
| 88 Ethylene Dibromide | 107 | 7.244 | 7.244 | 0.000 | 98 | 58303 | 20.0 | 18.5 | |
| 89 n-Butyl acetate | 43 | 7.251 | 7.251 | 0.000 | 98 | 109632 | 20.0 | 15.1 | |
| * 90 Chlorobenzene-d5 | 117 | 7.750 | 7.757 | -0.007 | 90 | 515326 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.781 | 7.781 | 0.000 | 93 | 194571 | 20.0 | 20.9 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.878 | 7.878 | 0.000 | 93 | 69582 | 20.0 | 20.0 | |
| 93 Ethylbenzene | 106 | 7.921 | 7.921 | 0.000 | 99 | 105268 | 20.0 | 20.3 | |
| 94 m-Xylene & p-Xylene | 106 | 8.037 | 8.037 | 0.000 | 0 | 128129 | 20.0 | 19.9 | |
| 95 o-Xylene | 106 | 8.391 | 8.391 | 0.000 | 93 | 132114 | 20.0 | 19.6 | |
| 96 Styrene | 104 | 8.403 | 8.409 | -0.006 | 93 | 198337 | 20.0 | 18.4 | |
| 97 n-Butyl acrylate | 73 | 8.427 | 8.427 | 0.000 | 96 | 49322 | 20.0 | 14.3 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 95 | 36482 | 20.0 | 18.6 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.634 | 8.641 | -0.006 | 90 | 127934 | 20.0 | 15.4 | |
| 100 Isopropylbenzene | 105 | 8.720 | 8.726 | -0.006 | 97 | 323967 | 20.0 | 19.4 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.830 | 8.836 | -0.006 | 82 | 207273 | 50.0 | 55.9 | |
| 102 Bromobenzene | 156 | 8.933 | 8.933 | 0.000 | 94 | 76573 | 20.0 | 21.2 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.982 | 8.982 | 0.000 | 98 | 91504 | 20.0 | 17.5 | |
| 104 1,2,3-Trichloropropane | 110 | 8.994 | 8.994 | 0.000 | 98 | 23203 | 20.0 | 17.9 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.025 | 9.025 | 0.000 | 83 | 24357 | 20.0 | 16.5 | |
| 106 N-Propylbenzene | 120 | 9.061 | 9.061 | 0.000 | 98 | 92534 | 20.0 | 21.7 | |
| 107 2-Chlorotoluene | 126 | 9.104 | 9.104 | 0.000 | 97 | 82891 | 20.0 | 22.2 | |
| 108 4-Ethyltoluene | 105 | 9.153 | 9.153 | 0.000 | 99 | 348319 | 20.0 | 21.5 | |
| 109 4-Chlorotoluene | 91 | 9.195 | 9.195 | 0.000 | 99 | 292904 | 20.0 | 20.4 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.208 | 9.207 | 0.001 | 92 | 299441 | 20.0 | 20.6 | |
| 111 Butyl Methacrylate | 87 | 9.317 | 9.317 | 0.000 | 93 | 82811 | 20.0 | 15.0 | |
| 112 tert-Butylbenzene | 119 | 9.451 | 9.451 | 0.000 | 92 | 235699 | 20.0 | 20.6 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.488 | 9.488 | 0.000 | 98 | 311269 | 20.0 | 20.8 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.622 | 0.000 | 99 | 395633 | 20.0 | 21.5 | |
| 115 1,3-Dichlorobenzene | 146 | 9.677 | 9.677 | 0.000 | 93 | 154978 | 20.0 | 21.5 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.732 | 9.732 | 0.000 | 98 | 288114 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.738 | 0.000 | 98 | 333506 | 20.0 | 20.4 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 95 | 156685 | 20.0 | 20.4 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.799 | 9.799 | 0.000 | 99 | 332138 | 20.0 | 20.8 | |
| 120 Benzyl chloride | 126 | 9.854 | 9.854 | 0.000 | 98 | 23437 | 20.0 | 14.5 | |
| 121 2,3-Dihydroindene | 117 | 9.933 | 9.933 | 0.000 | 94 | 298058 | 20.0 | 20.5 | |
| 123 1,2-Dichlorobenzene | 146 | 10.012 | 10.012 | 0.000 | 90 | 154920 | 20.0 | 19.9 | |
| 122 p-Diethylbenzene | 119 | 10.018 | 10.018 | 0.000 | 90 | 207475 | 20.0 | 20.7 | |
| 124 n-Butylbenzene | 92 | 10.031 | 10.030 | 0.000 | 98 | 194502 | 20.0 | 20.9 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.561 | 10.561 | 0.000 | 96 | 304694 | 20.0 | 19.7 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.567 | 10.567 | 0.000 | 96 | 16368 | 20.0 | 16.2 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.713 | 10.713 | 0.000 | 95 | 127271 | 20.0 | 22.8 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 94 | 118211 | 20.0 | 22.2 | |
| 129 Hexachlorobutadiene | 225 | 11.256 | 11.256 | 0.000 | 92 | 56076 | 20.0 | 23.1 | |
| 130 Naphthalene | 128 | 11.292 | 11.292 | 0.000 | 99 | 294624 | 20.0 | 18.2 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.463 | 11.463 | 0.000 | 94 | 115659 | 20.0 | 22.1 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 41.8 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 34.7 | |
| S 134 Xylenes, Total | 100 | | | | 0 | | 40.0 | 39.5 | |
| S 135 Total BTEX | 1 | | | | 0 | | 100.0 | 98.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

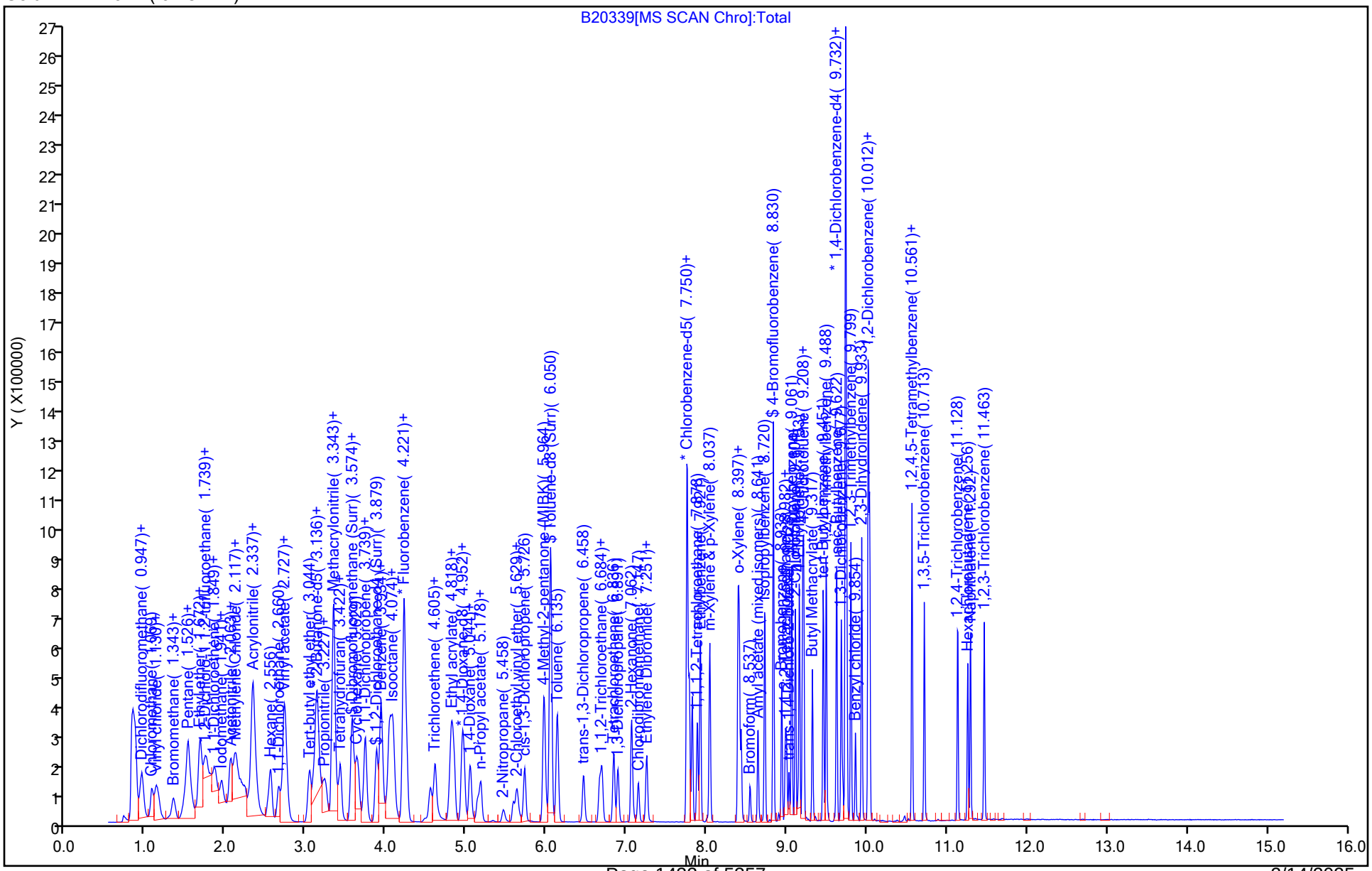
Report Date: 11-Feb-2025 12:30:36 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20339.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:17:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | LCS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20339.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 17:17:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0186728-003
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:30:34 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:12:33

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 49 Dibromofluoromethane (Surr) | 50.0 | 46.3 | 92.67 |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 50.0 | 43.5 | 87.06 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 46.5 | 93.09 |
| $ 101 4-Bromofluorobenzene | 50.0 | 55.9 | 111.72 |

Manual Integration/User Assign Peak Report

Eurofins Edison

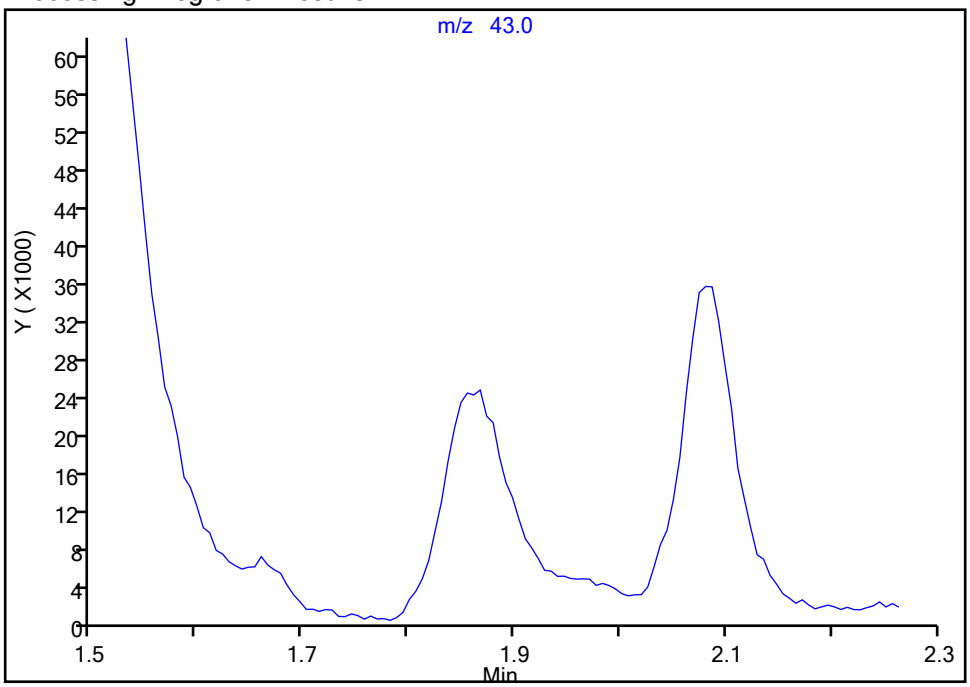
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20339.D
Injection Date: 10-Feb-2025 17:17:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 19 Acetone, CAS: 67-64-1

Signal: 1

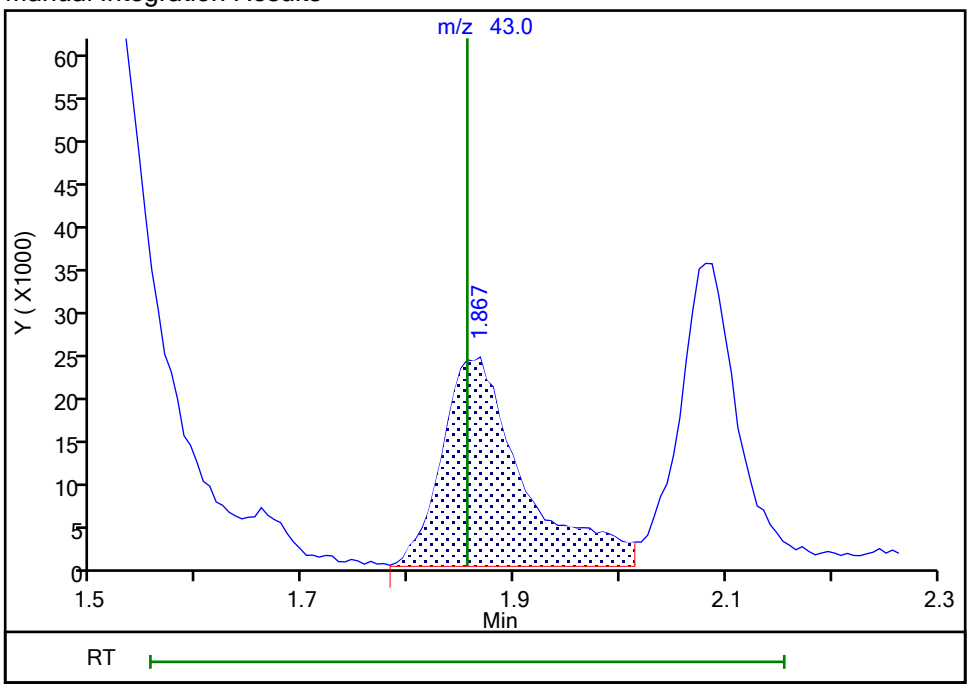
Not Detected
Expected RT: 1.86

Processing Integration Results




Manual Integration Results

RT: 1.87
Area: 127340
Amount: 106.1706
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 18:07:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

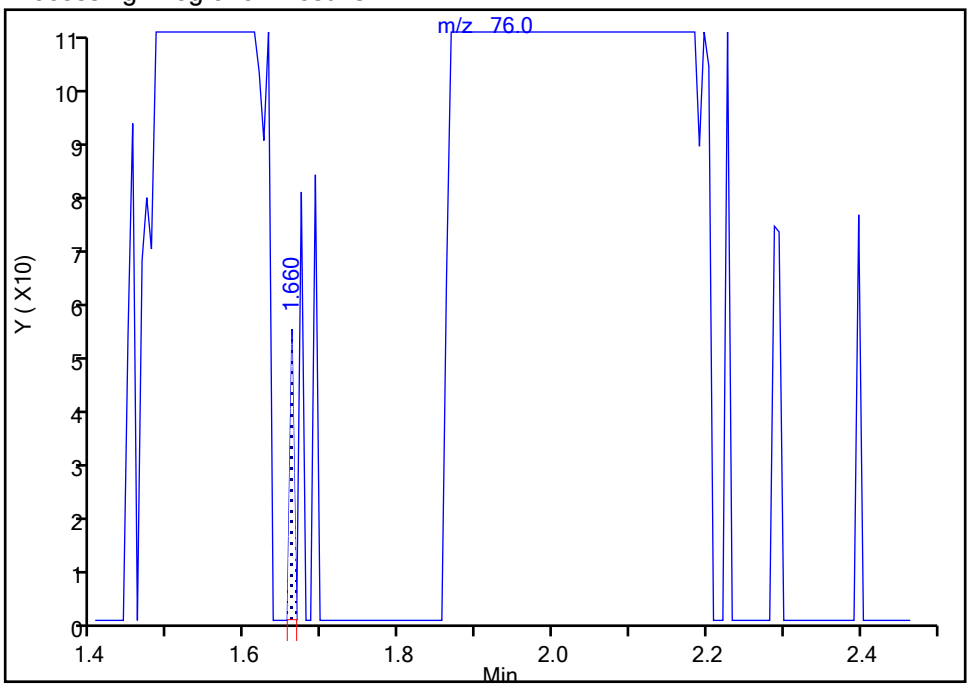
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20339.D
Injection Date: 10-Feb-2025 17:17:30 Instrument ID: CVOAMS2
Lims ID: LCS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

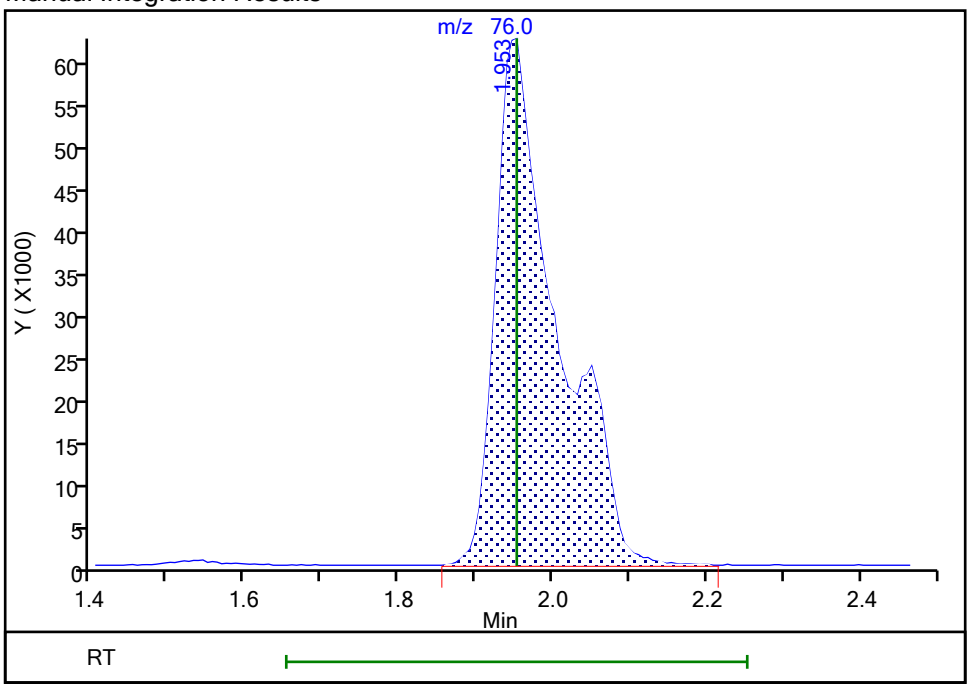
Processing Integration Results

RT: 1.66
Area: 19
Amount: 0.001236
Amount Units: ug/l




Manual Integration Results

RT: 1.95
Area: 347876
Amount: 22.638412
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 18:07:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020507/2

Matrix: Solid | Lab File ID: D24909.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0193 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0192 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0210 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0192 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0192 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0206 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0184 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0179 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0189 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0186 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0177 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0188 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0193 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0194 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0956 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0926 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0938 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0902 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0195 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0184 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0419 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0196 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0192 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0193 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0195 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0182 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0208 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0193 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0197 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0199 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0187 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0200 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020507/2

Matrix: Solid | Lab File ID: D24909.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0186 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0223 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0191 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0184 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0183 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0369 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0188 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0185 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0184 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0186 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0192 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0187 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0193 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0195 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0201 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0179 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0195 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0221 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0210 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 98 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 104 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24909.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 17:03:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0186729-002
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:44:39 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 18:11:06

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.328 | 1.328 | 0.000 | 88 | 21307 | 20.0 | 14.9 | |
| 2 Dichlorodifluoromethane | 85 | 1.363 | 1.363 | 0.000 | 99 | 152969 | 20.0 | 22.3 | |
| 3 Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 97 | 167704 | 20.0 | 18.4 | |
| 4 Chloromethane | 50 | 1.557 | 1.557 | 0.000 | 99 | 127627 | 20.0 | 19.7 | |
| 5 Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 108515 | 20.0 | 21.0 | |
| 6 Butadiene | 54 | 1.679 | 1.671 | 0.008 | 96 | 106828 | 20.0 | 20.7 | |
| 7 Bromomethane | 94 | 1.965 | 1.958 | 0.007 | 99 | 51577 | 20.0 | 41.9 | |
| 8 Chloroethane | 64 | 2.065 | 2.065 | 0.000 | 100 | 67742 | 20.0 | 20.8 | |
| 9 Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 98 | 125328 | 20.0 | 22.1 | |
| 10 Dichlorofluoromethane | 67 | 2.280 | 2.280 | 0.000 | 99 | 178196 | 20.0 | 20.9 | |
| 11 Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 33635 | 40.0 | 39.3 | |
| 12 Ethanol | 46 | 2.531 | 2.531 | 0.000 | 96 | 15029 | 800.0 | 700.1 | |
| 13 Ethyl ether | 59 | 2.567 | 2.567 | 0.000 | 97 | 64719 | 20.0 | 18.8 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 96 | 82240 | 20.0 | 20.6 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.631 | 2.624 | 0.007 | 90 | 63491 | 20.0 | 20.3 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 96 | 122873 | 20.0 | 20.3 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 89 | 81511 | 20.0 | 21.0 | |
| 18 Acrolein | 56 | 2.753 | 2.753 | 0.000 | 96 | 179315 | 300.0 | 378.1 | |
| 19 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 80964 | 20.0 | 20.6 | |
| 20 Acetone | 43 | 2.903 | 2.903 | 0.000 | 88 | 80914 | 100.0 | 90.2 | |
| 21 Iodomethane | 142 | 2.954 | 2.954 | 0.000 | 98 | 93524 | 20.0 | 21.3 | |
| 22 Carbon disulfide | 76 | 2.982 | 2.982 | 0.000 | 99 | 295731 | 20.0 | 19.6 | |
| 23 Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 99 | 44029 | 200.0 | 177.5 | |
| 24 3-Chloro-1-propene | 76 | 3.168 | 3.161 | 0.007 | 95 | 52853 | 20.0 | 20.3 | |
| 25 Cyclopentene | 67 | 3.183 | 3.176 | 0.007 | 96 | 189557 | 20.0 | 18.5 | |
| 26 Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 86031 | 40.0 | 36.9 | |
| 27 Acetonitrile | 40 | 3.247 | 3.247 | 0.000 | 100 | 37841 | 200.0 | 173.3 | |
| 28 Methylene Chloride | 84 | 3.319 | 3.319 | 0.000 | 93 | 87476 | 20.0 | 18.4 | |
| * 29 TBA-d9 (IS) | 65 | 3.333 | 3.326 | 0.007 | 0 | 324896 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 72434 | 200.0 | 180.2 | |
| 31 Methyl tert-butyl ether | 73 | 3.512 | 3.512 | 0.000 | 97 | 200778 | 20.0 | 18.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 86973 | 20.0 | 20.1 | |
| 33 Acrylonitrile | 53 | 3.634 | 3.634 | 0.000 | 94 | 219763 | 200.0 | 195.6 | |
| 34 Hexane | 57 | 3.734 | 3.734 | 0.000 | 91 | 132424 | 20.0 | 18.3 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 97 | 244000 | 20.0 | 18.6 | |
| 36 1,1-Dichloroethane | 63 | 4.014 | 4.014 | 0.000 | 99 | 153169 | 20.0 | 19.2 | |
| 37 Vinyl acetate | 86 | 4.057 | 4.050 | 0.007 | 100 | 28842 | 40.0 | 38.0 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 78921 | 20.0 | 20.4 | |
| 39 Tert-butyl ethyl ether | 59 | 4.379 | 4.372 | 0.007 | 89 | 233222 | 20.0 | 18.6 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 95 | 39133 | 20.0 | 18.9 | |
| * 41 2-Butanone-d5 | 46 | 4.608 | 4.608 | 0.000 | 95 | 313127 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.644 | 4.644 | 0.000 | 98 | 90550 | 20.0 | 19.9 | |
| 43 2-Butanone (MEK) | 72 | 4.680 | 4.673 | 0.007 | 100 | 37670 | 100.0 | 95.6 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 98 | 14771 | 40.0 | 39.9 | |
| 45 Methyl acrylate | 55 | 4.751 | 4.752 | -0.001 | 100 | 54686 | 20.0 | 18.7 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 99 | 85066 | 200.0 | 193.1 | |
| 47 Tetrahydrofuran | 72 | 4.909 | 4.909 | 0.000 | 89 | 16053 | 40.0 | 37.1 | |
| 48 Chlorobromomethane | 128 | 4.916 | 4.916 | 0.000 | 89 | 35228 | 20.0 | 19.5 | |
| 49 Methacrylonitrile | 67 | 4.959 | 4.959 | 0.000 | 91 | 266695 | 200.0 | 194.8 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 137530 | 20.0 | 19.3 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 93 | 125506 | 20.0 | 20.0 | |
| 52 1,1,1-Trichloroethane | 97 | 5.145 | 5.145 | 0.000 | 99 | 113194 | 20.0 | 19.3 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.181 | 5.181 | 0.000 | 96 | 171042 | 50.0 | 51.8 | |
| 54 Carbon tetrachloride | 117 | 5.289 | 5.289 | 0.000 | 98 | 95205 | 20.0 | 19.2 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 119702 | 20.0 | 19.1 | |
| 56 Isobutyl alcohol | 43 | 5.539 | 5.539 | 0.000 | 92 | 124411 | 500.0 | 434.8 | |
| 137 Isooctane | 57 | 5.547 | 5.547 | 0.000 | 94 | 311167 | 20.0 | 17.7 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 97 | 333474 | 20.0 | 19.5 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 97 | 168024 | 50.0 | 48.8 | |
| 59 Tert-amyl methyl ether | 87 | 5.676 | 5.676 | 0.000 | 92 | 61337 | 20.0 | 18.3 | |
| 60 Isopropyl acetate | 61 | 5.690 | 5.690 | 0.000 | 99 | 36341 | 20.0 | 18.5 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 95 | 87387 | 20.0 | 17.7 | |
| 62 n-Heptane | 43 | 5.790 | 5.790 | 0.000 | 92 | 124642 | 20.0 | 16.6 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 688939 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.363 | 6.356 | 0.007 | 85 | 50870 | 500.0 | 458.8 | |
| 65 Trichloroethene | 95 | 6.370 | 6.363 | 0.007 | 97 | 84470 | 20.0 | 19.5 | |
| 66 Methylcyclohexane | 83 | 6.506 | 6.506 | 0.000 | 97 | 143561 | 20.0 | 18.5 | |
| 67 Ethyl acrylate | 55 | 6.557 | 6.557 | 0.000 | 99 | 86955 | 20.0 | 17.2 | |
| 68 1,2-Dichloropropane | 63 | 6.721 | 6.721 | 0.000 | 94 | 83840 | 20.0 | 18.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.800 | 6.800 | 0.000 | 0 | 29391 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.850 | 6.843 | 0.007 | 90 | 34840 | 40.0 | 38.5 | |
| 71 1,4-Dioxane | 88 | 6.865 | 6.865 | 0.000 | 87 | 15231 | 400.0 | 353.3 | |
| 72 Dibromomethane | 93 | 6.865 | 6.865 | 0.000 | 93 | 43796 | 20.0 | 18.5 | |
| 73 n-Propyl acetate | 43 | 6.922 | 6.922 | 0.000 | 97 | 88002 | 20.0 | 17.7 | |
| 74 Dichlorobromomethane | 83 | 7.051 | 7.051 | 0.000 | 100 | 96801 | 20.0 | 18.6 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 97 | 30139 | 40.0 | 30.5 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 96 | 44619 | 20.0 | 18.9 | |
| 77 Epichlorohydrin | 57 | 7.509 | 7.509 | 0.000 | 98 | 123337 | 400.0 | 414.5 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.559 | 7.559 | 0.000 | 90 | 131135 | 20.0 | 18.7 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.724 | 7.717 | 0.007 | 96 | 289638 | 100.0 | 93.8 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.781 | 7.781 | 0.000 | 99 | 700223 | 50.0 | 50.5 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 344341 | 20.0 | 19.5 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 94 | 109627 | 20.0 | 17.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.190 | 8.190 | 0.000 | 88 | 91515 | 20.0 | 18.6 | |
| 84 1,1,2-Trichloroethane | 83 | 8.326 | 8.326 | 0.000 | 97 | 55351 | 20.0 | 19.2 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 94 | 70890 | 20.0 | 19.3 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 93 | 105592 | 20.0 | 18.4 | |
| 87 2-Hexanone | 43 | 8.541 | 8.541 | 0.000 | 95 | 204221 | 100.0 | 92.6 | |
| 88 n-Butyl acetate | 73 | 8.627 | 8.627 | 0.000 | 99 | 17482 | 20.0 | 17.6 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 65015 | 20.0 | 18.2 | |
| 90 Ethylene Dibromide | 107 | 8.770 | 8.770 | 0.000 | 98 | 60767 | 20.0 | 18.4 | |
| * 91 Chlorobenzene-d5 | 117 | 9.150 | 9.150 | 0.000 | 88 | 468703 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 202619 | 20.0 | 19.3 | |
| 93 Ethylbenzene | 106 | 9.236 | 9.236 | 0.000 | 99 | 112884 | 20.0 | 19.1 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 97 | 64303 | 20.0 | 19.0 | |
| 95 m-Xylene & p-Xylene | 106 | 9.343 | 9.343 | 0.000 | 0 | 139159 | 20.0 | 18.6 | |
| 96 n-Butyl acrylate | 73 | 9.651 | 9.651 | 0.000 | 97 | 52751 | 20.0 | 17.4 | |
| 97 o-Xylene | 106 | 9.672 | 9.673 | -0.001 | 93 | 132511 | 20.0 | 19.2 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 94 | 220713 | 20.0 | 18.7 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 112732 | 20.0 | 18.6 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 95 | 37333 | 20.0 | 18.4 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 308541 | 20.0 | 18.3 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.117 | 10.117 | 0.000 | 0 | 189292 | 50.0 | 54.8 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 95 | 72733 | 20.0 | 19.7 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.253 | 10.246 | 0.007 | 99 | 80929 | 20.0 | 19.2 | |
| 105 N-Propylbenzene | 91 | 10.274 | 10.274 | 0.000 | 99 | 420883 | 20.0 | 19.2 | |
| 106 1,2,3-Trichloropropane | 110 | 10.289 | 10.289 | -0.001 | 94 | 20562 | 20.0 | 19.0 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.303 | 10.303 | 0.000 | 83 | 25558 | 20.0 | 18.6 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 99 | 347840 | 20.0 | 19.9 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 94 | 286152 | 20.0 | 19.5 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.410 | 10.410 | 0.000 | 95 | 271094 | 20.0 | 18.4 | |
| 111 4-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 98 | 266152 | 20.0 | 19.2 | |
| 112 Butyl Methacrylate | 87 | 10.475 | 10.475 | 0.000 | 90 | 97077 | 20.0 | 18.5 | |
| 113 tert-Butylbenzene | 119 | 10.647 | 10.647 | 0.000 | 92 | 223917 | 20.0 | 18.6 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 277153 | 20.0 | 18.7 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 355705 | 20.0 | 18.6 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 98 | 287912 | 20.0 | 18.6 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 94 | 143747 | 20.0 | 19.3 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 97 | 227194 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.998 | 10.998 | 0.000 | 93 | 146934 | 20.0 | 19.4 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 288376 | 20.0 | 18.7 | |
| 121 Benzyl chloride | 126 | 11.105 | 11.105 | 0.000 | 98 | 29952 | 20.0 | 18.8 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 93 | 290444 | 20.0 | 18.5 | |
| 123 p-Diethylbenzene | 119 | 11.191 | 11.184 | 0.007 | 92 | 191515 | 20.0 | 18.0 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 97 | 166383 | 20.0 | 17.4 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 96 | 131172 | 20.0 | 18.6 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.786 | 11.786 | 0.000 | 97 | 250208 | 20.0 | 17.8 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 98 | 13870 | 20.0 | 18.9 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.015 | 12.015 | 0.000 | 96 | 89154 | 20.0 | 17.9 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 94 | 75952 | 20.0 | 17.9 | |
| 130 Hexachlorobutadiene | 225 | 12.717 | 12.717 | 0.000 | 92 | 37491 | 20.0 | 17.7 | |
| 131 Naphthalene | 128 | 12.882 | 12.882 | 0.000 | 99 | 199521 | 20.0 | 18.2 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.154 | 13.154 | 0.000 | 94 | 67666 | 20.0 | 18.4 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.9 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.8 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 95.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 11-Feb-2025 12:45:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24909.D

Injection Date: 10-Feb-2025 17:03:30 Instrument ID: CVOAMS4 Operator ID:

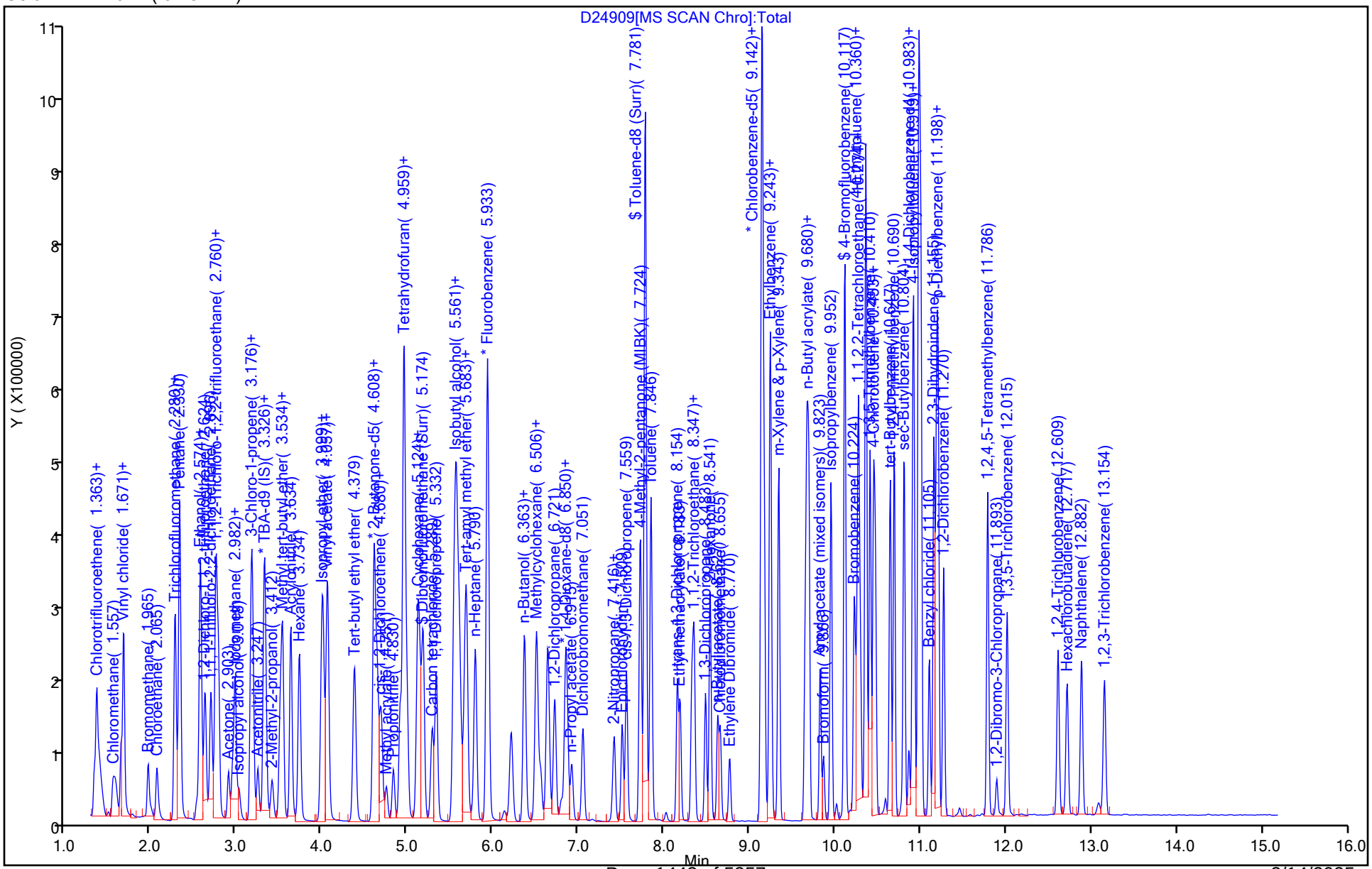
Lims ID: LCS Worklist Smp#: 2

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24909.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 17:03:30 ALS Bottle#: 2 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0186729-002
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:44:39 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 18:11:06

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.8 | 103.67 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 48.8 | 97.65 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.5 | 101.06 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.8 | 109.51 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020540/4

Matrix: Water | Lab File ID: A22177.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 21:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 19.1 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 21.6 | | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 18.1 | | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 21.3 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 17.2 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 17.1 | | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 22.3 | | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 22.3 | | 1.0 | 0.37 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 25.5 | | 1.0 | 0.38 |
| 95-50-1 | 1,2-Dichlorobenzene | 22.1 | | 1.0 | 0.21 |
| 107-06-2 | 1,2-Dichloroethane | 17.4 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 16.9 | | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 22.1 | | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 21.6 | | 1.0 | 0.33 |
| 78-93-3 | 2-Butanone (MEK) | 139 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 129 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 115 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 120 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 18.7 | | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 25.2 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 17.6 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 12.1 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 18.7 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 21.6 | | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 22.7 | | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 23.1 | | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 18.0 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 19.5 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 14.3 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 19.1 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 20.3 | | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 12.9 | | 1.0 | 0.32 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020540/4

Matrix: Water | Lab File ID: A22177.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 21:22

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 20.0 | | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 19.4 | | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 21.9 | | 1.0 | 0.30 |
| 106-93-4 | Ethylene Dibromide | 23.0 | | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 21.7 | | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 30.3 | | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 20.0 | | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 16.1 | | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 18.4 | | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 21.3 | | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 22.4 | | 1.0 | 0.36 |
| 100-42-5 | Styrene | 22.2 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 20.6 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 19.2 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 18.2 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 20.3 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 18.7 | | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 19.8 | | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 16.6 | | 1.0 | 0.17 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 80 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 90 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 93 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22177.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 21:22:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 02:40:35 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1695

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:40:43

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.528 | 1.528 | 0.000 | 90 | 20780 | 20.0 | 17.0 | |
| 4 Dichlorodifluoromethane | 85 | 1.557 | 1.557 | 0.000 | 99 | 117626 | 20.0 | 19.4 | |
| 165 Chlorodifluoromethane | 51 | 1.581 | 1.575 | 0.006 | 97 | 152301 | 20.0 | 16.7 | |
| 6 Chloromethane | 50 | 1.746 | 1.740 | 0.006 | 99 | 114856 | 20.0 | 14.3 | |
| 7 Vinyl chloride | 62 | 1.810 | 1.810 | 0.000 | 97 | 98508 | 20.0 | 16.6 | |
| 172 Butadiene | 39 | 1.834 | 1.834 | 0.000 | 92 | 72731 | 20.0 | 12.8 | |
| 9 Bromomethane | 94 | 2.087 | 2.087 | 0.000 | 96 | 46817 | 20.0 | 17.6 | |
| 10 Chloroethane | 64 | 2.163 | 2.163 | 0.000 | 97 | 64964 | 20.0 | 18.0 | |
| 174 Dichlorofluoromethane | 67 | 2.316 | 2.316 | 0.000 | 99 | 171578 | 20.0 | 18.0 | |
| 12 Trichlorofluoromethane | 101 | 2.328 | 2.328 | 0.000 | 98 | 118983 | 20.0 | 19.8 | |
| 13 Pentane | 72 | 2.369 | 2.369 | 0.000 | 98 | 21260 | 40.0 | 22.8 | |
| 14 Ethanol | 46 | 2.493 | 2.493 | 0.000 | 98 | 14641 | 800.0 | 645.7 | |
| 15 Ethyl ether | 59 | 2.546 | 2.546 | 0.000 | 93 | 63761 | 20.0 | 15.3 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.569 | 2.569 | 0.000 | 91 | 58369 | 20.0 | 13.1 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.575 | 2.575 | 0.000 | 86 | 65722 | 20.0 | 20.8 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.628 | 2.622 | 0.006 | 96 | 122865 | 20.0 | 19.9 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.704 | 2.704 | 0.000 | 96 | 68672 | 20.0 | 18.1 | |
| 19 Acrolein | 56 | 2.710 | 2.716 | -0.006 | 92 | 21782 | 40.0 | 38.8 | |
| 21 1,1-Dichloroethene | 96 | 2.746 | 2.751 | -0.005 | 96 | 71122 | 20.0 | 17.1 | |
| 22 Acetone | 58 | 2.828 | 2.822 | 0.006 | 90 | 32276 | 100.0 | 119.8 | |
| 24 Isopropyl alcohol | 45 | 2.887 | 2.887 | 0.000 | 99 | 37786 | 200.0 | 178.9 | |
| 23 Iodomethane | 142 | 2.899 | 2.904 | -0.005 | 97 | 71153 | 20.0 | 15.2 | |
| 25 Carbon disulfide | 76 | 2.940 | 2.940 | 0.000 | 98 | 201599 | 20.0 | 12.1 | |
| 161 3-Chloro-1-propene | 76 | 3.046 | 3.046 | 0.000 | 94 | 50603 | 20.0 | 17.1 | |
| 27 Methyl acetate | 43 | 3.052 | 3.051 | 0.001 | 89 | 90904 | 40.0 | 30.3 | |
| 166 Cyclopentene | 67 | 3.075 | 3.069 | 0.006 | 91 | 142964 | 20.0 | 14.2 | |
| 29 Acetonitrile | 41 | 3.110 | 3.110 | 0.000 | 99 | 87974 | 200.0 | 140.6 | |
| * 30 TBA-d9 (IS) | 65 | 3.134 | 3.134 | 0.000 | 0 | 275148 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.169 | 3.169 | 0.000 | 86 | 92957 | 20.0 | 18.4 | |
| 32 2-Methyl-2-propanol | 59 | 3.204 | 3.198 | 0.006 | 98 | 66212 | 200.0 | 230.0 | |
| 33 Methyl tert-butyl ether | 73 | 3.310 | 3.316 | -0.006 | 96 | 215300 | 20.0 | 20.0 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.351 | 3.351 | 0.000 | 92 | 80662 | 20.0 | 18.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Acrylonitrile | 53 | 3.416 | 3.422 | -0.006 | 96 | 263933 | 200.0 | 186.9 | |
| 36 Hexane | 43 | 3.499 | 3.498 | 0.001 | 89 | 41918 | 20.0 | 9.49 | |
| 37 Isopropyl ether | 45 | 3.693 | 3.693 | 0.000 | 98 | 232355 | 20.0 | 15.3 | |
| 39 Vinyl acetate | 86 | 3.746 | 3.745 | 0.001 | 99 | 33203 | 40.0 | 40.2 | |
| 38 1,1-Dichloroethane | 63 | 3.746 | 3.745 | 0.001 | 68 | 148500 | 20.0 | 17.2 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.787 | 3.793 | -0.006 | 88 | 75719 | 20.0 | 18.8 | |
| 41 Tert-butyl ethyl ether | 59 | 4.010 | 4.010 | 0.000 | 89 | 233225 | 20.0 | 17.9 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 313633 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.240 | 4.245 | -0.005 | 95 | 28887 | 20.0 | 20.2 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.269 | 4.269 | 0.000 | 98 | 93517 | 20.0 | 19.1 | |
| 46 Ethyl acetate | 70 | 4.269 | 4.269 | 0.000 | 93 | 15983 | 40.0 | 49.5 | |
| 45 2-Butanone (MEK) | 72 | 4.275 | 4.281 | -0.006 | 97 | 42551 | 100.0 | 138.9 | |
| 47 Methyl acrylate | 55 | 4.334 | 4.334 | 0.000 | 99 | 62602 | 20.0 | 19.4 | |
| 48 Propionitrile | 54 | 4.422 | 4.422 | 0.000 | 99 | 98180 | 200.0 | 177.8 | |
| 50 Chlorobromomethane | 128 | 4.504 | 4.504 | 0.000 | 84 | 44990 | 20.0 | 22.7 | |
| 49 Tetrahydrofuran | 42 | 4.504 | 4.516 | -0.012 | 86 | 46583 | 40.0 | 41.1 | |
| 51 Methacrylonitrile | 67 | 4.528 | 4.528 | 0.000 | 87 | 326251 | 200.0 | 212.7 | |
| 52 Chloroform | 83 | 4.551 | 4.545 | 0.006 | 99 | 147183 | 20.0 | 19.5 | |
| 53 Cyclohexane | 56 | 4.693 | 4.698 | -0.005 | 87 | 104125 | 20.0 | 12.9 | |
| 54 1,1,1-Trichloroethane | 97 | 4.710 | 4.704 | 0.006 | 78 | 112210 | 20.0 | 19.1 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.716 | 4.716 | 0.000 | 96 | 183786 | 50.0 | 44.9 | |
| 56 Carbon tetrachloride | 117 | 4.840 | 4.840 | 0.000 | 95 | 91577 | 20.0 | 18.7 | |
| 57 1,1-Dichloropropene | 75 | 4.869 | 4.869 | 0.000 | 98 | 100619 | 20.0 | 16.5 | |
| 58 Isobutyl alcohol | 43 | 4.963 | 4.963 | 0.000 | 97 | 59570 | 500.0 | 443.5 | |
| 59 Isooctane | 57 | 5.034 | 5.034 | 0.000 | 98 | 167423 | 20.0 | 12.3 | |
| 60 Benzene | 78 | 5.081 | 5.081 | 0.000 | 95 | 341159 | 20.0 | 18.7 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.093 | 5.098 | -0.005 | 0 | 185986 | 50.0 | 40.0 | |
| 62 Isopropyl acetate | 61 | 5.116 | 5.116 | 0.000 | 98 | 32557 | 20.0 | 19.6 | |
| 63 Tert-amyl methyl ether | 87 | 5.128 | 5.128 | 0.000 | 97 | 67808 | 20.0 | 21.9 | |
| 64 1,2-Dichloroethane | 62 | 5.175 | 5.175 | 0.000 | 97 | 90323 | 20.0 | 17.4 | |
| 65 n-Heptane | 71 | 5.228 | 5.222 | 0.006 | 86 | 41990 | 20.0 | 12.7 | |
| * 66 Fluorobenzene | 96 | 5.387 | 5.387 | 0.000 | 99 | 804482 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.693 | 5.687 | 0.007 | 80 | 43318 | 500.0 | 541.2 | |
| 68 Trichloroethene | 95 | 5.769 | 5.769 | 0.000 | 98 | 82781 | 20.0 | 18.7 | |
| 69 Ethyl acrylate | 99 | 5.887 | 5.892 | -0.005 | 98 | 10935 | 20.0 | 19.5 | |
| 70 Methylcyclohexane | 83 | 5.904 | 5.910 | -0.006 | 86 | 109687 | 20.0 | 16.1 | |
| 71 1,2-Dichloropropane | 63 | 6.087 | 6.092 | -0.005 | 95 | 86271 | 20.0 | 16.9 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.157 | 6.157 | 0.000 | 0 | 39564 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.157 | 6.163 | -0.006 | 81 | 106633 | 40.0 | 43.8 | |
| 74 n-Propyl acetate | 43 | 6.216 | 6.216 | 0.000 | 97 | 85987 | 20.0 | 17.0 | |
| 75 1,4-Dioxane | 88 | 6.222 | 6.222 | 0.000 | 30 | 17344 | 400.0 | 402.1 | |
| 76 Dibromomethane | 93 | 6.234 | 6.234 | 0.000 | 97 | 50228 | 20.0 | 20.5 | |
| 77 Dichlorobromomethane | 83 | 6.392 | 6.392 | 0.000 | 98 | 110319 | 20.0 | 20.0 | |
| 79 2-Nitropropane | 41 | 6.781 | 6.781 | 0.000 | 94 | 27672 | 40.0 | 32.6 | |
| 80 Epichlorohydrin | 57 | 6.898 | 6.898 | 0.000 | 98 | 109840 | 400.0 | 542.7 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.963 | 6.957 | 0.006 | 88 | 143352 | 20.0 | 20.3 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.145 | 7.145 | 0.000 | 94 | 271524 | 100.0 | 115.3 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.239 | 7.245 | -0.006 | 99 | 761124 | 50.0 | 46.5 | |
| 84 Toluene | 91 | 7.328 | 7.333 | -0.005 | 93 | 355746 | 20.0 | 19.2 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.734 | 7.733 | 0.001 | 98 | 119096 | 20.0 | 20.3 | |
| 85 Ethyl methacrylate | 69 | 7.763 | 7.763 | 0.000 | 85 | 97129 | 20.0 | 20.7 | |
| 87 1,1,2-Trichloroethane | 83 | 7.992 | 8.004 | -0.012 | 96 | 67792 | 20.0 | 21.3 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Tetrachloroethene | 166 | 8.057 | 8.057 | 0.000 | 96 | 77914 | 20.0 | 20.6 | |
| 89 1,3-Dichloropropane | 76 | 8.269 | 8.275 | -0.006 | 88 | 126755 | 20.0 | 20.5 | |
| 90 2-Hexanone | 58 | 8.357 | 8.357 | 0.000 | 92 | 113686 | 100.0 | 128.5 | |
| 91 n-Butyl acetate | 73 | 8.510 | 8.516 | -0.006 | 96 | 19962 | 20.0 | 24.6 | |
| 92 Chlorodibromomethane | 129 | 8.581 | 8.580 | 0.001 | 97 | 80894 | 20.0 | 23.1 | |
| 93 Ethylene Dibromide | 107 | 8.781 | 8.780 | 0.001 | 97 | 73389 | 20.0 | 23.0 | |
| * 94 Chlorobenzene-d5 | 117 | 9.328 | 9.327 | 0.001 | 86 | 577393 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.357 | 9.357 | 0.000 | 95 | 230657 | 20.0 | 21.6 | |
| 96 Ethylbenzene | 106 | 9.445 | 9.445 | 0.000 | 98 | 122645 | 20.0 | 21.9 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.457 | 9.457 | 0.000 | 95 | 79087 | 20.0 | 22.9 | |
| 98 m-Xylene & p-Xylene | 106 | 9.575 | 9.574 | 0.001 | 0 | 148211 | 20.0 | 21.3 | |
| 99 n-Butyl acrylate | 73 | 9.939 | 9.939 | 0.000 | 97 | 55327 | 20.0 | 22.9 | |
| 100 o-Xylene | 106 | 9.957 | 9.957 | 0.000 | 94 | 149129 | 20.0 | 22.4 | |
| 101 Styrene | 104 | 9.980 | 9.980 | 0.000 | 96 | 246953 | 20.0 | 22.2 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.139 | 10.139 | 0.000 | 91 | 105248 | 20.0 | 18.6 | |
| 103 Bromoform | 173 | 10.163 | 10.163 | 0.000 | 95 | 51422 | 20.0 | 25.2 | |
| 104 Isopropylbenzene | 105 | 10.257 | 10.257 | 0.000 | 95 | 336483 | 20.0 | 21.7 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.422 | 10.422 | 0.000 | 89 | 227117 | 50.0 | 53.8 | |
| 107 Bromobenzene | 156 | 10.528 | 10.527 | 0.001 | 98 | 90923 | 20.0 | 20.7 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.563 | 10.557 | 0.006 | 99 | 94956 | 20.0 | 21.6 | |
| 108 N-Propylbenzene | 91 | 10.580 | 10.580 | 0.000 | 99 | 450942 | 20.0 | 19.2 | |
| 110 1,2,3-Trichloropropane | 110 | 10.598 | 10.598 | 0.000 | 97 | 25455 | 20.0 | 23.1 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.610 | 10.610 | 0.000 | 92 | 22075 | 20.0 | 18.4 | |
| 112 2-Chlorotoluene | 91 | 10.663 | 10.663 | 0.000 | 91 | 302157 | 20.0 | 19.4 | |
| 169 4-Ethyltoluene | 105 | 10.663 | 10.663 | 0.000 | 90 | 382563 | 20.0 | 21.6 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.710 | 10.710 | 0.000 | 93 | 303655 | 20.0 | 20.5 | |
| 115 4-Chlorotoluene | 91 | 10.745 | 10.751 | -0.006 | 98 | 280151 | 20.0 | 19.8 | |
| 114 Butyl Methacrylate | 87 | 10.780 | 10.780 | 0.000 | 86 | 109284 | 20.0 | 23.7 | |
| 116 tert-Butylbenzene | 119 | 10.927 | 10.933 | -0.006 | 95 | 256384 | 20.0 | 20.8 | |
| 117 1,2,4-Trimethylbenzene | 105 | 10.975 | 10.974 | 0.001 | 97 | 314391 | 20.0 | 21.2 | |
| 118 sec-Butylbenzene | 134 | 11.075 | 11.074 | 0.001 | 100 | 75107 | 20.0 | 21.0 | |
| 119 4-Isopropyltoluene | 119 | 11.169 | 11.169 | 0.001 | 98 | 325830 | 20.0 | 20.8 | |
| 120 1,3-Dichlorobenzene | 146 | 11.180 | 11.180 | 0.000 | 96 | 181747 | 20.0 | 22.1 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.227 | 11.227 | 0.000 | 95 | 299011 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.245 | 11.245 | 0.000 | 95 | 183260 | 20.0 | 21.6 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.257 | 11.257 | 0.000 | 98 | 325687 | 20.0 | 21.0 | |
| 124 Benzyl chloride | 91 | 11.345 | 11.345 | 0.000 | 99 | 174974 | 20.0 | 25.0 | |
| 162 2,3-Dihydroindene | 117 | 11.392 | 11.392 | 0.000 | 94 | 343232 | 20.0 | 22.8 | |
| 164 p-Diethylbenzene | 119 | 11.422 | 11.421 | 0.001 | 93 | 207363 | 20.0 | 21.2 | |
| 127 n-Butylbenzene | 92 | 11.439 | 11.439 | 0.000 | 99 | 177937 | 20.0 | 20.1 | |
| 128 1,2-Dichlorobenzene | 146 | 11.498 | 11.504 | -0.006 | 97 | 168650 | 20.0 | 22.1 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 11.969 | 11.974 | -0.005 | 98 | 300809 | 20.0 | 22.3 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.074 | 12.074 | 0.000 | 95 | 17070 | 20.0 | 25.5 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.180 | 12.180 | 0.000 | 96 | 118040 | 20.0 | 20.6 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.710 | 12.715 | -0.005 | 92 | 109690 | 20.0 | 22.3 | |
| 133 Hexachlorobutadiene | 225 | 12.798 | 12.804 | -0.006 | 92 | 39721 | 20.0 | 18.6 | |
| 134 Naphthalene | 128 | 12.957 | 12.957 | 0.000 | 99 | 263962 | 20.0 | 25.6 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.186 | 13.186 | 0.000 | 93 | 96945 | 20.0 | 22.3 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 37.3 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 43.7 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00625 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 02:40:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22177.D

Injection Date: 10-Feb-2025 21:22:30 Instrument ID: CVOAMS1 Operator ID:

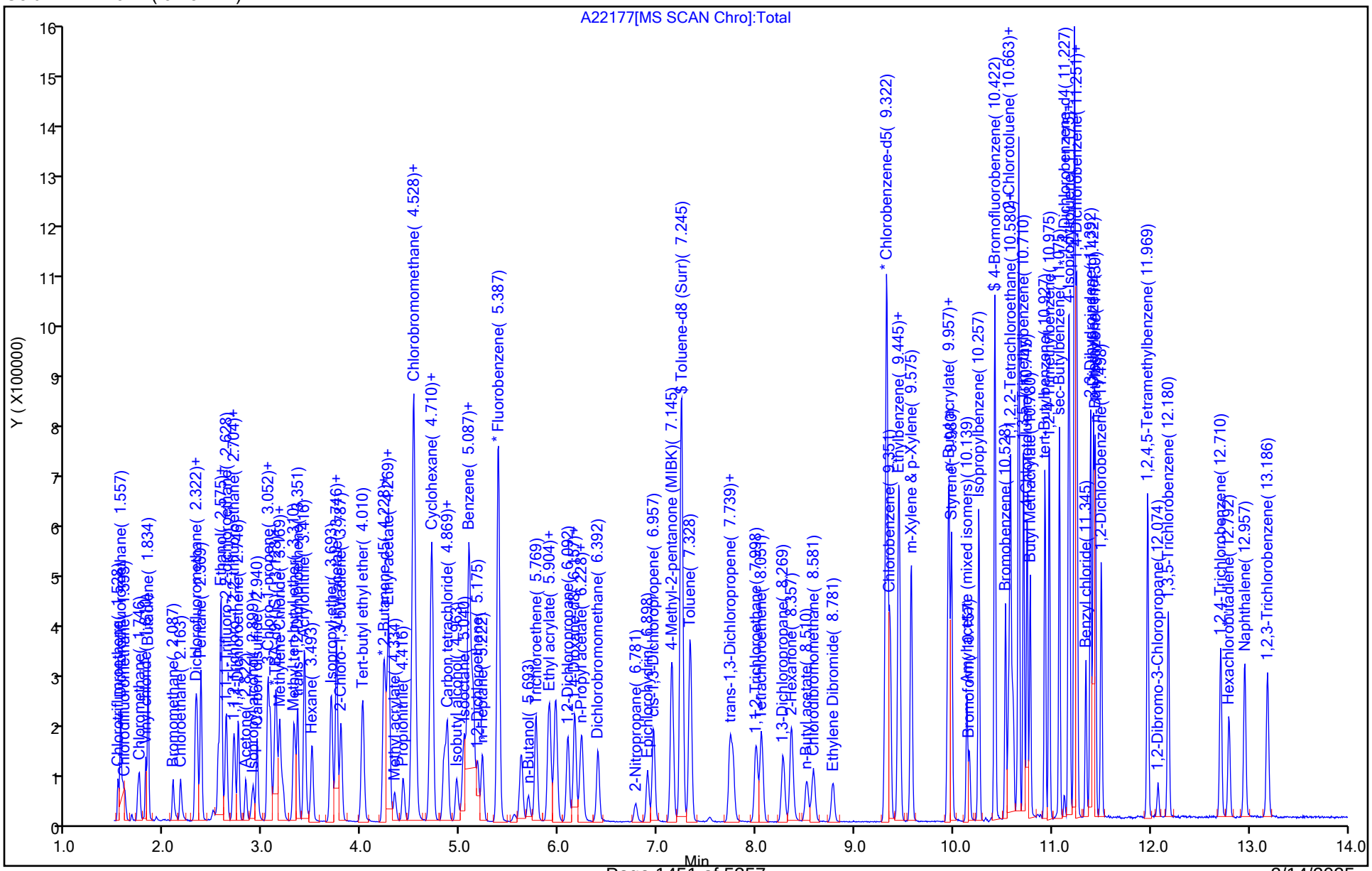
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260624W_1 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22177.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 21:22:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 02:40:35 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1695

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:40:43

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 55 Dibromofluoromethane (Surr) | 50.0 | 44.9 | 89.81 |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 50.0 | 40.0 | 79.92 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 46.5 | 93.09 |
| $ 105 4-Bromofluorobenzene | 50.0 | 53.8 | 107.51 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020626/3

Matrix: Solid | Lab File ID: D24940.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 05:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0195 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0193 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0212 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0197 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0192 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0202 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0177 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0169 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0188 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0184 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0181 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0188 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0185 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0182 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0907 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0911 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0927 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0856 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0192 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0181 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0401 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0189 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0192 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0188 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0197 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0186 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0206 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0195 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0194 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0196 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0179 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0204 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020626/3

Matrix: Solid | Lab File ID: D24940.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 05:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0189 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0214 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0190 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0187 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0186 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0393 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0194 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0203 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0184 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0183 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0189 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0184 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0189 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0191 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0194 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0171 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0196 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0216 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0208 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 100 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 103 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24940.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Feb-2025 05:00:30 ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:22:30 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:34:57

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.328 | 1.327 | 0.001 | 91 | 21058 | 20.0 | 13.2 | |
| 2 Dichlorodifluoromethane | 85 | 1.356 | 1.356 | 0.000 | 99 | 156002 | 20.0 | 21.4 | |
| 3 Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 97 | 172262 | 20.0 | 17.8 | |
| 4 Chloromethane | 50 | 1.571 | 1.571 | 0.000 | 99 | 133230 | 20.0 | 19.4 | |
| 5 Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 114787 | 20.0 | 20.8 | |
| 6 Butadiene | 54 | 1.671 | 1.671 | 0.000 | 97 | 114681 | 20.0 | 20.9 | |
| 7 Bromomethane | 94 | 1.958 | 1.958 | 0.000 | 99 | 52639 | 20.0 | 40.1 | |
| 8 Chloroethane | 64 | 2.058 | 2.058 | 0.000 | 100 | 71322 | 20.0 | 20.6 | |
| 9 Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 98 | 130431 | 20.0 | 21.6 | |
| 10 Dichlorofluoromethane | 67 | 2.273 | 2.273 | 0.000 | 99 | 186695 | 20.0 | 20.6 | |
| 11 Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 37597 | 40.0 | 41.3 | |
| 12 Ethanol | 46 | 2.524 | 2.531 | -0.007 | 96 | 16033 | 800.0 | 656.0 | |
| 13 Ethyl ether | 59 | 2.560 | 2.559 | 0.001 | 95 | 69665 | 20.0 | 19.0 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 96 | 89668 | 20.0 | 21.1 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.624 | 2.624 | 0.000 | 89 | 65949 | 20.0 | 19.8 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 95 | 128575 | 20.0 | 19.9 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 92 | 87844 | 20.0 | 21.2 | |
| 18 Acrolein | 56 | 2.753 | 2.753 | 0.000 | 96 | 166707 | 300.0 | 330.2 | |
| 19 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 84647 | 20.0 | 20.2 | |
| 20 Acetone | 43 | 2.896 | 2.896 | 0.000 | 88 | 85610 | 100.0 | 85.6 | |
| 21 Iodomethane | 142 | 2.946 | 2.946 | 0.000 | 98 | 97462 | 20.0 | 20.8 | |
| 22 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 304008 | 20.0 | 18.9 | |
| 23 Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 98 | 48949 | 200.0 | 173.4 | |
| 24 3-Chloro-1-propene | 76 | 3.161 | 3.161 | 0.000 | 90 | 54304 | 20.0 | 19.6 | |
| 25 Cyclopentene | 67 | 3.176 | 3.176 | 0.000 | 95 | 202754 | 20.0 | 18.6 | |
| 26 Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 97489 | 40.0 | 39.3 | |
| 27 Acetonitrile | 40 | 3.240 | 3.240 | 0.000 | 99 | 42574 | 200.0 | 183.1 | |
| 28 Methylene Chloride | 84 | 3.312 | 3.312 | 0.000 | 92 | 93168 | 20.0 | 18.4 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 369882 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 81497 | 200.0 | 178.1 | |
| 31 Methyl tert-butyl ether | 73 | 3.505 | 3.505 | 0.000 | 97 | 221209 | 20.0 | 19.4 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 89712 | 20.0 | 19.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 3.627 | 3.627 | 0.000 | 94 | 240164 | 200.0 | 187.8 | |
| 34 Hexane | 57 | 3.727 | 3.727 | 0.000 | 92 | 153453 | 20.0 | 19.9 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 98 | 264628 | 20.0 | 18.9 | |
| 36 1,1-Dichloroethane | 63 | 4.007 | 4.006 | 0.000 | 100 | 162754 | 20.0 | 19.2 | |
| 37 Vinyl acetate | 86 | 4.049 | 4.049 | 0.000 | 100 | 28124 | 40.0 | 34.8 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 83489 | 20.0 | 20.3 | |
| 39 Tert-butyl ethyl ether | 59 | 4.372 | 4.372 | 0.000 | 88 | 256313 | 20.0 | 19.2 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 96 | 37113 | 20.0 | 16.9 | a |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.601 | 0.000 | 93 | 349227 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.637 | 4.637 | 0.000 | 98 | 95310 | 20.0 | 19.6 | |
| 43 2-Butanone (MEK) | 72 | 4.673 | 4.673 | 0.000 | 99 | 39875 | 100.0 | 90.7 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 98 | 15994 | 40.0 | 38.0 | |
| 45 Methyl acrylate | 55 | 4.744 | 4.744 | 0.000 | 100 | 61942 | 20.0 | 19.9 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 99 | 92650 | 200.0 | 184.8 | |
| 47 Tetrahydrofuran | 72 | 4.902 | 4.902 | 0.000 | 91 | 18562 | 40.0 | 37.7 | |
| 48 Chlorobromomethane | 128 | 4.909 | 4.909 | 0.000 | 91 | 37914 | 20.0 | 19.7 | |
| 49 Methacrylonitrile | 67 | 4.952 | 4.952 | 0.000 | 91 | 290620 | 200.0 | 199.4 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 147913 | 20.0 | 19.5 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 91 | 136477 | 20.0 | 20.4 | |
| 52 1,1,1-Trichloroethane | 97 | 5.138 | 5.138 | 0.000 | 99 | 122024 | 20.0 | 19.5 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.174 | 0.000 | 95 | 181568 | 50.0 | 51.7 | |
| 54 Carbon tetrachloride | 117 | 5.282 | 5.281 | 0.001 | 98 | 101124 | 20.0 | 19.2 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 125530 | 20.0 | 18.8 | |
| 56 Isobutyl alcohol | 43 | 5.532 | 5.532 | 0.000 | 91 | 144261 | 500.0 | 442.8 | |
| 137 Isooctane | 57 | 5.547 | 5.546 | 0.001 | 95 | 380082 | 20.0 | 20.3 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 97 | 350448 | 20.0 | 19.2 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 98 | 183223 | 50.0 | 50.0 | |
| 59 Tert-amyl methyl ether | 87 | 5.675 | 5.668 | 0.007 | 92 | 68096 | 20.0 | 19.1 | |
| 60 Isopropyl acetate | 61 | 5.683 | 5.683 | 0.000 | 99 | 39892 | 20.0 | 19.1 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 97 | 95559 | 20.0 | 18.1 | |
| 62 n-Heptane | 43 | 5.783 | 5.783 | 0.000 | 91 | 150011 | 20.0 | 18.8 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.926 | 0.000 | 98 | 733537 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.356 | 6.356 | 0.000 | 88 | 55579 | 500.0 | 440.3 | |
| 65 Trichloroethene | 95 | 6.363 | 6.363 | 0.000 | 97 | 90087 | 20.0 | 19.6 | |
| 66 Methylcyclohexane | 83 | 6.499 | 6.499 | 0.000 | 97 | 168044 | 20.0 | 20.3 | |
| 67 Ethyl acrylate | 55 | 6.549 | 6.549 | 0.000 | 98 | 101620 | 20.0 | 18.9 | |
| 68 1,2-Dichloropropane | 63 | 6.714 | 6.714 | 0.000 | 93 | 89213 | 20.0 | 18.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.793 | 0.000 | 0 | 33159 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.843 | 6.843 | 0.000 | 90 | 38600 | 40.0 | 40.0 | |
| 71 1,4-Dioxane | 88 | 6.857 | 6.857 | 0.000 | 83 | 16257 | 400.0 | 334.3 | |
| 72 Dibromomethane | 93 | 6.865 | 6.864 | 0.001 | 93 | 47027 | 20.0 | 18.7 | |
| 73 n-Propyl acetate | 43 | 6.915 | 6.915 | 0.000 | 98 | 95991 | 20.0 | 18.1 | |
| 74 Dichlorobromomethane | 83 | 7.044 | 7.044 | 0.000 | 99 | 104539 | 20.0 | 18.9 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 97 | 32733 | 40.0 | 31.1 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 95 | 48286 | 20.0 | 19.2 | |
| 77 Epichlorohydrin | 57 | 7.502 | 7.502 | 0.000 | 98 | 126157 | 400.0 | 372.4 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.552 | 7.552 | 0.000 | 91 | 134033 | 20.0 | 17.9 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.717 | 7.717 | 0.000 | 96 | 319268 | 100.0 | 92.7 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.774 | 0.000 | 99 | 748227 | 50.0 | 50.7 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 359501 | 20.0 | 19.1 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 96 | 111325 | 20.0 | 17.1 | |
| 83 Ethyl methacrylate | 69 | 8.183 | 8.182 | 0.001 | 89 | 97762 | 20.0 | 18.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.319 | 8.319 | 0.000 | 97 | 60191 | 20.0 | 19.7 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 94 | 73970 | 20.0 | 18.9 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 93 | 114923 | 20.0 | 18.8 | |
| 87 2-Hexanone | 43 | 8.534 | 8.533 | 0.001 | 96 | 224042 | 100.0 | 91.1 | |
| 88 n-Butyl acetate | 73 | 8.627 | 8.627 | 0.000 | 99 | 19658 | 20.0 | 18.6 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 70720 | 20.0 | 18.6 | |
| 90 Ethylene Dibromide | 107 | 8.763 | 8.763 | 0.000 | 98 | 65473 | 20.0 | 18.7 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.142 | 0.000 | 89 | 498998 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 210852 | 20.0 | 18.8 | |
| 93 Ethylbenzene | 106 | 9.236 | 9.235 | 0.001 | 99 | 119413 | 20.0 | 19.0 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 97 | 68802 | 20.0 | 19.1 | |
| 95 m-Xylene & p-Xylene | 106 | 9.336 | 9.336 | 0.000 | 0 | 146056 | 20.0 | 18.3 | |
| 96 n-Butyl acrylate | 73 | 9.644 | 9.644 | 0.000 | 98 | 58445 | 20.0 | 18.1 | |
| 97 o-Xylene | 106 | 9.665 | 9.665 | 0.000 | 94 | 138662 | 20.0 | 18.9 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 94 | 230539 | 20.0 | 18.4 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 118092 | 20.0 | 18.1 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 94 | 39007 | 20.0 | 18.1 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 334030 | 20.0 | 18.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.109 | 0.000 | 0 | 204033 | 50.0 | 54.8 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 95 | 77077 | 20.0 | 19.4 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.246 | 10.245 | 0.001 | 98 | 87950 | 20.0 | 19.3 | |
| 105 N-Propylbenzene | 91 | 10.267 | 10.267 | 0.000 | 98 | 452893 | 20.0 | 19.2 | |
| 106 1,2,3-Trichloropropane | 110 | 10.288 | 10.288 | 0.000 | 95 | 22046 | 20.0 | 18.9 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.296 | 10.296 | 0.000 | 83 | 24144 | 20.0 | 16.3 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 89 | 352957 | 20.0 | 18.7 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 91 | 298308 | 20.0 | 18.9 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.410 | 10.403 | 0.007 | 92 | 303019 | 20.0 | 19.0 | |
| 111 4-Chlorotoluene | 91 | 10.446 | 10.446 | 0.000 | 99 | 273997 | 20.0 | 18.4 | |
| 112 Butyl Methacrylate | 87 | 10.468 | 10.467 | 0.001 | 91 | 101908 | 20.0 | 18.0 | |
| 113 tert-Butylbenzene | 119 | 10.647 | 10.639 | 0.008 | 93 | 252224 | 20.0 | 19.4 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 293432 | 20.0 | 18.4 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 399690 | 20.0 | 19.4 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 97 | 314598 | 20.0 | 18.8 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 95 | 148061 | 20.0 | 18.5 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 244857 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.998 | 10.990 | 0.008 | 93 | 149053 | 20.0 | 18.2 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 313699 | 20.0 | 18.9 | |
| 121 Benzyl chloride | 126 | 11.098 | 11.098 | 0.000 | 98 | 19054 | 20.0 | 11.1 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 94 | 315965 | 20.0 | 18.9 | |
| 123 p-Diethylbenzene | 119 | 11.184 | 11.184 | 0.000 | 92 | 203115 | 20.0 | 17.7 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 97 | 181421 | 20.0 | 17.6 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 94 | 139965 | 20.0 | 18.4 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.786 | 11.785 | 0.001 | 97 | 268337 | 20.0 | 17.7 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 96 | 14936 | 20.0 | 18.8 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.008 | 12.008 | 0.000 | 96 | 87004 | 20.0 | 16.2 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 94 | 76928 | 20.0 | 16.9 | |
| 130 Hexachlorobutadiene | 225 | 12.710 | 12.710 | 0.000 | 93 | 42060 | 20.0 | 18.4 | |
| 131 Naphthalene | 128 | 12.882 | 12.881 | 0.001 | 99 | 220833 | 20.0 | 18.7 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.147 | 13.146 | 0.001 | 94 | 70420 | 20.0 | 17.7 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.1 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 35.0 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 37.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 94.5 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 12:22:30 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24940.D

Injection Date: 11-Feb-2025 05:00:30 Instrument ID: CVOAMS4 Operator ID:

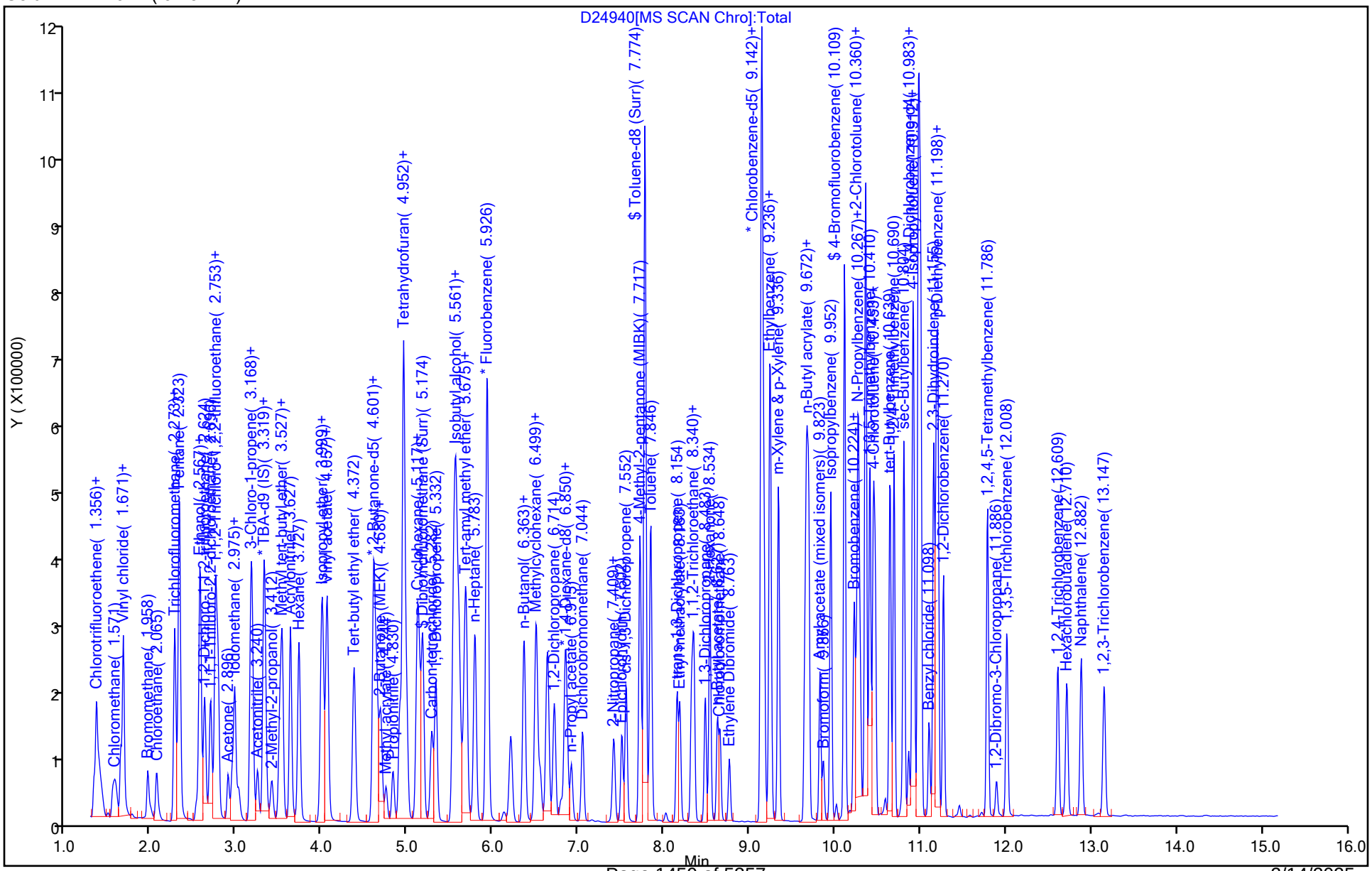
Lims ID: LCS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 33

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24940.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 11-Feb-2025 05:00:30 ALS Bottle#: 33 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:22:30 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:34:57

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.7 | 103.36 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 50.0 | 100.01 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.7 | 101.43 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.8 | 109.52 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020506/4

Matrix: Solid | Lab File ID: B20340.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0203 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0174 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0208 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0170 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0204 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0198 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0206 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0206 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0160 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0191 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0183 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0191 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0208 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0199 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0923 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0956 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0952 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0995 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0185 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0179 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0141 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0218 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0213 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0198 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0183 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0184 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0142 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0198 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0163 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0200 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0173 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0204 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020506/4

Matrix: Solid | Lab File ID: B20340.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020506 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS2

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0187 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0155 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0200 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0182 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0189 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0356 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0167 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0208 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0193 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0193 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0188 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0176 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0222 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0188 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0205 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0161 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0211 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0135 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0154 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 87 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 111 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 92 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 92 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 17:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0186728-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:12:53

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Dichlorodifluoromethane | 85 | 0.959 | 0.959 | 0.000 | 70 | 123184 | 20.0 | 15.5 | |
| 2 Chlorodifluoromethane | 67 | 0.959 | 0.965 | -0.006 | 95 | 14522 | 20.0 | 11.2 | |
| 3 Chloromethane | 50 | 1.075 | 1.075 | 0.000 | 99 | 147070 | 20.0 | 16.3 | M |
| 5 Butadiene | 54 | 1.124 | 1.118 | 0.006 | 95 | 102667 | 20.0 | 14.6 | a |
| 4 Vinyl chloride | 62 | 1.136 | 1.130 | 0.006 | 98 | 103616 | 20.0 | 15.4 | |
| 6 Bromomethane | 94 | 1.343 | 1.337 | 0.006 | 98 | 61537 | 20.0 | 14.1 | |
| 7 Chloroethane | 64 | 1.361 | 1.361 | 0.000 | 99 | 59378 | 20.0 | 14.2 | |
| 9 Dichlorofluoromethane | 67 | 1.520 | 1.508 | 0.012 | 98 | 163240 | 20.0 | 13.2 | |
| 8 Pentane | 43 | 1.532 | 1.526 | 0.006 | 97 | 279220 | 40.0 | 29.3 | M |
| 10 Trichlorofluoromethane | 101 | 1.538 | 1.538 | 0.000 | 96 | 114463 | 20.0 | 13.5 | a |
| 11 Ethyl ether | 59 | 1.672 | 1.666 | 0.006 | 93 | 60371 | 20.0 | 12.8 | |
| 12 Ethanol | 46 | 1.666 | 1.678 | -0.012 | 77 | 10388 | 800.0 | 805.6 | M |
| 13 2-Methyl-1,3-butadiene | 53 | 1.678 | 1.678 | 0.000 | 98 | 77757 | 20.0 | 13.5 | M |
| 14 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 1.721 | 1.721 | 0.000 | 96 | 55760 | 20.0 | 14.6 | |
| 16 Acrolein | 56 | 1.758 | 1.752 | 0.006 | 97 | 209595 | 300.0 | 322.5 | |
| 15 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 1.758 | 1.758 | 0.000 | 90 | 104350 | 20.0 | 14.9 | a |
| 17 1,1-Dichloroethene | 96 | 1.813 | 1.819 | -0.006 | 92 | 73179 | 20.0 | 19.8 | |
| 19 Acetone | 43 | 1.867 | 1.855 | 0.012 | 85 | 123705 | 100.0 | 99.5 | |
| 18 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 1.867 | 1.861 | 0.006 | 80 | 78856 | 20.0 | 20.8 | |
| 20 Iodomethane | 142 | 1.916 | 1.916 | 0.000 | 99 | 122214 | 20.0 | 22.0 | |
| 21 Carbon disulfide | 76 | 1.953 | 1.953 | 0.000 | 100 | 335988 | 20.0 | 21.8 | a |
| 22 Isopropyl alcohol | 45 | 1.983 | 1.977 | 0.006 | 42 | 56460 | 200.0 | 215.0 | |
| 24 3-Chloro-1-propene | 39 | 2.056 | 2.056 | 0.000 | 92 | 114785 | 20.0 | 20.8 | |
| 23 Acetonitrile | 40 | 2.056 | 2.056 | 0.000 | 78 | 54506 | 200.0 | 342.1 | |
| 25 Methyl acetate | 43 | 2.087 | 2.081 | 0.006 | 99 | 122206 | 40.0 | 35.6 | |
| 27 Methylene Chloride | 84 | 2.142 | 2.148 | -0.006 | 97 | 95033 | 20.0 | 19.3 | |
| * 28 TBA-d9 (IS) | 65 | 2.233 | 2.227 | 0.006 | 0 | 459427 | 1000.0 | 1000.0 | |
| 26 2-Methyl-2-propanol | 59 | 2.288 | 2.276 | 0.012 | 91 | 98767 | 200.0 | 209.7 | a |
| 29 Acrylonitrile | 53 | 2.325 | 2.325 | 0.000 | 94 | 309056 | 200.0 | 235.3 | |
| 30 trans-1,2-Dichloroethene | 96 | 2.337 | 2.337 | 0.000 | 98 | 84804 | 20.0 | 20.5 | |
| 31 Methyl tert-butyl ether | 73 | 2.361 | 2.361 | 0.000 | 98 | 234472 | 20.0 | 16.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Hexane | 57 | 2.556 | 2.556 | 0.000 | 93 | 130310 | 20.0 | 21.9 | |
| 33 1,1-Dichloroethane | 63 | 2.660 | 2.654 | 0.006 | 99 | 164269 | 20.0 | 20.4 | |
| 34 Vinyl acetate | 86 | 2.721 | 2.715 | 0.006 | 100 | 26560 | 40.0 | 38.8 | |
| 35 2-Chloro-1,3-butadiene | 88 | 2.733 | 2.727 | 0.006 | 94 | 75059 | 20.0 | 19.9 | |
| 36 Isopropyl ether | 45 | 2.751 | 2.751 | 0.000 | 89 | 292877 | 20.0 | 19.5 | |
| 37 Tert-butyl ethyl ether | 87 | 3.044 | 3.050 | -0.006 | 89 | 95057 | 20.0 | 17.3 | |
| * 38 2-Butanone-d5 | 46 | 3.117 | 3.117 | 0.000 | 0 | 495255 | 250.0 | 250.0 | a |
| 39 cis-1,2-Dichloroethene | 96 | 3.142 | 3.135 | 0.007 | 92 | 90895 | 20.0 | 20.0 | |
| 40 2,2-Dichloropropane | 79 | 3.154 | 3.142 | 0.012 | 73 | 37885 | 20.0 | 17.3 | a |
| 41 2-Butanone (MEK) | 72 | 3.178 | 3.166 | 0.012 | 99 | 43713 | 100.0 | 92.3 | |
| 42 Propionitrile | 54 | 3.215 | 3.215 | 0.000 | 95 | 119713 | 200.0 | 194.1 | |
| 43 Ethyl acetate | 43 | 3.239 | 3.239 | 0.000 | 99 | 196033 | 40.0 | 40.3 | |
| 44 Methyl acrylate | 55 | 3.257 | 3.251 | 0.006 | 99 | 87432 | 20.0 | 16.2 | a |
| 45 Chlorobromomethane | 128 | 3.343 | 3.343 | 0.000 | 96 | 39569 | 20.0 | 18.3 | |
| 46 Methacrylonitrile | 67 | 3.343 | 3.343 | 0.000 | 94 | 311912 | 200.0 | 155.0 | |
| 47 Tetrahydrofuran | 42 | 3.404 | 3.404 | 0.000 | 87 | 64288 | 40.0 | 36.6 | |
| 48 Chloroform | 83 | 3.428 | 3.428 | 0.000 | 98 | 149881 | 20.0 | 19.8 | |
| $ 49 Dibromofluoromethane (Surr) | 113 | 3.574 | 3.568 | 0.006 | 95 | 193855 | 50.0 | 46.0 | |
| 50 1,1,1-Trichloroethane | 97 | 3.587 | 3.587 | 0.000 | 98 | 122370 | 20.0 | 20.3 | |
| 51 Cyclohexane | 84 | 3.641 | 3.641 | 0.000 | 95 | 126337 | 20.0 | 20.4 | |
| 52 1,1-Dichloropropene | 75 | 3.739 | 3.739 | 0.000 | 95 | 114825 | 20.0 | 20.8 | |
| 53 Carbon tetrachloride | 117 | 3.739 | 3.739 | 0.000 | 95 | 100619 | 20.0 | 21.3 | |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 65 | 3.879 | 3.873 | 0.006 | 0 | 225395 | 50.0 | 43.7 | |
| 55 Benzene | 78 | 3.934 | 3.934 | 0.000 | 97 | 320136 | 20.0 | 18.5 | |
| 56 Isobutyl alcohol | 42 | 3.940 | 3.946 | -0.006 | 42 | 42874 | 500.0 | 438.3 | |
| 57 1,2-Dichloroethane | 62 | 3.952 | 3.952 | 0.000 | 97 | 108524 | 20.0 | 18.3 | |
| 58 Isooctane | 57 | 4.038 | 4.044 | -0.006 | 88 | 370262 | 20.0 | 20.4 | |
| 59 Isopropyl acetate | 61 | 4.080 | 4.080 | 0.000 | 89 | 27298 | 20.0 | 15.3 | |
| 60 Tert-amyl methyl ether | 73 | 4.086 | 4.087 | 0.000 | 90 | 242037 | 20.0 | 15.9 | |
| * 61 Fluorobenzene | 96 | 4.221 | 4.221 | 0.000 | 98 | 776897 | 50.0 | 50.0 | |
| 62 n-Heptane | 43 | 4.251 | 4.251 | 0.000 | 96 | 141738 | 20.0 | 24.1 | |
| 63 Trichloroethene | 95 | 4.611 | 4.611 | 0.000 | 94 | 79196 | 20.0 | 21.1 | |
| 64 n-Butanol | 43 | 4.647 | 4.635 | 0.012 | 94 | 26000 | 500.0 | 517.7 | |
| 65 Ethyl acrylate | 55 | 4.806 | 4.806 | 0.000 | 98 | 214626 | 20.0 | 18.9 | |
| 66 Methylcyclohexane | 83 | 4.818 | 4.812 | 0.006 | 96 | 150852 | 20.0 | 20.8 | |
| 67 1,2-Dichloropropane | 63 | 4.849 | 4.842 | 0.007 | 93 | 86352 | 20.0 | 19.1 | |
| 68 Dibromomethane | 93 | 4.970 | 4.970 | 0.000 | 93 | 48095 | 20.0 | 17.8 | |
| * 69 1,4-Dioxane-d8 | 96 | 4.977 | 4.983 | -0.006 | 0 | 29211 | 1000.0 | 1000.0 | |
| 70 1,4-Dioxane | 88 | 5.038 | 5.038 | 0.000 | 30 | 14086 | 400.0 | 444.8 | |
| 71 Methyl methacrylate | 100 | 5.050 | 5.050 | 0.000 | 93 | 32148 | 40.0 | 33.2 | |
| 72 n-Propyl acetate | 43 | 5.141 | 5.141 | 0.000 | 100 | 102603 | 20.0 | 16.6 | |
| 73 Dichlorobromomethane | 83 | 5.178 | 5.178 | 0.000 | 99 | 95915 | 20.0 | 18.7 | |
| 74 2-Nitropropane | 41 | 5.464 | 5.458 | 0.006 | 99 | 28117 | 40.0 | 25.7 | |
| 75 2-Chloroethyl vinyl ether | 63 | 5.586 | 5.586 | 0.000 | 96 | 44751 | 20.0 | 16.5 | |
| 76 Epichlorohydrin | 57 | 5.629 | 5.629 | 0.000 | 99 | 152204 | 400.0 | 367.6 | |
| 77 cis-1,3-Dichloropropene | 75 | 5.726 | 5.726 | 0.000 | 95 | 117113 | 20.0 | 17.3 | |
| 78 4-Methyl-2-pentanone (MIBK) | 43 | 5.970 | 5.970 | 0.000 | 98 | 402905 | 100.0 | 95.2 | |
| $ 79 Toluene-d8 (Surr) | 98 | 6.050 | 6.050 | 0.000 | 98 | 739790 | 50.0 | 46.0 | |
| 80 Toluene | 91 | 6.135 | 6.135 | 0.000 | 93 | 310403 | 20.0 | 18.8 | |
| 81 trans-1,3-Dichloropropene | 75 | 6.464 | 6.464 | 0.000 | 98 | 93421 | 20.0 | 16.1 | |
| 82 Ethyl methacrylate | 69 | 6.659 | 6.659 | 0.000 | 91 | 84523 | 20.0 | 15.0 | a |
| 83 1,1,2-Trichloroethane | 83 | 6.690 | 6.690 | 0.000 | 94 | 53242 | 20.0 | 17.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 Tetrachloroethene | 166 | 6.842 | 6.842 | 0.000 | 94 | 67855 | 20.0 | 22.2 | |
| 85 1,3-Dichloropropane | 76 | 6.891 | 6.891 | 0.000 | 95 | 106663 | 20.0 | 17.7 | |
| 86 2-Hexanone | 43 | 7.062 | 7.062 | 0.000 | 98 | 258401 | 100.0 | 95.6 | |
| 87 Chlorodibromomethane | 129 | 7.147 | 7.147 | 0.000 | 97 | 61154 | 20.0 | 18.4 | |
| 88 Ethylene Dibromide | 107 | 7.238 | 7.244 | -0.006 | 97 | 58072 | 20.0 | 18.2 | |
| 89 n-Butyl acetate | 43 | 7.251 | 7.251 | -0.001 | 98 | 108875 | 20.0 | 14.8 | |
| * 90 Chlorobenzene-d5 | 117 | 7.757 | 7.757 | -0.001 | 89 | 521816 | 50.0 | 50.0 | |
| 91 Chlorobenzene | 112 | 7.781 | 7.781 | 0.000 | 92 | 186971 | 20.0 | 19.8 | |
| 92 1,1,1,2-Tetrachloroethane | 131 | 7.878 | 7.878 | 0.000 | 94 | 66907 | 20.0 | 19.0 | |
| 93 Ethylbenzene | 106 | 7.921 | 7.921 | 0.000 | 99 | 104998 | 20.0 | 20.0 | |
| 94 m-Xylene & p-Xylene | 106 | 8.037 | 8.037 | 0.000 | 0 | 125393 | 20.0 | 19.3 | |
| 95 o-Xylene | 106 | 8.391 | 8.391 | 0.000 | 95 | 128620 | 20.0 | 18.8 | |
| 96 Styrene | 104 | 8.403 | 8.409 | -0.006 | 94 | 193019 | 20.0 | 17.6 | |
| 97 n-Butyl acrylate | 73 | 8.427 | 8.427 | 0.000 | 96 | 49642 | 20.0 | 14.2 | |
| 98 Bromoform | 173 | 8.543 | 8.543 | 0.000 | 95 | 35616 | 20.0 | 17.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 8.640 | 8.641 | 0.000 | 90 | 125585 | 20.0 | 15.0 | |
| 100 Isopropylbenzene | 105 | 8.726 | 8.726 | 0.000 | 96 | 319831 | 20.0 | 18.9 | |
| $ 101 4-Bromofluorobenzene | 174 | 8.829 | 8.836 | -0.007 | 83 | 207712 | 50.0 | 55.5 | |
| 102 Bromobenzene | 156 | 8.933 | 8.933 | 0.000 | 94 | 75575 | 20.0 | 20.7 | |
| 103 1,1,2,2-Tetrachloroethane | 83 | 8.982 | 8.982 | 0.000 | 98 | 91555 | 20.0 | 17.4 | |
| 104 1,2,3-Trichloropropane | 110 | 8.994 | 8.994 | 0.000 | 98 | 22928 | 20.0 | 17.5 | |
| 105 trans-1,4-Dichloro-2-butene | 53 | 9.025 | 9.025 | 0.000 | 83 | 23290 | 20.0 | 15.6 | |
| 106 N-Propylbenzene | 120 | 9.061 | 9.061 | 0.000 | 98 | 90184 | 20.0 | 20.9 | |
| 107 2-Chlorotoluene | 126 | 9.104 | 9.104 | 0.000 | 97 | 80058 | 20.0 | 21.2 | |
| 108 4-Ethyltoluene | 105 | 9.153 | 9.153 | 0.000 | 99 | 339190 | 20.0 | 20.8 | |
| 109 4-Chlorotoluene | 91 | 9.195 | 9.195 | 0.000 | 99 | 287018 | 20.0 | 19.9 | |
| 110 1,3,5-Trimethylbenzene | 105 | 9.207 | 9.207 | 0.000 | 92 | 290563 | 20.0 | 19.8 | |
| 111 Butyl Methacrylate | 87 | 9.317 | 9.317 | 0.000 | 94 | 80621 | 20.0 | 14.5 | |
| 112 tert-Butylbenzene | 119 | 9.451 | 9.451 | 0.000 | 92 | 231310 | 20.0 | 20.0 | |
| 113 1,2,4-Trimethylbenzene | 105 | 9.488 | 9.488 | 0.000 | 98 | 303143 | 20.0 | 20.1 | |
| 114 sec-Butylbenzene | 105 | 9.622 | 9.622 | 0.000 | 99 | 380307 | 20.0 | 20.5 | |
| 115 1,3-Dichlorobenzene | 146 | 9.677 | 9.677 | 0.000 | 93 | 150786 | 20.0 | 20.8 | |
| * 116 1,4-Dichlorobenzene-d4 | 152 | 9.732 | 9.732 | 0.000 | 98 | 290650 | 50.0 | 50.0 | |
| 117 4-Isopropyltoluene | 119 | 9.738 | 9.738 | 0.000 | 97 | 319956 | 20.0 | 19.4 | |
| 118 1,4-Dichlorobenzene | 146 | 9.750 | 9.750 | 0.000 | 95 | 153992 | 20.0 | 19.9 | |
| 119 1,2,3-Trimethylbenzene | 105 | 9.799 | 9.799 | 0.000 | 100 | 319166 | 20.0 | 19.8 | |
| 120 Benzyl chloride | 126 | 9.854 | 9.854 | 0.000 | 97 | 22731 | 20.0 | 13.9 | |
| 121 2,3-Dihydroindene | 117 | 9.933 | 9.933 | 0.000 | 94 | 287897 | 20.0 | 19.7 | |
| 123 1,2-Dichlorobenzene | 146 | 10.012 | 10.012 | 0.000 | 91 | 150601 | 20.0 | 19.1 | |
| 122 p-Diethylbenzene | 119 | 10.018 | 10.018 | 0.000 | 92 | 197353 | 20.0 | 19.5 | |
| 124 n-Butylbenzene | 92 | 10.030 | 10.030 | 0.000 | 98 | 184419 | 20.0 | 19.6 | |
| 125 1,2,4,5-Tetramethylbenzene | 119 | 10.561 | 10.561 | 0.000 | 96 | 293149 | 20.0 | 18.8 | |
| 126 1,2-Dibromo-3-Chloropropane | 157 | 10.567 | 10.567 | 0.000 | 97 | 16318 | 20.0 | 16.0 | |
| 127 1,3,5-Trichlorobenzene | 180 | 10.713 | 10.713 | 0.000 | 96 | 122617 | 20.0 | 21.8 | |
| 128 1,2,4-Trichlorobenzene | 180 | 11.134 | 11.134 | 0.000 | 94 | 110910 | 20.0 | 20.6 | |
| 129 Hexachlorobutadiene | 225 | 11.256 | 11.256 | 0.000 | 90 | 54677 | 20.0 | 22.4 | |
| 130 Naphthalene | 128 | 11.292 | 11.292 | 0.000 | 99 | 284047 | 20.0 | 17.4 | |
| 131 1,2,3-Trichlorobenzene | 180 | 11.463 | 11.463 | 0.000 | 94 | 108957 | 20.0 | 20.6 | |
| S 132 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 40.5 | |
| S 133 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 33.5 | |
| S 134 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.1 | |
| S 135 Total BTEX | 1 | | | | 0 | | 100.0 | 95.3 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

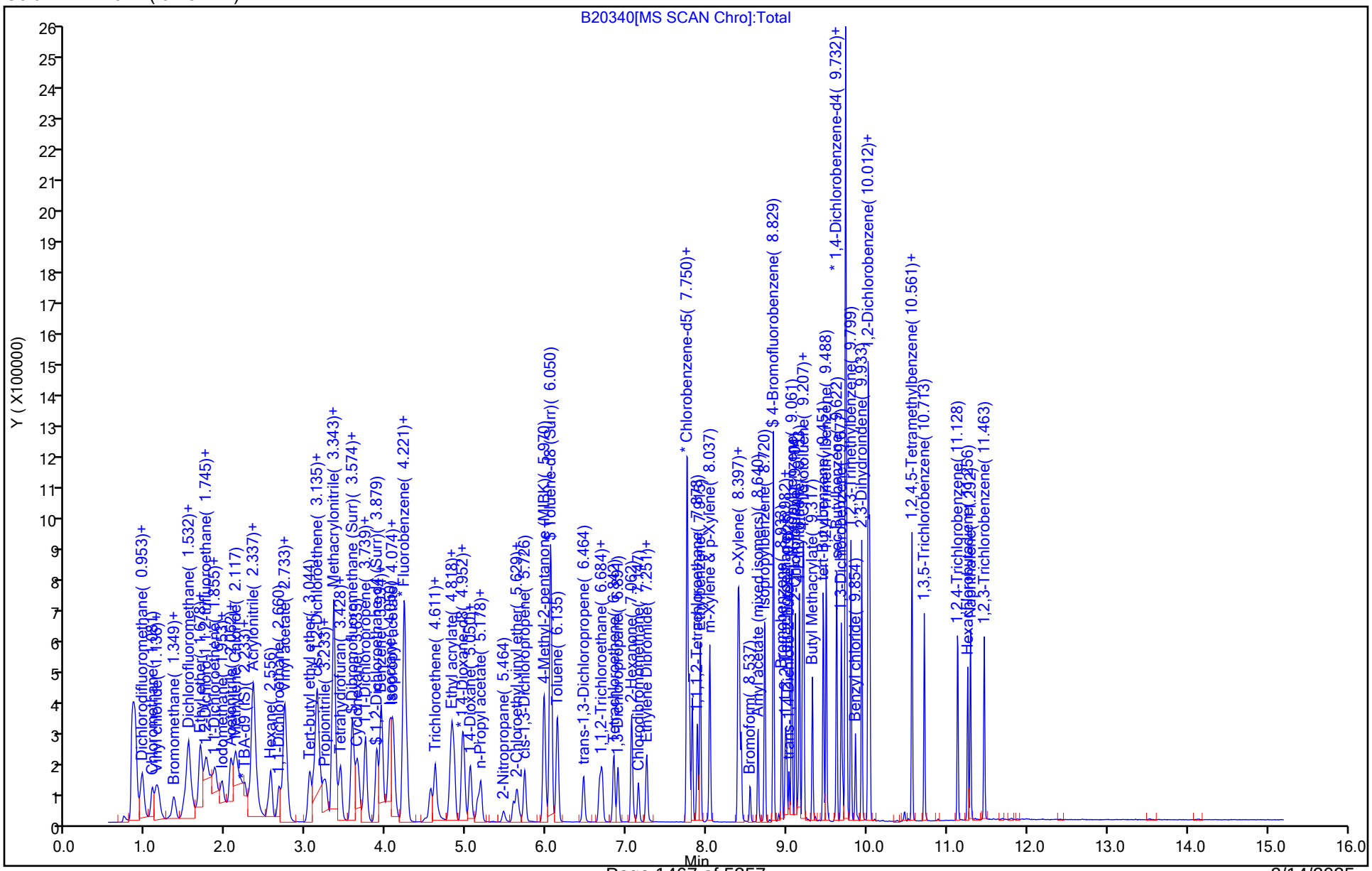
Report Date: 11-Feb-2025 12:31:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:42:30 | Instrument ID: | CVOAMS2 | Operator ID: | |
| Lims ID: | LCSD | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | 8260S_2 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: DB-624 ( 0.18 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 17:42:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0186728-004
Operator ID: Instrument ID: CVOAMS2

Method: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\8260S_2.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:31:39 Calib Date: 17-Jan-2025 08:51:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS2\20250117-185886.b\B19233.D

Column 1 : DB-624 ( 0.18 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 21:12:53

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 49 Dibromofluoromethane (Surr) | 50.0 | 46.0 | 92.02 |
| $ 54 1,2-Dichloroethane-d4 (Surr) | 50.0 | 43.7 | 87.37 |
| $ 79 Toluene-d8 (Surr) | 50.0 | 46.0 | 92.07 |
| $ 101 4-Bromofluorobenzene | 50.0 | 55.5 | 110.98 |

Manual Integration/User Assign Peak Report

Eurofins Edison

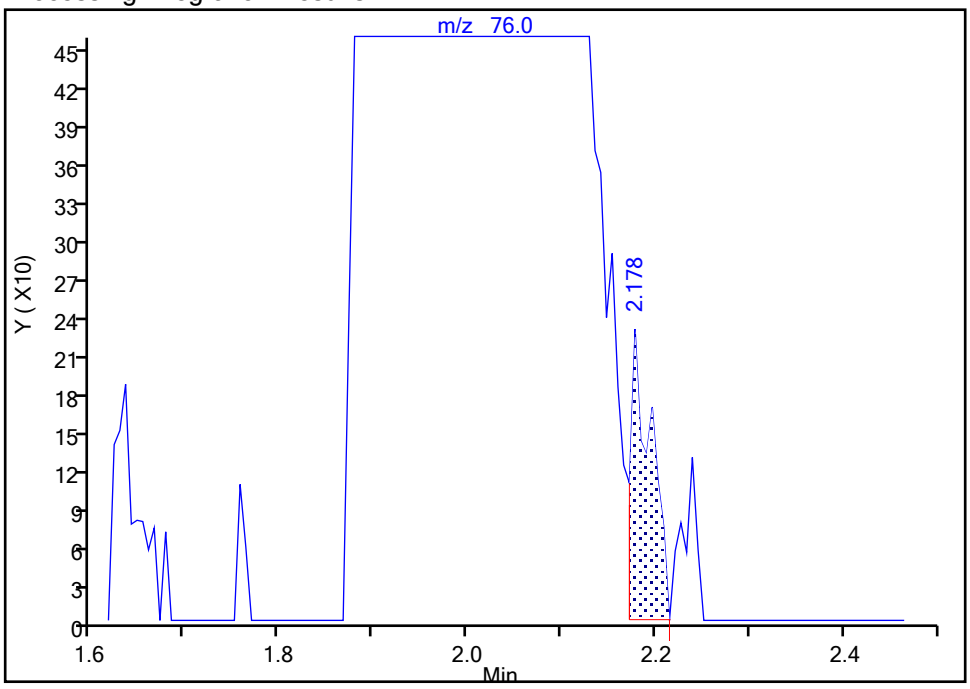
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Injection Date: 10-Feb-2025 17:42:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 21 Carbon disulfide, CAS: 75-15-0

Signal: 1

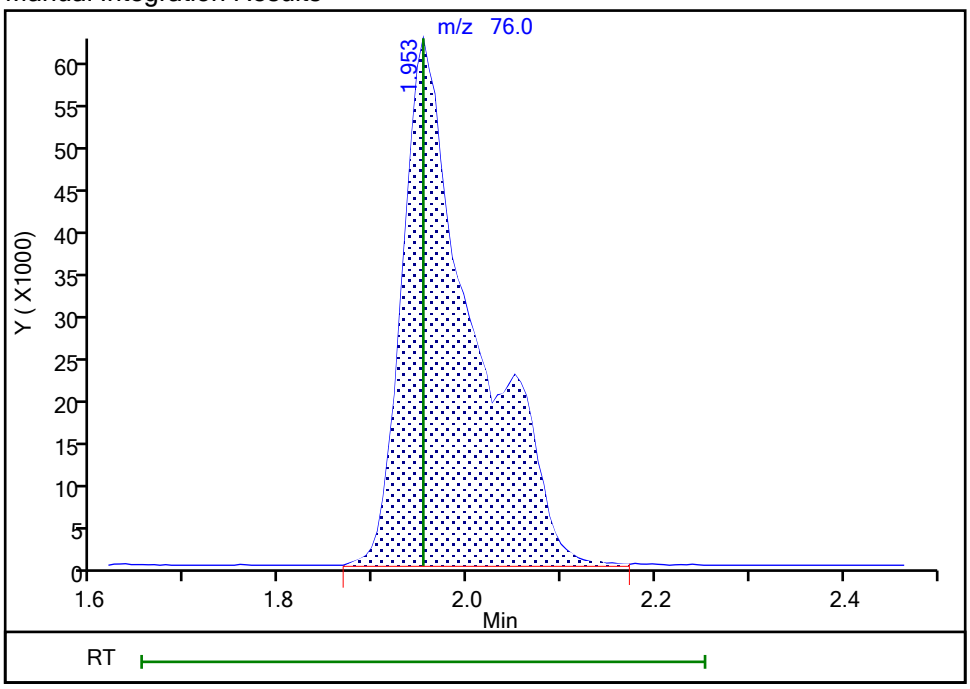
Processing Integration Results

RT: 2.18
Area: 348
Amount: 0.022544
Amount Units: ug/l




Manual Integration Results

RT: 1.95
Area: 335988
Amount: 21.765974
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 18:09:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

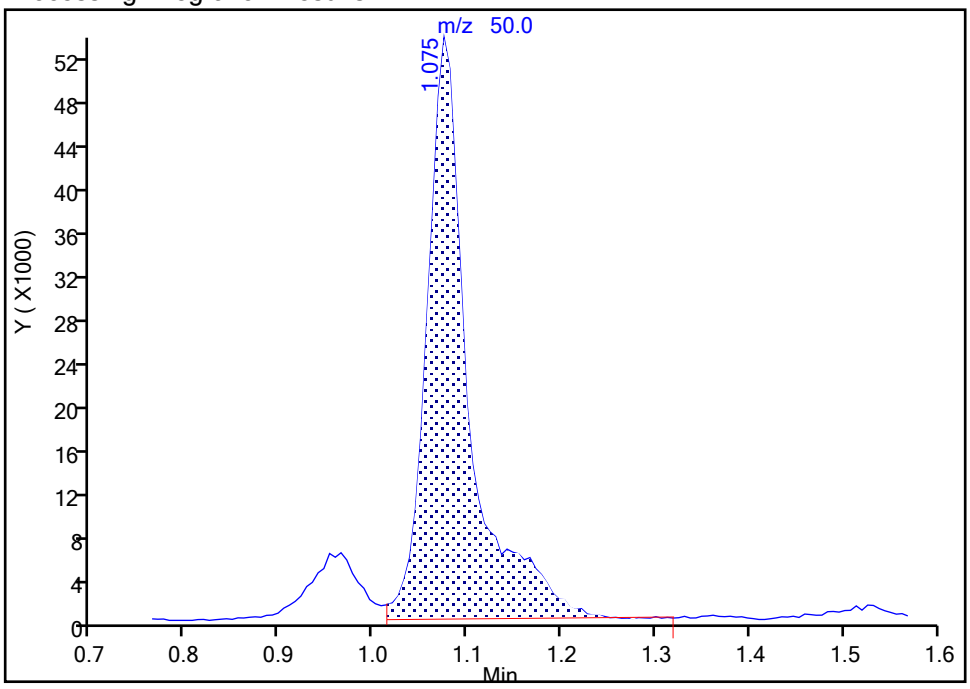
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Injection Date: 10-Feb-2025 17:42:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 3 Chloromethane, CAS: 74-87-3

Signal: 1

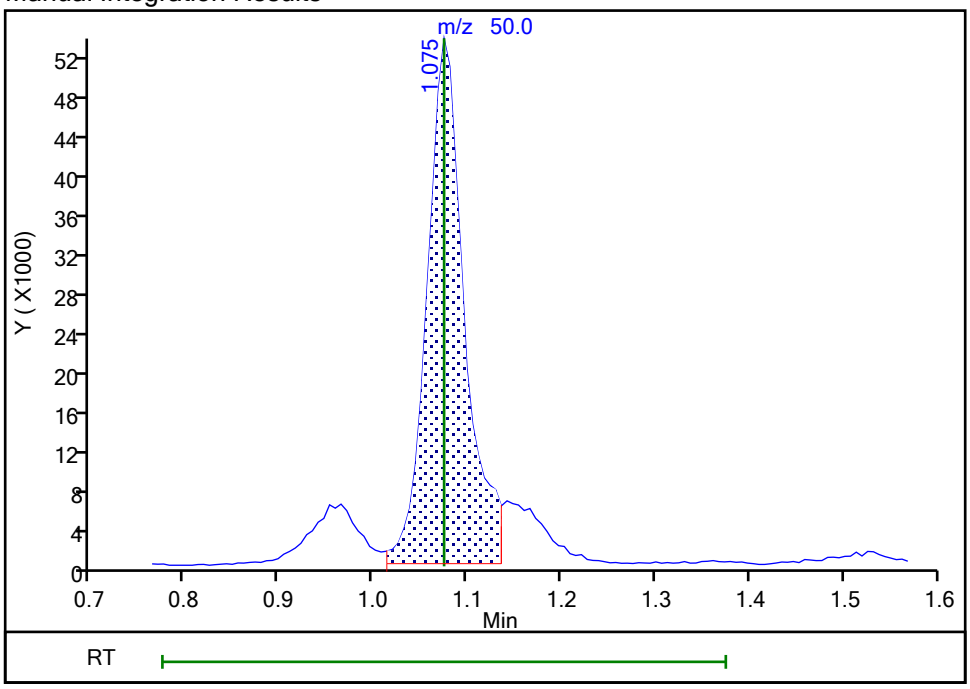
Processing Integration Results

RT: 1.07
Area: 165757
Amount: 18.328010
Amount Units: ug/l




Manual Integration Results

RT: 1.07
Area: 147070
Amount: 16.261760
Amount Units: ug/l




Reviewer: NN6A, 11-Feb-2025 12:30:52 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

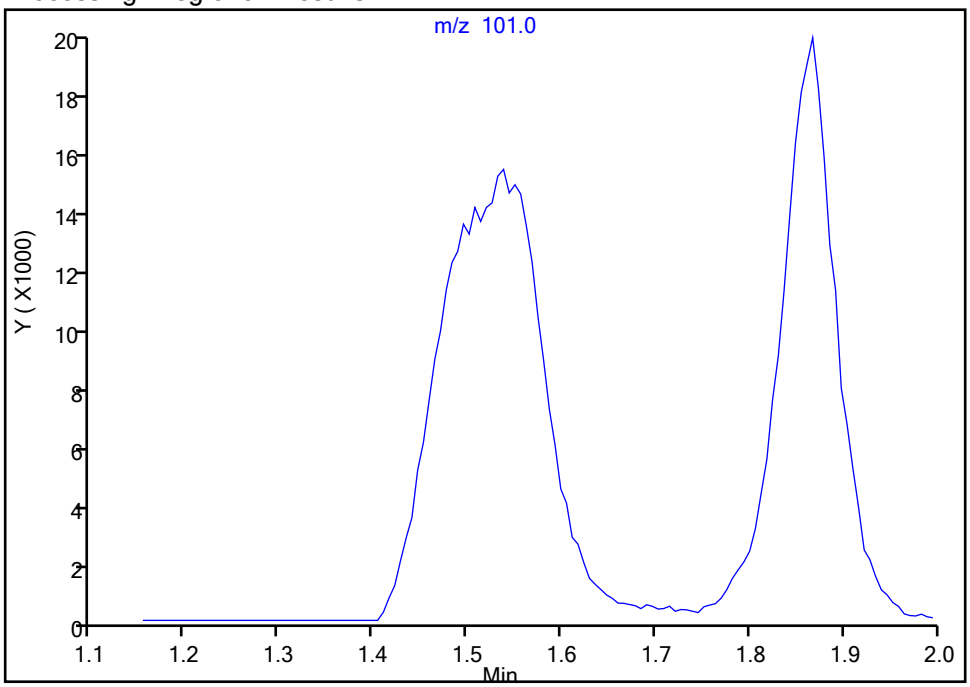
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Injection Date: 10-Feb-2025 17:42:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## 10 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

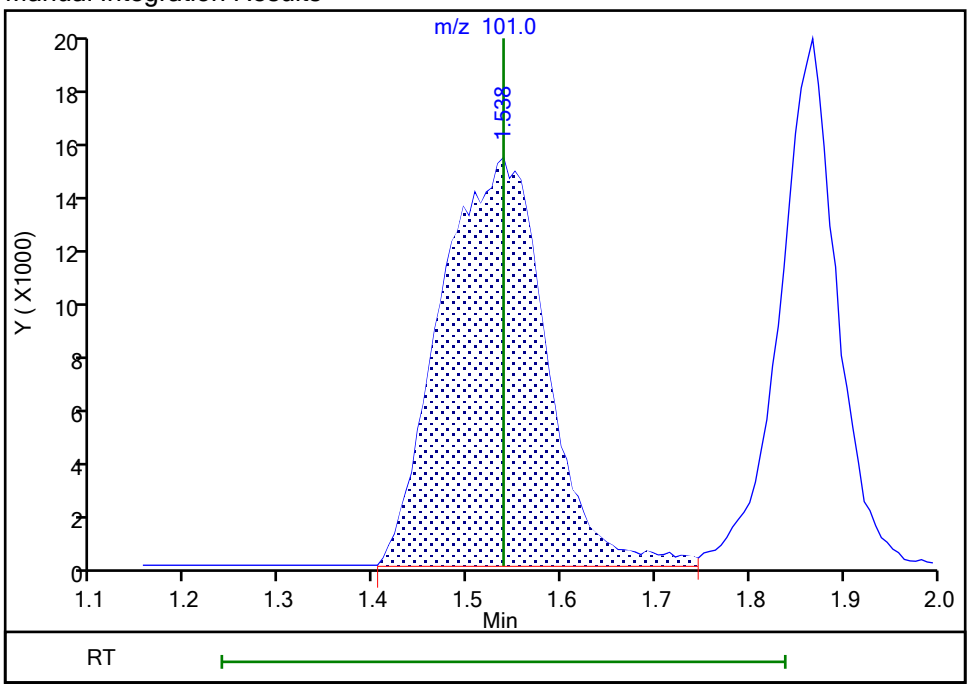
Not Detected
Expected RT: 1.54

Processing Integration Results




Manual Integration Results

RT: 1.54
Area: 114463
Amount: 13.506854
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 18:09:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

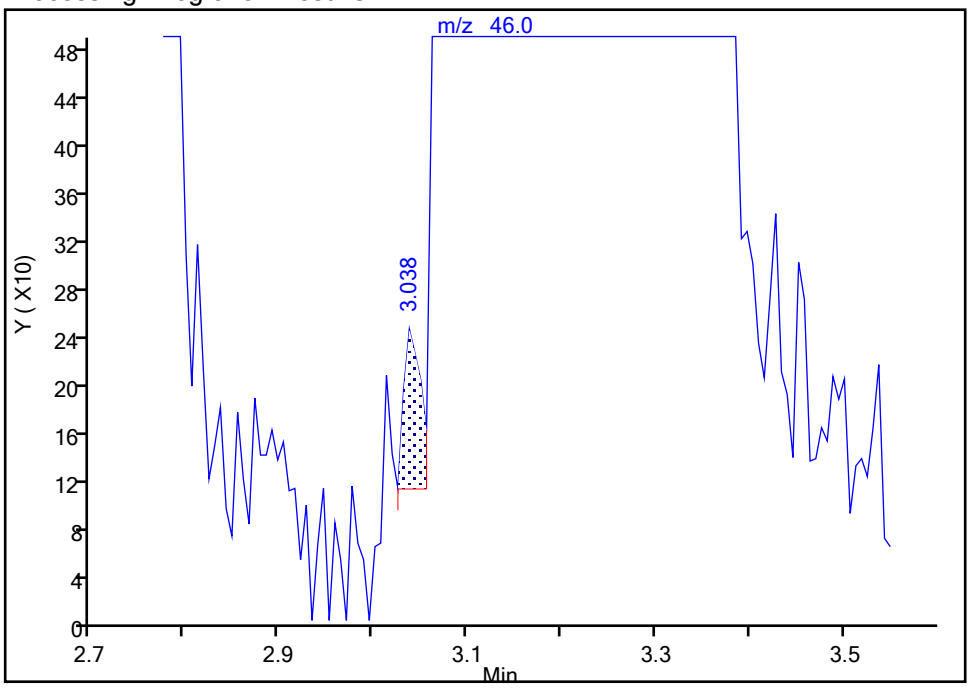
Data File: \\chromfs\Edison\ChromData\CVOAMS2\20250210-186728.b\B20340.D
Injection Date: 10-Feb-2025 17:42:30 Instrument ID: CVOAMS2
Lims ID: LCSD
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_2 Limit Group: VOA - 8260D Water and Solid
Column: DB-624 ( 0.18 mm) Detector MS SCAN

## * 38 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

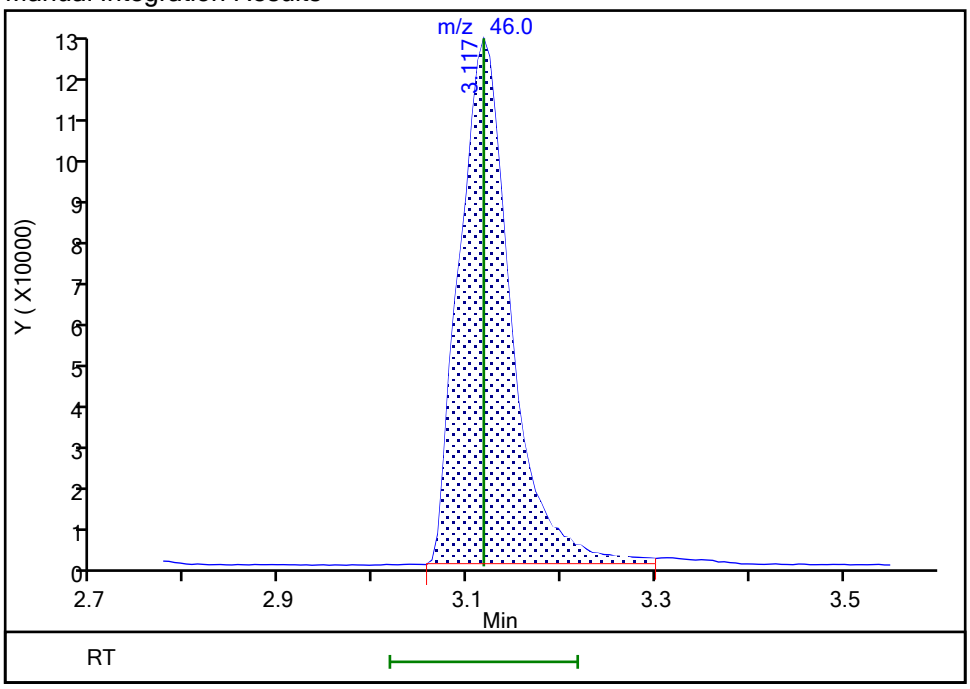
Processing Integration Results

RT: 3.04
Area: 172
Amount: 250.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.12
Area: 495255
Amount: 250.0000
Amount Units: ug/l




Reviewer: C1JX, 10-Feb-2025 18:09:14 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020507/3

Matrix: Solid | Lab File ID: D24910.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0196 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0191 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0215 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0193 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0193 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0207 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0200 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0196 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0187 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0192 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0176 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0189 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0199 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0199 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0960 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0918 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0944 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0895 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0194 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0181 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0413 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0198 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0193 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0194 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0193 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0181 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0215 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0194 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0202 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0197 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0185 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0209 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020507/3

Matrix: Solid | Lab File ID: D24910.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 17:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020507 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0187 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0228 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0196 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0183 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0194 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0366 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0186 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0204 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0180 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0190 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0194 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0189 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0197 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0194 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0198 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0177 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0193 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0226 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0217 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 98 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 102 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 102 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24910.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 17:26:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0186729-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:44:39 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 18:11:49

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.327 | 1.328 | -0.001 | 89 | 22248 | 20.0 | 15.9 | |
| 2 Dichlorodifluoromethane | 85 | 1.363 | 1.363 | 0.000 | 99 | 155268 | 20.0 | 22.8 | |
| 3 Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 97 | 178942 | 20.0 | 19.8 | |
| 4 Chloromethane | 50 | 1.571 | 1.557 | 0.014 | 99 | 129370 | 20.0 | 20.2 | |
| 5 Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 111431 | 20.0 | 21.7 | |
| 6 Butadiene | 54 | 1.671 | 1.671 | 0.000 | 96 | 109944 | 20.0 | 21.4 | |
| 7 Bromomethane | 94 | 1.958 | 1.958 | 0.000 | 99 | 50486 | 20.0 | 41.3 | |
| 8 Chloroethane | 64 | 2.065 | 2.065 | 0.000 | 99 | 69581 | 20.0 | 21.5 | |
| 9 Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 98 | 127212 | 20.0 | 22.6 | |
| 10 Dichlorofluoromethane | 67 | 2.280 | 2.280 | 0.000 | 99 | 179317 | 20.0 | 21.2 | |
| 11 Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 34633 | 40.0 | 40.8 | |
| 12 Ethanol | 46 | 2.531 | 2.531 | 0.000 | 96 | 14332 | 800.0 | 697.6 | |
| 13 Ethyl ether | 59 | 2.567 | 2.567 | 0.000 | 94 | 62584 | 20.0 | 18.3 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 96 | 82377 | 20.0 | 20.8 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.624 | 2.624 | 0.000 | 89 | 68903 | 20.0 | 22.2 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 96 | 130795 | 20.0 | 21.8 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 87 | 83076 | 20.0 | 21.5 | |
| 18 Acrolein | 56 | 2.753 | 2.753 | 0.000 | 96 | 174739 | 300.0 | 371.1 | |
| 19 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 81077 | 20.0 | 20.7 | |
| 20 Acetone | 43 | 2.903 | 2.903 | 0.000 | 88 | 78132 | 100.0 | 89.5 | |
| 21 Iodomethane | 142 | 2.953 | 2.954 | -0.001 | 98 | 93512 | 20.0 | 21.4 | |
| 22 Carbon disulfide | 76 | 2.982 | 2.982 | 0.000 | 99 | 297895 | 20.0 | 19.8 | |
| 23 Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 99 | 44096 | 200.0 | 185.8 | |
| 24 3-Chloro-1-propene | 76 | 3.161 | 3.161 | 0.000 | 90 | 51677 | 20.0 | 20.0 | |
| 25 Cyclopentene | 67 | 3.176 | 3.176 | 0.000 | 94 | 189517 | 20.0 | 18.6 | |
| 26 Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 84710 | 40.0 | 36.6 | |
| 27 Acetonitrile | 40 | 3.247 | 3.247 | 0.000 | 100 | 36990 | 200.0 | 170.6 | |
| 28 Methylene Chloride | 84 | 3.319 | 3.319 | 0.000 | 92 | 85344 | 20.0 | 18.0 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 310895 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 71899 | 200.0 | 186.9 | |
| 31 Methyl tert-butyl ether | 73 | 3.512 | 3.512 | 0.000 | 97 | 197372 | 20.0 | 18.6 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 85375 | 20.0 | 19.8 | |
| 33 Acrylonitrile | 53 | 3.634 | 3.634 | 0.000 | 94 | 214923 | 200.0 | 199.9 | |
| 34 Hexane | 57 | 3.727 | 3.734 | -0.007 | 92 | 144086 | 20.0 | 20.1 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 97 | 239118 | 20.0 | 18.3 | |
| 36 1,1-Dichloroethane | 63 | 4.014 | 4.014 | 0.000 | 99 | 152615 | 20.0 | 19.3 | |
| 37 Vinyl acetate | 86 | 4.057 | 4.050 | 0.007 | 99 | 28828 | 40.0 | 38.3 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 77930 | 20.0 | 20.3 | |
| 39 Tert-butyl ethyl ether | 59 | 4.372 | 4.372 | 0.000 | 89 | 226383 | 20.0 | 18.2 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 95 | 37722 | 20.0 | 18.4 | |
| * 41 2-Butanone-d5 | 46 | 4.608 | 4.608 | 0.000 | 95 | 304884 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.644 | 4.644 | 0.000 | 98 | 89102 | 20.0 | 19.7 | |
| 43 2-Butanone (MEK) | 72 | 4.673 | 4.673 | 0.000 | 100 | 36825 | 100.0 | 96.0 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 98 | 14657 | 40.0 | 41.4 | |
| 45 Methyl acrylate | 55 | 4.751 | 4.752 | -0.001 | 99 | 52789 | 20.0 | 18.2 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 99 | 83496 | 200.0 | 198.1 | |
| 47 Tetrahydrofuran | 72 | 4.909 | 4.909 | 0.000 | 87 | 15713 | 40.0 | 37.9 | |
| 48 Chlorobromomethane | 128 | 4.916 | 4.916 | 0.000 | 88 | 34608 | 20.0 | 19.3 | |
| 49 Methacrylonitrile | 67 | 4.952 | 4.959 | -0.007 | 91 | 262833 | 200.0 | 193.3 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 136707 | 20.0 | 19.4 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 91 | 130357 | 20.0 | 20.9 | |
| 52 1,1,1-Trichloroethane | 97 | 5.145 | 5.145 | 0.000 | 99 | 114116 | 20.0 | 19.6 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.181 | 5.181 | 0.000 | 95 | 167169 | 50.0 | 51.0 | |
| 54 Carbon tetrachloride | 117 | 5.289 | 5.289 | 0.000 | 98 | 94975 | 20.0 | 19.3 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 118856 | 20.0 | 19.1 | |
| 56 Isobutyl alcohol | 43 | 5.539 | 5.539 | 0.000 | 90 | 128422 | 500.0 | 469.0 | |
| 137 Isooctane | 57 | 5.546 | 5.547 | -0.001 | 95 | 353736 | 20.0 | 20.3 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 97 | 328331 | 20.0 | 19.4 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 97 | 167583 | 50.0 | 49.0 | |
| 59 Tert-amyl methyl ether | 87 | 5.675 | 5.676 | -0.001 | 92 | 60739 | 20.0 | 18.3 | |
| 60 Isopropyl acetate | 61 | 5.690 | 5.690 | 0.000 | 99 | 35710 | 20.0 | 18.3 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 95 | 86705 | 20.0 | 17.6 | |
| 62 n-Heptane | 43 | 5.790 | 5.790 | 0.000 | 91 | 140101 | 20.0 | 18.8 | |
| * 63 Fluorobenzene | 96 | 5.933 | 5.933 | 0.000 | 98 | 684114 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.356 | 6.356 | 0.000 | 86 | 49236 | 500.0 | 464.0 | |
| 65 Trichloroethene | 95 | 6.363 | 6.363 | 0.000 | 97 | 82776 | 20.0 | 19.3 | |
| 66 Methylcyclohexane | 83 | 6.506 | 6.506 | 0.000 | 97 | 157777 | 20.0 | 20.4 | |
| 67 Ethyl acrylate | 55 | 6.556 | 6.557 | -0.001 | 98 | 86620 | 20.0 | 17.2 | |
| 68 1,2-Dichloropropane | 63 | 6.721 | 6.721 | 0.000 | 94 | 83574 | 20.0 | 18.9 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.800 | 6.800 | 0.000 | 0 | 27678 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.843 | 6.843 | 0.000 | 89 | 34189 | 40.0 | 38.0 | |
| 71 1,4-Dioxane | 88 | 6.864 | 6.865 | -0.001 | 87 | 15217 | 400.0 | 374.9 | |
| 72 Dibromomethane | 93 | 6.864 | 6.865 | -0.001 | 93 | 42774 | 20.0 | 18.2 | |
| 73 n-Propyl acetate | 43 | 6.922 | 6.922 | 0.000 | 98 | 86039 | 20.0 | 17.4 | |
| 74 Dichlorobromomethane | 83 | 7.051 | 7.051 | 0.000 | 99 | 96426 | 20.0 | 18.7 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 98 | 29796 | 40.0 | 30.3 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 96 | 43786 | 20.0 | 18.7 | |
| 77 Epichlorohydrin | 57 | 7.509 | 7.509 | 0.000 | 98 | 119327 | 400.0 | 419.0 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.559 | 7.559 | 0.000 | 91 | 128828 | 20.0 | 18.5 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.724 | 7.717 | 0.007 | 96 | 283805 | 100.0 | 94.4 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.781 | 7.781 | 0.000 | 99 | 695079 | 50.0 | 50.8 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 339586 | 20.0 | 19.4 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 94 | 106731 | 20.0 | 17.7 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 83 Ethyl methacrylate | 69 | 8.190 | 8.190 | 0.000 | 88 | 89274 | 20.0 | 18.3 | |
| 84 1,1,2-Trichloroethane | 83 | 8.326 | 8.326 | 0.000 | 97 | 54885 | 20.0 | 19.3 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 95 | 71582 | 20.0 | 19.7 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 93 | 104820 | 20.0 | 18.5 | |
| 87 2-Hexanone | 43 | 8.541 | 8.541 | 0.000 | 96 | 197185 | 100.0 | 91.8 | |
| 88 n-Butyl acetate | 73 | 8.627 | 8.627 | 0.000 | 98 | 17740 | 20.0 | 18.0 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 64093 | 20.0 | 18.1 | |
| 90 Ethylene Dibromide | 107 | 8.770 | 8.770 | 0.000 | 98 | 59481 | 20.0 | 18.3 | |
| * 91 Chlorobenzene-d5 | 117 | 9.150 | 9.150 | 0.000 | 88 | 463188 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 201472 | 20.0 | 19.4 | |
| 93 Ethylbenzene | 106 | 9.235 | 9.236 | -0.001 | 99 | 114905 | 20.0 | 19.6 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 96 | 63573 | 20.0 | 19.0 | |
| 95 m-Xylene & p-Xylene | 106 | 9.343 | 9.343 | 0.000 | 0 | 140844 | 20.0 | 19.0 | |
| 96 n-Butyl acrylate | 73 | 9.651 | 9.651 | 0.000 | 97 | 50796 | 20.0 | 17.0 | |
| 97 o-Xylene | 106 | 9.672 | 9.673 | -0.001 | 94 | 131859 | 20.0 | 19.4 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 94 | 220016 | 20.0 | 18.9 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 109169 | 20.0 | 18.3 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 95 | 36367 | 20.0 | 18.1 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 323307 | 20.0 | 19.4 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.117 | 10.117 | -0.001 | 0 | 187336 | 50.0 | 54.8 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 95 | 72797 | 20.0 | 20.0 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.245 | 10.246 | -0.001 | 99 | 79848 | 20.0 | 19.1 | |
| 105 N-Propylbenzene | 91 | 10.274 | 10.274 | 0.000 | 99 | 446408 | 20.0 | 20.6 | |
| 106 1,2,3-Trichloropropane | 110 | 10.288 | 10.289 | -0.001 | 94 | 20710 | 20.0 | 19.4 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.303 | 10.303 | 0.000 | 83 | 24453 | 20.0 | 18.0 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 99 | 348946 | 20.0 | 20.2 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 95 | 295350 | 20.0 | 20.4 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.410 | 10.410 | 0.000 | 93 | 299252 | 20.0 | 20.5 | |
| 111 4-Chlorotoluene | 91 | 10.453 | 10.453 | 0.000 | 98 | 269230 | 20.0 | 19.7 | |
| 112 Butyl Methacrylate | 87 | 10.475 | 10.475 | 0.000 | 91 | 95890 | 20.0 | 18.4 | |
| 113 tert-Butylbenzene | 119 | 10.647 | 10.647 | 0.000 | 92 | 241809 | 20.0 | 20.3 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 287597 | 20.0 | 19.6 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 390899 | 20.0 | 20.7 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 98 | 318734 | 20.0 | 20.8 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 94 | 146461 | 20.0 | 19.9 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 97 | 224656 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.998 | 10.998 | 0.000 | 92 | 149391 | 20.0 | 19.9 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 301354 | 20.0 | 19.8 | |
| 121 Benzyl chloride | 126 | 11.105 | 11.105 | 0.000 | 98 | 28974 | 20.0 | 18.4 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 94 | 300652 | 20.0 | 19.3 | |
| 123 p-Diethylbenzene | 119 | 11.184 | 11.184 | 0.000 | 93 | 210439 | 20.0 | 20.0 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 96 | 185294 | 20.0 | 19.6 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 96 | 133760 | 20.0 | 19.2 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.786 | 11.786 | 0.000 | 97 | 270510 | 20.0 | 19.4 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 98 | 13581 | 20.0 | 18.7 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.015 | 12.015 | 0.000 | 96 | 97543 | 20.0 | 19.8 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 94 | 82137 | 20.0 | 19.6 | |
| 130 Hexachlorobutadiene | 225 | 12.717 | 12.717 | 0.000 | 92 | 42925 | 20.0 | 20.5 | |
| 131 Naphthalene | 128 | 12.881 | 12.882 | -0.001 | 99 | 203031 | 20.0 | 18.7 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.154 | 13.154 | 0.000 | 95 | 73014 | 20.0 | 20.0 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 39.5 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.2 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.4 | |
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 96.9 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | | |
|---|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent | |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent | |

Report Date: 11-Feb-2025 12:45:53 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24910.D

Injection Date: 10-Feb-2025 17:26:30 Instrument ID: CVOAMS4 Operator ID:

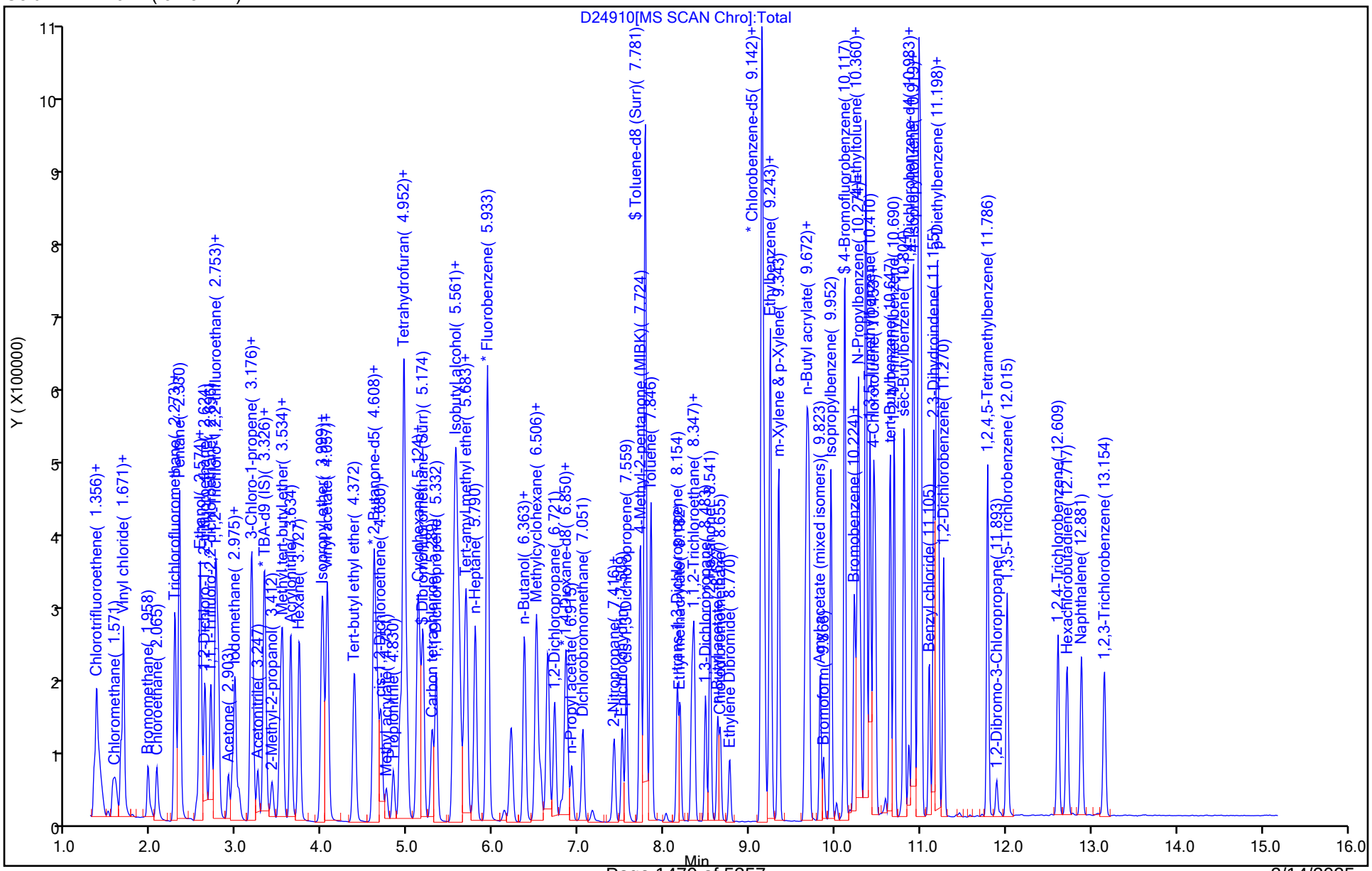
Lims ID: LCSD Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\D24910.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 17:26:30 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0186729-003
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250210-186729.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:44:39 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: C1JX Date: 10-Feb-2025 18:11:49

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 51.0 | 102.04 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 49.0 | 98.08 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.8 | 101.51 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.8 | 109.60 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020540/5

Matrix: Water | Lab File ID: A22178.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 21:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 20.2 | | 1.0 | 0.24 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 23.2 | | 1.0 | 0.37 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 19.8 | | 1.0 | 0.31 |
| 79-00-5 | 1,1,2-Trichloroethane | 21.9 | | 1.0 | 0.20 |
| 75-34-3 | 1,1-Dichloroethane | 17.9 | | 1.0 | 0.26 |
| 75-35-4 | 1,1-Dichloroethene | 18.4 | | 1.0 | 0.26 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 24.1 | | 1.0 | 0.36 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 22.3 | | 1.0 | 0.37 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 24.9 | | 1.0 | 0.38 |
| 95-50-1 | 1,2-Dichlorobenzene | 23.7 | | 1.0 | 0.21 |
| 107-06-2 | 1,2-Dichloroethane | 18.5 | | 1.0 | 0.43 |
| 78-87-5 | 1,2-Dichloropropane | 18.2 | | 1.0 | 0.35 |
| 541-73-1 | 1,3-Dichlorobenzene | 23.1 | | 1.0 | 0.34 |
| 106-46-7 | 1,4-Dichlorobenzene | 23.6 | | 1.0 | 0.33 |
| 78-93-3 | 2-Butanone (MEK) | 151 | | 5.0 | 1.9 |
| 591-78-6 | 2-Hexanone | 143 | | 5.0 | 1.1 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 124 | | 5.0 | 1.3 |
| 67-64-1 | Acetone | 120 | | 5.0 | 4.4 |
| 71-43-2 | Benzene | 19.9 | | 1.0 | 0.20 |
| 75-25-2 | Bromoform | 25.4 | | 1.0 | 0.54 |
| 74-83-9 | Bromomethane | 20.1 | | 1.0 | 0.55 |
| 75-15-0 | Carbon disulfide | 13.4 | | 1.0 | 0.82 |
| 56-23-5 | Carbon tetrachloride | 20.0 | | 1.0 | 0.21 |
| 108-90-7 | Chlorobenzene | 22.8 | | 1.0 | 0.38 |
| 74-97-5 | Chlorobromomethane | 22.7 | | 1.0 | 0.41 |
| 124-48-1 | Chlorodibromomethane | 25.0 | | 1.0 | 0.28 |
| 75-00-3 | Chloroethane | 19.1 | | 1.0 | 0.32 |
| 67-66-3 | Chloroform | 20.7 | | 1.0 | 0.33 |
| 74-87-3 | Chloromethane | 15.6 | | 1.0 | 0.40 |
| 156-59-2 | cis-1,2-Dichloroethene | 21.2 | | 1.0 | 0.22 |
| 10061-01-5 | cis-1,3-Dichloropropene | 21.2 | | 1.0 | 0.22 |
| 110-82-7 | Cyclohexane | 14.3 | | 1.0 | 0.32 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020540/5

Matrix: Water | Lab File ID: A22178.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/10/2025 21:47

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

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

Analysis Batch No.: 1020540 | Units: ug/L

Preparation Batch No.: | Instrument ID: CVOAMS1

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 21.4 | | 1.0 | 0.34 |
| 75-71-8 | Dichlorodifluoromethane | 21.2 | | 1.0 | 0.31 |
| 100-41-4 | Ethylbenzene | 23.0 | | 1.0 | 0.30 |
| 106-93-4 | Ethylene Dibromide | 24.1 | | 1.0 | 0.50 |
| 98-82-8 | Isopropylbenzene | 23.1 | | 1.0 | 0.34 |
| 79-20-9 | Methyl acetate | 33.0 | | 5.0 | 0.79 |
| 1634-04-4 | Methyl tert-butyl ether | 20.7 | | 1.0 | 0.22 |
| 108-87-2 | Methylcyclohexane | 17.5 | | 1.0 | 0.71 |
| 75-09-2 | Methylene Chloride | 19.2 | | 1.0 | 0.32 |
| 179601-23-1 | m-Xylene & p-Xylene | 23.2 | | 1.0 | 0.30 |
| 95-47-6 | o-Xylene | 23.6 | | 1.0 | 0.36 |
| 100-42-5 | Styrene | 23.8 | | 1.0 | 0.42 |
| 127-18-4 | Tetrachloroethene | 22.0 | | 1.0 | 0.25 |
| 108-88-3 | Toluene | 20.8 | | 1.0 | 0.38 |
| 156-60-5 | trans-1,2-Dichloroethene | 20.1 | | 1.0 | 0.24 |
| 10061-02-6 | trans-1,3-Dichloropropene | 21.6 | | 1.0 | 0.22 |
| 79-01-6 | Trichloroethene | 20.7 | | 1.0 | 0.31 |
| 75-69-4 | Trichlorofluoromethane | 20.8 | | 1.0 | 0.32 |
| 75-01-4 | Vinyl chloride | 18.2 | | 1.0 | 0.17 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 77 | | 70-128 |
| 460-00-4 | 4-Bromofluorobenzene | 108 | | 76-120 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 90 | | 77-132 |
| 2037-26-5 | Toluene-d8 (Surr) | 93 | | 80-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22178.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 21:47:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 05:51:13 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:42:39

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 170 Chlorotrifluoroethene | 116 | 1.528 | 1.528 | 0.000 | 92 | 22306 | 20.0 | 18.5 | |
| 4 Dichlorodifluoromethane | 85 | 1.557 | 1.557 | 0.000 | 98 | 127637 | 20.0 | 21.2 | |
| 165 Chlorodifluoromethane | 51 | 1.581 | 1.575 | 0.006 | 97 | 162911 | 20.0 | 18.0 | |
| 6 Chloromethane | 50 | 1.740 | 1.740 | 0.000 | 99 | 124085 | 20.0 | 15.6 | |
| 7 Vinyl chloride | 62 | 1.810 | 1.810 | 0.000 | 97 | 106866 | 20.0 | 18.2 | |
| 172 Butadiene | 39 | 1.834 | 1.834 | 0.000 | 92 | 76954 | 20.0 | 13.6 | |
| 9 Bromomethane | 94 | 2.087 | 2.087 | 0.000 | 99 | 52700 | 20.0 | 20.1 | |
| 10 Chloroethane | 64 | 2.163 | 2.163 | 0.000 | 97 | 68544 | 20.0 | 19.1 | |
| 174 Dichlorofluoromethane | 67 | 2.316 | 2.316 | 0.000 | 98 | 178544 | 20.0 | 18.9 | |
| 12 Trichlorofluoromethane | 101 | 2.328 | 2.328 | 0.000 | 98 | 123818 | 20.0 | 20.8 | |
| 13 Pentane | 72 | 2.375 | 2.369 | 0.006 | 96 | 23023 | 40.0 | 25.8 | |
| 14 Ethanol | 46 | 2.499 | 2.493 | 0.006 | 100 | 15811 | 800.0 | 728.4 | |
| 15 Ethyl ether | 59 | 2.546 | 2.546 | 0.000 | 95 | 67572 | 20.0 | 16.4 | |
| 16 2-Methyl-1,3-butadiene | 53 | 2.569 | 2.569 | 0.000 | 83 | 64106 | 20.0 | 14.5 | |
| 167 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.575 | 2.575 | 0.000 | 86 | 68087 | 20.0 | 21.8 | |
| 171 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.628 | 2.622 | 0.006 | 96 | 125128 | 20.0 | 20.5 | |
| 20 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.704 | 2.704 | 0.000 | 95 | 74178 | 20.0 | 19.8 | |
| 19 Acrolein | 56 | 2.710 | 2.716 | -0.006 | 49 | 20588 | 40.0 | 38.3 | |
| 21 1,1-Dichloroethene | 96 | 2.746 | 2.751 | -0.005 | 96 | 75451 | 20.0 | 18.4 | |
| 22 Acetone | 58 | 2.822 | 2.822 | 0.000 | 90 | 31116 | 100.0 | 120.0 | |
| 24 Isopropyl alcohol | 45 | 2.881 | 2.887 | -0.006 | 99 | 36678 | 200.0 | 181.4 | |
| 23 Iodomethane | 142 | 2.899 | 2.904 | -0.005 | 98 | 72087 | 20.0 | 15.6 | |
| 25 Carbon disulfide | 76 | 2.940 | 2.940 | 0.000 | 98 | 221260 | 20.0 | 13.4 | |
| 161 3-Chloro-1-propene | 76 | 3.046 | 3.046 | 0.000 | 93 | 55828 | 20.0 | 19.0 | |
| 27 Methyl acetate | 43 | 3.046 | 3.051 | -0.005 | 97 | 94746 | 40.0 | 33.0 | |
| 166 Cyclopentene | 67 | 3.075 | 3.069 | 0.006 | 97 | 158264 | 20.0 | 15.8 | |
| 29 Acetonitrile | 41 | 3.116 | 3.110 | 0.006 | 98 | 90393 | 200.0 | 150.9 | |
| * 30 TBA-d9 (IS) | 65 | 3.134 | 3.134 | 0.000 | 0 | 263421 | 1000.0 | 1000.0 | |
| 31 Methylene Chloride | 84 | 3.169 | 3.169 | 0.000 | 88 | 95886 | 20.0 | 19.2 | |
| 32 2-Methyl-2-propanol | 59 | 3.199 | 3.198 | 0.001 | 98 | 63334 | 200.0 | 229.8 | |
| 33 Methyl tert-butyl ether | 73 | 3.316 | 3.316 | 0.000 | 96 | 220342 | 20.0 | 20.7 | |
| 34 trans-1,2-Dichloroethene | 96 | 3.351 | 3.351 | 0.000 | 92 | 88001 | 20.0 | 20.1 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Acrylonitrile | 53 | 3.416 | 3.422 | -0.006 | 94 | 259531 | 200.0 | 185.5 | |
| 36 Hexane | 43 | 3.493 | 3.498 | -0.005 | 88 | 43983 | 20.0 | 10.1 | |
| 37 Isopropyl ether | 45 | 3.687 | 3.693 | -0.006 | 98 | 240776 | 20.0 | 16.0 | |
| 39 Vinyl acetate | 86 | 3.746 | 3.745 | 0.001 | 99 | 36917 | 40.0 | 46.7 | |
| 38 1,1-Dichloroethane | 63 | 3.746 | 3.745 | 0.001 | 68 | 153362 | 20.0 | 17.9 | |
| 40 2-Chloro-1,3-butadiene | 88 | 3.793 | 3.793 | 0.000 | 88 | 80935 | 20.0 | 20.2 | |
| 41 Tert-butyl ethyl ether | 59 | 4.010 | 4.010 | 0.000 | 89 | 243746 | 20.0 | 18.9 | |
| * 42 2-Butanone-d5 | 46 | 4.222 | 4.222 | 0.000 | 0 | 301840 | 250.0 | 250.0 | |
| 43 2,2-Dichloropropane | 97 | 4.240 | 4.245 | -0.005 | 94 | 32551 | 20.0 | 23.0 | |
| 44 cis-1,2-Dichloroethene | 96 | 4.269 | 4.269 | 0.000 | 99 | 102876 | 20.0 | 21.2 | |
| 46 Ethyl acetate | 70 | 4.269 | 4.269 | 0.000 | 94 | 16478 | 40.0 | 53.0 | |
| 45 2-Butanone (MEK) | 72 | 4.281 | 4.281 | 0.000 | 98 | 44411 | 100.0 | 150.6 | |
| 47 Methyl acrylate | 55 | 4.334 | 4.334 | 0.000 | 99 | 62446 | 20.0 | 19.5 | |
| 48 Propionitrile | 54 | 4.416 | 4.422 | -0.006 | 99 | 96925 | 200.0 | 183.3 | |
| 50 Chlorobromomethane | 128 | 4.504 | 4.504 | 0.000 | 80 | 44469 | 20.0 | 22.7 | |
| 49 Tetrahydrofuran | 42 | 4.275 | 4.516 | -0.241 | 31 | 15484 | 40.0 | 14.2 | |
| 51 Methacrylonitrile | 67 | 4.528 | 4.528 | 0.000 | 86 | 337204 | 200.0 | 221.9 | |
| 52 Chloroform | 83 | 4.551 | 4.545 | 0.006 | 98 | 154916 | 20.0 | 20.7 | |
| 53 Cyclohexane | 56 | 4.698 | 4.698 | 0.000 | 87 | 114570 | 20.0 | 14.3 | |
| 54 1,1,1-Trichloroethane | 97 | 4.710 | 4.704 | 0.006 | 96 | 117968 | 20.0 | 20.2 | |
| $ 55 Dibromofluoromethane (Surr) | 113 | 4.716 | 4.716 | 0.000 | 95 | 183249 | 50.0 | 45.2 | |
| 56 Carbon tetrachloride | 117 | 4.834 | 4.840 | -0.006 | 96 | 97211 | 20.0 | 20.0 | |
| 57 1,1-Dichloropropene | 75 | 4.869 | 4.869 | 0.000 | 99 | 113781 | 20.0 | 18.8 | |
| 58 Isobutyl alcohol | 43 | 4.963 | 4.963 | 0.000 | 93 | 60063 | 500.0 | 467.1 | |
| 59 Isooctane | 57 | 5.034 | 5.034 | 0.000 | 98 | 172845 | 20.0 | 12.9 | |
| 60 Benzene | 78 | 5.081 | 5.081 | 0.000 | 95 | 364858 | 20.0 | 19.9 | |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 65 | 5.093 | 5.098 | -0.005 | 0 | 177833 | 50.0 | 38.6 | |
| 62 Isopropyl acetate | 61 | 5.110 | 5.116 | -0.006 | 97 | 33775 | 20.0 | 20.6 | |
| 63 Tert-amyl methyl ether | 87 | 5.128 | 5.128 | 0.000 | 97 | 72081 | 20.0 | 23.5 | |
| 64 1,2-Dichloroethane | 62 | 5.175 | 5.175 | 0.000 | 96 | 95084 | 20.0 | 18.5 | |
| 65 n-Heptane | 71 | 5.228 | 5.222 | 0.006 | 85 | 46463 | 20.0 | 14.2 | |
| * 66 Fluorobenzene | 96 | 5.387 | 5.387 | 0.000 | 99 | 796934 | 50.0 | 50.0 | |
| 67 n-Butanol | 56 | 5.693 | 5.687 | 0.006 | 82 | 42225 | 500.0 | 550.8 | |
| 68 Trichloroethene | 95 | 5.763 | 5.769 | -0.006 | 98 | 90783 | 20.0 | 20.7 | |
| 69 Ethyl acrylate | 99 | 5.887 | 5.892 | -0.005 | 94 | 11825 | 20.0 | 21.2 | |
| 70 Methylcyclohexane | 83 | 5.910 | 5.910 | 0.000 | 86 | 117896 | 20.0 | 17.5 | |
| 71 1,2-Dichloropropane | 63 | 6.092 | 6.092 | 0.000 | 95 | 91847 | 20.0 | 18.2 | |
| * 73 1,4-Dioxane-d8 | 96 | 6.163 | 6.157 | 0.006 | 0 | 37555 | 1000.0 | 1000.0 | |
| 72 Methyl methacrylate | 69 | 6.157 | 6.163 | -0.006 | 82 | 108077 | 40.0 | 44.8 | |
| 74 n-Propyl acetate | 43 | 6.222 | 6.216 | 0.006 | 96 | 87539 | 20.0 | 17.5 | |
| 75 1,4-Dioxane | 88 | 6.216 | 6.222 | -0.006 | 31 | 19455 | 400.0 | 475.2 | |
| 76 Dibromomethane | 93 | 6.234 | 6.234 | 0.000 | 96 | 53029 | 20.0 | 21.9 | |
| 77 Dichlorobromomethane | 83 | 6.398 | 6.392 | 0.006 | 99 | 116917 | 20.0 | 21.4 | |
| 79 2-Nitropropane | 41 | 6.781 | 6.781 | 0.000 | 95 | 28112 | 40.0 | 33.4 | |
| 80 Epichlorohydrin | 57 | 6.898 | 6.898 | 0.000 | 98 | 112260 | 400.0 | 576.3 | |
| 81 cis-1,3-Dichloropropene | 75 | 6.963 | 6.957 | 0.006 | 88 | 150575 | 20.0 | 21.2 | |
| 82 4-Methyl-2-pentanone (MIBK) | 43 | 7.145 | 7.145 | 0.000 | 93 | 280507 | 100.0 | 123.7 | |
| $ 83 Toluene-d8 (Surr) | 98 | 7.245 | 7.245 | 0.000 | 100 | 760646 | 50.0 | 46.3 | |
| 84 Toluene | 91 | 7.334 | 7.333 | 0.001 | 93 | 387079 | 20.0 | 20.8 | |
| 86 trans-1,3-Dichloropropene | 75 | 7.734 | 7.733 | 0.001 | 97 | 127399 | 20.0 | 21.6 | |
| 85 Ethyl methacrylate | 69 | 7.763 | 7.763 | 0.000 | 85 | 97616 | 20.0 | 21.0 | |
| 87 1,1,2-Trichloroethane | 83 | 8.004 | 8.004 | 0.000 | 98 | 70070 | 20.0 | 21.9 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Tetrachloroethene | 166 | 8.051 | 8.057 | -0.006 | 97 | 83538 | 20.0 | 22.0 | |
| 89 1,3-Dichloropropane | 76 | 8.275 | 8.275 | 0.000 | 88 | 134054 | 20.0 | 21.6 | |
| 90 2-Hexanone | 58 | 8.357 | 8.357 | 0.000 | 92 | 121462 | 100.0 | 142.7 | |
| 91 n-Butyl acetate | 73 | 8.510 | 8.516 | -0.006 | 97 | 19470 | 20.0 | 23.9 | |
| 92 Chlorodibromomethane | 129 | 8.581 | 8.580 | 0.001 | 98 | 87784 | 20.0 | 25.0 | |
| 93 Ethylene Dibromide | 107 | 8.775 | 8.780 | -0.005 | 97 | 77275 | 20.0 | 24.1 | |
| * 94 Chlorobenzene-d5 | 117 | 9.328 | 9.327 | 0.001 | 84 | 580049 | 50.0 | 50.0 | |
| 95 Chlorobenzene | 112 | 9.357 | 9.357 | 0.000 | 96 | 244578 | 20.0 | 22.8 | |
| 96 Ethylbenzene | 106 | 9.445 | 9.445 | 0.000 | 98 | 129055 | 20.0 | 23.0 | |
| 97 1,1,1,2-Tetrachloroethane | 131 | 9.457 | 9.457 | 0.000 | 98 | 82827 | 20.0 | 23.9 | |
| 98 m-Xylene & p-Xylene | 106 | 9.575 | 9.574 | 0.001 | 0 | 162329 | 20.0 | 23.2 | |
| 99 n-Butyl acrylate | 73 | 9.939 | 9.939 | 0.000 | 98 | 57662 | 20.0 | 23.8 | |
| 100 o-Xylene | 106 | 9.957 | 9.957 | 0.000 | 94 | 157484 | 20.0 | 23.6 | |
| 101 Styrene | 104 | 9.980 | 9.980 | 0.000 | 97 | 266679 | 20.0 | 23.8 | |
| 102 Amyl acetate (mixed isomers) | 43 | 10.139 | 10.139 | 0.000 | 92 | 106222 | 20.0 | 19.0 | |
| 103 Bromoform | 173 | 10.163 | 10.163 | 0.000 | 95 | 52168 | 20.0 | 25.4 | |
| 104 Isopropylbenzene | 105 | 10.257 | 10.257 | 0.000 | 95 | 358703 | 20.0 | 23.1 | |
| $ 105 4-Bromofluorobenzene | 174 | 10.422 | 10.422 | 0.000 | 88 | 229071 | 50.0 | 54.0 | |
| 107 Bromobenzene | 156 | 10.527 | 10.527 | 0.000 | 99 | 94412 | 20.0 | 21.7 | |
| 106 1,1,2,2-Tetrachloroethane | 83 | 10.557 | 10.557 | 0.000 | 99 | 100790 | 20.0 | 23.2 | |
| 108 N-Propylbenzene | 91 | 10.580 | 10.580 | 0.000 | 99 | 485125 | 20.0 | 20.9 | |
| 110 1,2,3-Trichloropropane | 110 | 10.598 | 10.598 | 0.000 | 95 | 27121 | 20.0 | 25.0 | |
| 109 trans-1,4-Dichloro-2-butene | 53 | 10.610 | 10.610 | 0.000 | 90 | 22282 | 20.0 | 18.8 | |
| 112 2-Chlorotoluene | 91 | 10.663 | 10.663 | 0.000 | 92 | 328573 | 20.0 | 21.3 | |
| 169 4-Ethyltoluene | 105 | 10.663 | 10.663 | 0.000 | 90 | 408331 | 20.0 | 23.3 | |
| 113 1,3,5-Trimethylbenzene | 105 | 10.710 | 10.710 | 0.000 | 94 | 320078 | 20.0 | 21.8 | |
| 115 4-Chlorotoluene | 91 | 10.751 | 10.751 | 0.000 | 97 | 299739 | 20.0 | 21.4 | |
| 114 Butyl Methacrylate | 87 | 10.780 | 10.780 | 0.000 | 86 | 114140 | 20.0 | 25.0 | |
| 116 tert-Butylbenzene | 119 | 10.927 | 10.933 | -0.006 | 95 | 277038 | 20.0 | 22.7 | |
| 117 1,2,4-Trimethylbenzene | 105 | 10.975 | 10.974 | 0.001 | 97 | 334468 | 20.0 | 22.8 | |
| 118 sec-Butylbenzene | 134 | 11.075 | 11.074 | 0.000 | 100 | 82478 | 20.0 | 23.3 | |
| 119 4-Isopropyltoluene | 119 | 11.169 | 11.169 | 0.001 | 98 | 354216 | 20.0 | 22.9 | |
| 120 1,3-Dichlorobenzene | 146 | 11.180 | 11.180 | 0.000 | 95 | 187644 | 20.0 | 23.1 | |
| * 121 1,4-Dichlorobenzene-d4 | 152 | 11.227 | 11.227 | 0.000 | 93 | 295569 | 50.0 | 50.0 | |
| 122 1,4-Dichlorobenzene | 146 | 11.245 | 11.245 | 0.000 | 95 | 197698 | 20.0 | 23.6 | |
| 123 1,2,3-Trimethylbenzene | 105 | 11.257 | 11.257 | 0.000 | 97 | 349114 | 20.0 | 22.7 | |
| 124 Benzyl chloride | 91 | 11.345 | 11.345 | 0.000 | 99 | 170550 | 20.0 | 24.6 | |
| 162 2,3-Dihydroindene | 117 | 11.392 | 11.392 | 0.000 | 94 | 355285 | 20.0 | 23.9 | |
| 164 p-Diethylbenzene | 119 | 11.422 | 11.421 | 0.001 | 93 | 221442 | 20.0 | 22.9 | |
| 127 n-Butylbenzene | 92 | 11.439 | 11.439 | 0.000 | 97 | 190273 | 20.0 | 21.7 | |
| 128 1,2-Dichlorobenzene | 146 | 11.498 | 11.504 | -0.006 | 96 | 178590 | 20.0 | 23.7 | |
| 163 1,2,4,5-Tetramethylbenzene | 119 | 11.974 | 11.974 | 0.000 | 97 | 313323 | 20.0 | 23.5 | |
| 130 1,2-Dibromo-3-Chloropropane | 157 | 12.074 | 12.074 | 0.000 | 97 | 16472 | 20.0 | 24.9 | |
| 131 1,3,5-Trichlorobenzene | 180 | 12.180 | 12.180 | 0.000 | 97 | 121120 | 20.0 | 21.4 | |
| 132 1,2,4-Trichlorobenzene | 180 | 12.710 | 12.715 | -0.005 | 94 | 108340 | 20.0 | 22.3 | |
| 133 Hexachlorobutadiene | 225 | 12.798 | 12.804 | -0.006 | 91 | 39208 | 20.0 | 18.6 | |
| 134 Naphthalene | 128 | 12.957 | 12.957 | 0.000 | 100 | 271076 | 20.0 | 26.6 | |
| 135 1,2,3-Trichlorobenzene | 180 | 13.186 | 13.186 | 0.000 | 96 | 103728 | 20.0 | 24.1 | |
| S 136 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 41.3 | |
| S 137 Xylenes, Total | 100 | | | | 0 | | 40.0 | 46.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | | |
|---|---|---|---|---|
| GASES Li_00625 | Amount Added: | 20.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 20.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 20.00 | Units: uL | |
| ACROLEIN W_00179 | Amount Added: | 4.00 | Units: uL | |
| 8260ISNEW_00208 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

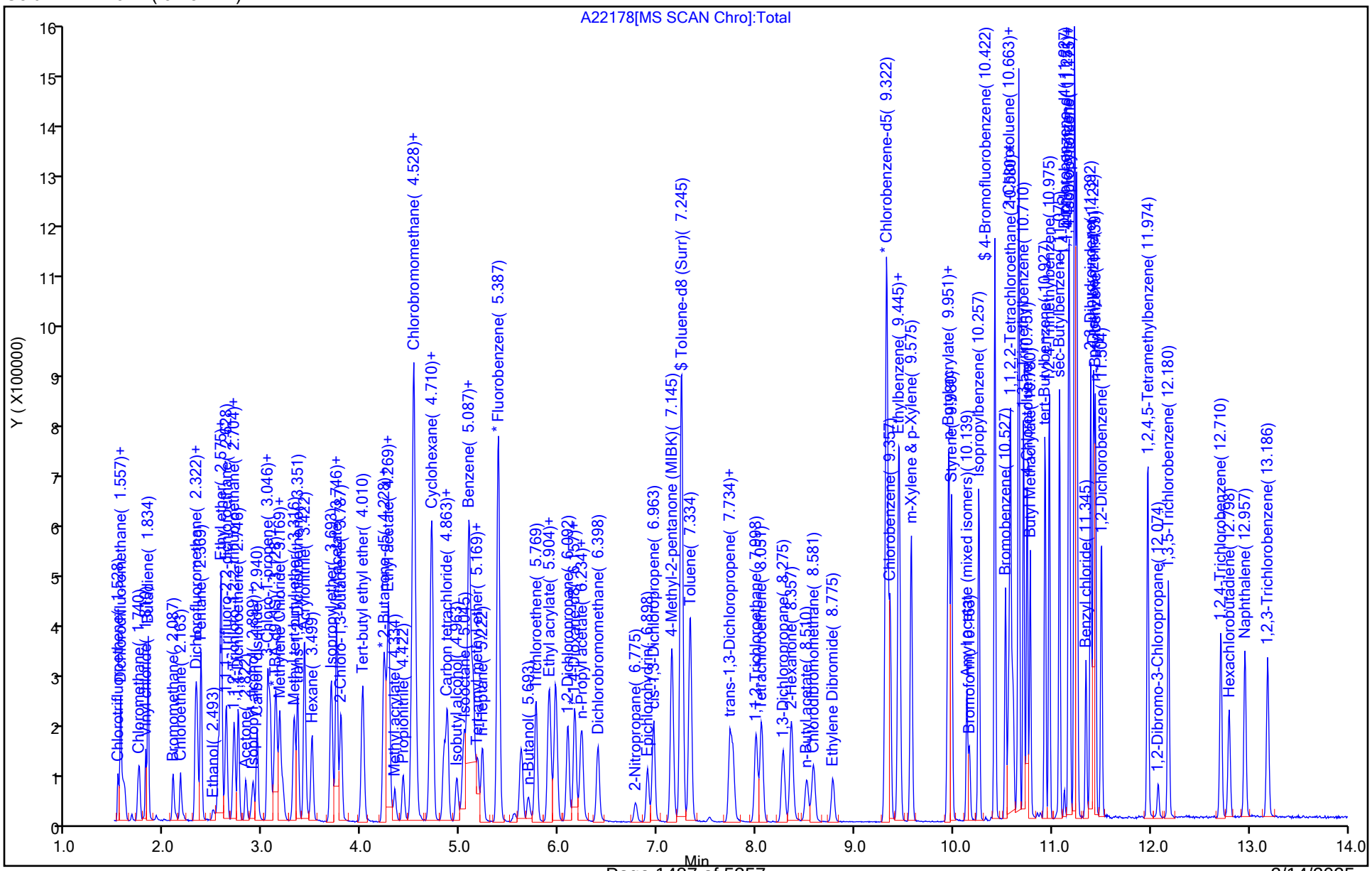
Report Date: 11-Feb-2025 07:54:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22178.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 21:47:30 | Instrument ID: | CVOAMS1 | Operator ID: | |
| Lims ID: | LCSD | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 5.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | 8260624W_1 | Limit Group: | VOA - 8260D Water and Solid | | |

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\A22178.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Feb-2025 21:47:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS1

Method: \\chromfs\Edison\ChromData\CVOAMS1\20250210-186732.b\8260624W_1.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 05:51:13 Calib Date: 22-Oct-2024 05:47:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS1\20241022-182449.b\A18538.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1623

First Level Reviewer: HVW2 Date: 11-Feb-2025 02:42:39

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 55 Dibromofluoromethane (Surr) | 50.0 | 45.2 | 90.40 |
| $ 61 1,2-Dichloroethane-d4 (Surr) | 50.0 | 38.6 | 77.14 |
| $ 83 Toluene-d8 (Surr) | 50.0 | 46.3 | 92.60 |
| $ 105 4-Bromofluorobenzene | 50.0 | 54.0 | 107.94 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020626/4

Matrix: Solid | Lab File ID: D24941.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 05:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.0201 | | 0.0010 | 0.00023 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.0204 | | 0.0010 | 0.00021 |
| 76-13-1 | 1,1,2-Trichloro-1,2,2-trifluoroethane | 0.0220 | | 0.0010 | 0.00030 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.0206 | | 0.0010 | 0.00018 |
| 75-34-3 | 1,1-Dichloroethane | 0.0199 | | 0.0010 | 0.00021 |
| 75-35-4 | 1,1-Dichloroethene | 0.0210 | | 0.0010 | 0.00023 |
| 87-61-6 | 1,2,3-Trichlorobenzene | 0.0196 | | 0.0010 | 0.00018 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.0185 | | 0.0010 | 0.00036 |
| 96-12-8 | 1,2-Dibromo-3-Chloropropane | 0.0195 | | 0.0010 | 0.00046 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.0194 | | 0.0010 | 0.00036 |
| 107-06-2 | 1,2-Dichloroethane | 0.0189 | | 0.0010 | 0.00030 |
| 78-87-5 | 1,2-Dichloropropane | 0.0197 | | 0.0010 | 0.00042 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.0196 | | 0.0010 | 0.00037 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.0192 | | 0.0010 | 0.00023 |
| 78-93-3 | 2-Butanone (MEK) | 0.0970 | | 0.0050 | 0.00037 |
| 591-78-6 | 2-Hexanone | 0.0956 | | 0.0050 | 0.0017 |
| 108-10-1 | 4-Methyl-2-pentanone (MIBK) | 0.0981 | | 0.0050 | 0.0016 |
| 67-64-1 | Acetone | 0.0895 | | 0.0060 | 0.0057 |
| 71-43-2 | Benzene | 0.0200 | | 0.0010 | 0.00026 |
| 75-25-2 | Bromoform | 0.0195 | | 0.0010 | 0.00043 |
| 74-83-9 | Bromomethane | 0.0399 | | 0.0020 | 0.0010 |
| 75-15-0 | Carbon disulfide | 0.0197 | | 0.0010 | 0.00027 |
| 56-23-5 | Carbon tetrachloride | 0.0198 | | 0.0010 | 0.00039 |
| 108-90-7 | Chlorobenzene | 0.0197 | | 0.0010 | 0.00018 |
| 74-97-5 | Chlorobromomethane | 0.0205 | | 0.0010 | 0.00028 |
| 124-48-1 | Chlorodibromomethane | 0.0195 | | 0.0010 | 0.00019 |
| 75-00-3 | Chloroethane | 0.0202 | | 0.0010 | 0.00052 |
| 67-66-3 | Chloroform | 0.0201 | | 0.0010 | 0.00097 |
| 74-87-3 | Chloromethane | 0.0190 | | 0.0010 | 0.00044 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.0204 | | 0.0010 | 0.00036 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.0187 | | 0.0010 | 0.00027 |
| 110-82-7 | Cyclohexane | 0.0212 | | 0.0010 | 0.00022 |

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020626/4

Matrix: Solid | Lab File ID: D24941.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 02/11/2025 05:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) Y pH:

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

Analysis Batch No.: 1020626 | Units: mg/Kg

Preparation Batch No.: | Instrument ID: CVOAMS4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 75-27-4 | Dichlorobromomethane | 0.0198 | | 0.0010 | 0.00026 |
| 75-71-8 | Dichlorodifluoromethane | 0.0207 | | 0.0010 | 0.00034 |
| 100-41-4 | Ethylbenzene | 0.0196 | | 0.0010 | 0.00020 |
| 106-93-4 | Ethylene Dibromide | 0.0196 | | 0.0010 | 0.00018 |
| 98-82-8 | Isopropylbenzene | 0.0196 | | 0.0010 | 0.00029 |
| 79-20-9 | Methyl acetate | 0.0416 | | 0.0050 | 0.0043 |
| 1634-04-4 | Methyl tert-butyl ether | 0.0204 | | 0.0010 | 0.00051 |
| 108-87-2 | Methylcyclohexane | 0.0212 | | 0.0010 | 0.00050 |
| 75-09-2 | Methylene Chloride | 0.0190 | | 0.0020 | 0.0011 |
| 179601-23-1 | m-Xylene & p-Xylene | 0.0192 | | 0.0010 | 0.00017 |
| 95-47-6 | o-Xylene | 0.0196 | | 0.0010 | 0.00019 |
| 100-42-5 | Styrene | 0.0193 | | 0.0010 | 0.00028 |
| 127-18-4 | Tetrachloroethene | 0.0199 | | 0.0010 | 0.00031 |
| 108-88-3 | Toluene | 0.0201 | | 0.0010 | 0.00023 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.0204 | | 0.0010 | 0.00025 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.0179 | | 0.0010 | 0.00027 |
| 79-01-6 | Trichloroethene | 0.0203 | | 0.0010 | 0.00032 |
| 75-69-4 | Trichlorofluoromethane | 0.0210 | | 0.0010 | 0.00041 |
| 75-01-4 | Vinyl chloride | 0.0203 | | 0.0010 | 0.00055 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 17060-07-0 | 1,2-Dichloroethane-d4 (Surr) | 102 | | 65-138 |
| 460-00-4 | 4-Bromofluorobenzene | 110 | | 71-128 |
| 1868-53-7 | Dibromofluoromethane (Surr) | 104 | | 50-150 |
| 2037-26-5 | Toluene-d8 (Surr) | 101 | | 71-126 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24941.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 11-Feb-2025 05:23:30 ALS Bottle#: 34 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:23:21 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:35:09

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Chlorotrifluoroethene | 116 | 1.327 | 1.327 | 0.000 | 88 | 21662 | 20.0 | 13.3 | |
| 2 Dichlorodifluoromethane | 85 | 1.356 | 1.356 | 0.000 | 99 | 151655 | 20.0 | 20.7 | |
| 3 Chlorodifluoromethane | 51 | 1.392 | 1.392 | 0.000 | 97 | 178167 | 20.0 | 18.3 | |
| 4 Chloromethane | 50 | 1.571 | 1.571 | 0.000 | 99 | 131311 | 20.0 | 19.0 | |
| 5 Vinyl chloride | 62 | 1.643 | 1.643 | 0.000 | 98 | 112245 | 20.0 | 20.3 | |
| 6 Butadiene | 54 | 1.671 | 1.671 | 0.000 | 96 | 111530 | 20.0 | 20.2 | |
| 7 Bromomethane | 94 | 1.958 | 1.958 | 0.000 | 99 | 52480 | 20.0 | 39.9 | |
| 8 Chloroethane | 64 | 2.065 | 2.058 | 0.007 | 99 | 70186 | 20.0 | 20.2 | |
| 9 Trichlorofluoromethane | 101 | 2.273 | 2.273 | 0.000 | 99 | 127143 | 20.0 | 21.0 | |
| 10 Dichlorofluoromethane | 67 | 2.273 | 2.273 | 0.000 | 99 | 182470 | 20.0 | 20.0 | |
| 11 Pentane | 72 | 2.330 | 2.330 | 0.000 | 96 | 38124 | 40.0 | 41.7 | |
| 12 Ethanol | 46 | 2.531 | 2.531 | 0.000 | 96 | 17023 | 800.0 | 686.3 | |
| 13 Ethyl ether | 59 | 2.559 | 2.559 | 0.000 | 94 | 73128 | 20.0 | 19.9 | |
| 14 2-Methyl-1,3-butadiene | 53 | 2.574 | 2.574 | 0.000 | 97 | 90381 | 20.0 | 21.2 | |
| 15 1,2-Dichloro-1,1,2-trifluoroetha | 117 | 2.624 | 2.624 | 0.000 | 88 | 68769 | 20.0 | 20.6 | |
| 16 1,1,1-Trifluoro-2,2-dichloroetha | 83 | 2.696 | 2.696 | 0.000 | 96 | 132270 | 20.0 | 20.5 | |
| 17 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 2.753 | 2.753 | 0.000 | 88 | 91246 | 20.0 | 22.0 | |
| 18 Acrolein | 56 | 2.753 | 2.753 | 0.000 | 96 | 170977 | 300.0 | 337.6 | |
| 19 1,1-Dichloroethene | 96 | 2.782 | 2.782 | 0.000 | 97 | 88101 | 20.0 | 21.0 | |
| 20 Acetone | 43 | 2.896 | 2.896 | 0.000 | 88 | 90841 | 100.0 | 89.5 | |
| 21 Iodomethane | 142 | 2.946 | 2.946 | 0.000 | 98 | 100786 | 20.0 | 21.5 | |
| 22 Carbon disulfide | 76 | 2.975 | 2.975 | 0.000 | 99 | 318135 | 20.0 | 19.7 | |
| 23 Isopropyl alcohol | 45 | 3.025 | 3.025 | 0.000 | 99 | 53133 | 200.0 | 185.4 | |
| 24 3-Chloro-1-propene | 76 | 3.161 | 3.161 | 0.000 | 90 | 56428 | 20.0 | 20.3 | |
| 25 Cyclopentene | 67 | 3.176 | 3.176 | 0.000 | 94 | 208432 | 20.0 | 19.0 | |
| 26 Methyl acetate | 43 | 3.190 | 3.190 | 0.000 | 99 | 103669 | 40.0 | 41.6 | |
| 27 Acetonitrile | 40 | 3.240 | 3.240 | 0.000 | 100 | 44373 | 200.0 | 190.3 | |
| 28 Methylene Chloride | 84 | 3.312 | 3.312 | 0.000 | 92 | 96788 | 20.0 | 19.0 | |
| * 29 TBA-d9 (IS) | 65 | 3.326 | 3.326 | 0.000 | 0 | 375357 | 1000.0 | 1000.0 | |
| 30 2-Methyl-2-propanol | 59 | 3.412 | 3.412 | 0.000 | 99 | 87731 | 200.0 | 188.9 | |
| 31 Methyl tert-butyl ether | 73 | 3.505 | 3.505 | 0.000 | 97 | 232378 | 20.0 | 20.4 | |
| 32 trans-1,2-Dichloroethene | 96 | 3.534 | 3.534 | 0.000 | 96 | 94399 | 20.0 | 20.4 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 Acrylonitrile | 53 | 3.627 | 3.627 | 0.000 | 95 | 256396 | 200.0 | 197.5 | |
| 34 Hexane | 57 | 3.727 | 3.727 | 0.000 | 92 | 160510 | 20.0 | 20.8 | |
| 35 Isopropyl ether | 45 | 3.992 | 3.992 | 0.000 | 97 | 277598 | 20.0 | 19.8 | |
| 36 1,1-Dichloroethane | 63 | 4.014 | 4.006 | 0.008 | 99 | 169805 | 20.0 | 19.9 | |
| 37 Vinyl acetate | 86 | 4.049 | 4.049 | 0.000 | 100 | 30483 | 40.0 | 37.6 | |
| 38 2-Chloro-1,3-butadiene | 88 | 4.064 | 4.064 | 0.000 | 90 | 86274 | 20.0 | 20.9 | |
| 39 Tert-butyl ethyl ether | 59 | 4.372 | 4.372 | 0.000 | 89 | 266404 | 20.0 | 19.9 | |
| 40 2,2-Dichloropropane | 79 | 4.601 | 4.601 | 0.000 | 96 | 38994 | 20.0 | 17.7 | a |
| * 41 2-Butanone-d5 | 46 | 4.601 | 4.601 | 0.000 | 92 | 354632 | 250.0 | 250.0 | |
| 42 cis-1,2-Dichloroethene | 96 | 4.637 | 4.637 | 0.000 | 98 | 99312 | 20.0 | 20.4 | |
| 43 2-Butanone (MEK) | 72 | 4.673 | 4.673 | 0.000 | 100 | 43278 | 100.0 | 97.0 | |
| 44 Ethyl acetate | 70 | 4.694 | 4.694 | 0.000 | 99 | 17320 | 40.0 | 40.5 | |
| 45 Methyl acrylate | 55 | 4.744 | 4.744 | 0.000 | 100 | 65939 | 20.0 | 21.2 | |
| 46 Propionitrile | 54 | 4.830 | 4.830 | 0.000 | 98 | 100417 | 200.0 | 197.3 | |
| 47 Tetrahydrofuran | 72 | 4.909 | 4.902 | 0.007 | 92 | 18806 | 40.0 | 37.6 | |
| 48 Chlorobromomethane | 128 | 4.909 | 4.909 | 0.000 | 91 | 39516 | 20.0 | 20.5 | |
| 49 Methacrylonitrile | 67 | 4.952 | 4.952 | 0.000 | 91 | 309585 | 200.0 | 211.7 | |
| 50 Chloroform | 83 | 4.988 | 4.988 | 0.000 | 99 | 152478 | 20.0 | 20.1 | |
| 51 Cyclohexane | 84 | 5.117 | 5.117 | 0.000 | 91 | 141890 | 20.0 | 21.2 | |
| 52 1,1,1-Trichloroethane | 97 | 5.138 | 5.138 | 0.000 | 99 | 126161 | 20.0 | 20.1 | |
| $ 53 Dibromofluoromethane (Surr) | 113 | 5.174 | 5.174 | 0.000 | 96 | 183388 | 50.0 | 52.0 | |
| 54 Carbon tetrachloride | 117 | 5.281 | 5.281 | 0.000 | 98 | 104568 | 20.0 | 19.8 | |
| 55 1,1-Dichloropropene | 75 | 5.332 | 5.332 | 0.000 | 98 | 130365 | 20.0 | 19.5 | |
| 56 Isobutyl alcohol | 43 | 5.539 | 5.532 | 0.007 | 92 | 153592 | 500.0 | 464.6 | |
| 137 Isooctane | 57 | 5.546 | 5.546 | 0.000 | 93 | 410304 | 20.0 | 21.8 | |
| 57 Benzene | 78 | 5.568 | 5.568 | 0.000 | 97 | 367234 | 20.0 | 20.0 | |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 65 | 5.597 | 5.597 | 0.000 | 98 | 187339 | 50.0 | 51.0 | |
| 59 Tert-amyl methyl ether | 87 | 5.668 | 5.668 | 0.000 | 94 | 71323 | 20.0 | 19.9 | |
| 60 Isopropyl acetate | 61 | 5.683 | 5.683 | 0.000 | 99 | 42178 | 20.0 | 20.1 | |
| 61 1,2-Dichloroethane | 62 | 5.690 | 5.690 | 0.000 | 97 | 100115 | 20.0 | 18.9 | |
| 62 n-Heptane | 43 | 5.783 | 5.783 | 0.000 | 92 | 163192 | 20.0 | 20.4 | |
| * 63 Fluorobenzene | 96 | 5.926 | 5.926 | 0.000 | 98 | 735786 | 50.0 | 50.0 | |
| 64 n-Butanol | 56 | 6.356 | 6.356 | 0.000 | 87 | 59221 | 500.0 | 462.3 | |
| 65 Trichloroethene | 95 | 6.363 | 6.363 | 0.000 | 97 | 93594 | 20.0 | 20.3 | |
| 66 Methylcyclohexane | 83 | 6.499 | 6.499 | 0.000 | 97 | 176075 | 20.0 | 21.2 | |
| 67 Ethyl acrylate | 55 | 6.549 | 6.549 | 0.000 | 99 | 109277 | 20.0 | 20.2 | |
| 68 1,2-Dichloropropane | 63 | 6.714 | 6.714 | 0.000 | 93 | 93740 | 20.0 | 19.7 | |
| * 69 1,4-Dioxane-d8 | 96 | 6.793 | 6.793 | 0.000 | 0 | 32543 | 1000.0 | 1000.0 | |
| 70 Methyl methacrylate | 100 | 6.843 | 6.843 | 0.000 | 89 | 40045 | 40.0 | 41.4 | |
| 71 1,4-Dioxane | 88 | 6.857 | 6.857 | 0.000 | 82 | 16938 | 400.0 | 354.9 | |
| 72 Dibromomethane | 93 | 6.864 | 6.864 | 0.000 | 92 | 49478 | 20.0 | 19.6 | |
| 73 n-Propyl acetate | 43 | 6.915 | 6.915 | 0.000 | 98 | 103057 | 20.0 | 19.4 | |
| 74 Dichlorobromomethane | 83 | 7.044 | 7.044 | 0.000 | 99 | 109983 | 20.0 | 19.8 | |
| 75 2-Nitropropane | 41 | 7.402 | 7.402 | 0.000 | 97 | 34830 | 40.0 | 33.0 | |
| 76 2-Chloroethyl vinyl ether | 63 | 7.416 | 7.416 | 0.000 | 95 | 50931 | 20.0 | 20.2 | |
| 77 Epichlorohydrin | 57 | 7.502 | 7.502 | 0.000 | 98 | 132935 | 400.0 | 386.7 | |
| 78 cis-1,3-Dichloropropene | 75 | 7.552 | 7.552 | 0.000 | 91 | 140774 | 20.0 | 18.7 | |
| 79 4-Methyl-2-pentanone (MIBK) | 43 | 7.717 | 7.717 | 0.000 | 96 | 343316 | 100.0 | 98.1 | |
| $ 80 Toluene-d8 (Surr) | 98 | 7.774 | 7.774 | 0.000 | 99 | 746668 | 50.0 | 50.3 | |
| 81 Toluene | 91 | 7.846 | 7.846 | 0.000 | 93 | 381344 | 20.0 | 20.1 | |
| 82 trans-1,3-Dichloropropene | 75 | 8.154 | 8.154 | 0.000 | 96 | 116771 | 20.0 | 17.9 | |
| 83 Ethyl methacrylate | 69 | 8.182 | 8.182 | 0.000 | 88 | 105332 | 20.0 | 20.0 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 84 1,1,2-Trichloroethane | 83 | 8.319 | 8.319 | 0.000 | 97 | 63435 | 20.0 | 20.6 | |
| 85 Tetrachloroethene | 166 | 8.347 | 8.347 | 0.000 | 94 | 78031 | 20.0 | 19.9 | |
| 86 1,3-Dichloropropane | 76 | 8.483 | 8.483 | 0.000 | 92 | 123237 | 20.0 | 20.0 | |
| 87 2-Hexanone | 43 | 8.533 | 8.533 | 0.000 | 95 | 238773 | 100.0 | 95.6 | |
| 88 n-Butyl acetate | 73 | 8.619 | 8.627 | -0.008 | 99 | 21378 | 20.0 | 20.1 | |
| 89 Chlorodibromomethane | 129 | 8.655 | 8.655 | 0.000 | 98 | 74669 | 20.0 | 19.5 | |
| 90 Ethylene Dibromide | 107 | 8.763 | 8.763 | 0.000 | 97 | 69187 | 20.0 | 19.6 | |
| * 91 Chlorobenzene-d5 | 117 | 9.142 | 9.142 | 0.000 | 89 | 501795 | 50.0 | 50.0 | |
| 92 Chlorobenzene | 112 | 9.171 | 9.171 | 0.000 | 93 | 221764 | 20.0 | 19.7 | |
| 93 Ethylbenzene | 106 | 9.235 | 9.235 | 0.000 | 99 | 124399 | 20.0 | 19.6 | |
| 94 1,1,1,2-Tetrachloroethane | 131 | 9.250 | 9.250 | 0.000 | 98 | 73219 | 20.0 | 20.2 | |
| 95 m-Xylene & p-Xylene | 106 | 9.336 | 9.336 | 0.000 | 0 | 154125 | 20.0 | 19.2 | |
| 96 n-Butyl acrylate | 73 | 9.644 | 9.644 | 0.000 | 97 | 62577 | 20.0 | 19.3 | |
| 97 o-Xylene | 106 | 9.665 | 9.665 | 0.000 | 93 | 144692 | 20.0 | 19.6 | |
| 98 Styrene | 104 | 9.694 | 9.694 | 0.000 | 94 | 243565 | 20.0 | 19.3 | |
| 99 Amyl acetate (mixed isomers) | 43 | 9.823 | 9.823 | 0.000 | 91 | 128988 | 20.0 | 19.7 | |
| 100 Bromoform | 173 | 9.866 | 9.866 | 0.000 | 94 | 42278 | 20.0 | 19.5 | |
| 101 Isopropylbenzene | 105 | 9.952 | 9.952 | 0.000 | 96 | 353329 | 20.0 | 19.6 | |
| $ 102 4-Bromofluorobenzene | 174 | 10.109 | 10.109 | 0.000 | 0 | 204795 | 50.0 | 54.8 | |
| 103 Bromobenzene | 156 | 10.224 | 10.224 | 0.000 | 96 | 82064 | 20.0 | 20.6 | |
| 104 1,1,2,2-Tetrachloroethane | 83 | 10.245 | 10.245 | 0.000 | 99 | 93154 | 20.0 | 20.4 | |
| 105 N-Propylbenzene | 91 | 10.267 | 10.267 | 0.000 | 98 | 486693 | 20.0 | 20.5 | |
| 106 1,2,3-Trichloropropane | 110 | 10.288 | 10.288 | 0.000 | 95 | 23516 | 20.0 | 20.1 | |
| 107 trans-1,4-Dichloro-2-butene | 53 | 10.296 | 10.296 | 0.000 | 83 | 26345 | 20.0 | 17.8 | |
| 108 4-Ethyltoluene | 105 | 10.360 | 10.360 | 0.000 | 99 | 379233 | 20.0 | 20.0 | |
| 109 2-Chlorotoluene | 91 | 10.360 | 10.360 | 0.000 | 96 | 318431 | 20.0 | 20.1 | |
| 110 1,3,5-Trimethylbenzene | 105 | 10.410 | 10.403 | 0.007 | 93 | 317473 | 20.0 | 19.9 | |
| 111 4-Chlorotoluene | 91 | 10.446 | 10.446 | 0.000 | 98 | 290297 | 20.0 | 19.4 | |
| 112 Butyl Methacrylate | 87 | 10.467 | 10.467 | 0.000 | 92 | 112399 | 20.0 | 19.8 | |
| 113 tert-Butylbenzene | 119 | 10.647 | 10.639 | 0.008 | 92 | 272648 | 20.0 | 21.0 | |
| 114 1,2,4-Trimethylbenzene | 105 | 10.690 | 10.690 | 0.000 | 98 | 310741 | 20.0 | 19.4 | |
| 115 sec-Butylbenzene | 105 | 10.804 | 10.804 | 0.000 | 99 | 432858 | 20.0 | 20.9 | |
| 116 4-Isopropyltoluene | 119 | 10.912 | 10.912 | 0.000 | 97 | 343115 | 20.0 | 20.4 | |
| 117 1,3-Dichlorobenzene | 146 | 10.926 | 10.926 | 0.000 | 94 | 158044 | 20.0 | 19.6 | |
| * 118 1,4-Dichlorobenzene-d4 | 152 | 10.976 | 10.976 | 0.000 | 98 | 245688 | 50.0 | 50.0 | |
| 119 1,4-Dichlorobenzene | 146 | 10.990 | 10.990 | 0.000 | 93 | 157716 | 20.0 | 19.2 | |
| 120 1,2,3-Trimethylbenzene | 105 | 11.005 | 11.005 | 0.000 | 99 | 331781 | 20.0 | 19.9 | |
| 121 Benzyl chloride | 126 | 11.098 | 11.098 | 0.000 | 98 | 20061 | 20.0 | 11.6 | |
| 122 2,3-Dihydroindene | 117 | 11.155 | 11.155 | 0.000 | 94 | 333208 | 20.0 | 19.9 | |
| 123 p-Diethylbenzene | 119 | 11.184 | 11.184 | 0.000 | 92 | 222882 | 20.0 | 19.4 | |
| 124 n-Butylbenzene | 92 | 11.205 | 11.205 | 0.000 | 97 | 198575 | 20.0 | 19.2 | |
| 125 1,2-Dichlorobenzene | 146 | 11.270 | 11.270 | 0.000 | 94 | 148206 | 20.0 | 19.4 | |
| 126 1,2,4,5-Tetramethylbenzene | 119 | 11.785 | 11.785 | 0.000 | 97 | 291122 | 20.0 | 19.1 | |
| 127 1,2-Dibromo-3-Chloropropane | 157 | 11.893 | 11.893 | 0.000 | 96 | 15507 | 20.0 | 19.5 | |
| 128 1,3,5-Trichlorobenzene | 180 | 12.015 | 12.008 | 0.007 | 97 | 98219 | 20.0 | 18.3 | |
| 129 1,2,4-Trichlorobenzene | 180 | 12.609 | 12.609 | 0.000 | 94 | 84520 | 20.0 | 18.5 | |
| 130 Hexachlorobutadiene | 225 | 12.710 | 12.710 | 0.000 | 92 | 46939 | 20.0 | 20.5 | |
| 131 Naphthalene | 128 | 12.881 | 12.881 | 0.000 | 99 | 238496 | 20.0 | 20.1 | |
| 132 1,2,3-Trichlorobenzene | 180 | 13.146 | 13.146 | 0.000 | 94 | 78072 | 20.0 | 19.6 | |
| S 133 1,2-Dichloroethene, Total | 100 | | | | 0 | | 40.0 | 40.8 | |
| S 134 1,3-Dichloropropene, Total | 100 | | | | 0 | | 40.0 | 36.6 | |
| S 135 Xylenes, Total | 100 | | | | 0 | | 40.0 | 38.8 | |

| Compound | Sig | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 136 Total BTEX | 1 | | | | 0 | | 100.0 | 98.6 | |

## QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| ACROLEIN W_00179 | Amount Added: | 3.00 | Units: uL | |
| 524FREONS_00030 | Amount Added: | 2.00 | Units: uL | |
| GASES Li_00625 | Amount Added: | 2.00 | Units: uL | |
| 8260MIX1COMB_00200 | Amount Added: | 2.00 | Units: uL | |
| alpha-Pinene_00003 | Amount Added: | 2.00 | Units: uL | |
| 8260ISNEW_00171 | Amount Added: | 1.00 | Units: uL | Run Reagent |
| 8260SURR250_00252 | Amount Added: | 1.00 | Units: uL | Run Reagent |

Report Date: 11-Feb-2025 12:23:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24941.D

Injection Date: 11-Feb-2025 05:23:30 Instrument ID: CVOAMS4 Operator ID:

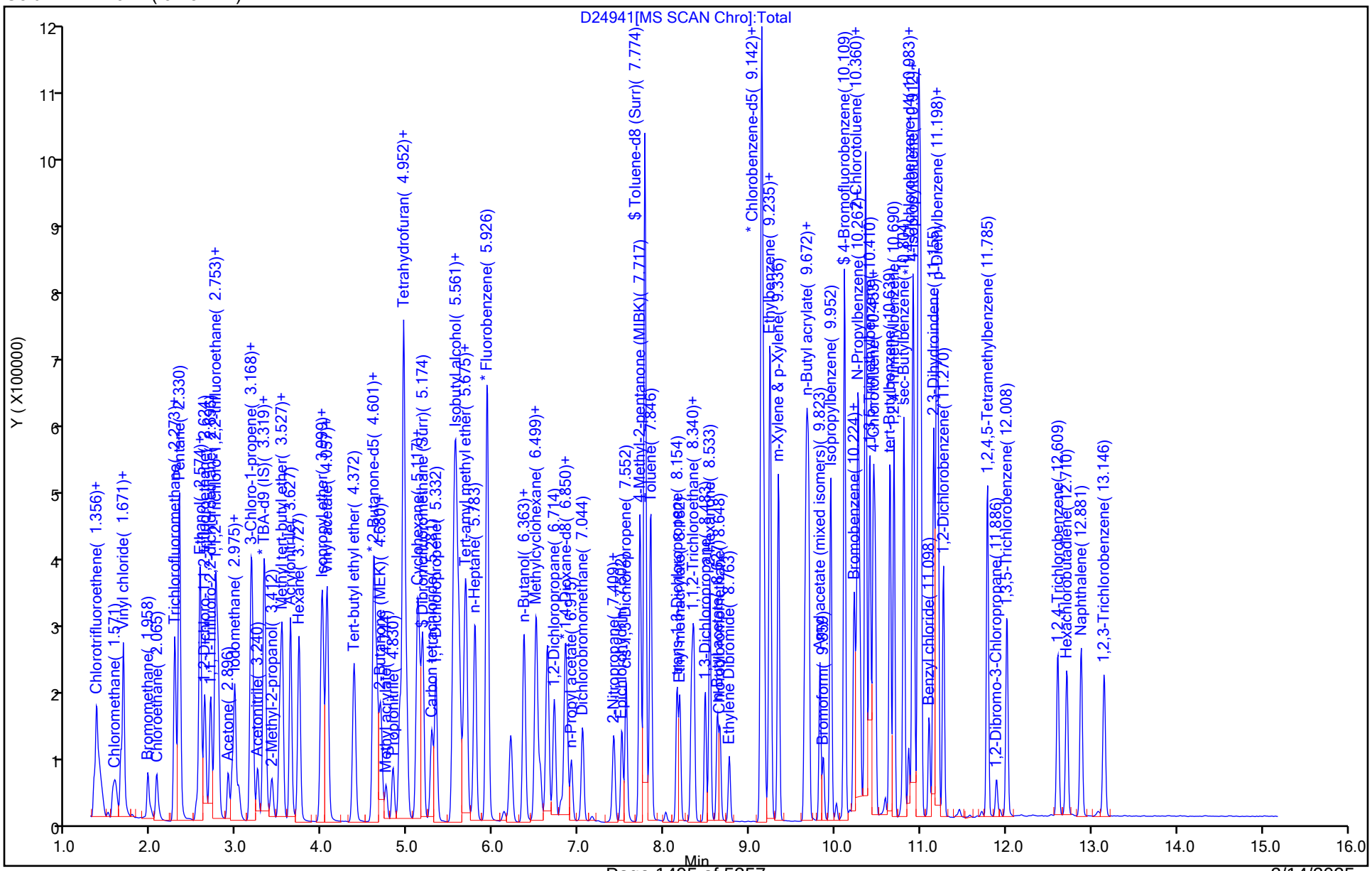
Lims ID: LCSD Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 34

Method: 8260S_4 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\D24941.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 11-Feb-2025 05:23:30 ALS Bottle#: 34 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20250211-186760.b\8260S_4.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 11-Feb-2025 12:23:21 Calib Date: 07-Feb-2025 07:19:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20250207-186631.b\D24800.D

Column 1 : Rtx-624 ( 0.25 mm) Det: MS SCAN
Process Host: CTX1631

First Level Reviewer: RD6L Date: 11-Feb-2025 10:35:09

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 53 Dibromofluoromethane (Surr) | 50.0 | 52.0 | 104.08 |
| $ 58 1,2-Dichloroethane-d4 (Surr) | 50.0 | 51.0 | 101.94 |
| $ 80 Toluene-d8 (Surr) | 50.0 | 50.3 | 100.66 |
| $ 102 4-Bromofluorobenzene | 50.0 | 54.8 | 109.56 |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS1 Start Date: 10/22/2024 02:25

Analysis Batch Number: 1002673 End Date: 10/22/2024 17:41

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-1002673/1 | | 10/22/2024 02:25 | 1 | A18530.D | Rtx-624 0.25(mm) |
| STD7 460-1002673/3 IC | | 10/22/2024 03:15 | 1 | A18532.D | Rtx-624 0.25(mm) |
| STD1 460-1002673/4 IC | | 10/22/2024 03:40 | 1 | A18533.D | Rtx-624 0.25(mm) |
| STD5 460-1002673/5 IC | | 10/22/2024 04:05 | 1 | A18534.D | Rtx-624 0.25(mm) |
| STD20 460-1002673/6 ICIS | | 10/22/2024 04:31 | 1 | A18535.D | Rtx-624 0.25(mm) |
| STD50 460-1002673/7 IC | | 10/22/2024 04:56 | 1 | A18536.D | Rtx-624 0.25(mm) |
| STD200 460-1002673/8 IC | | 10/22/2024 05:22 | 1 | A18537.D | Rtx-624 0.25(mm) |
| STD500 460-1002673/9 IC | | 10/22/2024 05:47 | 1 | A18538.D | Rtx-624 0.25(mm) |
| ICV 460-1002673/18 | | 10/22/2024 09:49 | 1 | A18547.D | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 10:28 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 10:53 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 12:10 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 12:35 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 12:35 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 13:01 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 10/22/2024 13:01 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 13:26 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 13:51 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 14:17 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 14:42 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 15:08 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 15:33 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 15:59 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 16:24 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 16:50 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 17:15 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 10/22/2024 17:41 | 1 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS1  Start Date: 02/10/2025 20:33

Analysis Batch Number: 1020540  End Date: 02/11/2025 06:22

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020540/2 | | 02/10/2025 20:33 | 1 | A22175.D | Rtx-624 0.25(mm) |
| LCS 460-1020540/4 | | 02/10/2025 21:22 | 1 | A22177.D | Rtx-624 0.25(mm) |
| LCSD 460-1020540/5 | | 02/10/2025 21:47 | 1 | A22178.D | Rtx-624 0.25(mm) |
| MB 460-1020540/8 | | 02/10/2025 23:01 | 1 | A22181.D | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 23:25 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 23:50 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:14 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:39 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 01:28 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 01:52 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 02:41 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 03:06 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 03:55 | 1 | | Rtx-624 0.25(mm) |
| 460-319954-7 | FB_02052025 | 02/11/2025 04:20 | 1 | A22194.D | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 04:44 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 05:09 | 2 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 05:33 | 2 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 06:22 | 5 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 01/17/2025 05:08

Analysis Batch Number: 1016958 End Date: 01/17/2025 19:12

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-1016958/1 | | 01/17/2025 05:08 | 1 | B19226.D | DB-624 0.18(mm) |
| STD1 460-1016958/3 IC | | 01/17/2025 06:46 | 1 | B19228.D | DB-624 0.18(mm) |
| STD5 460-1016958/4 IC | | 01/17/2025 07:12 | 1 | B19229.D | DB-624 0.18(mm) |
| STD20 460-1016958/5 ICIS | | 01/17/2025 07:36 | 1 | B19230.D | DB-624 0.18(mm) |
| STD50 460-1016958/6 IC | | 01/17/2025 08:01 | 1 | B19231.D | DB-624 0.18(mm) |
| STD200 460-1016958/7 IC | | 01/17/2025 08:26 | 1 | B19232.D | DB-624 0.18(mm) |
| STD500 460-1016958/8 IC | | 01/17/2025 08:51 | 1 | B19233.D | DB-624 0.18(mm) |
| ICV 460-1016958/15 | | 01/17/2025 11:45 | 1 | B19240.D | DB-624 0.18(mm) |
| ZZZZZ (QC) | | 01/17/2025 12:10 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (QC) | | 01/17/2025 12:35 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (QC) | | 01/17/2025 13:26 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (QC) | | 01/17/2025 13:51 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 14:15 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 14:40 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 15:04 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 15:29 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 15:54 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 16:18 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 16:43 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 17:08 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 17:32 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 17:57 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 18:22 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 18:47 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 01/17/2025 19:12 | 1 | | DB-624 0.18(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS2 Start Date: 02/10/2025 16:52

Analysis Batch Number: 1020506 End Date: 02/10/2025 22:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020506/2 | | 02/10/2025 16:52 | 1 | B20338.D | DB-624 0.18(mm) |
| LCS 460-1020506/3 | | 02/10/2025 17:17 | 1 | B20339.D | DB-624 0.18(mm) |
| LCSD 460-1020506/4 | | 02/10/2025 17:42 | 1 | B20340.D | DB-624 0.18(mm) |
| MB 460-1020506/7 | | 02/10/2025 18:57 | 1 | B20343.D | DB-624 0.18(mm) |
| LB3 460-1020016/1-A | | 02/10/2025 19:21 | 1 | B20344.D | DB-624 0.18(mm) |
| ZZZZZ (QC) | | 02/10/2025 19:46 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 02/10/2025 20:11 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 02/10/2025 21:01 | 1 | | DB-624 0.18(mm) |
| ZZZZZ | | 02/10/2025 21:26 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 02/10/2025 21:51 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 02/10/2025 22:16 | 1 | | DB-624 0.18(mm) |
| ZZZZZ (Client) | | 02/10/2025 22:40 | 1 | | DB-624 0.18(mm) |

# GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS4  Start Date: 02/07/2025 04:30

Analysis Batch Number: 1020046  End Date: 02/07/2025 18:26

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 460-1020046/1 | | 02/07/2025 04:30 | 1 | D24793.D | Rtx-624 0.25(mm) |
| STD1 460-1020046/3 IC | | 02/07/2025 05:24 | 1 | D24795.D | Rtx-624 0.25(mm) |
| STD5 460-1020046/4 IC | | 02/07/2025 05:47 | 1 | D24796.D | Rtx-624 0.25(mm) |
| STD20 460-1020046/5 ICIS | | 02/07/2025 06:10 | 1 | D24797.D | Rtx-624 0.25(mm) |
| STD50 460-1020046/6 IC | | 02/07/2025 06:33 | 1 | D24798.D | Rtx-624 0.25(mm) |
| STD200 460-1020046/7 IC | | 02/07/2025 06:56 | 1 | D24799.D | Rtx-624 0.25(mm) |
| STD500 460-1020046/8 IC | | 02/07/2025 07:19 | 1 | D24800.D | Rtx-624 0.25(mm) |
| ICV 460-1020046/15 | | 02/07/2025 10:01 | 1 | D24807.D | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 10:24 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 10:47 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 11:33 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 11:56 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 12:19 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 12:42 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 13:05 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 13:28 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 13:51 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 14:13 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 14:36 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/07/2025 14:59 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:45 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:08 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:31 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:54 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:17 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:40 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:03 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:26 | 1 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 02/10/2025 16:40

Analysis Batch Number: 1020507 End Date: 02/11/2025 03:28

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020507/1 | | 02/10/2025 16:40 | 1 | D24908.D | Rtx-624 0.25(mm) |
| LCS 460-1020507/2 | | 02/10/2025 17:03 | 1 | D24909.D | Rtx-624 0.25(mm) |
| LCSD 460-1020507/3 | | 02/10/2025 17:26 | 1 | D24910.D | Rtx-624 0.25(mm) |
| MB 460-1020507/5 | | 02/10/2025 18:12 | 1 | D24912.D | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 18:58 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 19:21 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 19:44 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 20:08 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 20:31 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 20:54 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 21:17 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 21:40 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 22:03 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 22:26 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 23:13 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 23:36 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:00 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:23 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:46 | 1 | | Rtx-624 0.25(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/11/2025 01:09 | 1 | D24930.D | Rtx-624 0.25(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/11/2025 01:32 | 1 | D24931.D | Rtx-624 0.25(mm) |
| 460-319954-3 | RX-20-01_0-2 | 02/11/2025 01:55 | 1 | D24932.D | Rtx-624 0.25(mm) |
| 460-319954-4 | RX-22-01_0-2 | 02/11/2025 02:18 | 1 | D24933.D | Rtx-624 0.25(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/11/2025 02:42 | 1 | D24934.D | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/11/2025 03:05 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/11/2025 03:28 | 1 | | Rtx-624 0.25(mm) |

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 02/11/2025 04:14

Analysis Batch Number: 1020626 End Date: 02/11/2025 15:49

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020626/1 | | 02/11/2025 04:14 | 1 | D24938.D | Rtx-624 0.25(mm) |
| LCS 460-1020626/3 | | 02/11/2025 05:00 | 1 | D24940.D | Rtx-624 0.25(mm) |
| LCSD 460-1020626/4 | | 02/11/2025 05:23 | 1 | D24941.D | Rtx-624 0.25(mm) |
| MB 460-1020626/7 | | 02/11/2025 06:32 | 1 | D24944.D | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 10:05 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 11:14 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 12:00 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 12:23 | 1 | | Rtx-624 0.25(mm) |
| 460-319954-6 | DUP_02052025 | 02/11/2025 12:46 | 1 | D24954.D | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 13:09 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 13:32 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 13:55 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 14:18 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/11/2025 15:03 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (QC) | | 02/11/2025 15:26 | 1 | | Rtx-624 0.25(mm) |
| ZZZZZ (Client) | | 02/11/2025 15:49 | 1 | | Rtx-624 0.25(mm) |

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002673  Batch Start Date: 10/22/24 02:25  Batch Analyst: Moroney, Christopher J

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 14DIOXINTER 00174 | 524FREONS 00025 | 7 Freons Hi 00020 | 7 Freons SS 00019 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1002673/1 | | 8260D | | | 5 mL | 5 mL | | | | |
| STD7 460-1002673/3 IC | | 8260D | | | 5 mL | 5 mL | | | | |
| STD1 460-1002673/4 IC | | 8260D | | | 5 mL | 5 mL | 30 uL | 10 uL | | |
| STD5 460-1002673/5 IC | | 8260D | | | 5 mL | 5 mL | | 10 uL | | |
| STD20 460-1002673/6 ICIS | | 8260D | | | 5 mL | 5 mL | | 20 uL | | |
| STD50 460-1002673/7 IC | | 8260D | | | 5 mL | 5 mL | | 50 uL | | |
| STD200 460-1002673/8 IC | | 8260D | | | 5 mL | 5 mL | | | 20 uL | |
| STD500 460-1002673/9 IC | | 8260D | | | 5 mL | 5 mL | | | 50 uL | |
| ICV 460-1002673/18 | | 8260D | | | 5 mL | 5 mL | | | | 20 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00185 | 8260ISNEW 00192 | 8260MIX1COMB 00195 | 8260SURR250 00251 | ACROLEIN SP 00170 | ACROLEIN W 00175 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1002673/1 | | 8260D | | | | | | | | |
| STD7 460-1002673/3 IC | | 8260D | | | | 1 uL | | 1 uL | | |
| STD1 460-1002673/4 IC | | 8260D | | | | 1 uL | 10 uL | 1 uL | | 4 uL |
| STD5 460-1002673/5 IC | | 8260D | | | | 1 uL | 10 uL | 1 uL | | 4 uL |
| STD20 460-1002673/6 ICIS | | 8260D | | | | 1 uL | 20 uL | 1 uL | | 4 uL |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002673  Batch Start Date: 10/22/24 02:25  Batch Analyst: Moroney, Christopher J

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260 SP 00185 | 8260ISNEW 00192 | 8260MIX1COMB 00195 | 8260SURR250 00251 | ACROLEIN SP 00170 | ACROLEIN W 00175 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD50 460-1002673/7 IC | | 8260D | | | | 1 uL | 50 uL | 1 uL | | 10 uL |
| STD200 460-1002673/8 IC | | 8260D | | | | 1 uL | | 1 uL | | 20 uL |
| STD500 460-1002673/9 IC | | 8260D | | | | 1 uL | | 1 uL | | 40 uL |
| ICV 460-1002673/18 | | 8260D | | | 20 uL | 1 uL | | 1 uL | 4 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACRY/EPIH MIX 00130 | BFB 00036 | Ethanol mix 00094 | GAS C SP 00591 | GAS Hi 00481 | GASES Li 00608 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1002673/1 | | 8260D | | | | 1 uL | | | | |
| STD7 460-1002673/3 IC | | 8260D | | | 20 uL | | | | | 2.5 uL |
| STD1 460-1002673/4 IC | | 8260D | | | | | | | | 10 uL |
| STD5 460-1002673/5 IC | | 8260D | | | | | | | | 10 uL |
| STD20 460-1002673/6 ICIS | | 8260D | | | | | | | | 20 uL |
| STD50 460-1002673/7 IC | | 8260D | | | | | | | | 50 uL |
| STD200 460-1002673/8 IC | | 8260D | | | | | 20 uL | | 20 uL | |
| STD500 460-1002673/9 IC | | 8260D | | | | | 50 uL | | 50 uL | |
| ICV 460-1002673/18 | | 8260D | | | | | | 20 uL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002673  Batch Start Date: 10/22/24 02:25  Batch Analyst: Moroney, Christopher J

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | MIX 2 Hi 00154 | MIX I Hi 00181 | VMTBA500 00055 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1002673/1 | | 8260D | | | | | | | | |
| STD7 460-1002673/3 IC | | 8260D | | | | | 2 uL | | | |
| STD1 460-1002673/4 IC | | 8260D | | | | | | | | |
| STD5 460-1002673/5 IC | | 8260D | | | | | | | | |
| STD20 460-1002673/6 ICIS | | 8260D | | | | | | | | |
| STD50 460-1002673/7 IC | | 8260D | | | | | | | | |
| STD200 460-1002673/8 IC | | 8260D | | | 20 uL | 20 uL | | | | |
| STD500 460-1002673/9 IC | | 8260D | | | 50 uL | 50 uL | | | | |
| ICV 460-1002673/18 | | 8260D | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1016958  Batch Start Date: 01/17/25 05:08  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 524FREONS 00029 | 7 Freons Hi 00023 | 7 Freons SS 00022 | 8260 SP 00188 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016958/1 | | 8260D | | | 5 mL | 5 mL | | | | |
| STD1 460-1016958/3 IC | | 8260D | | | 5 mL | 5 mL | 1 uL | | | |
| STD5 460-1016958/4 IC | | 8260D | | | 5 mL | 5 mL | 5 uL | | | |
| STD20 460-1016958/5 ICIS | | 8260D | | | 5 mL | 5 mL | 2 uL | | | |
| STD50 460-1016958/6 IC | | 8260D | | | 5 mL | 5 mL | 5 uL | | | |
| STD200 460-1016958/7 IC | | 8260D | | | 5 mL | 5 mL | | 2 uL | | |
| STD500 460-1016958/8 IC | | 8260D | | | 5 mL | 5 mL | | 5 uL | | |
| ICV 460-1016958/15 | | 8260D | | | 5 mL | 5 mL | | | 2 uL | 2 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00199 | 8260SURR250 00252 | ACROLEIN SP 00173 | ACROLEIN W 00178 | alpha-Pinene 00003 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016958/1 | | 8260D | | | 1 uL | | 1 uL | | | |
| STD1 460-1016958/3 IC | | 8260D | | | 1 uL | 1 uL | 1 uL | | 10 uL | 1 uL |
| STD5 460-1016958/4 IC | | 8260D | | | 1 uL | 5 uL | 1 uL | | 20 uL | 5 uL |
| STD20 460-1016958/5 ICIS | | 8260D | | | 1 uL | 2 uL | 1 uL | | 3 uL | 2 uL |
| STD50 460-1016958/6 IC | | 8260D | | | 1 uL | 5 uL | 1 uL | | 4 uL | 5 uL |
| STD200 460-1016958/7 IC | | 8260D | | | 1 uL | | 1 uL | | 5 uL | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1016958  Batch Start Date: 01/17/25 05:08  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00199 | 8260SURR250 00252 | ACROLEIN SP 00173 | ACROLEIN W 00178 | alpha-Pinene 00003 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD500 460-1016958/8 IC | | 8260D | | | 1 uL | | 1 uL | | 6 uL | |
| ICV 460-1016958/15 | | 8260D | | | 1 uL | | 1 uL | 3 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | alpha-Pinene 00005 | alpha-Pinene 00006 | BFB 00038 | Ethanol mix 00097 | GAS C SP 00604 | GAS Hi 00487 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016958/1 | | 8260D | | | | | 1 uL | | | |
| STD1 460-1016958/3 IC | | 8260D | | | | | | | | |
| STD5 460-1016958/4 IC | | 8260D | | | | | | | | |
| STD20 460-1016958/5 ICIS | | 8260D | | | | | | | | |
| STD50 460-1016958/6 IC | | 8260D | | | | | | | | |
| STD200 460-1016958/7 IC | | 8260D | | | 2 uL | | | 2 uL | | 2 uL |
| STD500 460-1016958/8 IC | | 8260D | | | 5 uL | | | 5 uL | | 5 uL |
| ICV 460-1016958/15 | | 8260D | | | | 2 uL | | | 2 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00621 | MIX 2 Hi 00157 | MIX I Hi 00184 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1016958/1 | | 8260D | | | | | | | | |
| STD1 460-1016958/3 IC | | 8260D | | | 1 uL | | | | | |
| STD5 460-1016958/4 IC | | 8260D | | | 5 uL | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1016958  Batch Start Date: 01/17/25 05:08  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00621 | MIX 2 Hi 00157 | MIX I Hi 00184 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| STD20<br>460-1016958/5<br>ICIS | | 8260D | | | 2 uL | | | | | |
| STD50<br>460-1016958/6<br>IC | | 8260D | | | 5 uL | | | | | |
| STD200<br>460-1016958/7<br>IC | | 8260D | | | | 2 uL | 2 uL | | | |
| STD500<br>460-1016958/8<br>IC | | 8260D | | | | 5 uL | 5 uL | | | |
| ICV<br>460-1016958/15 | | 8260D | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020016  Batch Start Date: 02/06/25 18:39  Batch Analyst: Gao, Yong X

Batch Method: 5035  Batch End Date: 02/06/25 19:03

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| LB3 460-1020016/1 | | 5035, 8260D | | | 5.00 g | 5 mL | | | | |
| 460-319954-C-1 | RX-21-01_0-2 | 5035, 8260D | Solid | T | 3.68 g | 5 mL | | | | |
| 460-319954-C-2 | RX-18-01_0-2 | 5035, 8260D | Solid | T | 4.25 g | 5 mL | | | | |
| 460-319954-C-3 | RX-20-01_0-2 | 5035, 8260D | Solid | T | 4.73 g | 5 mL | | | | |
| 460-319954-C-4 | RX-22-01_0-2 | 5035, 8260D | Solid | T | 4.52 g | 5 mL | | | | |
| 460-319954-C-5 | RX-19-01_0-2 | 5035, 8260D | Solid | T | 4.64 g | 5 mL | | | | |
| 460-319954-C-6 | DUP_02052025 | 5035, 8260D | Solid | T | 3.64 g | 5 mL | | | | |

| Batch Notes | |
|---|---|
| Balance ID | 38 |
| Balance is Level? (Y/N) | yes |
| Blank Matrix ID | 17485 |
| Vial Lot Number | 0125601J |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020046  Batch Start Date: 02/07/25 04:30  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 524FREONS 00030 | 7 Freons Hi 00024 | 7 Freons SS 00023 | 8260 SP 00189 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1020046/1 | | 8260D | | | 5 mL | 5 mL | | | | |
| STD1 460-1020046/3 IC | | 8260D | | | 5 mL | 5 mL | 1 uL | | | |
| STD5 460-1020046/4 IC | | 8260D | | | 5 mL | 5 mL | 5 uL | | | |
| STD20 460-1020046/5 ICIS | | 8260D | | | 5 mL | 5 mL | 2 uL | | | |
| STD50 460-1020046/6 IC | | 8260D | | | 5 mL | 5 mL | 5 uL | | | |
| STD200 460-1020046/7 IC | | 8260D | | | 5 mL | 5 mL | | 2 uL | | |
| STD500 460-1020046/8 IC | | 8260D | | | 5 mL | 5 mL | | 5 uL | | |
| ICV 460-1020046/15 | | 8260D | | | 5 mL | 5 mL | | | 2 uL | 2 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00200 | 8260SURR250 00252 | ACROLEIN SP 00174 | ACROLEIN W 00179 | alpha-Pinene 00003 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1020046/1 | | 8260D | | | | | | | | |
| STD1 460-1020046/3 IC | | 8260D | | | 1 uL | 1 uL | 1 uL | | 10 uL | 1 uL |
| STD5 460-1020046/4 IC | | 8260D | | | 1 uL | 5 uL | 1 uL | | 20 uL | 5 uL |
| STD20 460-1020046/5 ICIS | | 8260D | | | 1 uL | 2 uL | 1 uL | | 3 uL | 2 uL |
| STD50 460-1020046/6 IC | | 8260D | | | 1 uL | 5 uL | 1 uL | | 4 uL | 5 uL |
| STD200 460-1020046/7 IC | | 8260D | | | 1 uL | | 1 uL | | 5 uL | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020046  Batch Start Date: 02/07/25 04:30  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260ISNEW 00171 | 8260MIX1COMB 00200 | 8260SURR250 00252 | ACROLEIN SP 00174 | ACROLEIN W 00179 | alpha-Pinene 00003 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD500 460-1020046/8 IC | | 8260D | | | 1 uL | | 1 uL | | 6 uL | |
| ICV 460-1020046/15 | | 8260D | | | 1 uL | | 1 uL | 3 uL | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | alpha-Pinene 00005 | alpha-Pinene 00006 | BFB 00038 | Ethanol mix 00098 | GAS C SP 00607 | GAS Hi 00488 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1020046/1 | | 8260D | | | | | 1 uL | | | |
| STD1 460-1020046/3 IC | | 8260D | | | | | | | | |
| STD5 460-1020046/4 IC | | 8260D | | | | | | | | |
| STD20 460-1020046/5 ICIS | | 8260D | | | | | | | | |
| STD50 460-1020046/6 IC | | 8260D | | | | | | | | |
| STD200 460-1020046/7 IC | | 8260D | | | 2 uL | | | 2 uL | | 2 uL |
| STD500 460-1020046/8 IC | | 8260D | | | 5 uL | | | 5 uL | | 5 uL |
| ICV 460-1020046/15 | | 8260D | | | | 2 uL | | | 2 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00624 | MIX 2 Hi 00158 | MIX I Hi 00185 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 460-1020046/1 | | 8260D | | | | | | | | |
| STD1 460-1020046/3 IC | | 8260D | | | 1 uL | | | | | |
| STD5 460-1020046/4 IC | | 8260D | | | 5 uL | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020046  Batch Start Date: 02/07/25 04:30  Batch Analyst: Tupayachi, Audberto

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | GASES Li 00624 | MIX 2 Hi 00158 | MIX I Hi 00185 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| STD20<br>460-1020046/5<br>ICIS | | 8260D | | | 2 uL | | | | | |
| STD50<br>460-1020046/6<br>IC | | 8260D | | | 5 uL | | | | | |
| STD200<br>460-1020046/7<br>IC | | 8260D | | | | 2 uL | 2 uL | | | |
| STD500<br>460-1020046/8<br>IC | | 8260D | | | | 5 uL | 5 uL | | | |
| ICV<br>460-1020046/15 | | 8260D | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020506  Batch Start Date: 02/10/25 16:52  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 524FREONS 00030 | 8260ISNEW 00208 | 8260MIX1COMB 00200 | 8260SURR250 00252 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020506/2 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCS 460-1020506/3 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCSD 460-1020506/4 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| MB 460-1020506/7 | | 8260D | | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| LB3 460-1020016/1-A | | 8260D | | | 5 mL | 5 mL | | 1 uL | | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACROLEIN W 00179 | alpha-Pinene 00003 | GASES Li 00625 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020506/2 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCS 460-1020506/3 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCSD 460-1020506/4 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| MB 460-1020506/7 | | 8260D | | | | | | | | |
| LB3 460-1020016/1-A | | 8260D | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020507  Batch Start Date: 02/10/25 16:40  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 524FREONS 00030 | 8260ISNEW 00171 | 8260MIX1COMB 00200 | 8260SURR250 00252 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020507/1 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCS 460-1020507/2 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCSD 460-1020507/3 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| MB 460-1020507/5 | | 8260D | | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-1-A | RX-21-01_0-2 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-2-A | RX-18-01_0-2 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-3-A | RX-20-01_0-2 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-4-A | RX-22-01_0-2 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-5-A | RX-19-01_0-2 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACROLEIN W 00179 | alpha-Pinene 00003 | GASES Li 00625 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020507/1 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCS 460-1020507/2 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCSD 460-1020507/3 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| MB 460-1020507/5 | | 8260D | | | | | | | | |
| 460-319954-C-1-A | RX-21-01_0-2 | 8260D | Solid | T | | | | | | |
| 460-319954-C-2-A | RX-18-01_0-2 | 8260D | Solid | T | | | | | | |
| 460-319954-C-3-A | RX-20-01_0-2 | 8260D | Solid | T | | | | | | |
| 460-319954-C-4-A | RX-22-01_0-2 | 8260D | Solid | T | | | | | | |
| 460-319954-C-5-A | RX-19-01_0-2 | 8260D | Solid | T | | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020507  Batch Start Date: 02/10/25 16:40  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020540  Batch Start Date: 02/10/25 20:33  Batch Analyst: Boykin, Kenneth

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | Initial pH | 524FREONS 00030 | 8260ISNEW 00208 | 8260MIX1COMB 00200 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020540/2 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCS 460-1020540/4 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| LCSD 460-1020540/5 | | 8260D | | | 5 mL | 5 mL | | 20 uL | 1 uL | 20 uL |
| MB 460-1020540/8 | | 8260D | | | 5 mL | 5 mL | | | 1 uL | |
| 460-319954-A-7 | FB_02052025 | 8260D | Water | T | 5 mL | 5 mL | <2 PH Units | | 1 uL | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | 8260SURR250 00252 | ACROLEIN W 00179 | GASES Li 00625 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020540/2 | | 8260D | | | 1 uL | 4 uL | 20 uL | | | |
| LCS 460-1020540/4 | | 8260D | | | 1 uL | 4 uL | 20 uL | | | |
| LCSD 460-1020540/5 | | 8260D | | | 1 uL | 4 uL | 20 uL | | | |
| MB 460-1020540/8 | | 8260D | | | 1 uL | | | | | |
| 460-319954-A-7 | FB_02052025 | 8260D | Water | T | 1 uL | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020626  Batch Start Date: 02/11/25 04:14  Batch Analyst: Starzec, Margaret

Batch Method: 8260D  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | 524FREONS 00030 | 8260ISNEW 00171 | 8260MIX1COMB 00200 | 8260SURR250 00252 |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020626/1 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCS 460-1020626/3 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| LCSD 460-1020626/4 | | 8260D | | | 5 mL | 5 mL | 2 uL | 1 uL | 2 uL | 1 uL |
| MB 460-1020626/7 | | 8260D | | | 5 mL | 5 mL | | 1 uL | | 1 uL |
| 460-319954-C-6-A | DUP_02052025 | 8260D | Solid | T | 5 mL | 5 mL | | 1 uL | | 1 uL |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ACROLEIN W 00179 | alpha-Pinene 00003 | GASES Li 00625 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| CCVIS 460-1020626/1 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCS 460-1020626/3 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| LCSD 460-1020626/4 | | 8260D | | | 3 uL | 2 uL | 2 uL | | | |
| MB 460-1020626/7 | | 8260D | | | | | | | | |
| 460-319954-C-6-A | DUP_02052025 | 8260D | Solid | T | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# 8270E

## Semivolatile Organic Compounds (GC/MS)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | 2FP # | PHL # | NBZ # | FBP # | TBP # | TPHL # |
|---|---|---|---|---|---|---|---|
| RX-21-01_0-2 | 460-319954-1 | 66 | 68 | 65 | 69 | 72 | 72 |
| RX-18-01_0-2 | 460-319954-2 | 71 | 71 | 69 | 73 | 76 | 71 |
| RX-20-01_0-2 | 460-319954-3 | 67 | 67 | 66 | 69 | 71 | 71 |
| RX-22-01_0-2 | 460-319954-4 | 69 | 68 | 68 | 73 | 76 | 75 |
| RX-19-01_0-2 | 460-319954-5 | 69 | 71 | 69 | 75 | 76 | 77 |
| DUP_02052025 | 460-319954-6 | 64 | 64 | 61 | 64 | 66 | 65 |
| | MB 460-1020235/1-A | 72 | 72 | 72 | 72 | 70 | 74 |
| | LCS 460-1020235/2-A | 74 | 73 | 71 | 72 | 73 | 73 |
| | LCSD 460-1020235/3-A | 77 | 75 | 72 | 73 | 77 | 76 |

| | QC LIMITS |
|---|---|
| 2FP = 2-Fluorophenol (Surr) | 31-133 |
| PHL = Phenol-d5 (Surr) | 35-132 |
| NBZ = Nitrobenzene-d5 (Surr) | 31-120 |
| FBP = 2-Fluorobiphenyl | 38-128 |
| TBP = 2,4,6-Tribromophenol (Surr) | 24-137 |
| TPHL = Terphenyl-d14 (Surr) | 44-147 |

# Column to be used to flag recovery values

FORM II 8270E

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtxi-5Sil M ID: 0.25(mm)

| Client Sample ID | Lab Sample ID | 2FP # | PHL # | NBZ # | FBP # | TBP # | TPHL # |
|---|---|---|---|---|---|---|---|
| FB_02052025 | 460-319954-7 | 67 | 50 | 90 | 86 | 97 | 91 |
| | MB 460-1020073/1-A | 47 | 32 | 92 | 88 | 95 | 91 |
| | LCS 460-1020073/2-A | 40 | 28 | 81 | 80 | 95 | 93 |
| | LCSD 460-1020073/3-A | 40 | 28 | 82 | 80 | 95 | 103 |

| | QC LIMITS |
|---|---|
| 2FP = 2-Fluorophenol (Surr) | 16-80 |
| PHL = Phenol-d5 (Surr) | 10-56 |
| NBZ = Nitrobenzene-d5 (Surr) | 51-145 |
| FBP = 2-Fluorobiphenyl | 46-139 |
| TBP = 2,4,6-Tribromophenol (Surr) | 37-150 |
| TPHL = Terphenyl-d14 (Surr) | 13-159 |

# Column to be used to flag recovery values

FORM II 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N56273.d

Lab ID: LCS 460-1020073/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1'-Biphenyl | 80.0 | 67.9 | 85 | 52-129 | |
| 1,2,4,5-Tetrachlorobenzene | 80.0 | 66.8 | 83 | 40-136 | |
| 2,2'-oxybis[1-chloropropane] | 80.0 | 67.7 | 85 | 47-133 | |
| 2,3,4,6-Tetrachlorophenol | 80.0 | 82.4 | 103 | 63-131 | |
| 2,4,5-Trichlorophenol | 80.0 | 79.5 | 99 | 63-124 | |
| 2,4,6-Trichlorophenol | 80.0 | 78.3 | 98 | 66-131 | |
| 2,4-Dichlorophenol | 80.0 | 71.8 | 90 | 60-120 | |
| 2,4-Dimethylphenol | 80.0 | 85.3 | 107 | 37-120 | |
| 2,4-Dinitrophenol | 160 | 169 | 106 | 50-148 | |
| 2,4-Dinitrotoluene | 80.0 | 91.8 | 115 | 71-142 | |
| 2,6-Dinitrotoluene | 80.0 | 87.6 | 110 | 71-136 | |
| 2-Chloronaphthalene | 80.0 | 68.0 | 85 | 50-129 | |
| 2-Chlorophenol | 80.0 | 60.2 | 75 | 49-120 | |
| 2-Methylnaphthalene | 80.0 | 57.8 | 72 | 42-134 | |
| 2-Methylphenol | 80.0 | 57.3 | 72 | 35-120 | |
| 2-Nitroaniline | 80.0 | 79.2 | 99 | 57-134 | |
| 2-Nitrophenol | 80.0 | 72.3 | 90 | 62-124 | |
| 3,3'-Dichlorobenzidine | 80.0 | 76.7 | 96 | 55-145 | |
| 3-Nitroaniline | 80.0 | 78.2 | 98 | 51-120 | |
| 4,6-Dinitro-2-methylphenol | 160 | 177 | 111 | 65-145 | |
| 4-Bromophenyl phenyl ether | 80.0 | 83.4 | 104 | 59-132 | |
| 4-Chloro-3-methylphenol | 80.0 | 72.8 | 91 | 54-120 | |
| 4-Chloroaniline | 80.0 | 72.9 | 91 | 43-120 | |
| 4-Chlorophenyl phenyl ether | 80.0 | 79.4 | 99 | 65-127 | |
| 4-Methylphenol | 80.0 | 51.8 | 65 | 28-120 | |
| 4-Nitroaniline | 80.0 | 85.9 | 107 | 57-135 | |
| 4-Nitrophenol | 160 | 67.6 | 42 | 10-120 | |
| Acenaphthene | 80.0 | 71.9 | 90 | 62-127 | |
| Acenaphthylene | 80.0 | 76.4 | 95 | 58-122 | |
| Acetophenone | 80.0 | 70.2 | 88 | 65-125 | |
| Anthracene | 80.0 | 81.7 | 102 | 67-127 | |
| Atrazine | 40.0 | 52.5 | 131 | 13-150 | |
| Benzaldehyde | 40.0 | 41.5 | 104 | 10-150 | |
| Benzo[a]anthracene | 80.0 | 82.5 | 103 | 71-131 | |
| Benzo[a]pyrene | 80.0 | 92.5 | 116 | 75-148 | |
| Benzo[b]fluoranthene | 80.0 | 92.3 | 115 | 70-140 | |
| Benzo[g,h,i]perylene | 80.0 | 91.0 | 114 | 52-143 | |
| Benzo[k]fluoranthene | 80.0 | 88.5 | 111 | 71-140 | |
| Bis(2-chloroethoxy)methane | 80.0 | 73.3 | 92 | 63-122 | |
| Bis(2-chloroethyl)ether | 80.0 | 69.3 | 87 | 61-125 | |
| Bis(2-ethylhexyl) phthalate | 80.0 | 89.5 | 112 | 65-144 | |
| Butyl benzyl phthalate | 80.0 | 91.4 | 114 | 67-141 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N56273.d

Lab ID: LCS 460-1020073/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Caprolactam | 40.0 | 11.8 | 29 | 10-120 | |
| Carbazole | 80.0 | 84.1 | 105 | 68-132 | |
| Chrysene | 80.0 | 79.1 | 99 | 70-132 | |
| Dibenz(a,h)anthracene | 80.0 | 87.1 | 109 | 53-150 | |
| Dibenzofuran | 80.0 | 75.3 | 94 | 64-125 | |
| Diethyl phthalate | 80.0 | 82.2 | 103 | 67-131 | |
| Dimethyl phthalate | 80.0 | 83.7 | 105 | 67-129 | |
| Di-n-butyl phthalate | 80.0 | 88.8 | 111 | 71-139 | |
| Di-n-octyl phthalate | 80.0 | 101 | 126 | 51-150 | |
| Fluoranthene | 80.0 | 87.4 | 109 | 69-137 | |
| Fluorene | 80.0 | 77.5 | 97 | 67-125 | |
| Hexachlorobenzene | 80.0 | 85.0 | 106 | 62-135 | |
| Hexachlorobutadiene | 80.0 | 41.8 | 52 | 10-147 | |
| Hexachlorocyclopentadiene | 80.0 | 66.0 | 82 | 10-135 | |
| Hexachloroethane | 80.0 | 30.8 | 39 | 10-138 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 89.1 | 111 | 59-150 | |
| Isophorone | 80.0 | 78.5 | 98 | 65-128 | |
| Naphthalene | 80.0 | 56.8 | 71 | 39-126 | |
| Nitrobenzene | 80.0 | 75.0 | 94 | 66-127 | |
| N-Nitrosodi-n-propylamine | 80.0 | 73.2 | 92 | 63-133 | |
| N-Nitrosodiphenylamine | 80.0 | 78.5 | 98 | 66-128 | |
| Pentachlorophenol | 160 | 168 | 105 | 60-140 | |
| Phenanthrene | 80.0 | 80.8 | 101 | 68-126 | |
| Phenol | 80.0 | 27.9 | 35 | 10-80 | |
| Pyrene | 80.0 | 84.9 | 106 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X62075.d

Lab ID: LCS 460-1020235/2-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 1,1'-Biphenyl | 3.33 | 2.73 | 82 | 64-120 | |
| 1,2,4,5-Tetrachlorobenzene | 3.33 | 2.71 | 81 | 60-120 | |
| 1,4-Dioxane | 3.33 | 2.24 | 67 | 27-120 | |
| 2,2'-oxybis[1-chloropropane] | 3.33 | 2.60 | 78 | 46-126 | |
| 2,3,4,6-Tetrachlorophenol | 3.33 | 2.65 | 79 | 62-120 | |
| 2,4,5-Trichlorophenol | 3.33 | 2.78 | 83 | 64-120 | |
| 2,4,6-Trichlorophenol | 3.33 | 2.75 | 83 | 65-120 | |
| 2,4-Dichlorophenol | 3.33 | 2.77 | 83 | 66-120 | |
| 2,4-Dimethylphenol | 3.33 | 3.24 | 97 | 46-120 | |
| 2,4-Dinitrophenol | 6.67 | 4.53 | 68 | 41-129 | |
| 2,4-Dinitrotoluene | 3.33 | 2.79 | 84 | 65-124 | |
| 2,6-Dinitrotoluene | 3.33 | 2.81 | 84 | 67-121 | |
| 2-Chloronaphthalene | 3.33 | 2.76 | 83 | 64-120 | |
| 2-Chlorophenol | 3.33 | 2.68 | 80 | 63-120 | |
| 2-Methylnaphthalene | 3.33 | 2.39 | 72 | 64-120 | |
| 2-Methylphenol | 3.33 | 2.72 | 82 | 63-120 | |
| 2-Nitroaniline | 3.33 | 2.62 | 79 | 48-120 | |
| 2-Nitrophenol | 3.33 | 2.68 | 80 | 64-120 | |
| 3,3'-Dichlorobenzidine | 3.33 | 1.47 | 44 | 10-120 | |
| 3-Nitroaniline | 3.33 | 1.92 | 58 | 18-122 | |
| 4,6-Dinitro-2-methylphenol | 6.67 | 5.35 | 80 | 58-136 | |
| 4-Bromophenyl phenyl ether | 3.33 | 2.77 | 83 | 60-120 | |
| 4-Chloro-3-methylphenol | 3.33 | 2.66 | 80 | 66-120 | |
| 4-Chloroaniline | 3.33 | 1.26 | 38 | 10-120 | |
| 4-Chlorophenyl phenyl ether | 3.33 | 2.78 | 83 | 62-120 | |
| 4-Methylphenol | 3.33 | 2.65 | 80 | 61-120 | |
| 4-Nitroaniline | 3.33 | 2.48 | 74 | 51-120 | |
| 4-Nitrophenol | 6.67 | 4.73 | 71 | 42-132 | |
| Acenaphthene | 3.33 | 2.73 | 82 | 65-120 | |
| Acenaphthylene | 3.33 | 2.92 | 88 | 64-120 | |
| Acetophenone | 3.33 | 2.59 | 78 | 61-120 | |
| Anthracene | 3.33 | 2.74 | 82 | 67-120 | |
| Atrazine | 1.33 | 1.32 | 99 | 32-150 | |
| Benzaldehyde | 1.33 | 1.22 | 92 | 28-150 | |
| Benzo[a]anthracene | 3.33 | 2.77 | 83 | 66-120 | |
| Benzo[a]pyrene | 3.33 | 2.95 | 88 | 73-123 | |
| Benzo[b]fluoranthene | 3.33 | 2.96 | 89 | 70-125 | |
| Benzo[g,h,i]perylene | 3.33 | 3.13 | 94 | 66-120 | |
| Benzo[k]fluoranthene | 3.33 | 2.75 | 82 | 67-122 | |
| Bis(2-chloroethoxy)methane | 3.33 | 2.65 | 80 | 62-120 | |
| Bis(2-chloroethyl)ether | 3.33 | 2.63 | 79 | 60-120 | |
| Bis(2-ethylhexyl) phthalate | 3.33 | 2.75 | 83 | 64-125 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X62075.d

Lab ID: LCS 460-1020235/2-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Butyl benzyl phthalate | 3.33 | 2.74 | 82 | 62-127 | |
| Caprolactam | 1.33 | 1.33 | 100 | 36-150 | |
| Carbazole | 3.33 | 2.73 | 82 | 64-120 | |
| Chrysene | 3.33 | 2.72 | 82 | 67-120 | |
| Dibenz(a,h)anthracene | 3.33 | 2.90 | 87 | 66-128 | |
| Dibenzofuran | 3.33 | 2.71 | 81 | 61-120 | |
| Diethyl phthalate | 3.33 | 2.71 | 81 | 63-120 | |
| Dimethyl phthalate | 3.33 | 2.75 | 82 | 65-120 | |
| Di-n-butyl phthalate | 3.33 | 2.77 | 83 | 66-120 | |
| Di-n-octyl phthalate | 3.33 | 2.83 | 85 | 61-123 | |
| Fluoranthene | 3.33 | 2.72 | 82 | 61-120 | |
| Fluorene | 3.33 | 2.77 | 83 | 64-120 | |
| Hexachlorobenzene | 3.33 | 2.84 | 85 | 66-120 | |
| Hexachlorobutadiene | 3.33 | 2.68 | 80 | 62-120 | |
| Hexachlorocyclopentadiene | 3.33 | 3.75 | 113 | 13-120 | |
| Hexachloroethane | 3.33 | 2.63 | 79 | 61-120 | |
| Indeno[1,2,3-cd]pyrene | 3.33 | 2.96 | 89 | 71-137 | |
| Isophorone | 3.33 | 2.70 | 81 | 61-120 | |
| Naphthalene | 3.33 | 2.69 | 81 | 63-120 | |
| Nitrobenzene | 3.33 | 2.72 | 82 | 63-120 | |
| N-Nitrosodi-n-propylamine | 3.33 | 2.75 | 83 | 56-120 | |
| N-Nitrosodiphenylamine | 3.33 | 2.77 | 83 | 63-120 | |
| Pentachlorophenol | 6.67 | 5.30 | 80 | 61-126 | |
| Phenanthrene | 3.33 | 2.77 | 83 | 66-120 | |
| Phenol | 3.33 | 2.65 | 79 | 63-120 | |
| Pyrene | 3.33 | 2.74 | 82 | 61-121 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N56275.d

Lab ID: LCSD 460-1020073/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 80.0 | 68.6 | 86 | 1 | 30 | 52-129 | |
| 1,2,4,5-Tetrachlorobenzene | 80.0 | 67.5 | 84 | 1 | 30 | 40-136 | |
| 2,2'-oxybis[1-chloropropane] | 80.0 | 67.6 | 85 | 0 | 30 | 47-133 | |
| 2,3,4,6-Tetrachlorophenol | 80.0 | 82.2 | 103 | 0 | 30 | 63-131 | |
| 2,4,5-Trichlorophenol | 80.0 | 80.9 | 101 | 2 | 30 | 63-124 | |
| 2,4,6-Trichlorophenol | 80.0 | 80.0 | 100 | 2 | 30 | 66-131 | |
| 2,4-Dichlorophenol | 80.0 | 72.3 | 90 | 1 | 30 | 60-120 | |
| 2,4-Dimethylphenol | 80.0 | 86.6 | 108 | 2 | 30 | 37-120 | |
| 2,4-Dinitrophenol | 160 | 166 | 104 | 2 | 30 | 50-148 | |
| 2,4-Dinitrotoluene | 80.0 | 88.7 | 111 | 4 | 30 | 71-142 | |
| 2,6-Dinitrotoluene | 80.0 | 85.4 | 107 | 3 | 30 | 71-136 | |
| 2-Chloronaphthalene | 80.0 | 67.9 | 85 | 0 | 30 | 50-129 | |
| 2-Chlorophenol | 80.0 | 60.1 | 75 | 0 | 30 | 49-120 | |
| 2-Methylnaphthalene | 80.0 | 57.9 | 72 | 0 | 30 | 42-134 | |
| 2-Methylphenol | 80.0 | 57.6 | 72 | 0 | 30 | 35-120 | |
| 2-Nitroaniline | 80.0 | 79.5 | 99 | 0 | 30 | 57-134 | |
| 2-Nitrophenol | 80.0 | 72.7 | 91 | 0 | 30 | 62-124 | |
| 3,3'-Dichlorobenzidine | 80.0 | 73.9 | 92 | 4 | 30 | 55-145 | |
| 3-Nitroaniline | 80.0 | 75.0 | 94 | 4 | 30 | 51-120 | |
| 4,6-Dinitro-2-methylphenol | 160 | 175 | 109 | 1 | 30 | 65-145 | |
| 4-Bromophenyl phenyl ether | 80.0 | 87.3 | 109 | 5 | 30 | 59-132 | |
| 4-Chloro-3-methylphenol | 80.0 | 74.3 | 93 | 2 | 30 | 54-120 | |
| 4-Chloroaniline | 80.0 | 72.8 | 91 | 0 | 30 | 43-120 | |
| 4-Chlorophenyl phenyl ether | 80.0 | 79.8 | 100 | 1 | 30 | 65-127 | |
| 4-Methylphenol | 80.0 | 52.1 | 65 | 1 | 30 | 28-120 | |
| 4-Nitroaniline | 80.0 | 78.7 | 98 | 9 | 30 | 57-135 | |
| 4-Nitrophenol | 160 | 64.8 | 40 | 4 | 30 | 10-120 | |
| Acenaphthene | 80.0 | 72.1 | 90 | 0 | 30 | 62-127 | |
| Acenaphthylene | 80.0 | 76.0 | 95 | 1 | 30 | 58-122 | |
| Acetophenone | 80.0 | 70.7 | 88 | 1 | 30 | 65-125 | |
| Anthracene | 80.0 | 81.4 | 102 | 0 | 30 | 67-127 | |
| Atrazine | 40.0 | 52.9 | 132 | 1 | 30 | 13-150 | |
| Benzaldehyde | 40.0 | 41.9 | 105 | 1 | 30 | 10-150 | |
| Benzo[a]anthracene | 80.0 | 83.4 | 104 | 1 | 30 | 71-131 | |
| Benzo[a]pyrene | 80.0 | 91.0 | 114 | 2 | 30 | 75-148 | |
| Benzo[b]fluoranthene | 80.0 | 87.0 | 109 | 6 | 30 | 70-140 | |
| Benzo[g,h,i]perylene | 80.0 | 93.7 | 117 | 3 | 30 | 52-143 | |
| Benzo[k]fluoranthene | 80.0 | 89.8 | 112 | 1 | 30 | 71-140 | |
| Bis(2-chloroethoxy)methane | 80.0 | 73.8 | 92 | 1 | 30 | 63-122 | |
| Bis(2-chloroethyl)ether | 80.0 | 70.0 | 87 | 1 | 30 | 61-125 | |
| Bis(2-ethylhexyl) phthalate | 80.0 | 88.6 | 111 | 1 | 30 | 65-144 | |
| Butyl benzyl phthalate | 80.0 | 92.8 | 116 | 1 | 30 | 67-141 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: N56275.d

Lab ID: LCSD 460-1020073/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Caprolactam | 40.0 | 11.6 | 29 | 2 | 30 | 10-120 | |
| Carbazole | 80.0 | 79.3 | 99 | 6 | 30 | 68-132 | |
| Chrysene | 80.0 | 80.1 | 100 | 1 | 30 | 70-132 | |
| Dibenz(a,h)anthracene | 80.0 | 89.6 | 112 | 3 | 30 | 53-150 | |
| Dibenzofuran | 80.0 | 74.6 | 93 | 1 | 30 | 64-125 | |
| Diethyl phthalate | 80.0 | 80.9 | 101 | 2 | 30 | 67-131 | |
| Dimethyl phthalate | 80.0 | 83.2 | 104 | 1 | 30 | 67-129 | |
| Di-n-butyl phthalate | 80.0 | 84.4 | 106 | 5 | 30 | 71-139 | |
| Di-n-octyl phthalate | 80.0 | 96.8 | 121 | 4 | 30 | 51-150 | |
| Fluoranthene | 80.0 | 79.9 | 100 | 9 | 30 | 69-137 | |
| Fluorene | 80.0 | 76.3 | 95 | 2 | 30 | 67-125 | |
| Hexachlorobenzene | 80.0 | 87.7 | 110 | 3 | 30 | 62-135 | |
| Hexachlorobutadiene | 80.0 | 42.3 | 53 | 1 | 30 | 10-147 | |
| Hexachlorocyclopentadiene | 80.0 | 67.4 | 84 | 2 | 30 | 10-135 | |
| Hexachloroethane | 80.0 | 31.0 | 39 | 1 | 30 | 10-138 | |
| Indeno[1,2,3-cd]pyrene | 80.0 | 91.8 | 115 | 3 | 30 | 59-150 | |
| Isophorone | 80.0 | 78.4 | 98 | 0 | 30 | 65-128 | |
| Naphthalene | 80.0 | 56.5 | 71 | 1 | 30 | 39-126 | |
| Nitrobenzene | 80.0 | 75.2 | 94 | 0 | 30 | 66-127 | |
| N-Nitrosodi-n-propylamine | 80.0 | 74.3 | 93 | 2 | 30 | 63-133 | |
| N-Nitrosodiphenylamine | 80.0 | 80.4 | 100 | 2 | 30 | 66-128 | |
| Pentachlorophenol | 160 | 166 | 104 | 1 | 30 | 60-140 | |
| Phenanthrene | 80.0 | 80.7 | 101 | 0 | 30 | 68-126 | |
| Phenol | 80.0 | 28.3 | 35 | 1 | 30 | 10-80 | |
| Pyrene | 80.0 | 95.5 | 119 | 12 | 30 | 60-137 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Matrix: Solid  Level: Low  Lab File ID: X62076.d

Lab ID: LCSD 460-1020235/3-A  Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 1,1'-Biphenyl | 3.33 | 2.82 | 85 | 3 | 30 | 64-120 | |
| 1,2,4,5-Tetrachlorobenzene | 3.33 | 2.79 | 84 | 3 | 30 | 60-120 | |
| 1,4-Dioxane | 3.33 | 2.31 | 69 | 3 | 30 | 27-120 | |
| 2,2'-oxybis[1-chloropropane] | 3.33 | 2.65 | 79 | 2 | 30 | 46-126 | |
| 2,3,4,6-Tetrachlorophenol | 3.33 | 2.71 | 81 | 2 | 30 | 62-120 | |
| 2,4,5-Trichlorophenol | 3.33 | 2.82 | 85 | 2 | 30 | 64-120 | |
| 2,4,6-Trichlorophenol | 3.33 | 2.88 | 86 | 4 | 30 | 65-120 | |
| 2,4-Dichlorophenol | 3.33 | 2.79 | 84 | 1 | 30 | 66-120 | |
| 2,4-Dimethylphenol | 3.33 | 3.34 | 100 | 3 | 30 | 46-120 | |
| 2,4-Dinitrophenol | 6.67 | 4.77 | 72 | 5 | 30 | 41-129 | |
| 2,4-Dinitrotoluene | 3.33 | 2.93 | 88 | 5 | 30 | 65-124 | |
| 2,6-Dinitrotoluene | 3.33 | 2.87 | 86 | 2 | 30 | 67-121 | |
| 2-Chloronaphthalene | 3.33 | 2.84 | 85 | 3 | 30 | 64-120 | |
| 2-Chlorophenol | 3.33 | 2.74 | 82 | 2 | 30 | 63-120 | |
| 2-Methylnaphthalene | 3.33 | 2.50 | 75 | 4 | 30 | 64-120 | |
| 2-Methylphenol | 3.33 | 2.76 | 83 | 1 | 30 | 63-120 | |
| 2-Nitroaniline | 3.33 | 2.68 | 81 | 2 | 30 | 48-120 | |
| 2-Nitrophenol | 3.33 | 2.77 | 83 | 3 | 30 | 64-120 | |
| 3,3'-Dichlorobenzidine | 3.33 | 1.66 | 50 | 12 | 30 | 10-120 | |
| 3-Nitroaniline | 3.33 | 2.07 | 62 | 8 | 30 | 18-122 | |
| 4,6-Dinitro-2-methylphenol | 6.67 | 5.67 | 85 | 6 | 30 | 58-136 | |
| 4-Bromophenyl phenyl ether | 3.33 | 2.94 | 88 | 6 | 30 | 60-120 | |
| 4-Chloro-3-methylphenol | 3.33 | 2.71 | 81 | 2 | 30 | 66-120 | |
| 4-Chloroaniline | 3.33 | 1.45 | 43 | 14 | 30 | 10-120 | |
| 4-Chlorophenyl phenyl ether | 3.33 | 2.82 | 85 | 2 | 30 | 62-120 | |
| 4-Methylphenol | 3.33 | 2.73 | 82 | 3 | 30 | 61-120 | |
| 4-Nitroaniline | 3.33 | 2.53 | 76 | 2 | 30 | 51-120 | |
| 4-Nitrophenol | 6.67 | 5.02 | 75 | 6 | 30 | 42-132 | |
| Acenaphthene | 3.33 | 2.83 | 85 | 3 | 30 | 65-120 | |
| Acenaphthylene | 3.33 | 3.01 | 90 | 3 | 30 | 64-120 | |
| Acetophenone | 3.33 | 2.62 | 79 | 1 | 30 | 61-120 | |
| Anthracene | 3.33 | 2.86 | 86 | 4 | 30 | 67-120 | |
| Atrazine | 1.33 | 1.37 | 103 | 4 | 30 | 32-150 | |
| Benzaldehyde | 1.33 | 1.25 | 94 | 2 | 30 | 28-150 | |
| Benzo[a]anthracene | 3.33 | 2.89 | 87 | 4 | 30 | 66-120 | |
| Benzo[a]pyrene | 3.33 | 3.05 | 92 | 3 | 30 | 73-123 | |
| Benzo[b]fluoranthene | 3.33 | 3.07 | 92 | 4 | 30 | 70-125 | |
| Benzo[g,h,i]perylene | 3.33 | 3.24 | 97 | 3 | 30 | 66-120 | |
| Benzo[k]fluoranthene | 3.33 | 2.84 | 85 | 3 | 30 | 67-122 | |
| Bis(2-chloroethoxy)methane | 3.33 | 2.77 | 83 | 4 | 30 | 62-120 | |
| Bis(2-chloroethyl)ether | 3.33 | 2.71 | 81 | 3 | 30 | 60-120 | |
| Bis(2-ethylhexyl) phthalate | 3.33 | 2.88 | 86 | 5 | 30 | 64-125 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: X62076.d

Lab ID: LCSD 460-1020235/3-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Butyl benzyl phthalate | 3.33 | 2.89 | 87 | 5 | 30 | 62-127 | |
| Caprolactam | 1.33 | 1.36 | 102 | 2 | 30 | 36-150 | |
| Carbazole | 3.33 | 2.83 | 85 | 4 | 30 | 64-120 | |
| Chrysene | 3.33 | 2.79 | 84 | 3 | 30 | 67-120 | |
| Dibenz(a,h)anthracene | 3.33 | 3.00 | 90 | 3 | 30 | 66-128 | |
| Dibenzofuran | 3.33 | 2.80 | 84 | 3 | 30 | 61-120 | |
| Diethyl phthalate | 3.33 | 2.78 | 83 | 3 | 30 | 63-120 | |
| Dimethyl phthalate | 3.33 | 2.83 | 85 | 3 | 30 | 65-120 | |
| Di-n-butyl phthalate | 3.33 | 2.88 | 86 | 4 | 30 | 66-120 | |
| Di-n-octyl phthalate | 3.33 | 2.97 | 89 | 5 | 30 | 61-123 | |
| Fluoranthene | 3.33 | 2.81 | 84 | 3 | 30 | 61-120 | |
| Fluorene | 3.33 | 2.83 | 85 | 2 | 30 | 64-120 | |
| Hexachlorobenzene | 3.33 | 2.96 | 89 | 4 | 30 | 66-120 | |
| Hexachlorobutadiene | 3.33 | 2.74 | 82 | 2 | 30 | 62-120 | |
| Hexachlorocyclopentadiene | 3.33 | 3.81 | 114 | 1 | 30 | 13-120 | |
| Hexachloroethane | 3.33 | 2.72 | 81 | 3 | 30 | 61-120 | |
| Indeno[1,2,3-cd]pyrene | 3.33 | 3.06 | 92 | 3 | 30 | 71-137 | |
| Isophorone | 3.33 | 2.76 | 83 | 2 | 30 | 61-120 | |
| Naphthalene | 3.33 | 2.73 | 82 | 2 | 30 | 63-120 | |
| Nitrobenzene | 3.33 | 2.81 | 84 | 3 | 30 | 63-120 | |
| N-Nitrosodi-n-propylamine | 3.33 | 2.85 | 86 | 4 | 30 | 56-120 | |
| N-Nitrosodiphenylamine | 3.33 | 2.85 | 86 | 3 | 30 | 63-120 | |
| Pentachlorophenol | 6.67 | 5.42 | 81 | 2 | 30 | 61-126 | |
| Phenanthrene | 3.33 | 2.83 | 85 | 2 | 30 | 66-120 | |
| Phenol | 3.33 | 2.71 | 81 | 2 | 30 | 63-120 | |
| Pyrene | 3.33 | 2.85 | 86 | 4 | 30 | 61-121 | |

# Column to be used to flag recovery and RPD values

FORM III 8270E

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: N56276.d  Lab Sample ID: MB 460-1020073/1-A

Matrix: Water  Date Extracted: 02/07/2025 06:22

Instrument ID: CBNAMS14  Date Analyzed: 02/07/2025 13:08

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020073/2-A | N56273.d | 02/07/2025 12:05 |
| | LCSD 460-1020073/3-A | N56275.d | 02/07/2025 12:47 |
| FB_02052025 | 460-319954-7 | N56288.d | 02/07/2025 17:22 |

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: X62077.d  Lab Sample ID: MB 460-1020235/1-A

Matrix: Solid  Date Extracted: 02/07/2025 19:33

Instrument ID: CBNAMS5  Date Analyzed: 02/08/2025 15:48

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 460-1020235/2-A | X62075.d | 02/08/2025 15:09 |
| | LCSD 460-1020235/3-A | X62076.d | 02/08/2025 15:29 |
| RX-20-01_0-2 | 460-319954-3 | X62087.d | 02/08/2025 18:59 |
| RX-22-01_0-2 | 460-319954-4 | X62093.d | 02/08/2025 20:54 |
| RX-18-01_0-2 | 460-319954-2 | X62096.d | 02/08/2025 21:52 |
| RX-21-01_0-2 | 460-319954-1 | X62097.d | 02/08/2025 22:12 |
| RX-19-01_0-2 | 460-319954-5 | X62098.d | 02/08/2025 22:31 |
| DUP_02052025 | 460-319954-6 | X62134.d | 02/10/2025 20:07 |

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: N56118.d  DFTPP Injection Date: 01/29/2025

Instrument ID: CBNAMS14  DFTPP Injection Time: 06:40

Analysis Batch No.: 1018504

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE |
|---|---|---|
| 68 | Less than 2% of m/z 69 | 0.0 (0.0) 1 |
| 69 | Present | 32.2 |
| 70 | Less than 2% of m/z 69 | 0.2 (0.5) 1 |
| 197 | Less than 2% of m/z 198 | 0.0 |
| 198 | Base Peak | 100.0 |
| 199 | 5-9% of m/z 198 | 6.8 |
| 365 | Greater than 1% of Base Peak | 4.2 |
| 441 | Less than 150% of m/z 443 | 29.7 (84.0) 3 |
| 442 | Present | 181.8 |
| 443 | 15-24% of m/z 442 | 35.3 (19.4) 2 |

1-Value is % mass 69  2-Value is % mass 442  3-Value is % mass 443

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | ICIS 460-1018504/2 | N56121.d | 01/29/2025 | 7:32 |
| | STD24 460-1018504/3 | N56123.d | 01/29/2025 | 8:14 |
| | STD16 460-1018504/4 | N56125.d | 01/29/2025 | 8:56 |
| | STD4 460-1018504/5 | N56127.d | 01/29/2025 | 9:39 |
| | STD2 460-1018504/6 | N56129.d | 01/29/2025 | 10:21 |
| | STD1 460-1018504/7 | N56131.d | 01/29/2025 | 11:03 |
| | STD04 460-1018504/8 | N56133.d | 01/29/2025 | 11:46 |
| | STD02 460-1018504/9 | N56135.d | 01/29/2025 | 12:28 |
| | STD01 460-1018504/10 | N56137.d | 01/29/2025 | 13:11 |
| | ICV 460-1018504/11 | N56140.d | 01/29/2025 | 14:14 |

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab File ID: X61914.d  DFTPP Injection Date: 02/04/2025

Instrument ID: CBNAMS5  DFTPP Injection Time: 05:47

Analysis Batch No.: 1019460

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 68 | Less than 2% of m/z 69 | 0.4 | (1.1) 1 |
| 69 | Present | 39.4 | |
| 70 | Less than 2% of m/z 69 | 0.2 | (0.4) 1 |
| 197 | Less than 2% of m/z 198 | 0.0 | |
| 198 | Base Peak | 100.0 | |
| 199 | 5-9% of m/z 198 | 7.0 | |
| 365 | Greater than 1% of Base Peak | 4.5 | |
| 441 | Less than 150% of m/z 443 | 27.3 | (84.9) 3 |
| 442 | Present | 171.5 | |
| 443 | 15-24% of m/z 442 | 32.1 | (18.7) 2 |

1-Value is % mass 69  2-Value is % mass 442  3-Value is % mass 443

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

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | ICIS 460-1019460/2 | X61915.d | 02/04/2025 | 6:01 |
| | STD120 460-1019460/3 | X61916.d | 02/04/2025 | 6:20 |
| | STD80 460-1019460/4 | X61917.d | 02/04/2025 | 6:39 |
| | STD20 460-1019460/5 | X61918.d | 02/04/2025 | 6:58 |
| | STD10 460-1019460/6 | X61919.d | 02/04/2025 | 7:17 |
| | STD5 460-1019460/7 | X61920.d | 02/04/2025 | 7:37 |
| | STD2 460-1019460/8 | X61921.d | 02/04/2025 | 7:56 |
| | STD1 460-1019460/9 | X61922.d | 02/04/2025 | 8:15 |
| | STD05 460-1019460/10 | X61923.d | 02/04/2025 | 8:34 |
| | ICV 460-1019460/11 | X61924.d | 02/04/2025 | 8:54 |

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: ICIS 460-1018504/2 Date Analyzed: 01/29/2025 07:32

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N56121.d Heated Purge: (Y/N) N

Calibration ID: 100051

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 583523 | 3.31 | 1911976 | 4.58 | 927267 | 6.26 |
| UPPER LIMIT | | 1167046 | 3.81 | 3823952 | 5.08 | 1854534 | 6.76 |
| LOWER LIMIT | | 291762 | 2.81 | 955988 | 4.08 | 463634 | 5.76 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1018504/11 | | 576849 | 3.31 | 1925472 | 4.58 | 940237 | 6.26 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: ICIS 460-1018504/2  Date Analyzed: 01/29/2025 07:32

Instrument ID: CBNAMS14  GC Column: Rtxi-5Sil MS  ID: 0.25(mm)

Lab File ID (Standard): N56121.d  Heated Purge: (Y/N) N

Calibration ID: 100051

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 1587648 | 7.65 | 1110173 | 10.12 | 1121260 | 11.59 |
| UPPER LIMIT | | 3175296 | 8.15 | 2220346 | 10.62 | 2242520 | 12.09 |
| LOWER LIMIT | | 793824 | 7.15 | 555087 | 9.62 | 560630 | 11.09 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1018504/11 | | 1600307 | 7.65 | 1158037 | 10.12 | 1154946 | 11.60 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020114/2 Date Analyzed: 02/07/2025 11:23

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): N56271.d Heated Purge: (Y/N) N

Calibration ID: 100051

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 737518 | 3.30 | 2341956 | 4.57 | 1148647 | 6.26 |
| UPPER LIMIT | | 1475036 | 3.80 | 4683912 | 5.07 | 2297294 | 6.76 |
| LOWER LIMIT | | 368759 | 2.80 | 1170978 | 4.07 | 574324 | 5.76 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020073/2-A | | 761751 | 3.31 | 2483692 | 4.58 | 1245032 | 6.25 |
| LCSD 460-1020073/3-A | | 903362 | 3.31 | 2954640 | 4.58 | 1466575 | 6.26 |
| MB 460-1020073/1-A | | 840399 | 3.31 | 2860466 | 4.57 | 1494226 | 6.25 |
| 460-319954-7 | FB_02052025 | 898159 | 3.31 | 3067021 | 4.57 | 1587967 | 6.25 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020114/2  Date Analyzed: 02/07/2025 11:23

Instrument ID: CBNAMS14  GC Column: Rtxi-5Sil MS  ID: 0.25(mm)

Lab File ID (Standard): N56271.d  Heated Purge: (Y/N) N

Calibration ID: 100051

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 2016418 | 7.64 | 1440893 | 10.12 | 1356554 | 11.60 |
| UPPER LIMIT | | 4032836 | 8.14 | 2881786 | 10.62 | 2713108 | 12.10 |
| LOWER LIMIT | | 1008209 | 7.14 | 720447 | 9.62 | 678277 | 11.10 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020073/2-A | | 2210276 | 7.64 | 1569665 | 10.12 | 1403418 | 11.59 |
| LCSD 460-1020073/3-A | | 2468983 | 7.65 | 1394011 | 10.12 | 1256103 | 11.59 |
| MB 460-1020073/1-A | | 2731285 | 7.64 | 1957123 | 10.11 | 1653382 | 11.59 |
| 460-319954-7 | FB_02052025 | 2829192 | 7.64 | 1944703 | 10.12 | 1656742 | 11.59 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: ICIS 460-1019460/2 Date Analyzed: 02/04/2025 06:01

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X61915.d Heated Purge: (Y/N) N

Calibration ID: 100079

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 159902 | 3.05 | 602466 | 4.17 | 316584 | 5.71 |
| UPPER LIMIT | | 319804 | 3.55 | 1204932 | 4.67 | 633168 | 6.21 |
| LOWER LIMIT | | 79951 | 2.55 | 301233 | 3.67 | 158292 | 5.21 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1019460/11 | | 168807 | 3.05 | 638669 | 4.17 | 328259 | 5.71 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: ICIS 460-1019460/2  Date Analyzed: 02/04/2025 06:01

Instrument ID: CBNAMS5  GC Column: Rtxi-5Sil MS  ID: 0.25(mm)

Lab File ID (Standard): X61915.d  Heated Purge: (Y/N) N

Calibration ID: 100079

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 619828 | 7.02 | 538559 | 9.40 | 653251 | 10.84 |
| UPPER LIMIT | | 1239656 | 7.52 | 1077118 | 9.90 | 1306502 | 11.34 |
| LOWER LIMIT | | 309914 | 6.52 | 269280 | 8.90 | 326626 | 10.34 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1019460/11 | | 635300 | 7.02 | 566182 | 9.39 | 673909 | 10.83 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020312/2 Date Analyzed: 02/08/2025 14:20

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X62073.d Heated Purge: (Y/N) N

Calibration ID: 100079

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 150849 | 3.04 | 580080 | 4.16 | 300520 | 5.70 |
| UPPER LIMIT | | 301698 | 3.54 | 1160160 | 4.66 | 601040 | 6.20 |
| LOWER LIMIT | | 75425 | 2.54 | 290040 | 3.66 | 150260 | 5.20 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020235/2-A | | 142601 | 3.05 | 538736 | 4.16 | 274337 | 5.71 |
| LCSD 460-1020235/3-A | | 155985 | 3.05 | 591606 | 4.16 | 303119 | 5.71 |
| MB 460-1020235/1-A | | 144170 | 3.04 | 545874 | 4.16 | 283956 | 5.71 |
| 460-319954-3 | RX-20-01_0-2 | 176708 | 3.05 | 661999 | 4.16 | 345858 | 5.71 |
| 460-319954-4 | RX-22-01_0-2 | 184829 | 3.05 | 685416 | 4.16 | 355309 | 5.71 |
| 460-319954-2 | RX-18-01_0-2 | 154797 | 3.05 | 579281 | 4.16 | 303031 | 5.71 |
| 460-319954-1 | RX-21-01_0-2 | 157701 | 3.05 | 590625 | 4.16 | 313246 | 5.71 |
| 460-319954-5 | RX-19-01_0-2 | 153261 | 3.05 | 591630 | 4.16 | 317792 | 5.71 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020312/2 Date Analyzed: 02/08/2025 14:20

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X62073.d Heated Purge: (Y/N) N

Calibration ID: 100079

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 586436 | 7.01 | 513290 | 9.38 | 621227 | 10.82 |
| UPPER LIMIT | | 1172872 | 7.51 | 1026580 | 9.88 | 1242454 | 11.32 |
| LOWER LIMIT | | 293218 | 6.51 | 256645 | 8.88 | 310614 | 10.32 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020235/2-A | | 523026 | 7.01 | 456595 | 9.38 | 525862 | 10.83 |
| LCSD 460-1020235/3-A | | 575814 | 7.01 | 497168 | 9.39 | 579713 | 10.83 |
| MB 460-1020235/1-A | | 534048 | 7.00 | 464156 | 9.38 | 524992 | 10.83 |
| 460-319954-3 | RX-20-01_0-2 | 633026 | 7.01 | 551304 | 9.39 | 616808 | 10.84 |
| 460-319954-4 | RX-22-01_0-2 | 649547 | 7.01 | 548217 | 9.39 | 653621 | 10.84 |
| 460-319954-2 | RX-18-01_0-2 | 577034 | 7.02 | 517355 | 9.40 | 604473 | 10.85 |
| 460-319954-1 | RX-21-01_0-2 | 591922 | 7.01 | 537363 | 9.40 | 601794 | 10.85 |
| 460-319954-5 | RX-19-01_0-2 | 624491 | 7.02 | 559356 | 9.39 | 612517 | 10.85 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020469/2 Date Analyzed: 02/10/2025 10:15

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X62103.d Heated Purge: (Y/N) N

Calibration ID: 100079

| | | DCBd4 | | NPT | | ANT | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 148607 | 3.03 | 555520 | 4.15 | 295335 | 5.70 |
| UPPER LIMIT | | 297214 | 3.53 | 1111040 | 4.65 | 590670 | 6.20 |
| LOWER LIMIT | | 74304 | 2.53 | 277760 | 3.65 | 147668 | 5.20 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| 460-319954-6 | DUP_02052025 | 173807 | 3.03 | 666955 | 4.14 | 353128 | 5.69 |

DCBd4 = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

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

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020469/2 Date Analyzed: 02/10/2025 10:15

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil MS ID: 0.25(mm)

Lab File ID (Standard): X62103.d Heated Purge: (Y/N) N

Calibration ID: 100079

| | | PHN | | CRY | | PRY | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 567091 | 7.00 | 502750 | 9.38 | 608567 | 10.82 |
| UPPER LIMIT | | 1134182 | 7.50 | 1005500 | 9.88 | 1217134 | 11.32 |
| LOWER LIMIT | | 283546 | 6.50 | 251375 | 8.88 | 304284 | 10.32 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| 460-319954-6 | DUP_02052025 | 668042 | 6.99 | 592687 | 9.37 | 636381 | 10.82 |

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: X62097.d

Analysis Method: 8270E | Date Collected: 02/05/2025 08:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.02(g) | Date Analyzed: 02/08/2025 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.020 | J | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.085 | J | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 0.22 | J | 0.33 | 0.0095 |
| 208-96-8 | Acenaphthylene | 0.27 | J | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: X62097.d

Analysis Method: 8270E | Date Collected: 02/05/2025 08:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.02(g) | Date Analyzed: 02/08/2025 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.68 | | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.020 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 2.2 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 2.2 | | 0.033 | 0.0089 |
| 205-99-2 | Benzo[b]fluoranthene | 2.7 | | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 1.2 | | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 0.98 | | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.12 | J | 0.33 | 0.018 |
| 85-68-7 | Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.052 |
| 86-74-8 | Carbazole | 0.28 | J | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 2.2 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.34 | | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 0.15 | J | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 |
| 84-74-2 | Di-n-butyl phthalate | 0.042 | J | 0.33 | 0.013 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 4.7 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.21 | J | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 1.0 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 0.13 | J | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: X62097.d

Analysis Method: 8270E | Date Collected: 02/05/2025 08:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.02(g) | Date Analyzed: 02/08/2025 22:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 3.5 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 4.2 | | 0.33 | 0.0083 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 72 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 69 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 66 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 65 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 68 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 72 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d
Lims ID: 460-319954-E-1-C
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 22:12:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:27:59 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:53:26

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.068 | 2.055 | 0.013 | 96 | 160657 | 33.0 | |
| $ 6 Phenol-d5 | 99 | 2.770 | 2.767 | 0.003 | 99 | 215111 | 34.0 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.048 | 3.042 | 0.006 | 95 | 157701 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.527 | 3.527 | 0.000 | 86 | 185177 | 32.7 | |
| * 38 Naphthalene-d8 | 136 | 4.162 | 4.157 | 0.005 | 99 | 590625 | 40.0 | |
| 39 Naphthalene | 128 | 4.178 | 4.182 | 0.002 | 62 | 28575 | 1.91 | |
| 44 2-Methylnaphthalene | 142 | 4.798 | 4.797 | 0.006 | 80 | 12634 | 1.27 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.130 | 5.122 | 0.008 | 97 | 408626 | 34.7 | |
| 52 1,1'-Biphenyl | 154 | 5.213 | 5.208 | 0.005 | 74 | 3605 | 0.2977 | |
| 61 Acenaphthylene | 152 | 5.583 | 5.583 | 0.004 | 96 | 55867 | 3.97 | |
| * 65 Acenaphthene-d10 | 164 | 5.711 | 5.704 | 0.007 | 96 | 313246 | 40.0 | |
| 67 Acenaphthene | 154 | 5.737 | 5.733 | 0.004 | 81 | 28048 | 3.28 | |
| 71 Dibenzofuran | 168 | 5.894 | 5.891 | 0.008 | 92 | 28652 | 2.17 | |
| 75 Fluorene | 166 | 6.191 | 6.192 | 0.004 | 83 | 32269 | 3.11 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.409 | 6.402 | 0.007 | 90 | 91460 | 36.1 | |
| * 88 Phenanthrene-d10 | 188 | 7.014 | 7.006 | 0.008 | 99 | 591922 | 40.0 | |
| 89 Phenanthrene | 178 | 7.036 | 7.029 | 0.007 | 98 | 772387 | 52.4 | |
| 90 Anthracene | 178 | 7.078 | 7.104 | 0.005 | 97 | 154705 | 10.2 | |
| 91 Carbazole | 167 | 7.235 | 7.228 | 0.011 | 80 | 56248 | 4.12 | |
| 92 Di-n-butyl phthalate | 149 | 7.552 | 7.551 | 0.006 | 46 | 10681 | 0.6273 | |
| 93 Fluoranthene | 202 | 8.089 | 8.102 | 0.019 | 97 | 1164029 | 69.7 | |
| 95 Pyrene | 202 | 8.285 | 8.274 | 0.017 | 96 | 1112742 | 62.8 | |
| $ 96 Terphenyl-d14 | 244 | 8.429 | 8.416 | 0.013 | 97 | 571065 | 35.8 | |
| 101 Benzo[a]anthracene | 228 | 9.386 | 9.368 | 0.018 | 99 | 570867 | 32.4 | |
| * 102 Chrysene-d12 | 240 | 9.395 | 9.378 | 0.017 | 99 | 537363 | 40.0 | |
| 103 Chrysene | 228 | 9.421 | 9.408 | 0.018 | 95 | 564108 | 33.1 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.437 | 9.429 | 0.015 | 47 | 19415 | 1.74 | |
| 106 Benzo[b]fluoranthene | 252 | 10.467 | 10.458 | 0.022 | 97 | 673251 | 40.5 | |
| 107 Benzo[k]fluoranthene | 252 | 10.486 | 10.484 | 0.013 | 1 | 260536 | 14.7 | Ma |
| 108 Benzo[a]pyrene | 252 | 10.790 | 10.767 | 0.023 | 96 | 489670 | 32.1 | |
| * 109 Perylene-d12 | 264 | 10.848 | 10.822 | 0.026 | 99 | 601794 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.966 | 11.959 | 0.023 | 98 | 300176 | 14.9 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| 111 Dibenz(a,h)anthracene | 278 | 11.976 | 11.976 | 0.017 | 49 | 85133 | 5.09 | a |
| 112 Benzo[g,h,i]perylene | 276 | 12.277 | 12.266 | 0.027 | 94 | 277421 | 18.2 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

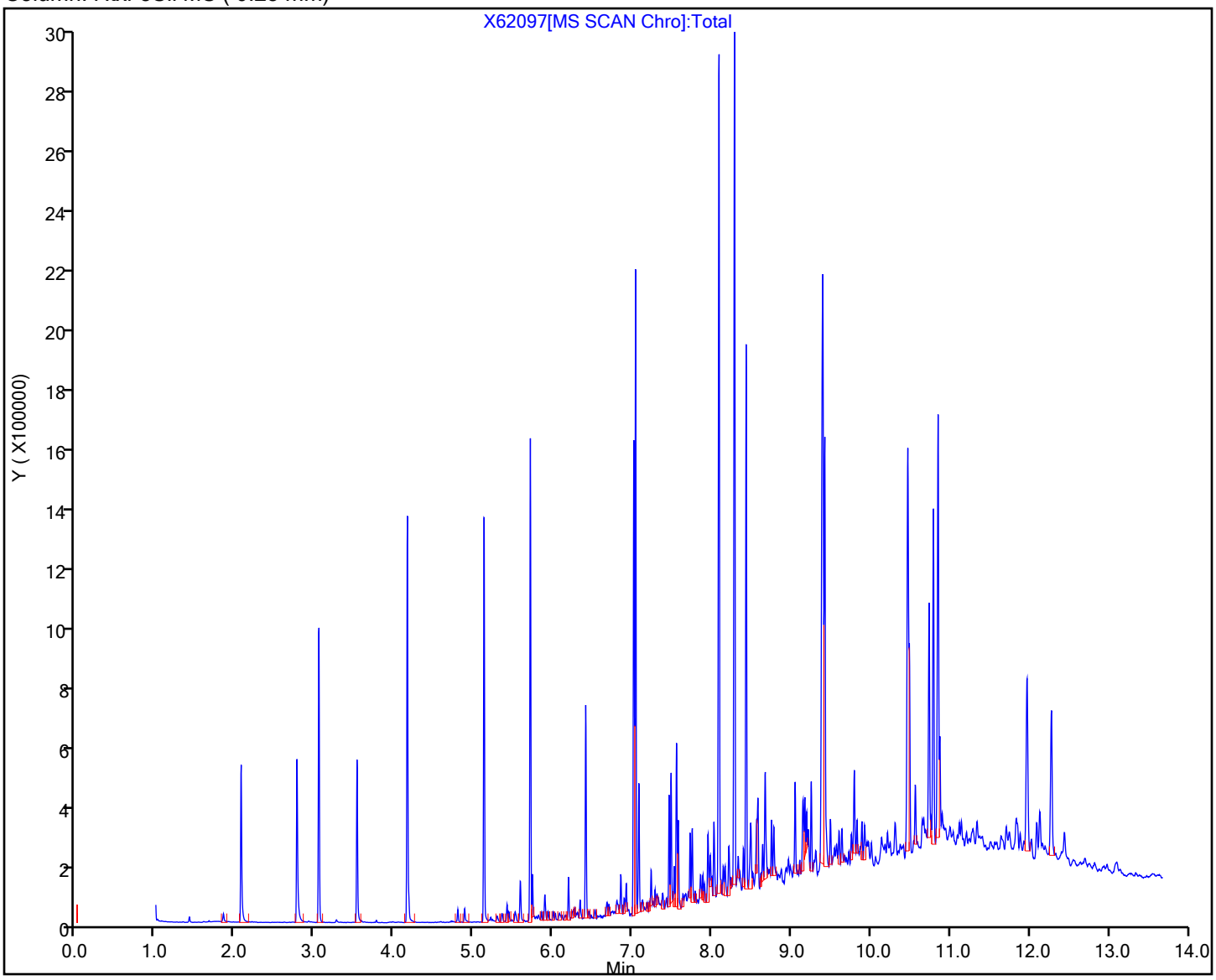
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d
Lims ID: 460-319954-E-1-C
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 22:12:30 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-026
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:27:59 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

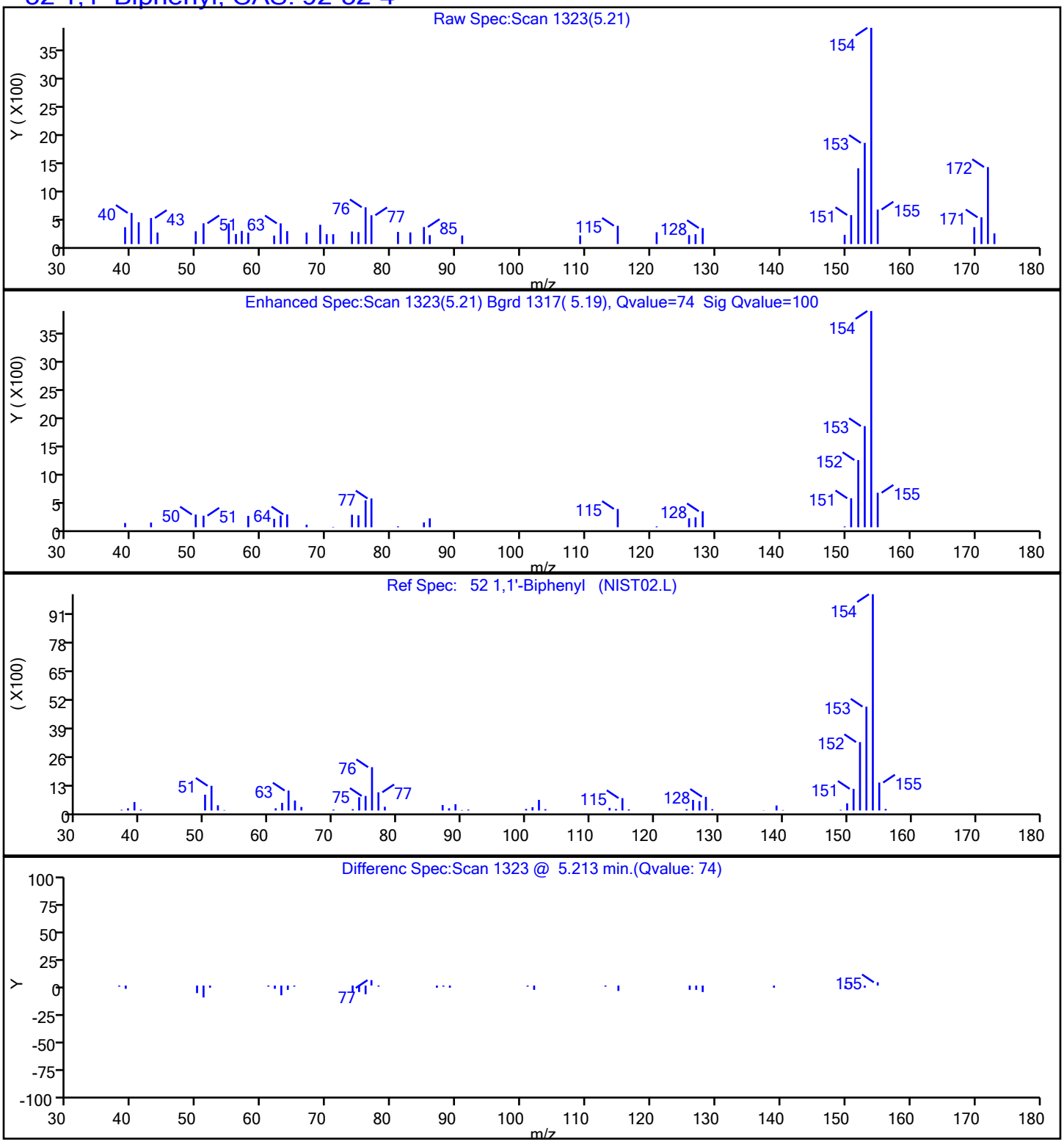
First Level Reviewer: U6BX Date: 09-Feb-2025 12:53:26

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 33.0 | 65.98 |
| $ 6 Phenol-d5 | 50.0 | 34.0 | 67.91 |
| $ 26 Nitrobenzene-d5 | 50.0 | 32.7 | 65.30 |
| $ 51 2-Fluorobiphenyl | 50.0 | 34.7 | 69.48 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 36.1 | 72.12 |
| $ 96 Terphenyl-d14 | 50.0 | 35.8 | 71.52 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4



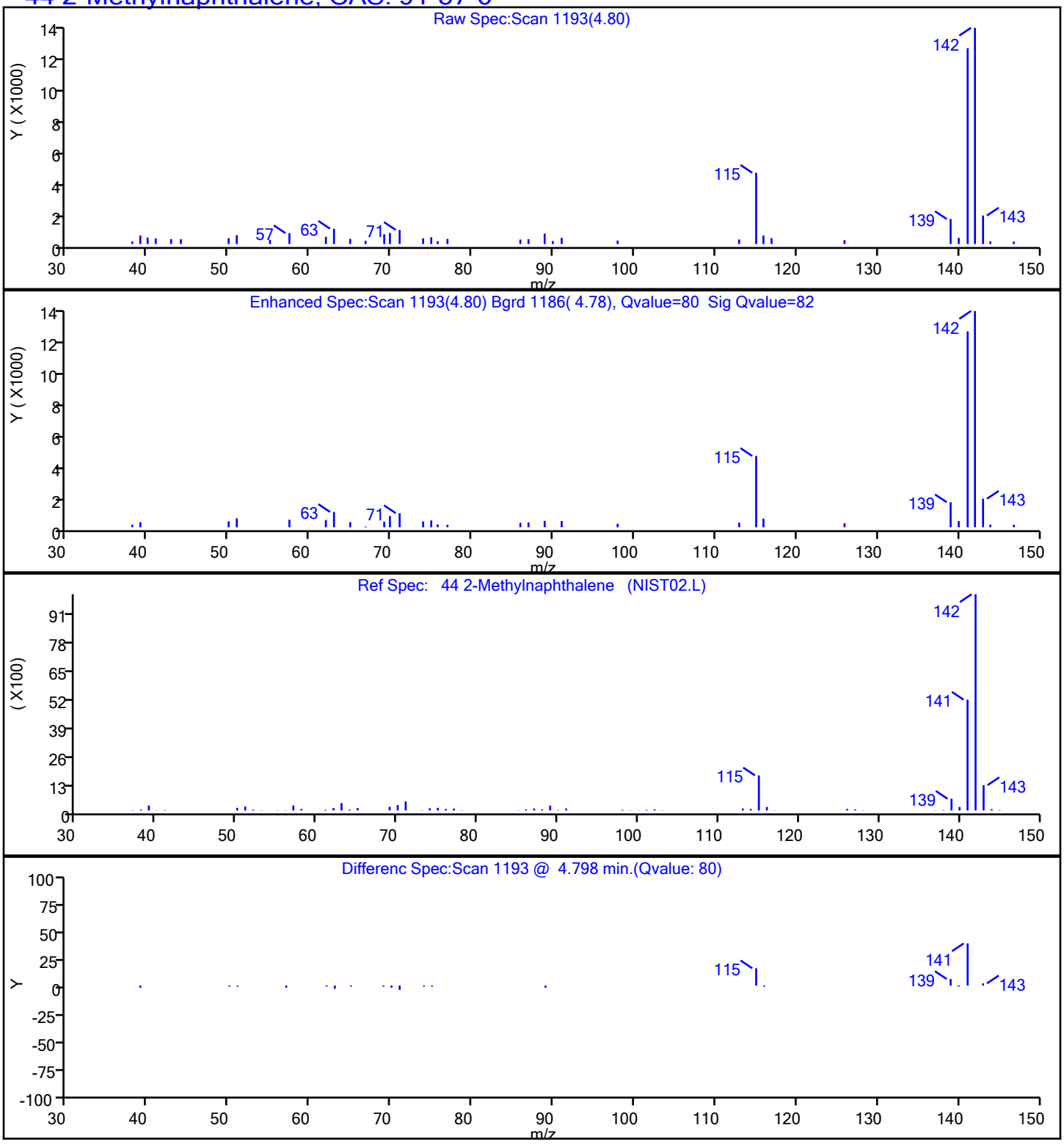
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

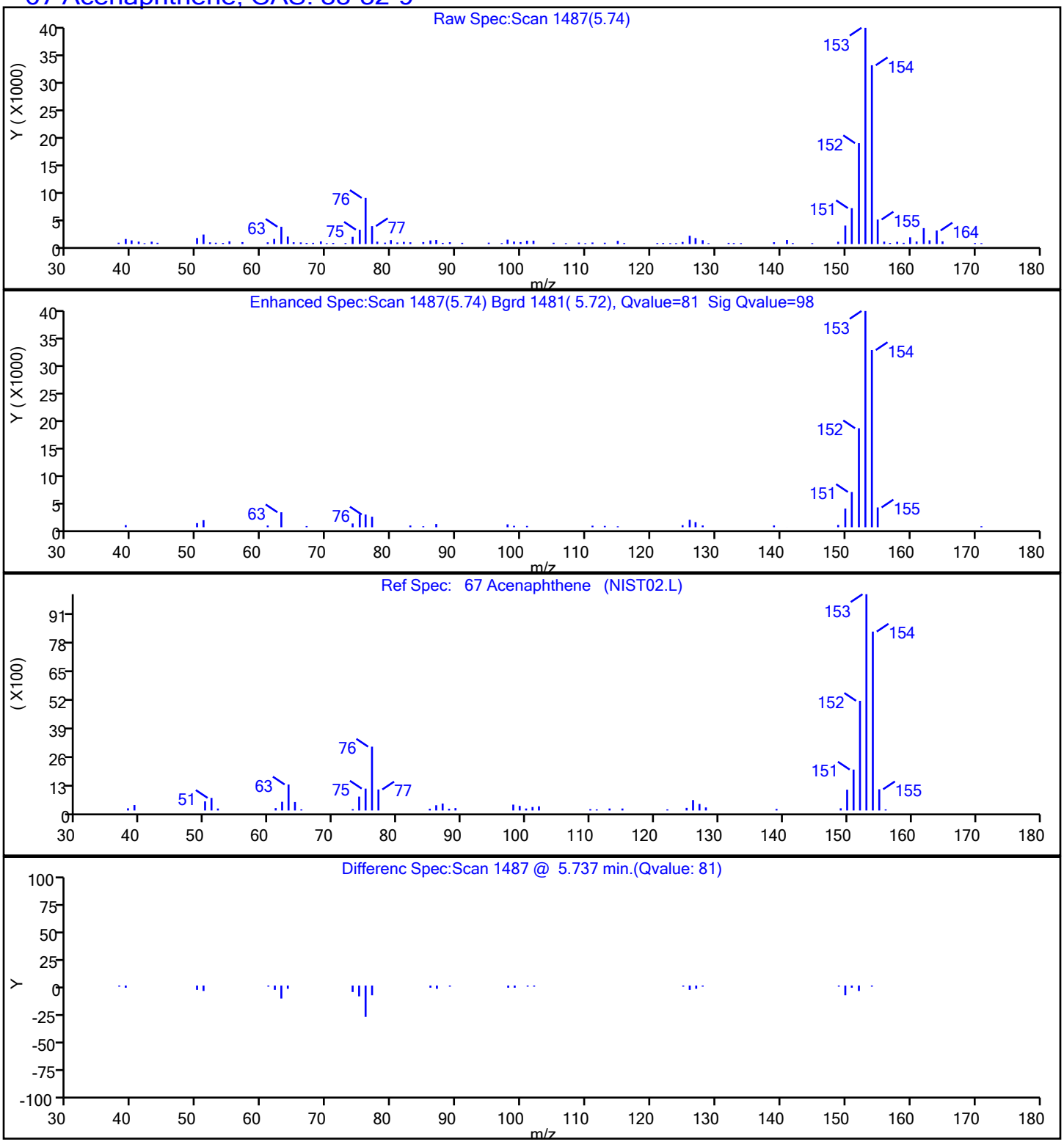
## 44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d
Injection Date: 08-Feb-2025 22:12:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-1-C Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

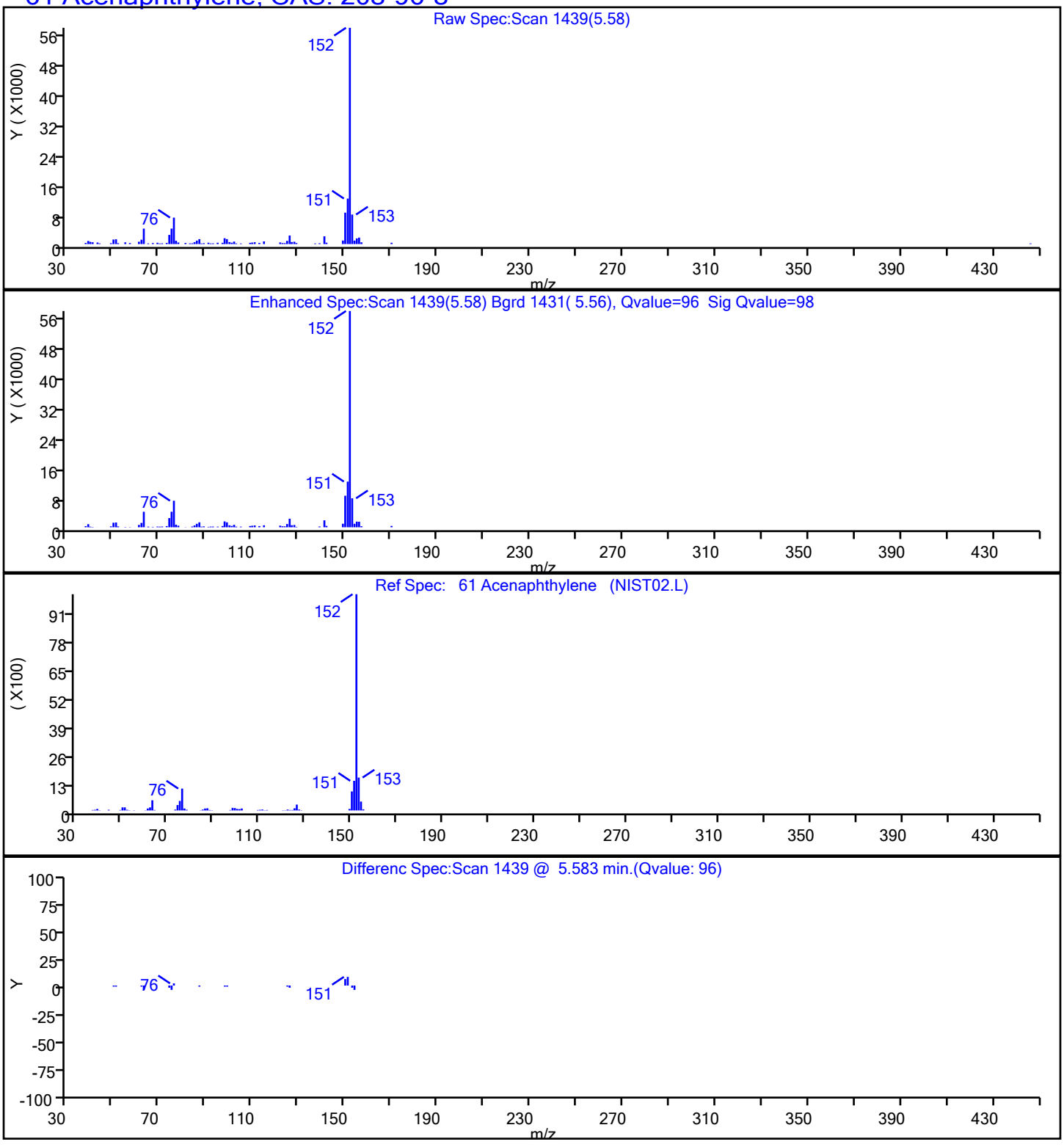
## 67 Acenaphthene, CAS: 83-32-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

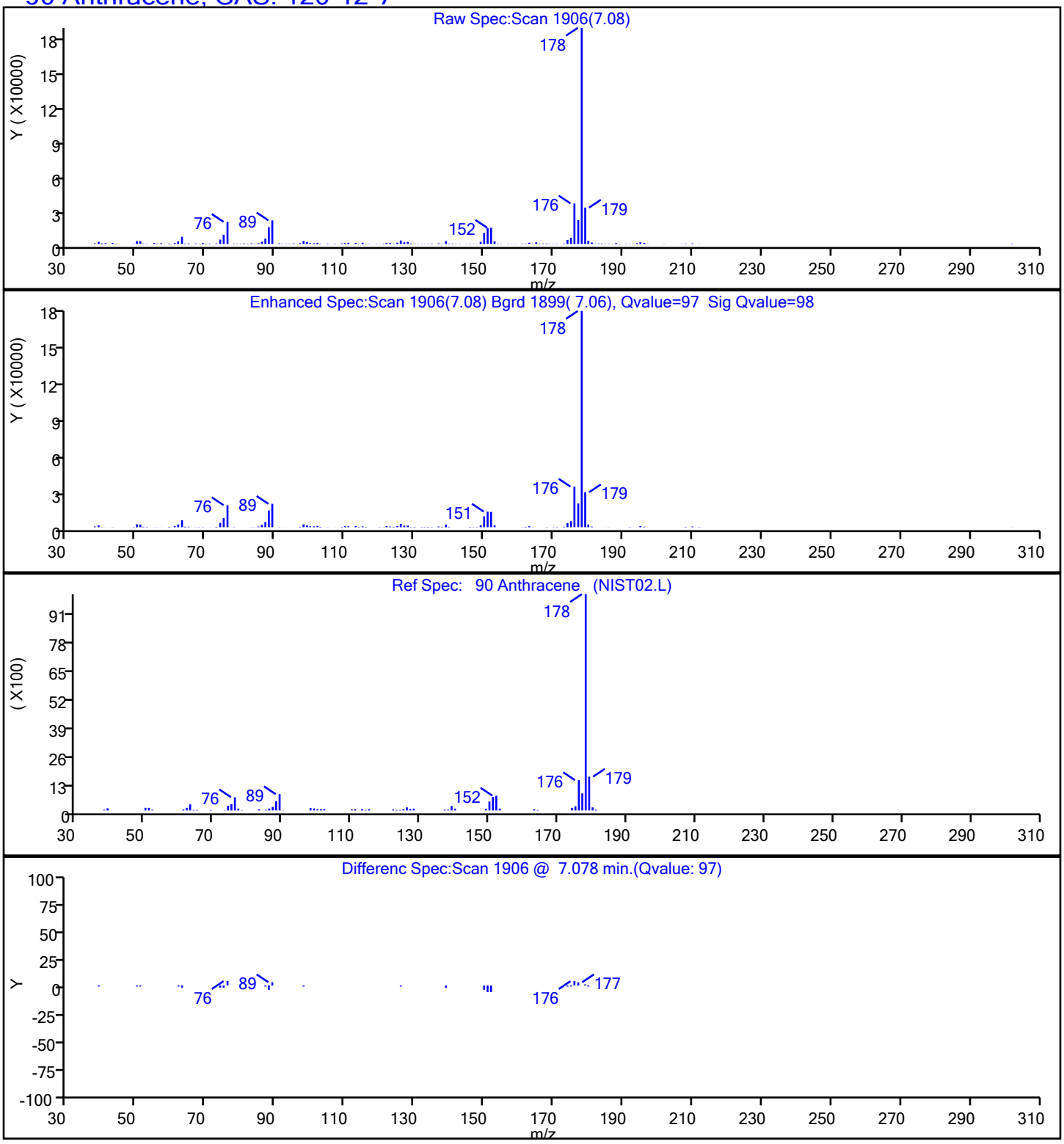
## 61 Acenaphthylene, CAS: 208-96-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7



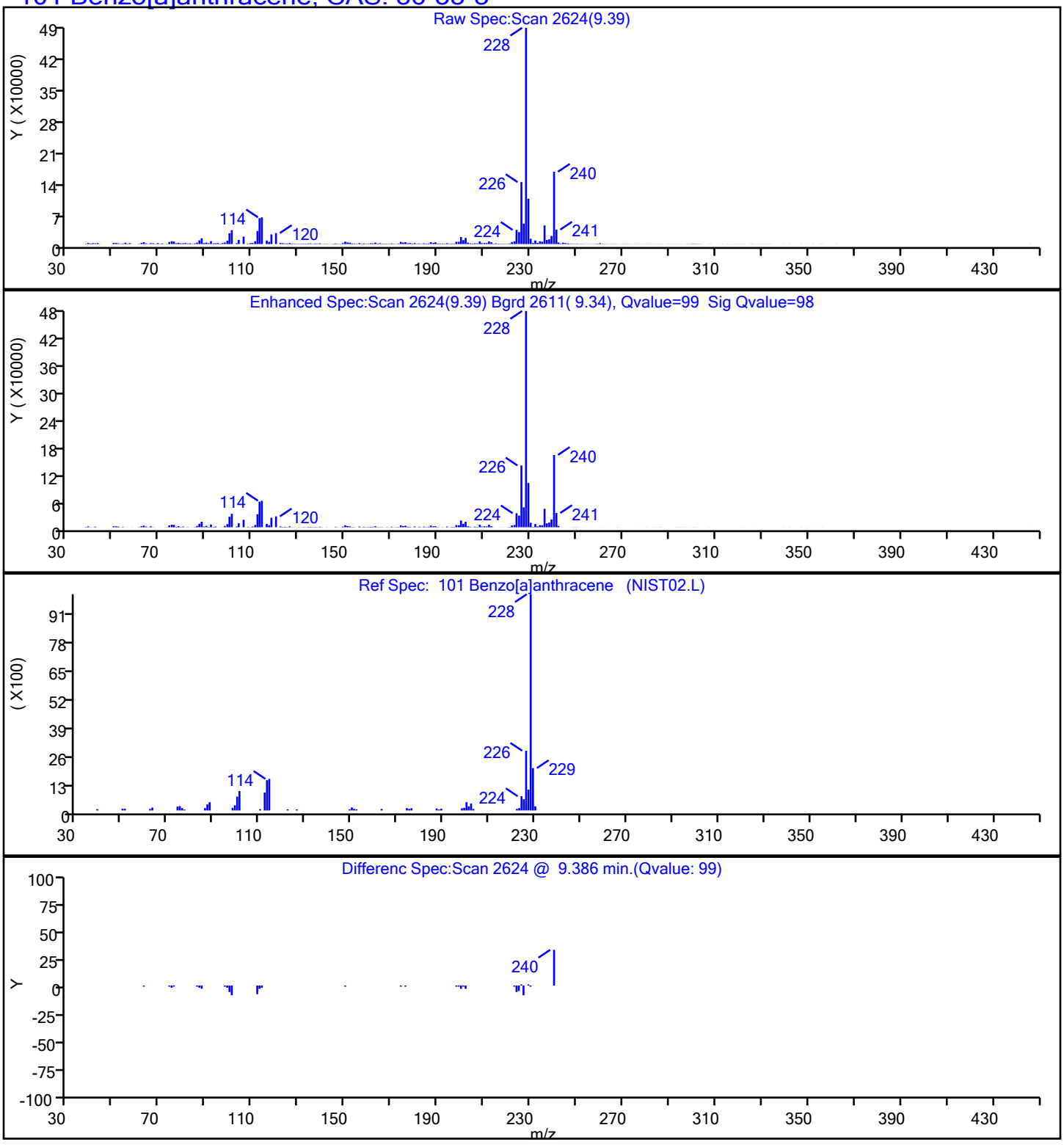
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3



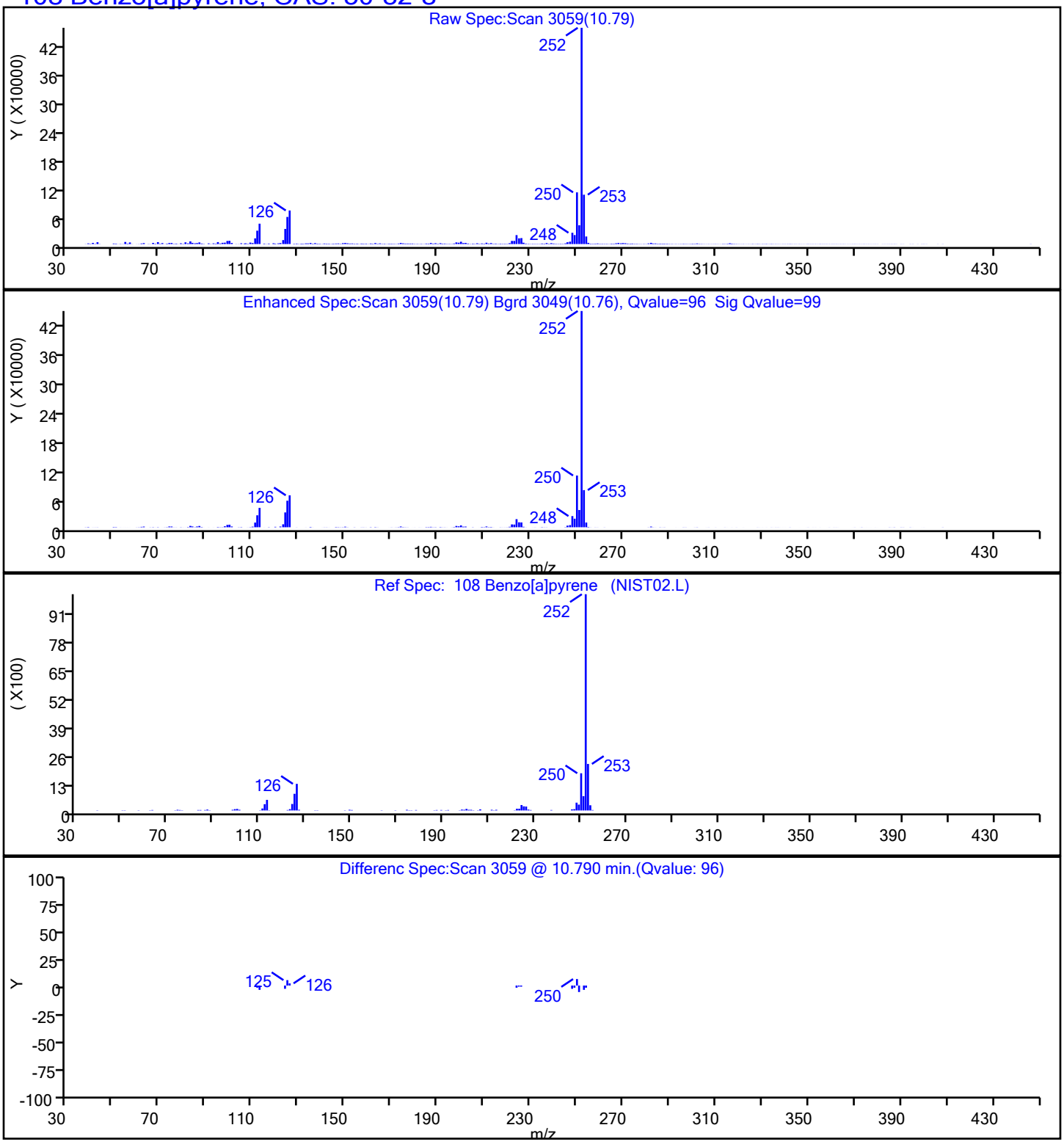
Report Date: 09-Feb-2025 13:28:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8



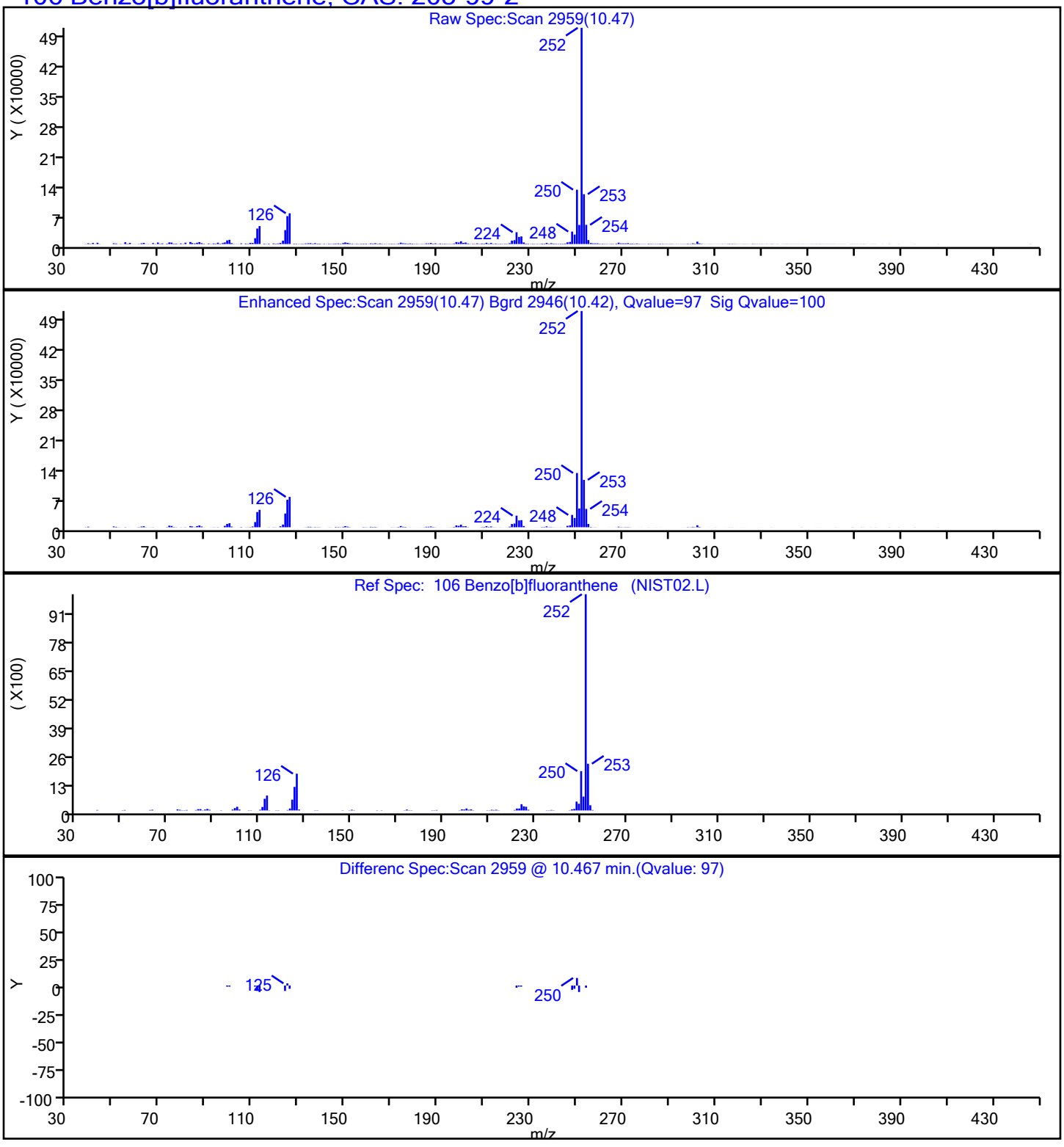
Report Date: 09-Feb-2025 13:28:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 106 Benzo[b]fluoranthene, CAS: 205-99-2



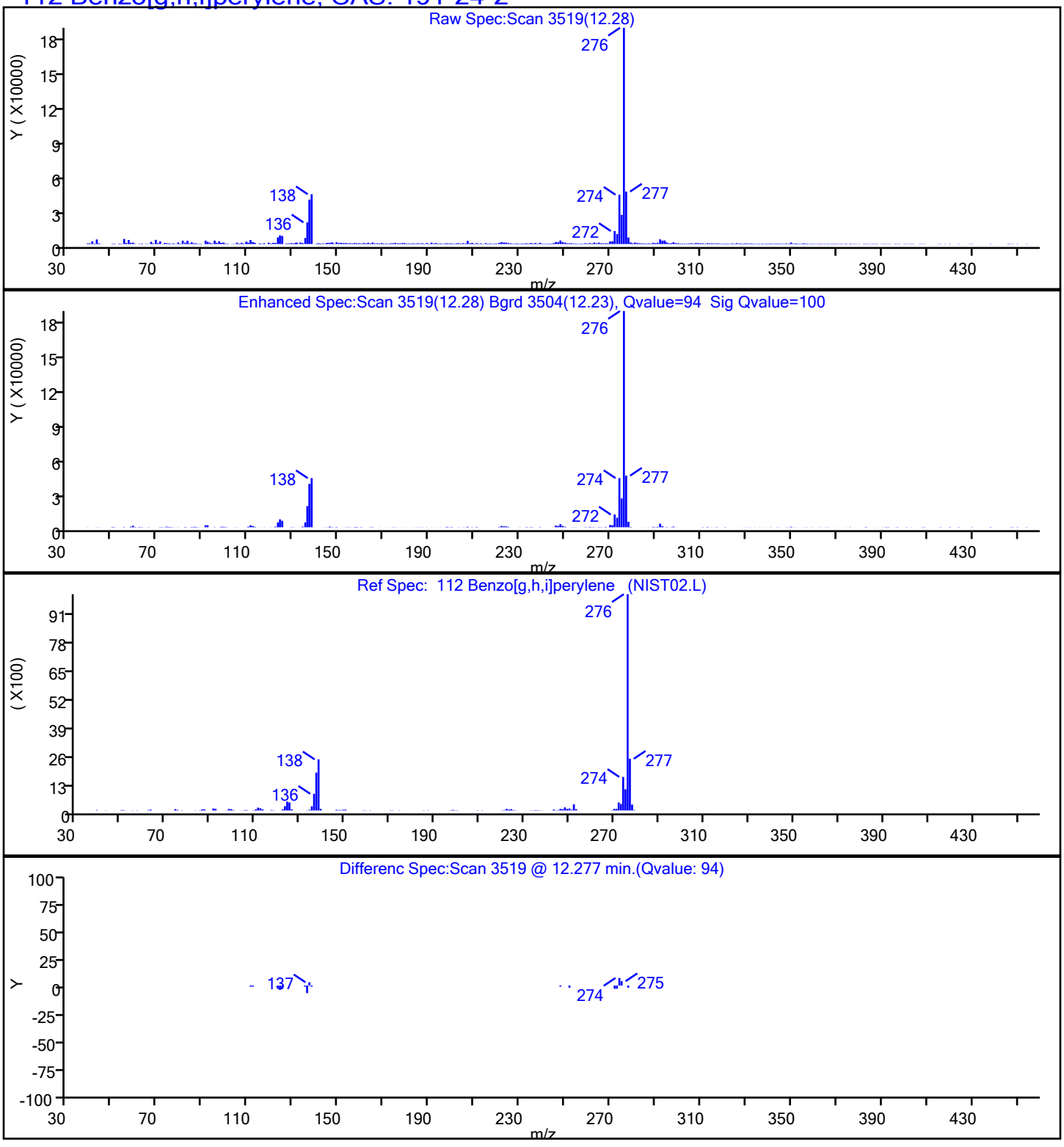
Report Date: 09-Feb-2025 13:28:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Benzo[g,h,i]perylene, CAS: 191-24-2



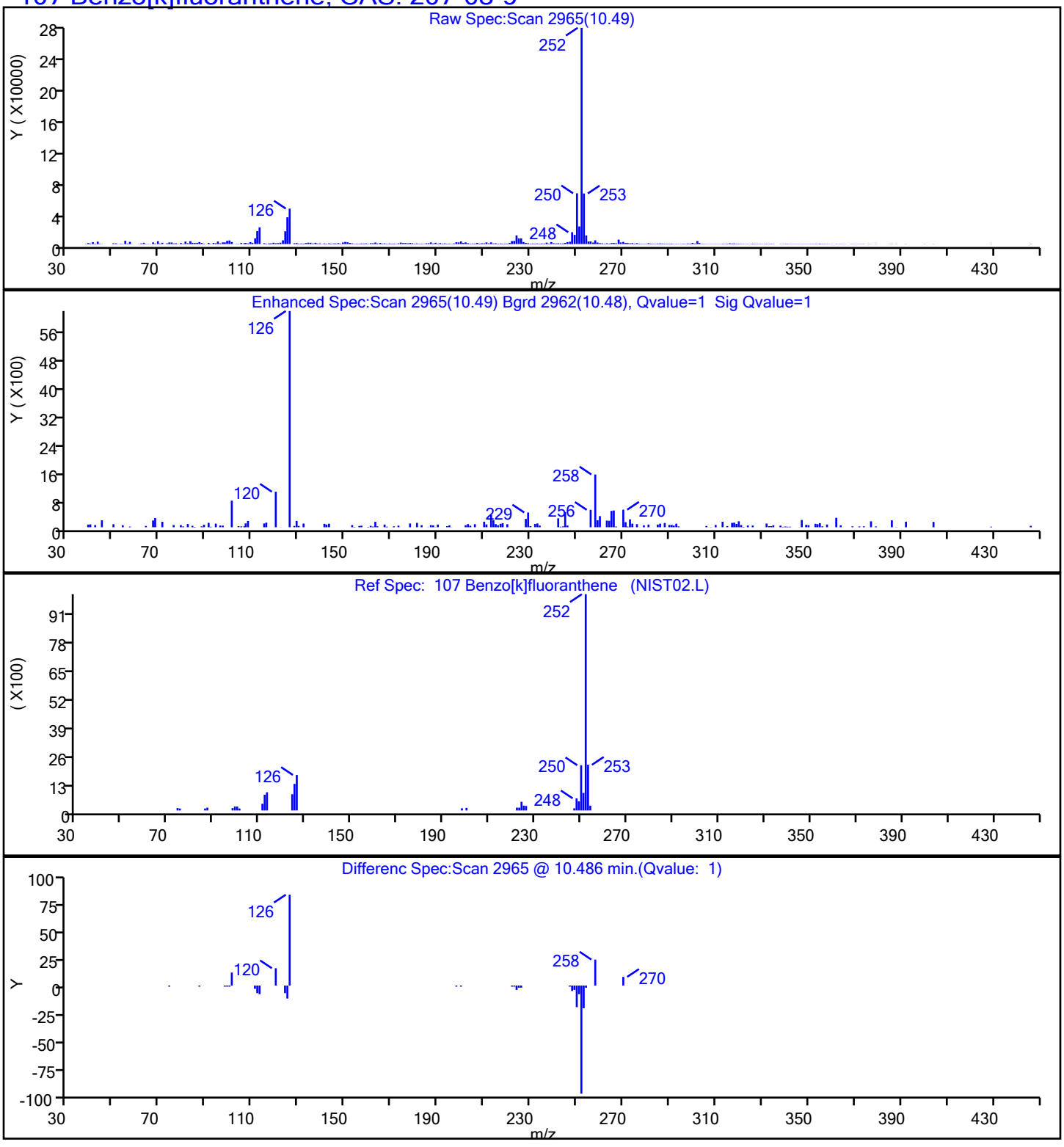



2/14/2025
12:32:58 PM

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

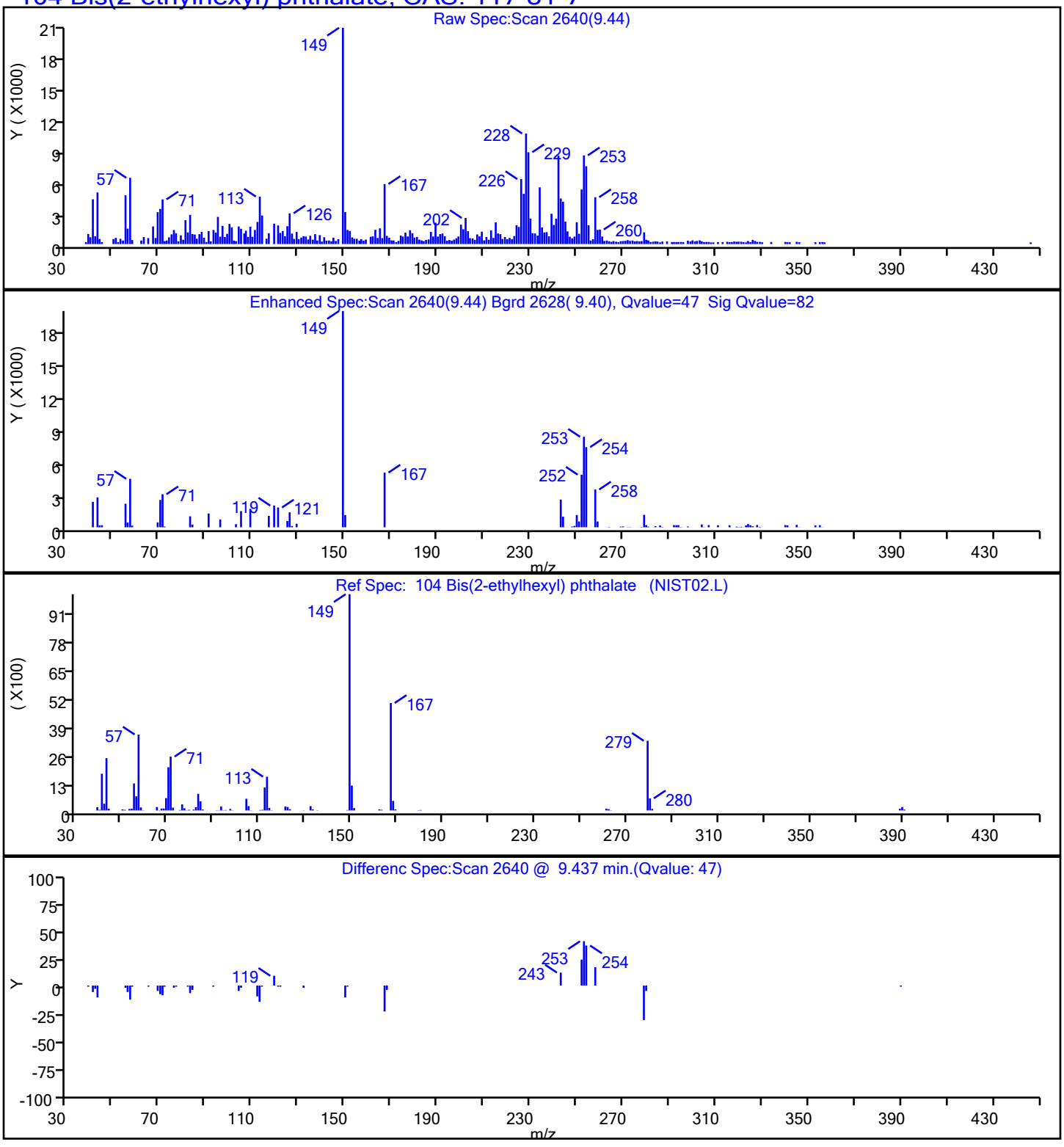
## 107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



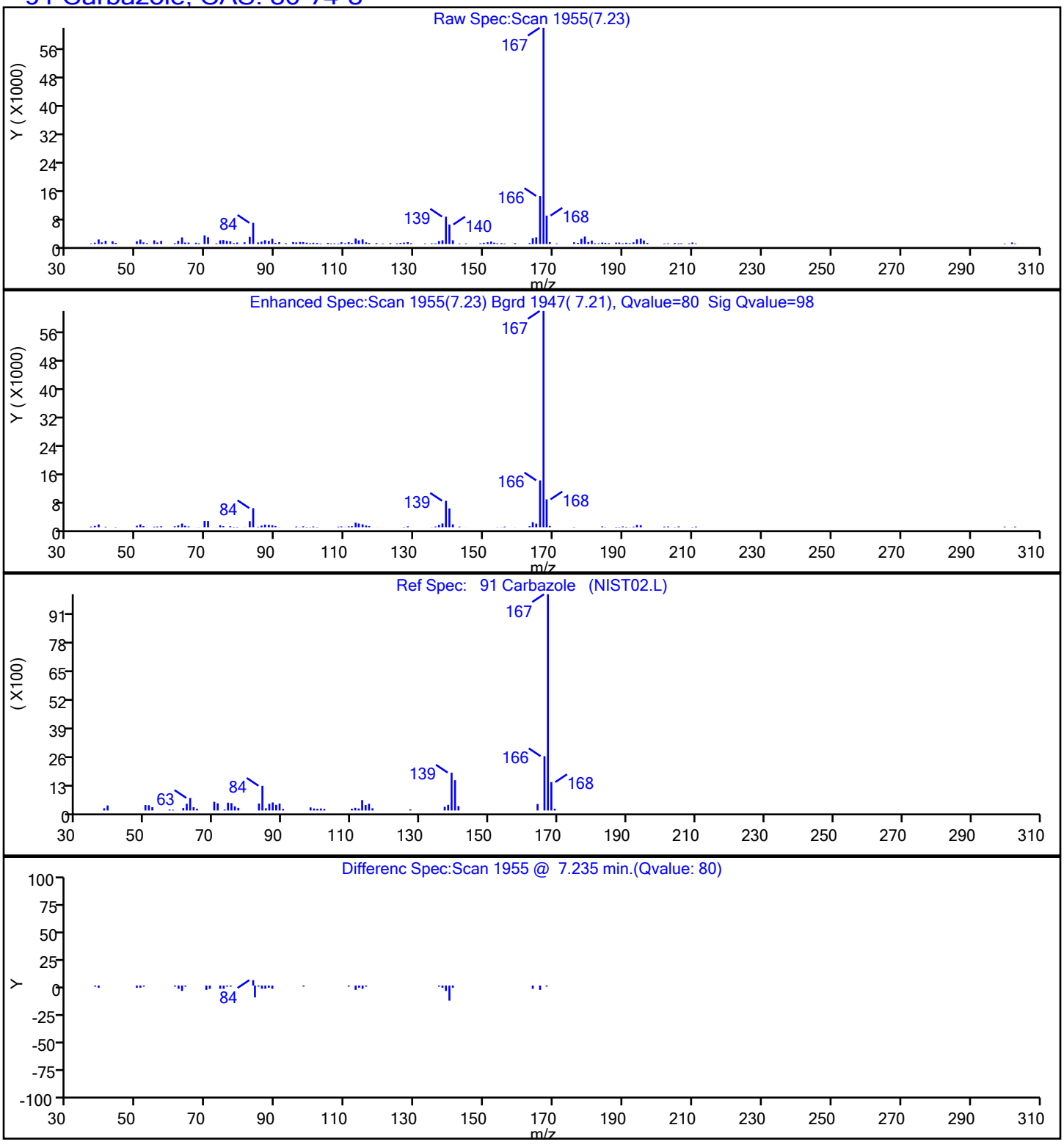
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | |
|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 |
| Client ID: | RX-21-01_0-2 | | |
| Operator ID: | | ALS Bottle#: | 26 Worklist Smp#: 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN |

## 91 Carbazole, CAS: 86-74-8






2/14/2025
12:32:58 PM

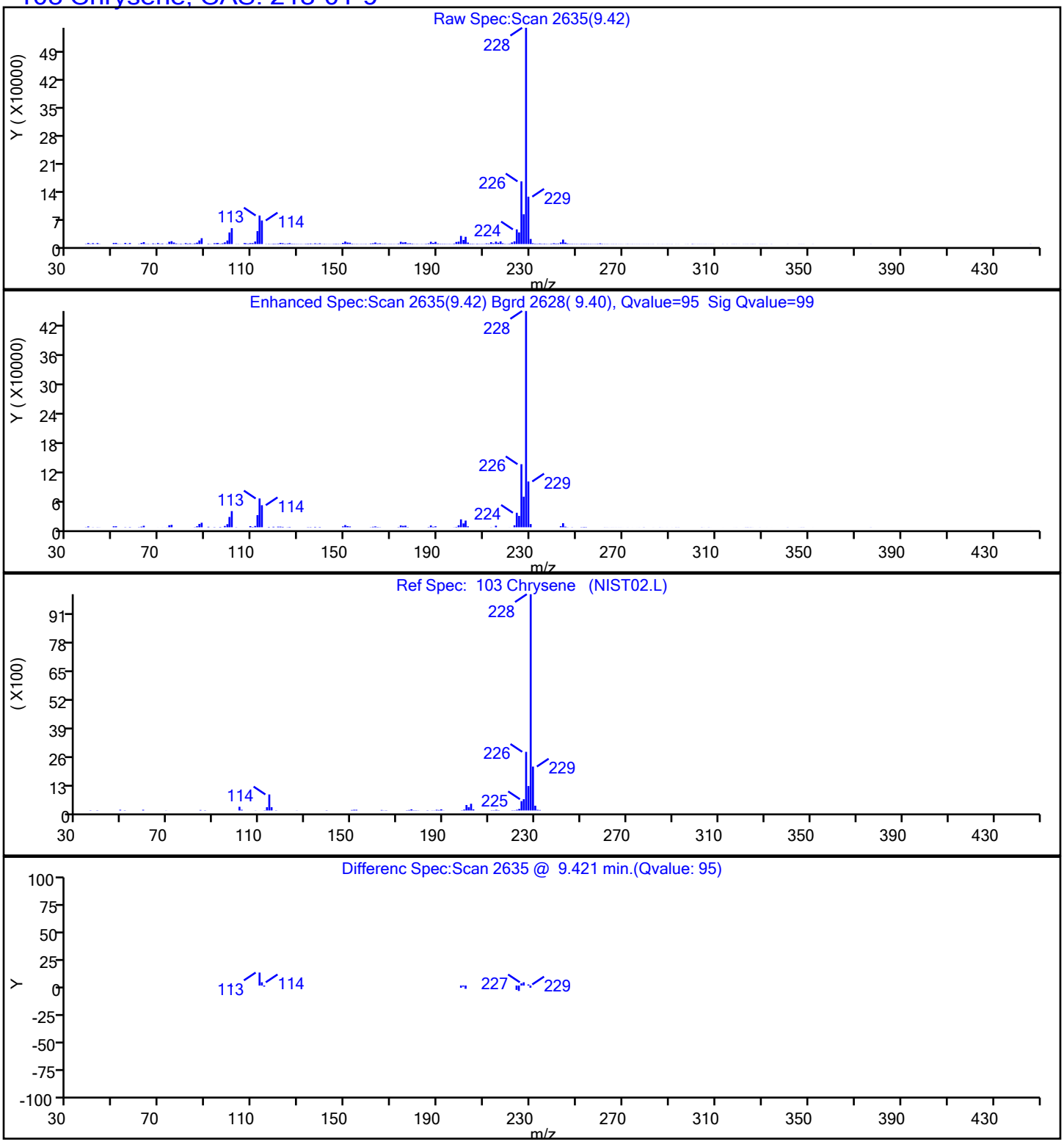
Report Date: 09-Feb-2025 13:28:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

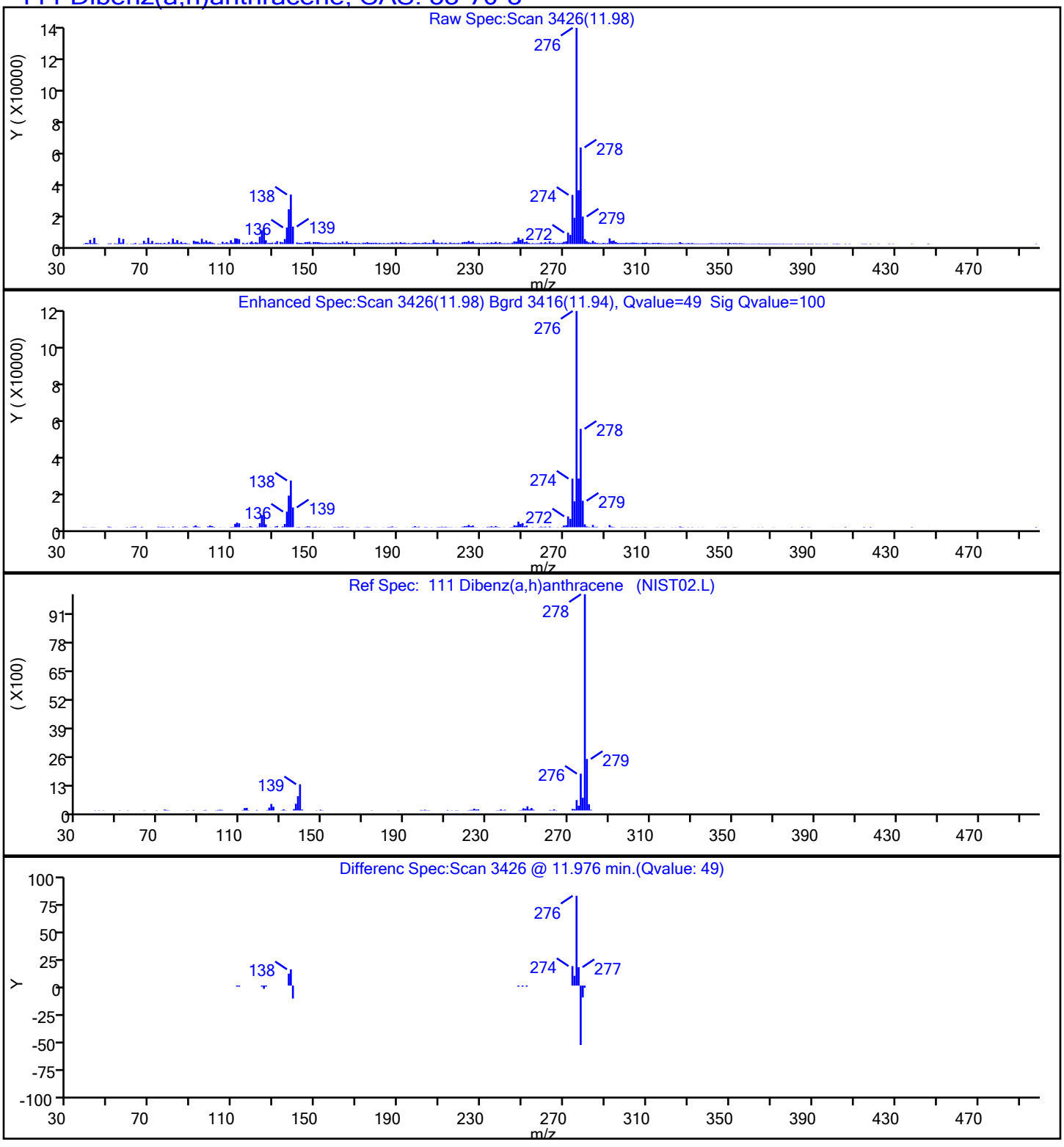
## 103 Chrysene, CAS: 218-01-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

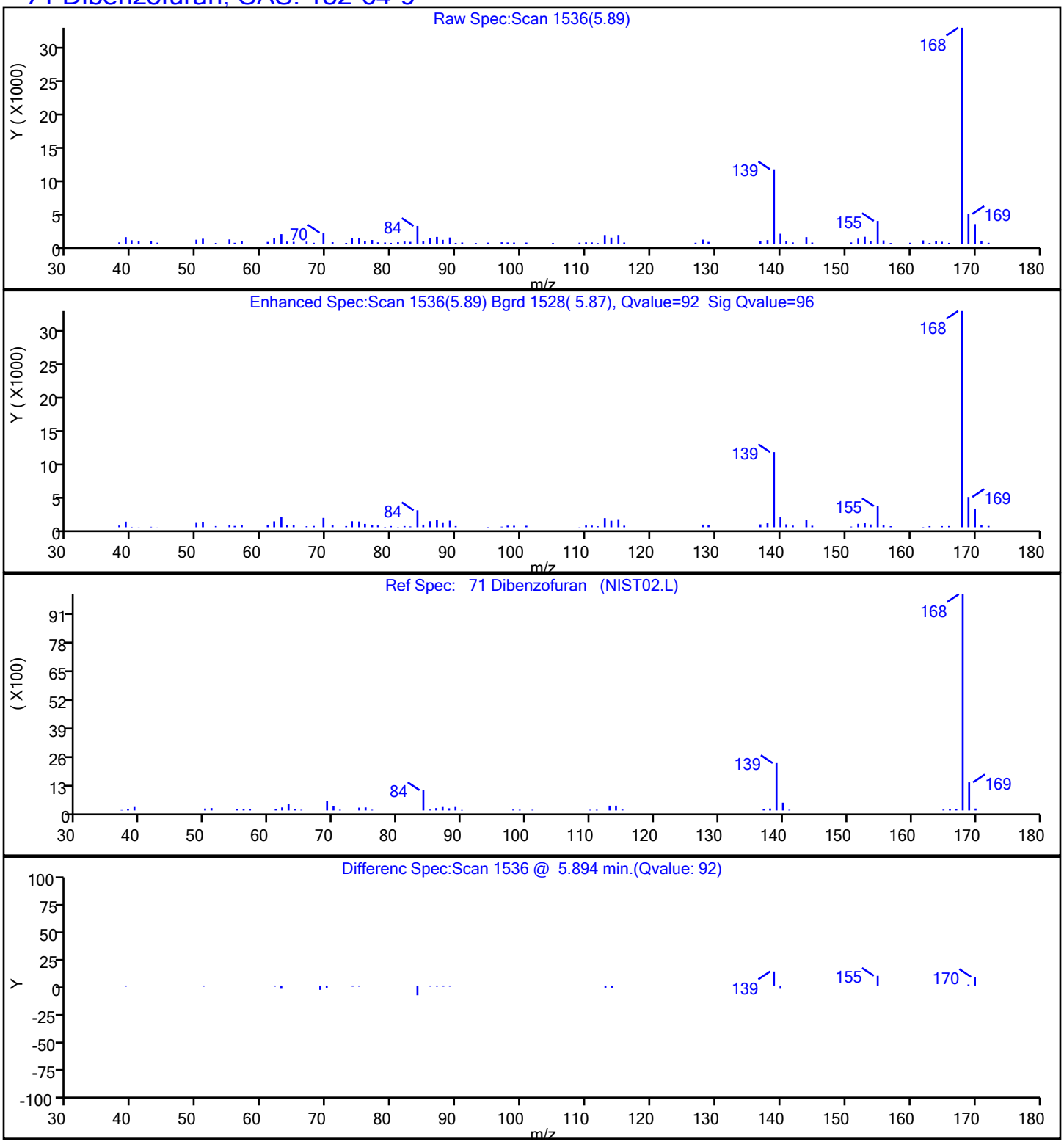
## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d
Injection Date: 08-Feb-2025 22:12:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-1-C Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 71 Dibenzofuran, CAS: 132-64-9



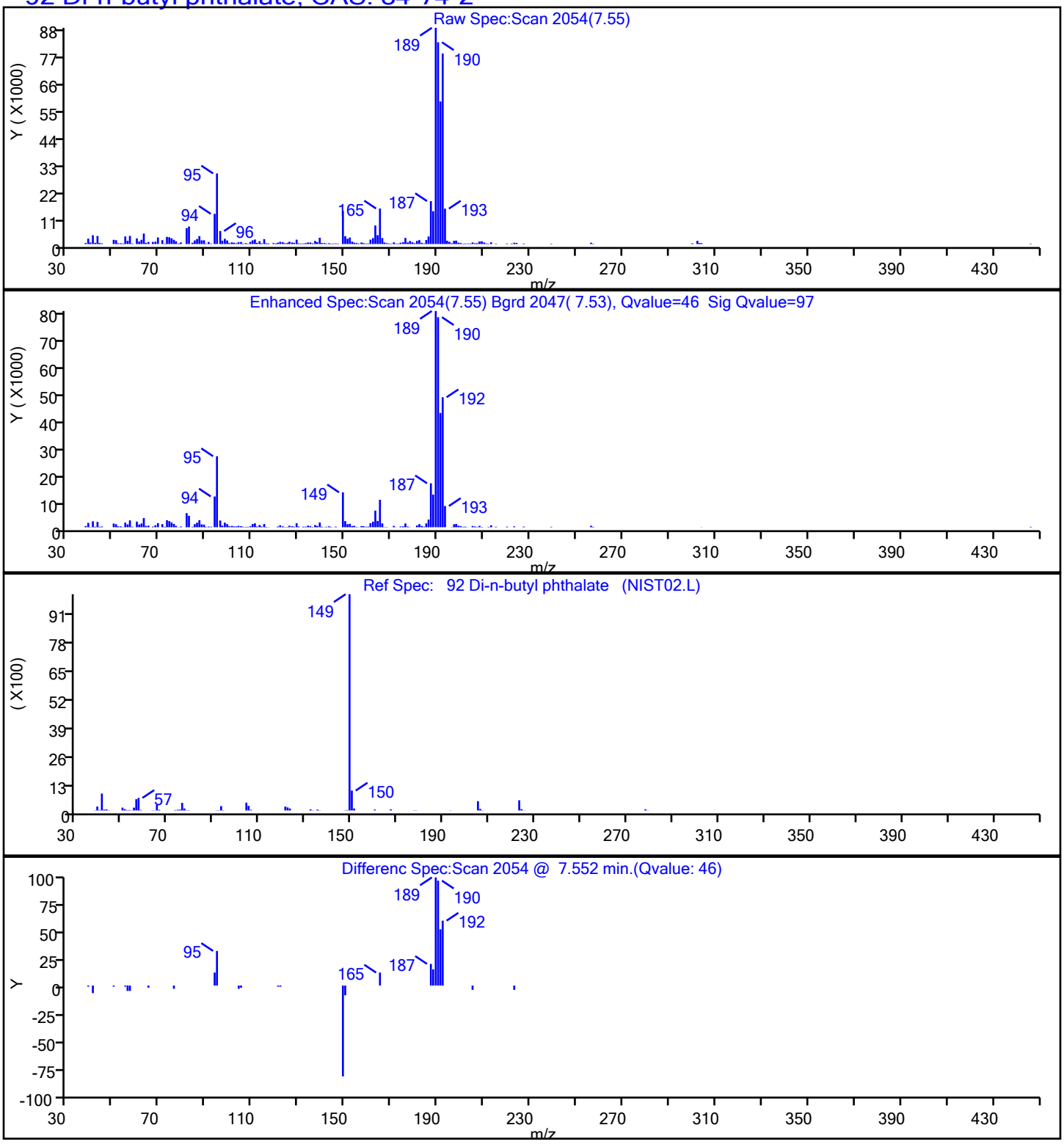
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Di-n-butyl phthalate, CAS: 84-74-2






2/14/2025
12:32:58 PM

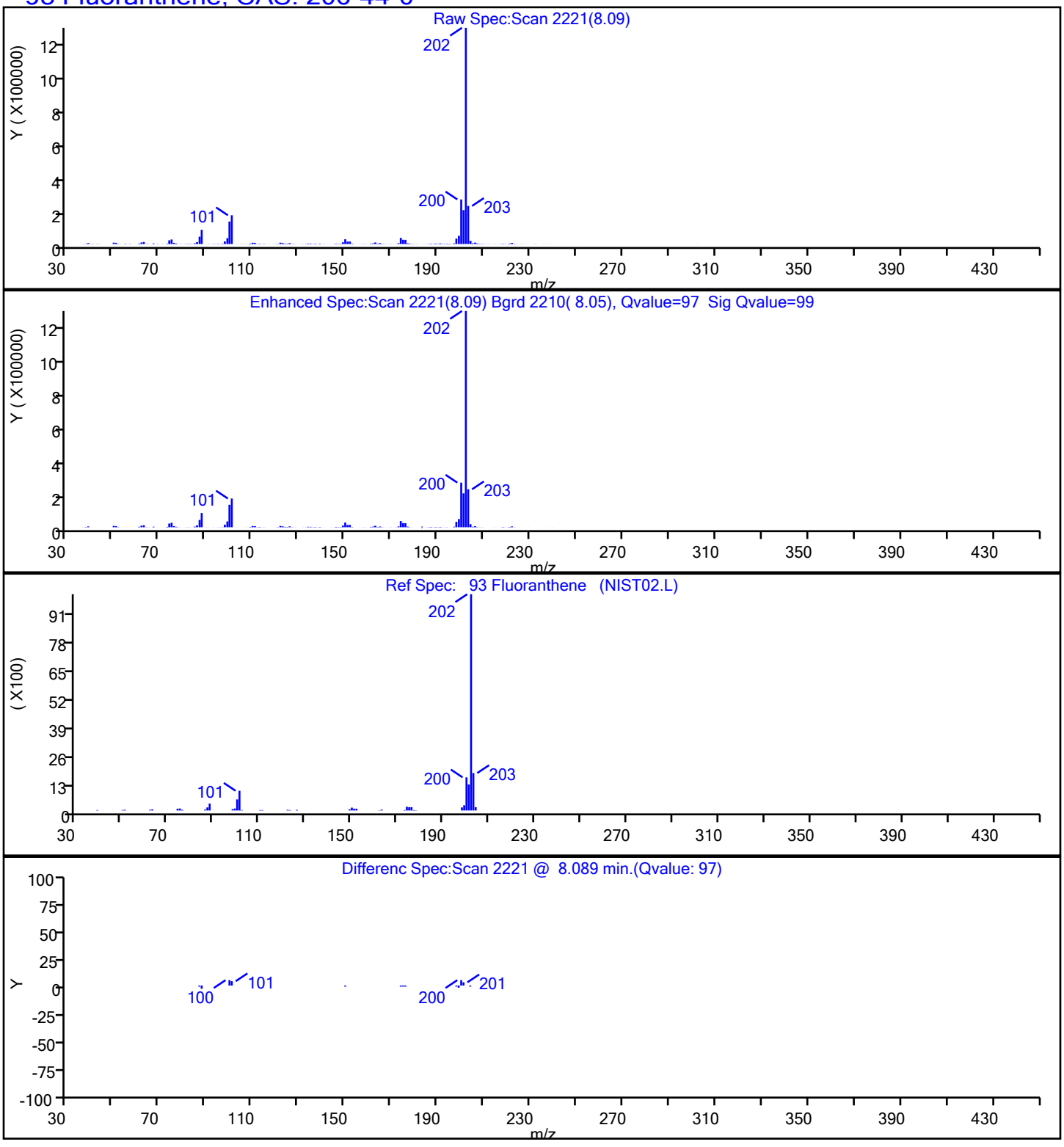
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

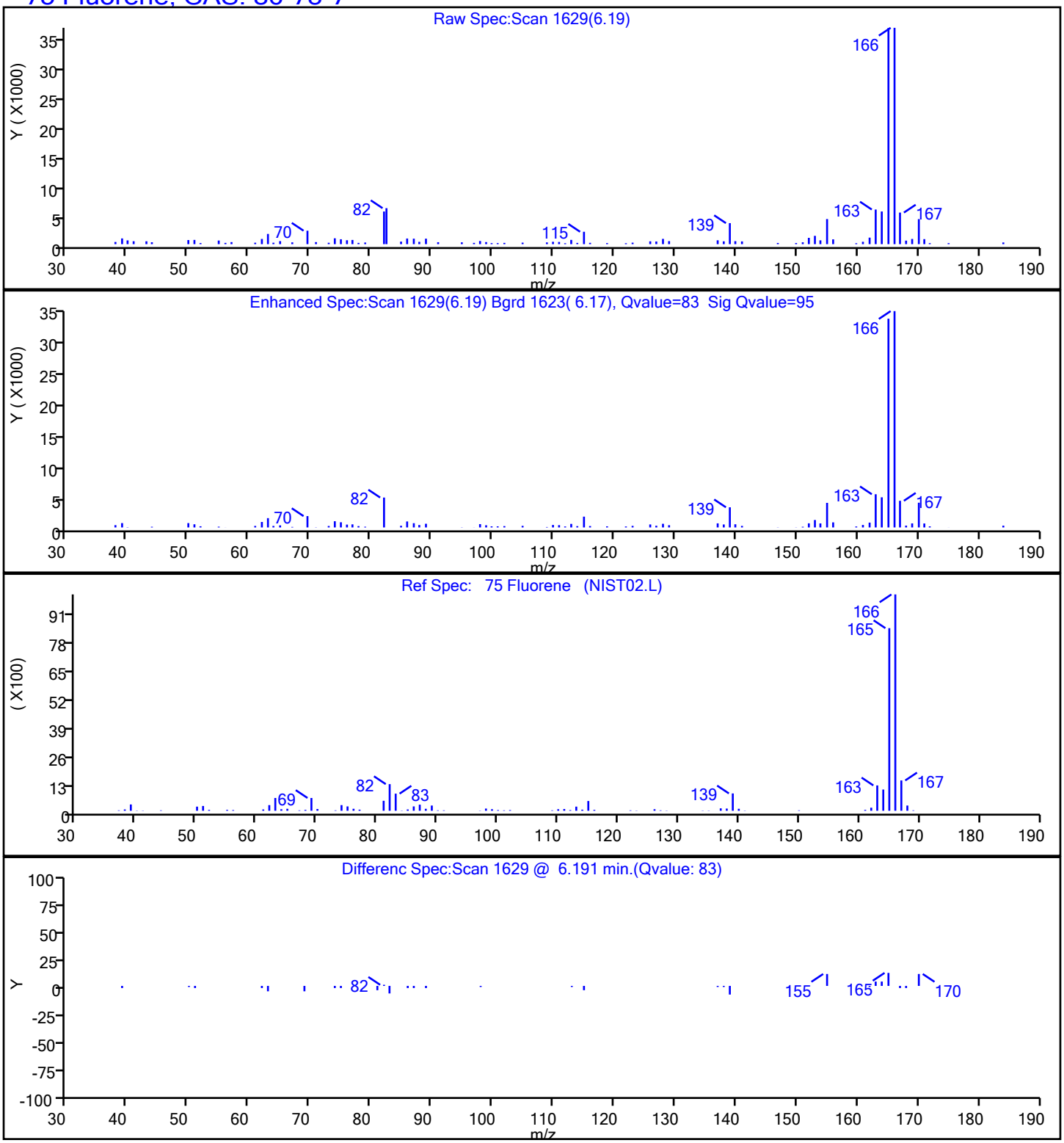
## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 75 Fluorene, CAS: 86-73-7



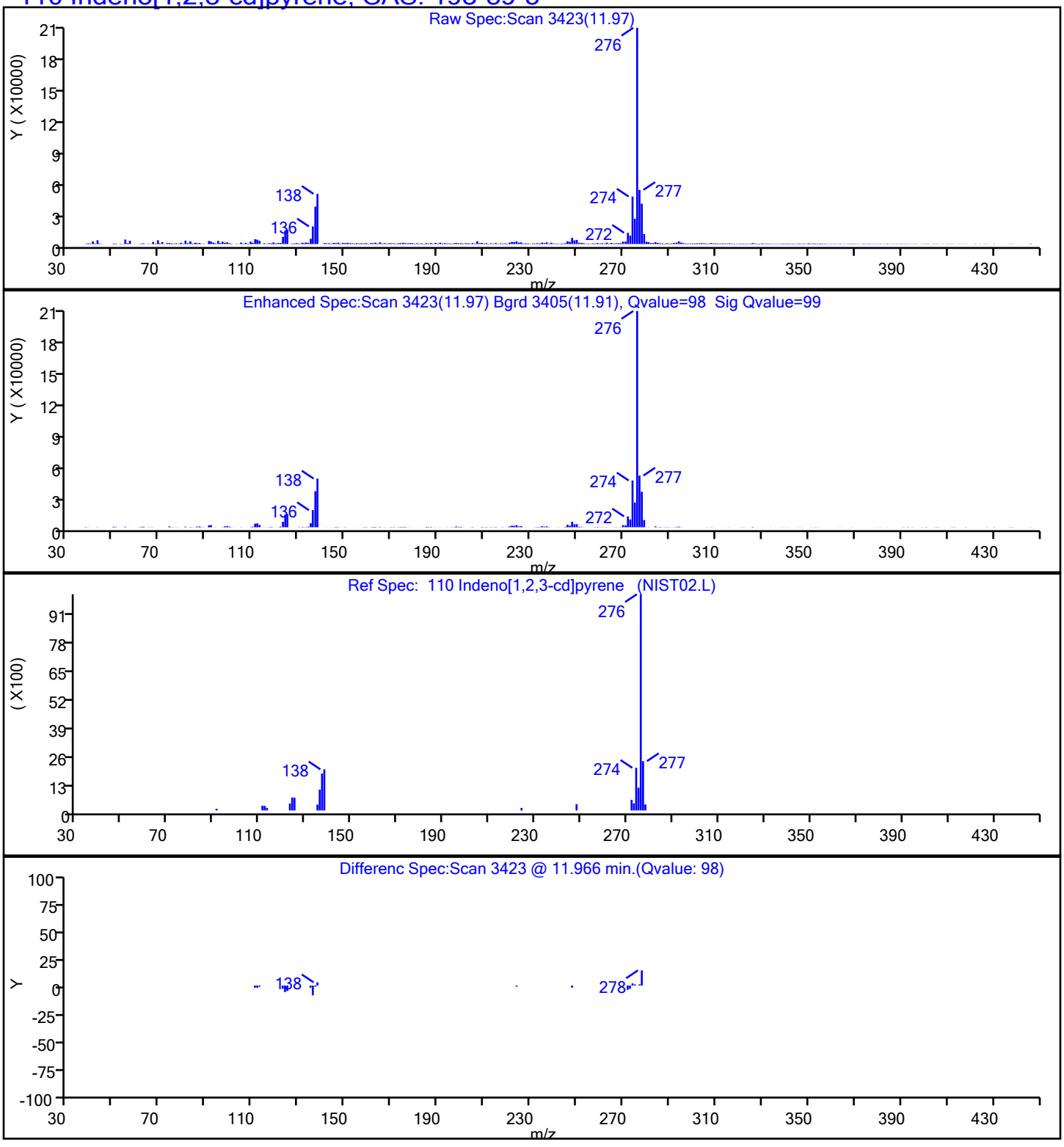
Report Date: 09-Feb-2025 13:28:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

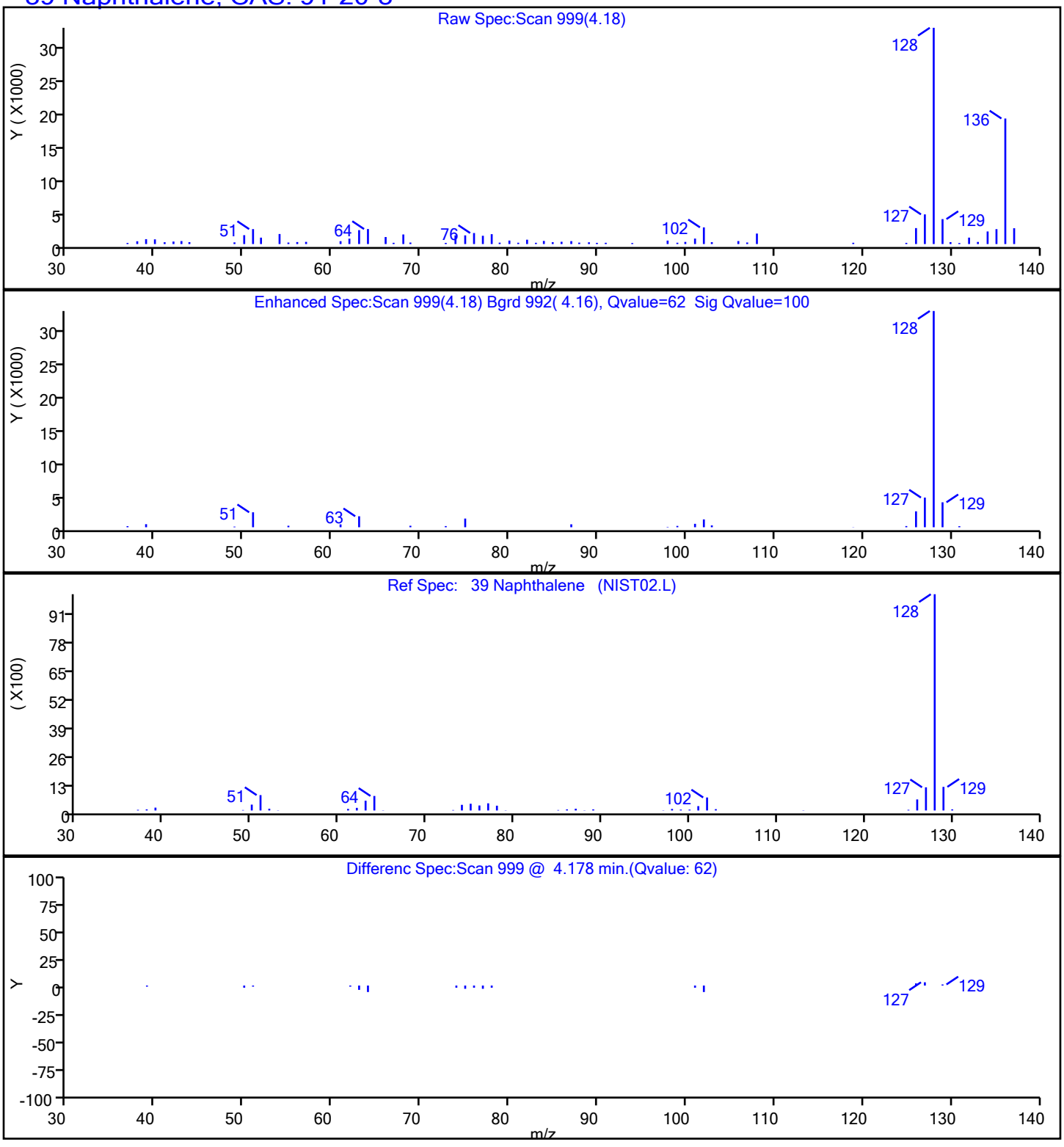
## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

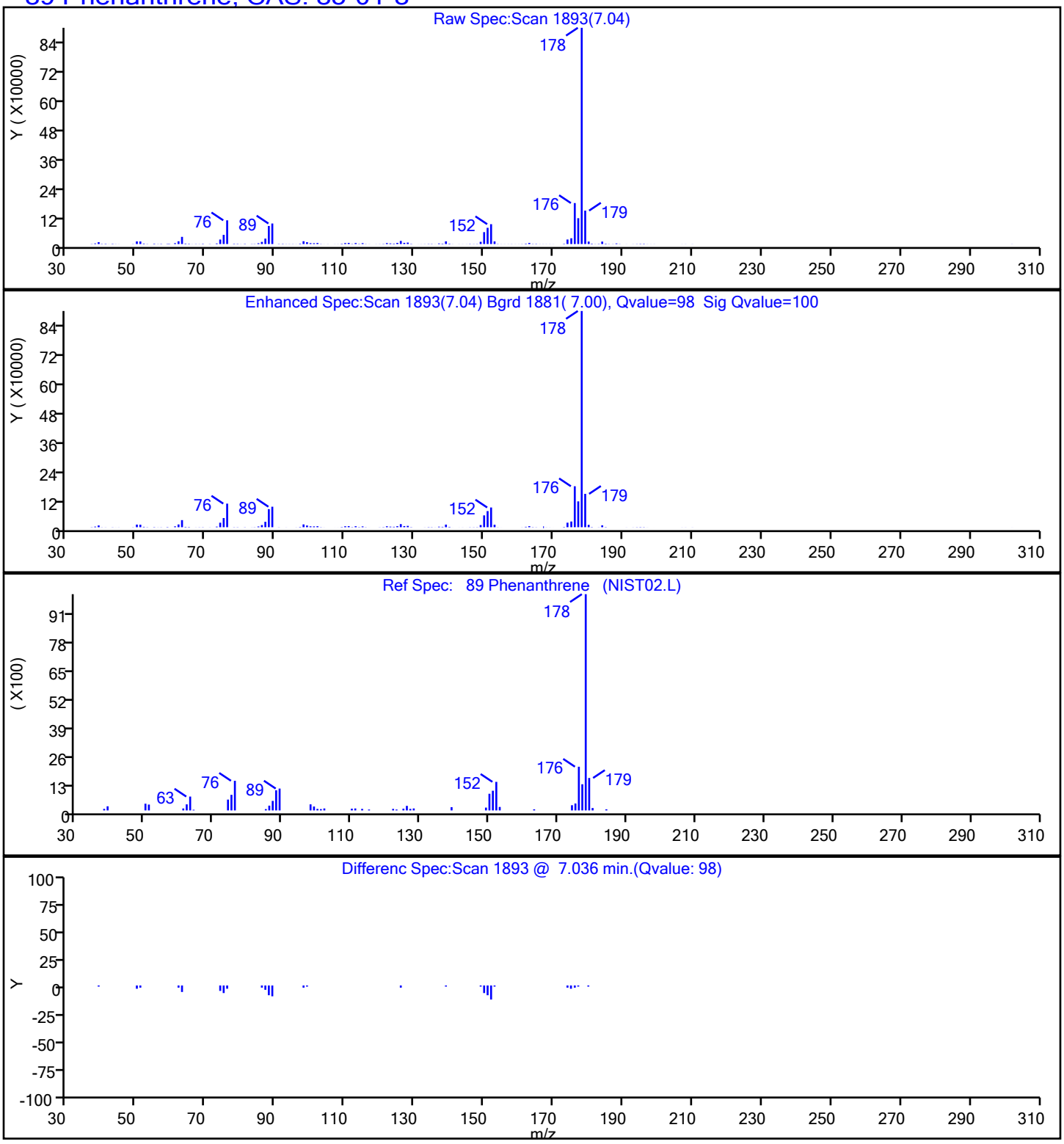
## 39 Naphthalene, CAS: 91-20-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



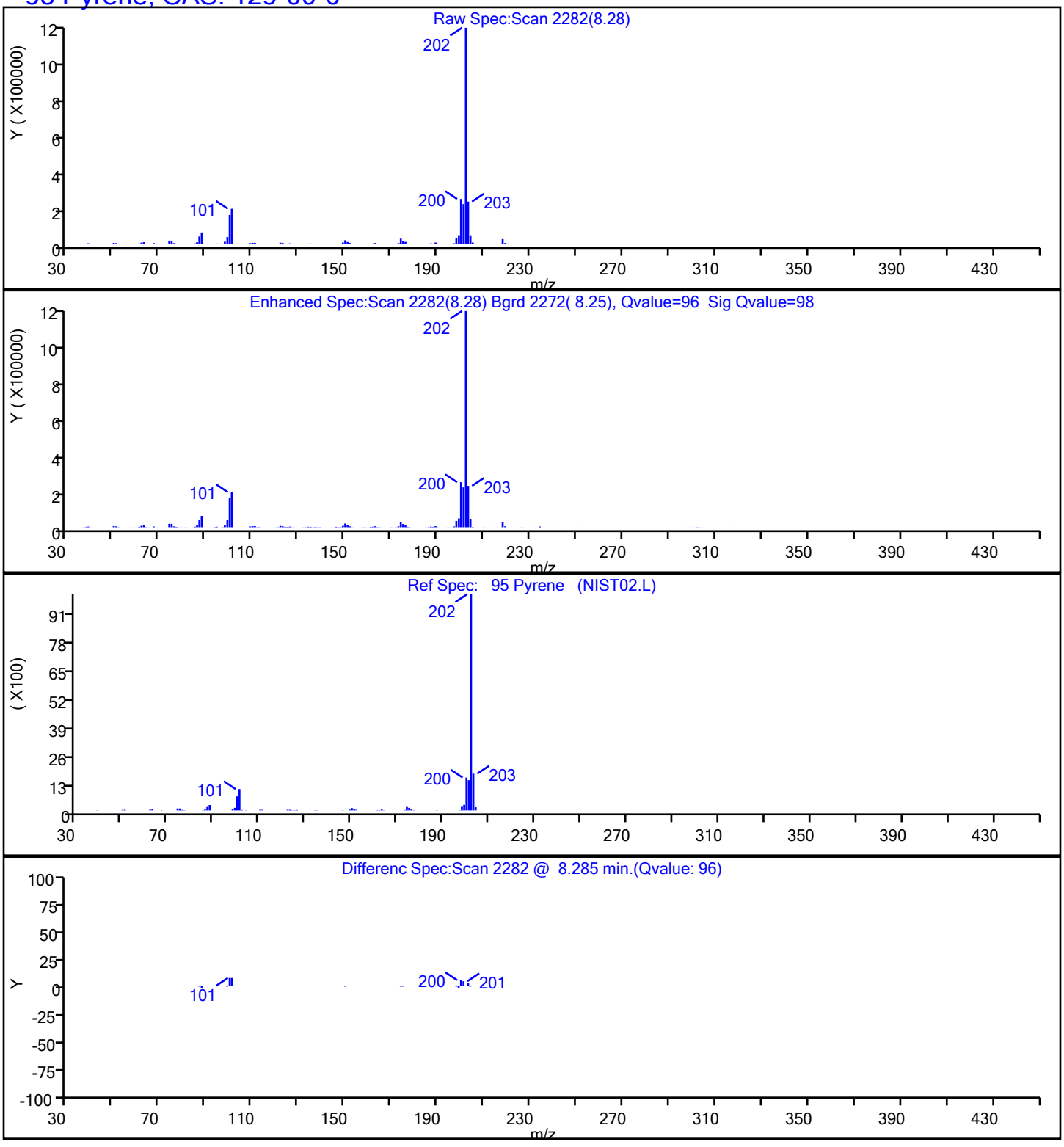
Report Date: 09-Feb-2025 13:27:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d

| | | | |
|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 |
| Client ID: | RX-21-01_0-2 | | |
| Operator ID: | | ALS Bottle#: | 26 Worklist Smp#: 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN |

## 95 Pyrene, CAS: 129-00-0



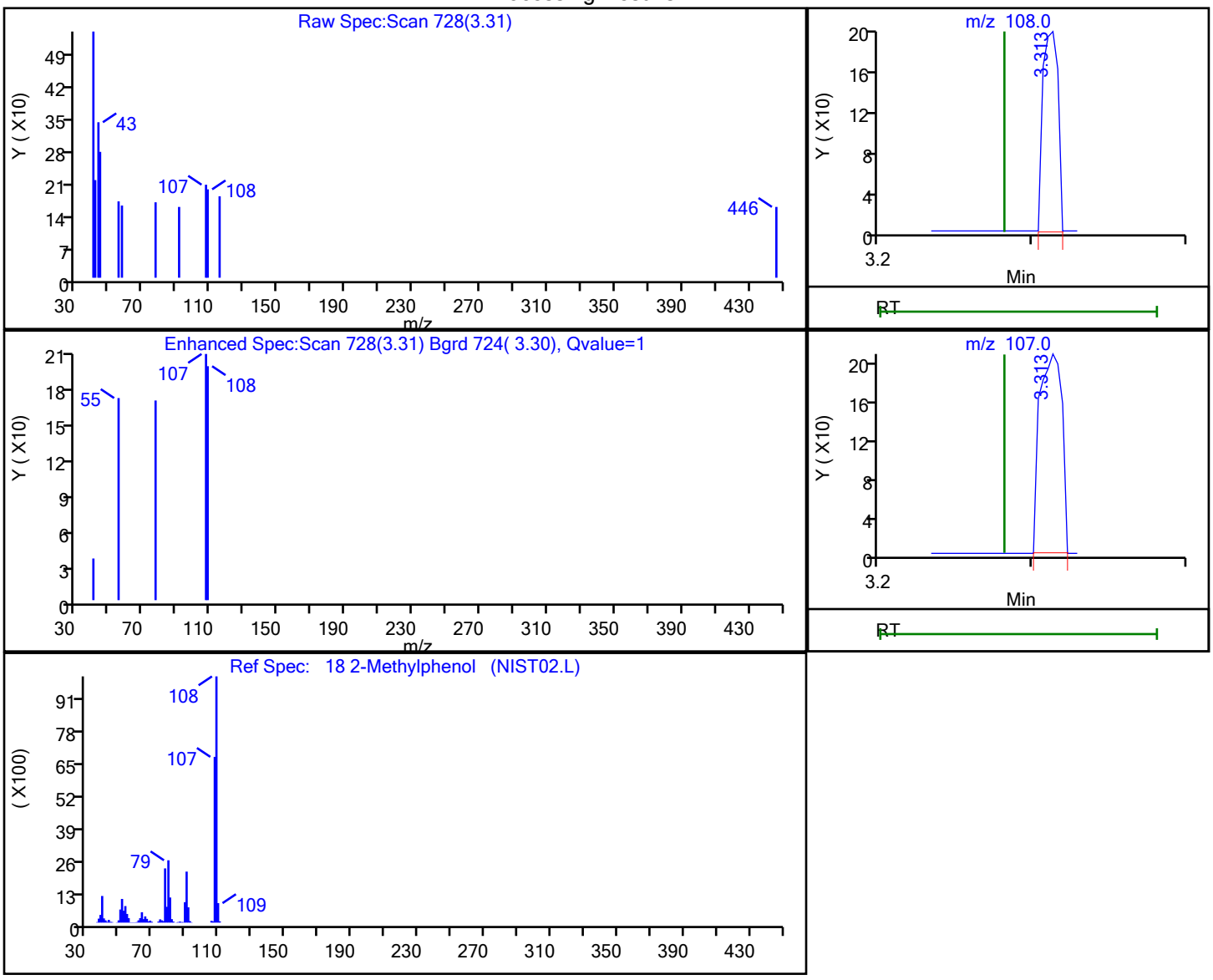
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 18 2-Methylphenol, CAS: 95-48-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.31 | 108.00 | 132 | 0.029460 |
| 3.31 | 107.00 | 203 | |

Reviewer: G4KC, 09-Feb-2025 13:27:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

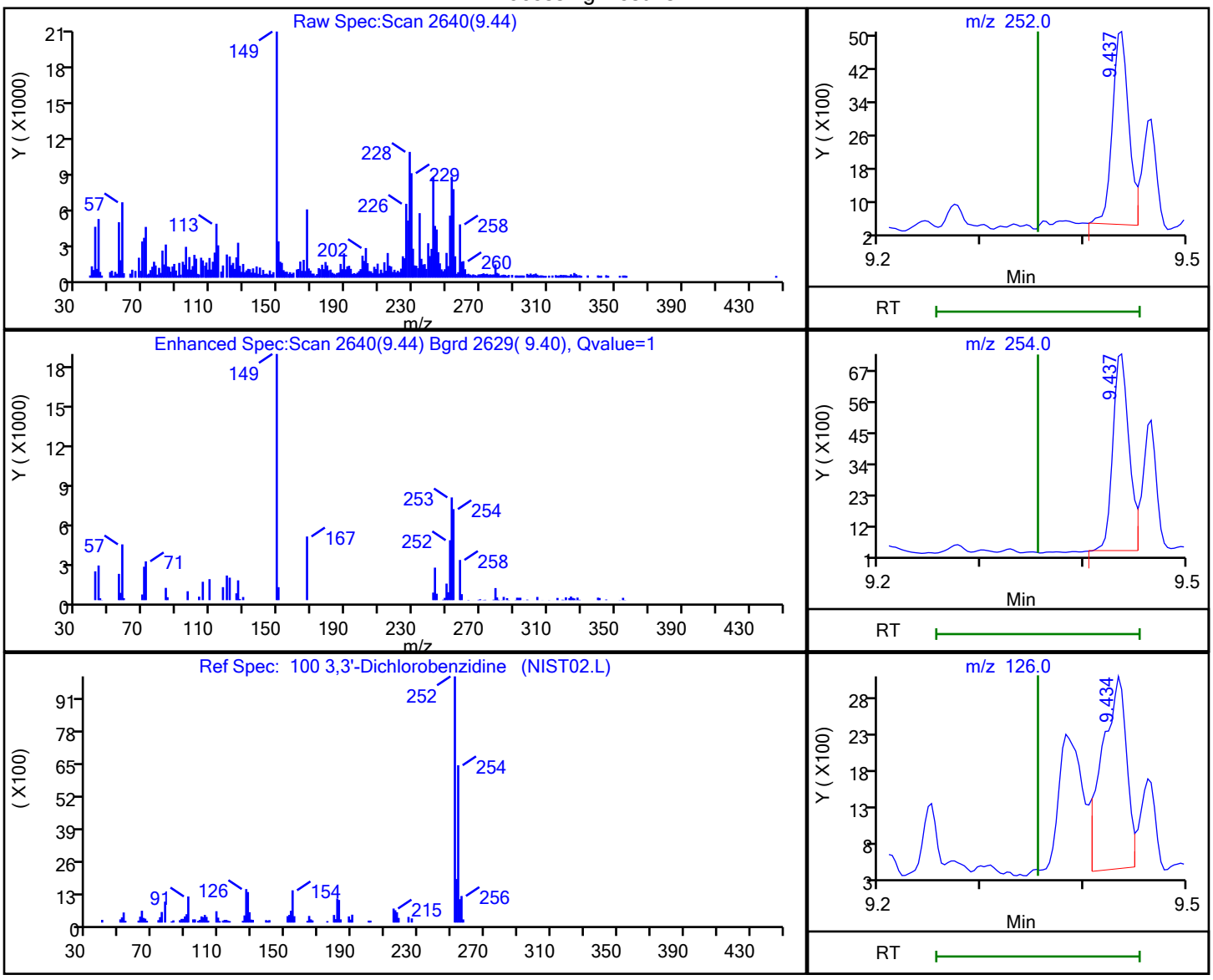
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.44 | 252.00 | 5268 | 0.768403 |
| 9.44 | 254.00 | 7889 | |
| 9.43 | 126.00 | 4277 | |

Reviewer: U6BX, 09-Feb-2025 12:53:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

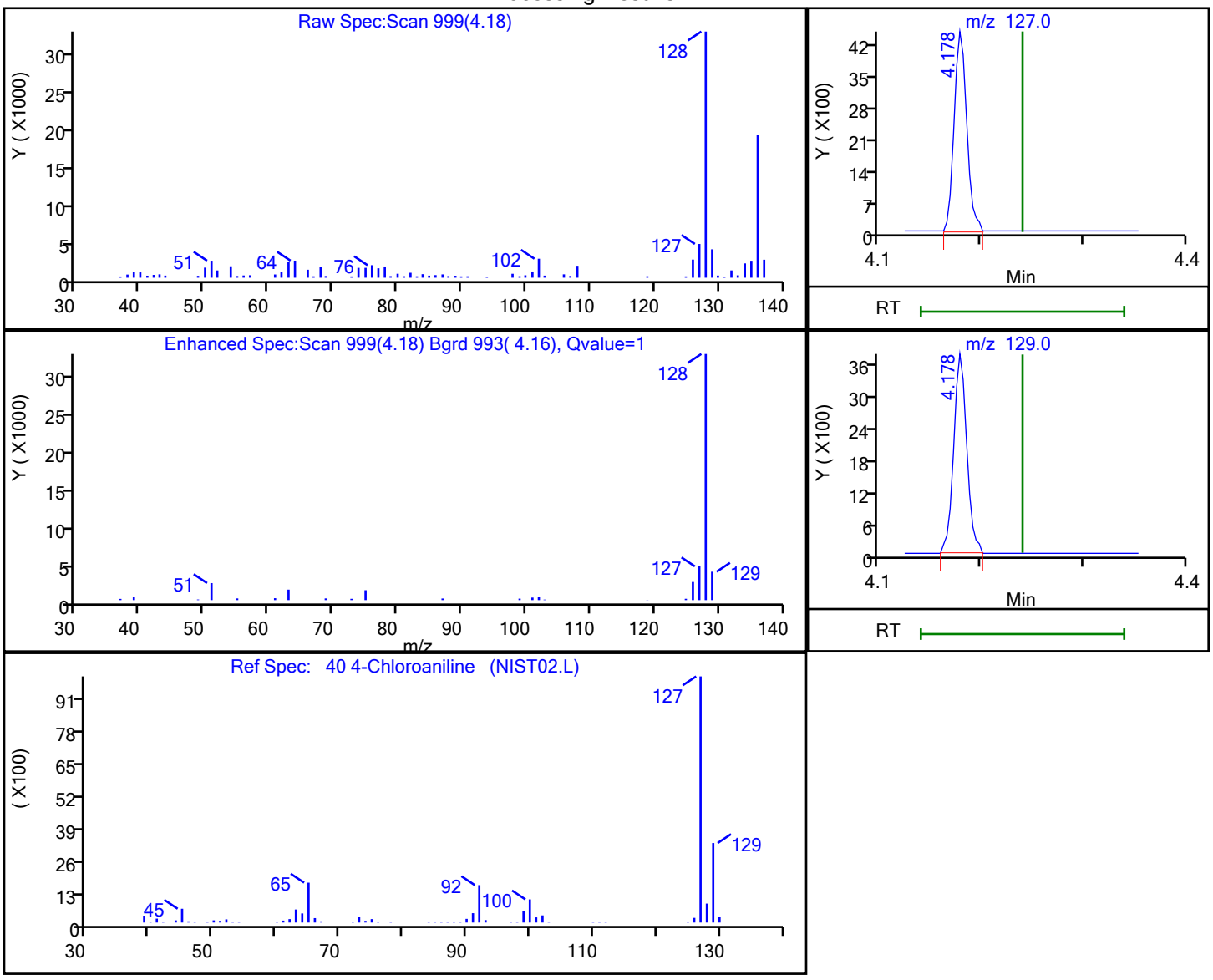
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 40 4-Chloroaniline, CAS: 106-47-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.18 | 127.00 | 3803 | 0.652677 |
| 4.18 | 129.00 | 3332 | |

Reviewer: G4KC, 09-Feb-2025 13:27:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

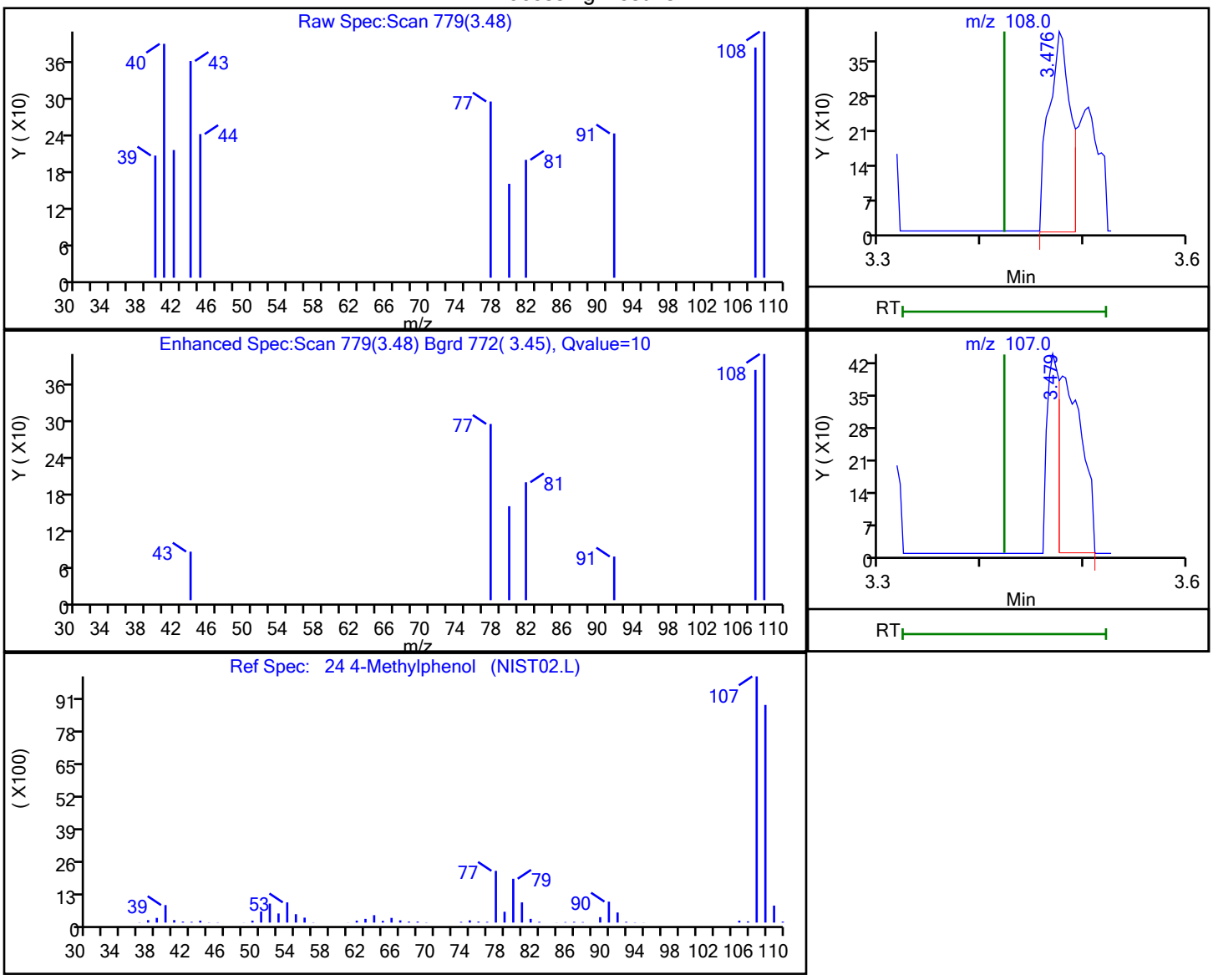
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 24 4-Methylphenol, CAS: 106-44-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.48 | 108.00 | 585 | 0.119900 |
| 3.48 | 107.00 | 622 | |

Reviewer: G4KC, 09-Feb-2025 13:27:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

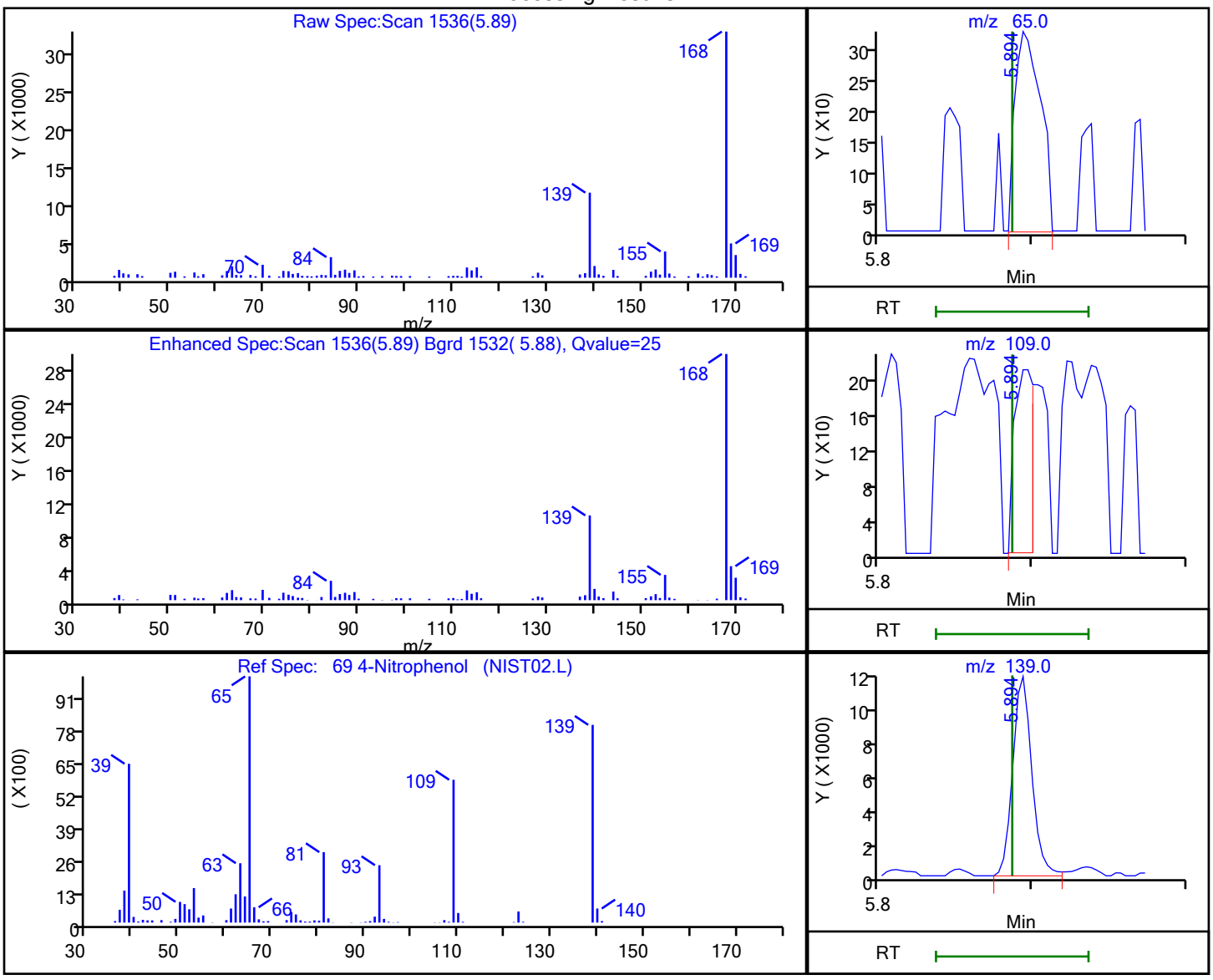
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 69 4-Nitrophenol, CAS: 100-02-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 65.00 | 380 | 0.199115 |
| 5.89 | 109.00 | 180 | |
| 5.89 | 139.00 | 9743 | |

Reviewer: G4KC, 09-Feb-2025 13:27:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

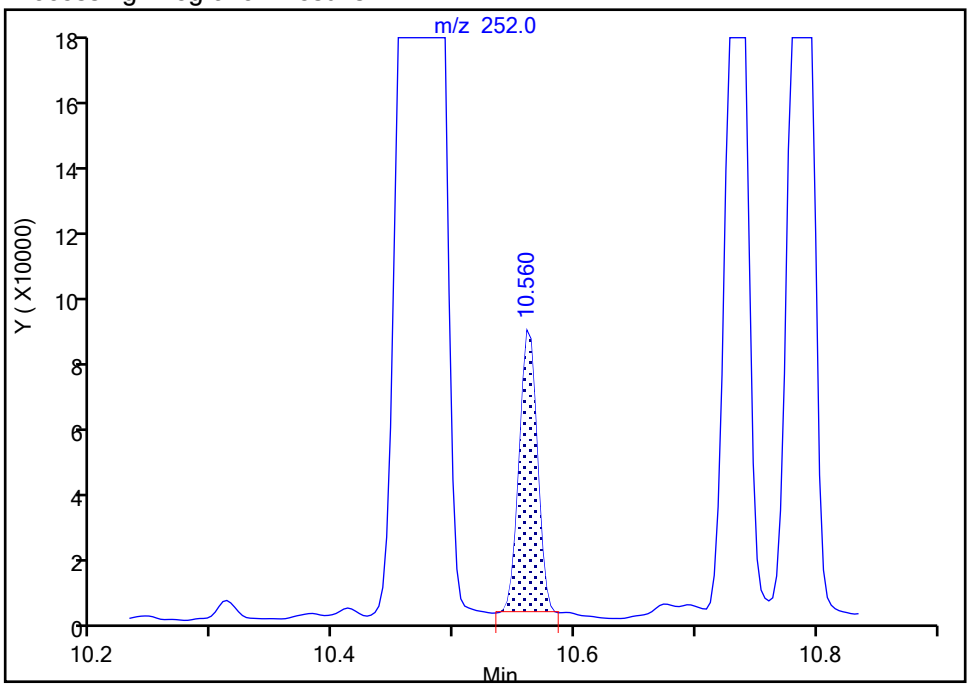
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

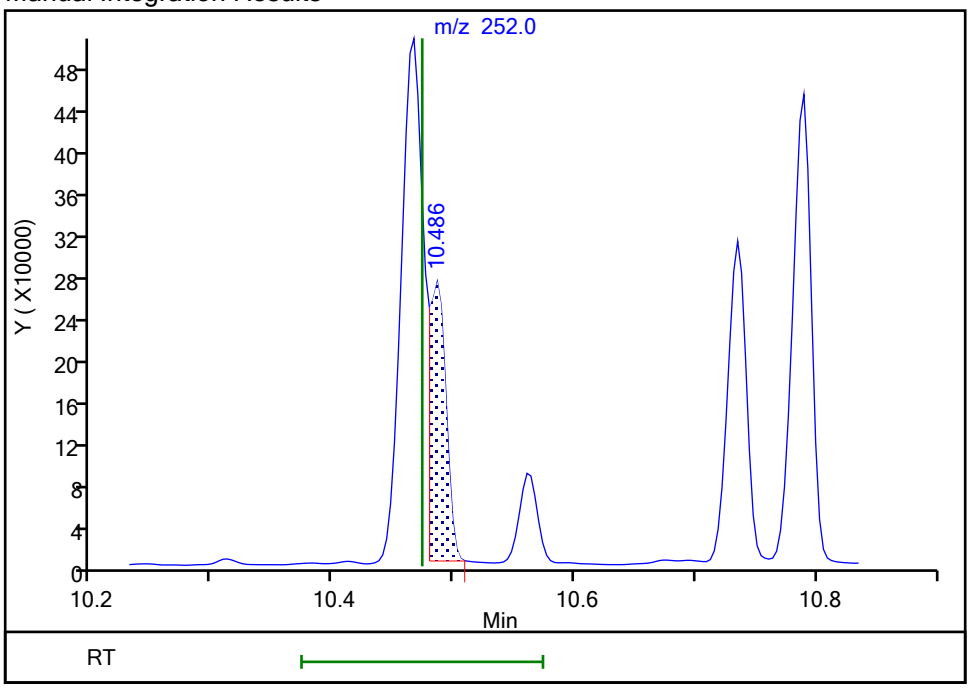
Processing Integration Results

RT: 10.56
Area: 89678
Amount: 5.043797
Amount Units: ug/ml




Manual Integration Results

RT: 10.49
Area: 260536
Amount: 14.653434
Amount Units: ug/ml




Reviewer: U6BX, 09-Feb-2025 12:53:20 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

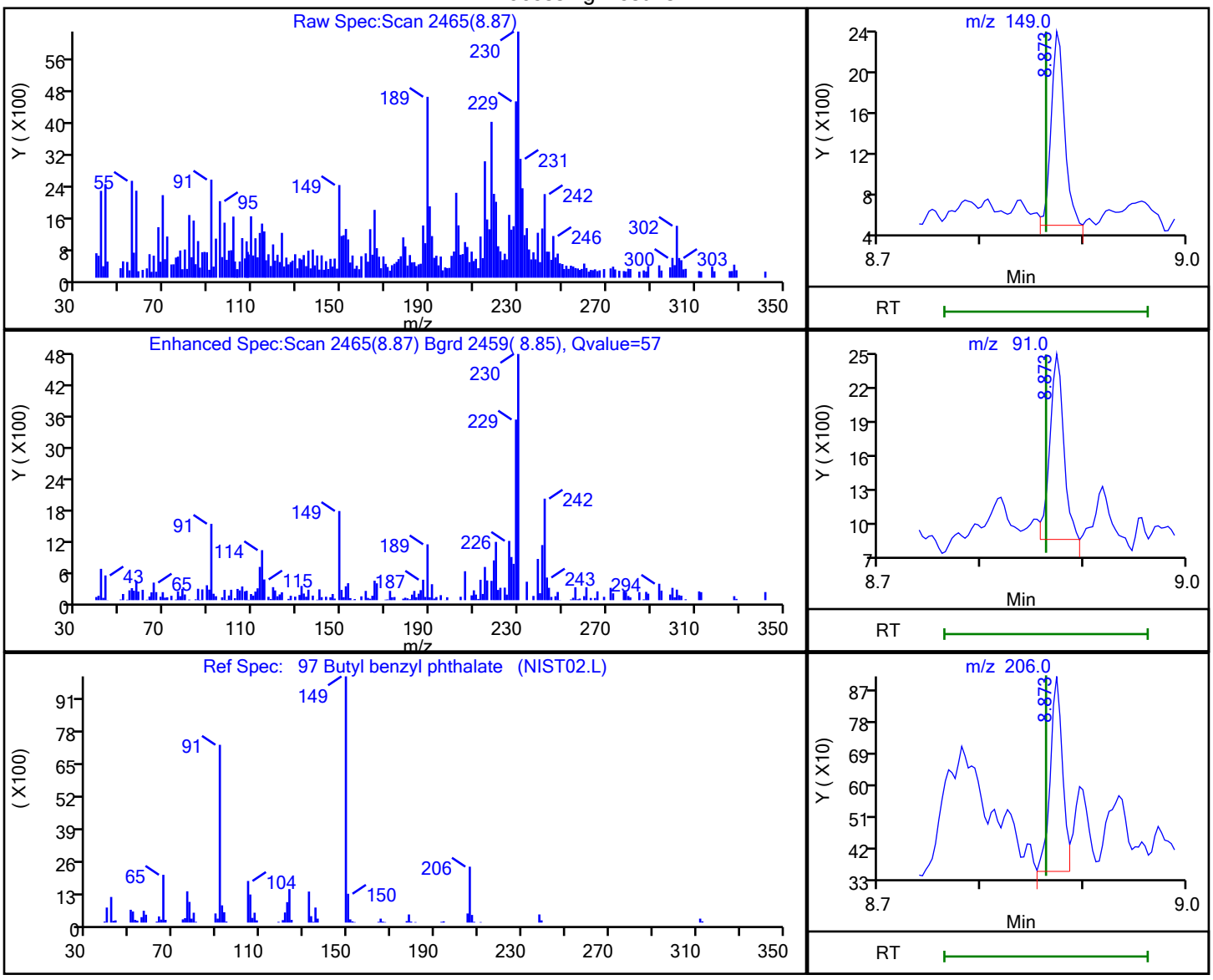
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 97 Butyl benzyl phthalate, CAS: 85-68-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.87 | 149.00 | 1651 | 0.214050 |
| 8.87 | 91.00 | 1562 | |
| 8.87 | 206.00 | 462 | |

Reviewer: G4KC, 09-Feb-2025 13:27:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Edison

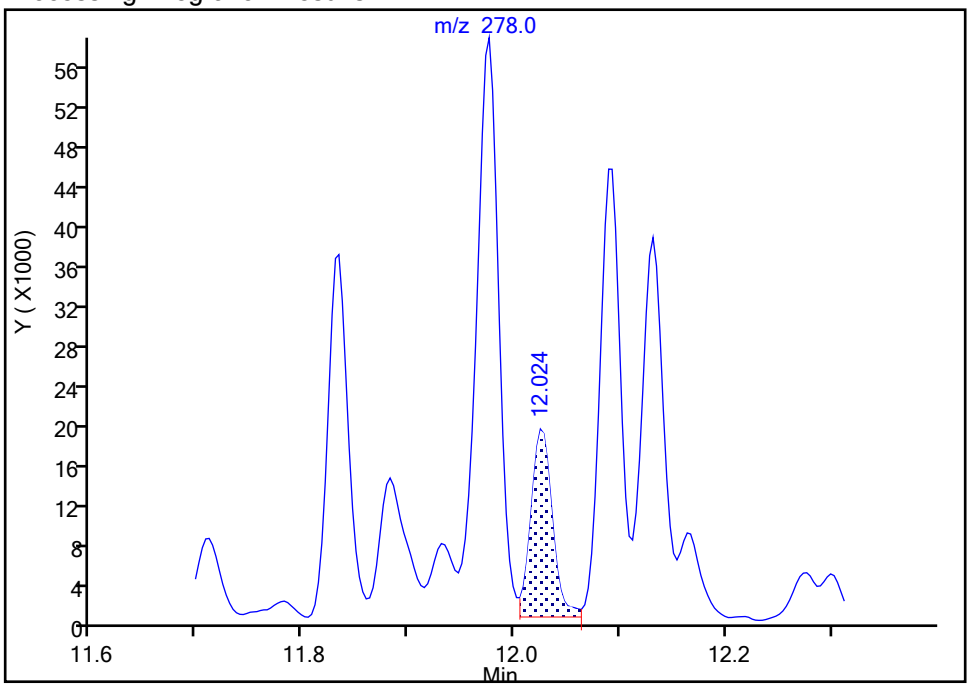
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

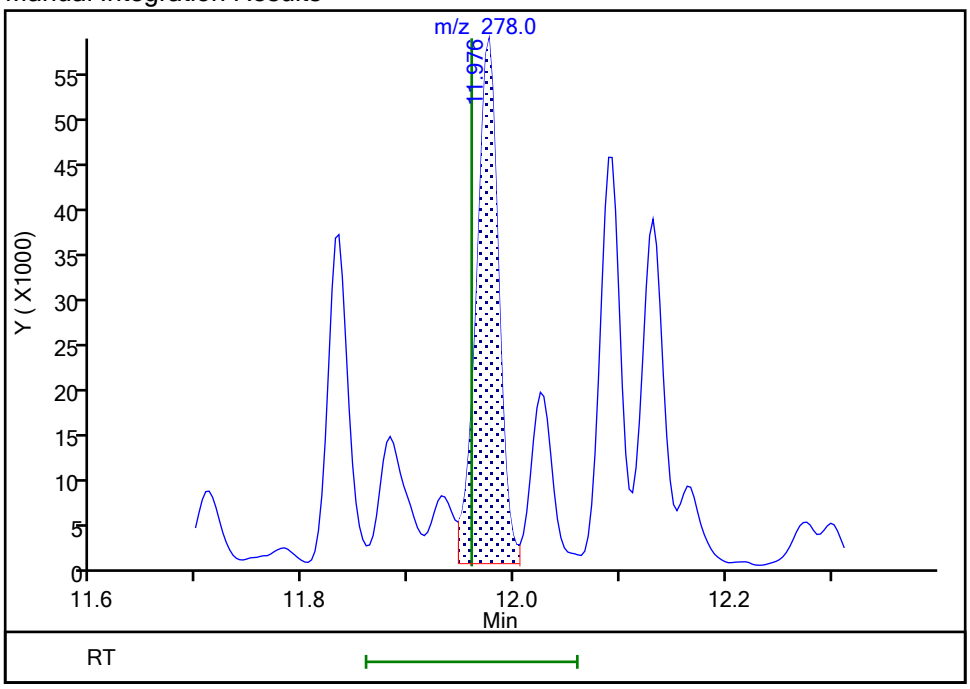
Processing Integration Results

RT: 12.02
Area: 26594
Amount: 1.591060
Amount Units: ug/ml




Manual Integration Results

RT: 11.98
Area: 85133
Amount: 5.093317
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:27:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

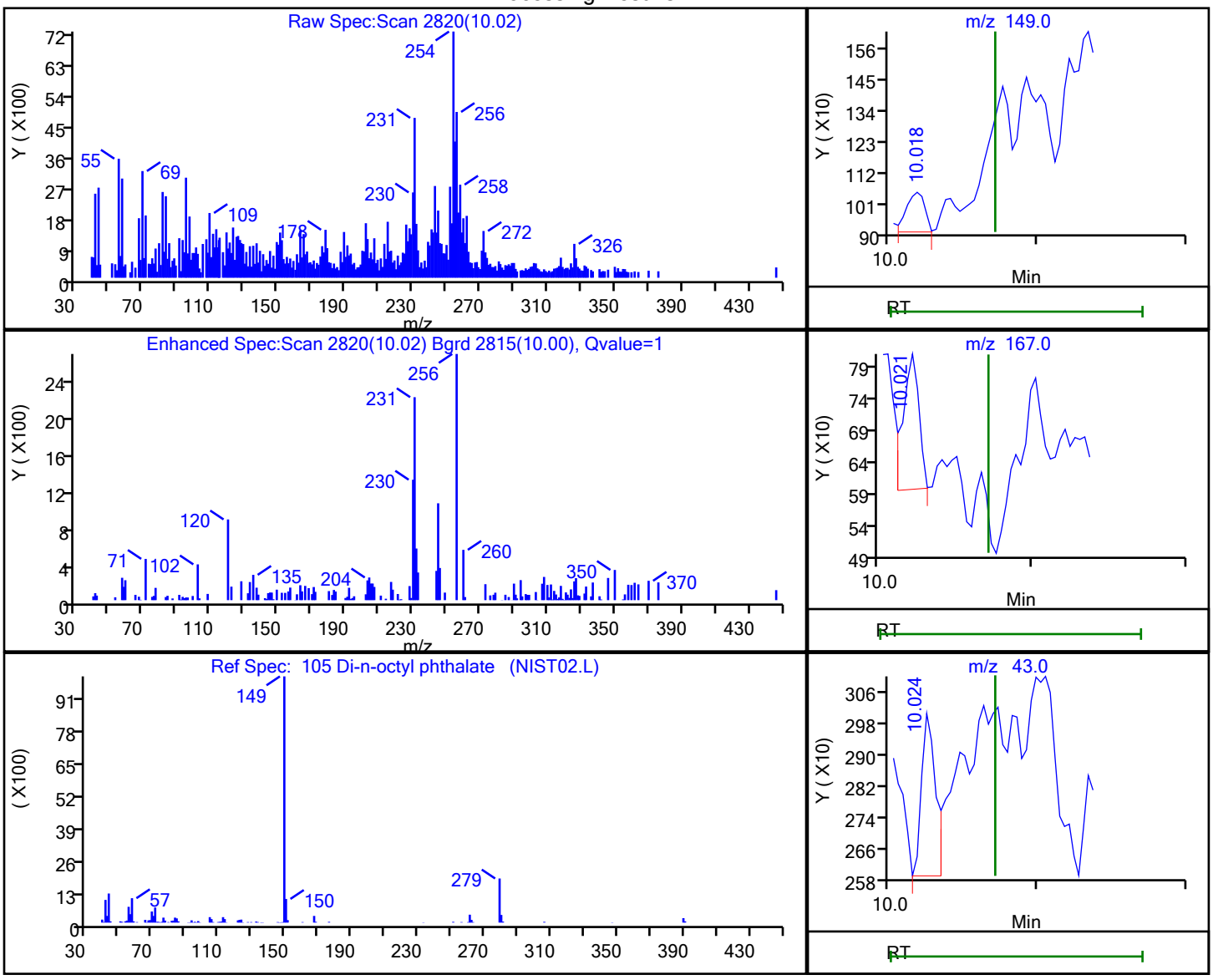
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.02 | 149.00 | 117 | 0.006563 |
| 10.02 | 167.00 | 155 | |
| 10.02 | 43.00 | 277 | |

Reviewer: G4KC, 09-Feb-2025 13:27:38 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

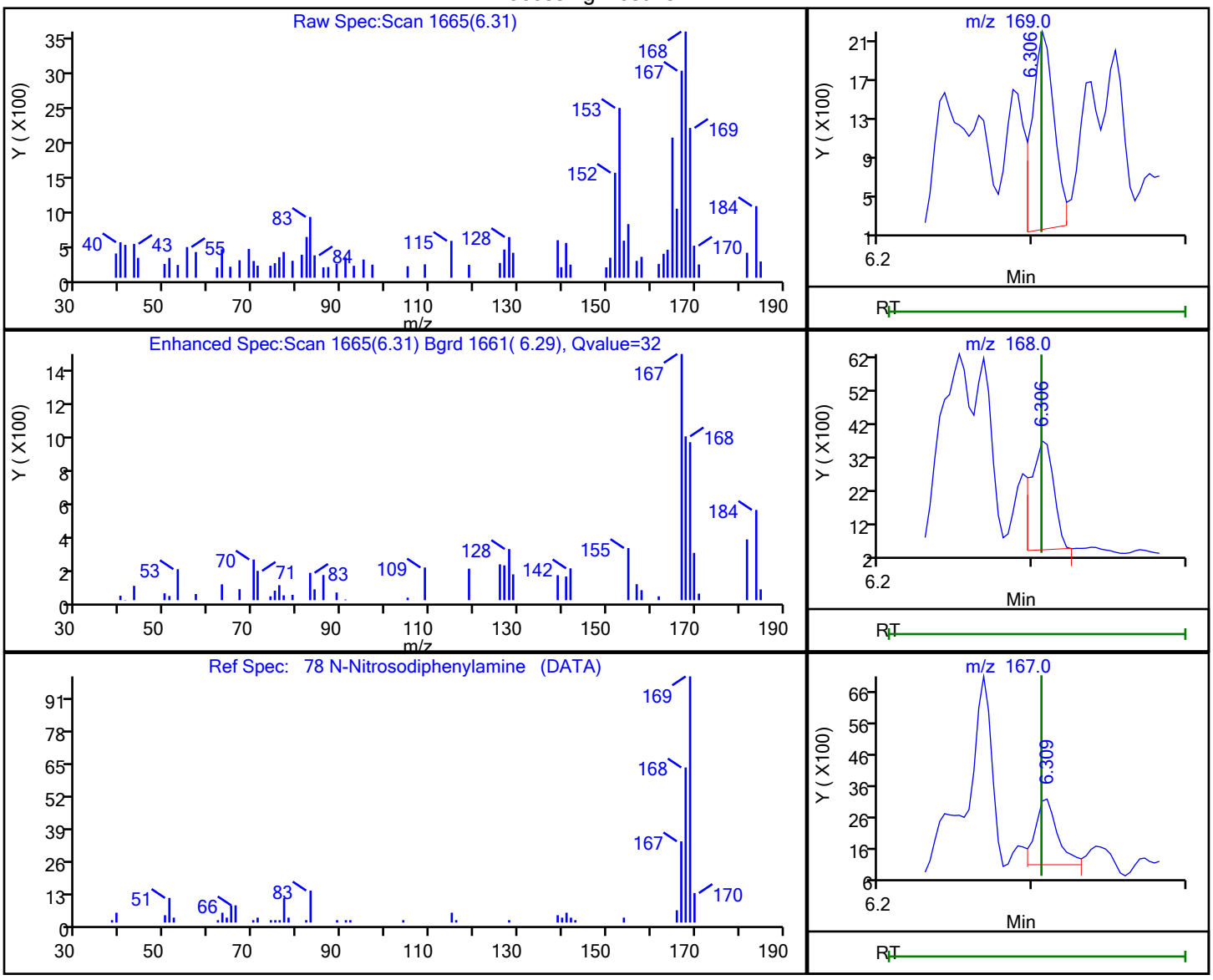
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62097.d | | | | |
| Injection Date: | 08-Feb-2025 22:12:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-1-C | Lab Sample ID: | 460-319954-1 | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.31 | 169.00 | 1996 | 0.270228 |
| 6.31 | 168.00 | 3337 | |
| 6.31 | 167.00 | 2169 | |

Reviewer: G4KC, 09-Feb-2025 13:27:30 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: X62096.d

Analysis Method: 8270E | Date Collected: 02/05/2025 09:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.08(g) | Date Analyzed: 02/08/2025 21:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.012 | J | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.042 | J | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 0.084 | J | 0.33 | 0.0095 |
| 208-96-8 | Acenaphthylene | 0.14 | J | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: X62096.d

Analysis Method: 8270E | Date Collected: 02/05/2025 09:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.08(g) | Date Analyzed: 02/08/2025 21:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.27 | J | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.020 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 0.92 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 0.85 | | 0.033 | 0.0089 |
| 205-99-2 | Benzo[b]fluoranthene | 1.1 | | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 0.50 | | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 0.38 | | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.090 | J | 0.33 | 0.018 |
| 85-68-7 | Butyl benzyl phthalate | 0.065 | J | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.052 |
| 86-74-8 | Carbazole | 0.11 | J | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 1.0 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.14 | | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 0.055 | J | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 |
| 84-74-2 | Di-n-butyl phthalate | 0.019 | J | 0.33 | 0.013 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 1.8 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.11 | J | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 0.39 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 0.071 | J | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: X62096.d

Analysis Method: 8270E | Date Collected: 02/05/2025 09:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.08(g) | Date Analyzed: 02/08/2025 21:52

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 1.5 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 1.8 | | 0.33 | 0.0083 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 76 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 73 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 71 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 69 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 71 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 71 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d
Lims ID: 460-319954-E-2-C
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 21:52:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:27:17 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:52:52

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.072 | 2.055 | 0.017 | 95 | 170299 | 35.6 | |
| $ 6 Phenol-d5 | 99 | 2.774 | 2.767 | 0.007 | 99 | 221660 | 35.6 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.049 | 3.042 | 0.007 | 95 | 154797 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.527 | 3.527 | 0.000 | 86 | 192742 | 34.7 | |
| * 38 Naphthalene-d8 | 136 | 4.163 | 4.157 | 0.006 | 99 | 579281 | 40.0 | |
| 39 Naphthalene | 128 | 4.179 | 4.182 | 0.003 | 49 | 15572 | 1.06 | |
| 44 2-Methylnaphthalene | 142 | 4.798 | 4.797 | 0.006 | 71 | 6168 | 0.6310 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.127 | 5.122 | 0.005 | 97 | 417786 | 36.7 | |
| 52 1,1'-Biphenyl | 154 | 5.214 | 5.208 | 0.006 | 65 | 2147 | 0.1833 | |
| 61 Acenaphthylene | 152 | 5.585 | 5.583 | 0.006 | 97 | 28354 | 2.08 | |
| * 65 Acenaphthene-d10 | 164 | 5.709 | 5.704 | 0.005 | 96 | 303031 | 40.0 | |
| 67 Acenaphthene | 154 | 5.738 | 5.733 | 0.005 | 67 | 10425 | 1.26 | |
| 71 Dibenzofuran | 168 | 5.892 | 5.891 | 0.006 | 90 | 10538 | 0.8247 | |
| 75 Fluorene | 166 | 6.192 | 6.192 | 0.005 | 84 | 16205 | 1.61 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.410 | 6.402 | 0.008 | 87 | 93321 | 38.0 | |
| * 88 Phenanthrene-d10 | 188 | 7.016 | 7.006 | 0.010 | 98 | 577034 | 40.0 | |
| 89 Phenanthrene | 178 | 7.035 | 7.029 | 0.006 | 97 | 322068 | 22.4 | |
| 90 Anthracene | 178 | 7.077 | 7.104 | 0.004 | 98 | 59135 | 3.99 | |
| 91 Carbazole | 167 | 7.234 | 7.228 | 0.010 | 79 | 21602 | 1.62 | |
| 92 Di-n-butyl phthalate | 149 | 7.552 | 7.551 | 0.006 | 29 | 4648 | 0.2800 | |
| 93 Fluoranthene | 202 | 8.085 | 8.102 | 0.015 | 97 | 442619 | 27.2 | |
| 95 Pyrene | 202 | 8.281 | 8.274 | 0.013 | 96 | 464196 | 27.2 | |
| $ 96 Terphenyl-d14 | 244 | 8.429 | 8.416 | 0.013 | 98 | 545813 | 35.5 | |
| 97 Butyl benzyl phthalate | 149 | 8.874 | 8.874 | 0.011 | 96 | 7156 | 0.9636 | |
| 101 Benzo[a]anthracene | 228 | 9.383 | 9.368 | 0.015 | 99 | 234086 | 13.8 | |
| * 102 Chrysene-d12 | 240 | 9.396 | 9.378 | 0.018 | 99 | 517355 | 40.0 | |
| 103 Chrysene | 228 | 9.419 | 9.408 | 0.016 | 95 | 250240 | 15.2 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.438 | 9.429 | 0.016 | 57 | 14469 | 1.35 | |
| 106 Benzo[b]fluoranthene | 252 | 10.462 | 10.458 | 0.017 | 98 | 270652 | 16.2 | |
| 107 Benzo[k]fluoranthene | 252 | 10.485 | 10.484 | 0.012 | 1 | 102135 | 5.72 | Ma |
| 108 Benzo[a]pyrene | 252 | 10.789 | 10.767 | 0.022 | 96 | 193171 | 12.6 | |
| * 109 Perylene-d12 | 264 | 10.850 | 10.822 | 0.028 | 98 | 604473 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.966 | 11.959 | 0.023 | 98 | 118664 | 5.85 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.976 | 11.976 | 0.017 | 48 | 35997 | 2.14 | a |
| 112 Benzo[g,h,i]perylene | 276 | 12.274 | 12.266 | 0.024 | 91 | 114960 | 7.53 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

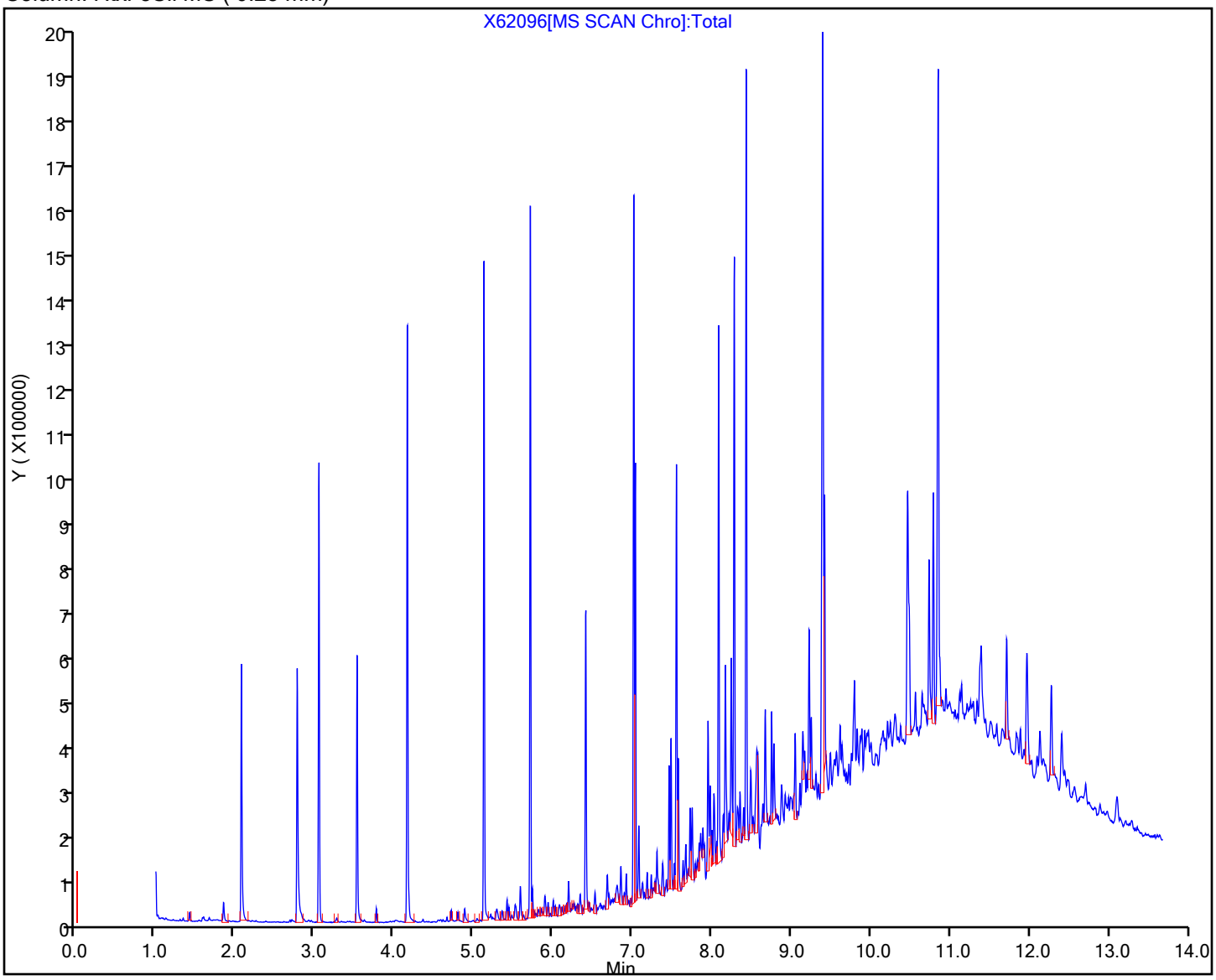
Report Date: 09-Feb-2025 13:27:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d
Lims ID: 460-319954-E-2-C
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 21:52:30 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-025
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:27:17 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:52:52

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 35.6 | 71.25 |
| $ 6 Phenol-d5 | 50.0 | 35.6 | 71.29 |
| $ 26 Nitrobenzene-d5 | 50.0 | 34.7 | 69.30 |
| $ 51 2-Fluorobiphenyl | 50.0 | 36.7 | 73.43 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 38.0 | 76.07 |
| $ 96 Terphenyl-d14 | 50.0 | 35.5 | 71.00 |

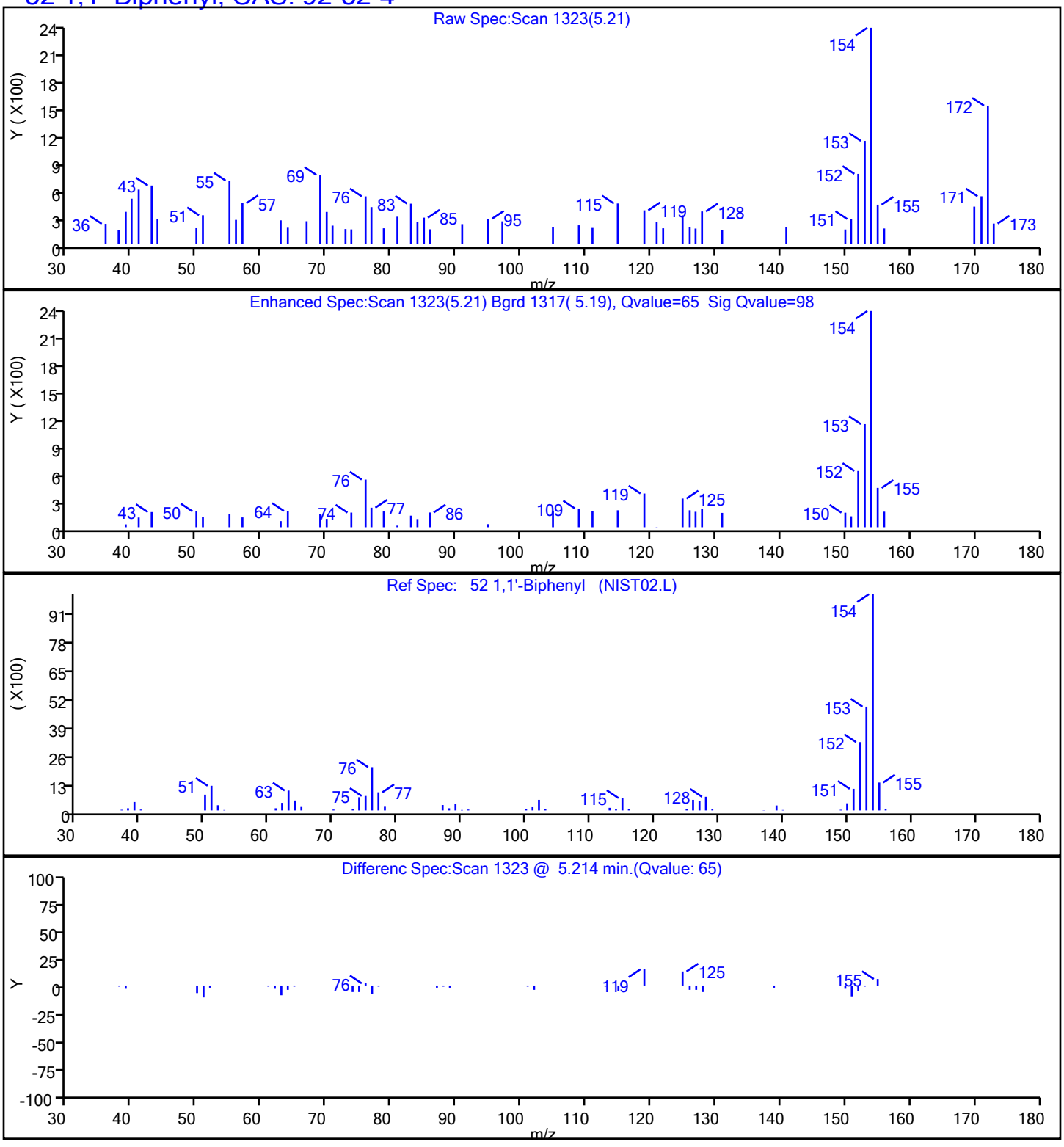
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4



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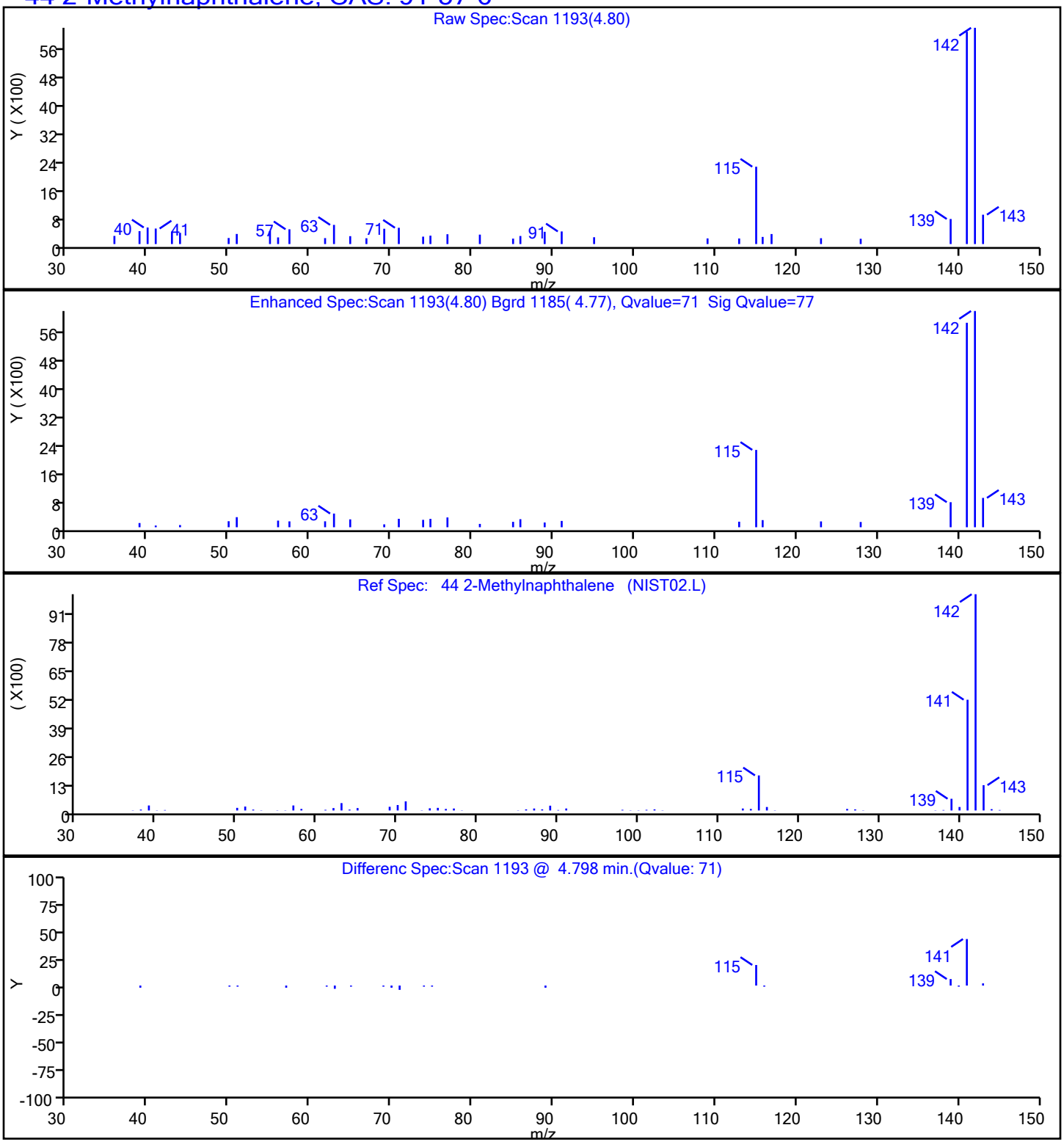
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

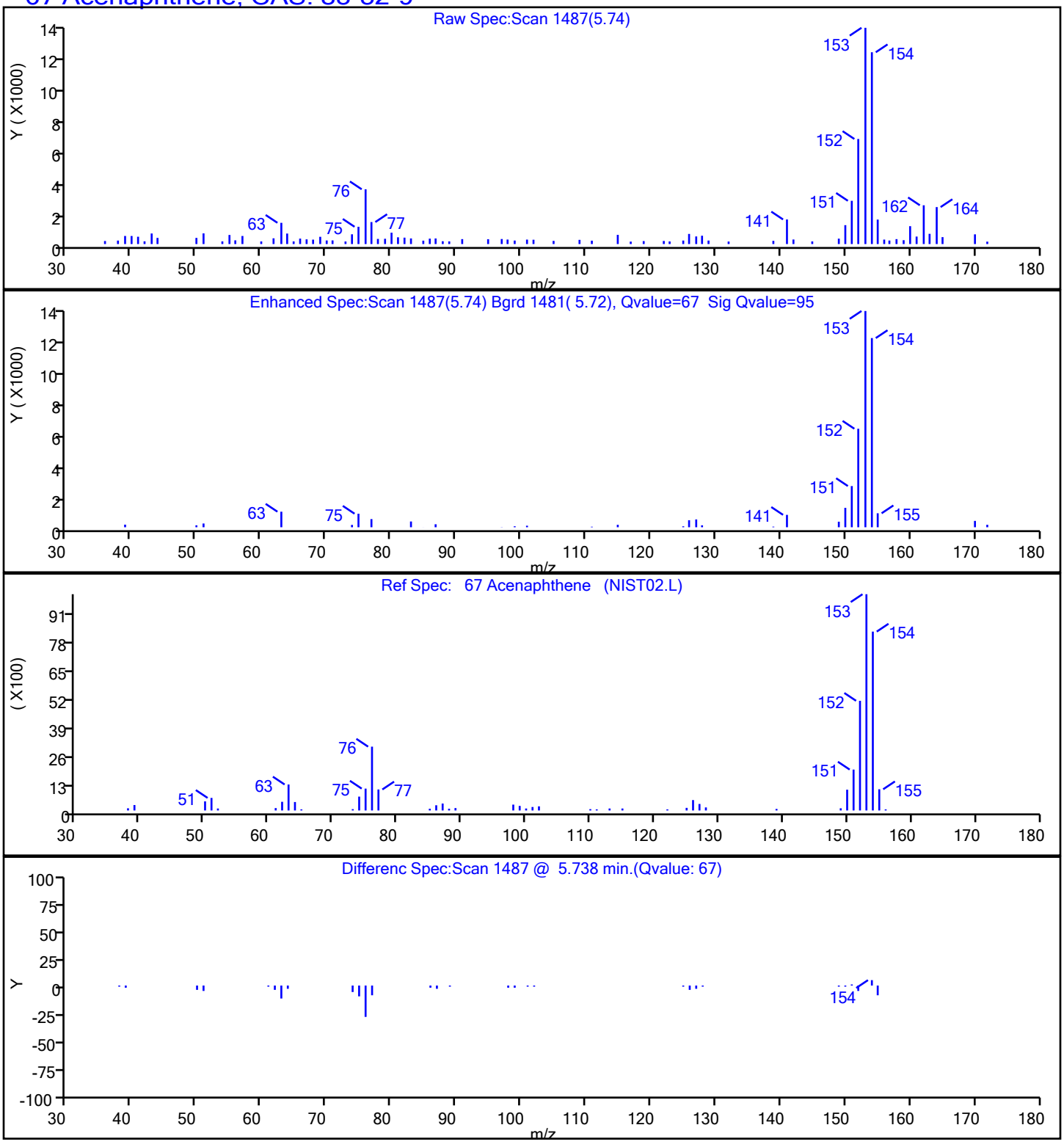
## 44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 67 Acenaphthene, CAS: 83-32-9



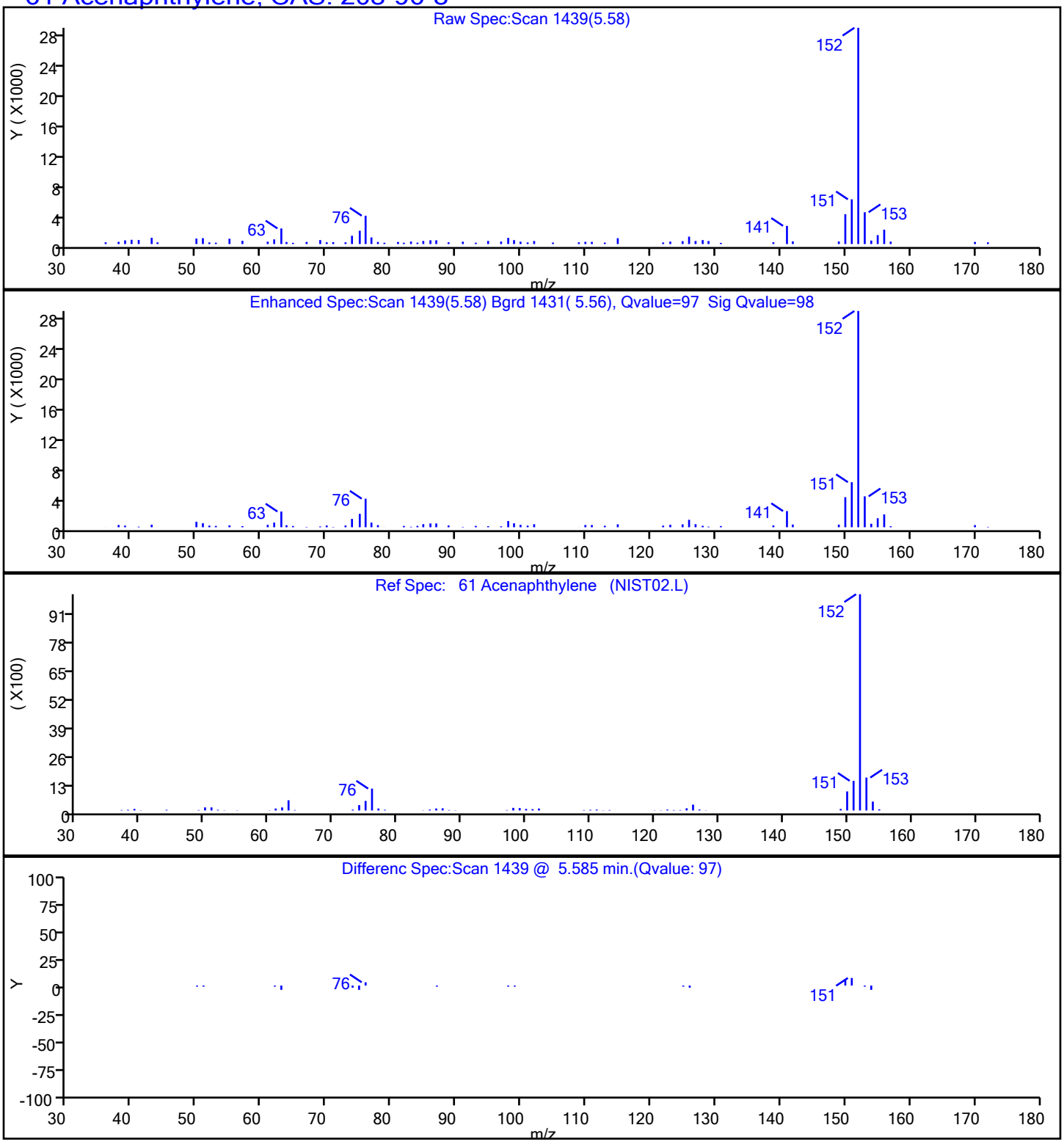
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 61 Acenaphthylene, CAS: 208-96-8



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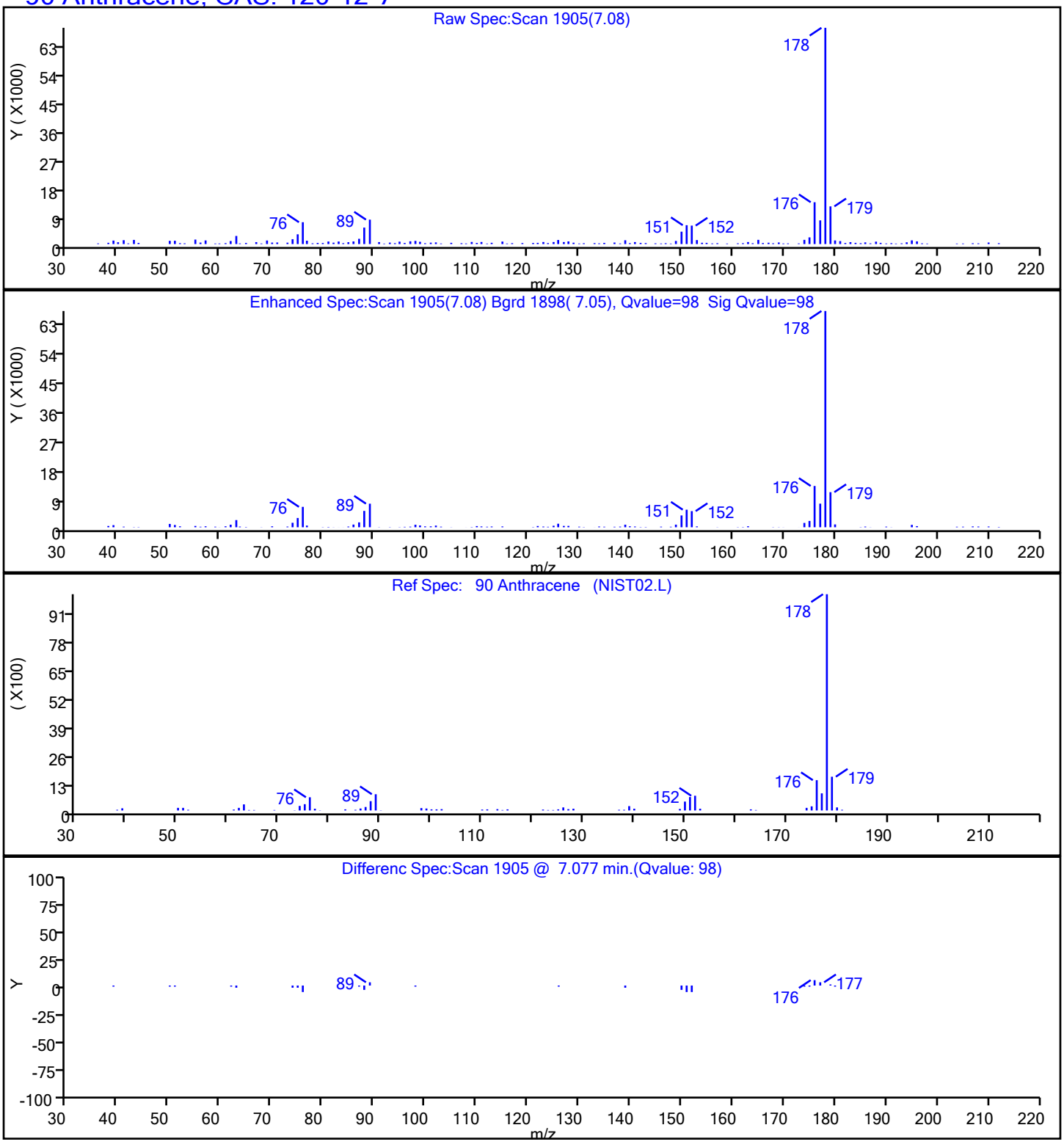
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7






2/14/2025
12:32:58 PM

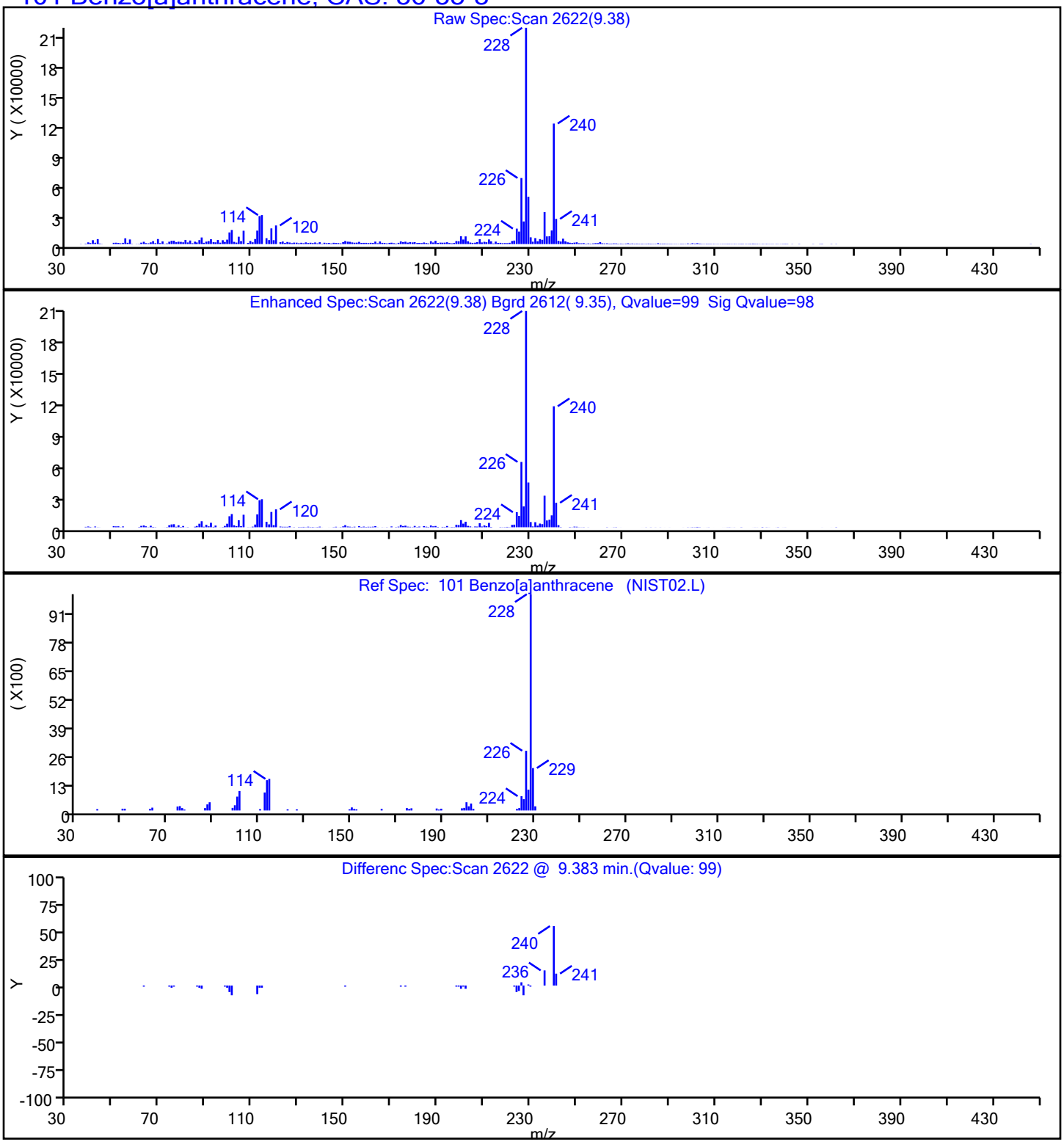
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3



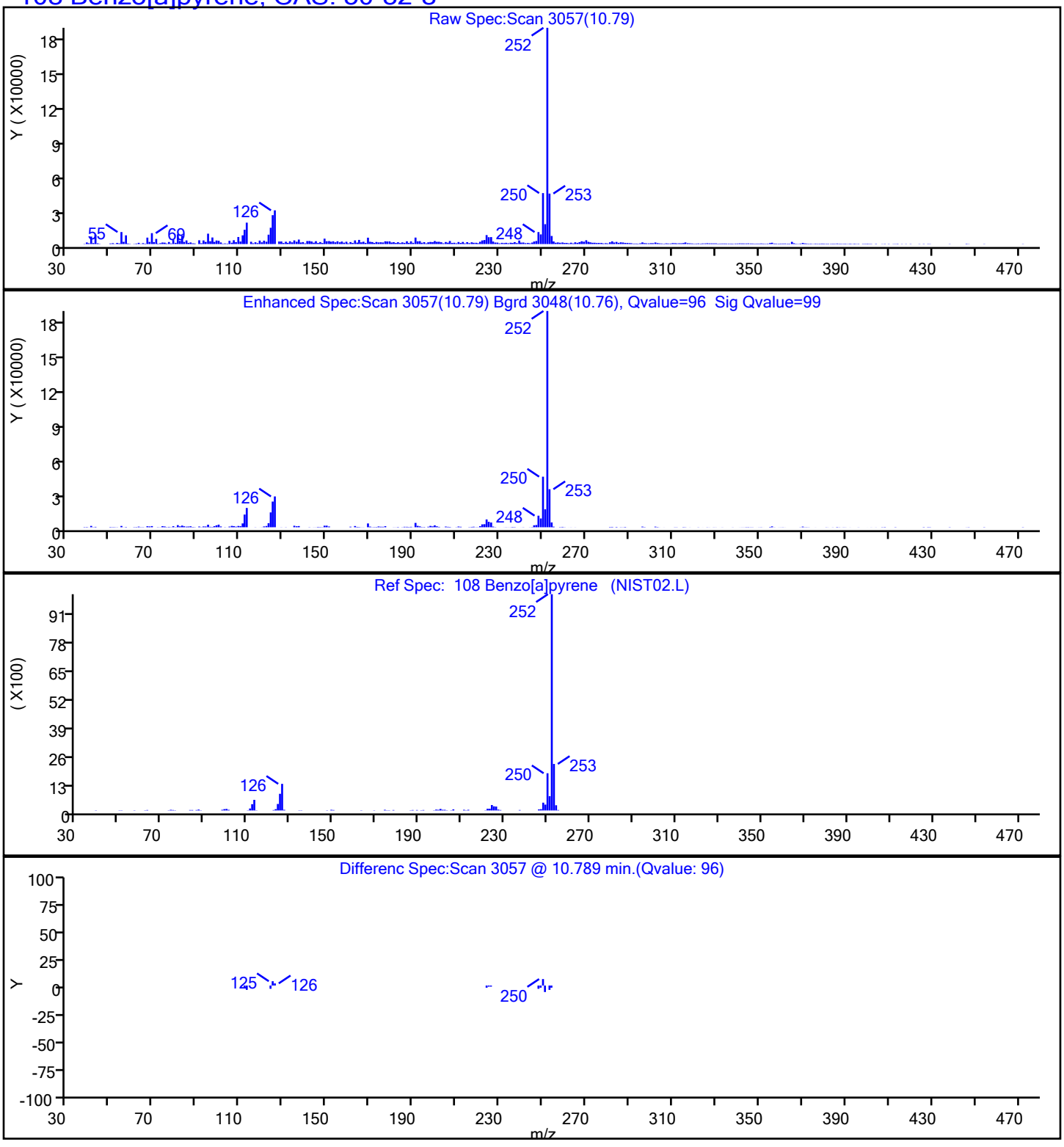
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8



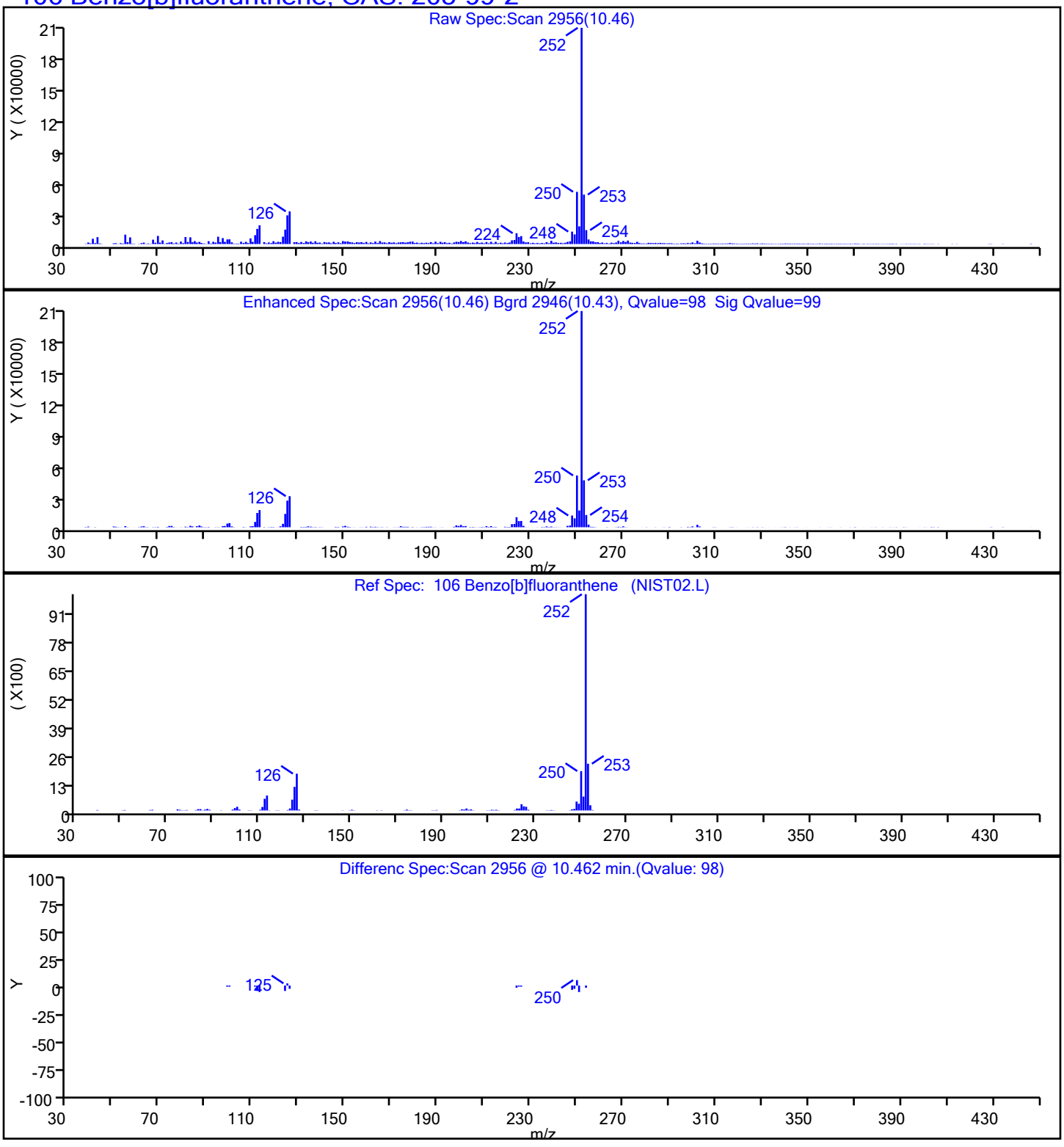
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 106 Benzo[b]fluoranthene, CAS: 205-99-2



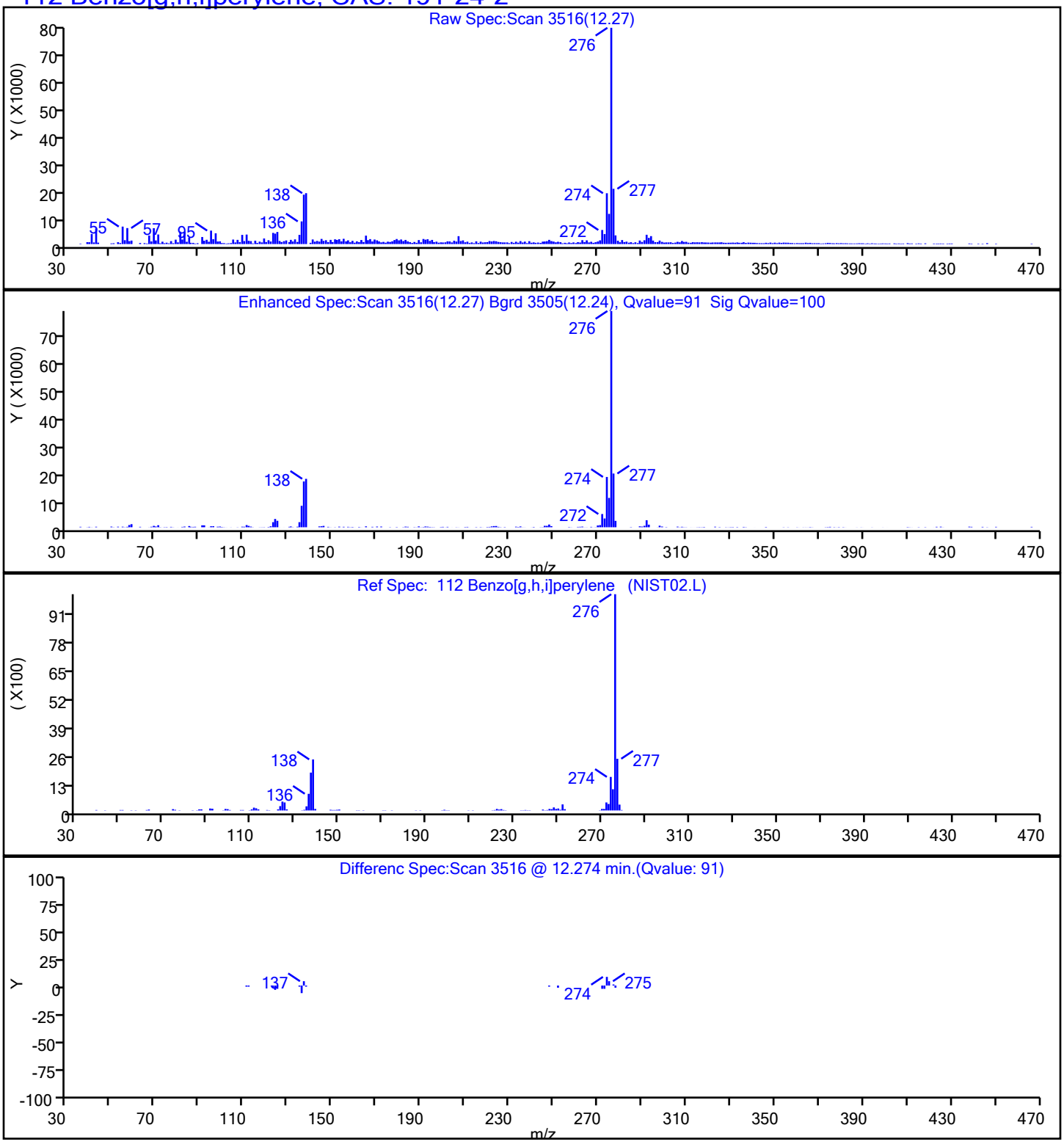
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

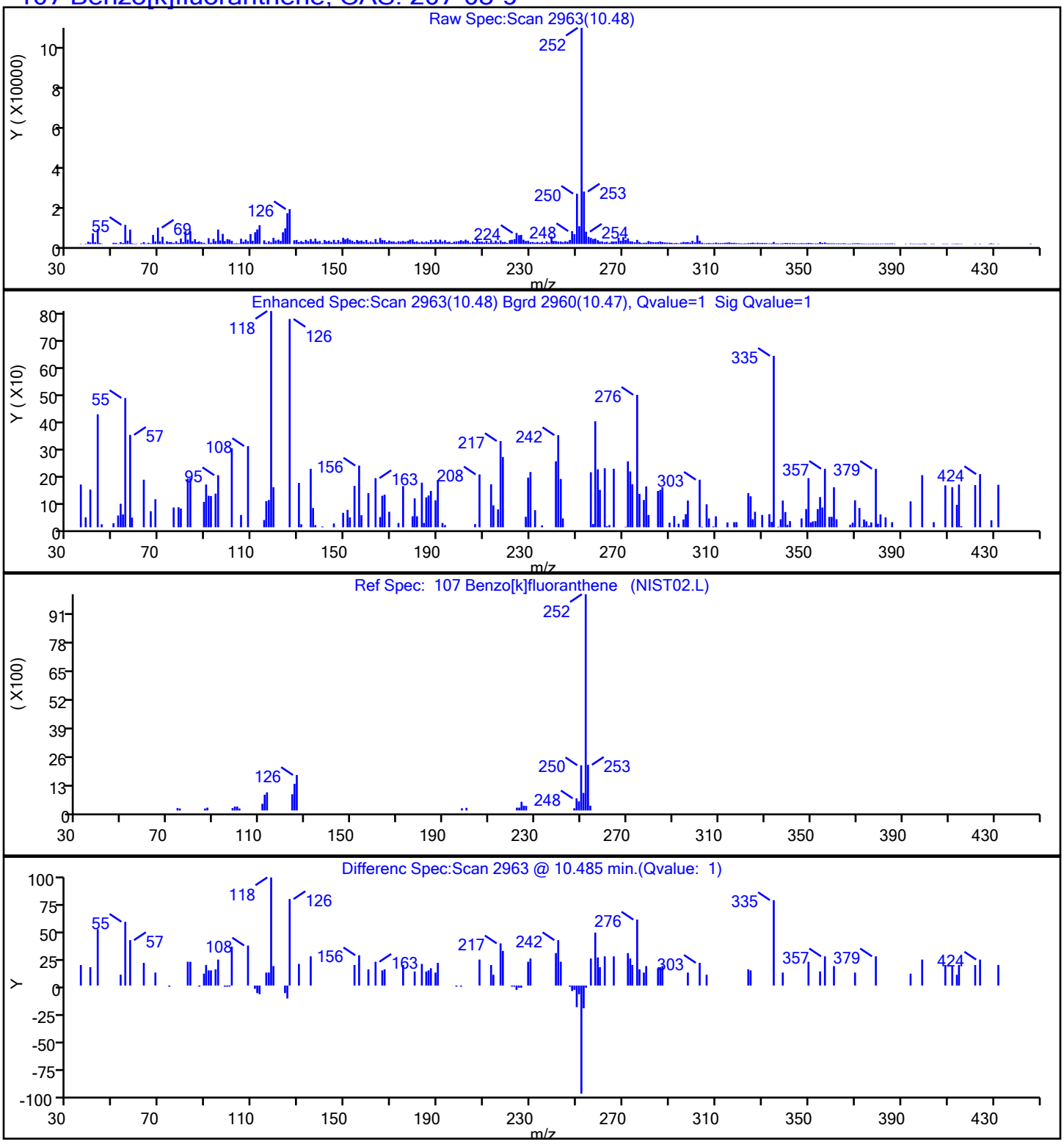
## 112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

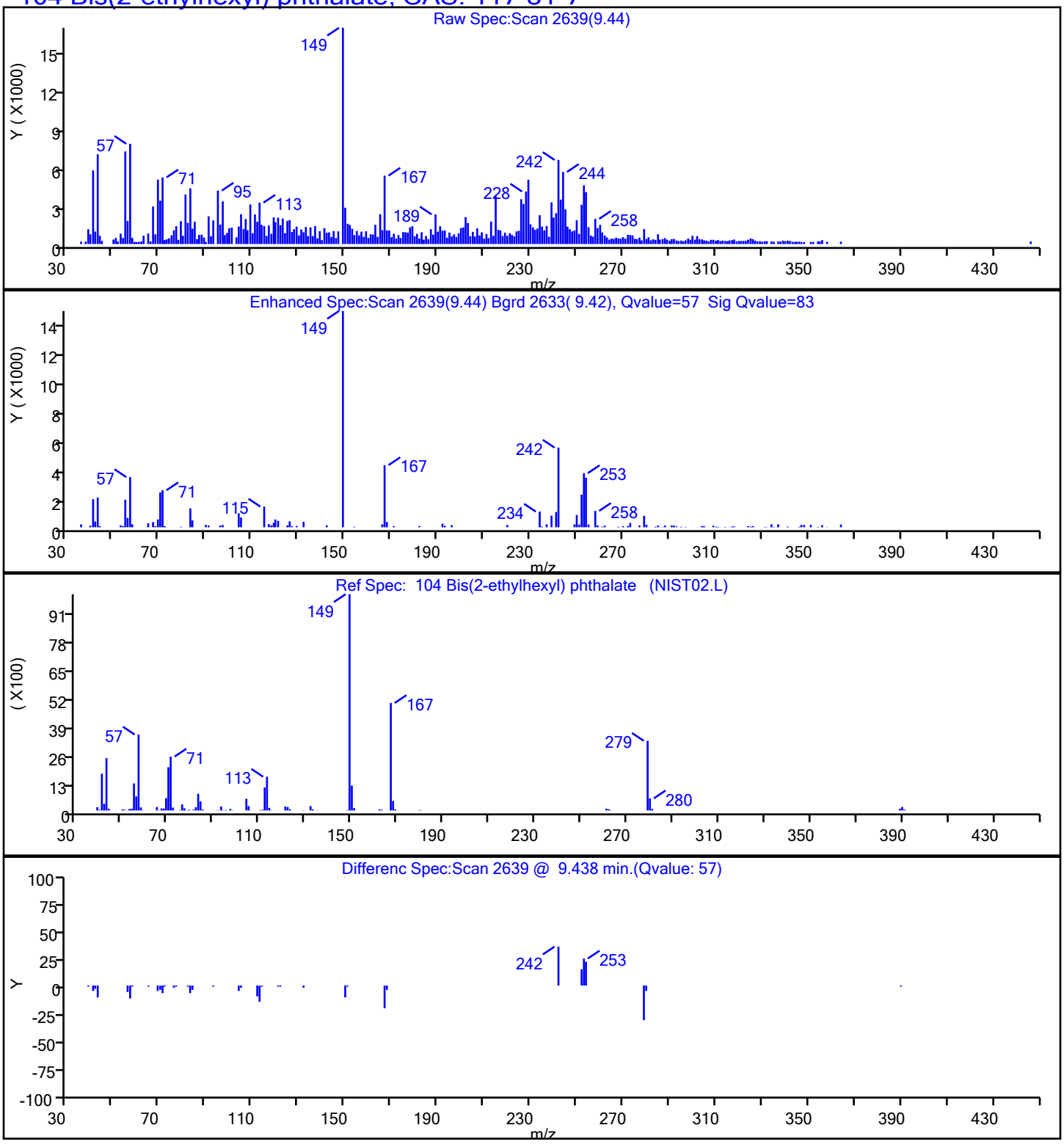


Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

| | | | | | |
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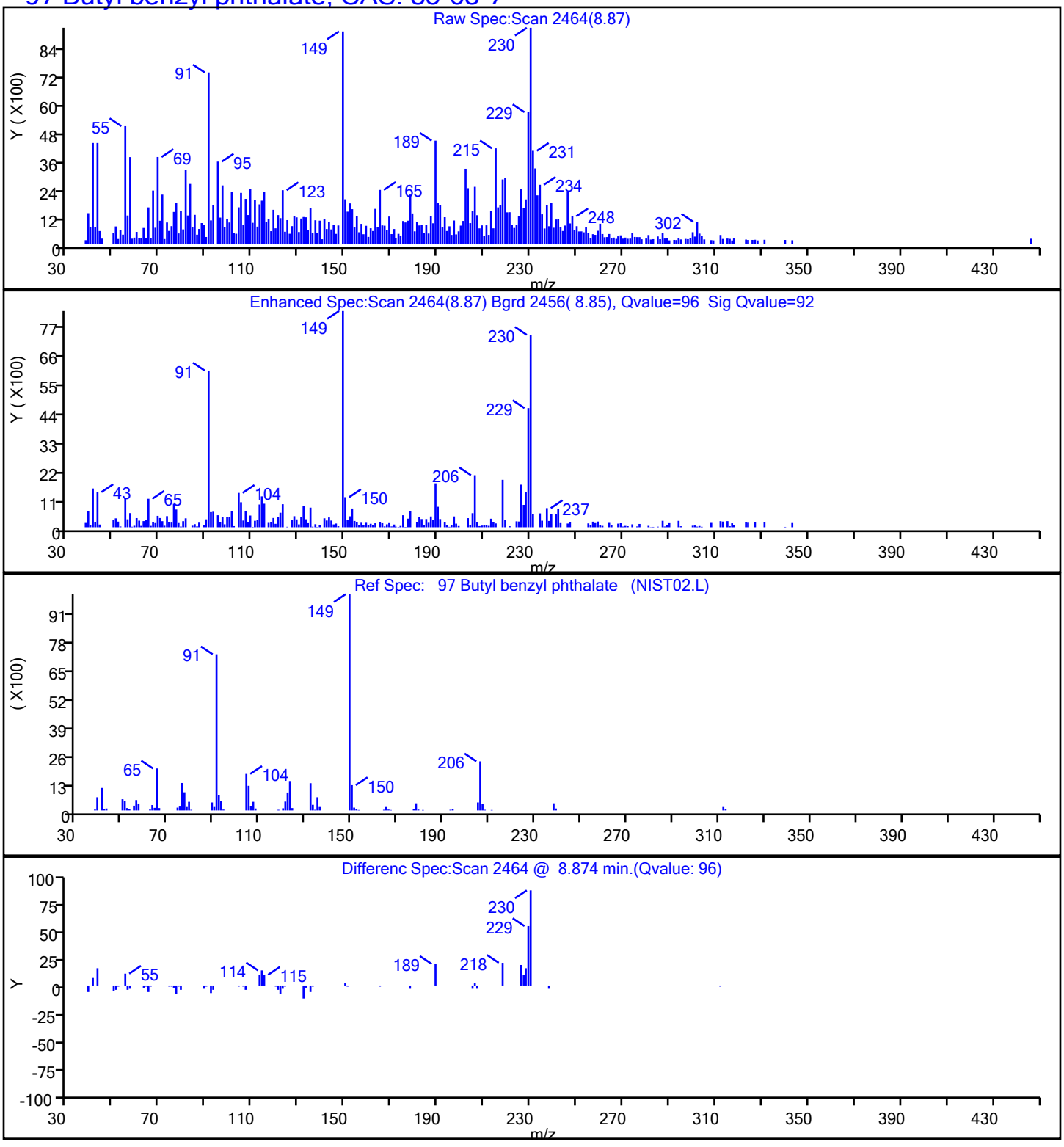
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

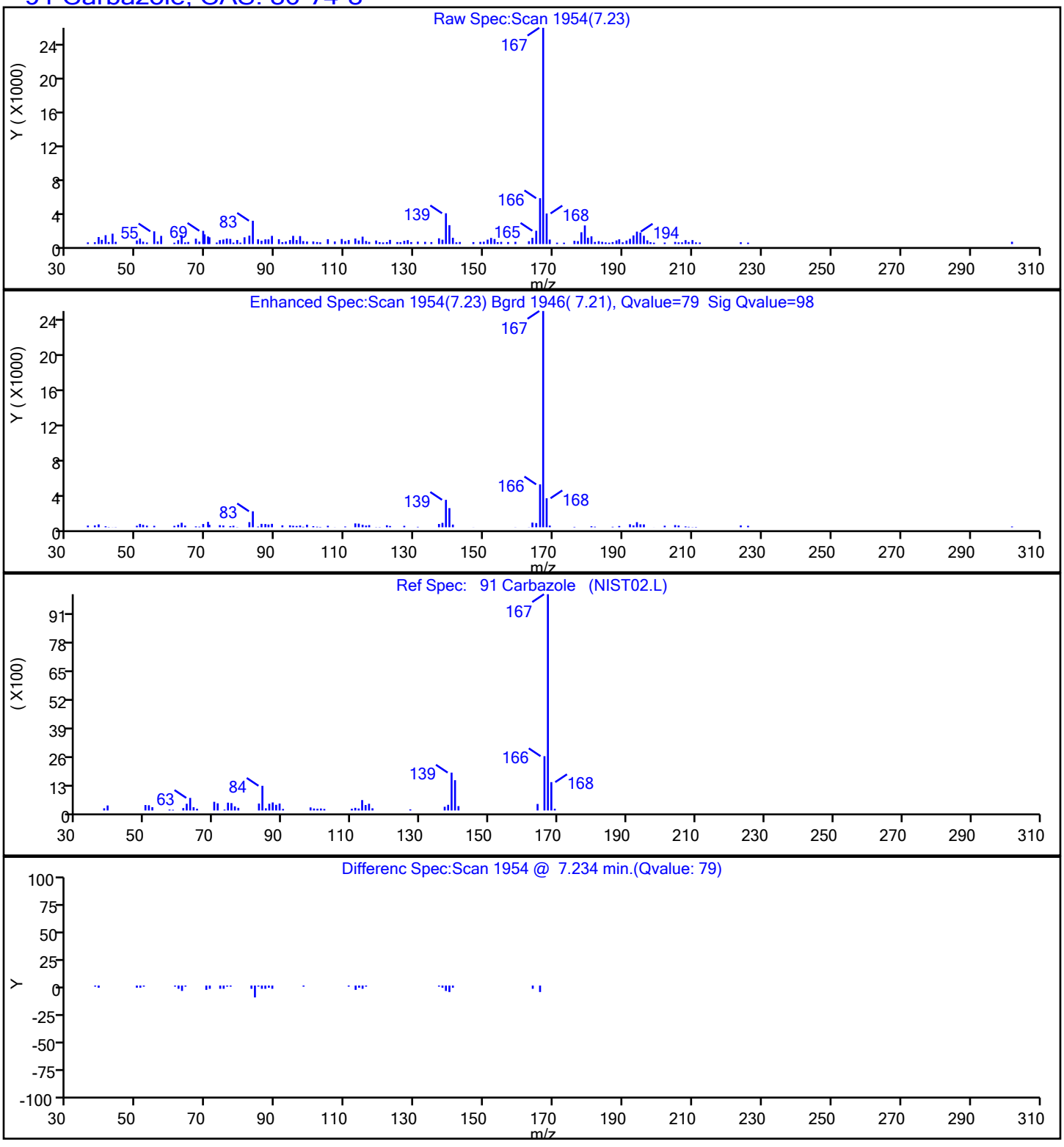
## 97 Butyl benzyl phthalate, CAS: 85-68-7



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 91 Carbazole, CAS: 86-74-8



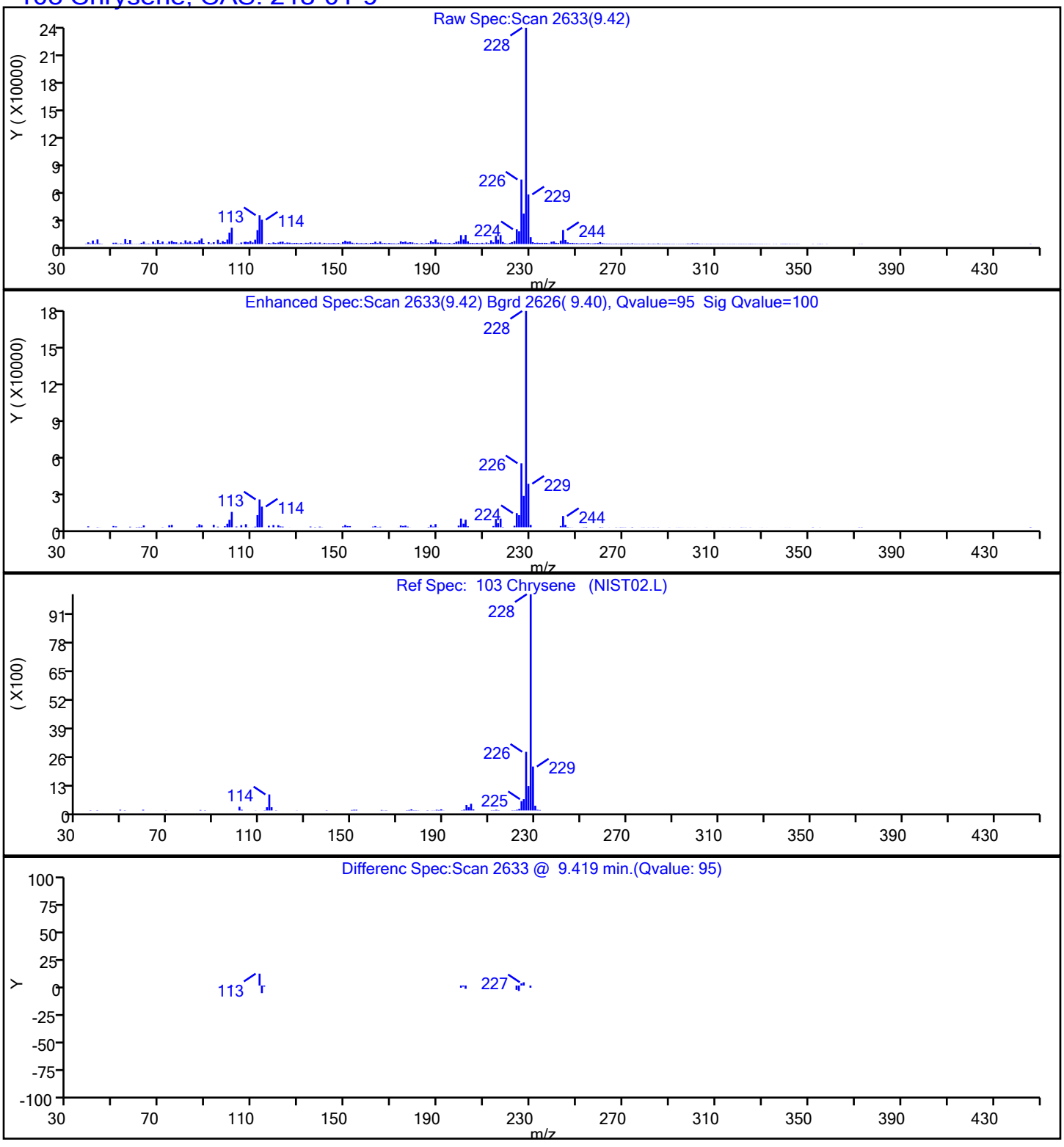
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 103 Chrysene, CAS: 218-01-9



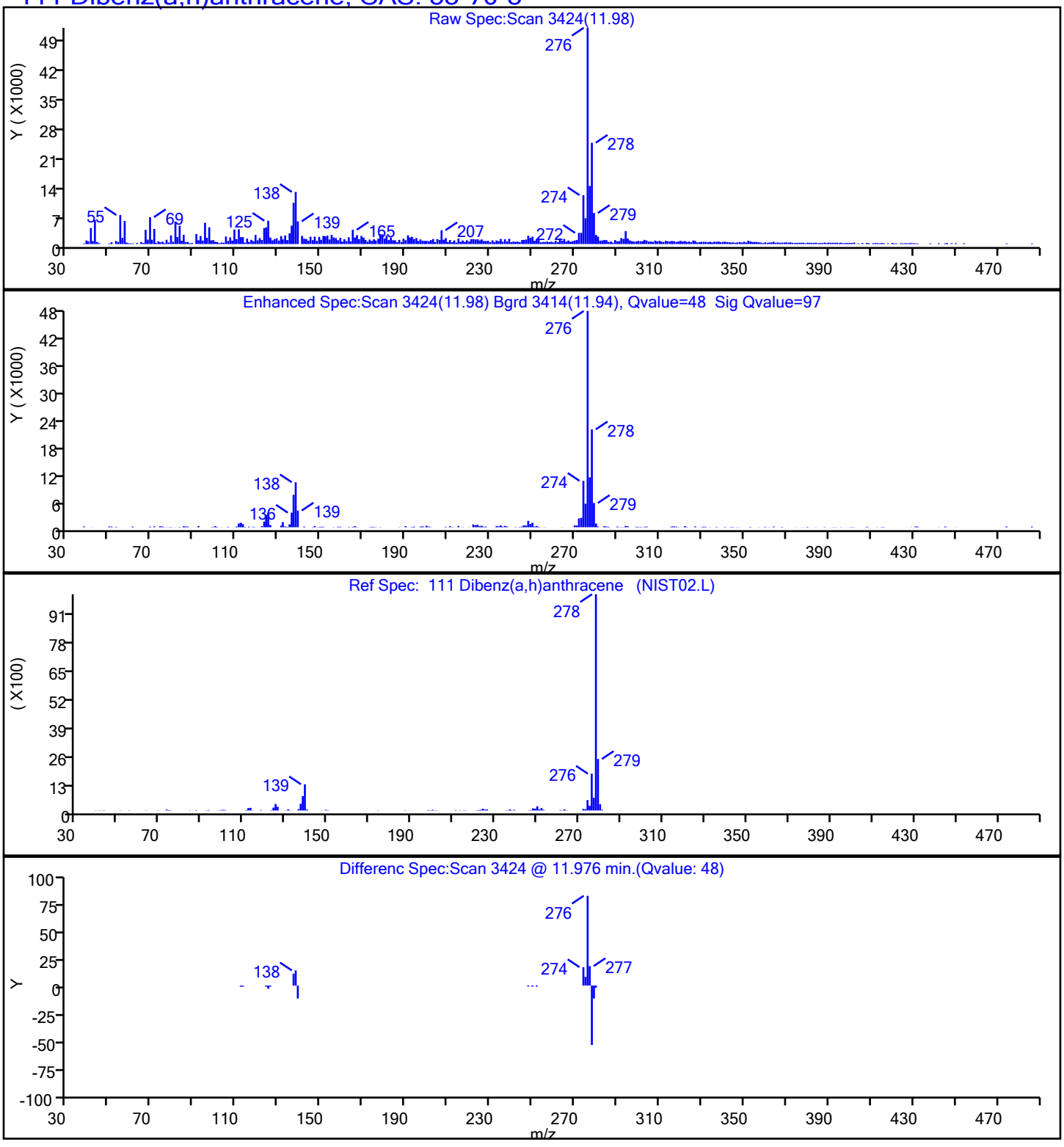



2/14/2025
12:32:58 PM

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

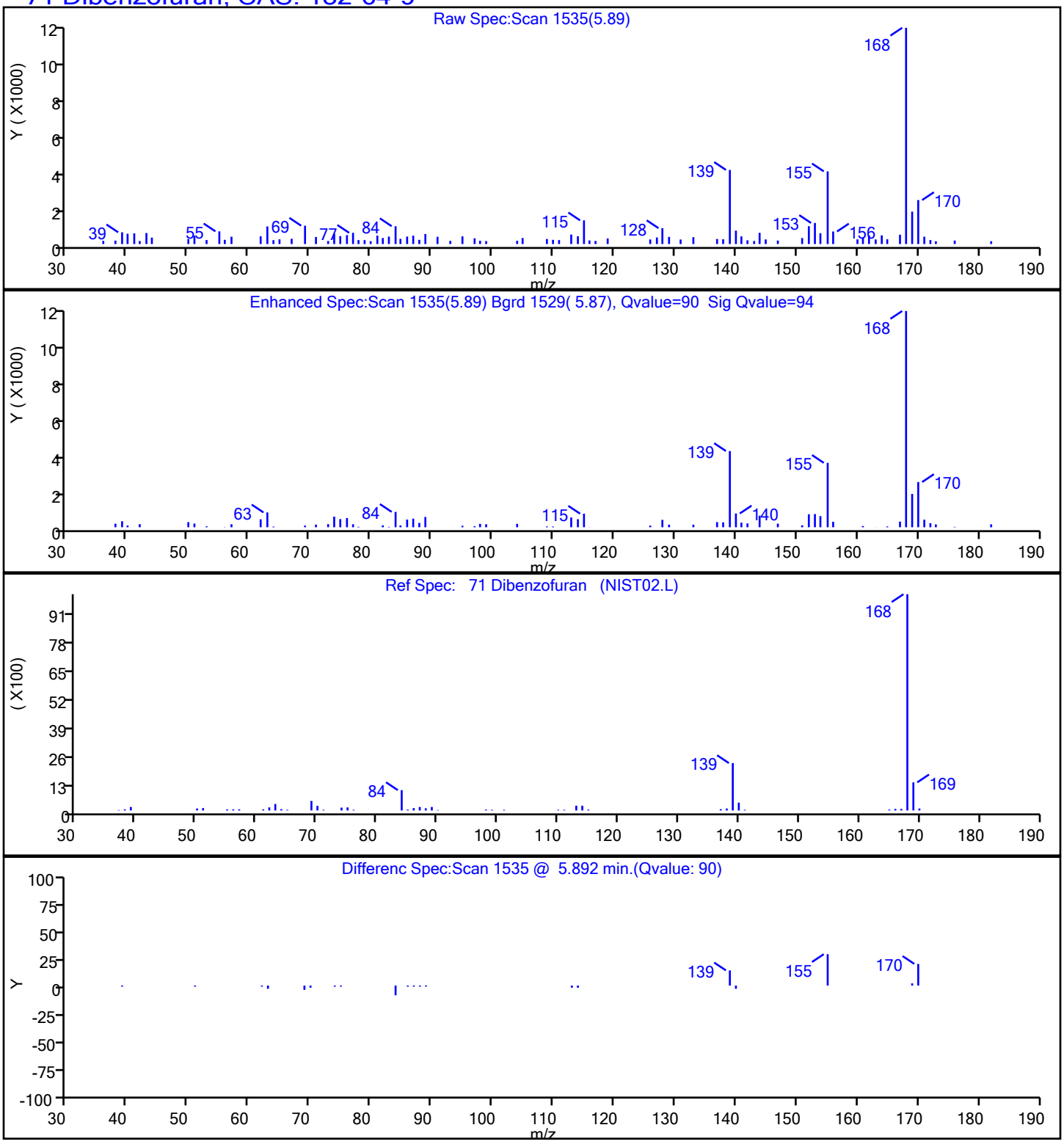
## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d
Injection Date: 08-Feb-2025 21:52:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-2-C Lab Sample ID: 460-319954-2
Client ID: RX-18-01_0-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

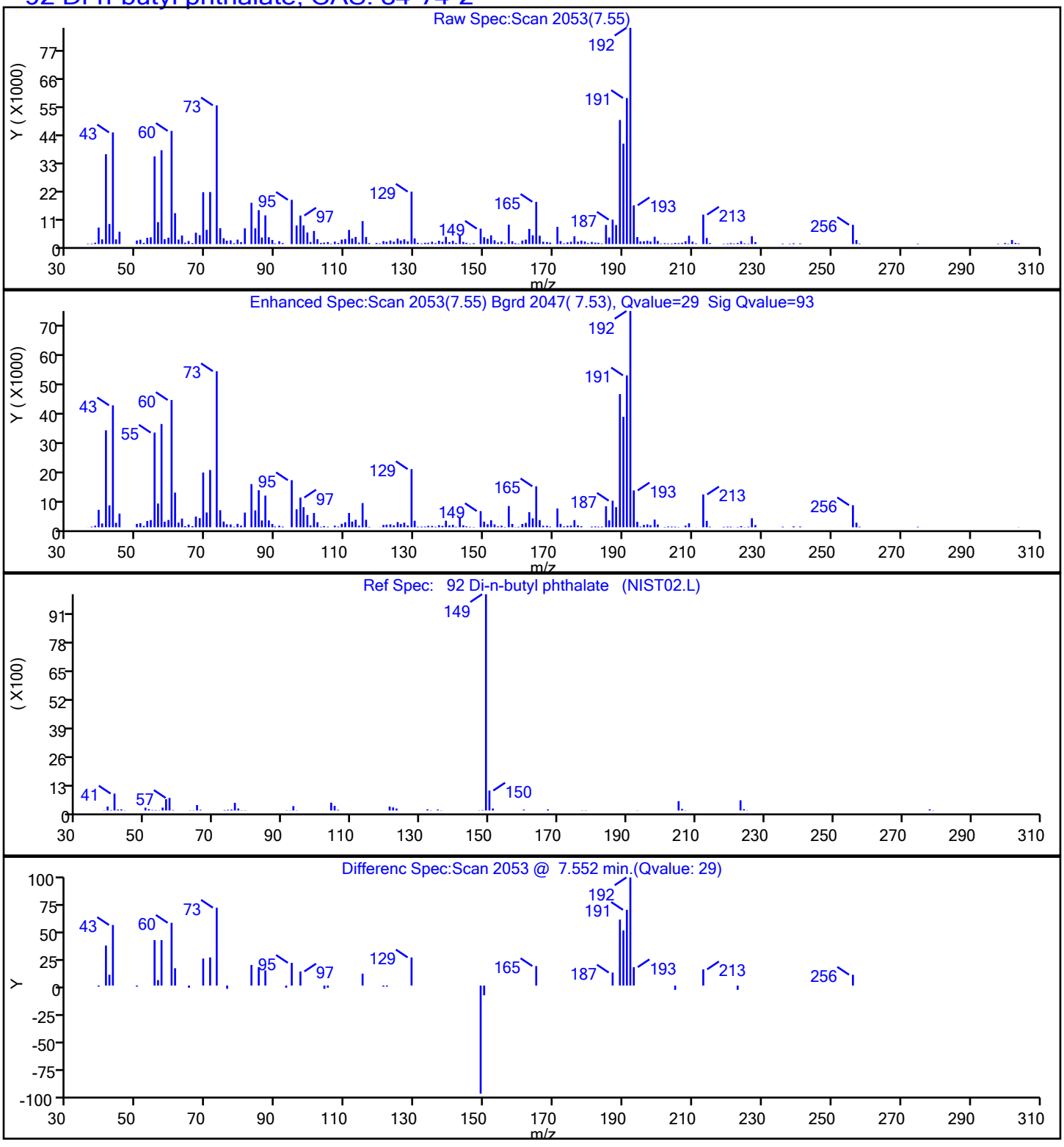
## 71 Dibenzofuran, CAS: 132-64-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Di-n-butyl phthalate, CAS: 84-74-2



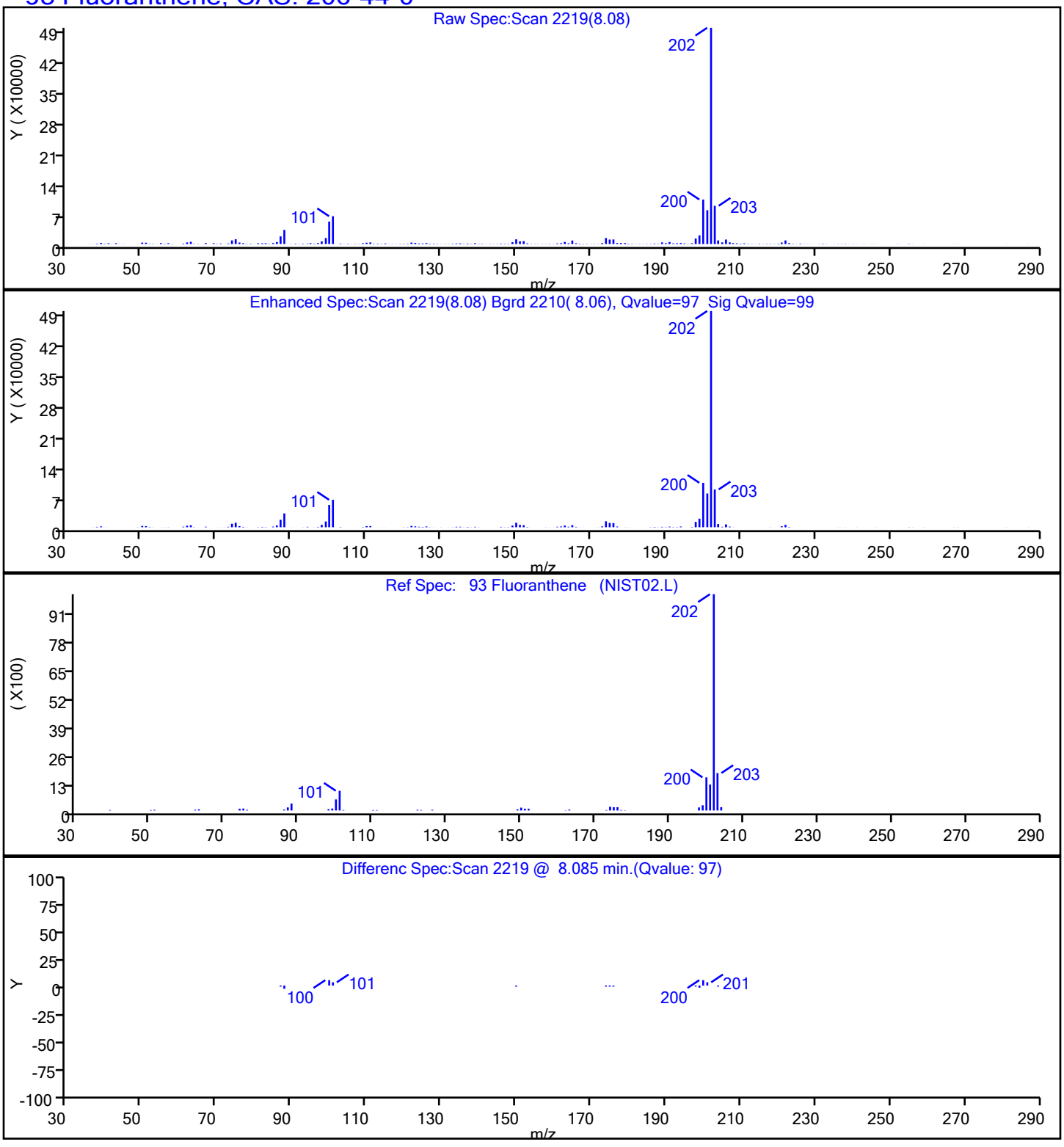
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0



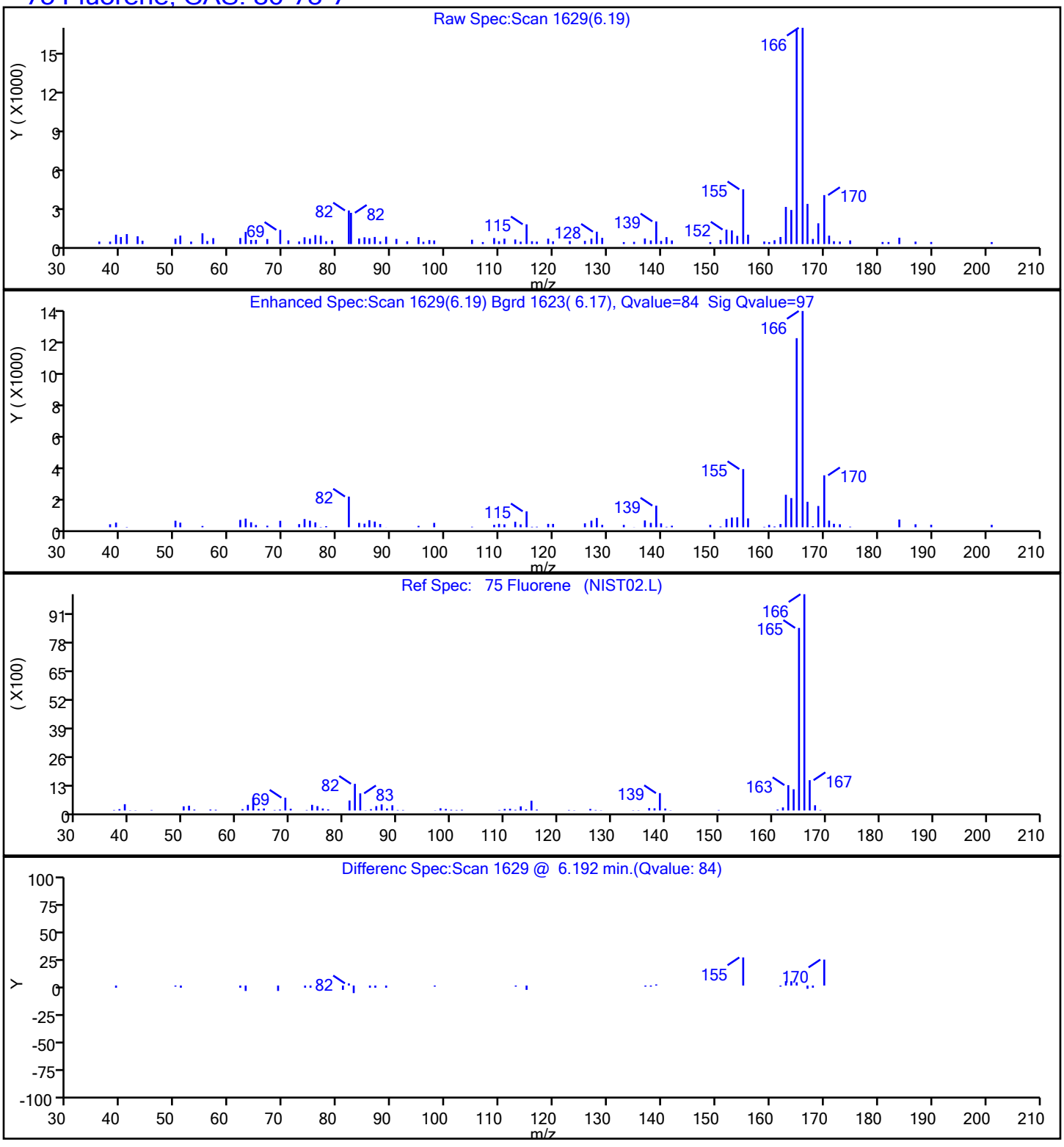
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 75 Fluorene, CAS: 86-73-7



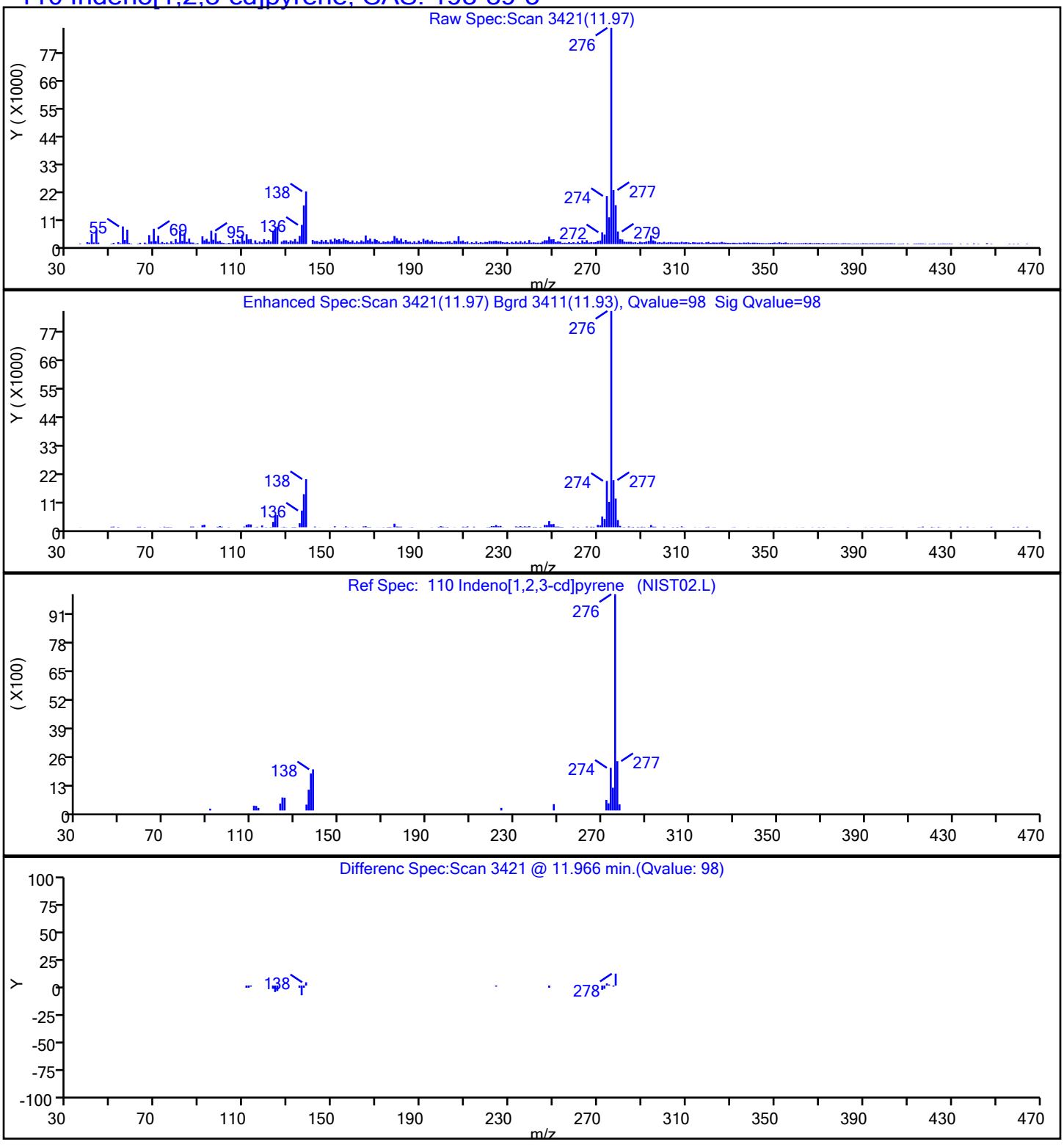



2/14/2025
12:32:58 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d
Injection Date: 08-Feb-2025 21:52:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-2-C Lab Sample ID: 460-319954-2
Client ID: RX-18-01_0-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

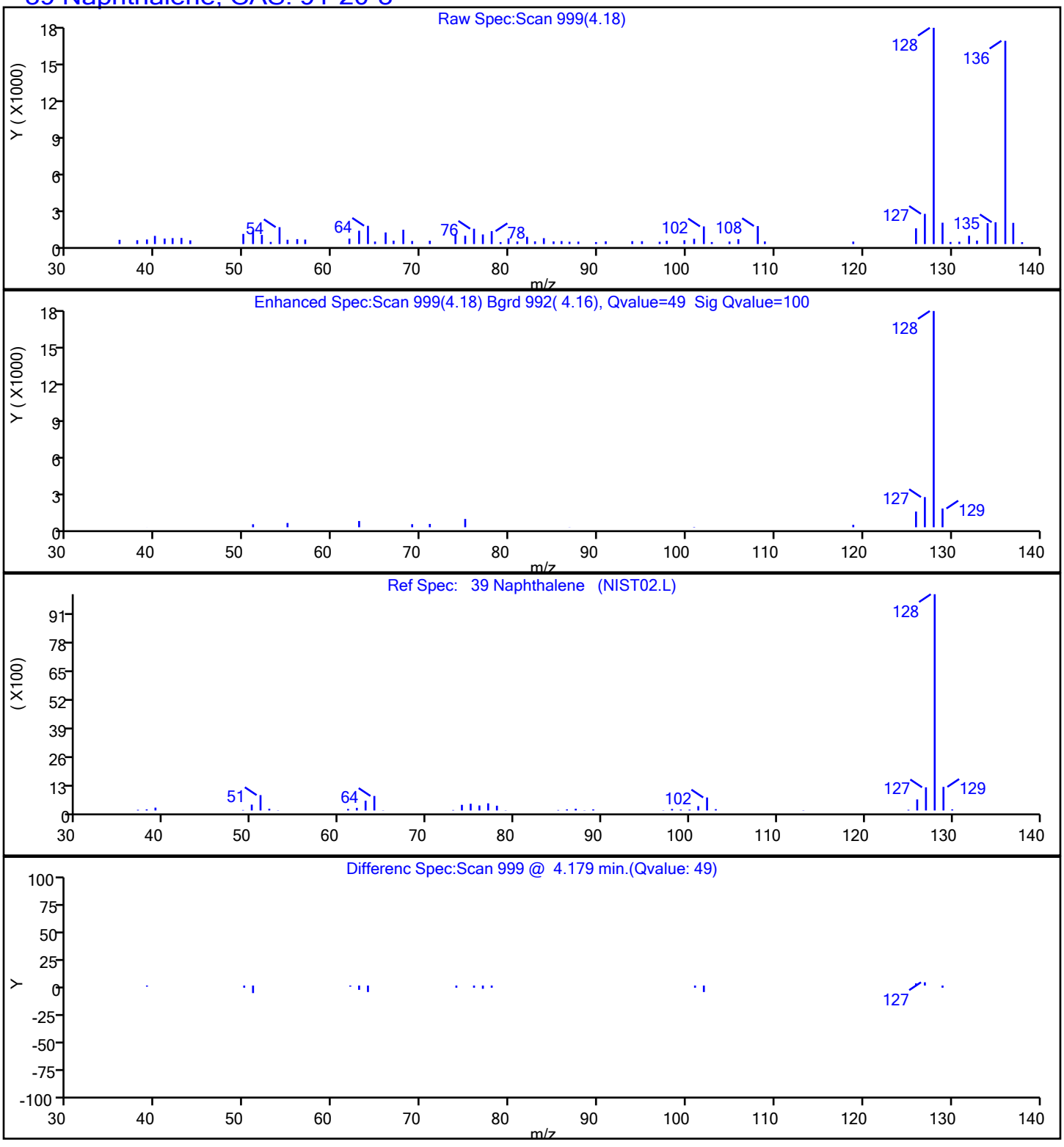
## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d
Injection Date: 08-Feb-2025 21:52:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-2-C Lab Sample ID: 460-319954-2
Client ID: RX-18-01_0-2
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

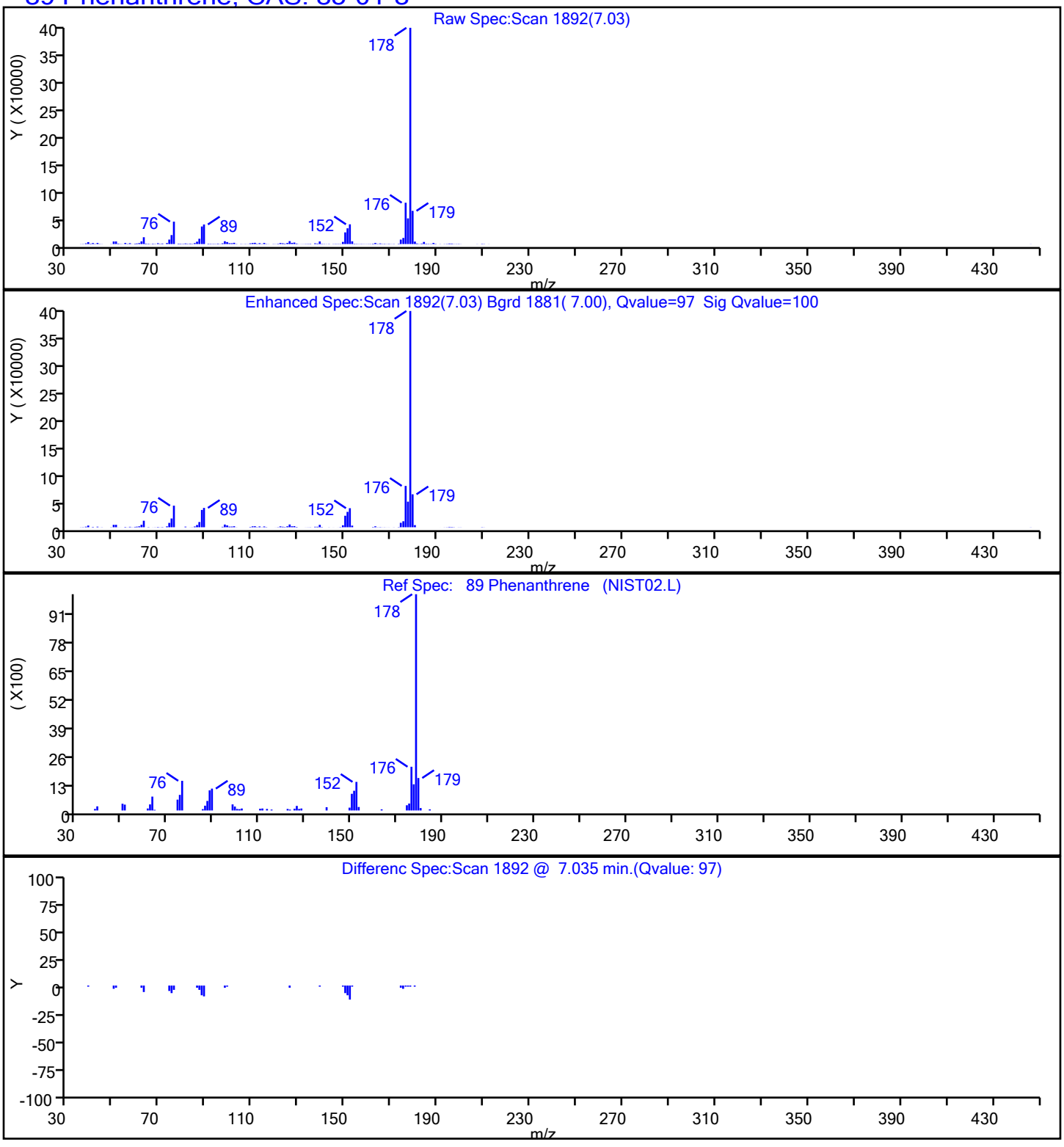
## 39 Naphthalene, CAS: 91-20-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



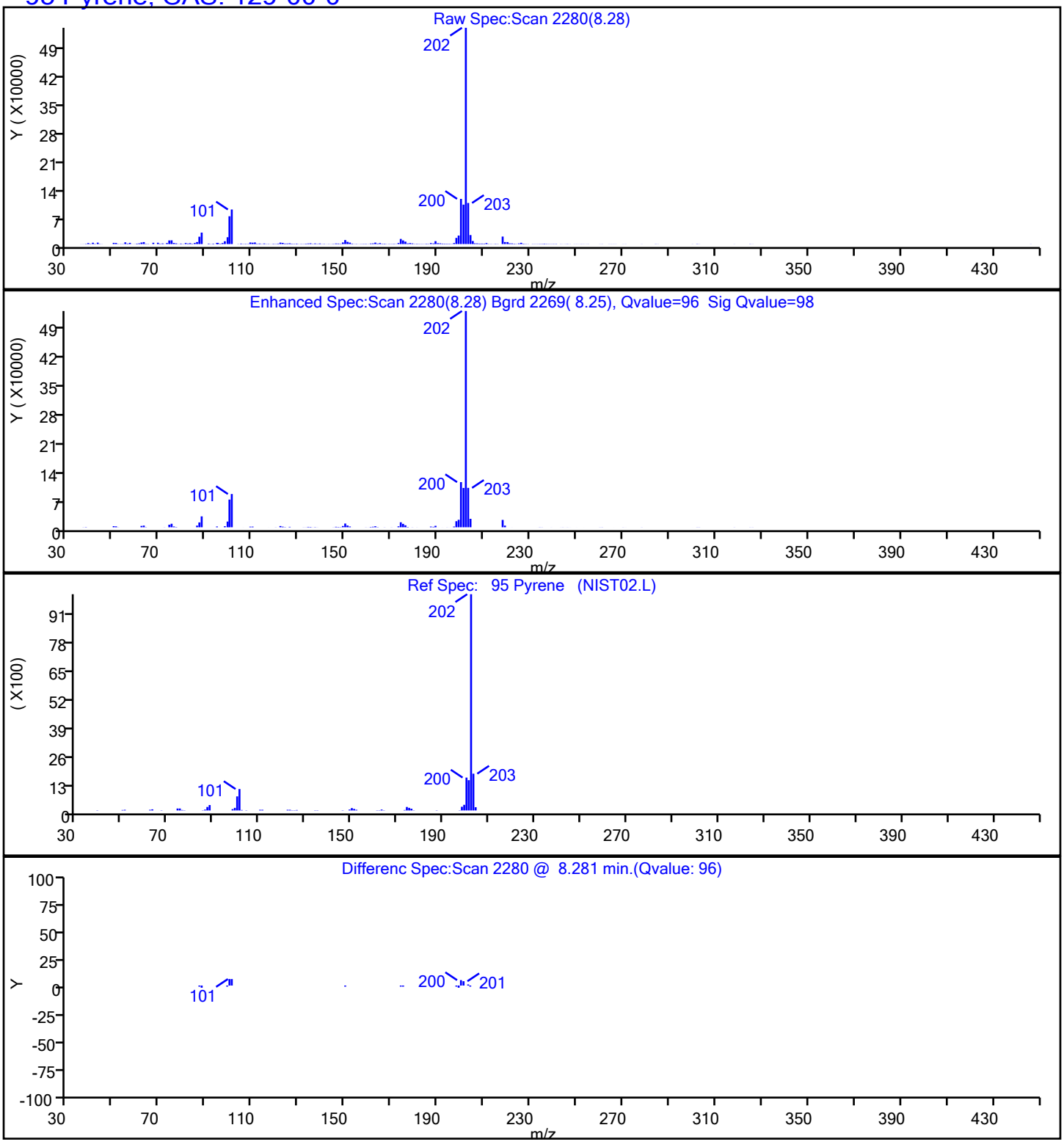
Report Date: 09-Feb-2025 13:27:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



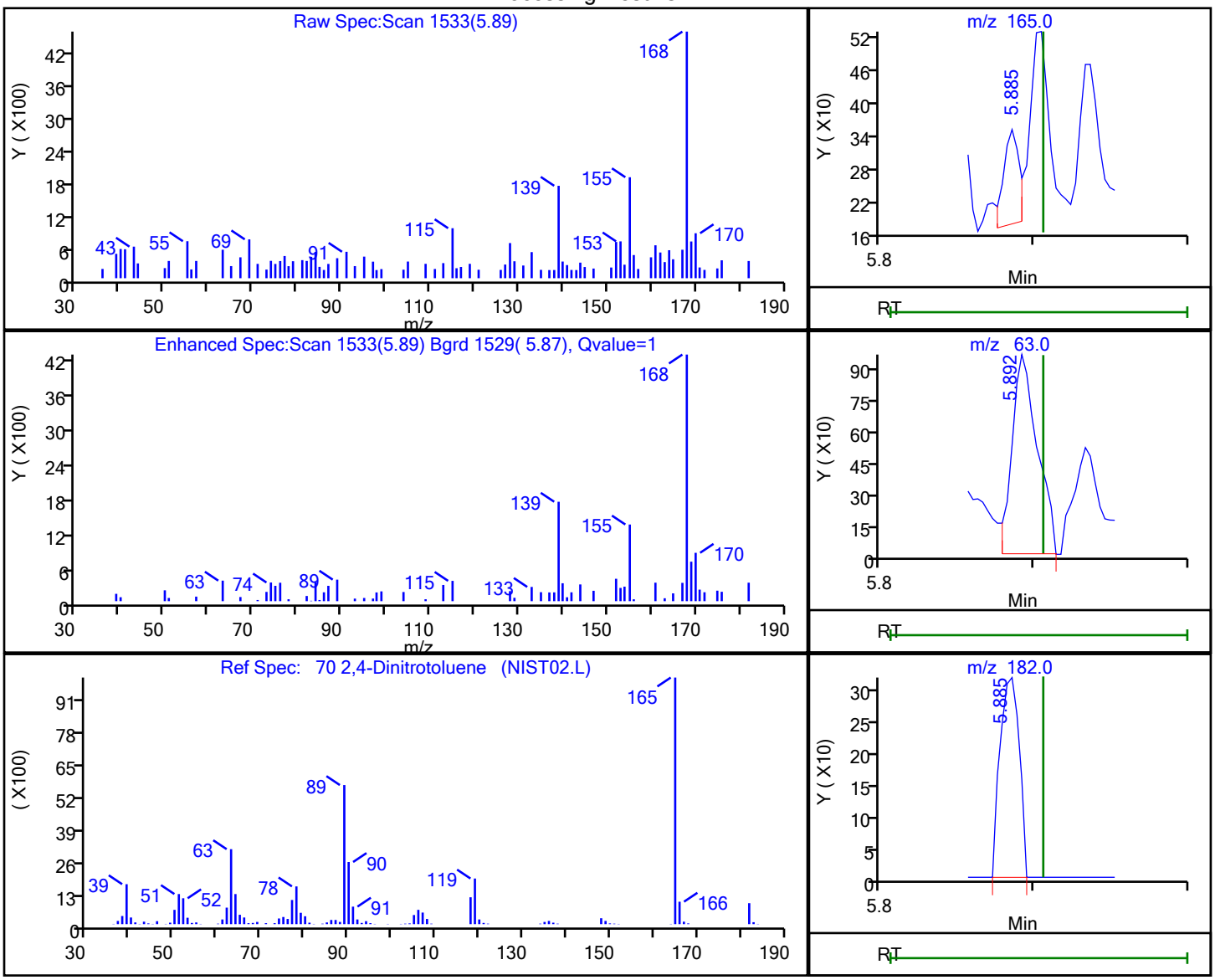
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 70 2,4-Dinitrotoluene, CAS: 121-14-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 165.00 | 124 | 0.041299 |
| 5.89 | 63.00 | 1111 | |
| 5.89 | 182.00 | 277 | |

Reviewer: G4KC, 09-Feb-2025 13:27:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

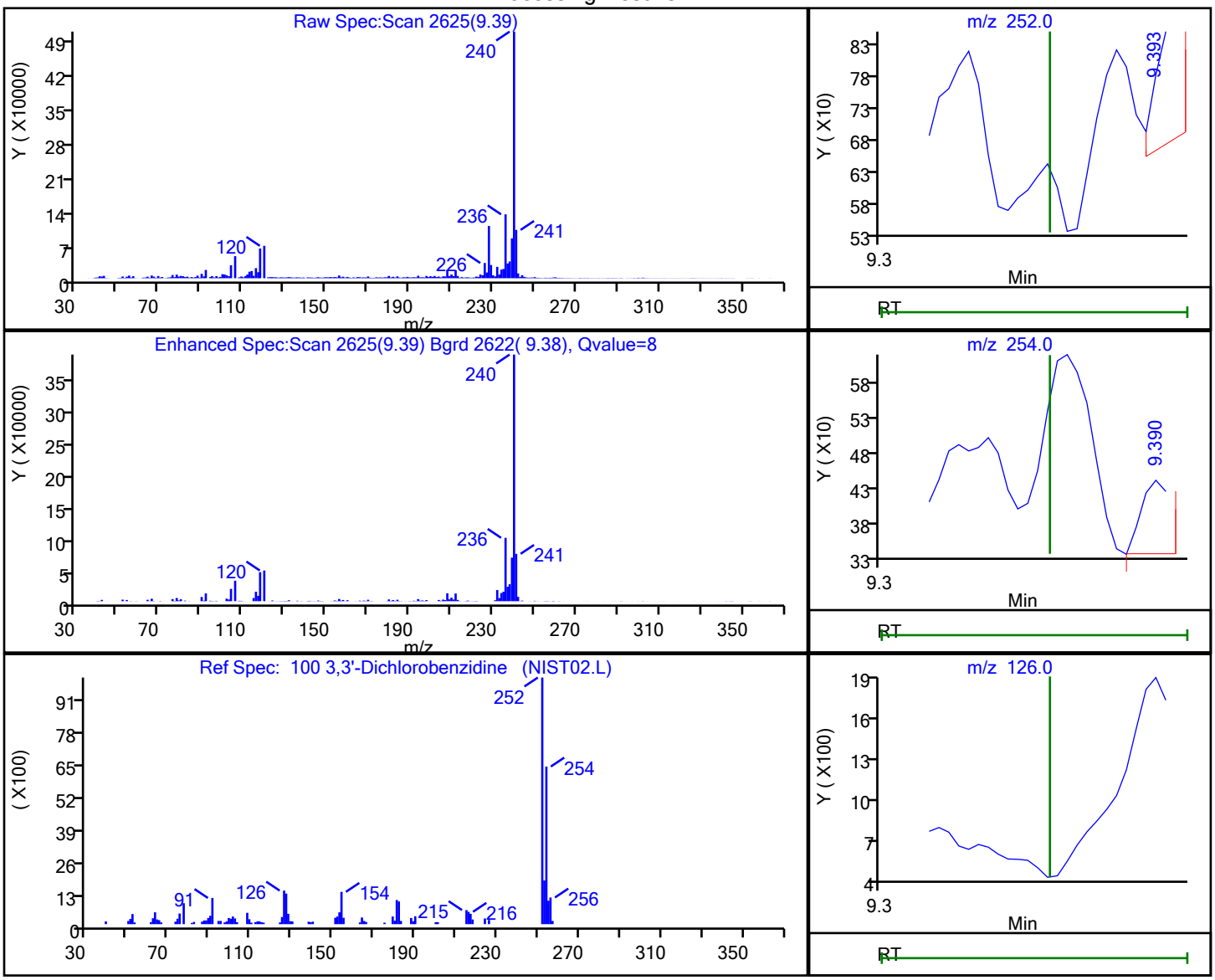
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.39 | 252.00 | 90 | 0.013635 |
| 9.39 | 254.00 | 77 | |
| 9.39 | 126.00 | 1945 | |

Reviewer: G4KC, 09-Feb-2025 13:26:40 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

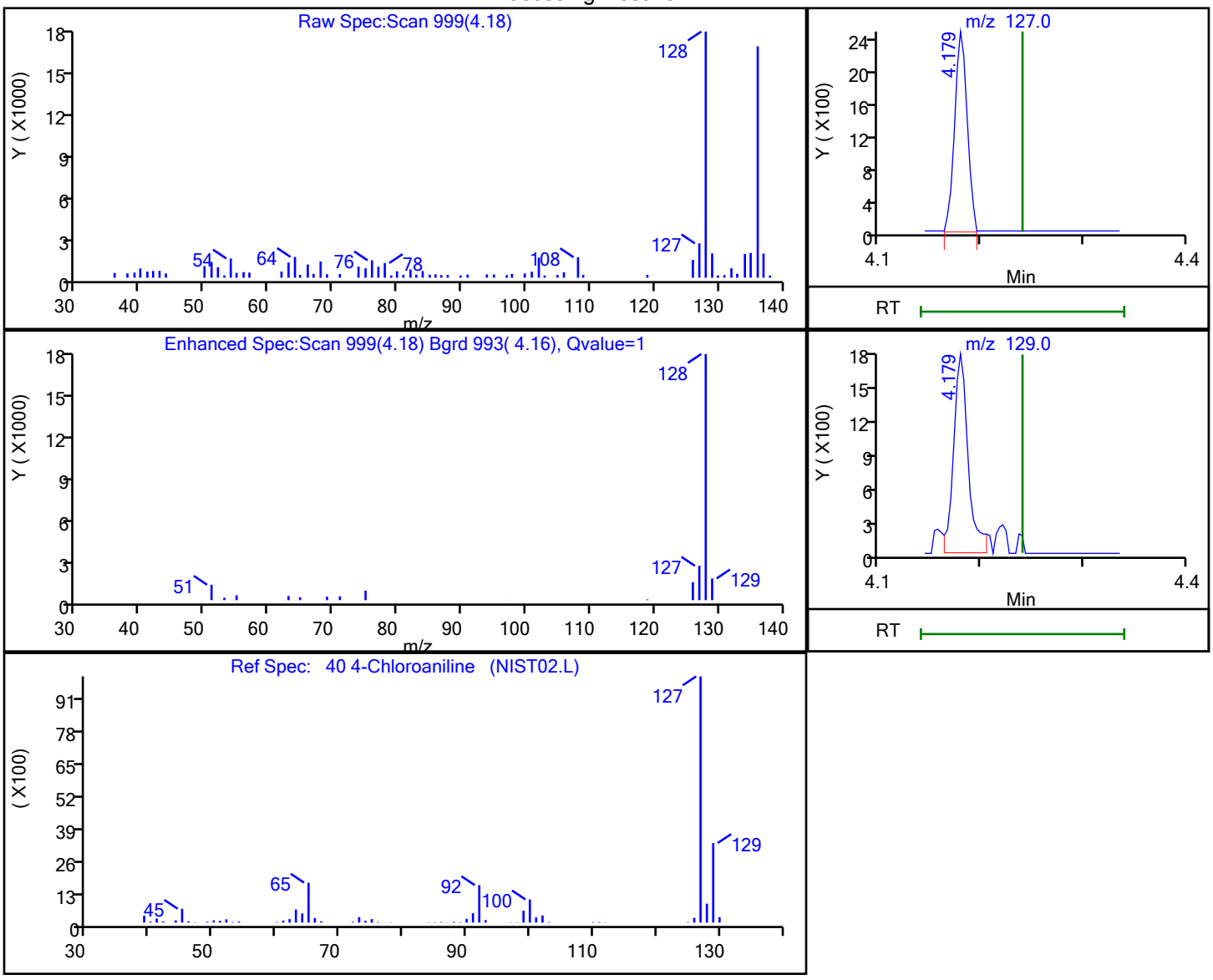
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 40 4-Chloroaniline, CAS: 106-47-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.18 | 127.00 | 2104 | 0.368163 |
| 4.18 | 129.00 | 1753 | |

Reviewer: G4KC, 09-Feb-2025 13:27:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

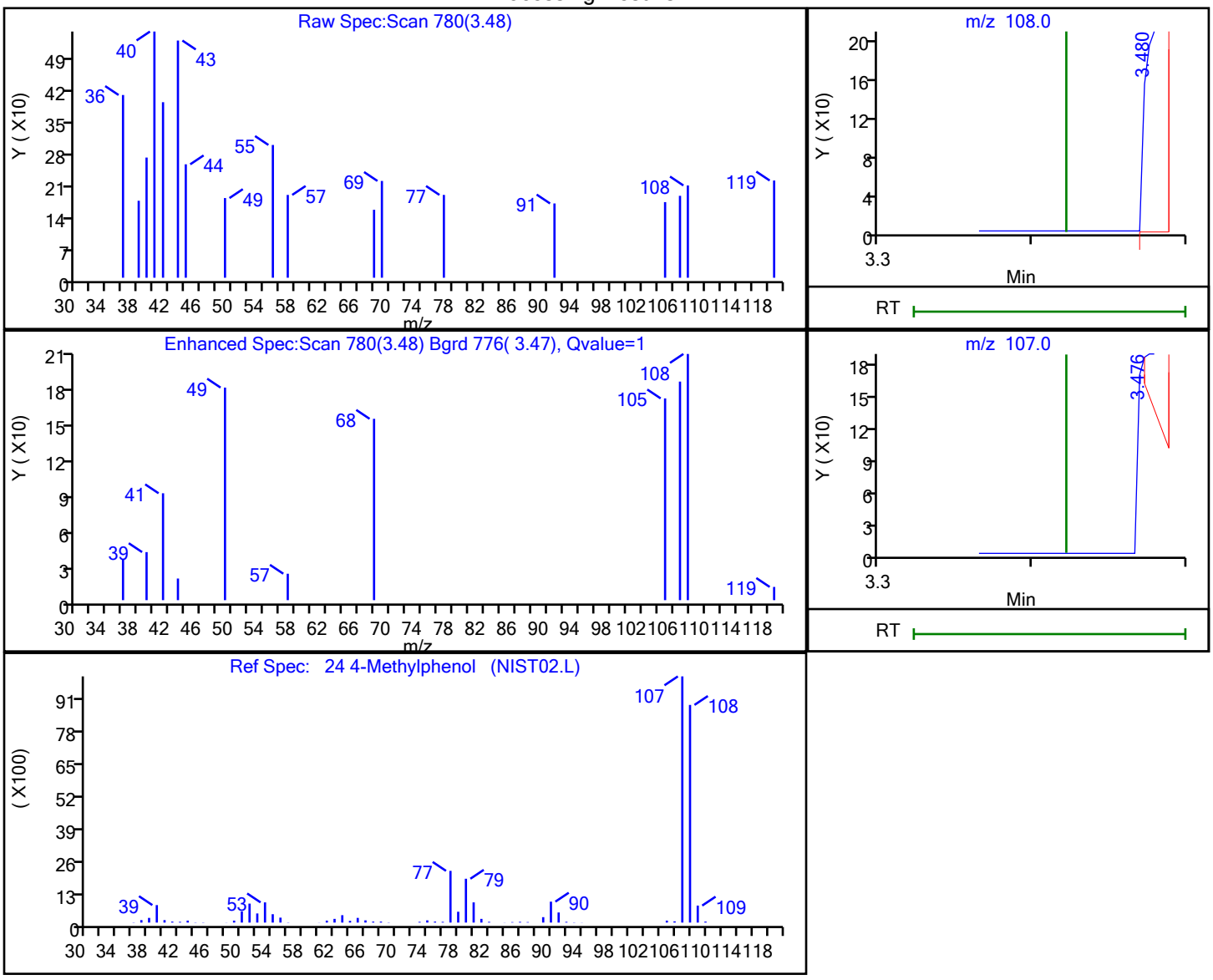
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 24 4-Methylphenol, CAS: 106-44-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.48 | 108.00 | 171 | 0.035705 |
| 3.48 | 107.00 | 53 | |

Reviewer: G4KC, 09-Feb-2025 13:27:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

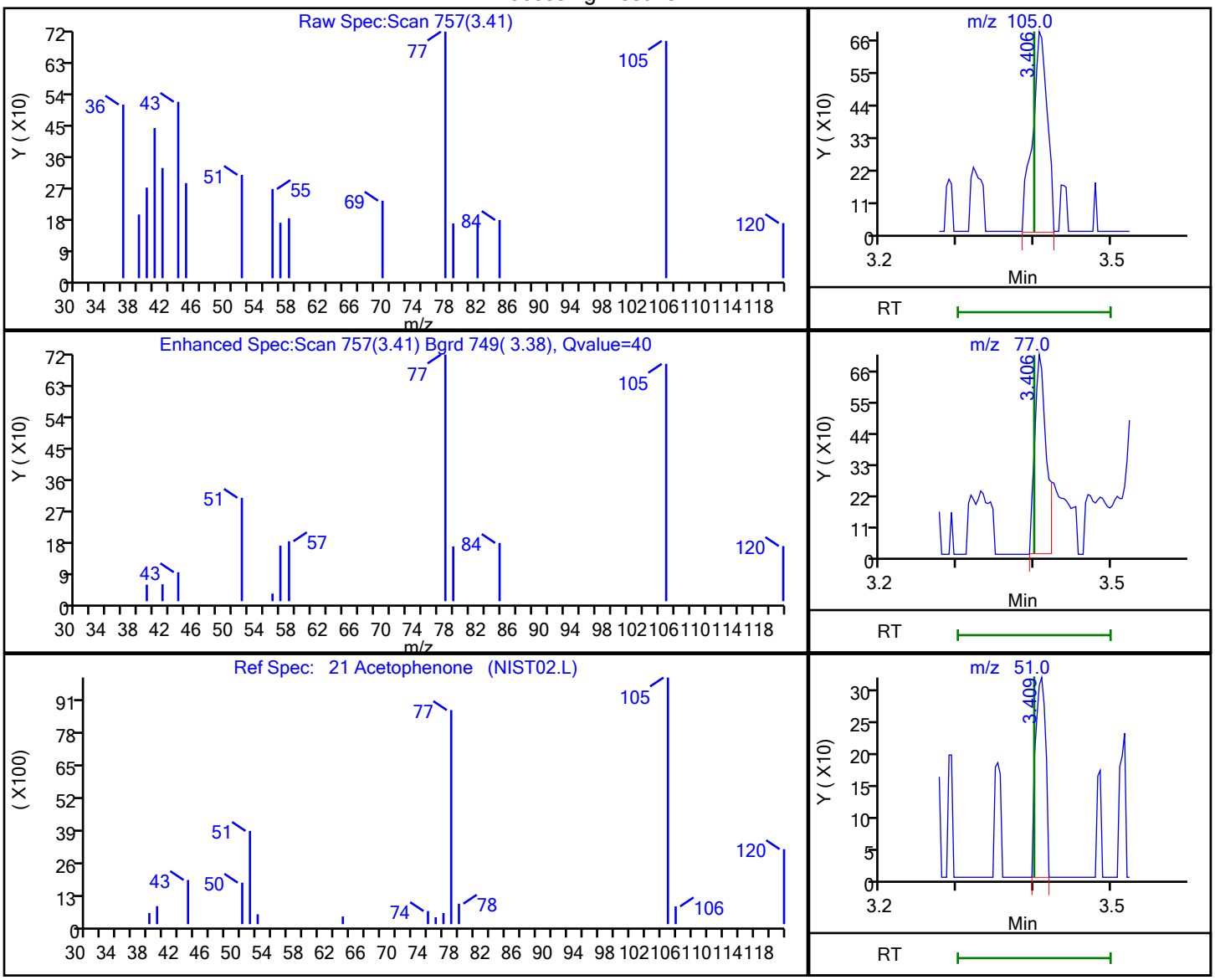
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 21 Acetophenone, CAS: 98-86-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.41 | 105.00 | 919 | 0.128389 |
| 3.41 | 77.00 | 752 | |
| 3.41 | 51.00 | 288 | |
| 3.41 | 120.00 | 108 | |

Reviewer: G4KC, 09-Feb-2025 13:27:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

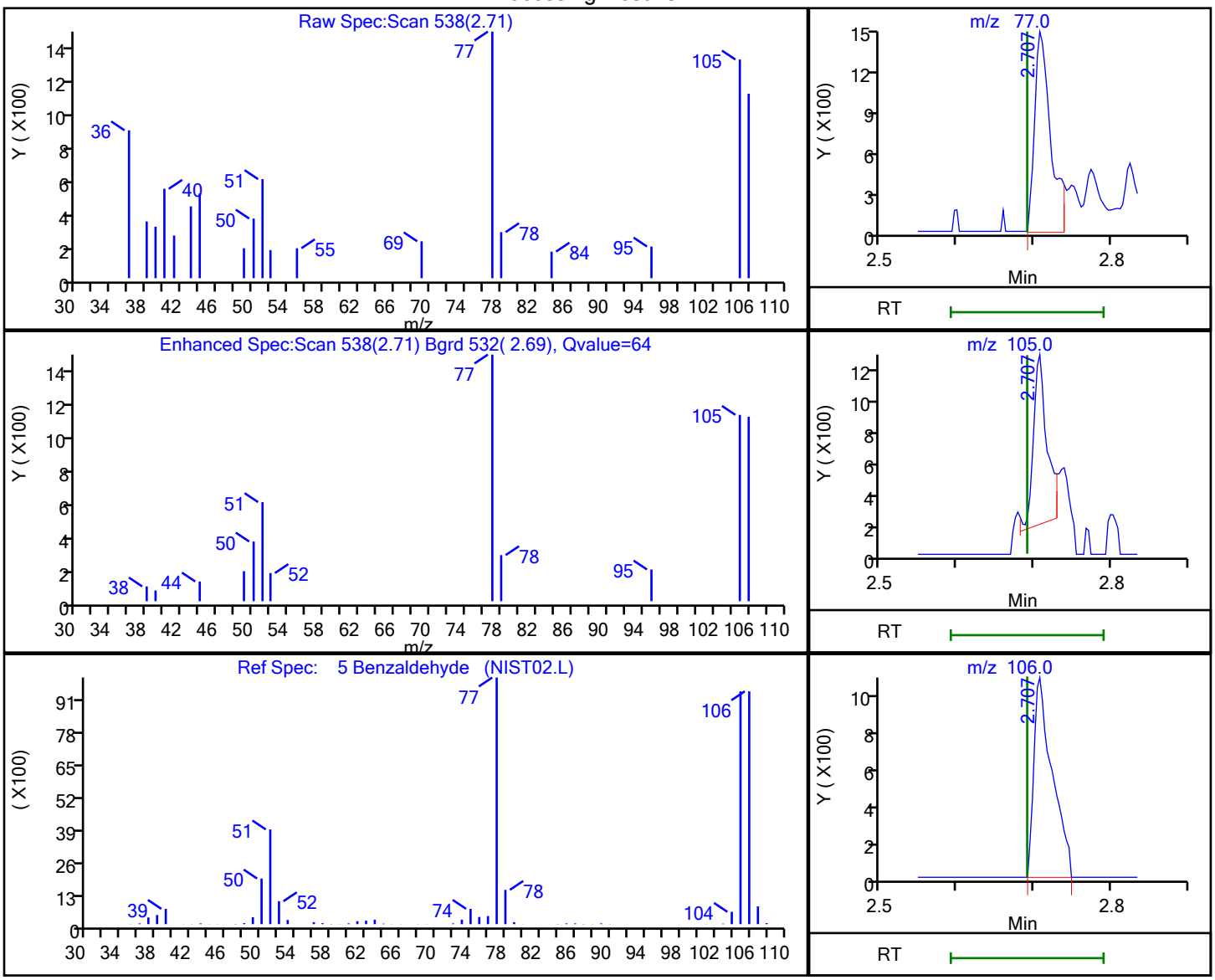
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 5 Benzaldehyde, CAS: 100-52-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.71 | 77.00 | 2118 | 0.495885 |
| 2.71 | 105.00 | 1358 | |
| 2.71 | 106.00 | 1818 | |

Reviewer: G4KC, 09-Feb-2025 13:27:13 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

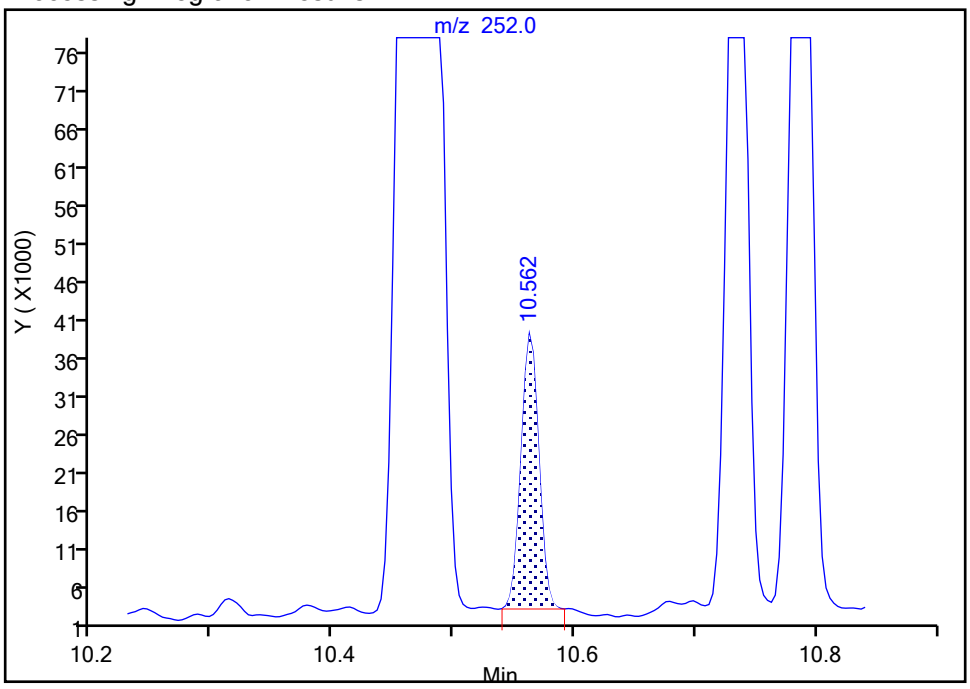
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

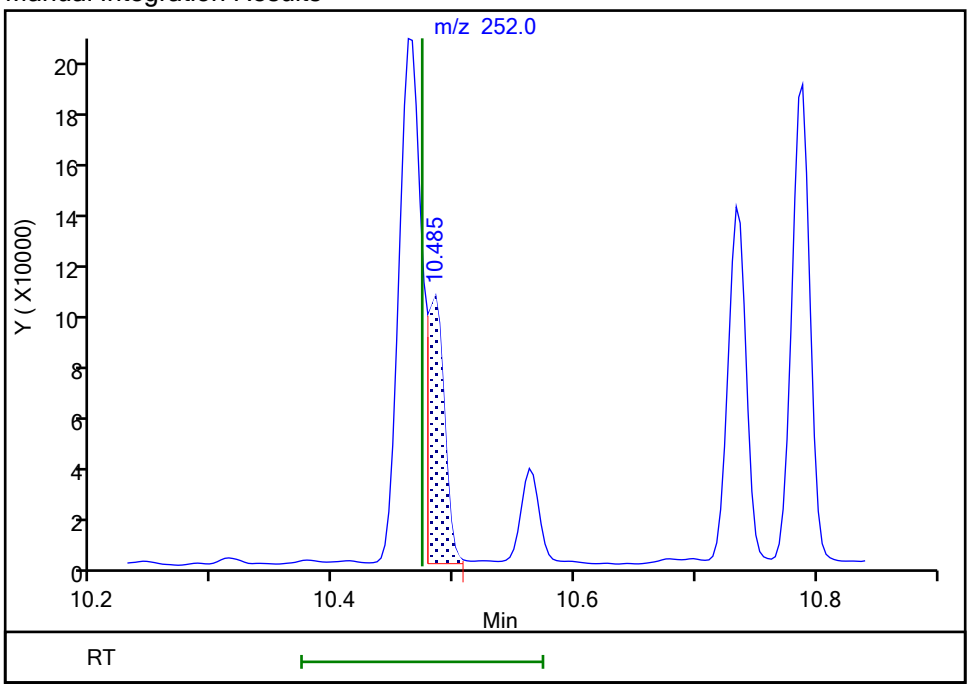
Processing Integration Results

RT: 10.56
Area: 36756
Amount: 2.058121
Amount Units: ug/ml




Manual Integration Results

RT: 10.48
Area: 102135
Amount: 5.718962
Amount Units: ug/ml




Reviewer: U6BX, 09-Feb-2025 12:52:46 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison

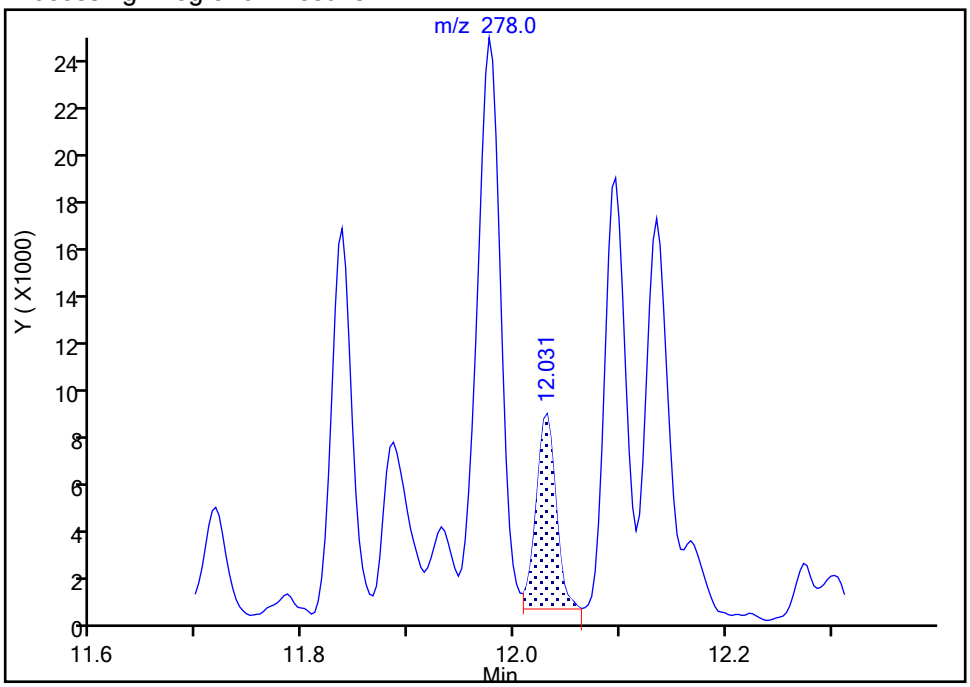
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

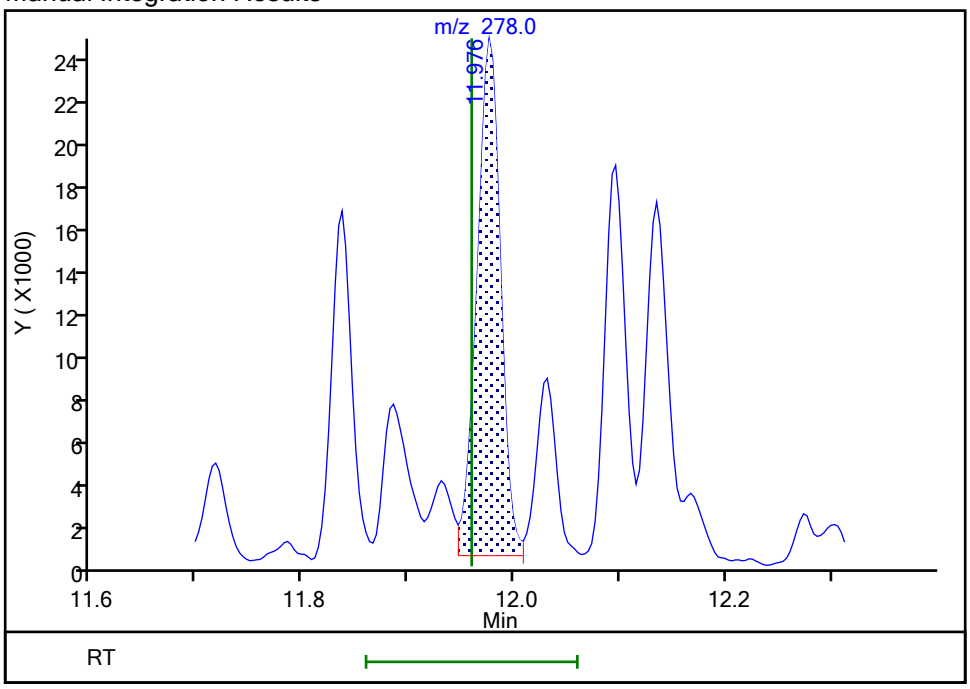
Processing Integration Results

RT: 12.03
Area: 10302
Amount: 0.613614
Amount Units: ug/ml




Manual Integration Results

RT: 11.98
Area: 35997
Amount: 2.144075
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:26:49 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

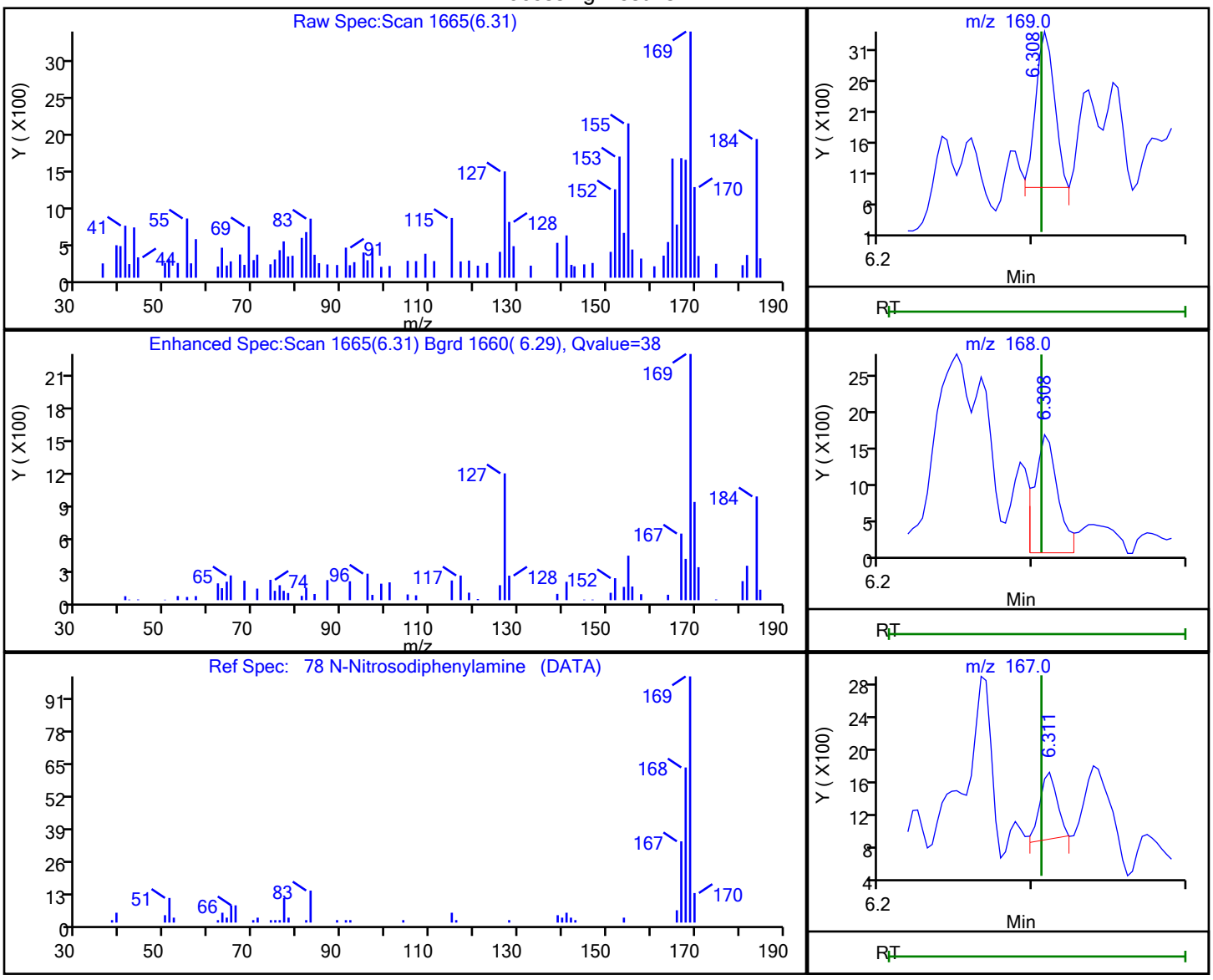
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62096.d | | | | |
| Injection Date: | 08-Feb-2025 21:52:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-2-C | Lab Sample ID: | 460-319954-2 | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.31 | 169.00 | 2149 | 0.298449 |
| 6.31 | 168.00 | 1744 | |
| 6.31 | 167.00 | 637 | |

Reviewer: G4KC, 09-Feb-2025 13:26:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: X62087.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:10

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 18:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.33 | U | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.33 | U | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 0.33 | U | 0.33 | 0.0095 |
| 208-96-8 | Acenaphthylene | 0.33 | U | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: X62087.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:10

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 18:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.019 | J | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.020 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 0.088 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 0.089 | | 0.033 | 0.0088 |
| 205-99-2 | Benzo[b]fluoranthene | 0.11 | | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 0.065 | J | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 0.044 | | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.018 |
| 85-68-7 | Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.052 |
| 86-74-8 | Carbazole | 0.33 | U | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 0.090 | J | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.017 | J | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 0.33 | U | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 |
| 84-74-2 | Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.013 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 0.17 | J | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.33 | U | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0071 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 0.045 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 0.33 | U | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: X62087.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:10

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 18:59

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 0.096 | J | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 0.16 | J | 0.33 | 0.0083 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 71 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 69 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 67 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 66 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 67 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 71 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d
Lims ID: 460-319954-E-3-C
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 18:59:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-016
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:18:46 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:40:32

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.068 | 2.055 | 0.013 | 96 | 183234 | 33.6 | |
| $ 6 Phenol-d5 | 99 | 2.770 | 2.767 | 0.003 | 99 | 237400 | 33.4 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.047 | 3.042 | 0.005 | 95 | 176708 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.529 | 3.527 | 0.002 | 85 | 210204 | 33.1 | |
| * 38 Naphthalene-d8 | 136 | 4.161 | 4.157 | 0.004 | 99 | 661999 | 40.0 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.128 | 5.122 | 0.006 | 97 | 445991 | 34.3 | |
| 61 Acenaphthylene | 152 | 5.593 | 5.583 | 0.014 | 44 | 1497 | 0.0963 | |
| * 65 Acenaphthene-d10 | 164 | 5.708 | 5.704 | 0.004 | 96 | 345858 | 40.0 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.407 | 6.402 | 0.005 | 88 | 98920 | 35.3 | |
| * 88 Phenanthrene-d10 | 188 | 7.010 | 7.006 | 0.004 | 99 | 633026 | 40.0 | |
| 89 Phenanthrene | 178 | 7.030 | 7.029 | 0.001 | 90 | 22523 | 1.43 | |
| 90 Anthracene | 178 | 7.084 | 7.073 | 0.011 | 66 | 4658 | 0.2864 | |
| 93 Fluoranthene | 202 | 8.080 | 8.075 | 0.010 | 97 | 45673 | 2.56 | |
| 95 Pyrene | 202 | 8.278 | 8.274 | 0.010 | 95 | 44312 | 2.44 | |
| $ 96 Terphenyl-d14 | 244 | 8.428 | 8.416 | 0.012 | 98 | 581855 | 35.5 | |
| 101 Benzo[a]anthracene | 228 | 9.376 | 9.368 | 0.008 | 51 | 23812 | 1.32 | |
| * 102 Chrysene-d12 | 240 | 9.386 | 9.378 | 0.008 | 99 | 551304 | 40.0 | |
| 103 Chrysene | 228 | 9.408 | 9.408 | 0.005 | 78 | 23454 | 1.34 | |
| 106 Benzo[b]fluoranthene | 252 | 10.456 | 10.458 | 0.011 | 93 | 27648 | 1.62 | |
| 107 Benzo[k]fluoranthene | 252 | 10.482 | 10.487 | 0.009 | 1 | 11877 | 0.6517 | a |
| 108 Benzo[a]pyrene | 252 | 10.779 | 10.767 | 0.012 | 93 | 20651 | 1.32 | |
| * 109 Perylene-d12 | 264 | 10.837 | 10.822 | 0.015 | 98 | 616808 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.962 | 11.959 | 0.019 | 97 | 13920 | 0.6724 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.975 | 11.985 | 0.016 | 33 | 4330 | 0.2527 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.272 | 12.266 | 0.022 | 80 | 15134 | 0.9711 | |

## QC Flag Legend
Processing Flags

Review Flags
a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

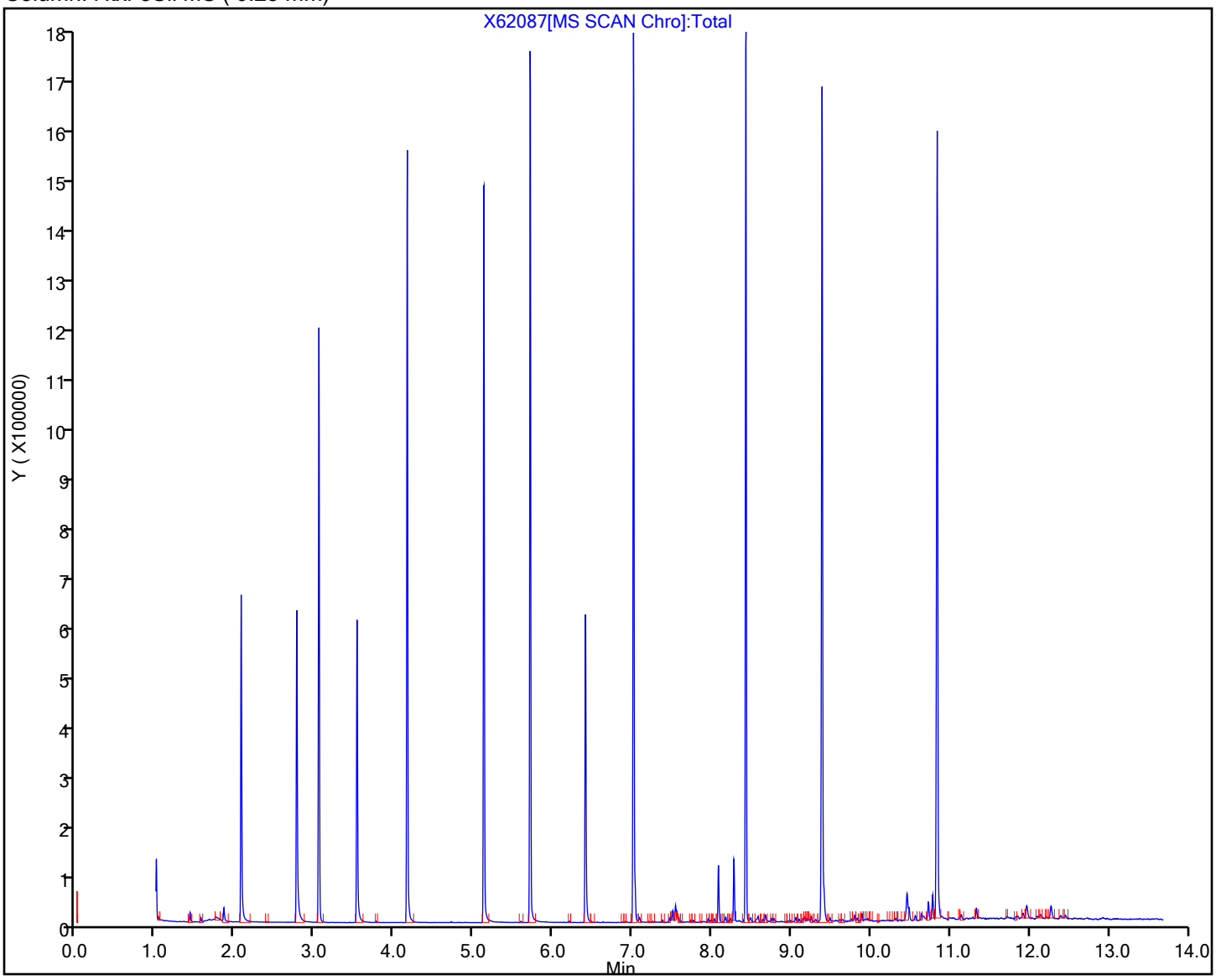
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d
Lims ID: 460-319954-E-3-C
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 18:59:30 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-016
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:18:46 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:40:32

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 33.6 | 67.16 |
| $ 6 Phenol-d5 | 50.0 | 33.4 | 66.88 |
| $ 26 Nitrobenzene-d5 | 50.0 | 33.1 | 66.14 |
| $ 51 2-Fluorobiphenyl | 50.0 | 34.3 | 68.68 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 35.3 | 70.65 |
| $ 96 Terphenyl-d14 | 50.0 | 35.5 | 71.03 |

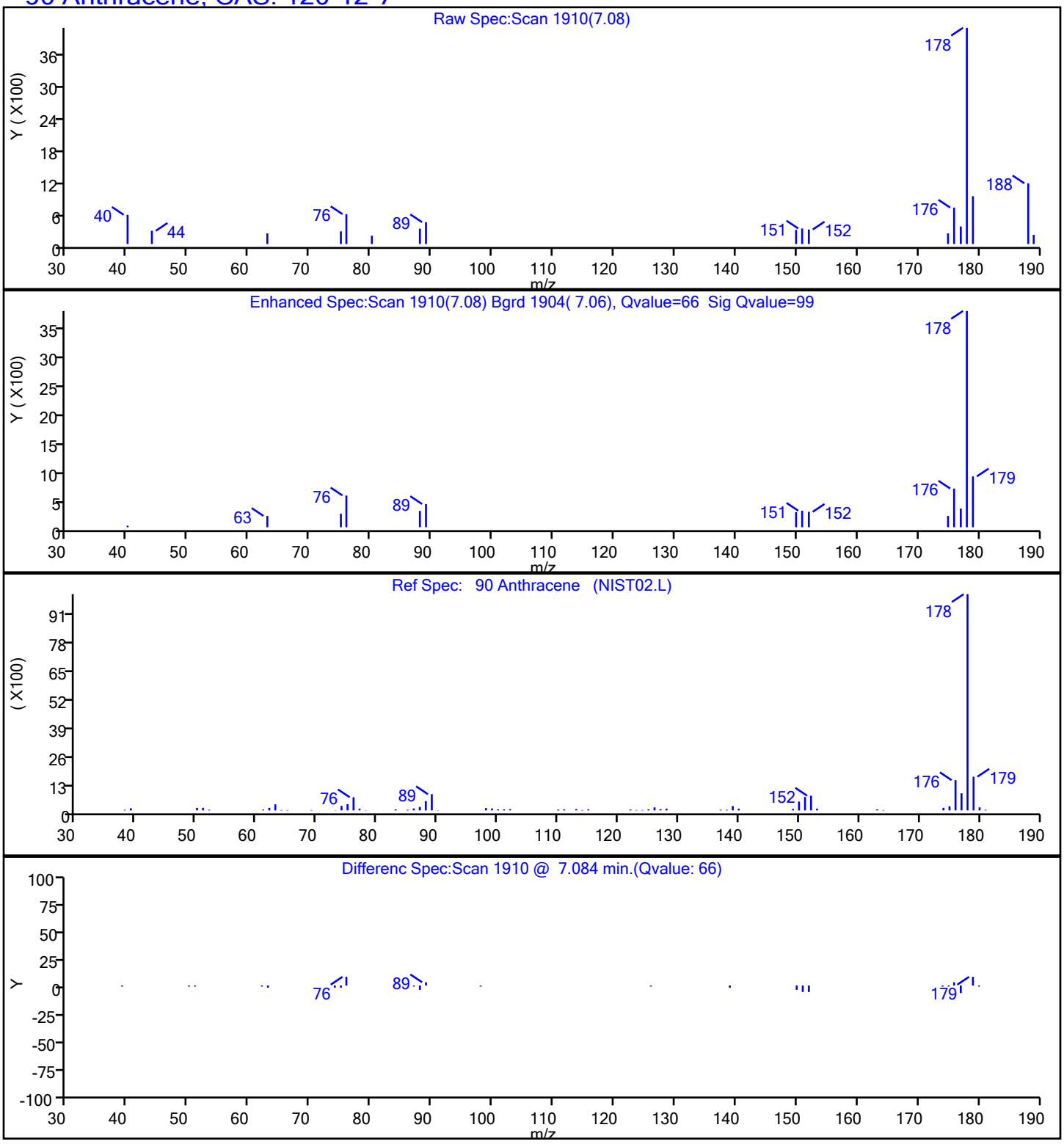
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7






2/14/2025
12:32:58 PM

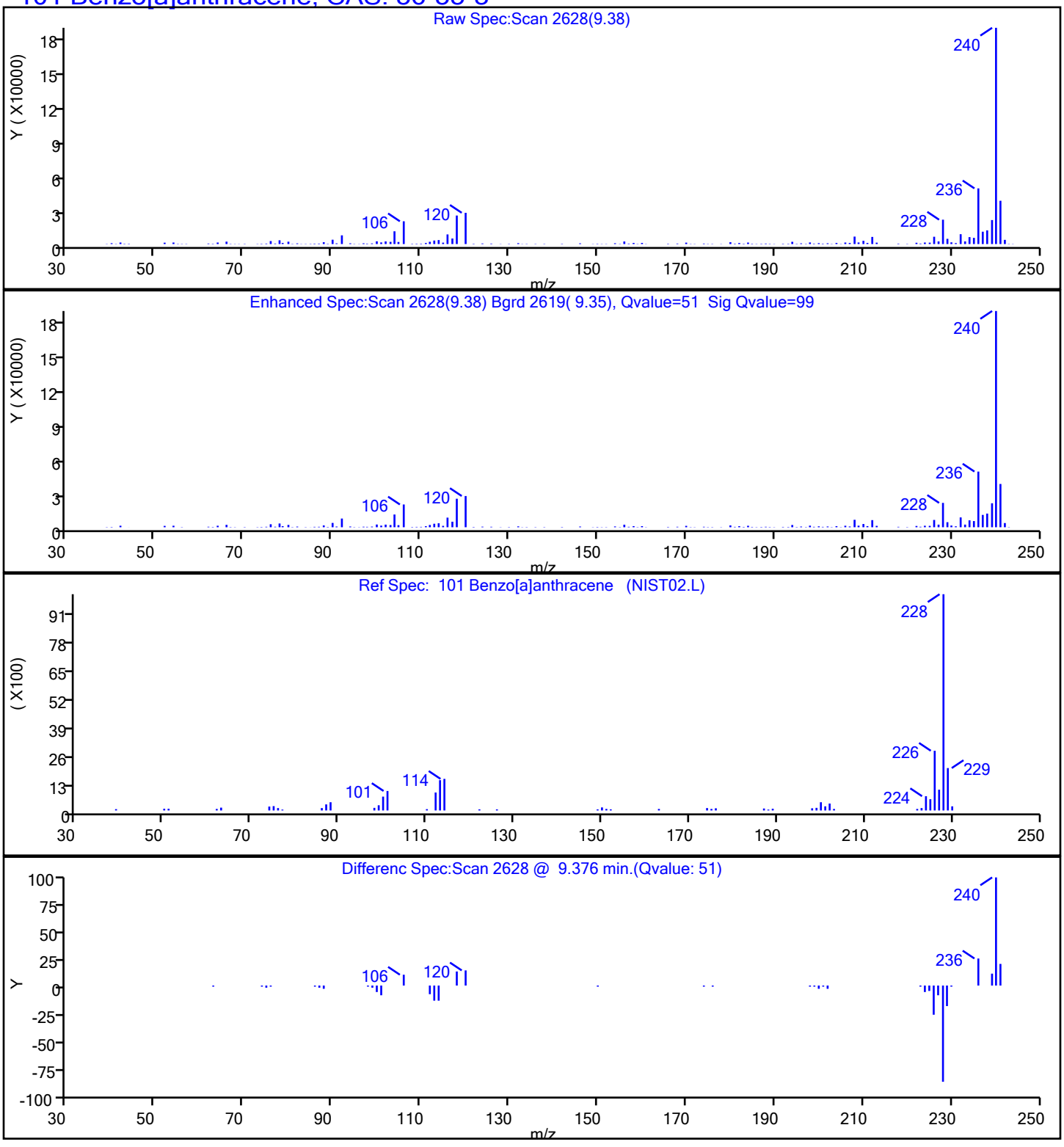
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

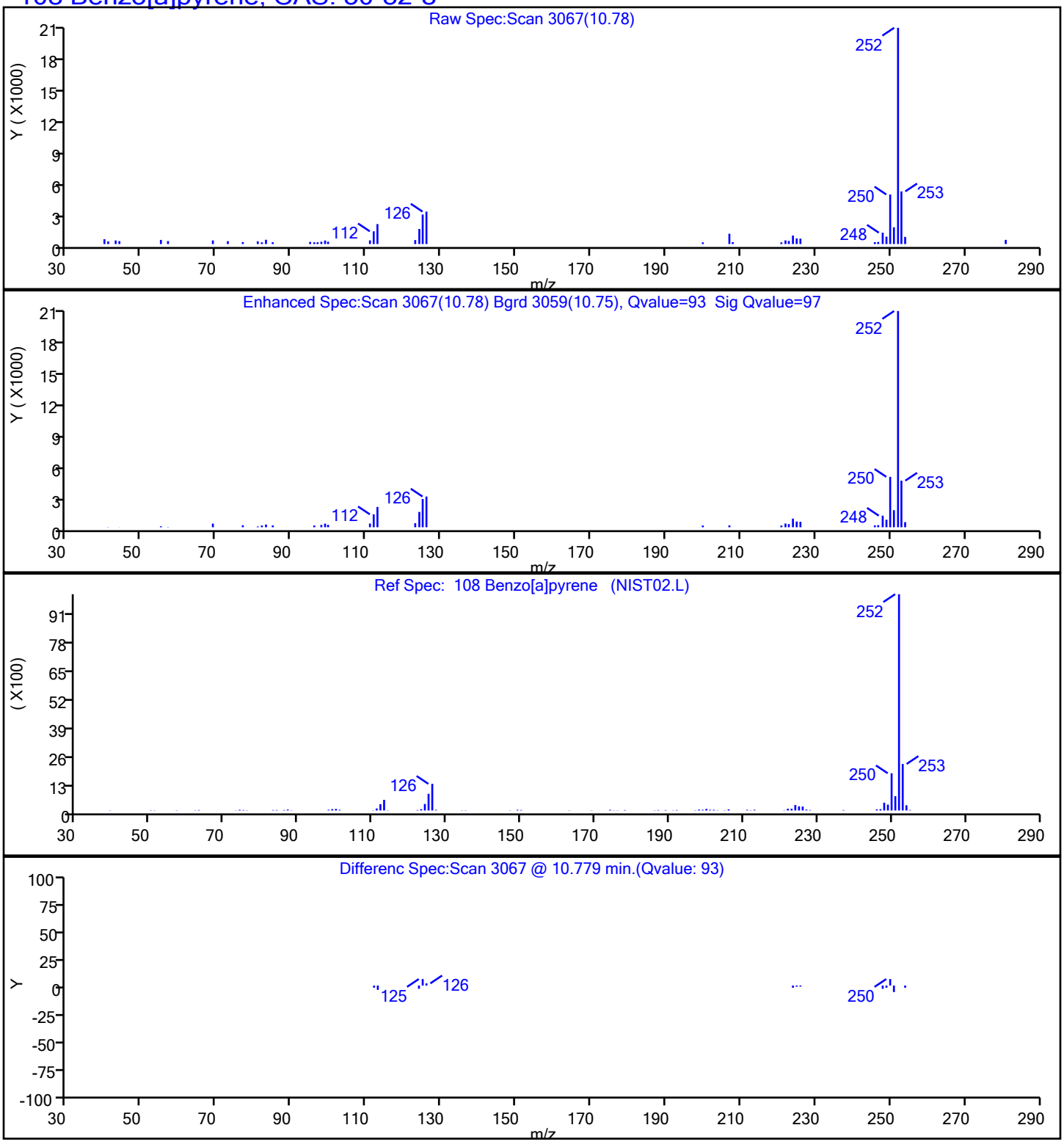
## 101 Benzo[a]anthracene, CAS: 56-55-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d
Injection Date: 08-Feb-2025 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-3-C Lab Sample ID: 460-319954-3
Client ID: RX-20-01_0-2
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

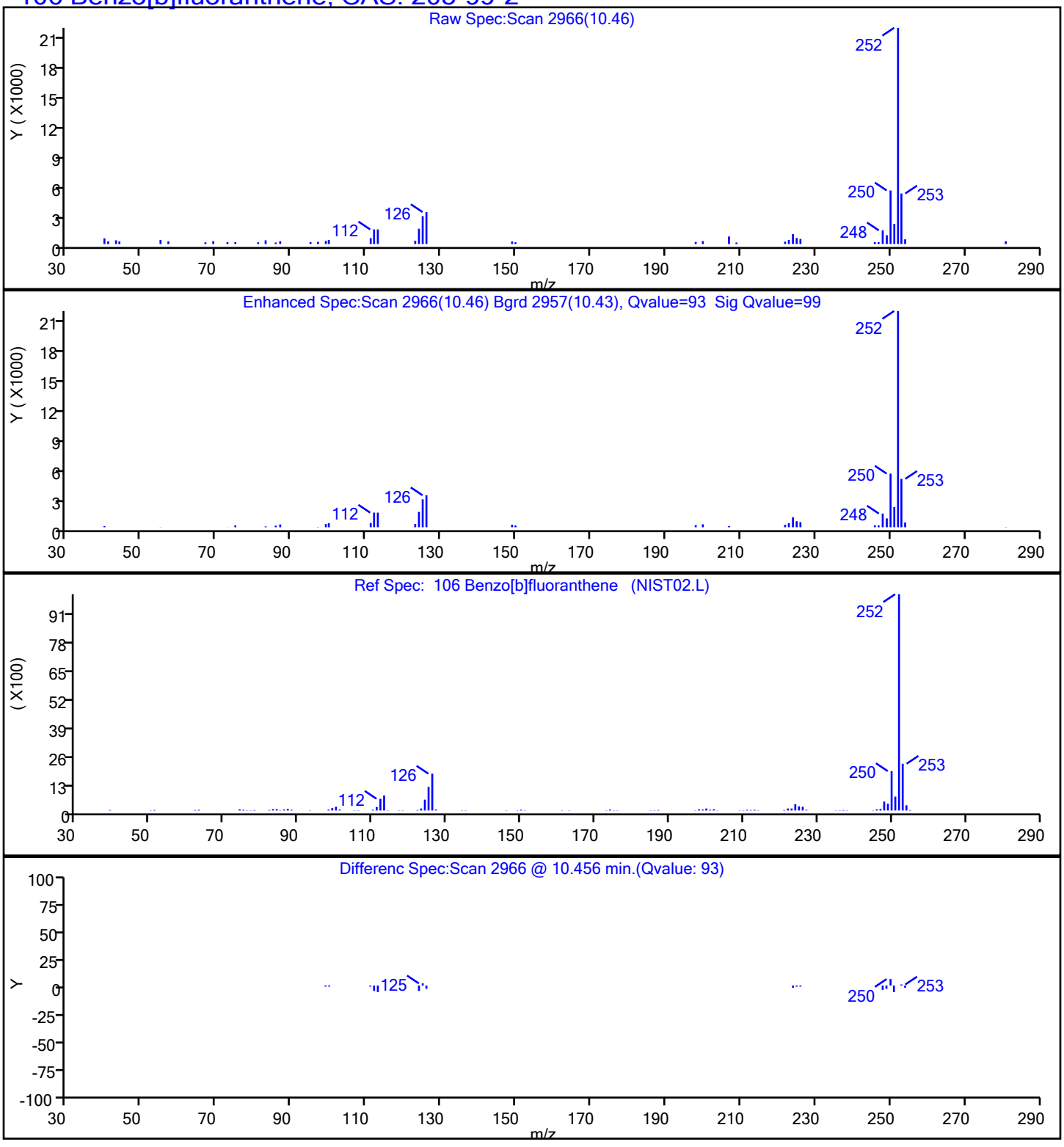
## 108 Benzo[a]pyrene, CAS: 50-32-8



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d
Injection Date: 08-Feb-2025 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-3-C Lab Sample ID: 460-319954-3
Client ID: RX-20-01_0-2
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 106 Benzo[b]fluoranthene, CAS: 205-99-2



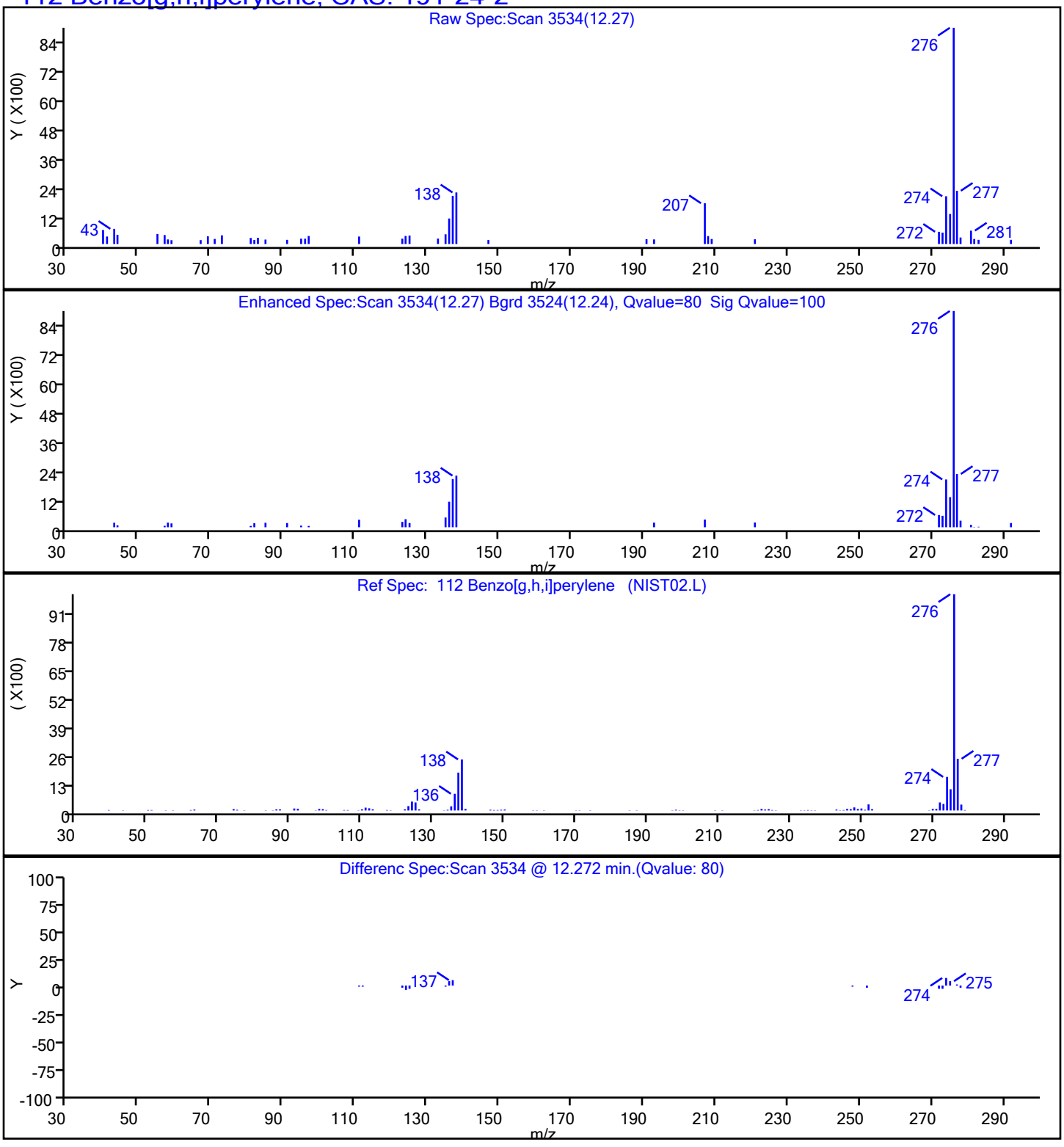
Report Date: 09-Feb-2025 13:18:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Benzo[g,h,i]perylene, CAS: 191-24-2






2/14/2025
12:32:58 PM

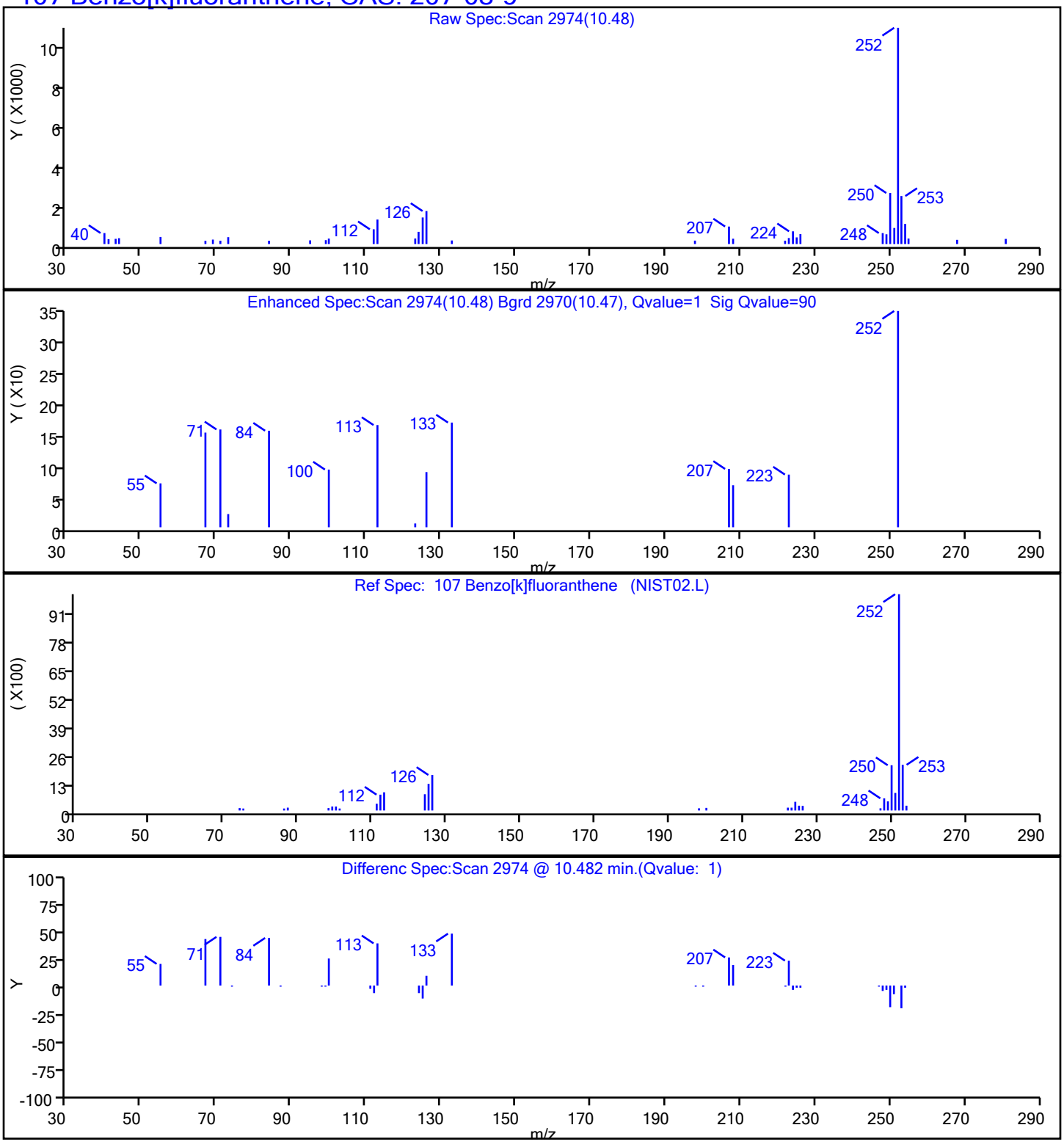
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

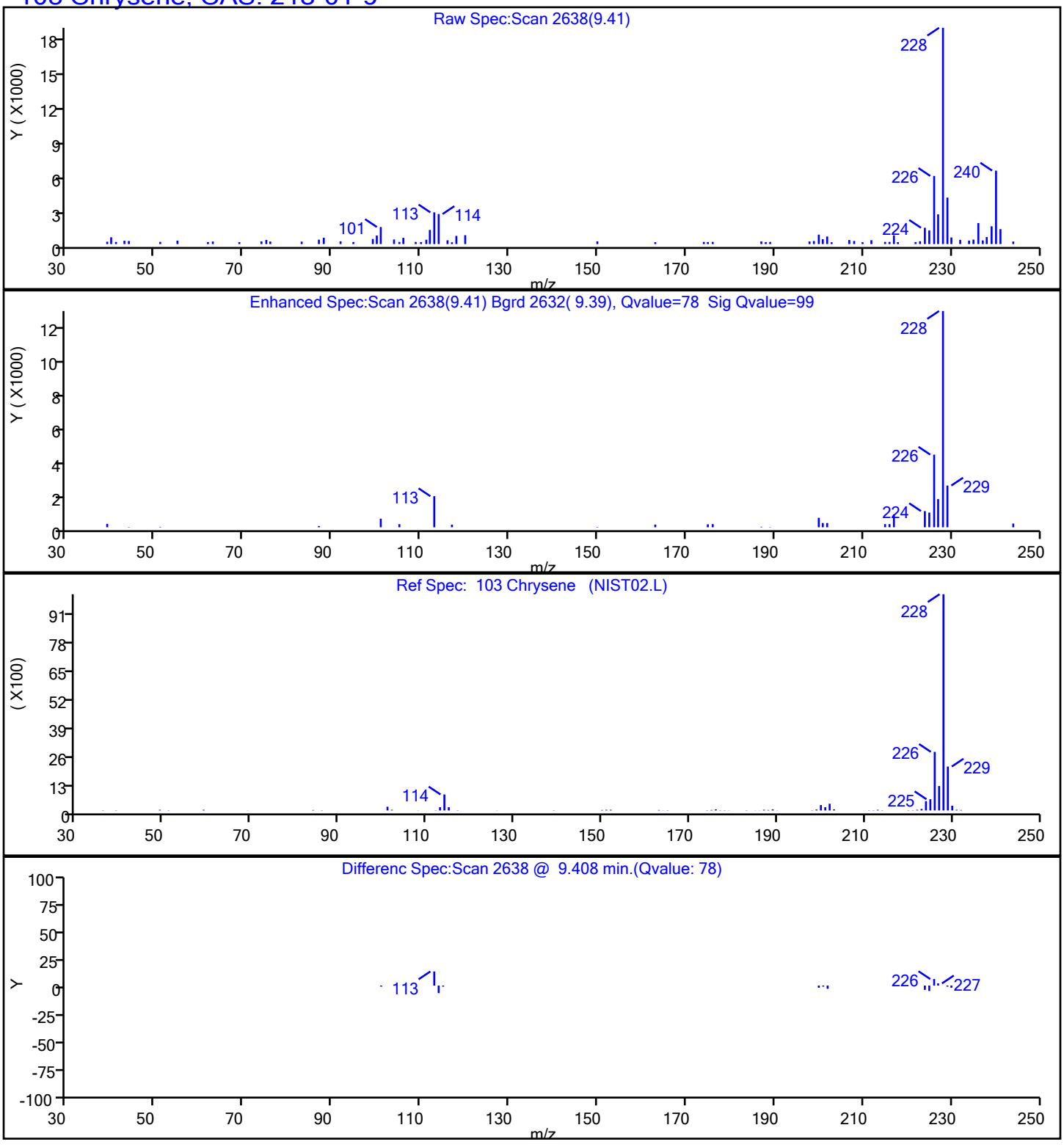
## 107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d
Injection Date: 08-Feb-2025 18:59:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-3-C Lab Sample ID: 460-319954-3
Client ID: RX-20-01_0-2
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 103 Chrysene, CAS: 218-01-9



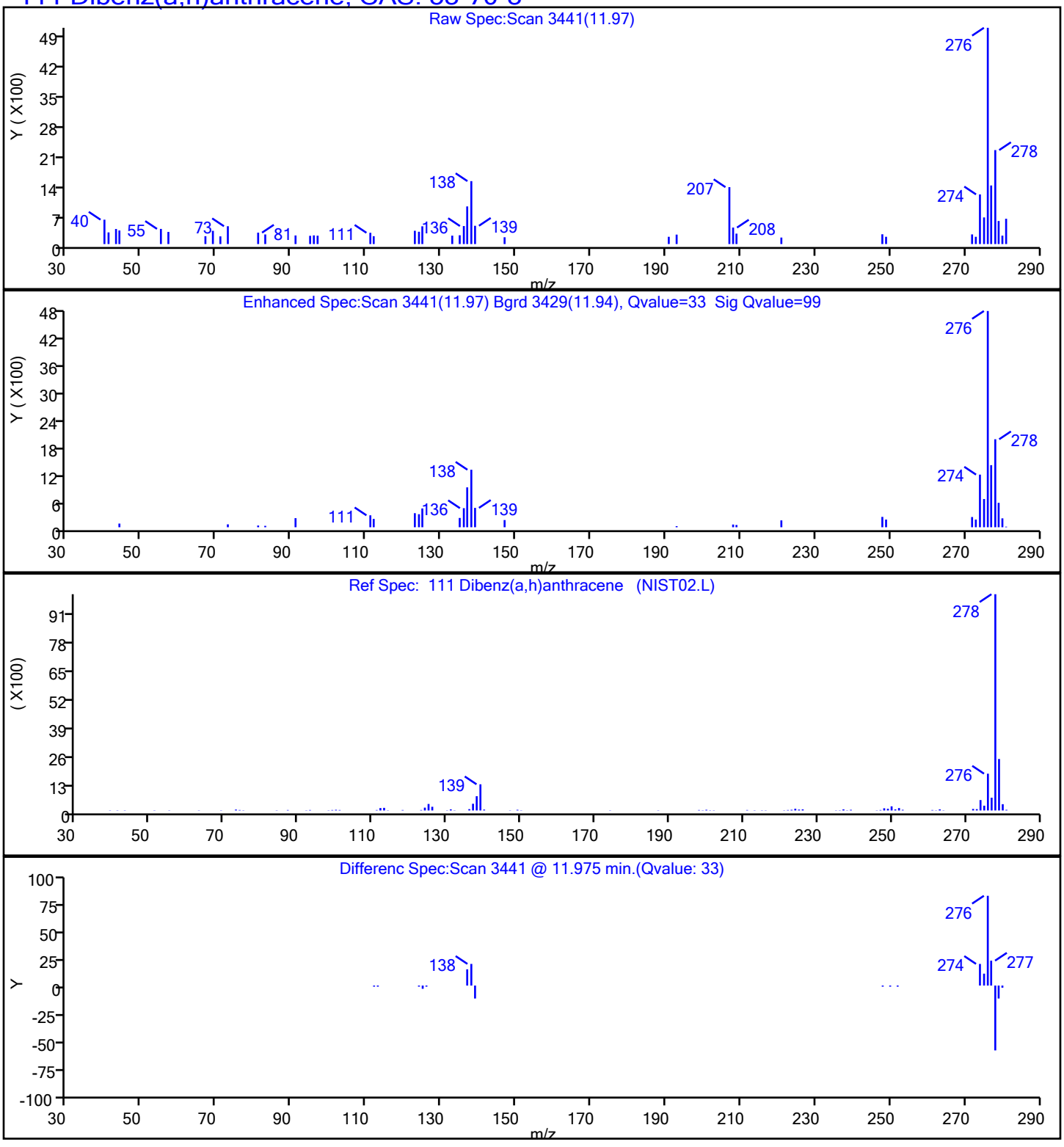
Report Date: 09-Feb-2025 13:18:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



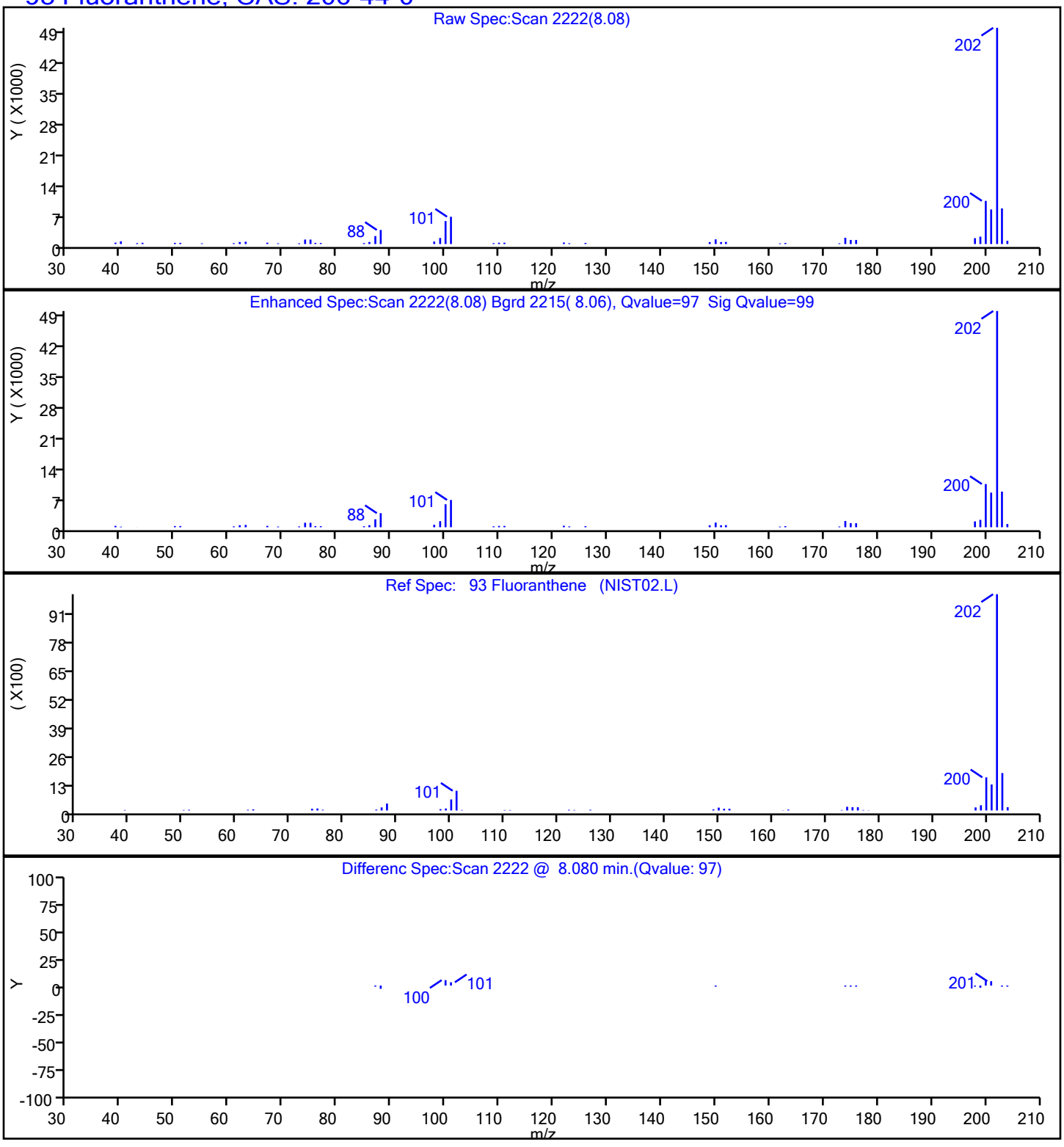
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0






2/14/2025
12:32:58 PM

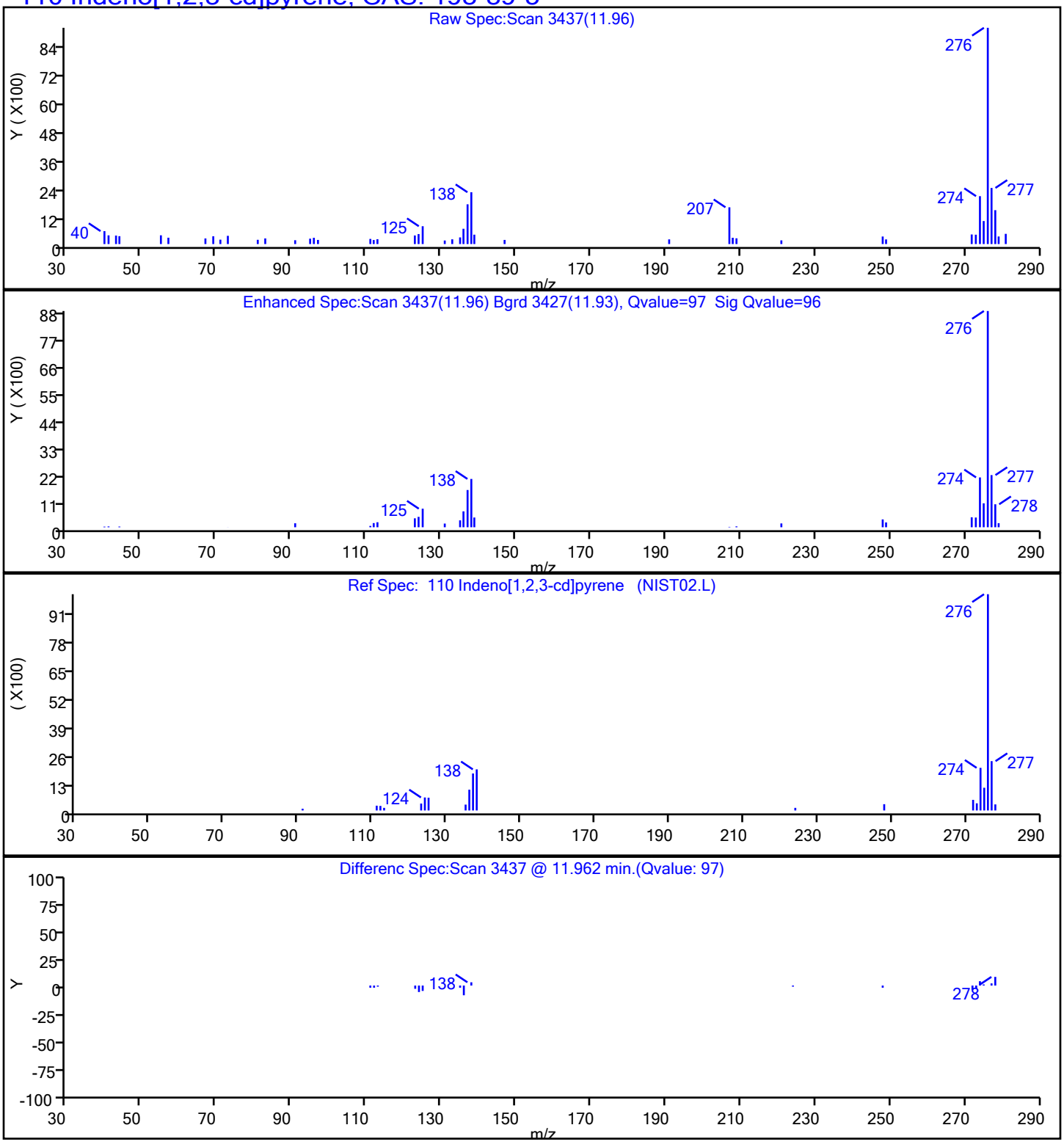
Report Date: 09-Feb-2025 13:18:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



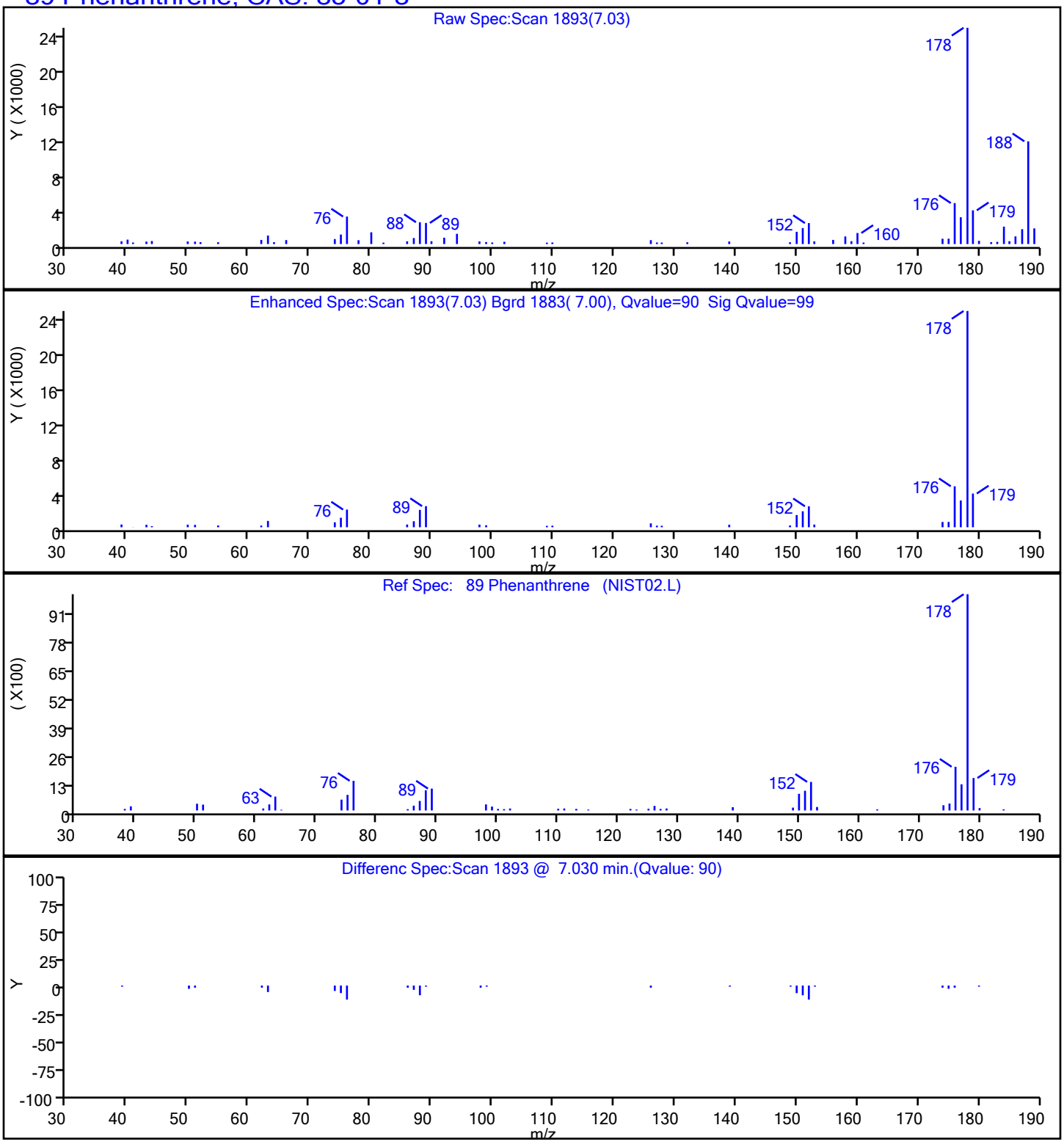
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 89 Phenanthrene, CAS: 85-01-8



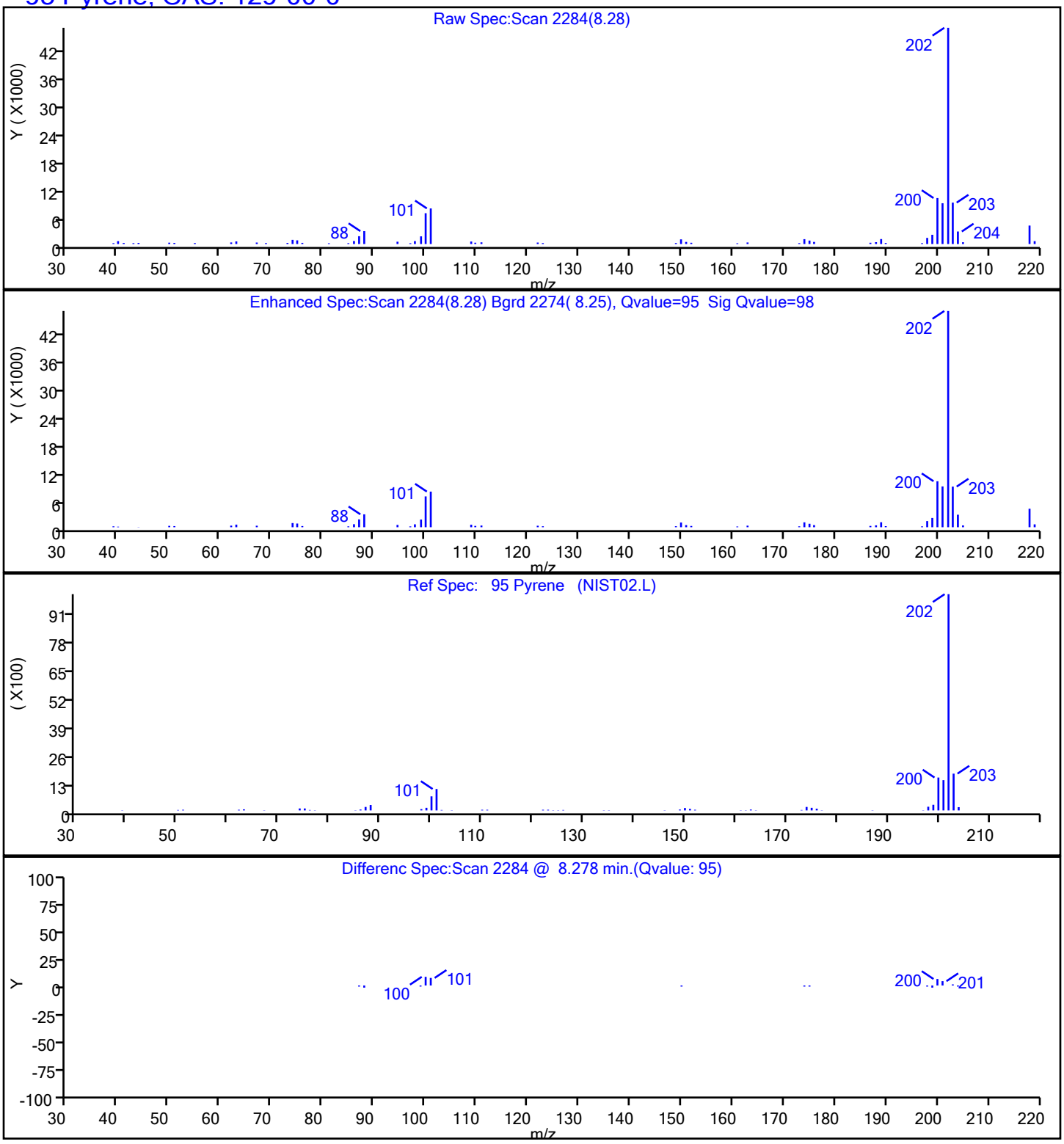
Report Date: 09-Feb-2025 13:18:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0






2/14/2025
12:32:58 PM

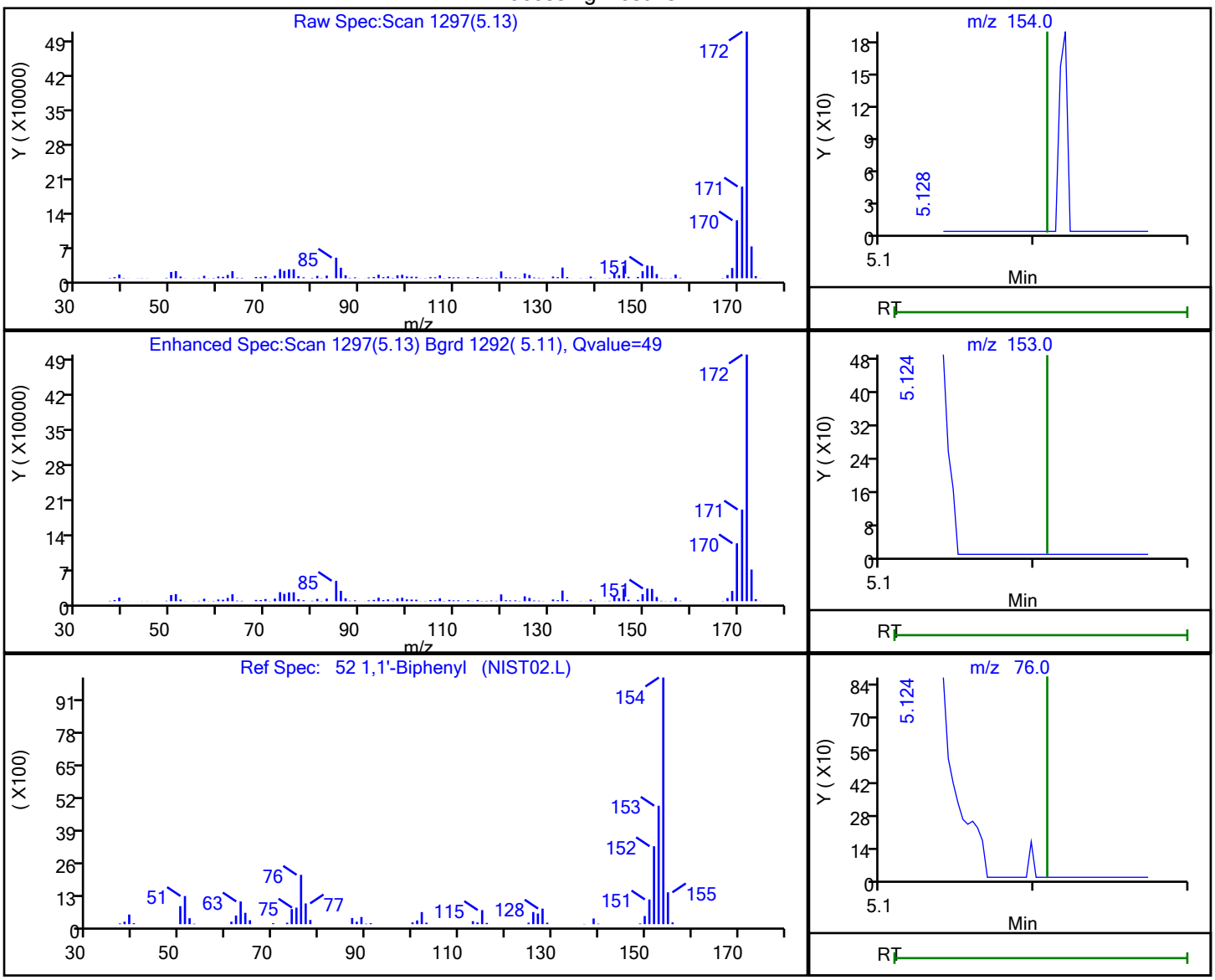
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.13 | 154.00 | 612 | 0.045772 |
| 5.12 | 153.00 | 7364 | |
| 5.12 | 76.00 | 16102 | |

Reviewer: G4KC, 09-Feb-2025 13:18:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

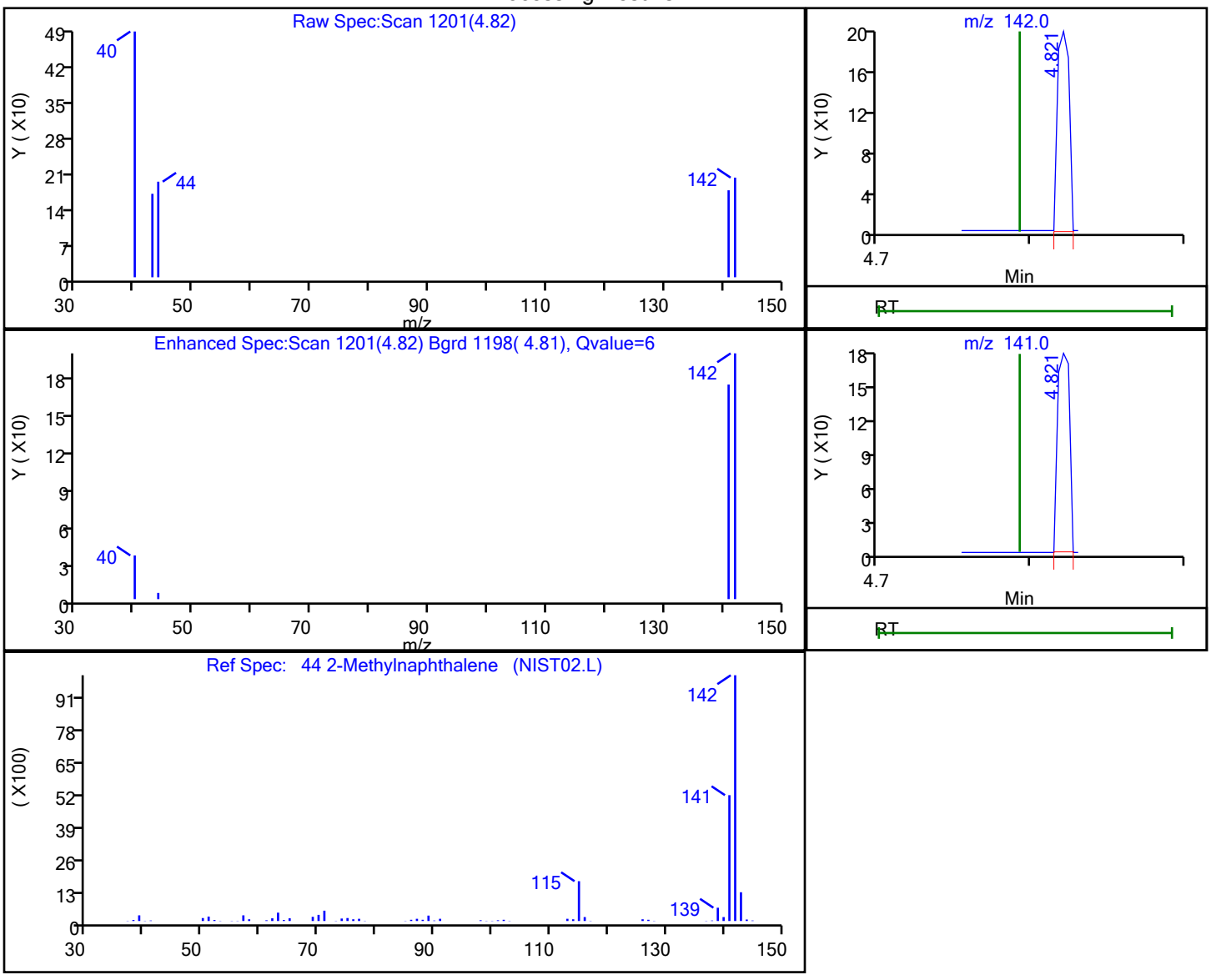
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 44 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.82 | 142.00 | 105 | 0.009399 |
| 4.82 | 141.00 | 94 | |

Reviewer: G4KC, 09-Feb-2025 13:18:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

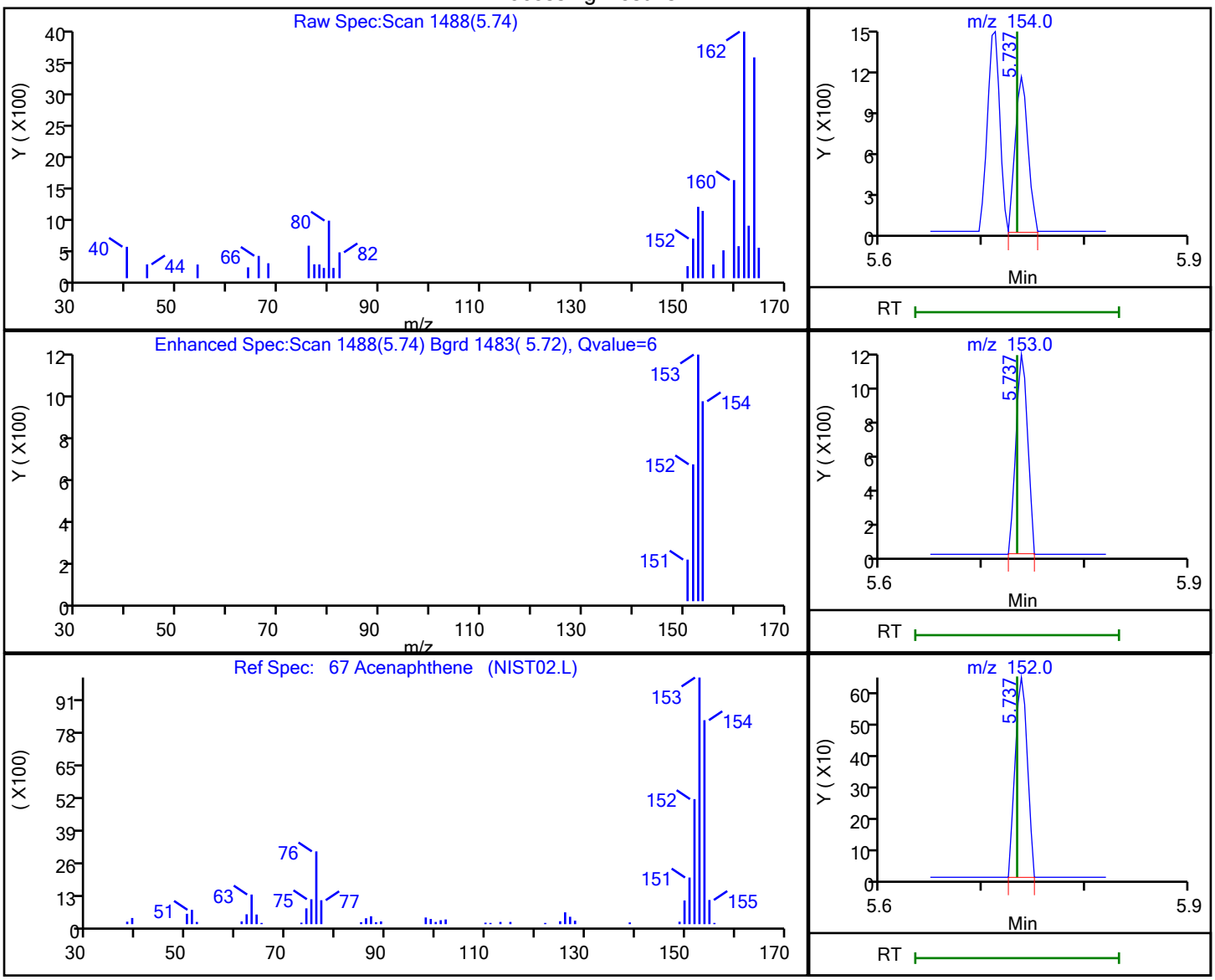
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 67 Acenaphthene, CAS: 83-32-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.74 | 154.00 | 951 | 0.100818 |
| 5.74 | 153.00 | 926 | |
| 5.74 | 152.00 | 534 | |

Reviewer: G4KC, 09-Feb-2025 13:18:33 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

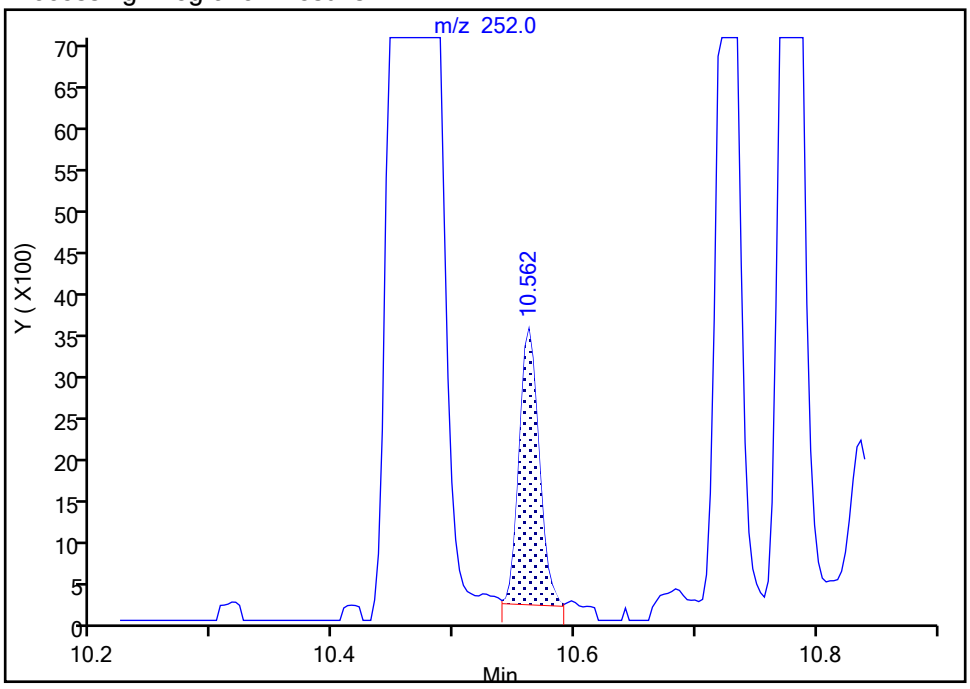
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

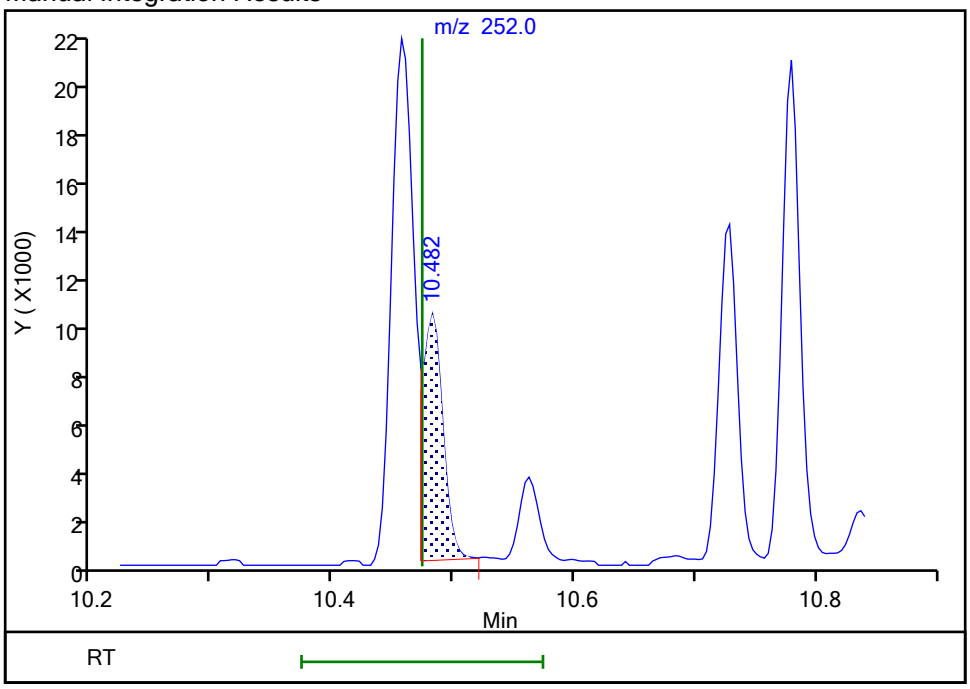
Processing Integration Results

RT: 10.56
Area: 3835
Amount: 0.210443
Amount Units: ug/ml




Manual Integration Results

RT: 10.48
Area: 11877
Amount: 0.651743
Amount Units: ug/ml




Reviewer: U6BX, 09-Feb-2025 12:40:26 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Baseline

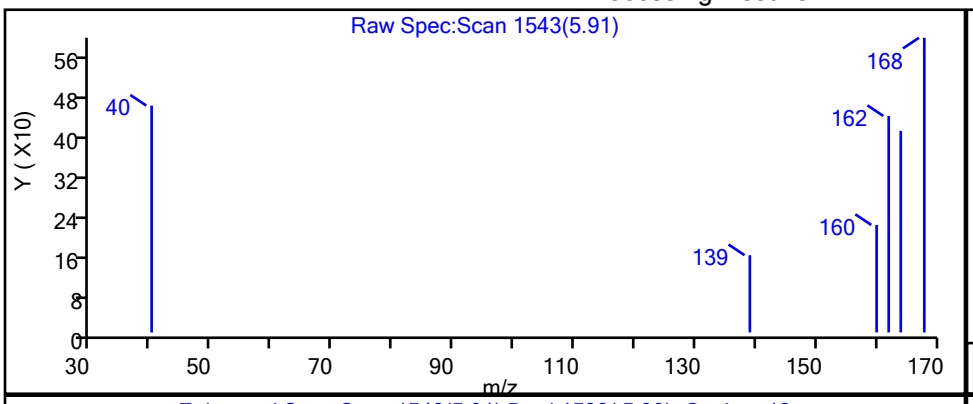
User Disabled Compound Report

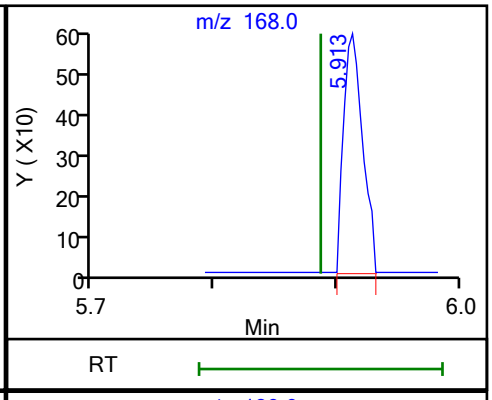
Eurofins Edison

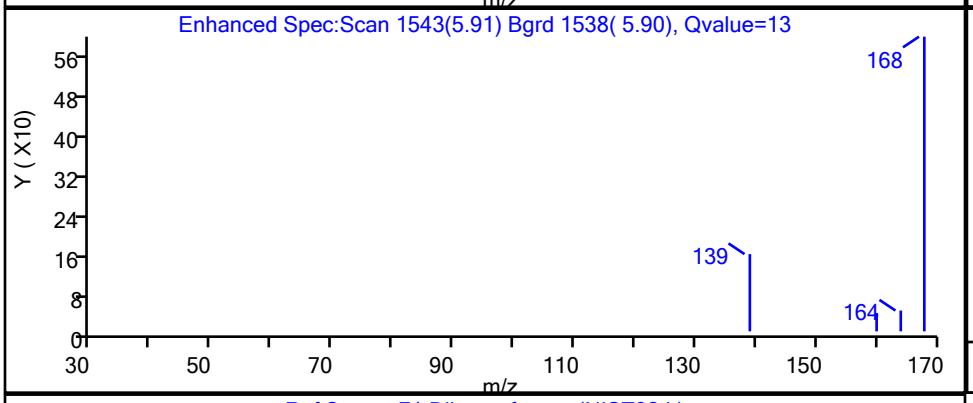
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

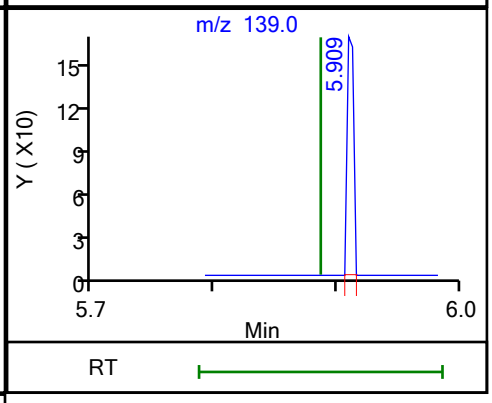
## 71 Dibenzofuran, CAS: 132-64-9

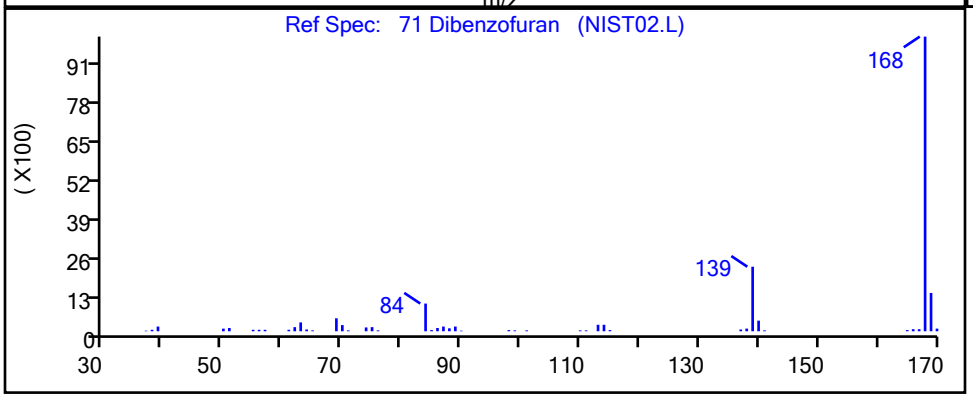
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.91 | 168.00 | 647 | 0.044367 |
| 5.91 | 139.00 | 61 | |

Reviewer: G4KC, 09-Feb-2025 13:18:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

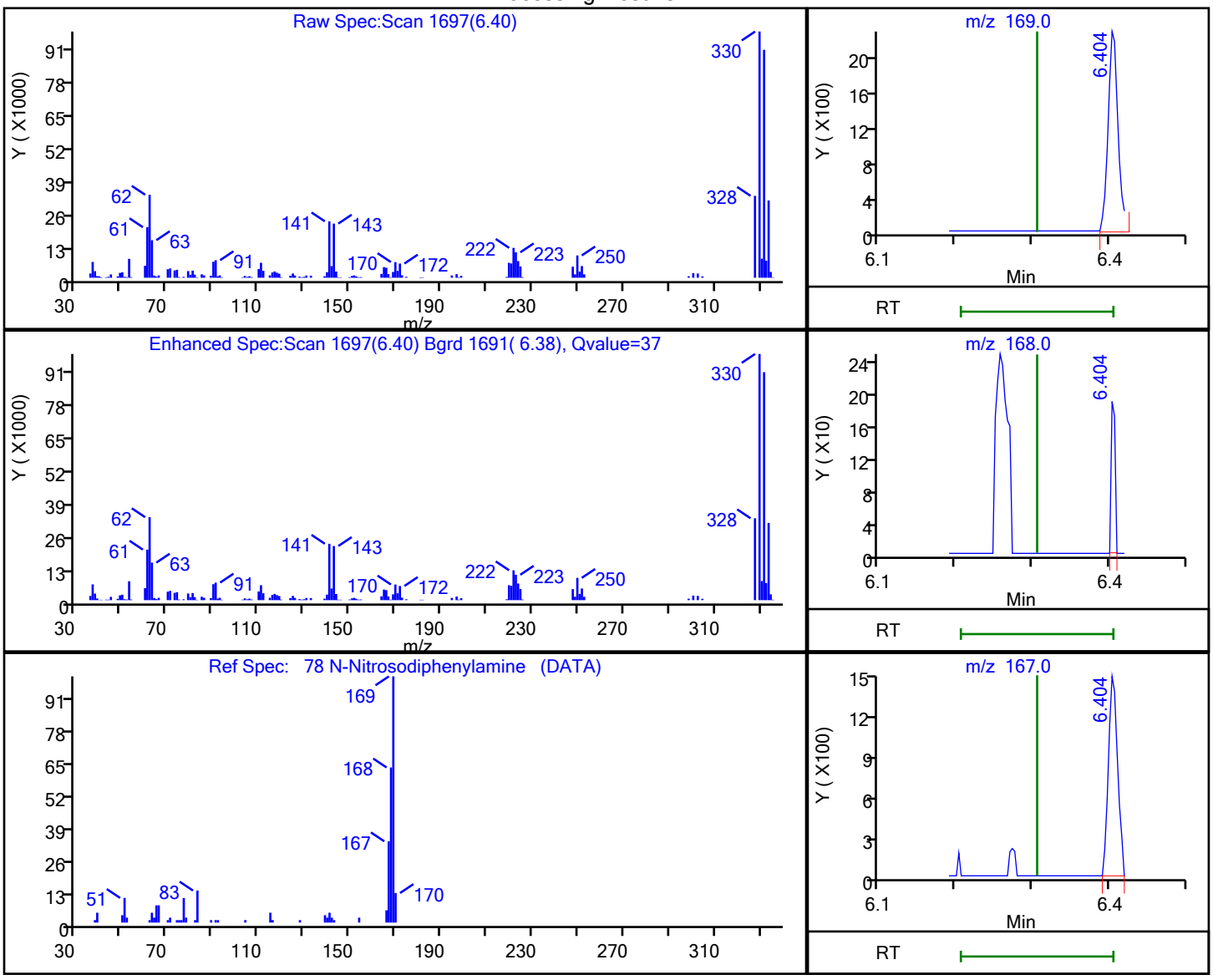
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62087.d | | | | |
| Injection Date: | 08-Feb-2025 18:59:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-3-C | Lab Sample ID: | 460-319954-3 | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 16 | Worklist Smp#: | 16 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.40 | 169.00 | 2069 | 0.261923 |
| 6.40 | 168.00 | 67 | |
| 6.40 | 167.00 | 1208 | |

Reviewer: G4KC, 09-Feb-2025 13:18:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: X62093.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.05(g) | Date Analyzed: 02/08/2025 20:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.055 | J | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.022 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.068 | U | 0.068 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.068 | U | 0.068 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.016 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.26 | J | 0.33 | 0.0094 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.013 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.026 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.034 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.051 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.080 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.039 |
| 100-02-7 | 4-Nitrophenol | 0.68 | U | 0.68 | 0.055 |
| 83-32-9 | Acenaphthene | 0.41 | | 0.33 | 0.0096 |
| 208-96-8 | Acenaphthylene | 0.077 | J | 0.33 | 0.0096 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: X62093.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.05(g) | Date Analyzed: 02/08/2025 20:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.93 | | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.020 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 1.5 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 1.2 | | 0.033 | 0.0089 |
| 205-99-2 | Benzo[b]fluoranthene | 1.4 | | 0.033 | 0.0087 |
| 191-24-2 | Benzo[g,h,i]perylene | 0.80 | | 0.33 | 0.0099 |
| 207-08-9 | Benzo[k]fluoranthene | 0.48 | | 0.033 | 0.0066 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.018 |
| 85-68-7 | Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.052 |
| 86-74-8 | Carbazole | 0.22 | J | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 1.6 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.20 | | 0.033 | 0.015 |
| 132-64-9 | Dibenzofuran | 0.22 | J | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 |
| 84-74-2 | Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.013 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 3.3 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.45 | | 0.33 | 0.0098 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.068 | U | 0.068 | 0.0071 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.012 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 0.59 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.097 |
| 91-20-3 | Naphthalene | 0.27 | J | 0.33 | 0.0058 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.019 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: X62093.d

Analysis Method: 8270E | Date Collected: 02/05/2025 11:45

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.05(g) | Date Analyzed: 02/08/2025 20:54

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.028 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.069 |
| 85-01-8 | Phenanthrene | 4.7 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 3.6 | | 0.33 | 0.0083 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 76 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 73 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 69 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 68 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 68 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 75 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d
Lims ID: 460-319954-E-4-C
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 20:54:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-022
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:24:57 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:47:29

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.071 | 2.055 | 0.016 | 95 | 197057 | 34.5 | |
| $ 6 Phenol-d5 | 99 | 2.770 | 2.767 | 0.003 | 99 | 252719 | 34.0 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.048 | 3.042 | 0.006 | 95 | 184829 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.530 | 3.527 | 0.003 | 86 | 225025 | 34.2 | |
| * 38 Naphthalene-d8 | 136 | 4.160 | 4.157 | 0.003 | 99 | 685416 | 40.0 | |
| 39 Naphthalene | 128 | 4.179 | 4.182 | 0.003 | 77 | 69720 | 4.02 | |
| 44 2-Methylnaphthalene | 142 | 4.796 | 4.797 | 0.004 | 82 | 45107 | 3.90 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.128 | 5.122 | 0.006 | 97 | 484035 | 36.3 | |
| 52 1,1'-Biphenyl | 154 | 5.211 | 5.208 | 0.003 | 87 | 11100 | 0.8081 | |
| 61 Acenaphthylene | 152 | 5.585 | 5.583 | 0.006 | 94 | 18179 | 1.14 | |
| * 65 Acenaphthene-d10 | 164 | 5.709 | 5.704 | 0.005 | 96 | 355309 | 40.0 | |
| 67 Acenaphthene | 154 | 5.735 | 5.733 | 0.002 | 87 | 58600 | 6.05 | |
| 71 Dibenzofuran | 168 | 5.892 | 5.891 | 0.006 | 92 | 48629 | 3.25 | |
| 75 Fluorene | 166 | 6.189 | 6.192 | 0.002 | 83 | 78671 | 6.67 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.407 | 6.402 | 0.005 | 90 | 108786 | 37.8 | |
| * 88 Phenanthrene-d10 | 188 | 7.012 | 7.006 | 0.006 | 98 | 649547 | 40.0 | |
| 89 Phenanthrene | 178 | 7.037 | 7.029 | 0.008 | 98 | 1122954 | 69.4 | |
| 90 Anthracene | 178 | 7.076 | 7.104 | 0.003 | 97 | 229208 | 13.7 | |
| 91 Carbazole | 167 | 7.233 | 7.228 | 0.009 | 80 | 48483 | 3.23 | |
| 93 Fluoranthene | 202 | 8.082 | 8.102 | 0.012 | 97 | 885800 | 48.3 | |
| 95 Pyrene | 202 | 8.281 | 8.274 | 0.013 | 96 | 957776 | 53.0 | |
| $ 96 Terphenyl-d14 | 244 | 8.429 | 8.416 | 0.013 | 98 | 611262 | 37.5 | |
| 101 Benzo[a]anthracene | 228 | 9.380 | 9.368 | 0.012 | 99 | 408216 | 22.7 | |
| * 102 Chrysene-d12 | 240 | 9.393 | 9.378 | 0.015 | 99 | 548217 | 40.0 | |
| 103 Chrysene | 228 | 9.415 | 9.408 | 0.012 | 95 | 404492 | 23.2 | |
| 106 Benzo[b]fluoranthene | 252 | 10.457 | 10.458 | 0.012 | 97 | 375040 | 20.8 | |
| 107 Benzo[k]fluoranthene | 252 | 10.480 | 10.479 | 0.007 | 1 | 135819 | 7.03 | Ma |
| 108 Benzo[a]pyrene | 252 | 10.779 | 10.767 | 0.012 | 96 | 304629 | 18.4 | |
| * 109 Perylene-d12 | 264 | 10.843 | 10.822 | 0.021 | 99 | 653621 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.954 | 11.959 | 0.011 | 98 | 191595 | 8.73 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.964 | 11.985 | 0.005 | 50 | 53074 | 2.92 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.260 | 12.266 | 0.010 | 93 | 194707 | 11.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

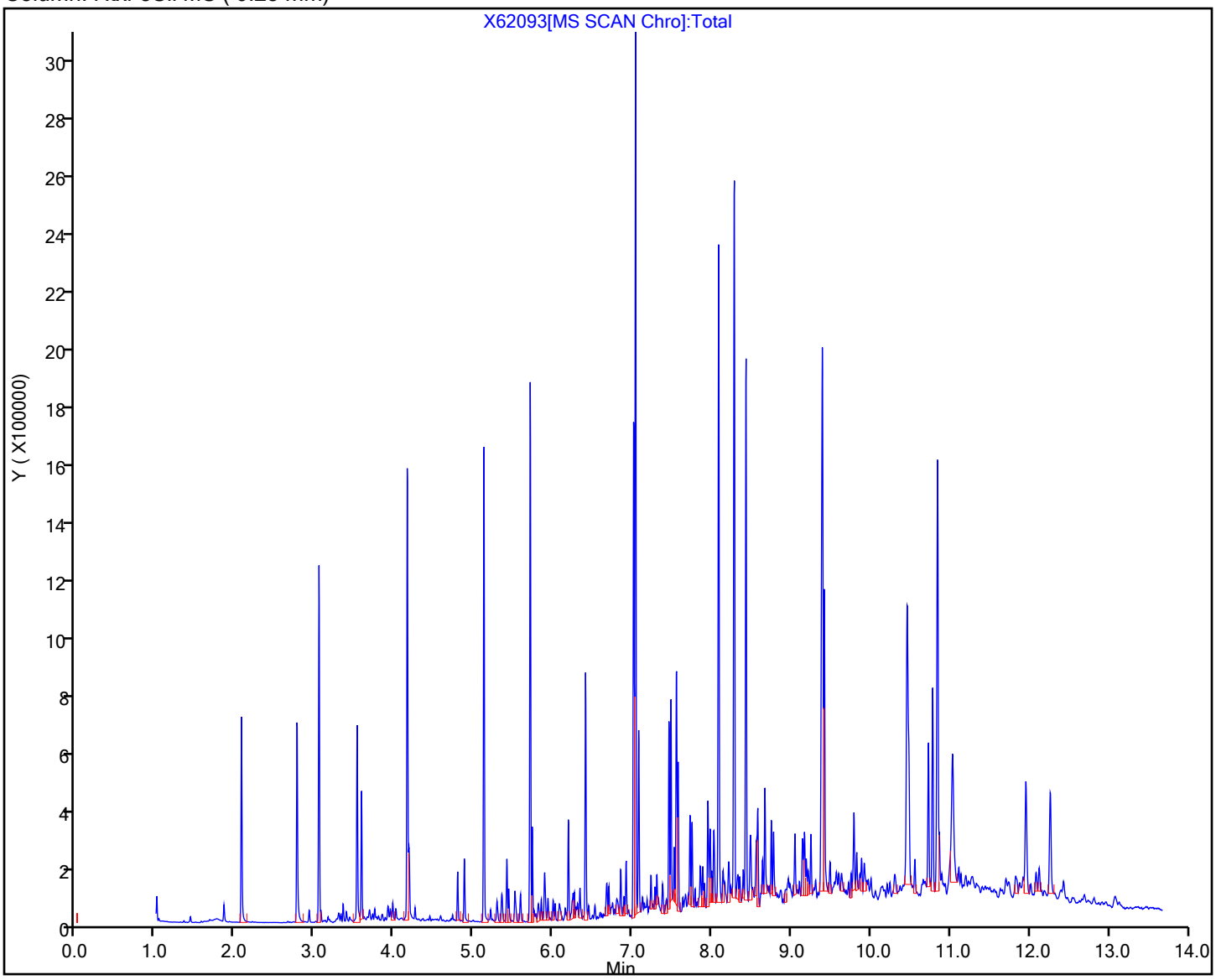
Report Date: 09-Feb-2025 13:24:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d
Lims ID: 460-319954-E-4-C
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 20:54:30 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-022
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:24:57 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

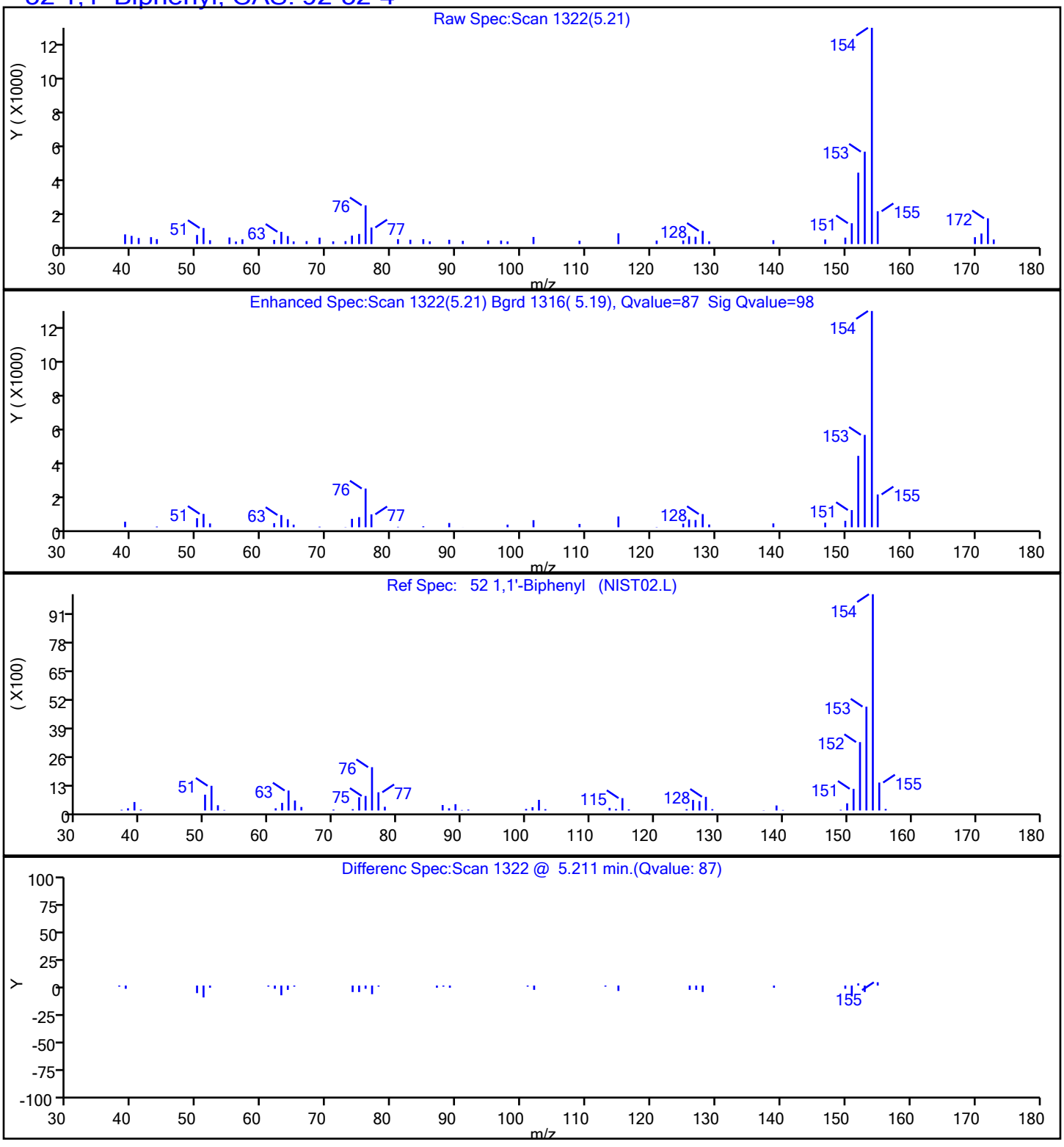
First Level Reviewer: U6BX Date: 09-Feb-2025 12:47:29

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 34.5 | 69.05 |
| $ 6 Phenol-d5 | 50.0 | 34.0 | 68.07 |
| $ 26 Nitrobenzene-d5 | 50.0 | 34.2 | 68.38 |
| $ 51 2-Fluorobiphenyl | 50.0 | 36.3 | 72.56 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 37.8 | 75.63 |
| $ 96 Terphenyl-d14 | 50.0 | 37.5 | 75.04 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4



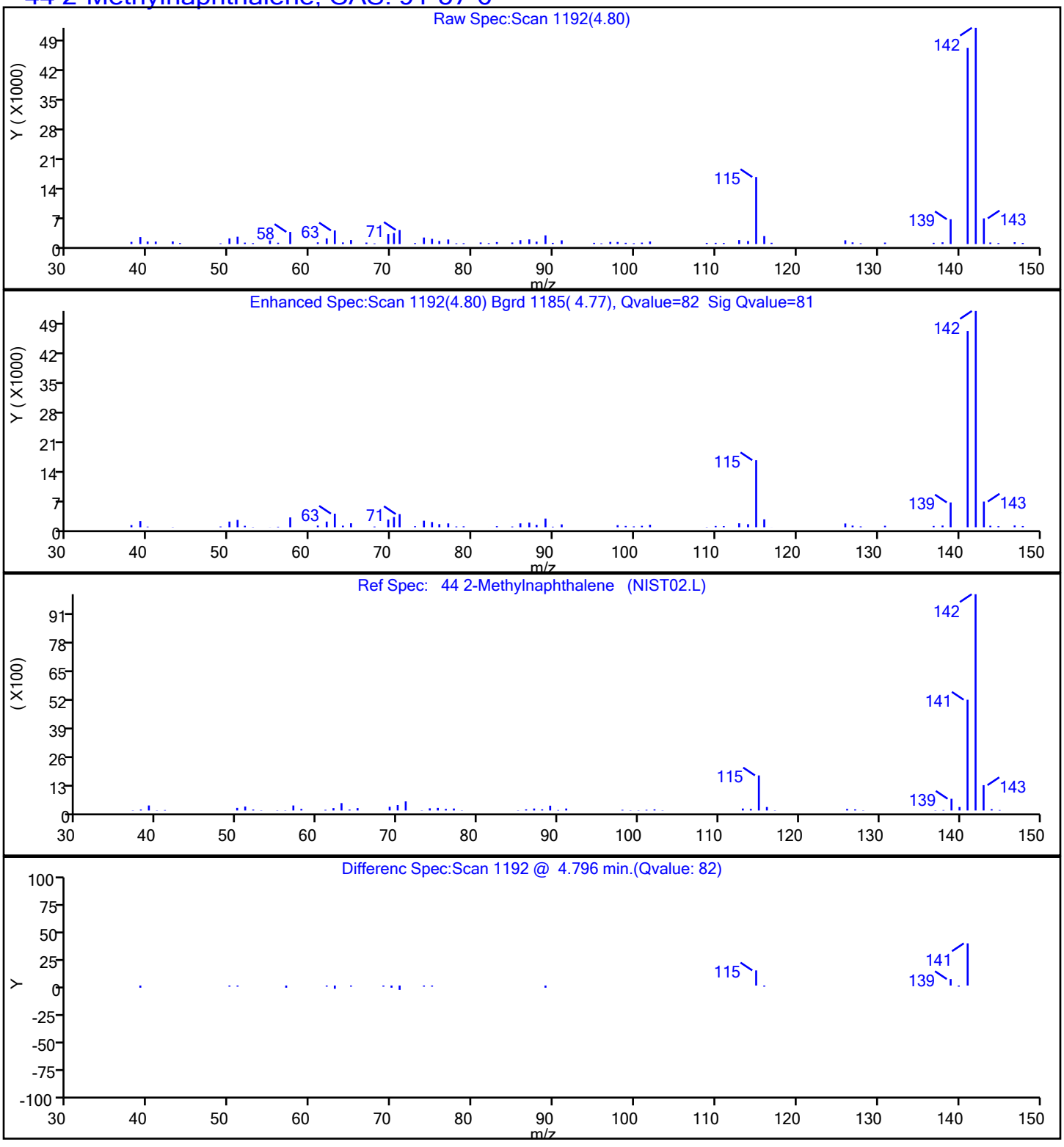
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 44 2-Methylnaphthalene, CAS: 91-57-6



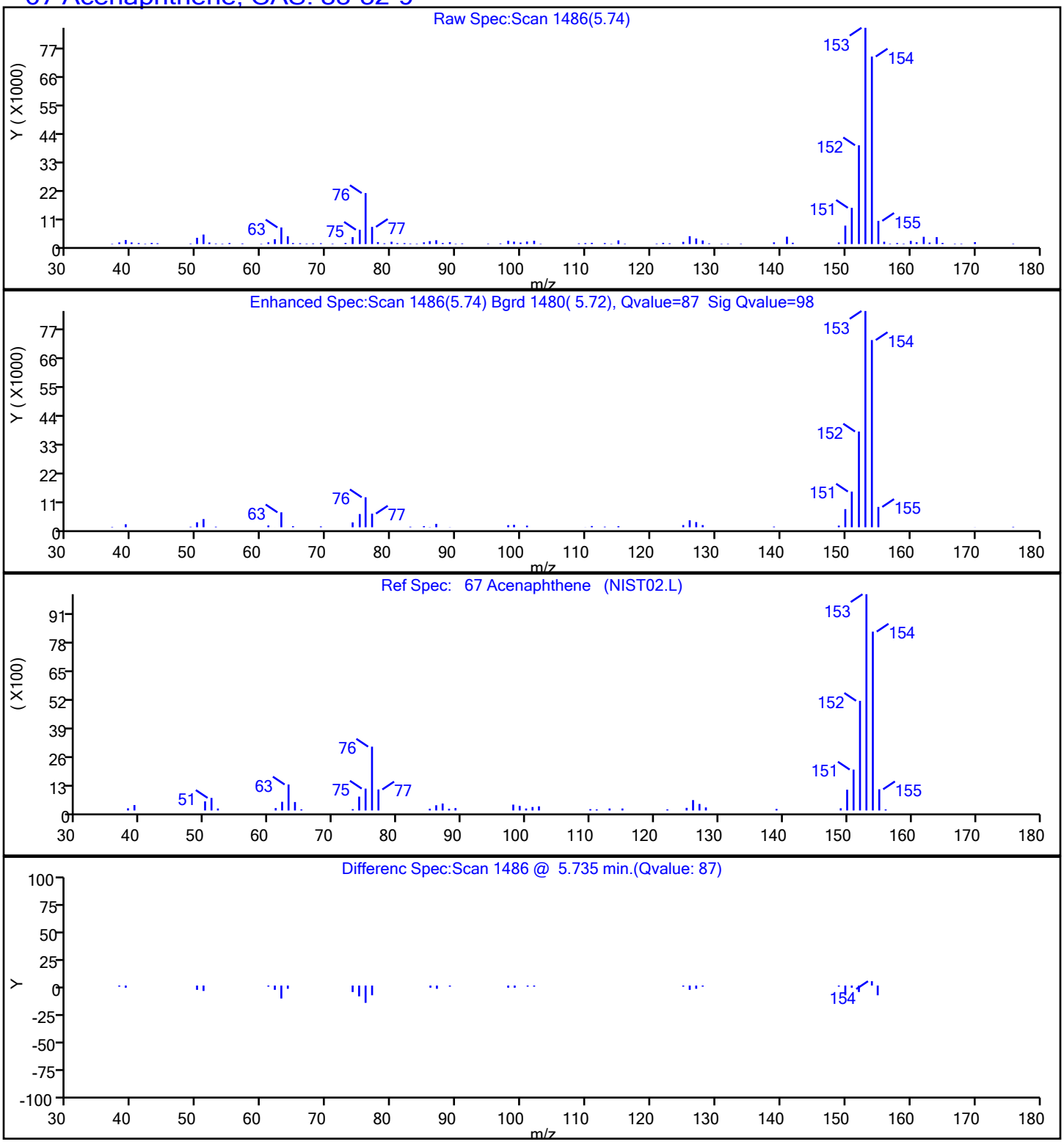



2/14/2025
12:32:58 PM

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d
Injection Date: 08-Feb-2025 20:54:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-4-C Lab Sample ID: 460-319954-4
Client ID: RX-22-01_0-2
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

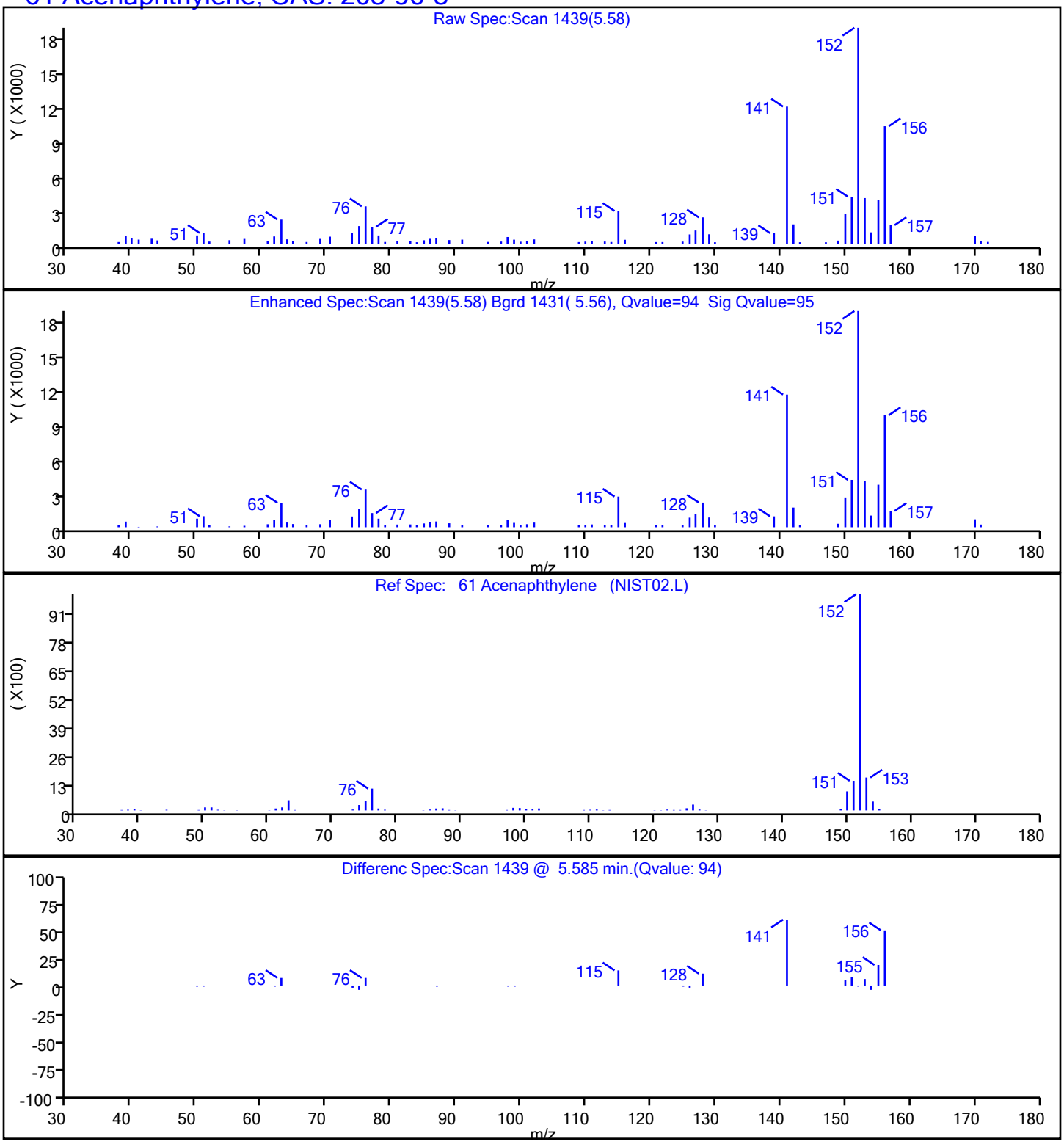
## 67 Acenaphthene, CAS: 83-32-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 61 Acenaphthylene, CAS: 208-96-8



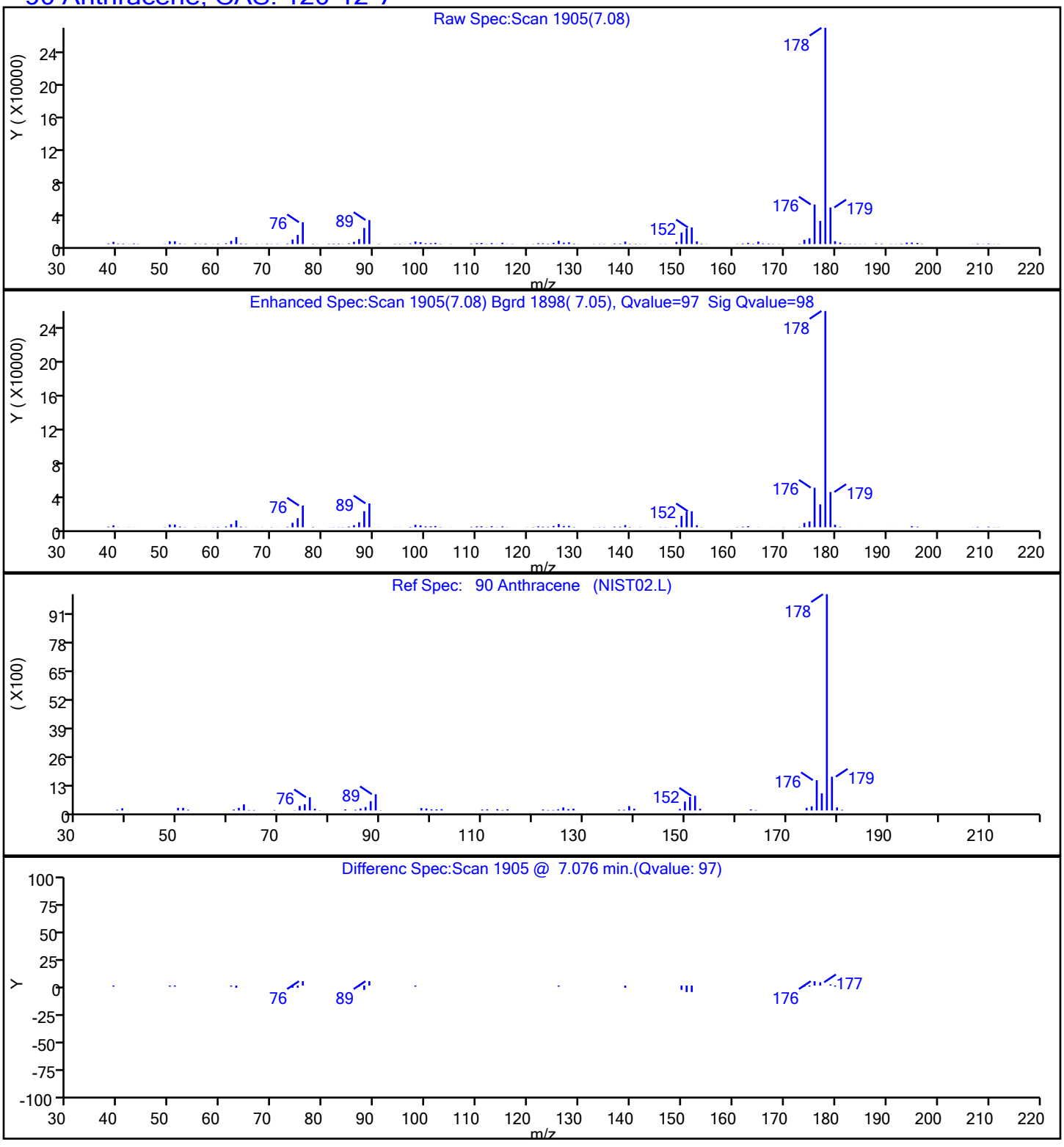
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7






2/14/2025
12:32:58 PM

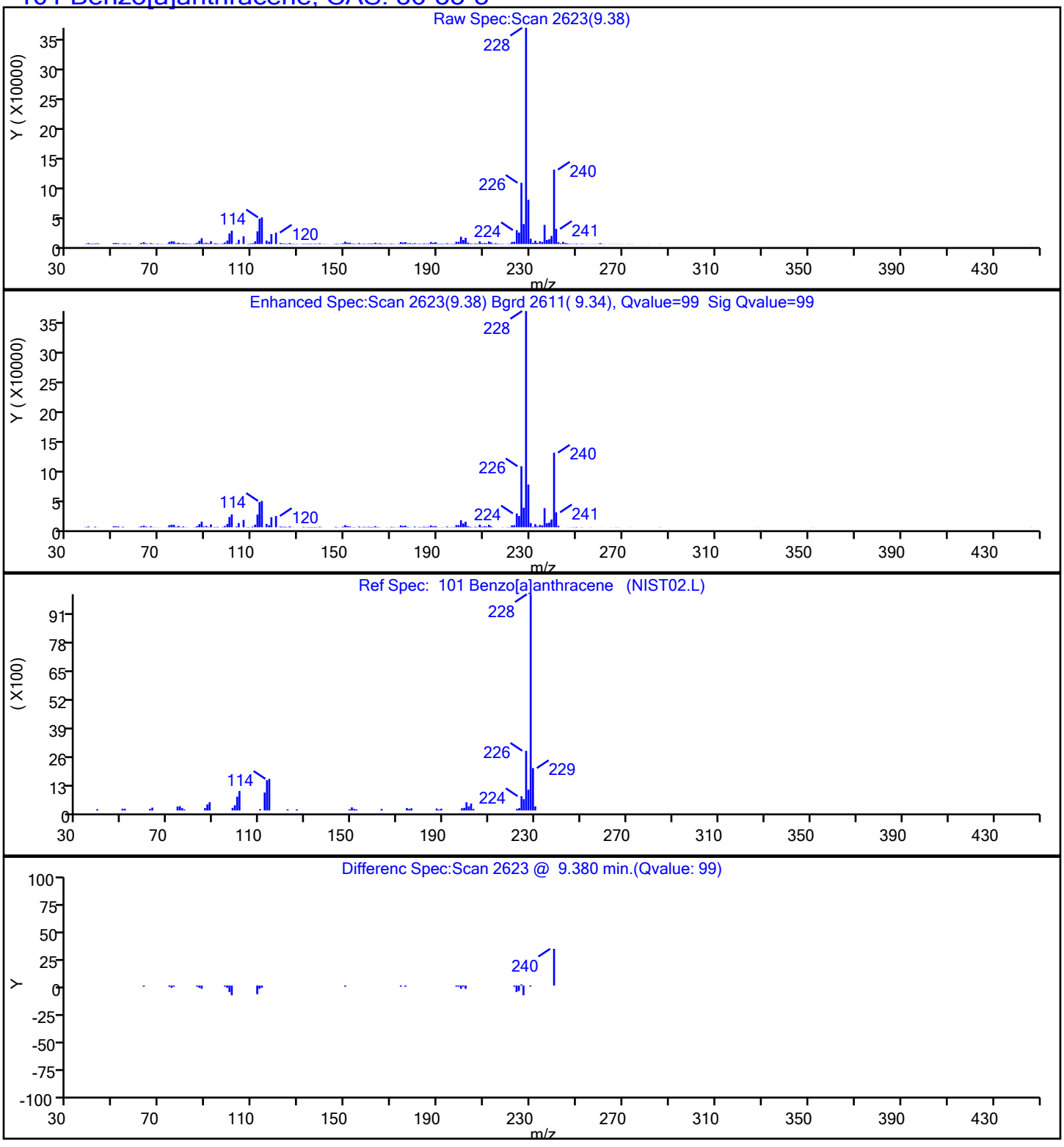
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3



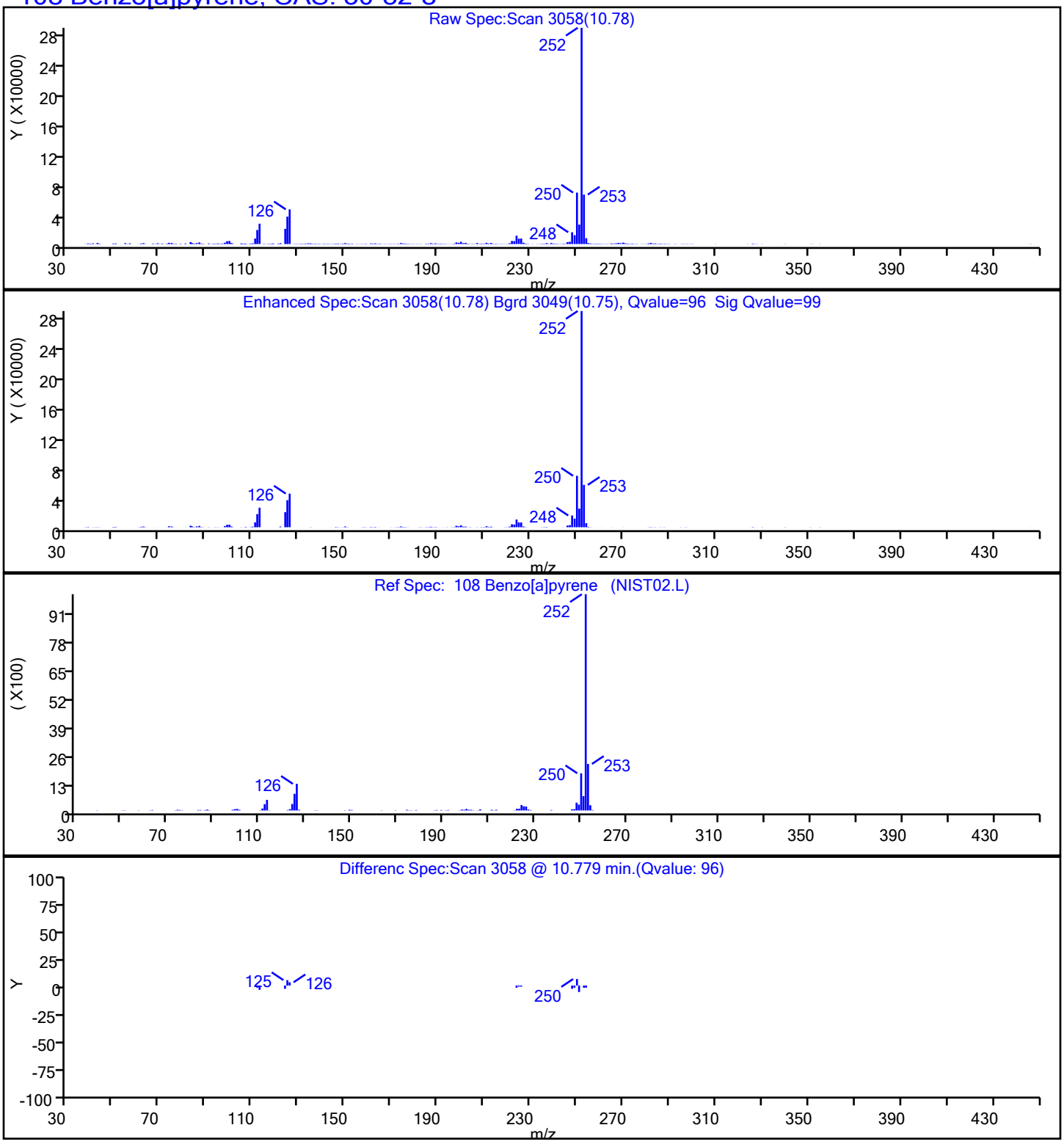
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8



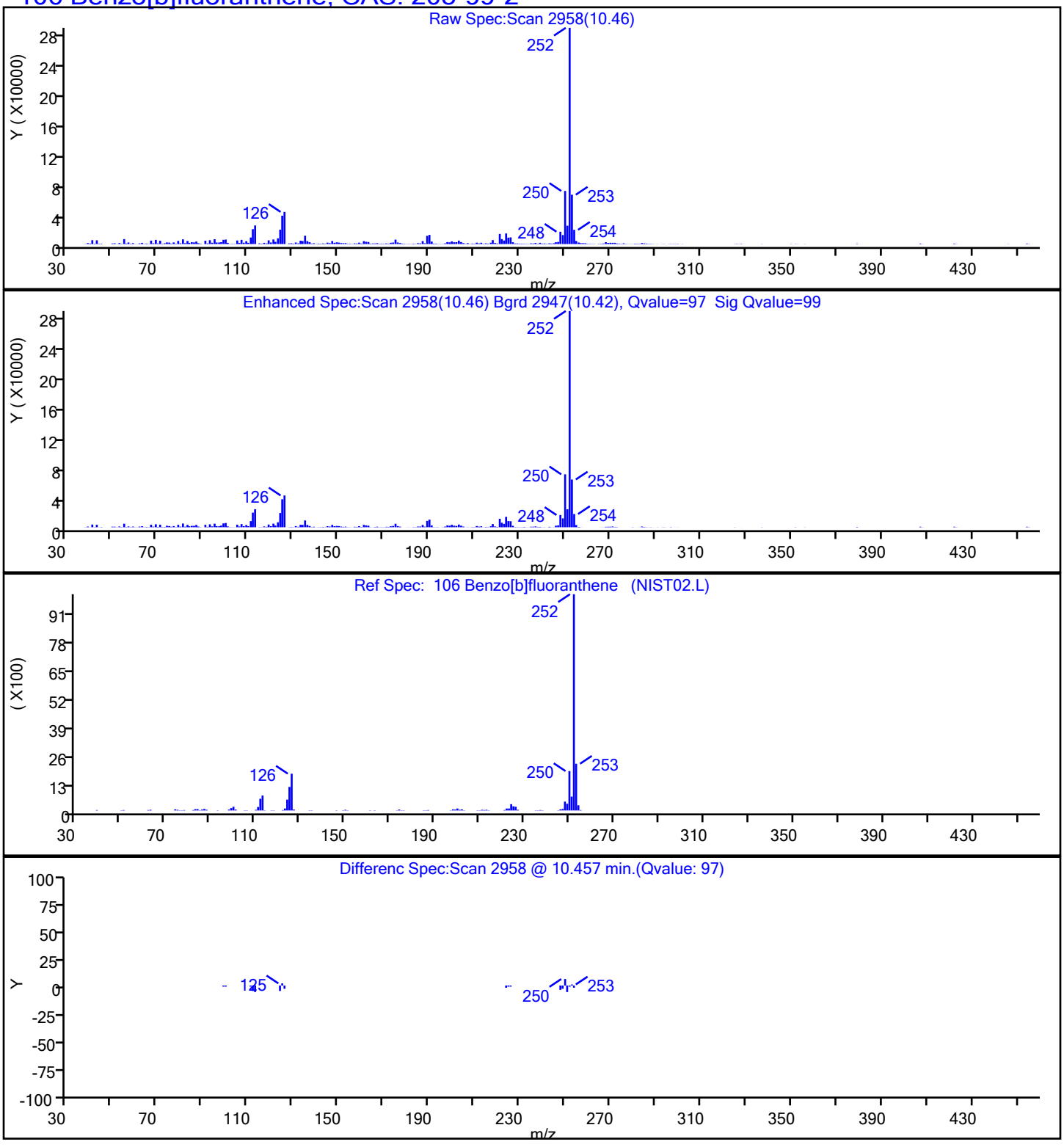
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

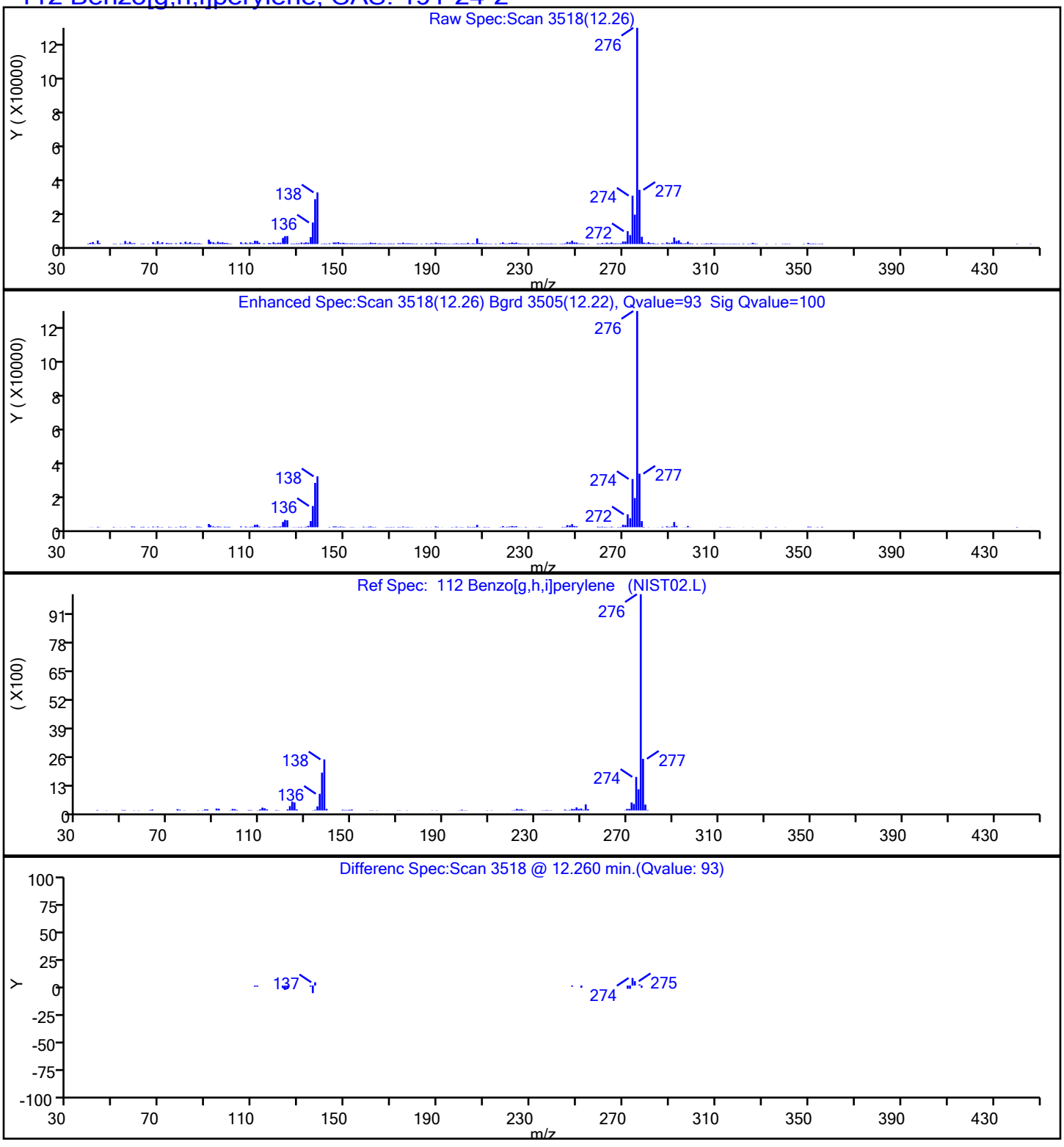
## 106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Benzo[g,h,i]perylene, CAS: 191-24-2

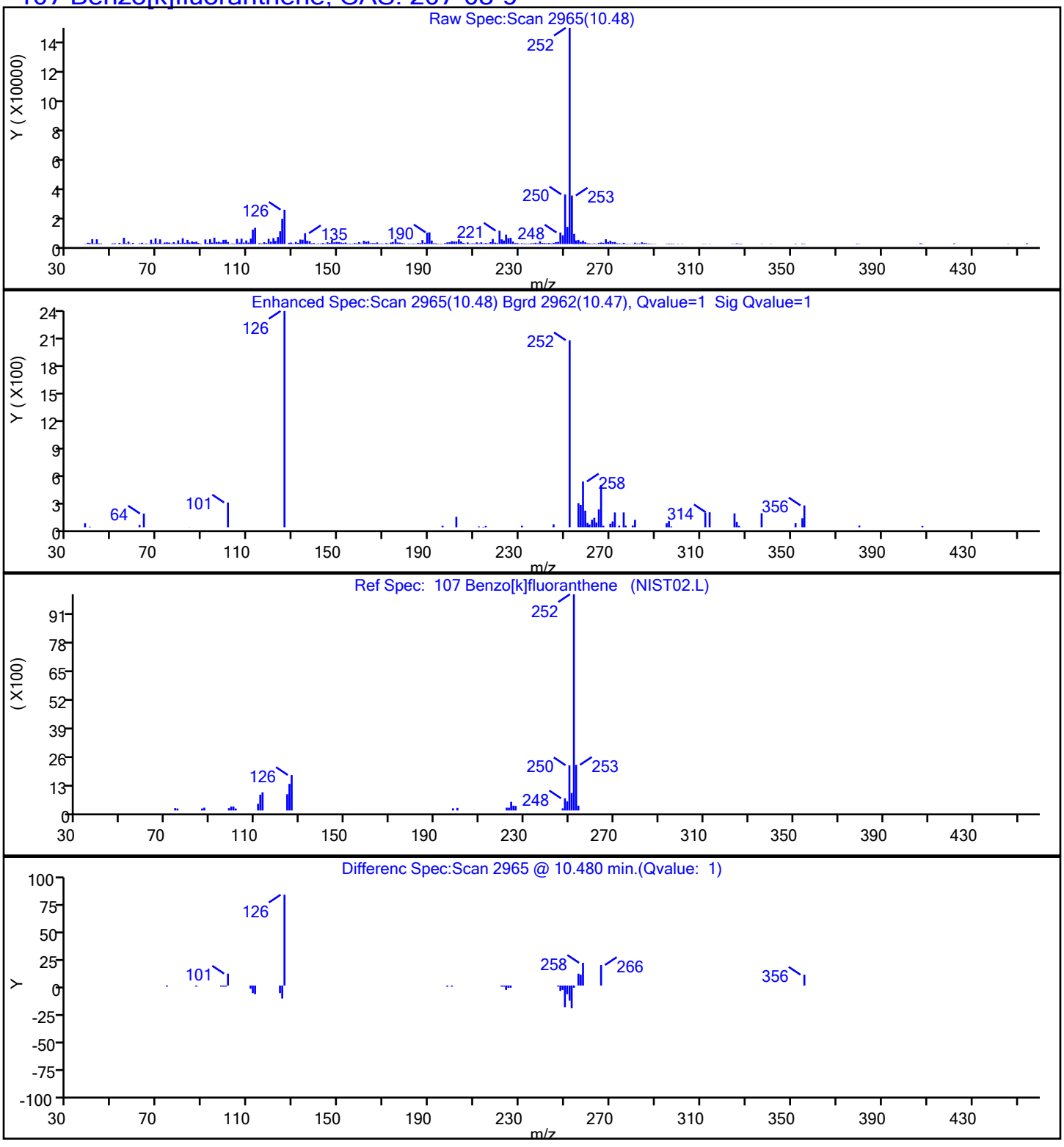


Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

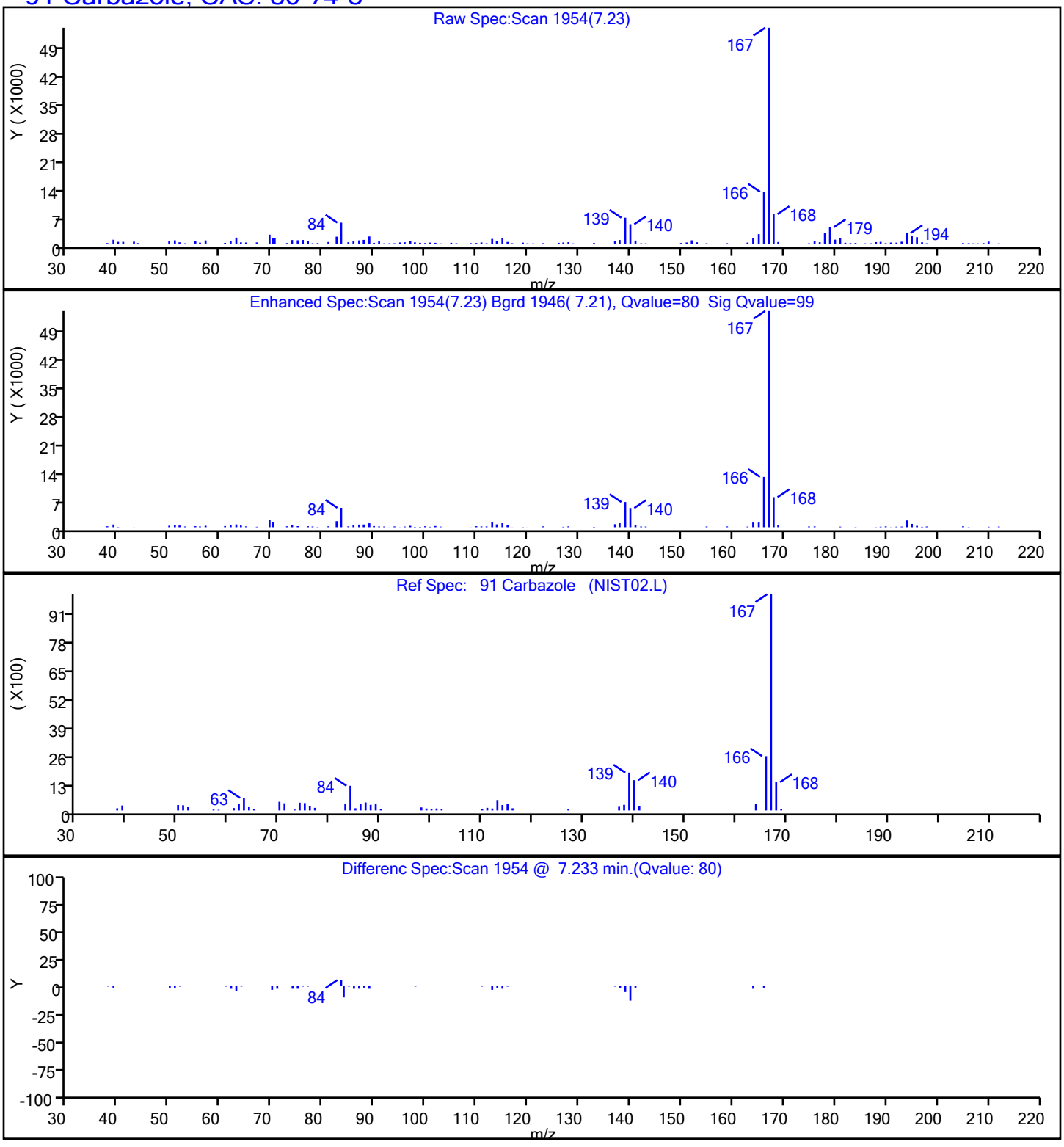
## 107 Benzo[k]fluoranthene, CAS: 207-08-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 91 Carbazole, CAS: 86-74-8

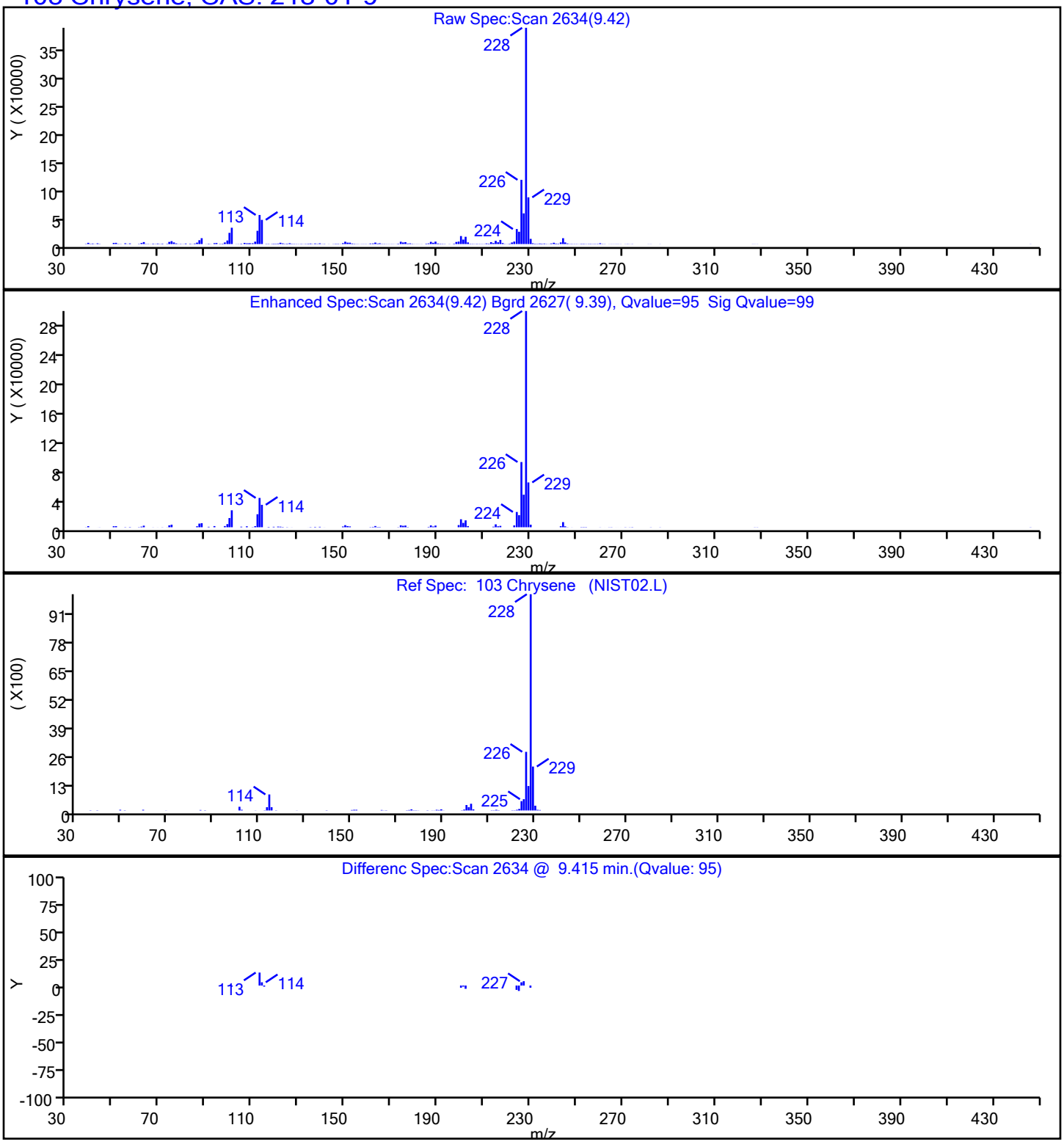


Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

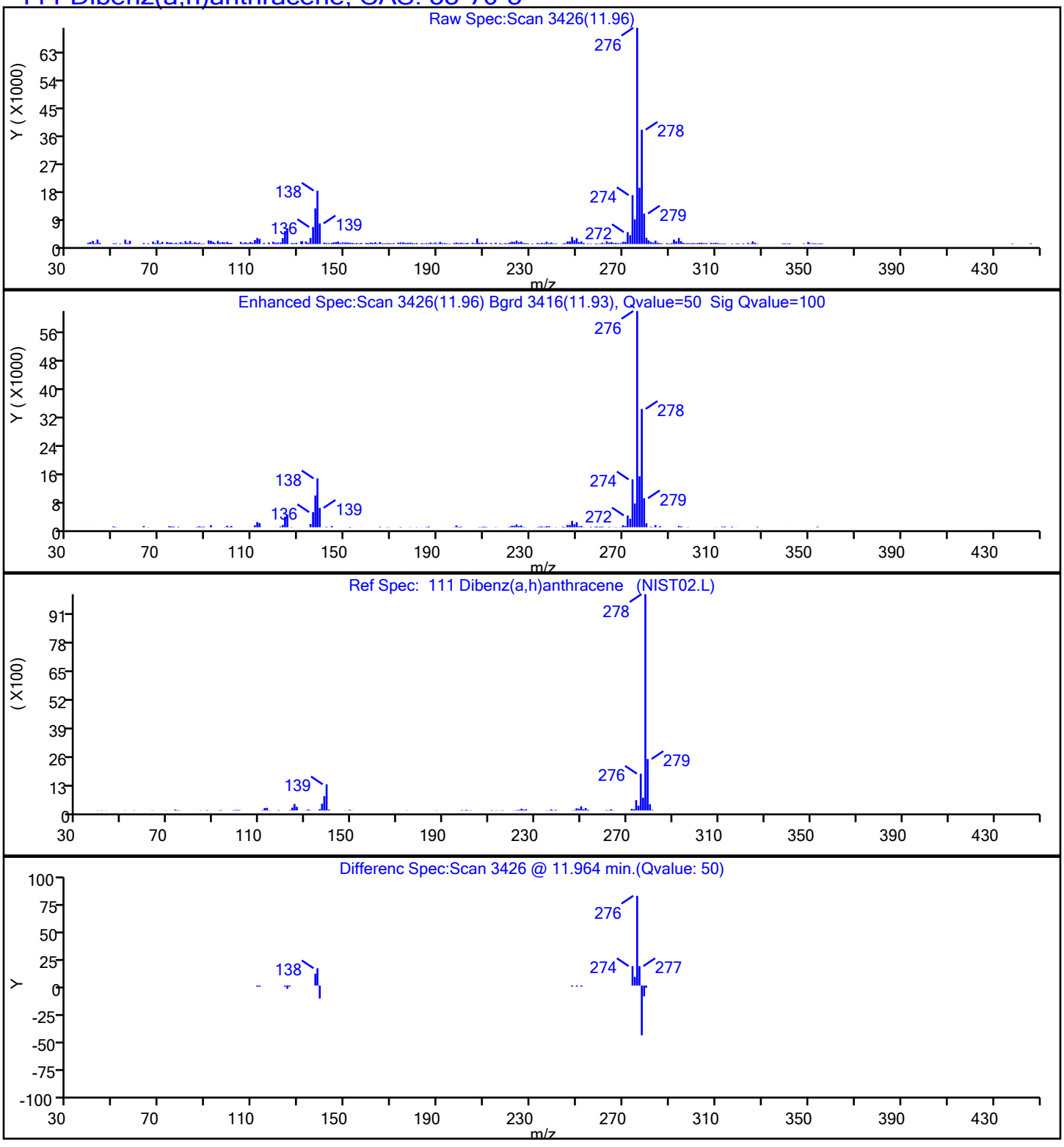
## 103 Chrysene, CAS: 218-01-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

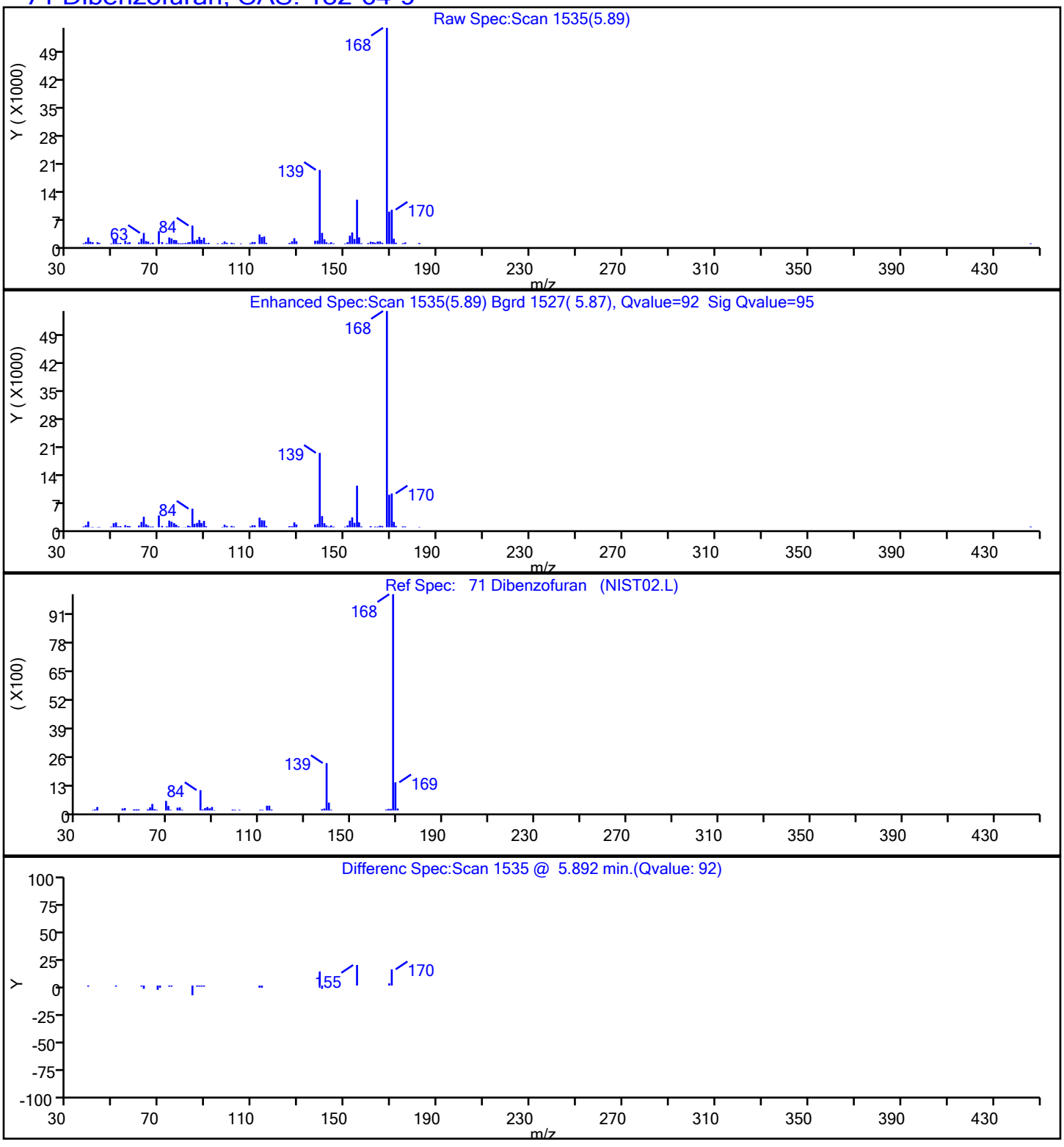
## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

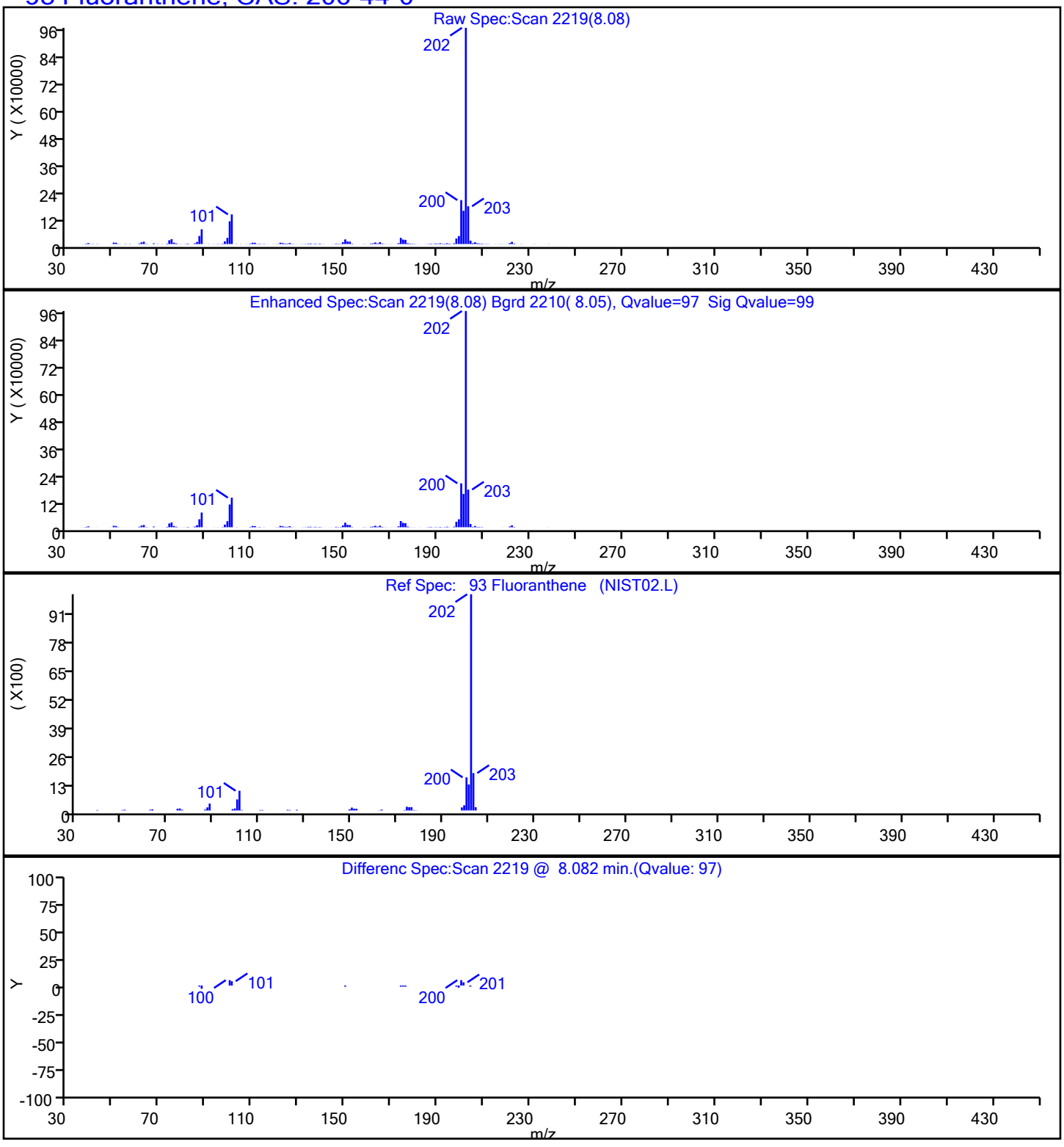
## 71 Dibenzofuran, CAS: 132-64-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

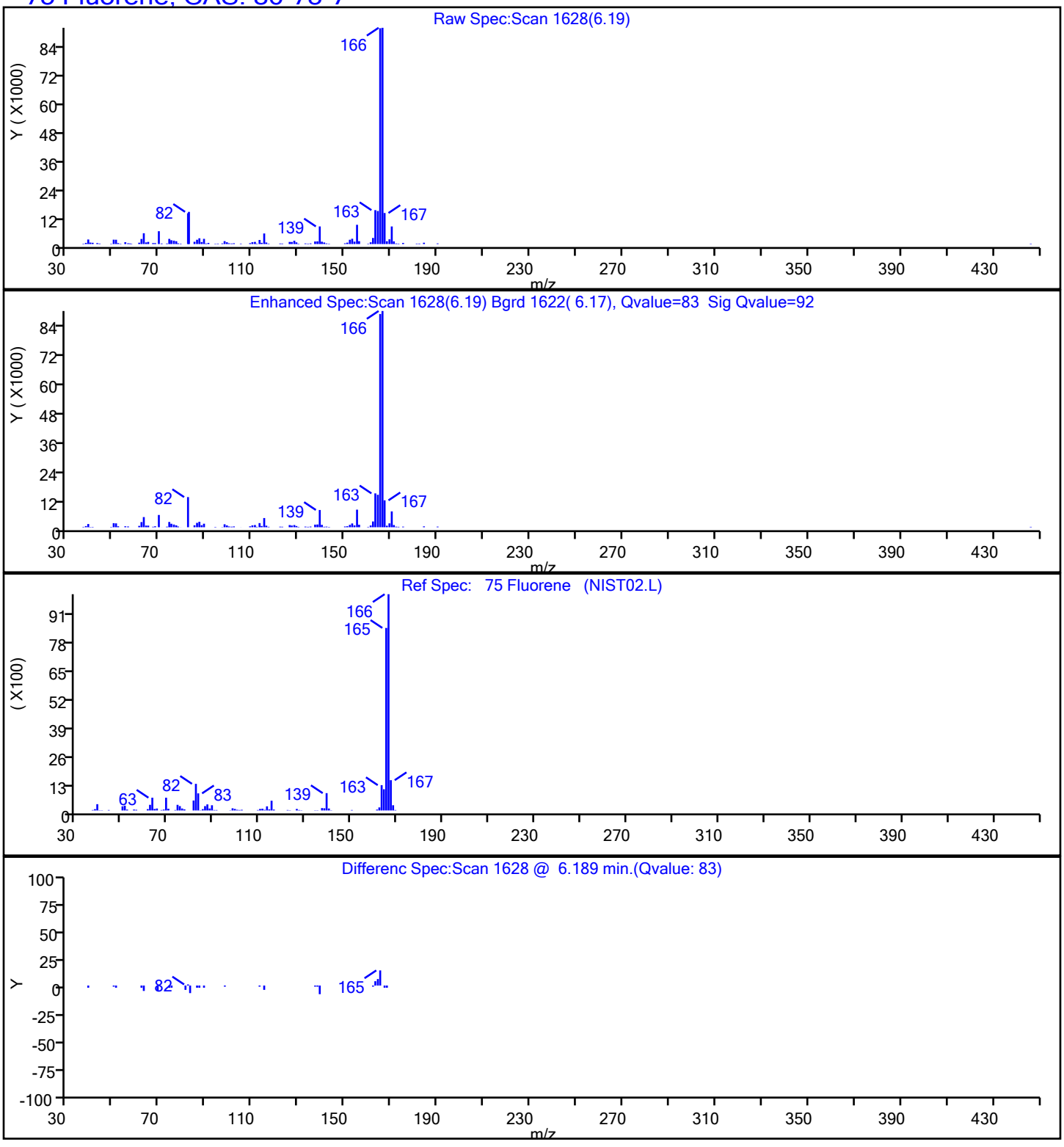
## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 75 Fluorene, CAS: 86-73-7



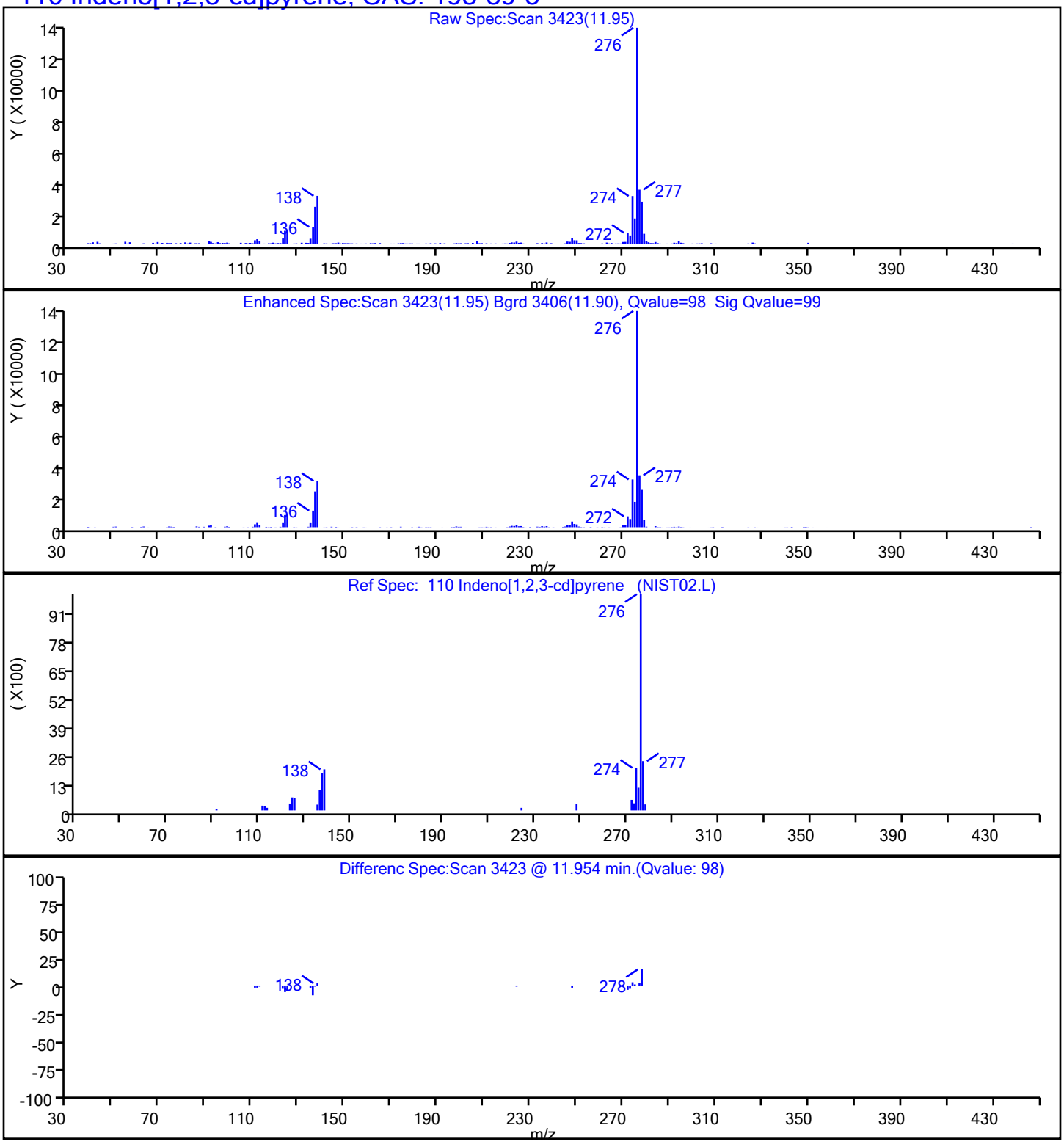
Report Date: 09-Feb-2025 13:24:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

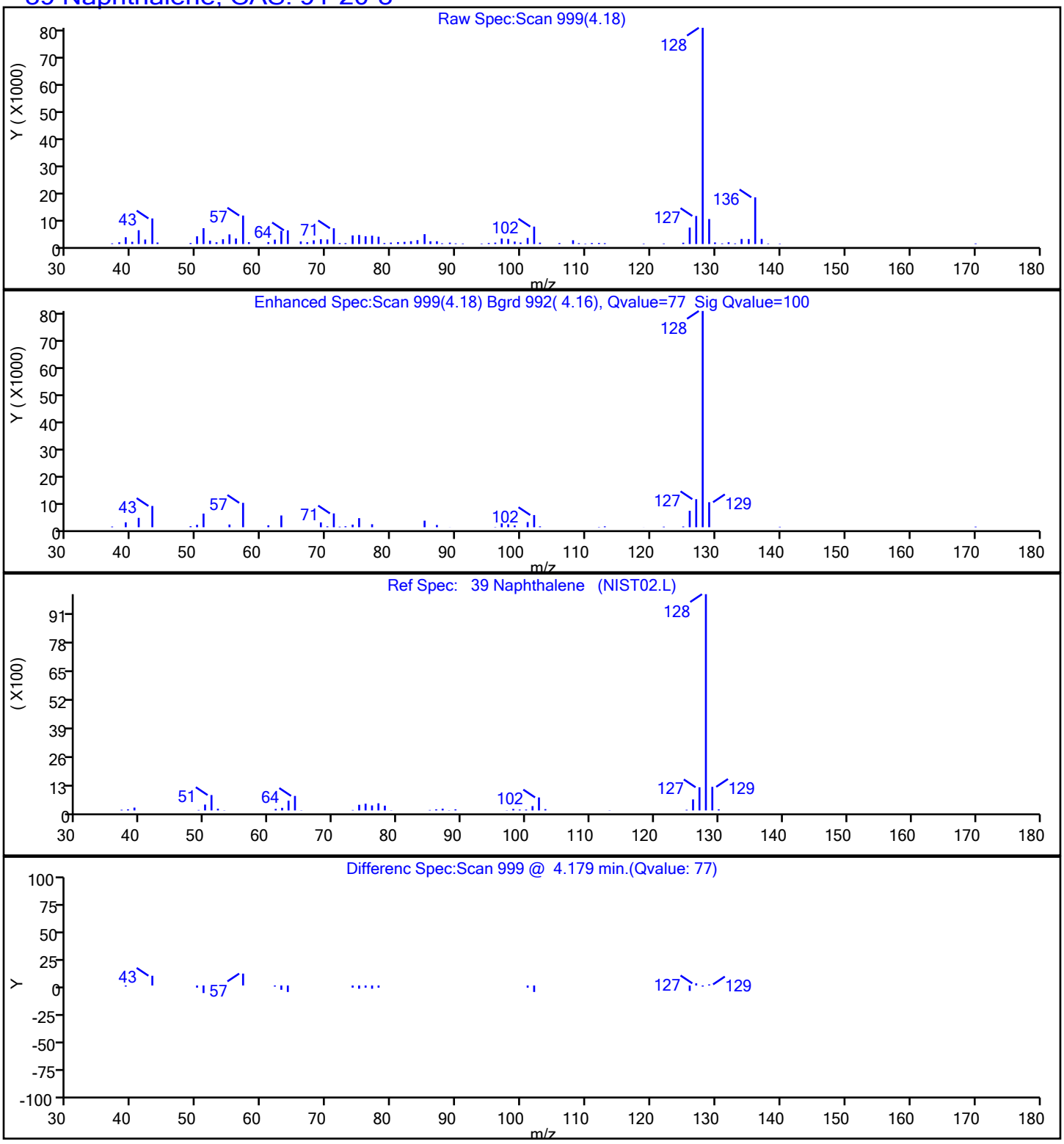
## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d
Injection Date: 08-Feb-2025 20:54:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-4-C Lab Sample ID: 460-319954-4
Client ID: RX-22-01_0-2
Operator ID: ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

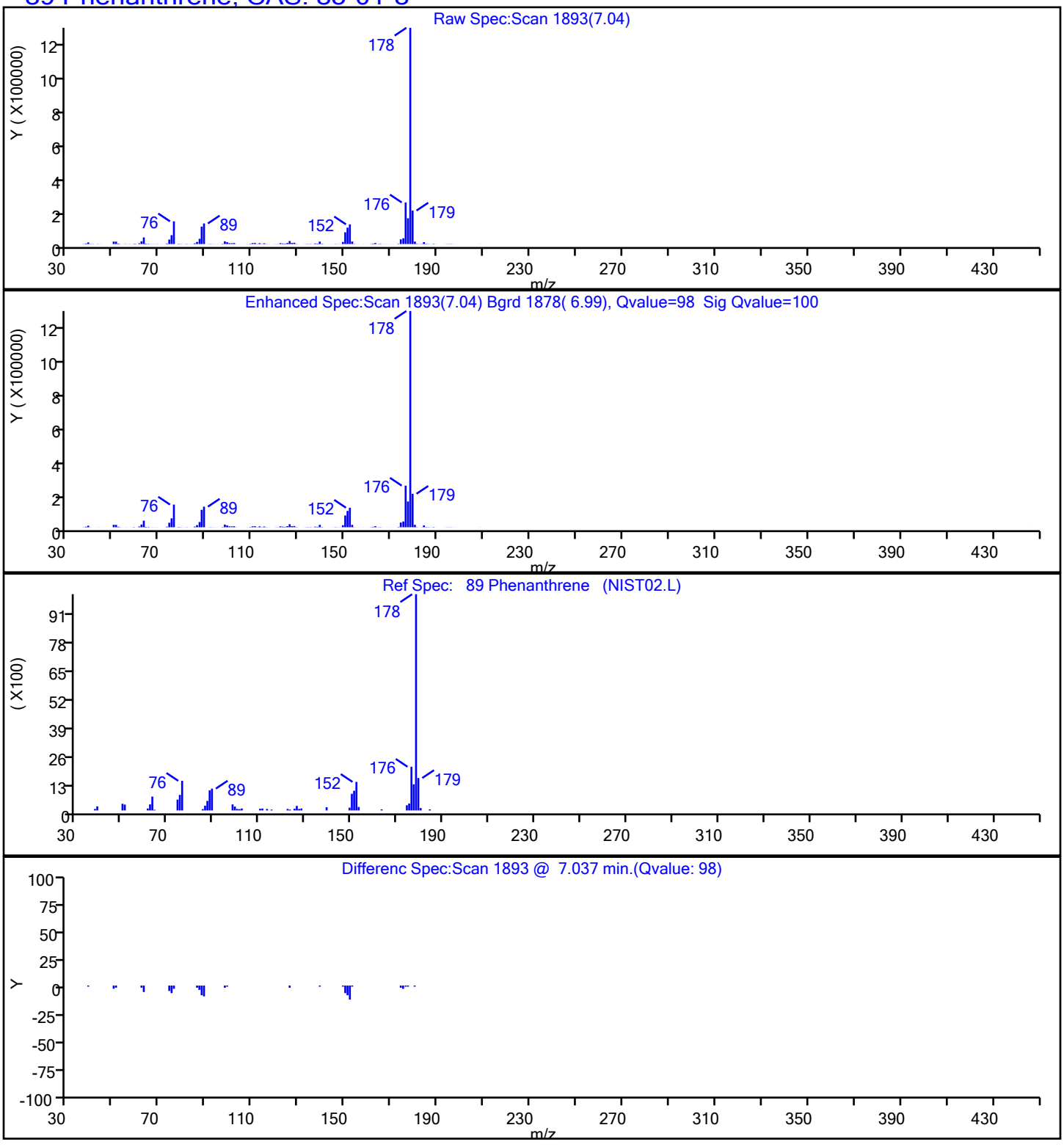
## 39 Naphthalene, CAS: 91-20-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

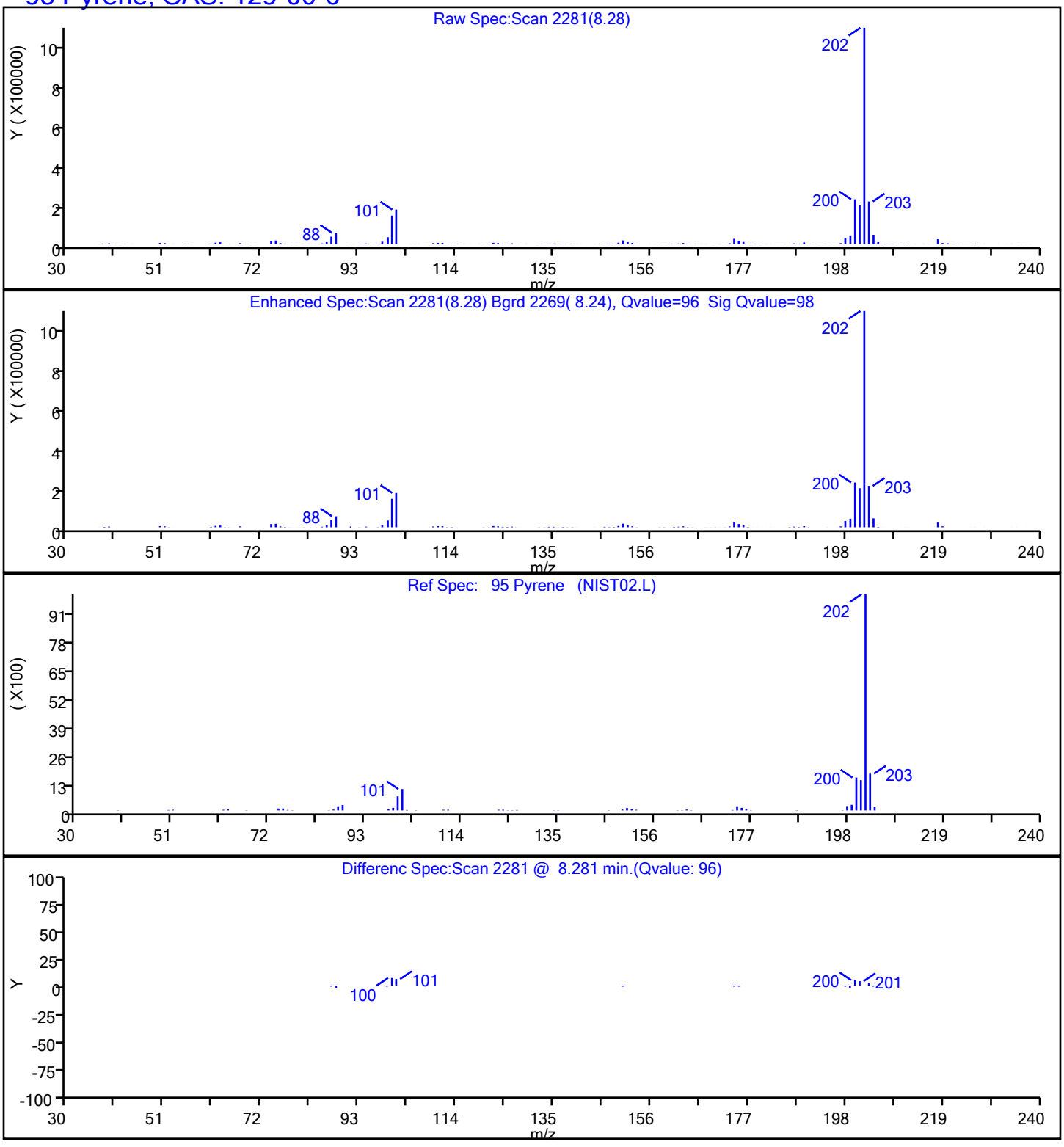
## 89 Phenanthrene, CAS: 85-01-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



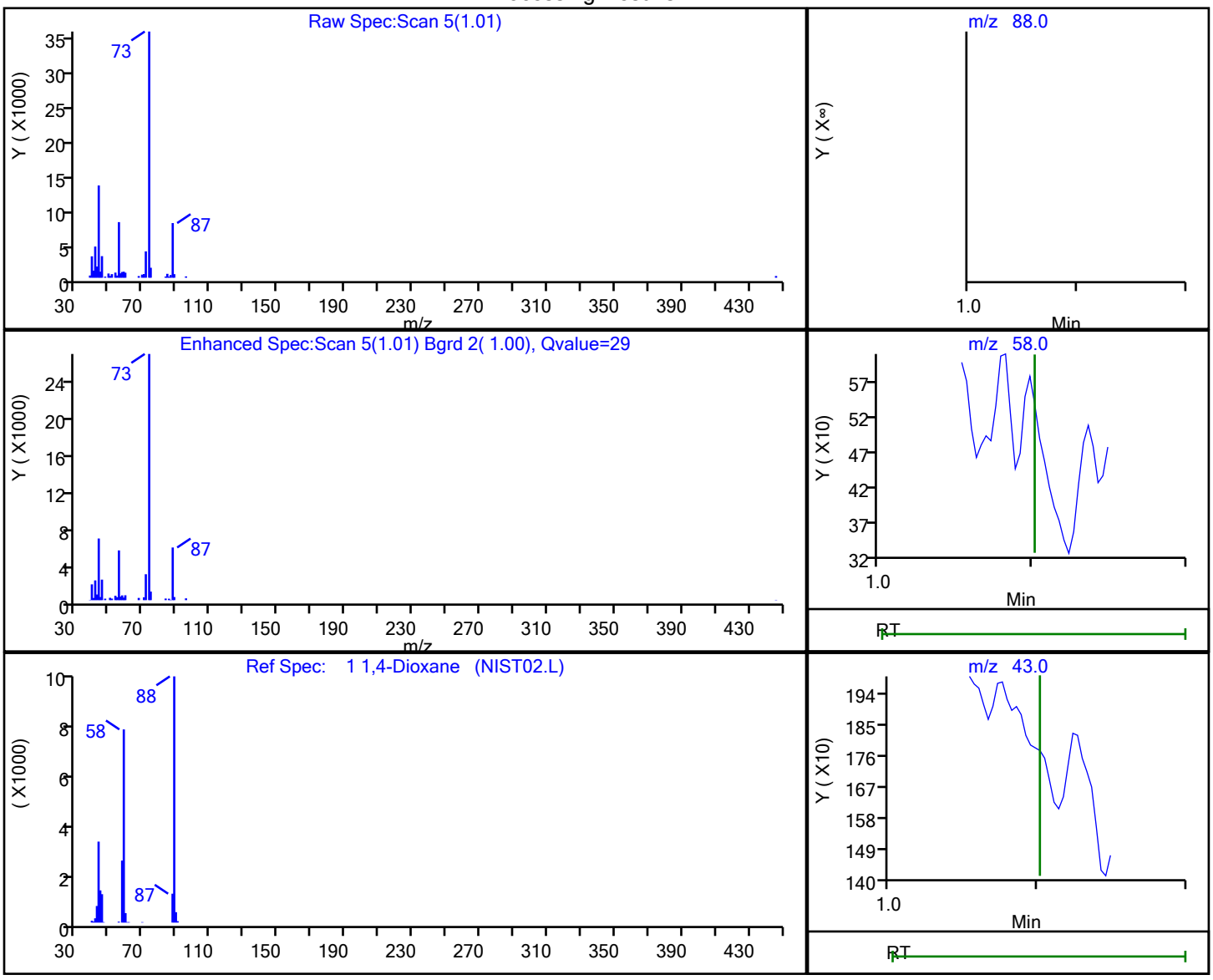
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 1 1,4-Dioxane, CAS: 123-91-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 1.01 | 88.00 | 354 | 0.148195 |
| 1.01 | 58.00 | 143 | |
| 1.01 | 43.00 | 7291 | |

Reviewer: G4KC, 09-Feb-2025 13:24:17 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

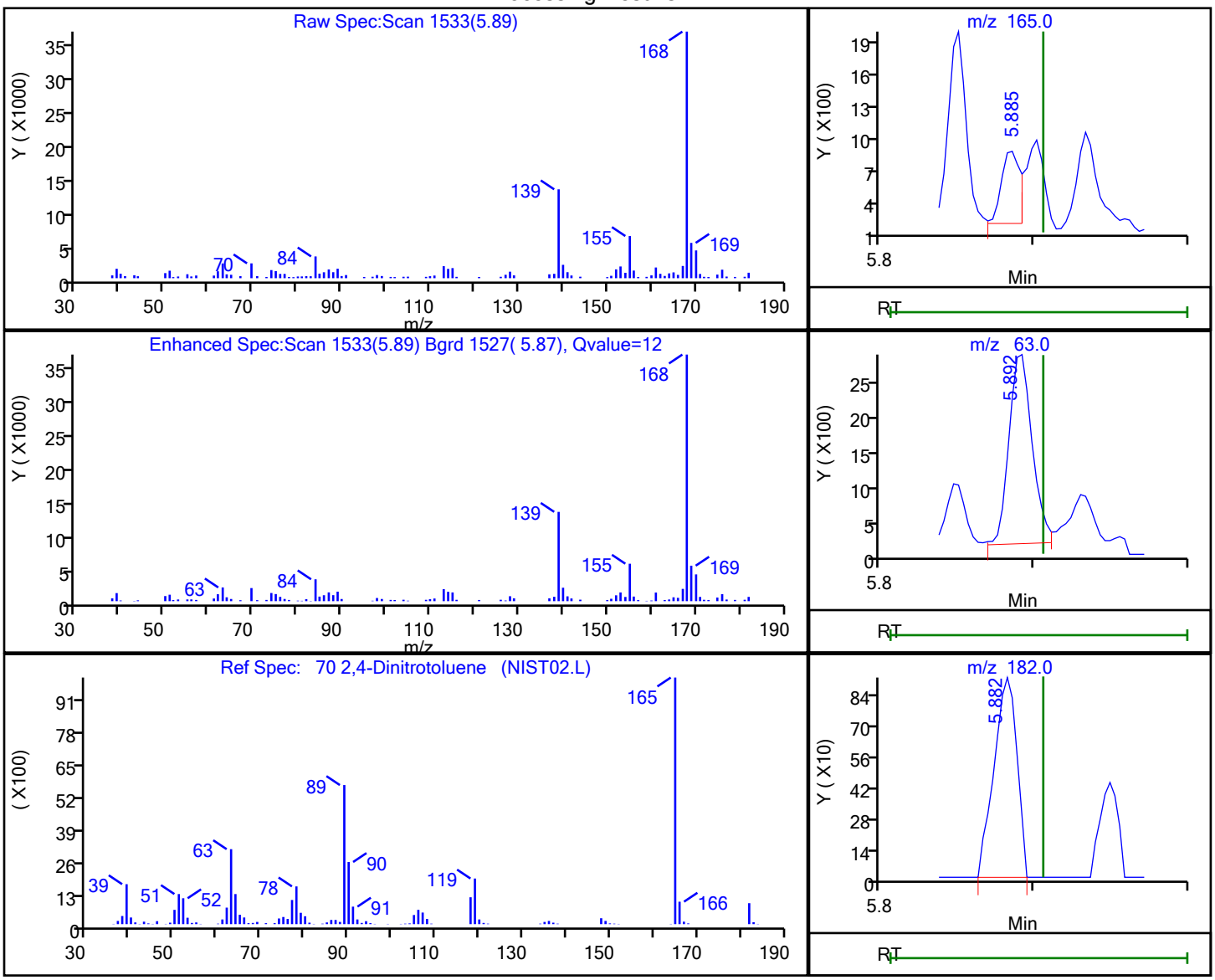
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 70 2,4-Dinitrotoluene, CAS: 121-14-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 165.00 | 547 | 0.155378 |
| 5.89 | 63.00 | 2827 | |
| 5.88 | 182.00 | 949 | |

Reviewer: G4KC, 09-Feb-2025 13:24:33 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

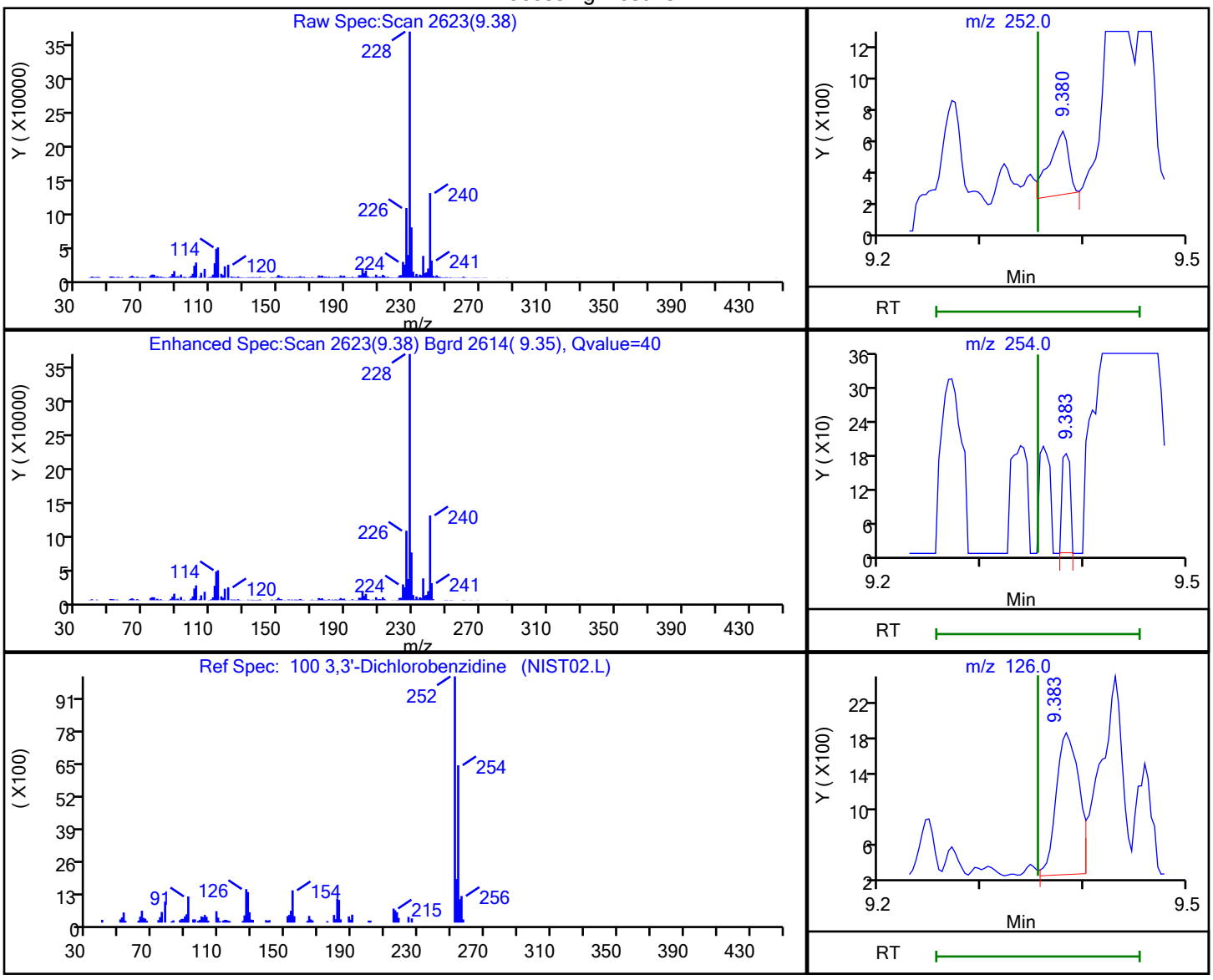
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.38 | 252.00 | 520 | 0.074347 |
| 9.38 | 254.00 | 98 | |
| 9.38 | 126.00 | 2463 | |

Reviewer: G4KC, 09-Feb-2025 13:24:43 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

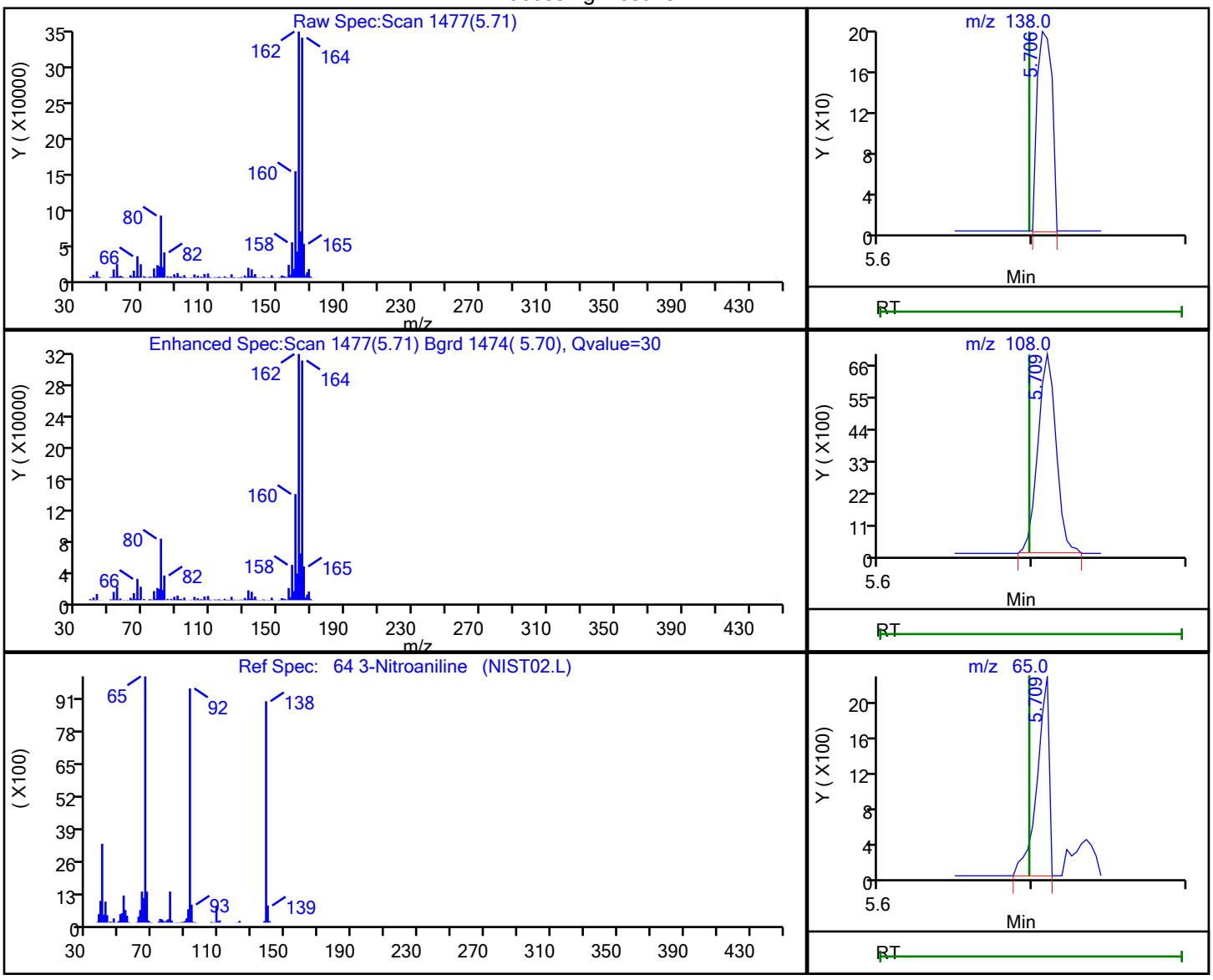
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 64 3-Nitroaniline, CAS: 99-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.71 | 138.00 | 131 | 0.044100 |
| 5.71 | 108.00 | 5816 | |
| 5.71 | 65.00 | 1216 | |

Reviewer: G4KC, 09-Feb-2025 13:24:31 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

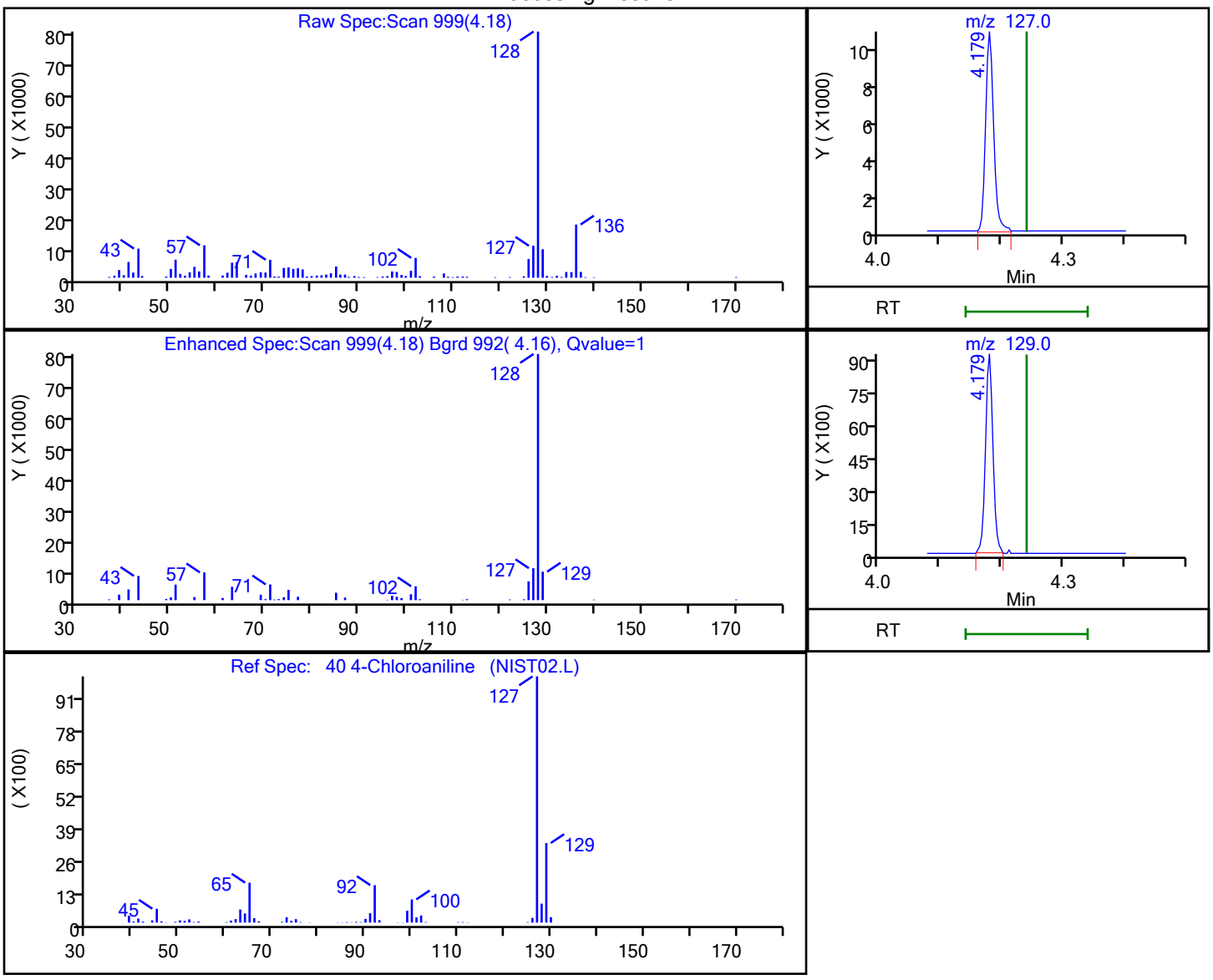
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 40 4-Chloroaniline, CAS: 106-47-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.18 | 127.00 | 9503 | 1.405369 |
| 4.18 | 129.00 | 7880 | |

Reviewer: U6BX, 09-Feb-2025 12:46:52 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

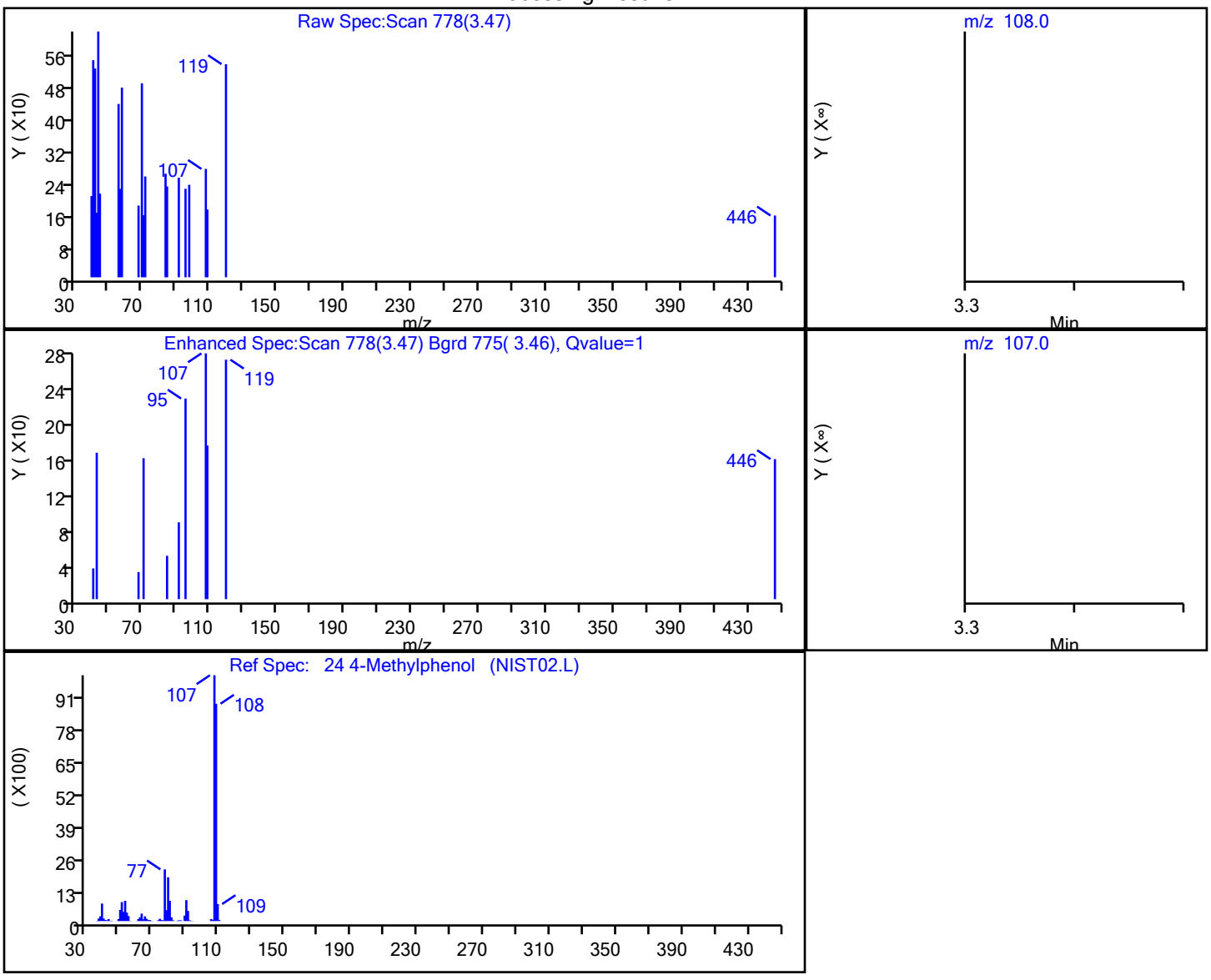
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 24 4-Methylphenol, CAS: 106-44-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.47 | 108.00 | 62 | 0.010842 |
| 3.48 | 107.00 | 253 | |

Reviewer: G4KC, 09-Feb-2025 13:24:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

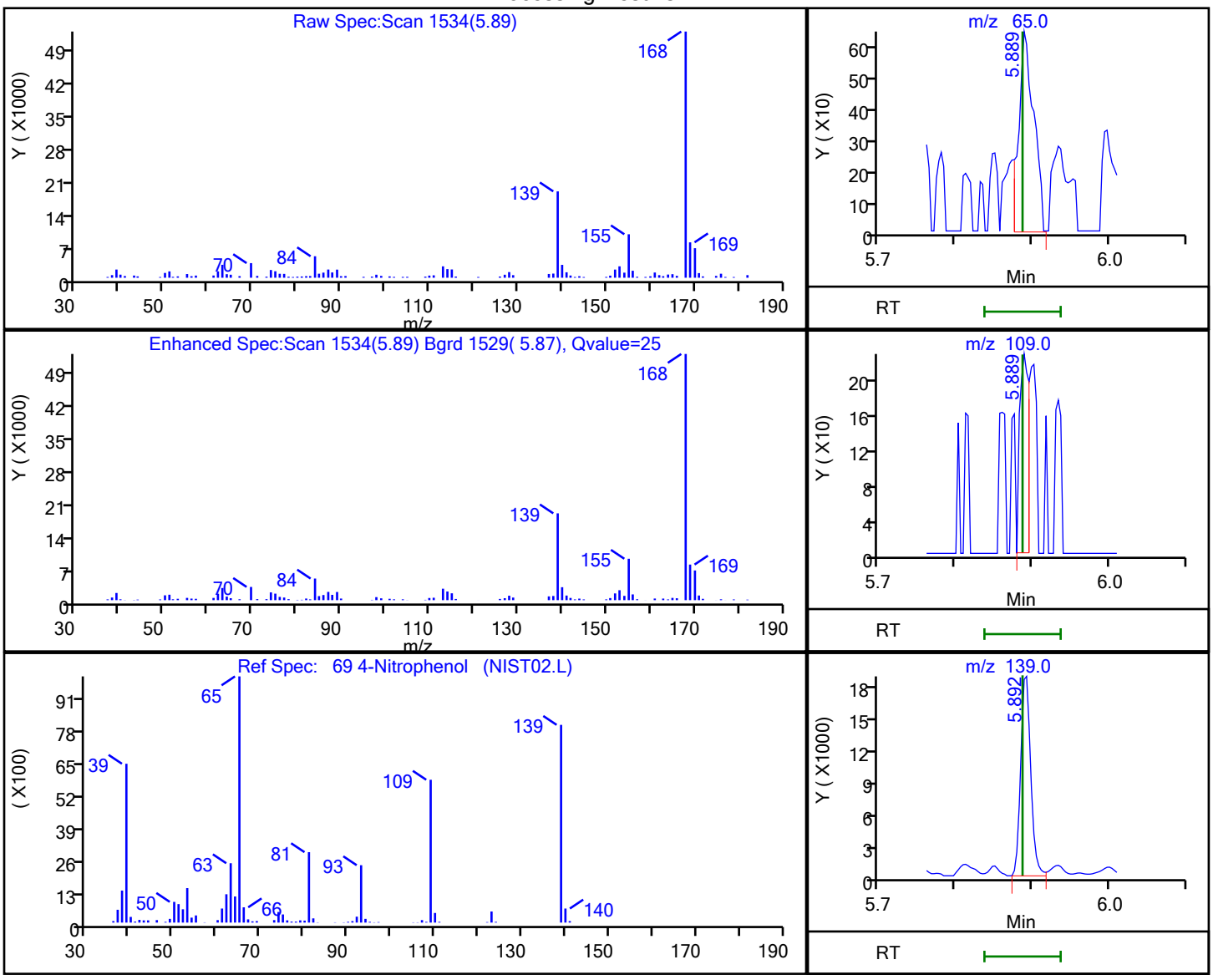
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 69 4-Nitrophenol, CAS: 100-02-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 65.00 | 874 | 0.403749 |
| 5.89 | 109.00 | 191 | |
| 5.89 | 139.00 | 17386 | |

Reviewer: G4KC, 09-Feb-2025 13:24:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

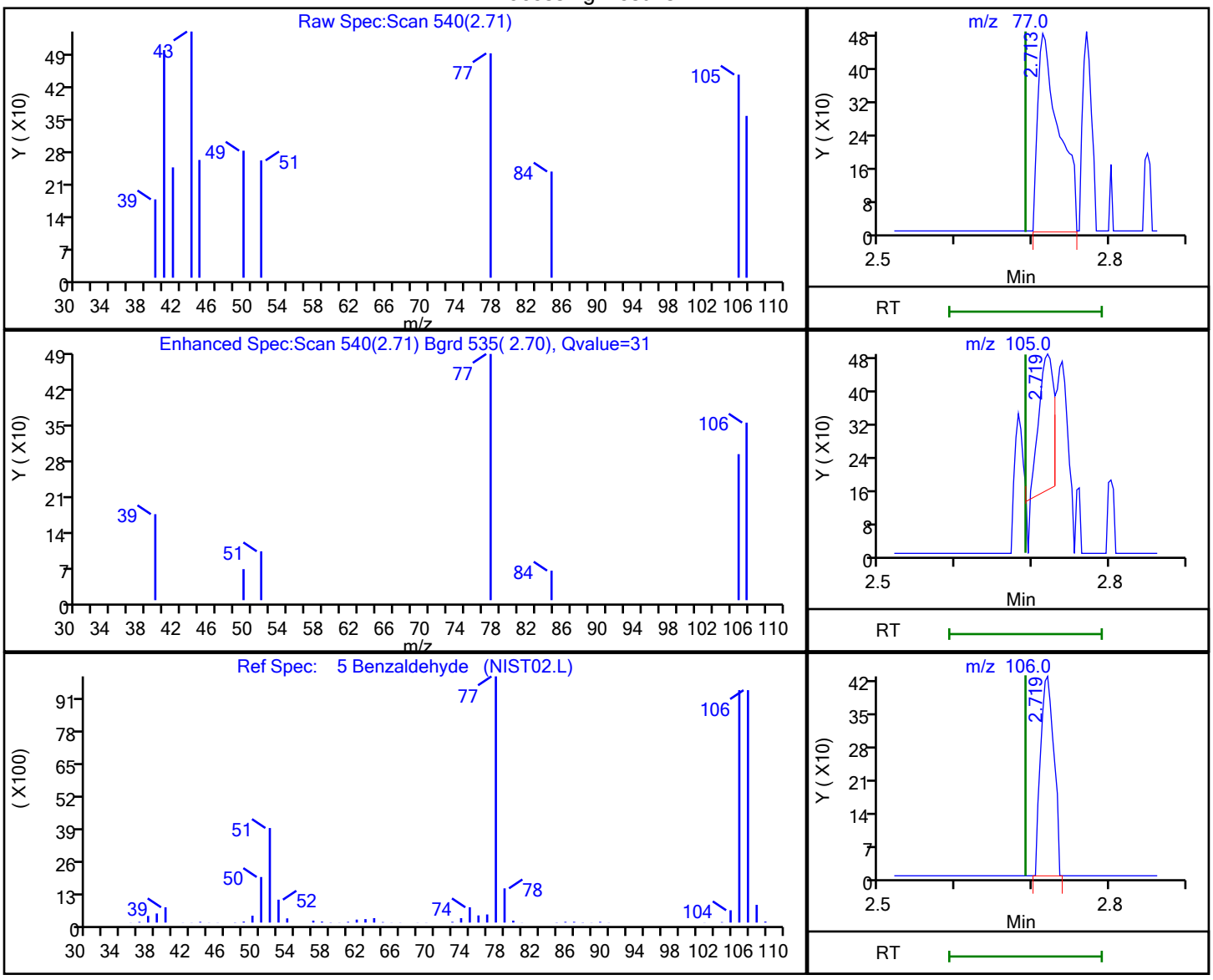
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 5 Benzaldehyde, CAS: 100-52-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.71 | 77.00 | 932 | 0.182752 |
| 2.72 | 105.00 | 430 | |
| 2.72 | 106.00 | 513 | |

Reviewer: G4KC, 09-Feb-2025 13:24:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

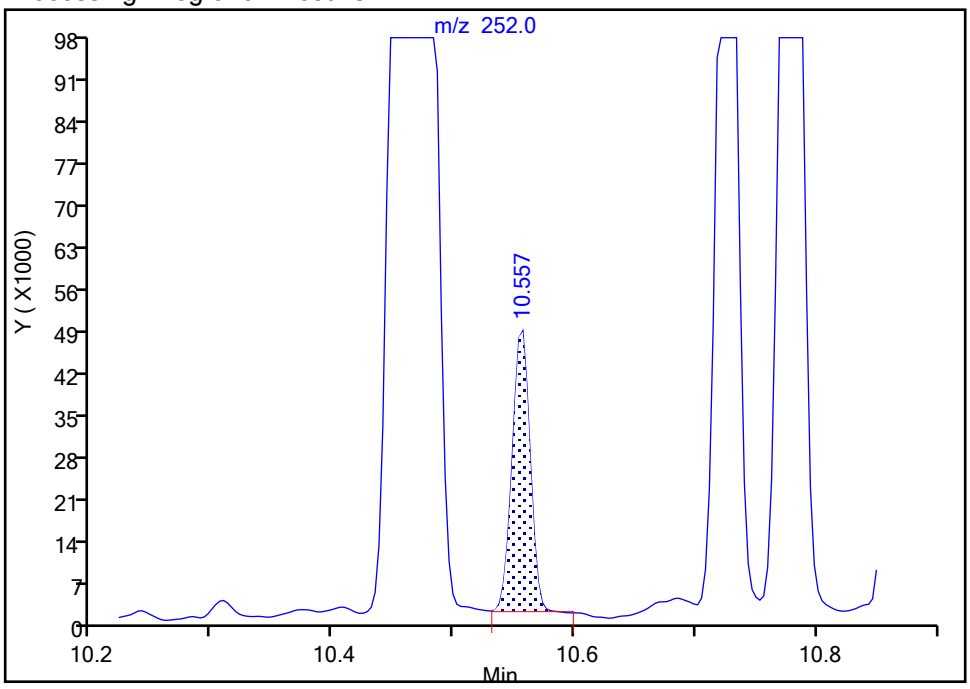
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

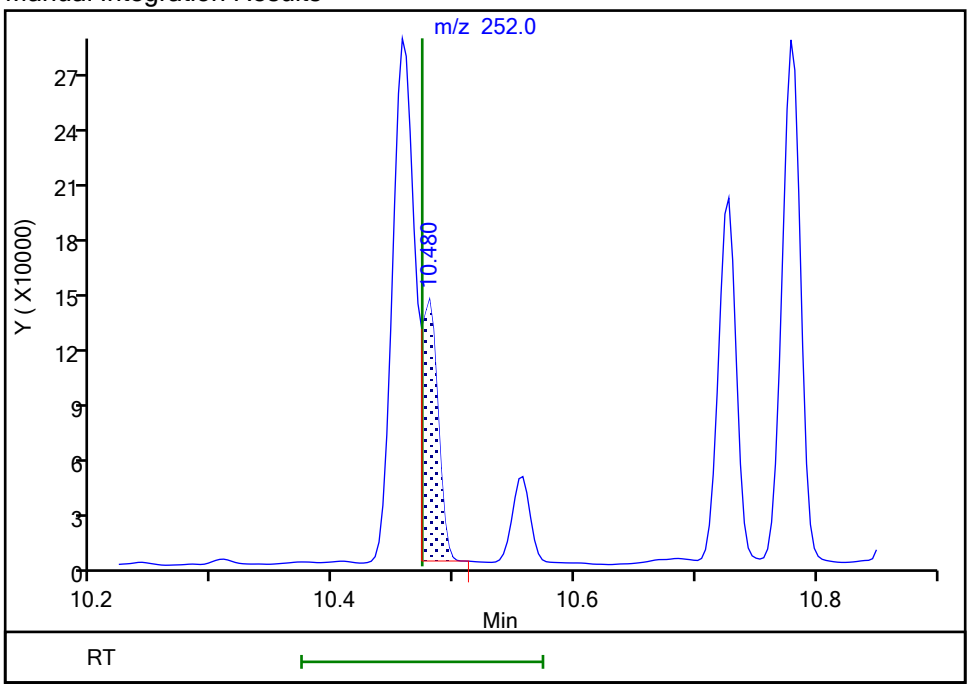
Processing Integration Results

RT: 10.56
Area: 49010
Amount: 2.537922
Amount Units: ug/ml




Manual Integration Results

RT: 10.48
Area: 135819
Amount: 7.033218
Amount Units: ug/ml




Reviewer: U6BX, 09-Feb-2025 12:47:22 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

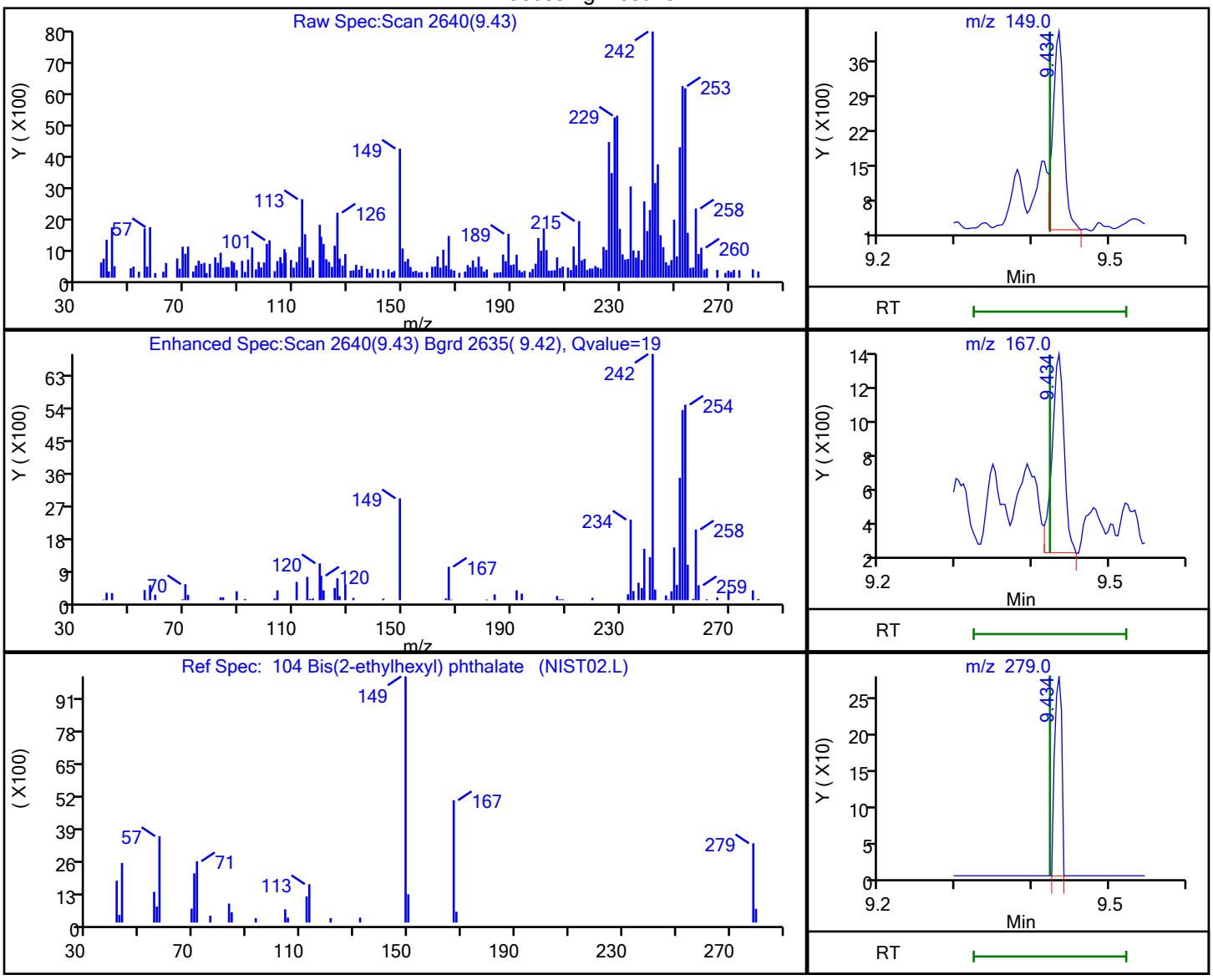
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.43 | 149.00 | 3969 | 0.348585 |
| 9.43 | 167.00 | 1237 | |
| 9.43 | 279.00 | 175 | |

Reviewer: G4KC, 09-Feb-2025 13:24:46 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

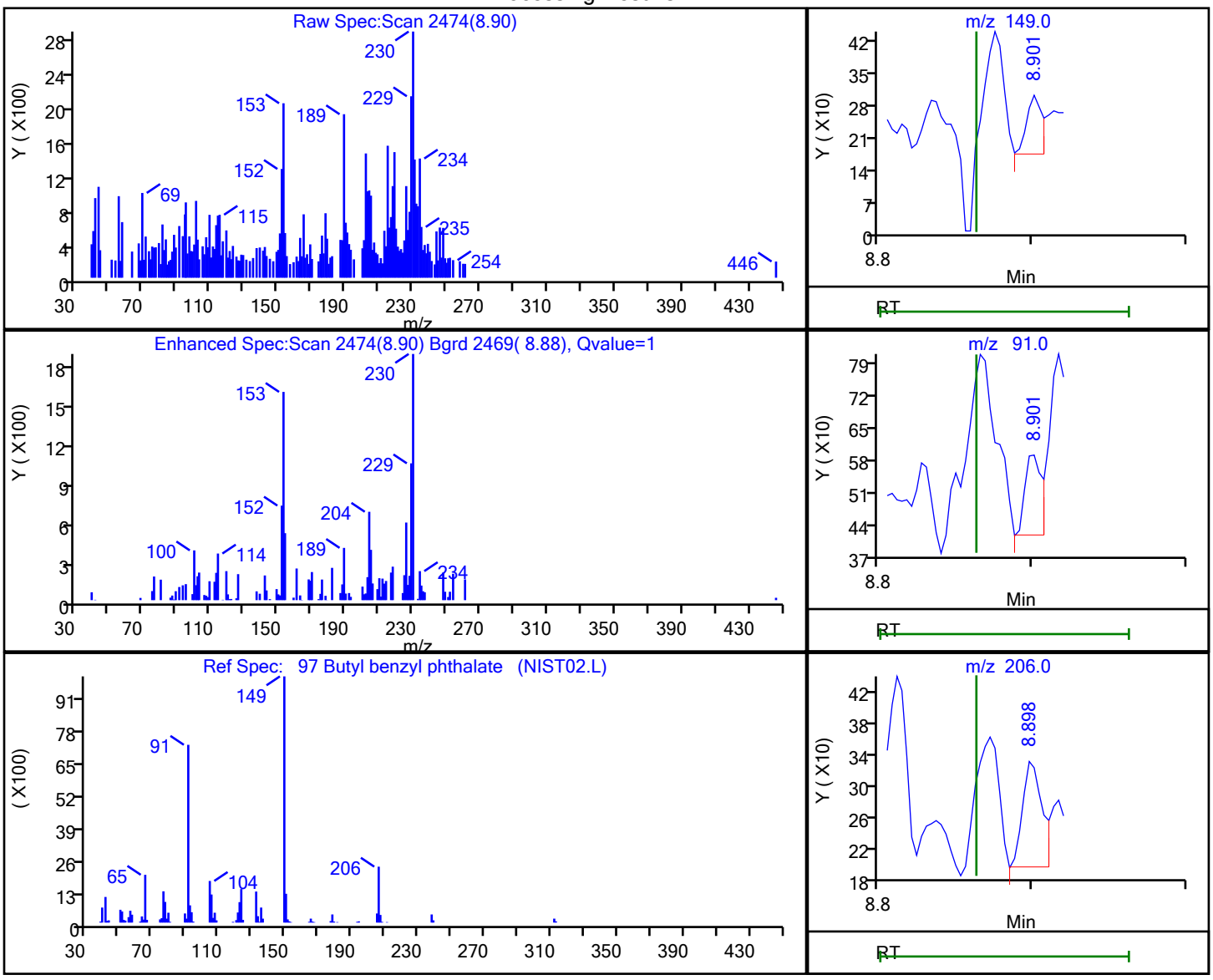
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 97 Butyl benzyl phthalate, CAS: 85-68-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.90 | 149.00 | 87 | 0.011056 |
| 8.90 | 91.00 | 138 | |
| 8.90 | 206.00 | 123 | |

Reviewer: G4KC, 09-Feb-2025 13:24:43 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

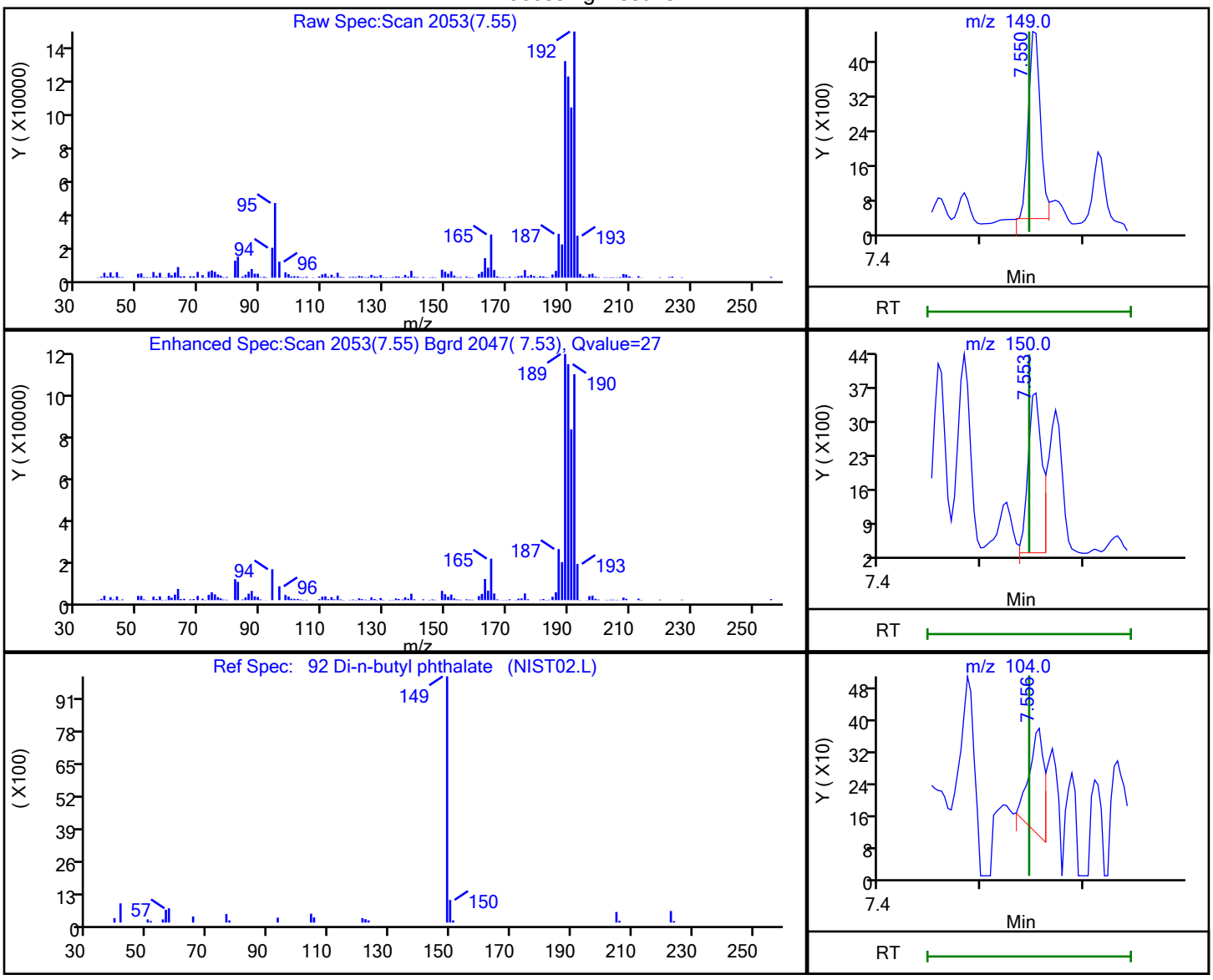
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Di-n-butyl phthalate, CAS: 84-74-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.55 | 149.00 | 3612 | 0.193328 |
| 7.55 | 150.00 | 3228 | |
| 7.56 | 104.00 | 273 | |

Reviewer: U6BX, 09-Feb-2025 12:47:11 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

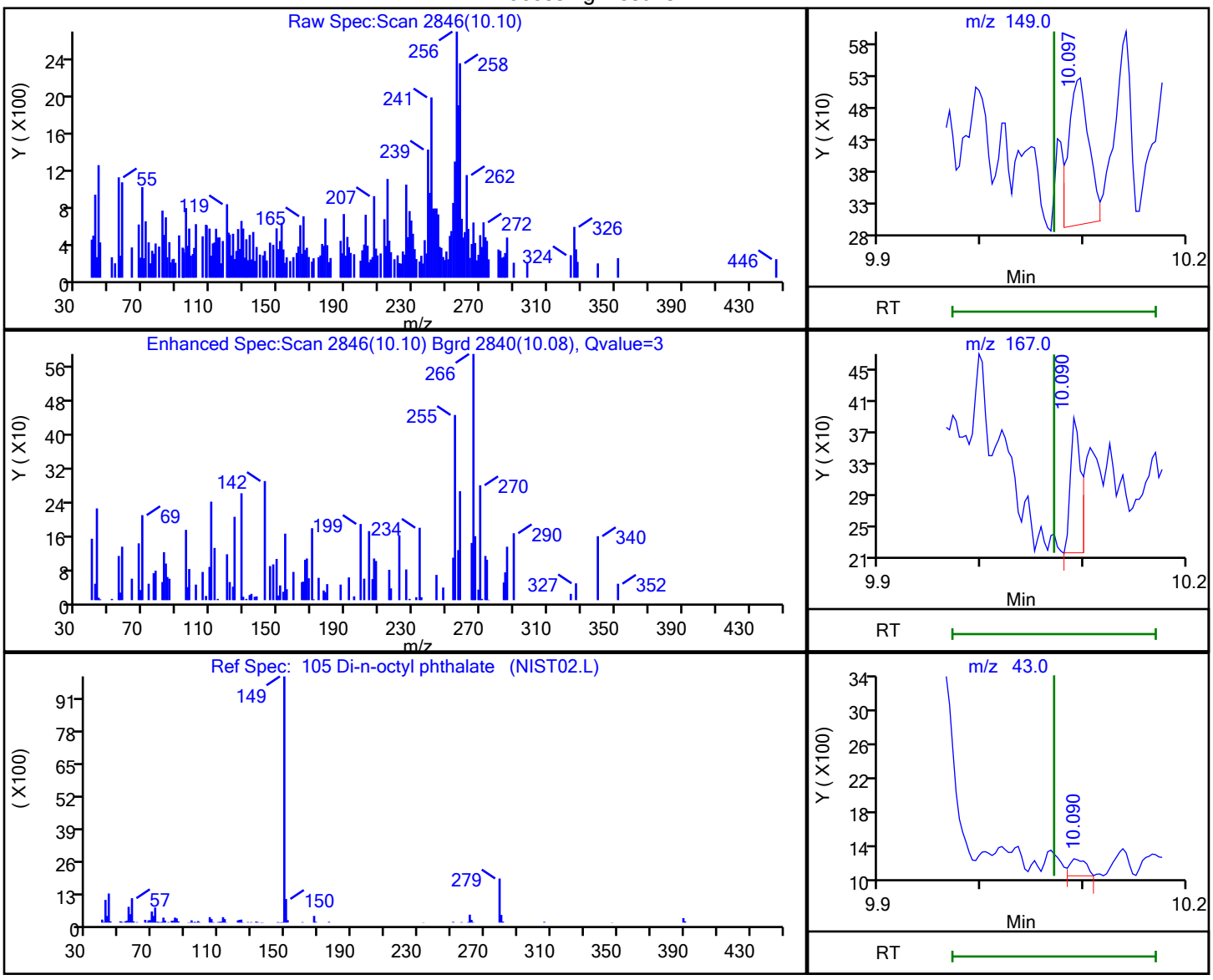
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.10 | 149.00 | 311 | 0.016062 |
| 10.09 | 167.00 | 123 | |
| 10.09 | 43.00 | 222 | |

Reviewer: G4KC, 09-Feb-2025 13:24:49 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

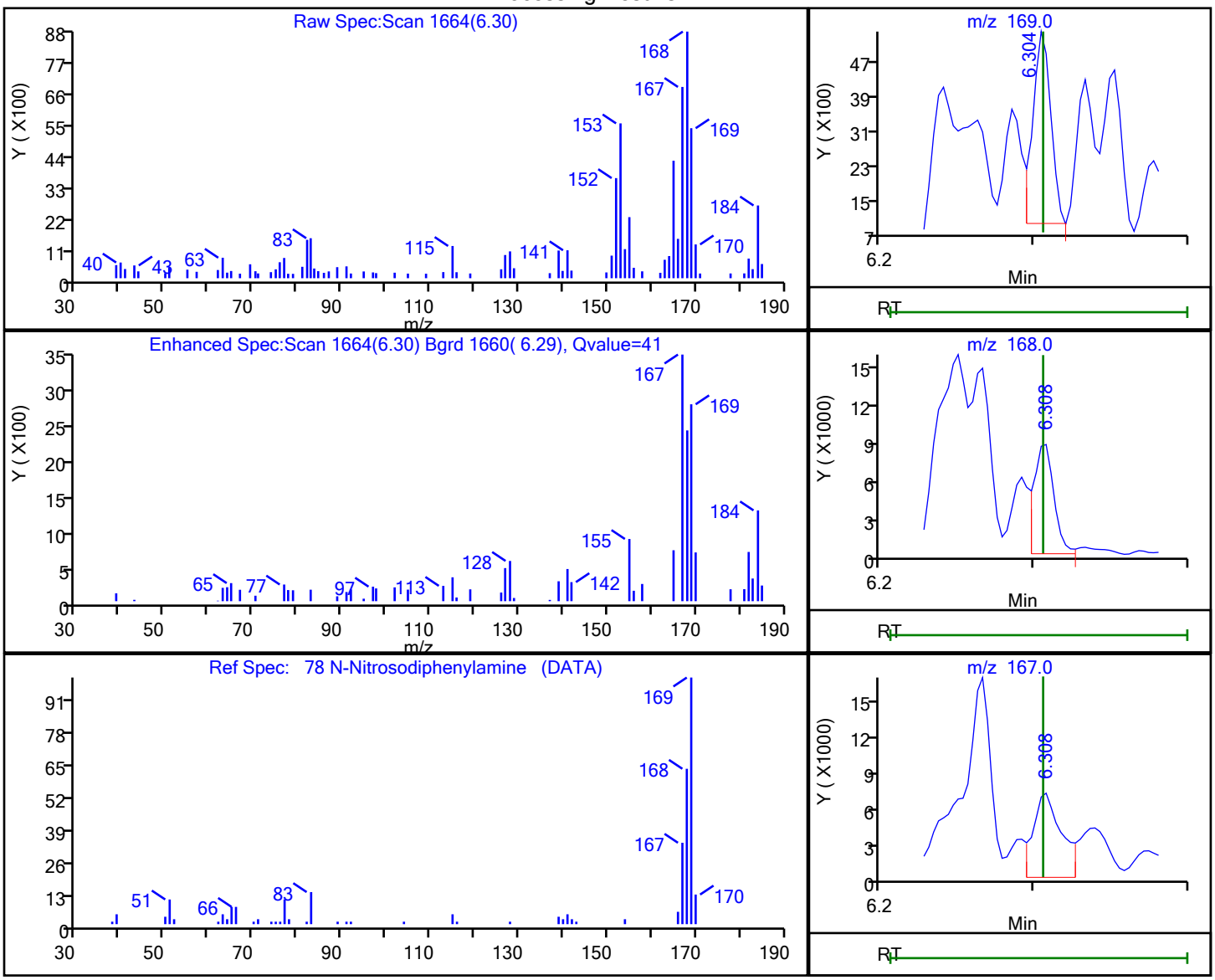
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62093.d | | | | |
| Injection Date: | 08-Feb-2025 20:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-4-C | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.30 | 169.00 | 3617 | 0.446244 |
| 6.31 | 168.00 | 7825 | |
| 6.31 | 167.00 | 9101 | |

Reviewer: U6BX, 09-Feb-2025 12:47:06 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: X62098.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:30

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 22:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.087 | J | 1.7 | 0.058 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 1.7 | U | 1.7 | 0.052 |
| 123-91-1 | 1,4-Dioxane | 0.17 | U | 0.17 | 0.15 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 1.7 | U | 1.7 | 0.10 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 1.7 | U | 1.7 | 0.11 |
| 95-95-4 | 2,4,5-Trichlorophenol | 1.7 | U | 1.7 | 0.17 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.68 | U | 0.68 | 0.22 |
| 120-83-2 | 2,4-Dichlorophenol | 0.68 | U | 0.68 | 0.11 |
| 105-67-9 | 2,4-Dimethylphenol | 1.7 | U | 1.7 | 0.20 |
| 51-28-5 | 2,4-Dinitrophenol | 1.4 | U | 1.4 | 0.83 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.34 | U | 0.34 | 0.18 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.34 | U | 0.34 | 0.12 |
| 91-58-7 | 2-Chloronaphthalene | 1.7 | U | 1.7 | 0.078 |
| 95-57-8 | 2-Chlorophenol | 1.7 | U | 1.7 | 0.060 |
| 91-57-6 | 2-Methylnaphthalene | 0.29 | J | 1.7 | 0.047 |
| 95-48-7 | 2-Methylphenol | 1.7 | U | 1.7 | 0.063 |
| 88-74-4 | 2-Nitroaniline | 1.7 | U | 1.7 | 0.13 |
| 88-75-5 | 2-Nitrophenol | 1.7 | U | 1.7 | 0.17 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.68 | U | 0.68 | 0.25 |
| 99-09-2 | 3-Nitroaniline | 1.7 | U | 1.7 | 0.40 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 1.4 | U | 1.4 | 0.69 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 1.7 | U | 1.7 | 0.067 |
| 59-50-7 | 4-Chloro-3-methylphenol | 1.7 | U | 1.7 | 0.094 |
| 106-47-8 | 4-Chloroaniline | 1.7 | U | 1.7 | 0.30 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 1.7 | U | 1.7 | 0.059 |
| 106-44-5 | 4-Methylphenol | 1.7 | U | 1.7 | 0.11 |
| 100-01-6 | 4-Nitroaniline | 1.7 | U | 1.7 | 0.19 |
| 100-02-7 | 4-Nitrophenol | 3.4 | U | 3.4 | 0.27 |
| 83-32-9 | Acenaphthene | 0.43 | J | 1.7 | 0.048 |
| 208-96-8 | Acenaphthylene | 1.4 | J | 1.7 | 0.048 |
| 98-86-2 | Acetophenone | 1.7 | U | 1.7 | 0.083 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: X62098.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:30

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 22:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 1.9 | | 1.7 | 0.051 |
| 1912-24-9 | Atrazine | 0.68 | U | 0.68 | 0.099 |
| 100-52-7 | Benzaldehyde | 1.7 | U | 1.7 | 0.28 |
| 56-55-3 | Benzo[a]anthracene | 6.2 | | 0.17 | 0.13 |
| 50-32-8 | Benzo[a]pyrene | 7.9 | | 0.17 | 0.045 |
| 205-99-2 | Benzo[b]fluoranthene | 9.4 | | 0.17 | 0.044 |
| 191-24-2 | Benzo[g,h,i]perylene | 4.8 | | 1.7 | 0.050 |
| 207-08-9 | Benzo[k]fluoranthene | 3.3 | | 0.17 | 0.033 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 1.7 | U | 1.7 | 0.13 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.17 | U | 0.17 | 0.059 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 1.7 | U | 1.7 | 0.089 |
| 85-68-7 | Butyl benzyl phthalate | 1.7 | U | 1.7 | 0.079 |
| 105-60-2 | Caprolactam | 1.7 | U | 1.7 | 0.26 |
| 86-74-8 | Carbazole | 0.82 | J | 1.7 | 0.064 |
| 218-01-9 | Chrysene | 6.2 | | 1.7 | 0.071 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.2 | | 0.17 | 0.073 |
| 132-64-9 | Dibenzofuran | 0.47 | J | 1.7 | 0.056 |
| 84-66-2 | Diethyl phthalate | 1.7 | U | 1.7 | 0.054 |
| 131-11-3 | Dimethyl phthalate | 1.7 | U | 1.7 | 0.38 |
| 84-74-2 | Di-n-butyl phthalate | 1.7 | U | 1.7 | 0.063 |
| 117-84-0 | Di-n-octyl phthalate | 1.7 | U | 1.7 | 0.089 |
| 206-44-0 | Fluoranthene | 12 | | 1.7 | 0.059 |
| 86-73-7 | Fluorene | 0.56 | J | 1.7 | 0.049 |
| 118-74-1 | Hexachlorobenzene | 0.17 | U | 0.17 | 0.080 |
| 87-68-3 | Hexachlorobutadiene | 0.34 | U | 0.34 | 0.036 |
| 77-47-4 | Hexachlorocyclopentadiene | 1.7 | U | 1.7 | 0.15 |
| 67-72-1 | Hexachloroethane | 0.17 | U | 0.17 | 0.058 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 3.7 | | 0.17 | 0.066 |
| 78-59-1 | Isophorone | 0.68 | U | 0.68 | 0.49 |
| 91-20-3 | Naphthalene | 0.65 | J | 1.7 | 0.029 |
| 98-95-3 | Nitrobenzene | 0.17 | U | 0.17 | 0.093 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: X62098.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:30

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.07(g) | Date Analyzed: 02/08/2025 22:31

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.17 | U | 0.17 | 0.12 |
| 86-30-6 | N-Nitrosodiphenylamine | 1.7 | U | 1.7 | 0.14 |
| 87-86-5 | Pentachlorophenol | 1.4 | U | 1.4 | 0.34 |
| 85-01-8 | Phenanthrene | 7.9 | | 1.7 | 0.069 |
| 108-95-2 | Phenol | 1.7 | U | 1.7 | 0.062 |
| 129-00-0 | Pyrene | 12 | | 1.7 | 0.042 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 76 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 75 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 69 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 69 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 71 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 77 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d
Lims ID: 460-319954-E-5-C
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 22:31:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0186684-027
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:29:06 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 09-Feb-2025 12:54:03

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.068 | 2.055 | 0.013 | 94 | 32803 | 6.93 | |
| $ 6 Phenol-d5 | 99 | 2.776 | 2.767 | 0.009 | 98 | 43977 | 7.14 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.045 | 3.042 | 0.003 | 95 | 153261 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.527 | 3.527 | 0.000 | 86 | 38927 | 6.85 | |
| * 38 Naphthalene-d8 | 136 | 4.162 | 4.157 | 0.005 | 99 | 591630 | 40.0 | |
| 39 Naphthalene | 128 | 4.178 | 4.182 | 0.002 | 77 | 28856 | 1.93 | |
| 44 2-Methylnaphthalene | 142 | 4.798 | 4.797 | 0.006 | 82 | 8669 | 0.8683 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.127 | 5.122 | 0.005 | 97 | 89554 | 7.50 | |
| 52 1,1'-Biphenyl | 154 | 5.214 | 5.208 | 0.006 | 53 | 3146 | 0.2561 | |
| 61 Acenaphthylene | 152 | 5.585 | 5.583 | 0.006 | 97 | 59889 | 4.19 | |
| * 65 Acenaphthene-d10 | 164 | 5.713 | 5.704 | 0.009 | 96 | 317792 | 40.0 | |
| 67 Acenaphthene | 154 | 5.738 | 5.733 | 0.005 | 67 | 10960 | 1.26 | |
| 71 Dibenzofuran | 168 | 5.895 | 5.891 | 0.009 | 91 | 18507 | 1.38 | |
| 75 Fluorene | 166 | 6.193 | 6.192 | 0.006 | 93 | 17325 | 1.64 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.410 | 6.402 | 0.008 | 89 | 19658 | 7.64 | |
| * 88 Phenanthrene-d10 | 188 | 7.016 | 7.006 | 0.010 | 98 | 624491 | 40.0 | |
| 89 Phenanthrene | 178 | 7.035 | 7.029 | 0.006 | 96 | 363831 | 23.4 | |
| 90 Anthracene | 178 | 7.080 | 7.104 | 0.007 | 98 | 89269 | 5.56 | |
| 91 Carbazole | 167 | 7.234 | 7.228 | 0.010 | 80 | 35021 | 2.43 | |
| 93 Fluoranthene | 202 | 8.084 | 8.102 | 0.014 | 97 | 617923 | 35.1 | |
| 95 Pyrene | 202 | 8.284 | 8.274 | 0.016 | 97 | 672720 | 36.5 | |
| $ 96 Terphenyl-d14 | 244 | 8.428 | 8.416 | 0.012 | 94 | 128416 | 7.72 | |
| 101 Benzo[a]anthracene | 228 | 9.384 | 9.368 | 0.016 | 99 | 335480 | 18.3 | |
| * 102 Chrysene-d12 | 240 | 9.394 | 9.378 | 0.016 | 99 | 559356 | 40.0 | |
| 103 Chrysene | 228 | 9.420 | 9.408 | 0.017 | 95 | 324155 | 18.2 | |
| 106 Benzo[b]fluoranthene | 252 | 10.464 | 10.458 | 0.019 | 96 | 468850 | 27.7 | |
| 107 Benzo[k]fluoranthene | 252 | 10.483 | 10.483 | 0.010 | 1 | 178139 | 9.84 | M |
| 108 Benzo[a]pyrene | 252 | 10.787 | 10.767 | 0.020 | 96 | 363467 | 23.4 | |
| * 109 Perylene-d12 | 264 | 10.845 | 10.822 | 0.023 | 98 | 612517 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.962 | 11.959 | 0.019 | 98 | 222650 | 10.8 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.968 | 11.968 | 0.009 | 43 | 59708 | 3.51 | a |
| 112 Benzo[g,h,i]perylene | 276 | 12.269 | 12.266 | 0.019 | 93 | 217772 | 14.1 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

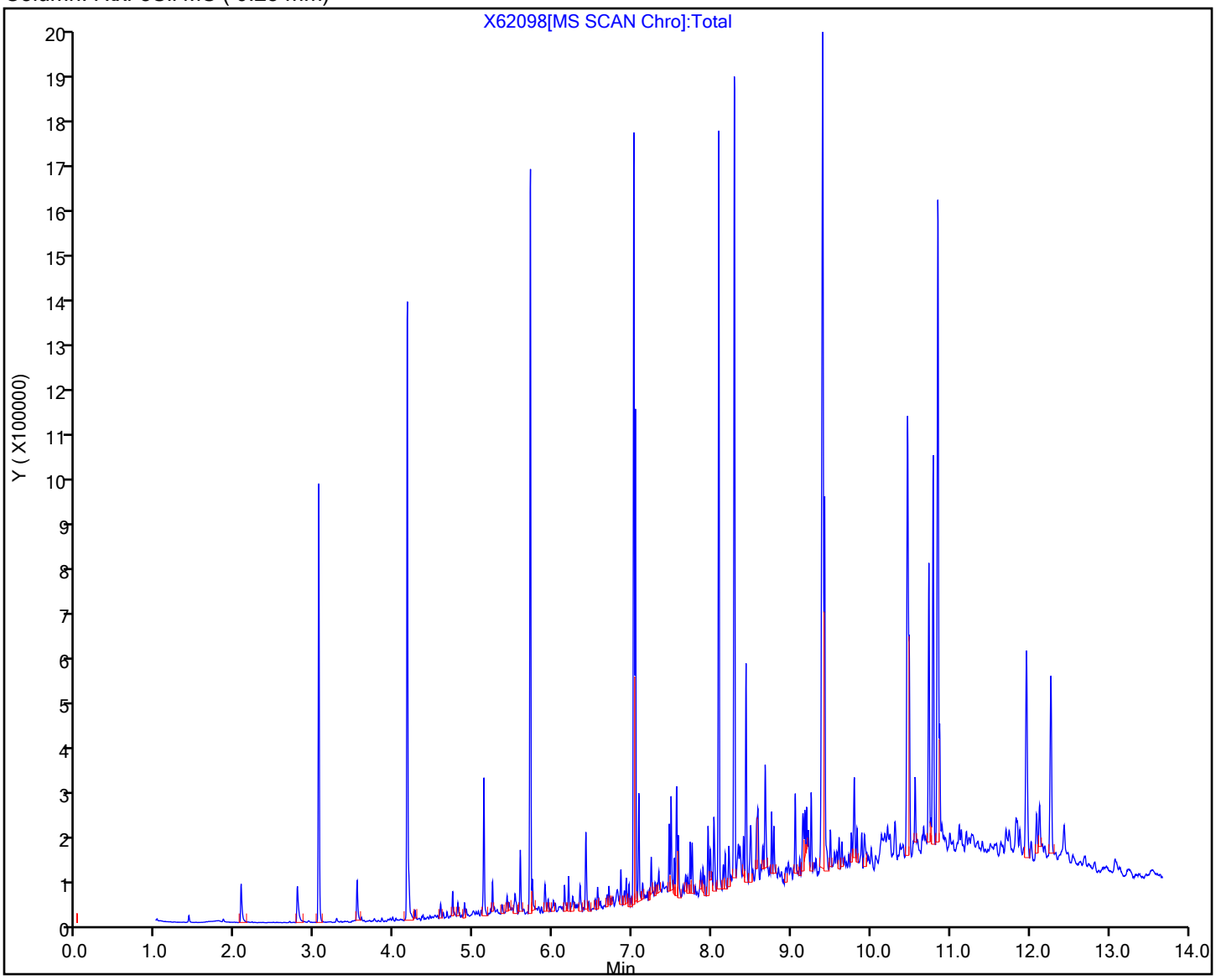
Report Date: 09-Feb-2025 13:29:06 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d
Lims ID: 460-319954-E-5-C
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 08-Feb-2025 22:31:30 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0186684-027
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:29:06 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

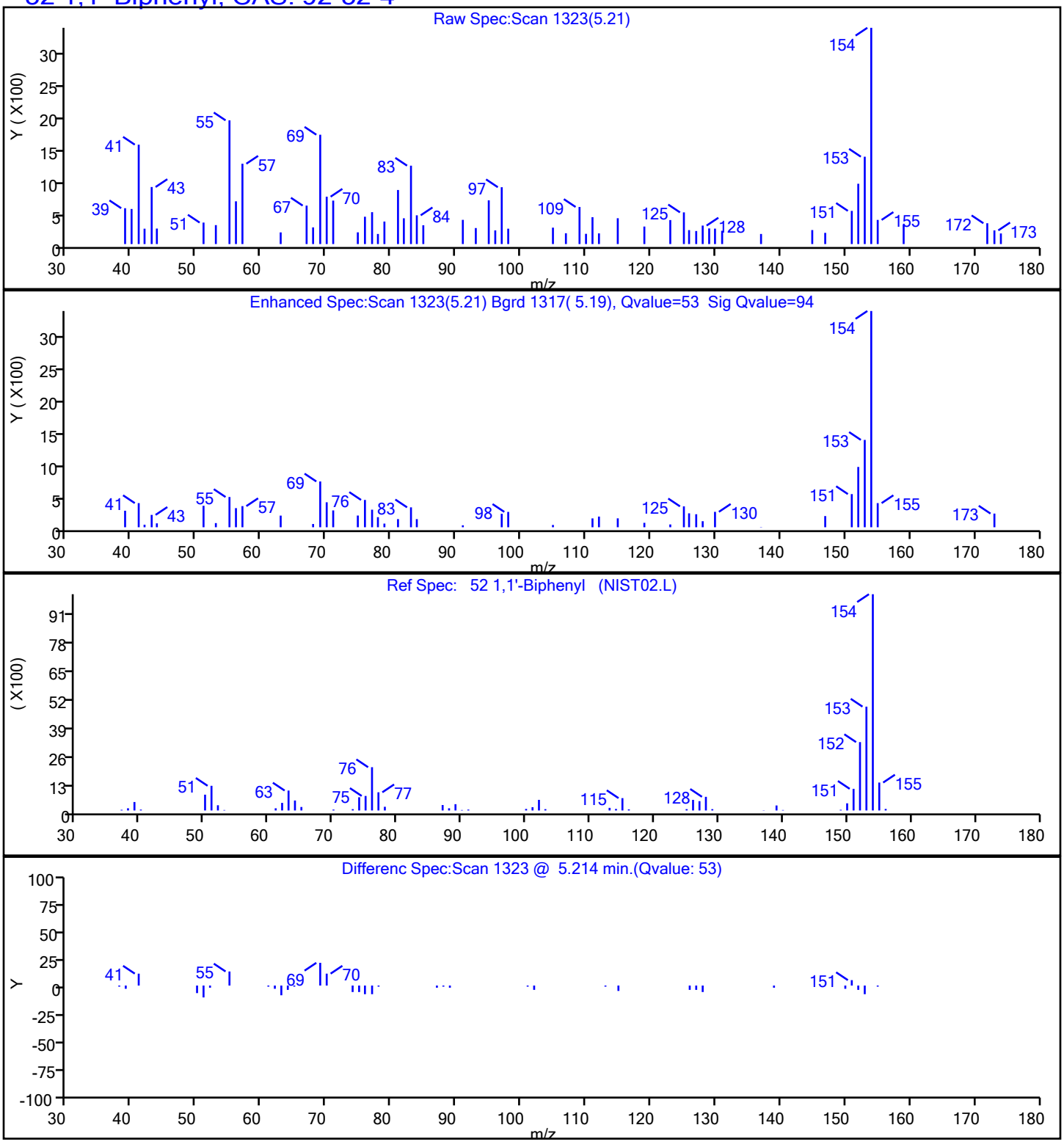
First Level Reviewer: U6BX Date: 09-Feb-2025 12:54:03

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 6.93 | 69.31 |
| $ 6 Phenol-d5 | 50.0 | 7.14 | 71.43 |
| $ 26 Nitrobenzene-d5 | 50.0 | 6.85 | 68.52 |
| $ 51 2-Fluorobiphenyl | 50.0 | 7.50 | 75.05 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 7.64 | 76.40 |
| $ 96 Terphenyl-d14 | 50.0 | 7.72 | 77.25 |

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

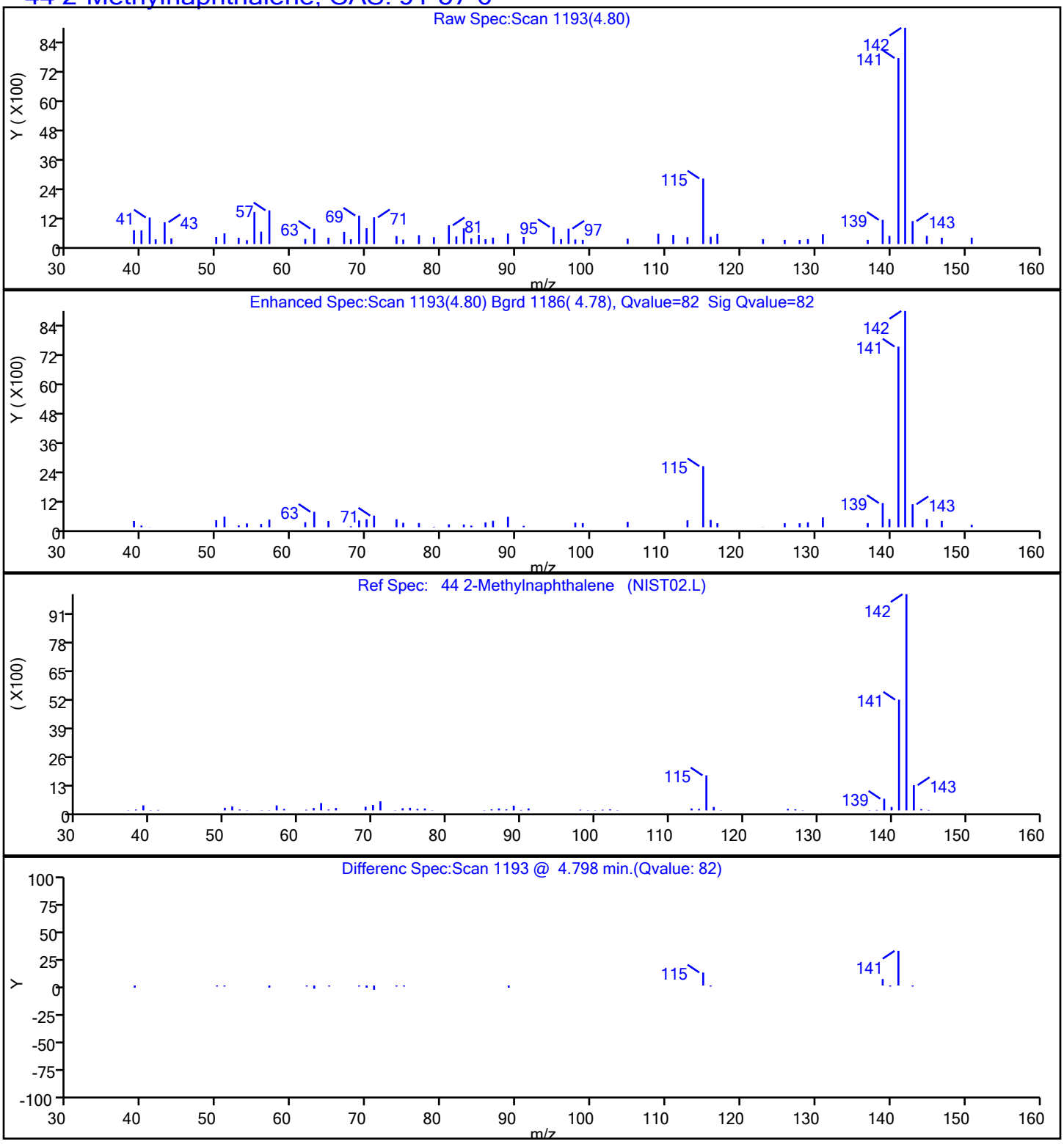
## 52 1,1'-Biphenyl, CAS: 92-52-4



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

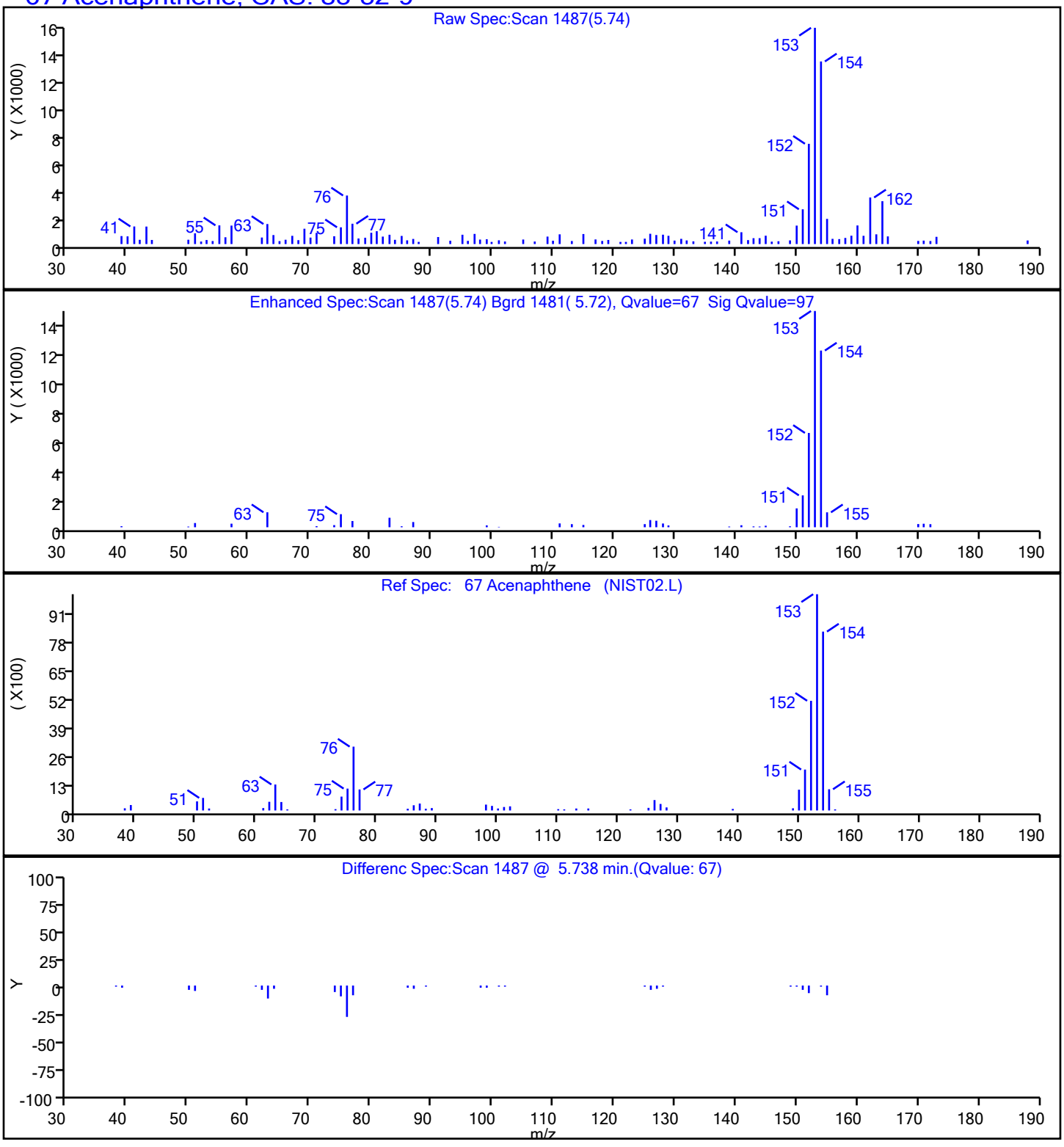
## 44 2-Methylnaphthalene, CAS: 91-57-6



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

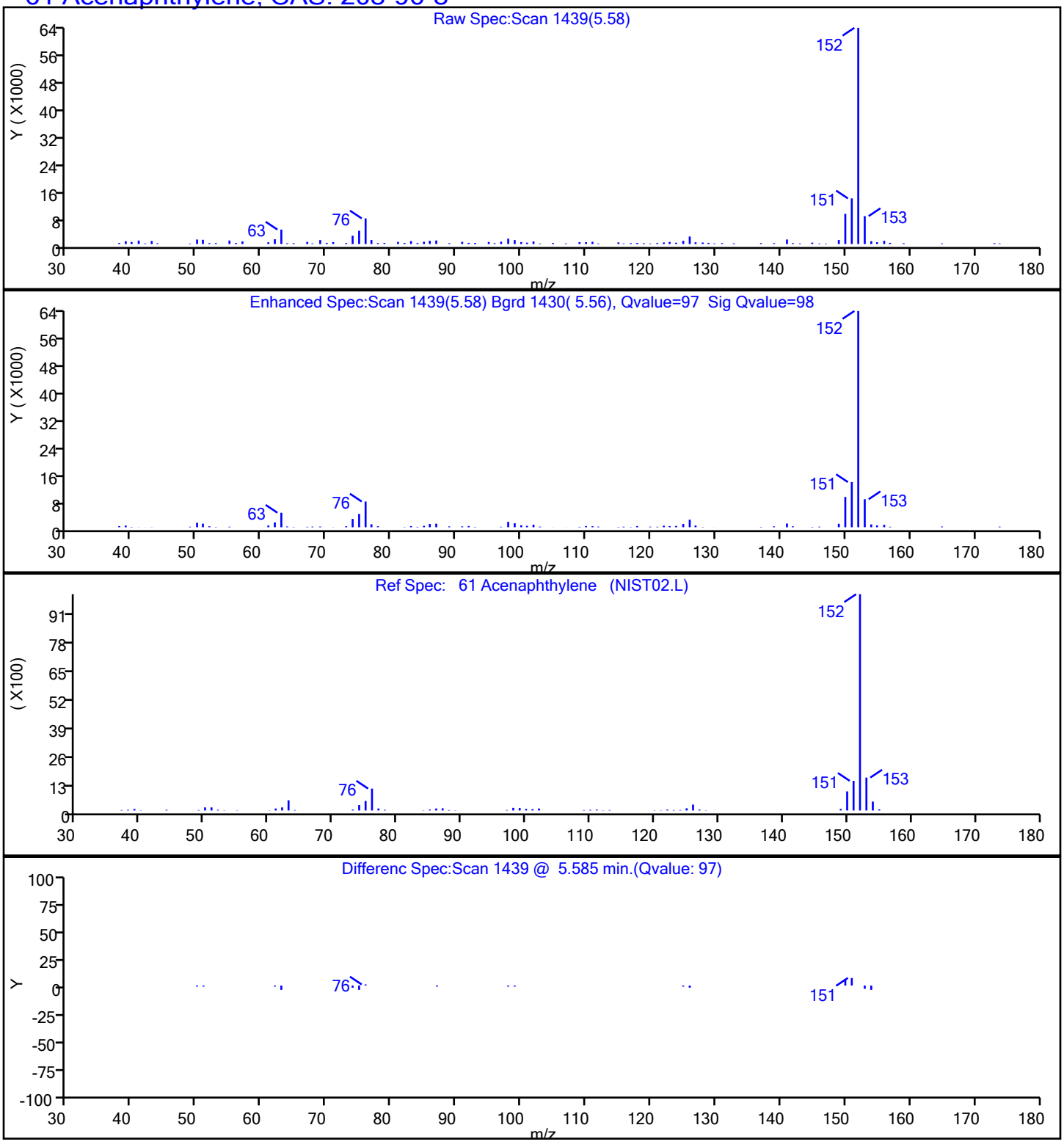
## 67 Acenaphthene, CAS: 83-32-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

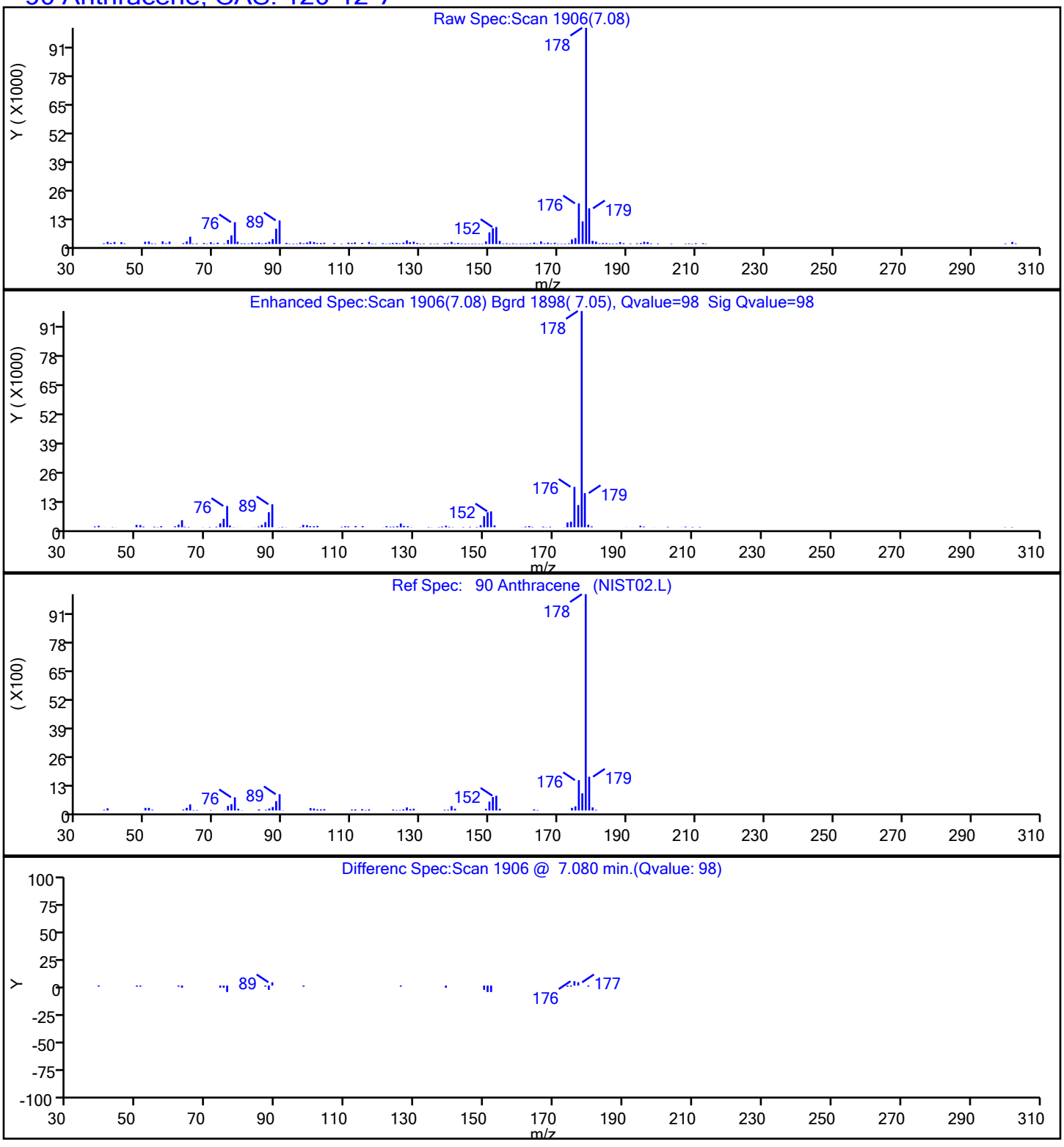
## 61 Acenaphthylene, CAS: 208-96-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7



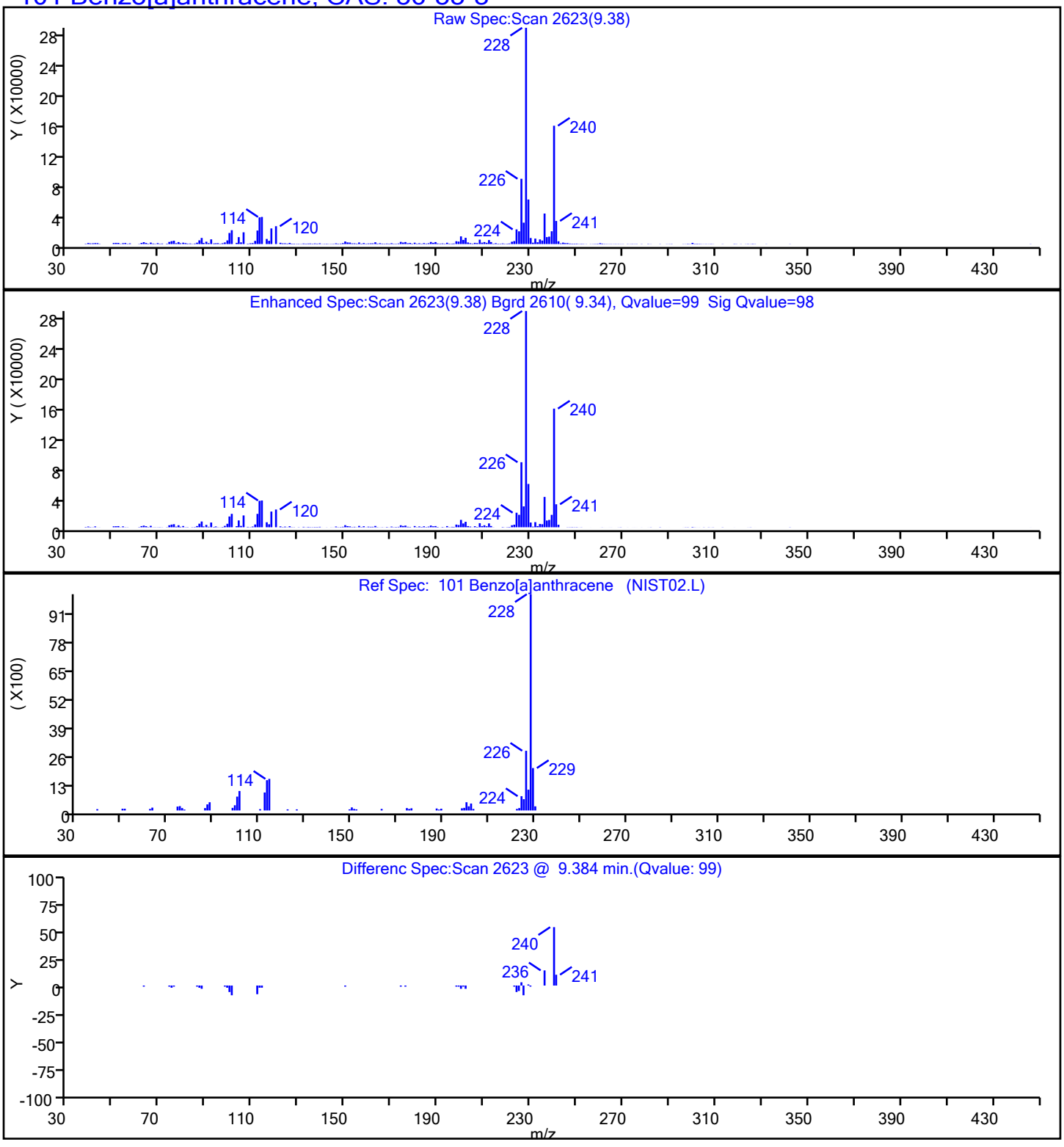
Report Date: 09-Feb-2025 13:29:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3



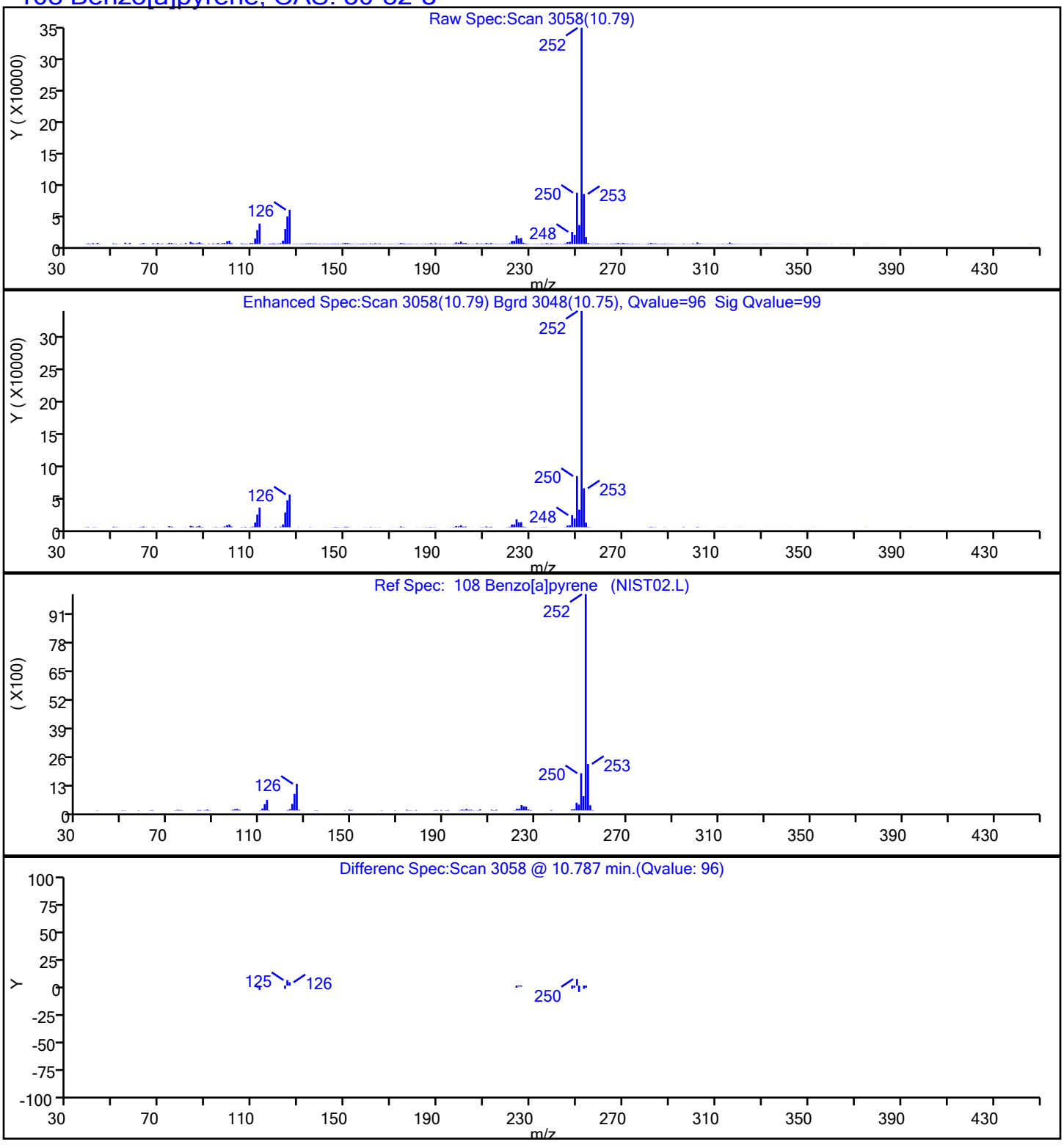
Report Date: 09-Feb-2025 13:29:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8



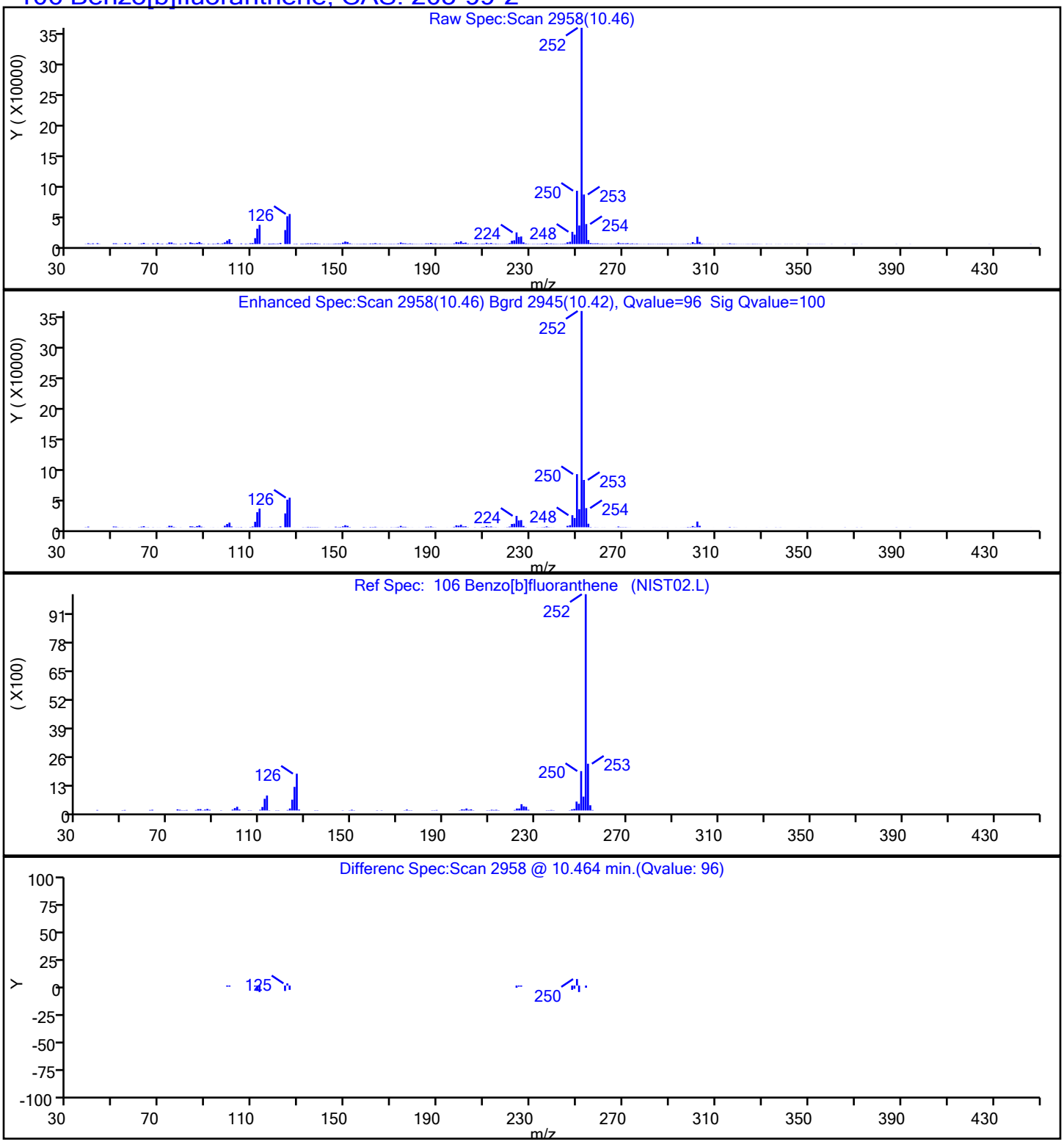
Report Date: 09-Feb-2025 13:29:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

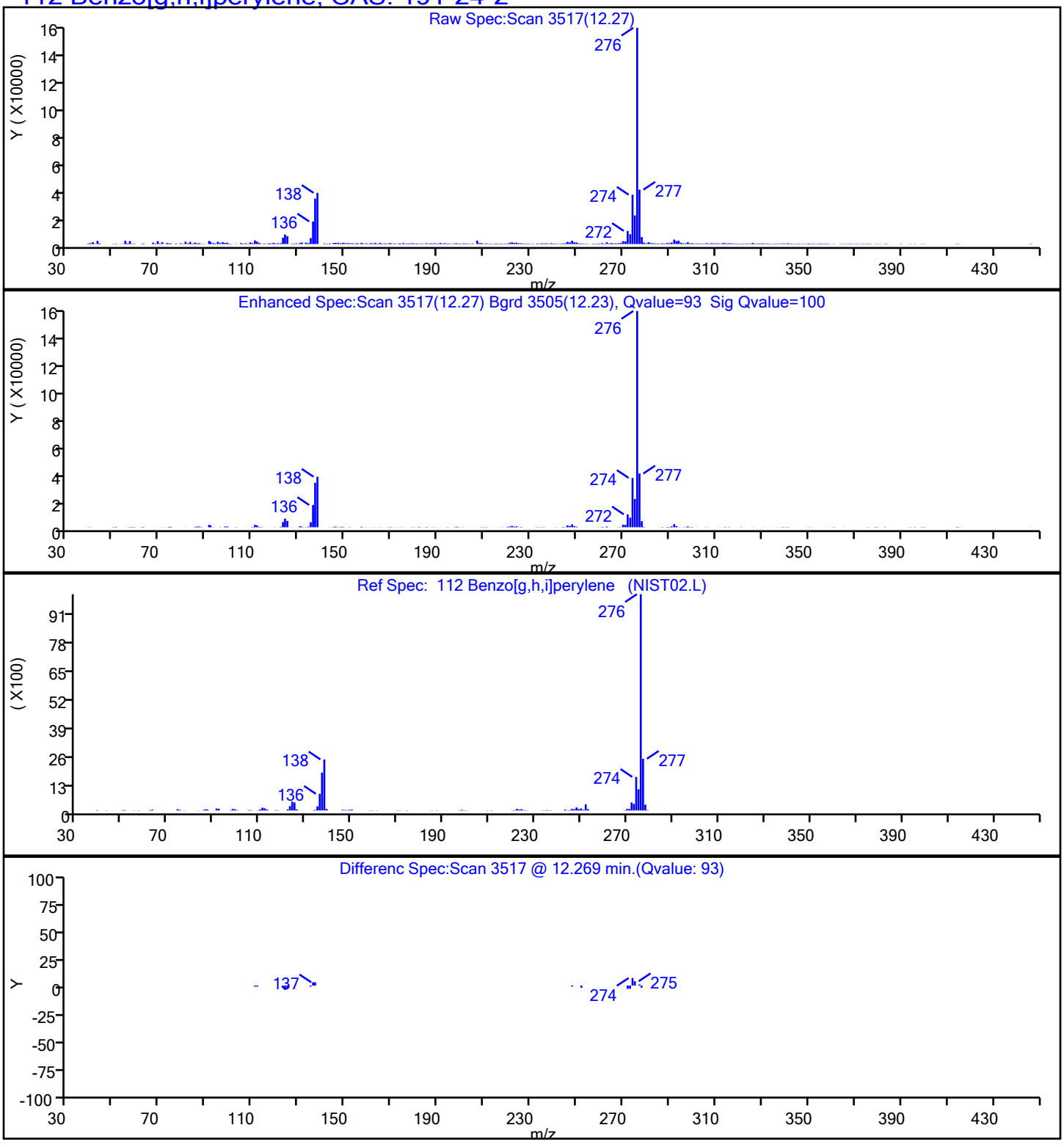
## 106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

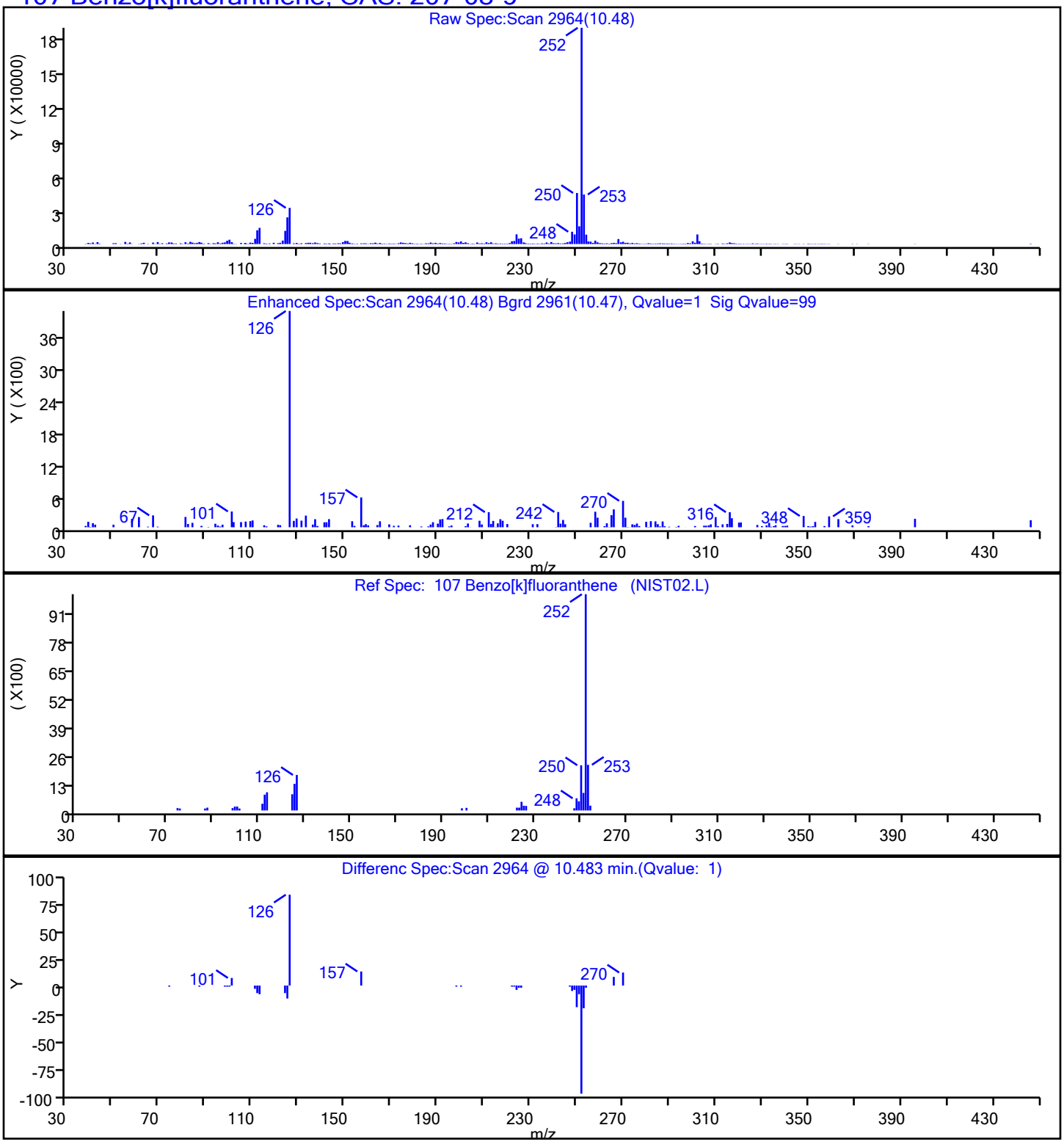
## 112 Benzo[g,h,i]perylene, CAS: 191-24-2



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9



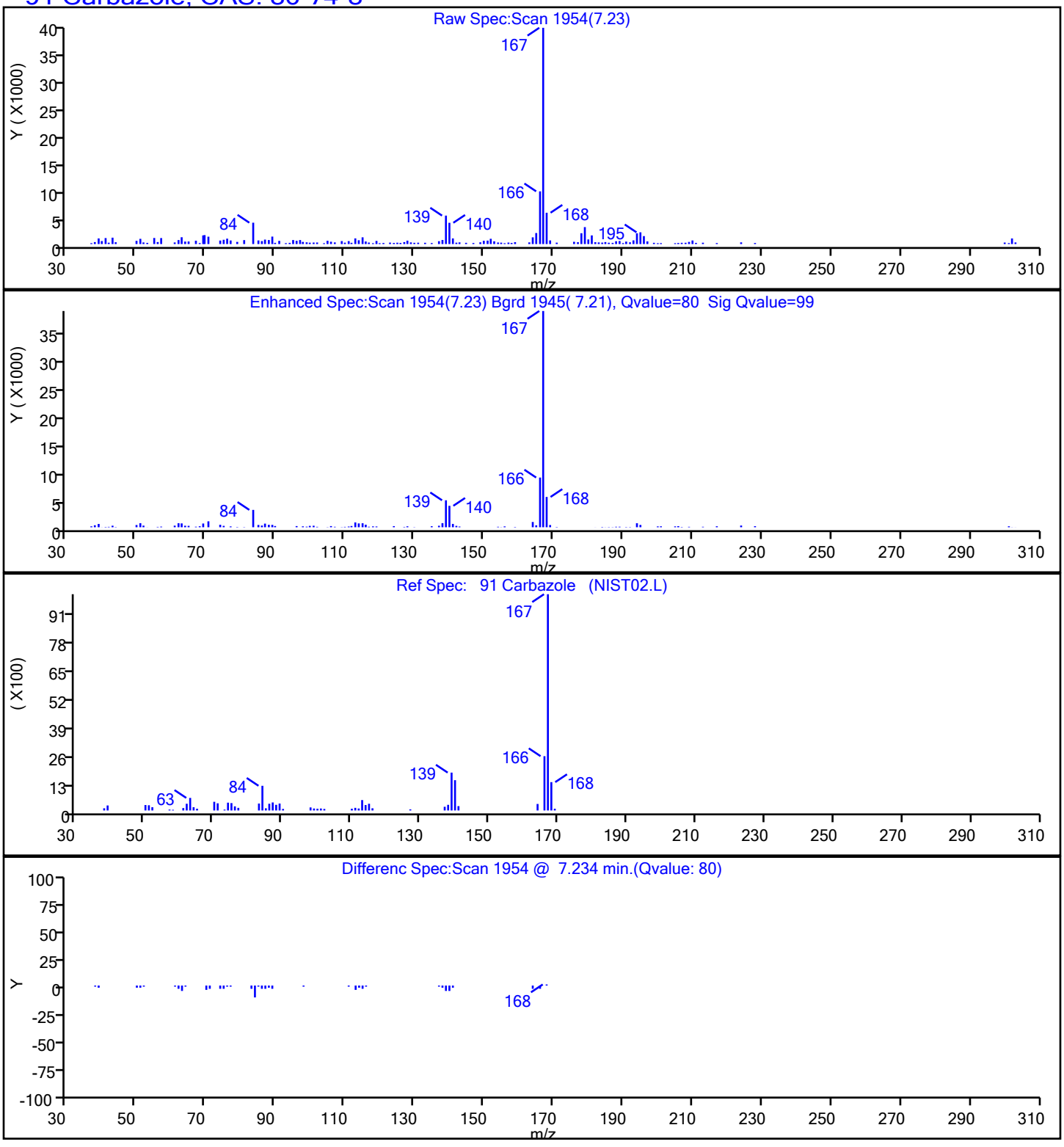
Report Date: 09-Feb-2025 13:29:06 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | |
|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 |
| Client ID: | RX-19-01_0-2 | | |
| Operator ID: | | ALS Bottle#: | 27 Worklist Smp#: 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN |

## 91 Carbazole, CAS: 86-74-8

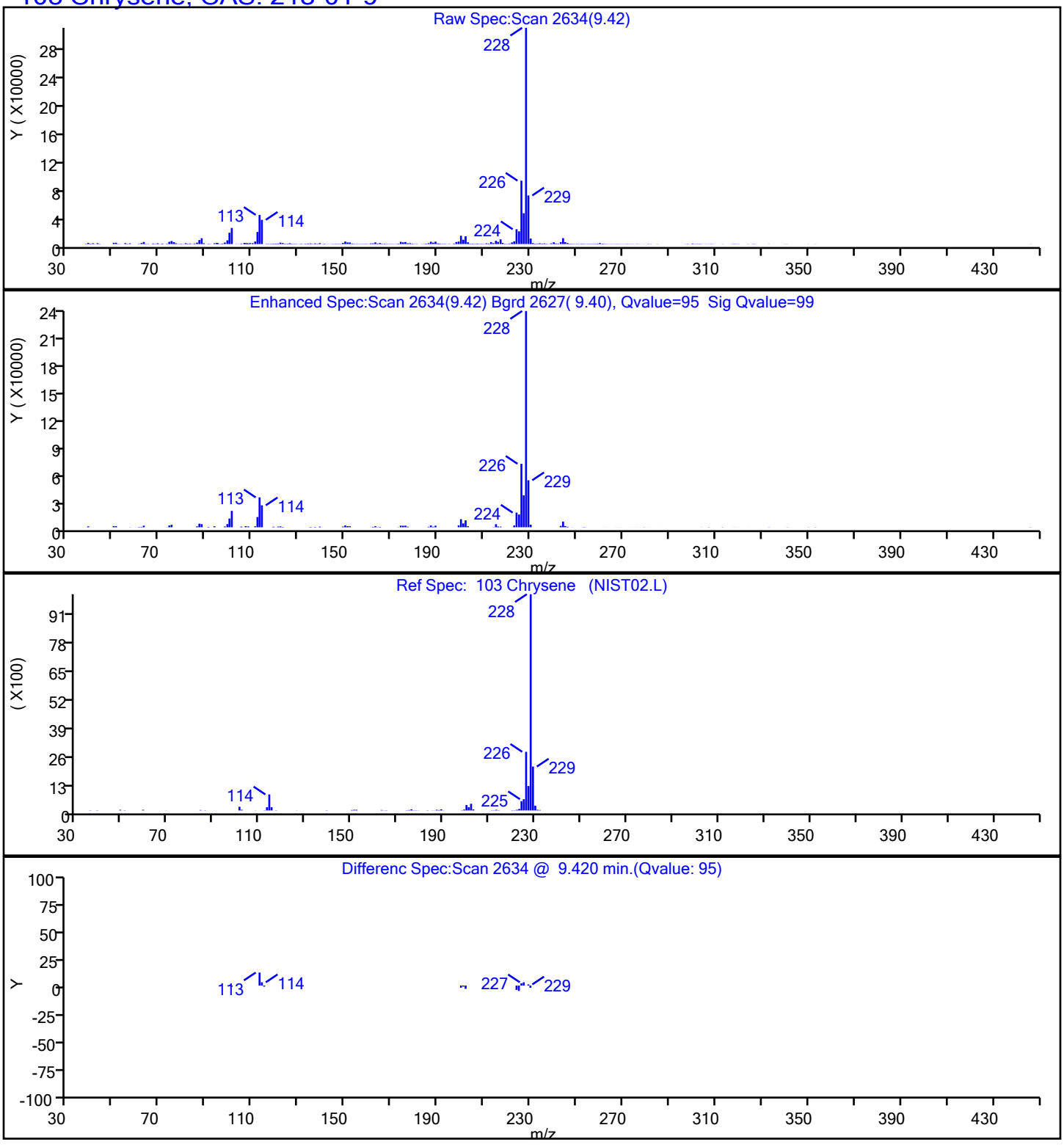


Report Date: 09-Feb-2025 13:29:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

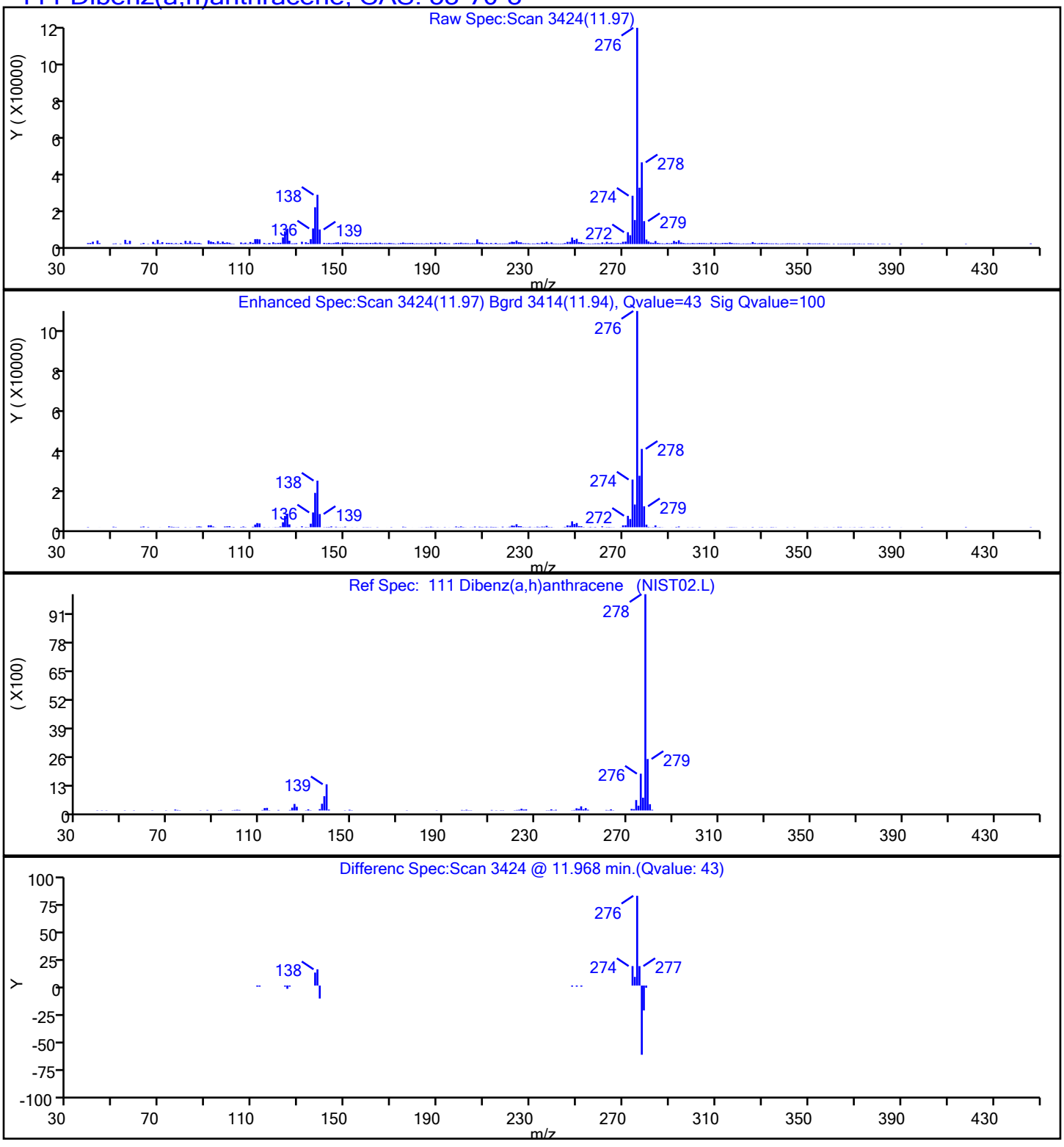
## 103 Chrysene, CAS: 218-01-9



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

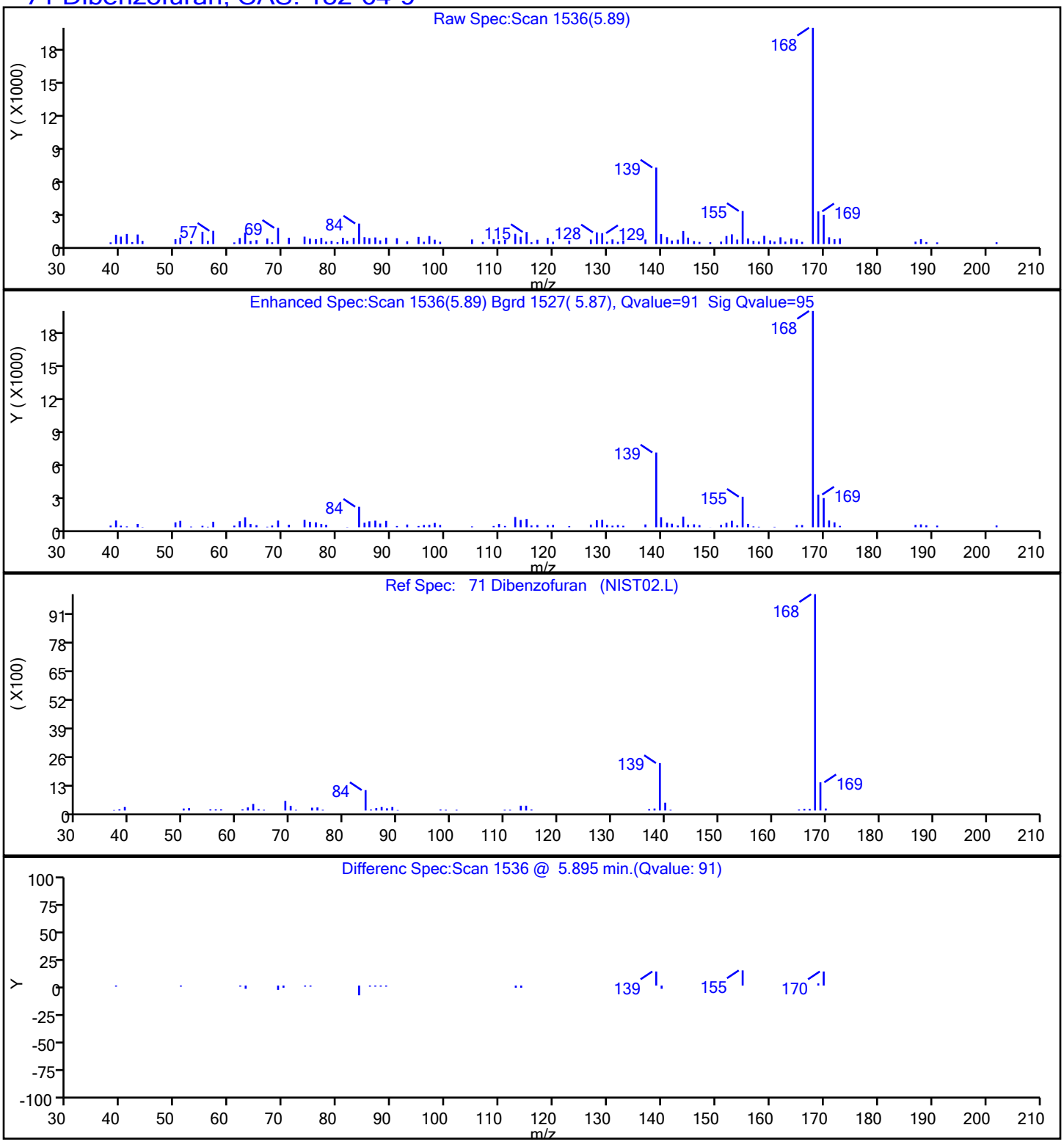
## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 71 Dibenzofuran, CAS: 132-64-9



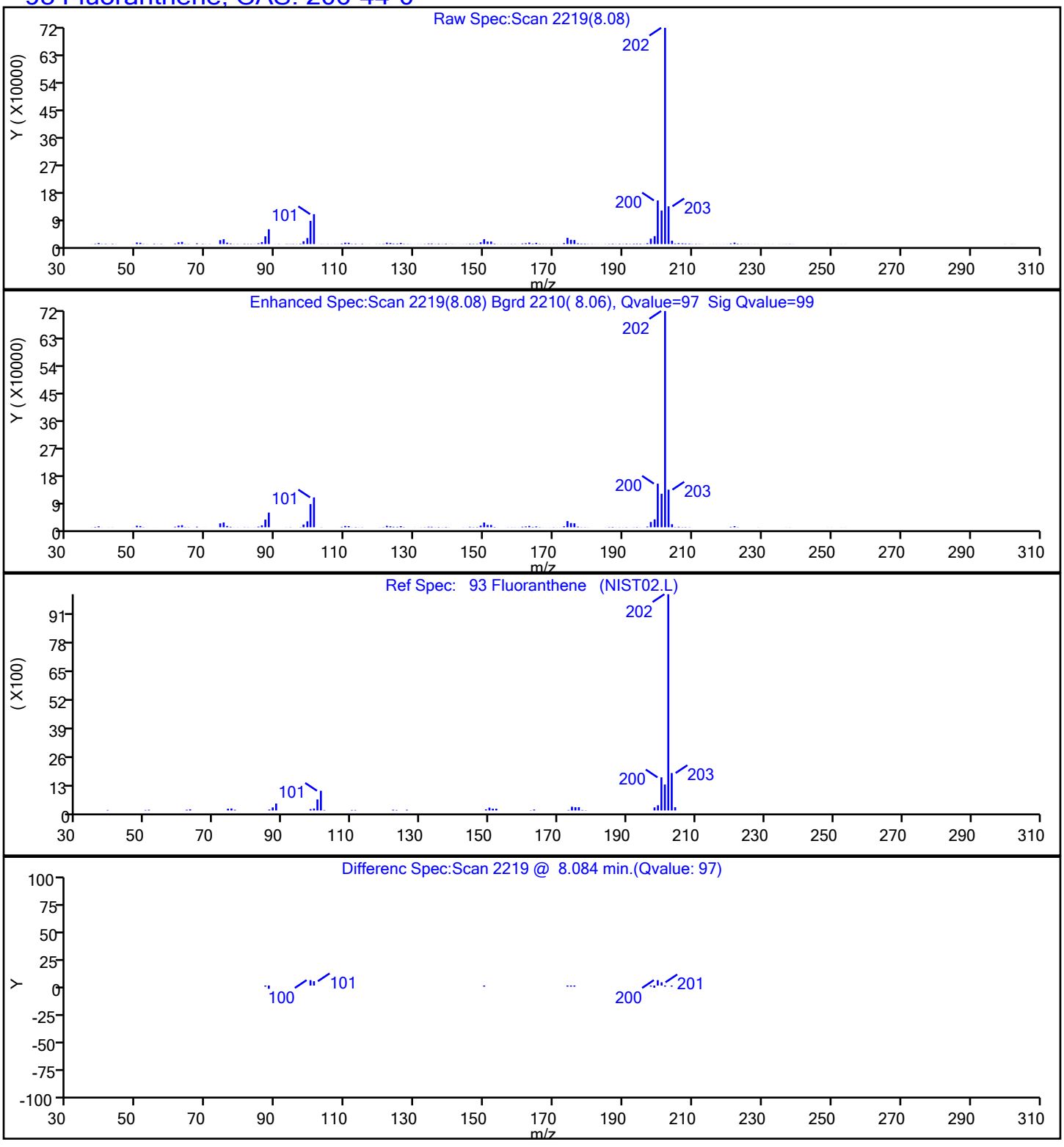
Report Date: 09-Feb-2025 13:29:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0






2/14/2025
12:32:58 PM

Eurofins Edison

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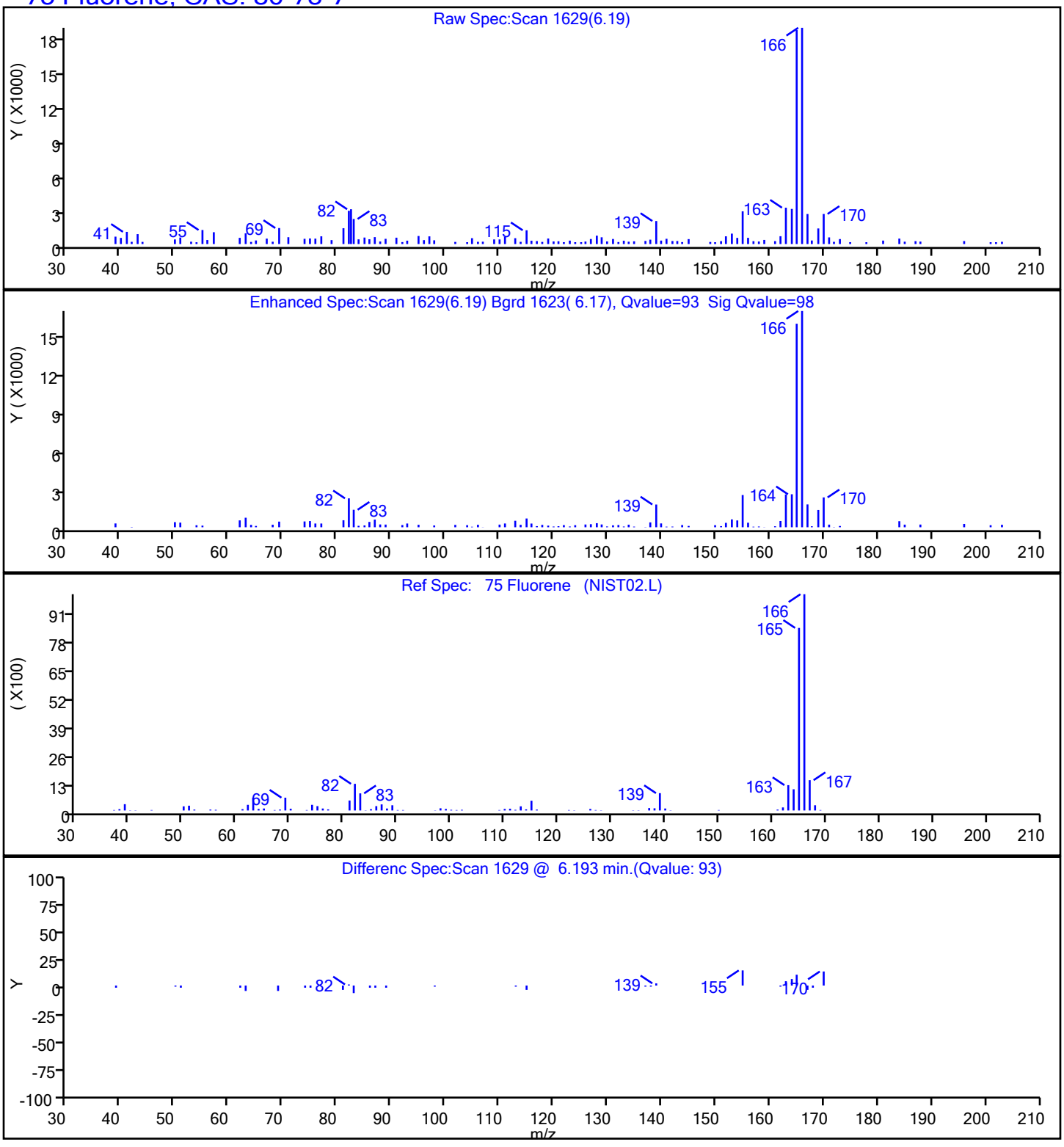
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

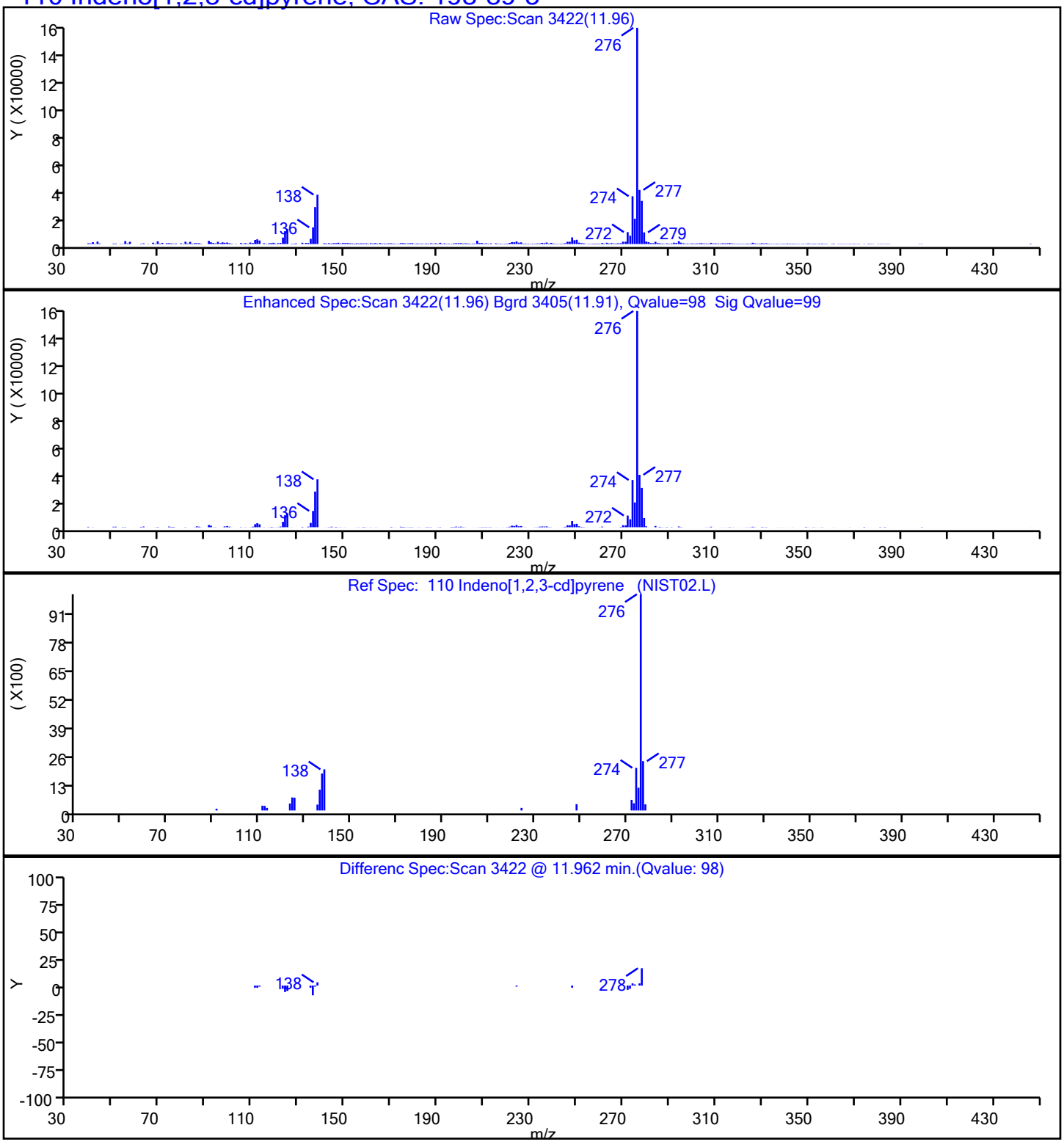
## 75 Fluorene, CAS: 86-73-7



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

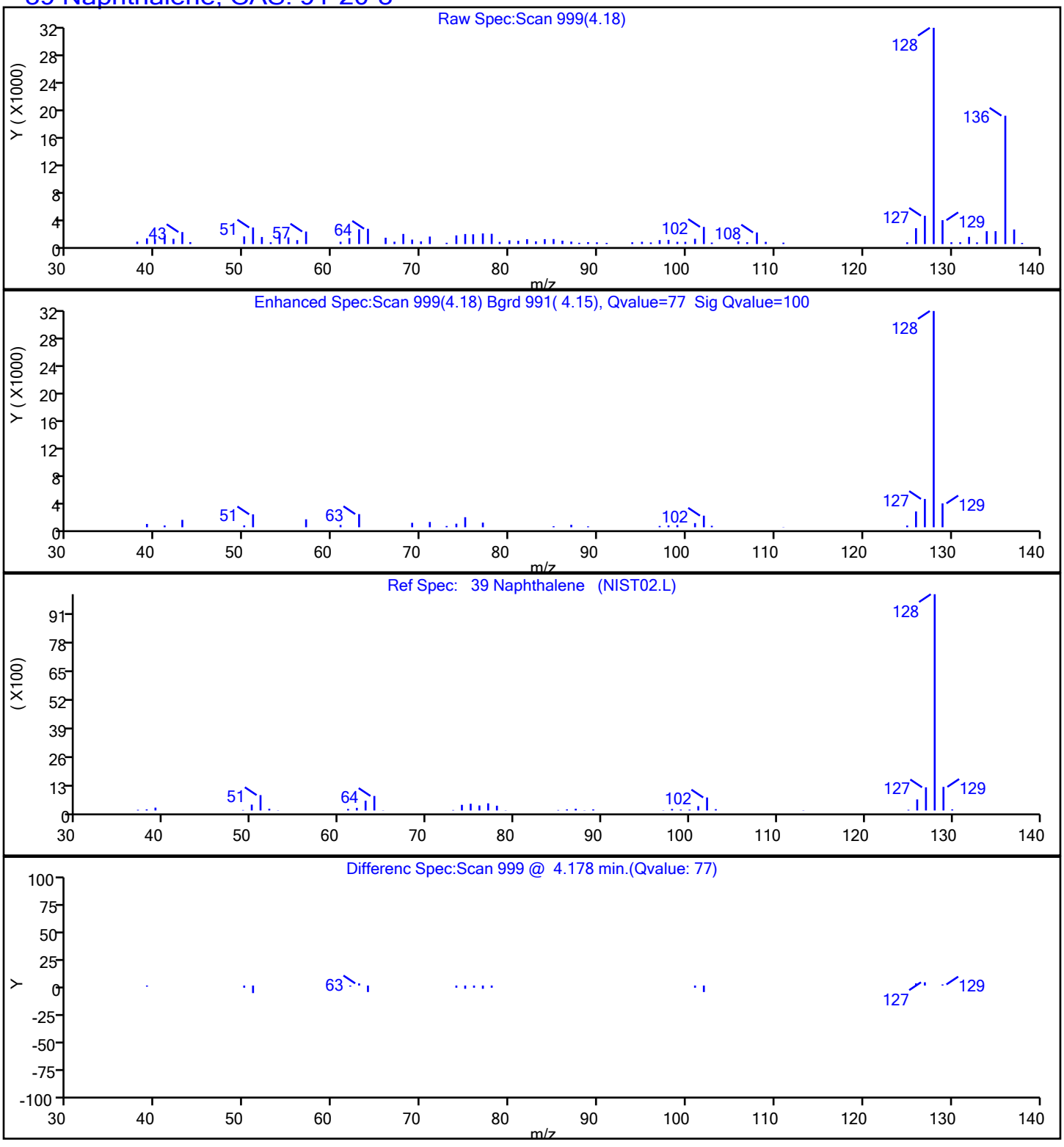
## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

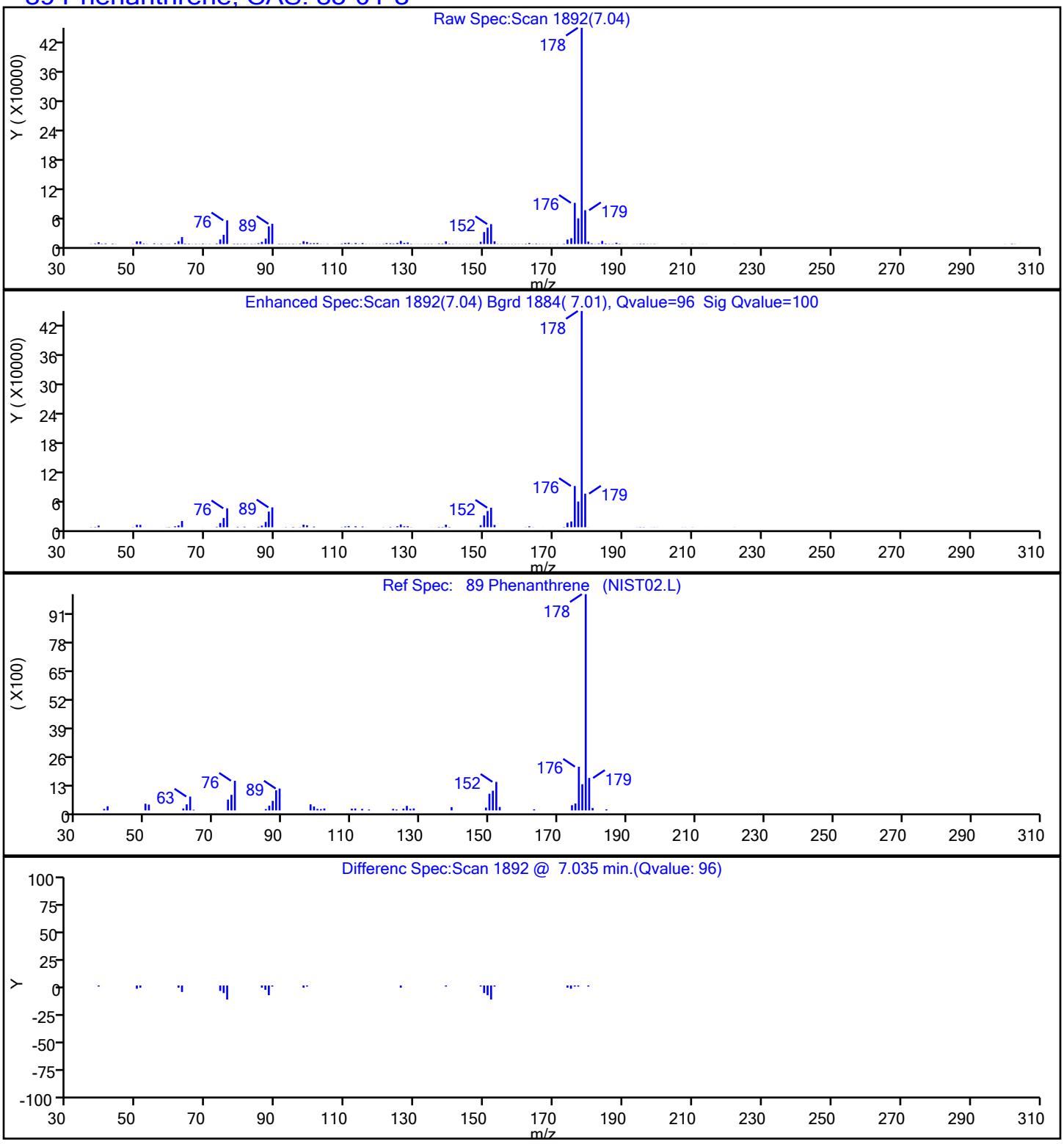
## 39 Naphthalene, CAS: 91-20-3



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

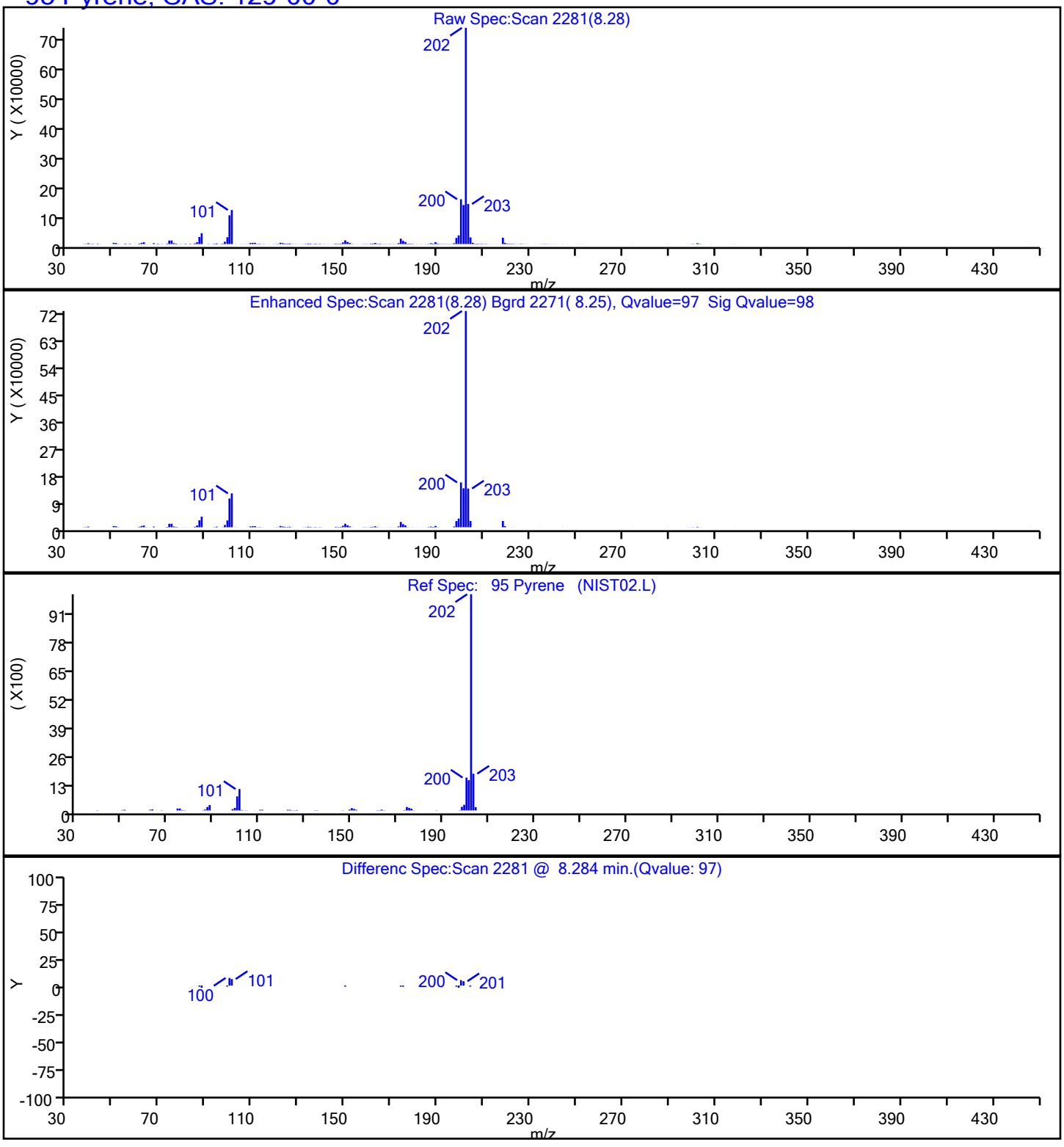
## 89 Phenanthrene, CAS: 85-01-8



Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



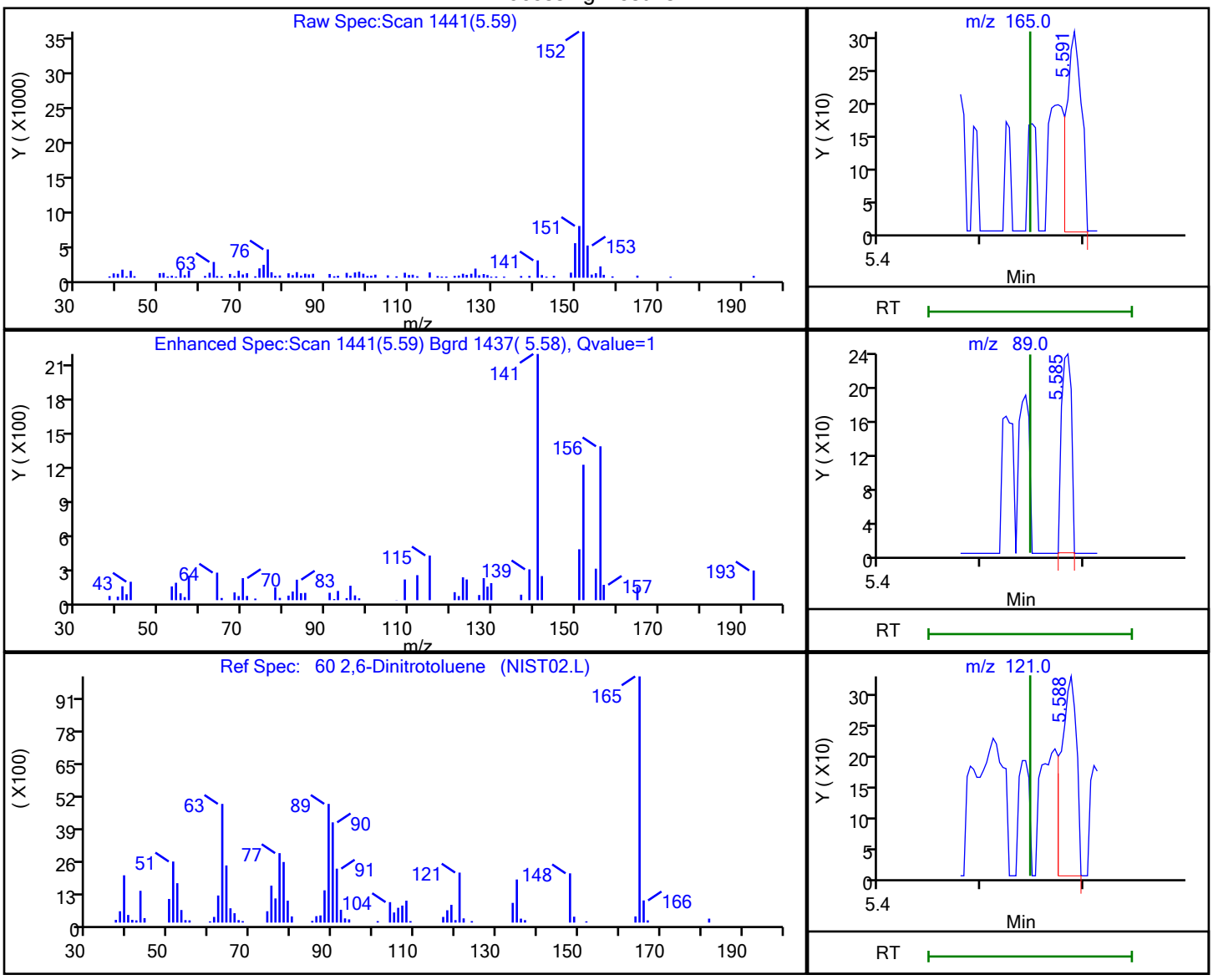
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 60 2,6-Dinitrotoluene, CAS: 606-20-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.59 | 165.00 | 301 | 0.128552 |
| 5.58 | 89.00 | 161 | |
| 5.59 | 121.00 | 330 | |

Reviewer: G4KC, 09-Feb-2025 13:28:12 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

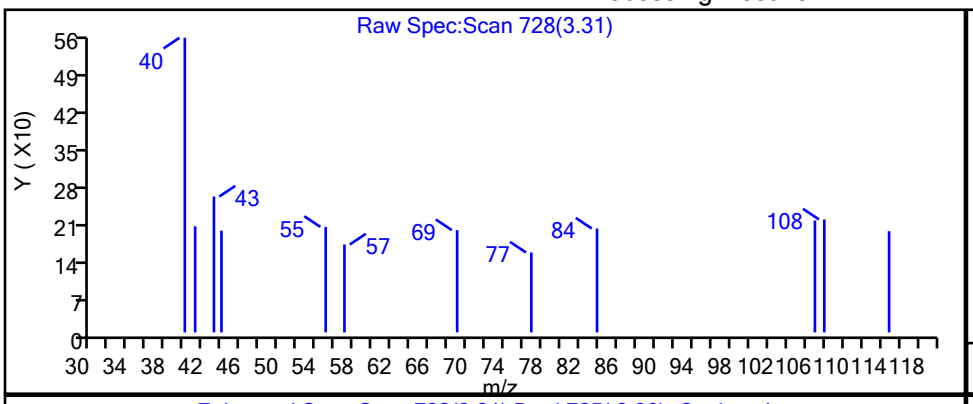
User Disabled Compound Report

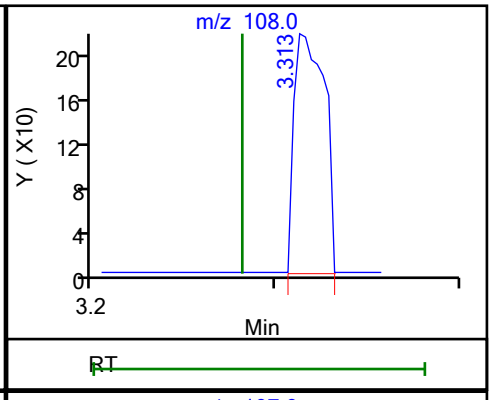
Eurofins Edison

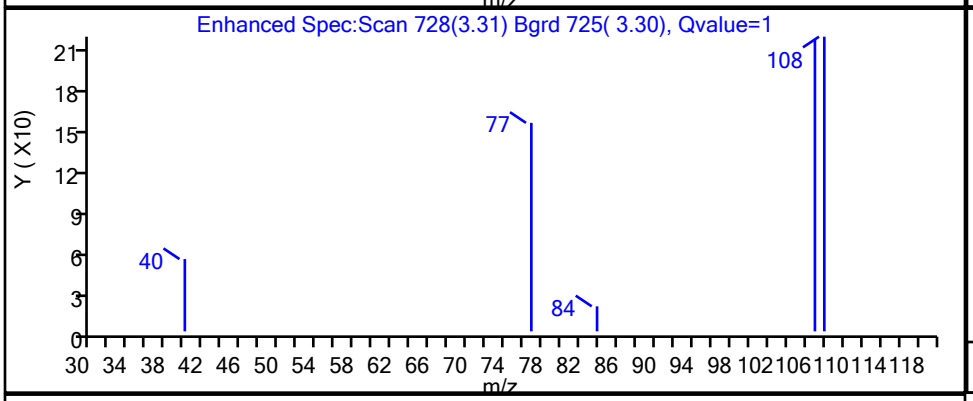
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

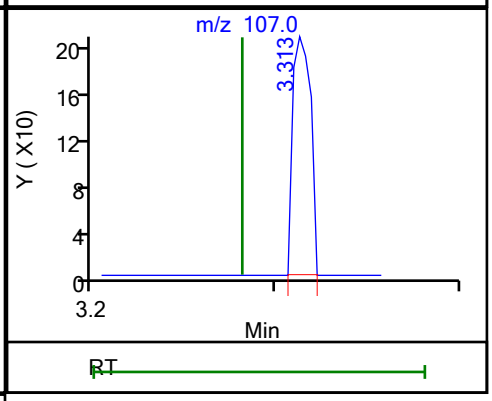
## 18 2-Methylphenol, CAS: 95-48-7

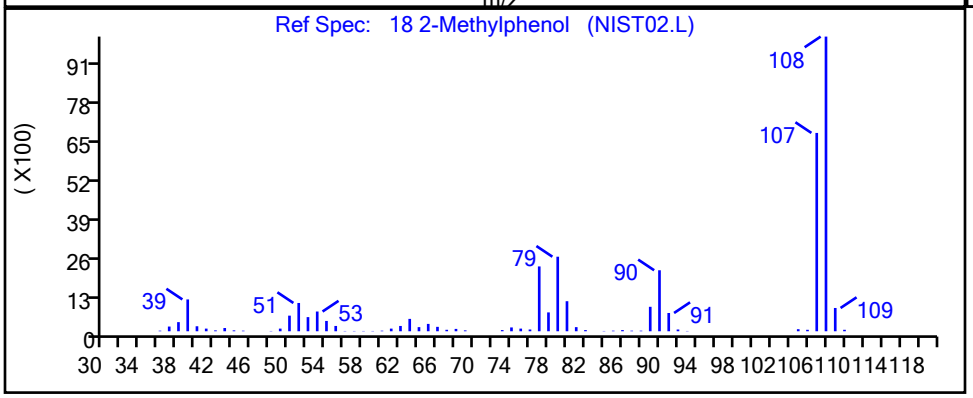
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.31 | 108.00 | 245 | 0.056264 |
| 3.31 | 107.00 | 143 | |

Reviewer: G4KC, 09-Feb-2025 13:28:04 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

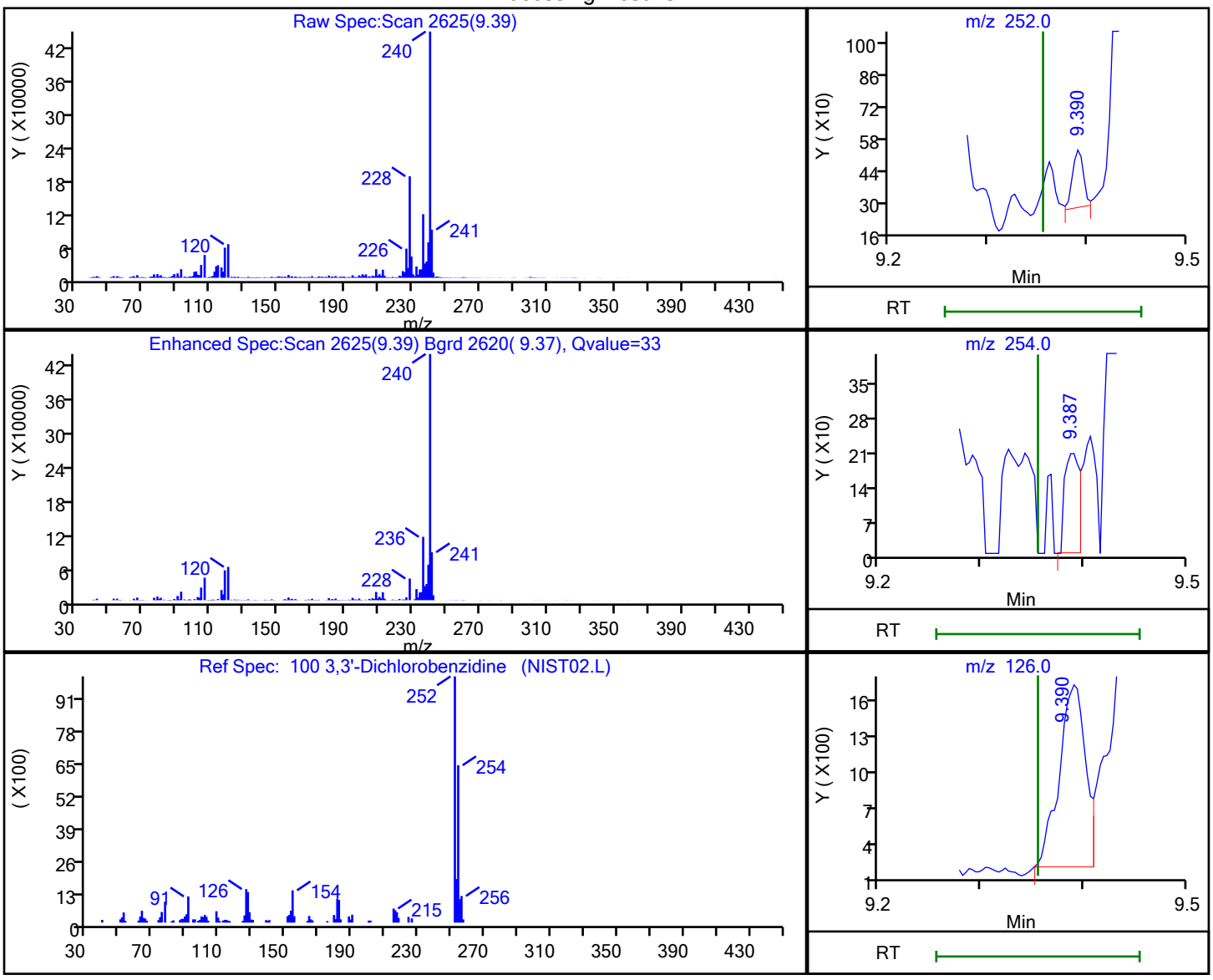
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 100 3,3'-Dichlorobenzidine, CAS: 91-94-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.39 | 252.00 | 203 | 0.028446 |
| 9.39 | 254.00 | 211 | |
| 9.39 | 126.00 | 2534 | |

Reviewer: G4KC, 09-Feb-2025 13:28:19 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

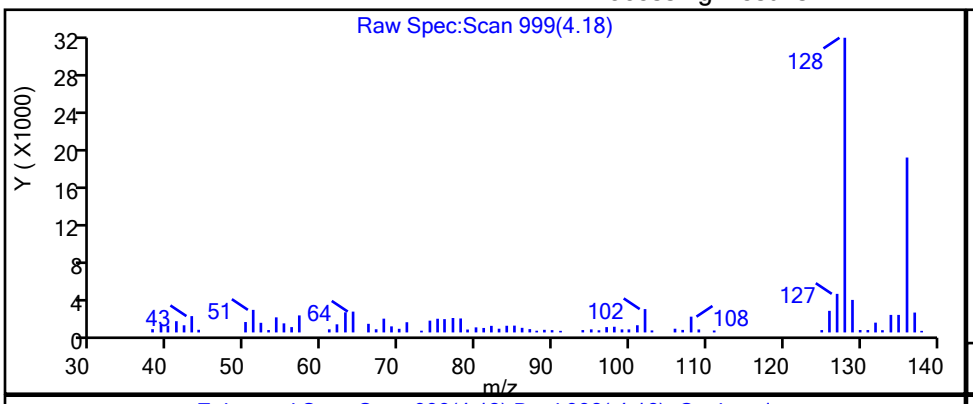
User Disabled Compound Report

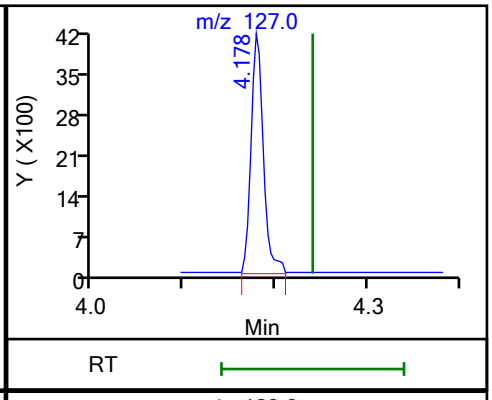
Eurofins Edison

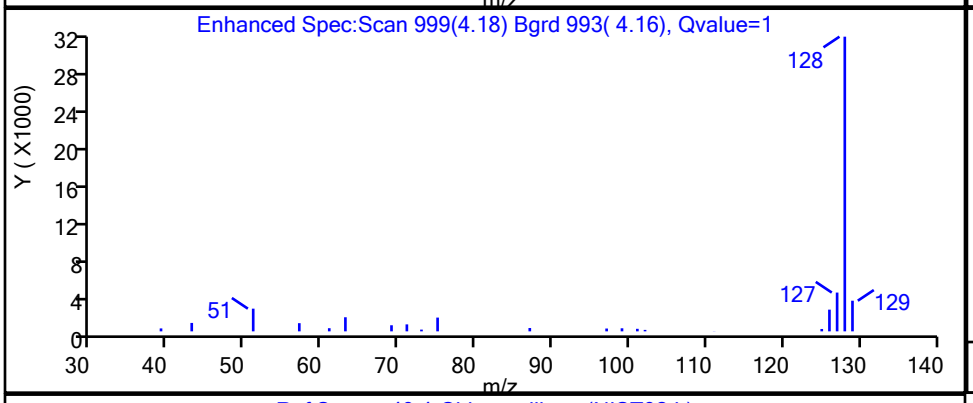
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

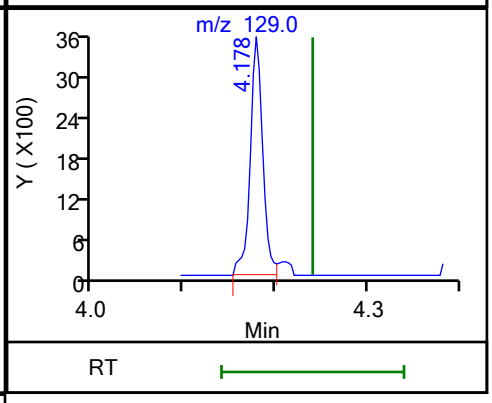
## 40 4-Chloroaniline, CAS: 106-47-8

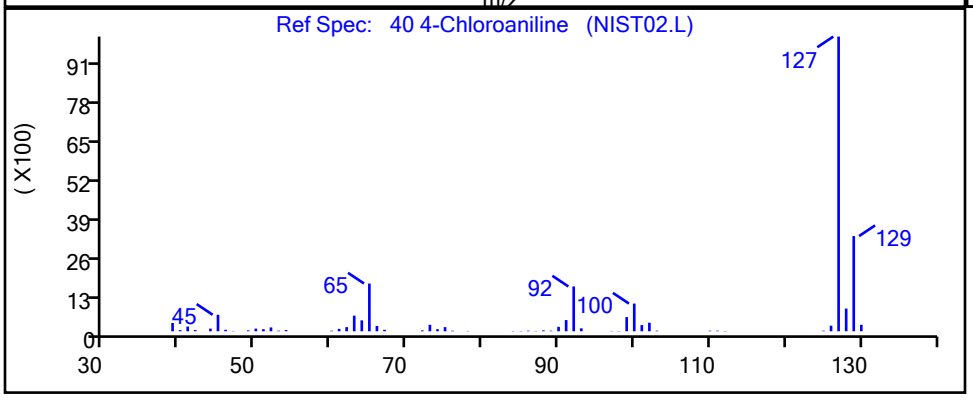
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.18 | 127.00 | 3873 | 0.663561 |
| 4.18 | 129.00 | 3352 | |

Reviewer: G4KC, 09-Feb-2025 13:28:07 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

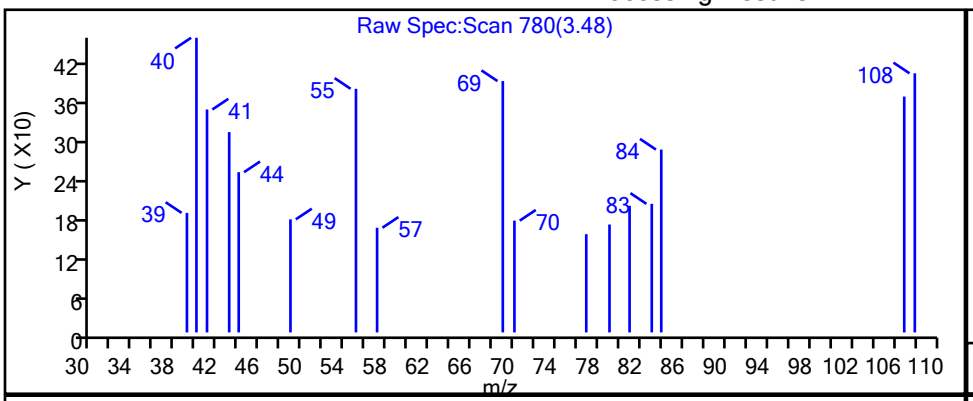
User Disabled Compound Report

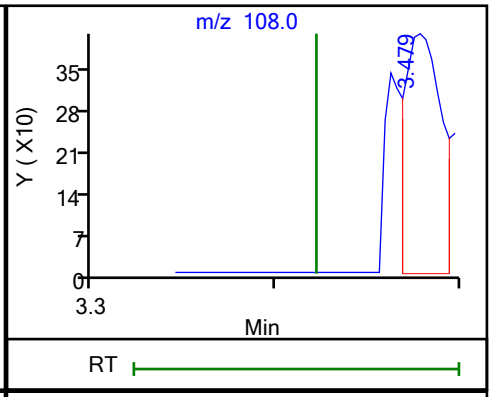
Eurofins Edison

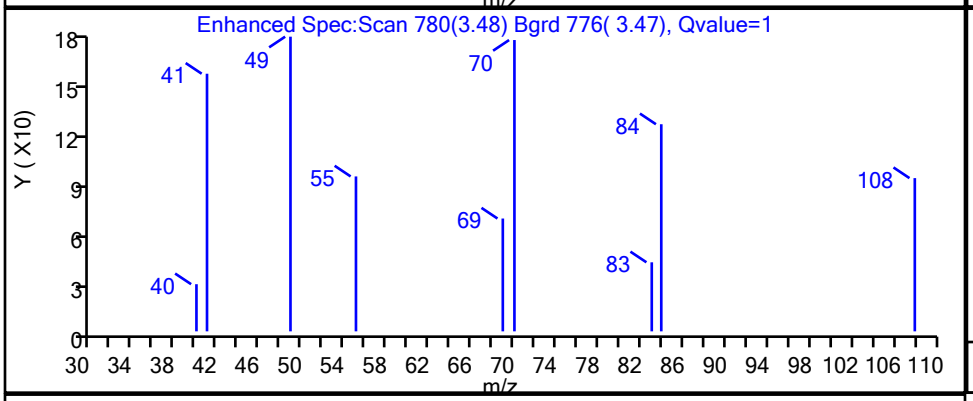
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

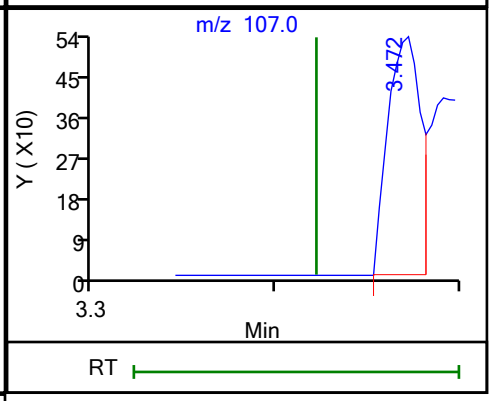
## 24 4-Methylphenol, CAS: 106-44-5

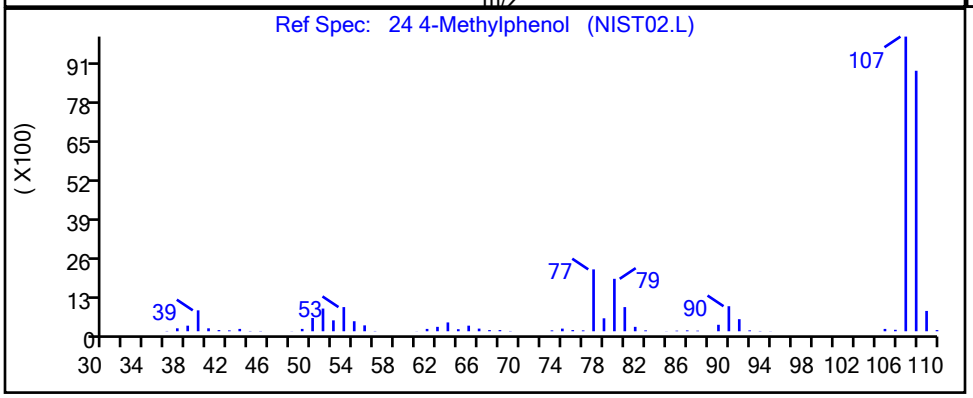
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.48 | 108.00 | 567 | 0.119577 |
| 3.47 | 107.00 | 675 | |

Reviewer: G4KC, 09-Feb-2025 13:28:05 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

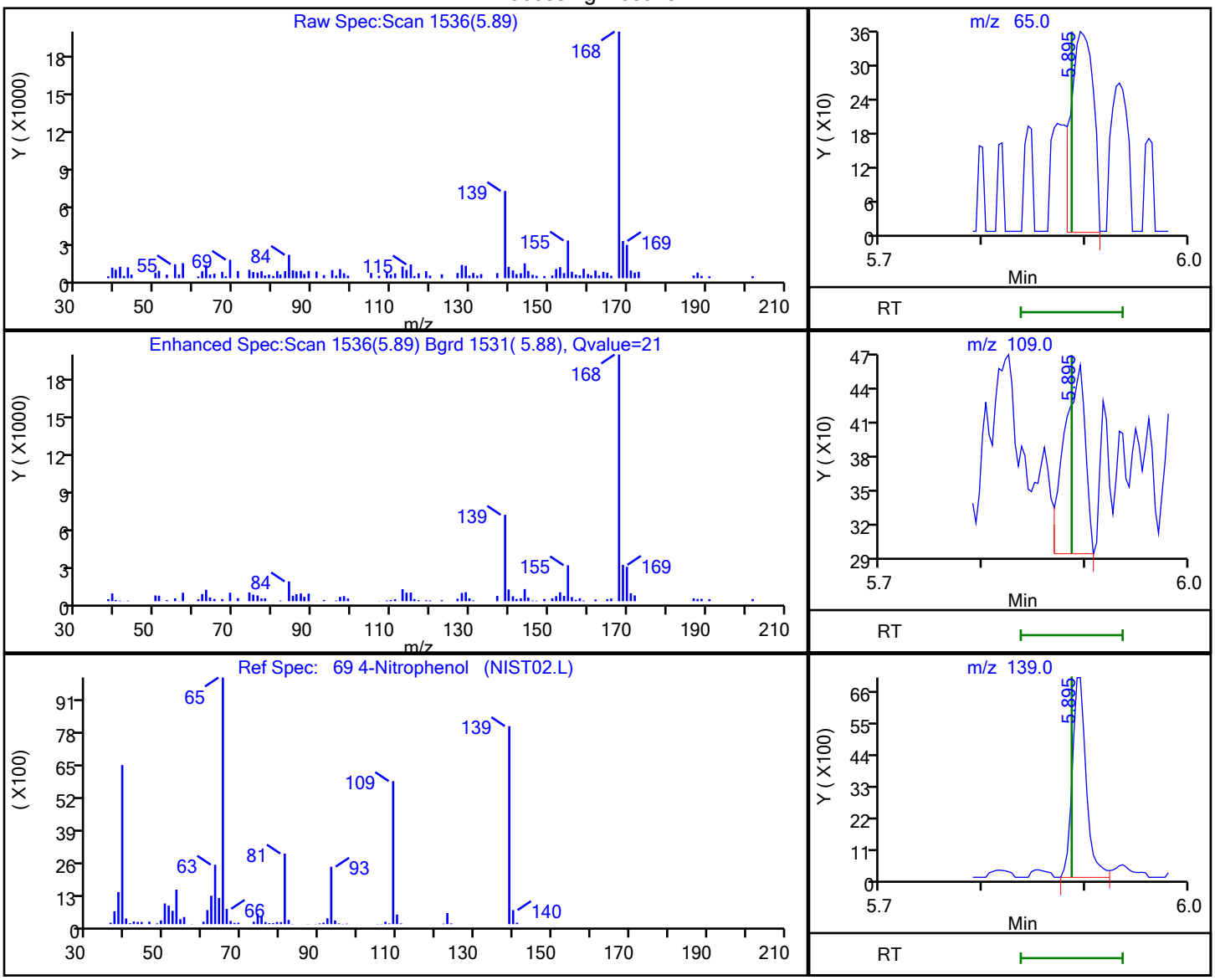
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 69 4-Nitrophenol, CAS: 100-02-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.89 | 65.00 | 536 | 0.276840 |
| 5.89 | 109.00 | 231 | |
| 5.89 | 139.00 | 6687 | |

Reviewer: G4KC, 09-Feb-2025 13:28:13 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

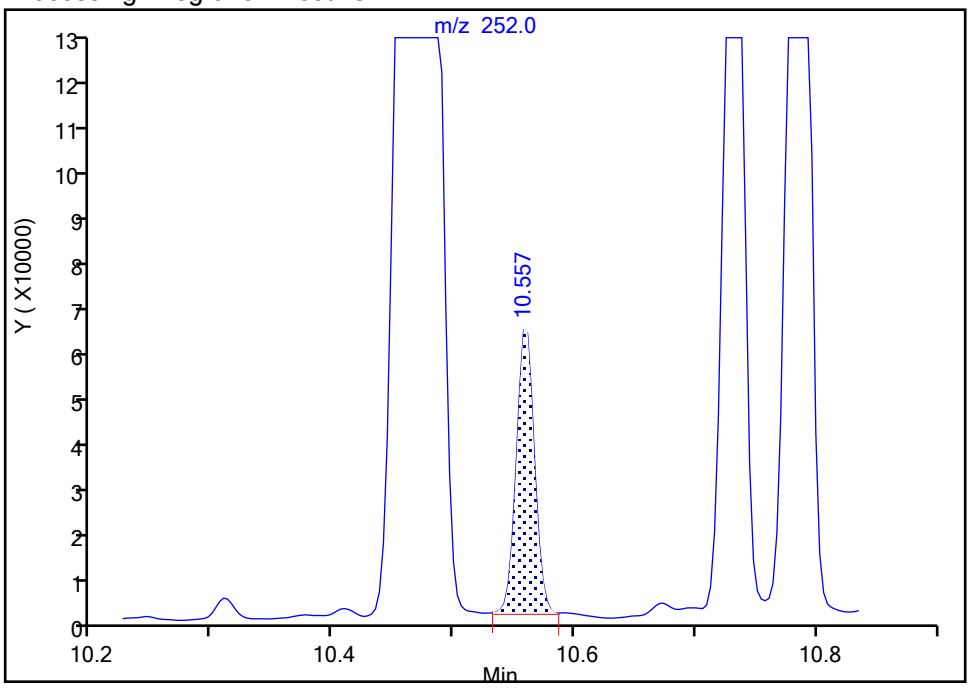
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

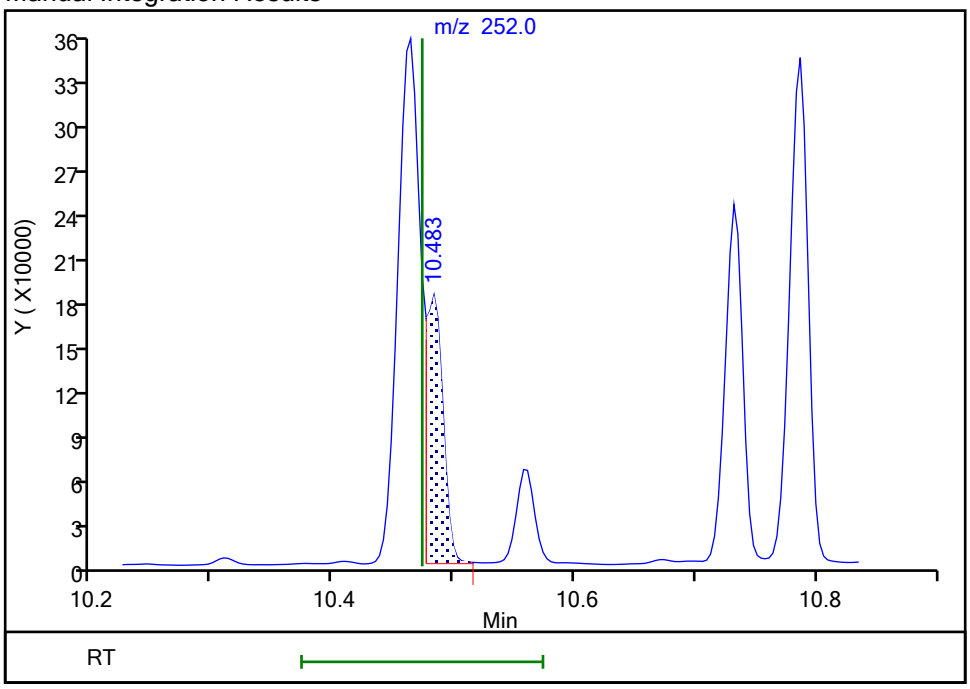
Processing Integration Results

RT: 10.56
Area: 65165
Amount: 3.600939
Amount Units: ug/ml




Manual Integration Results

RT: 10.48
Area: 178139
Amount: 9.843746
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:28:37 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

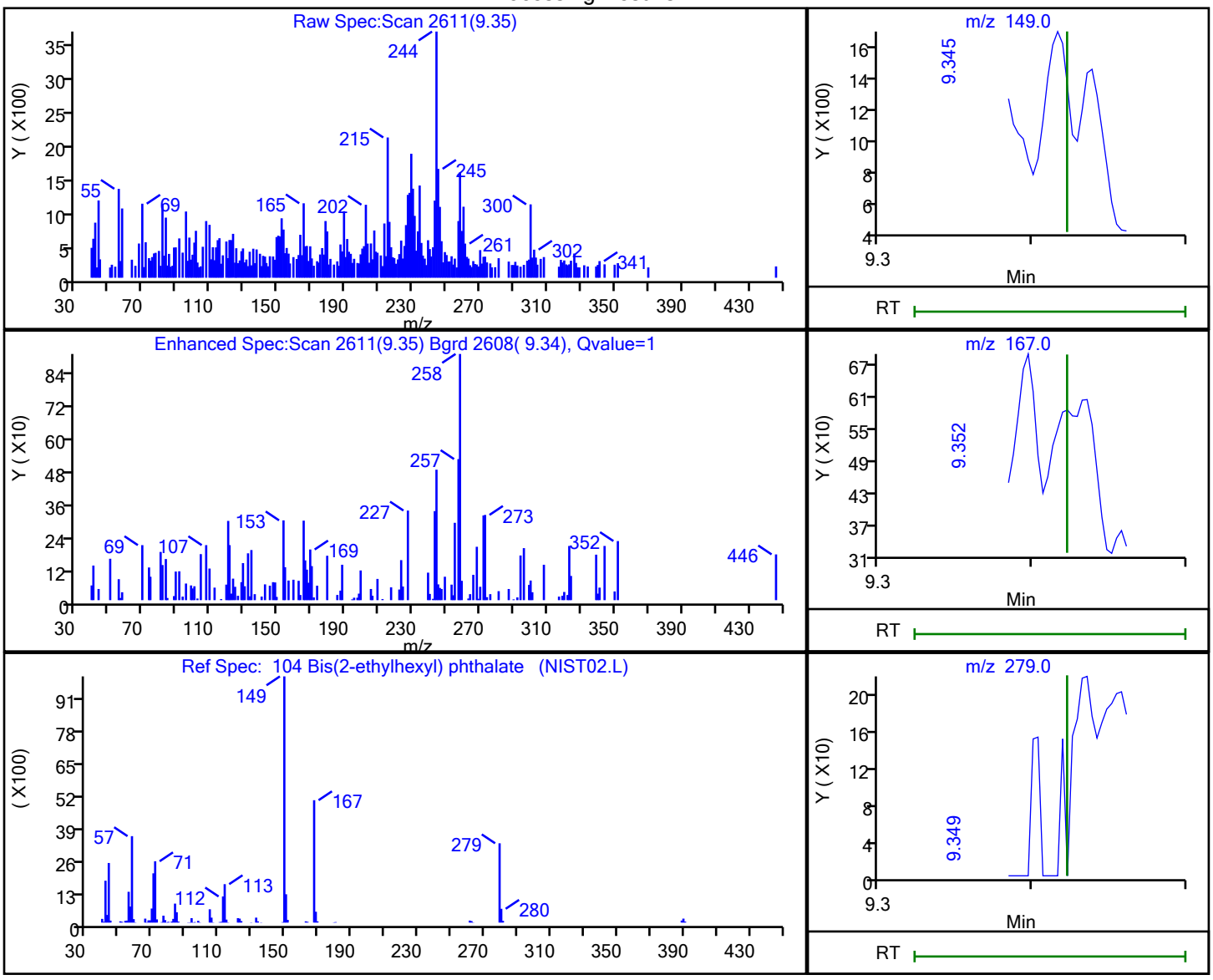
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.35 | 149.00 | 76 | 0.006542 |
| 9.35 | 167.00 | 225 | |
| 9.35 | 279.00 | 61 | |

Reviewer: G4KC, 09-Feb-2025 13:28:20 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

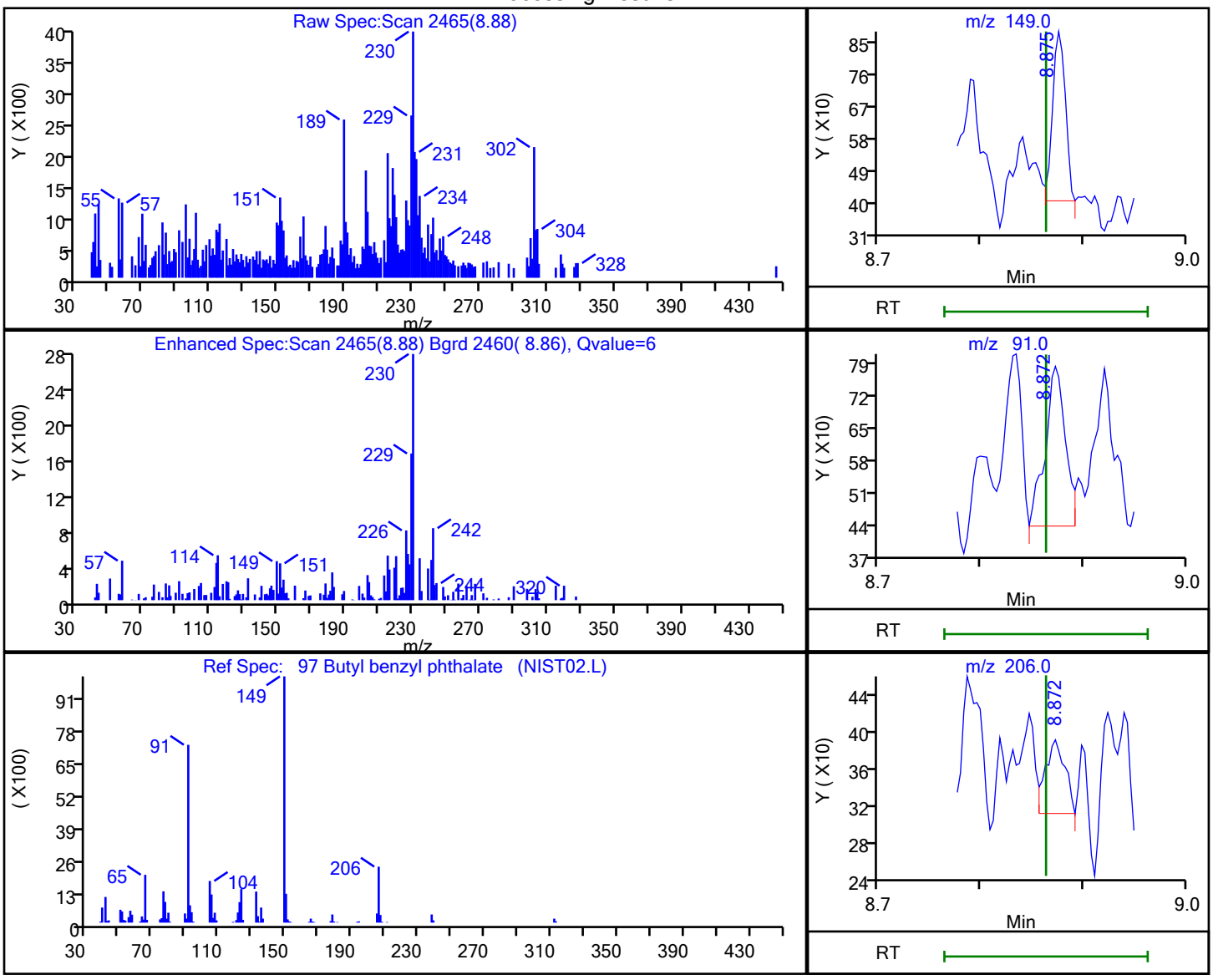
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 97 Butyl benzyl phthalate, CAS: 85-68-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.88 | 149.00 | 417 | 0.051938 |
| 8.87 | 91.00 | 476 | |
| 8.87 | 206.00 | 111 | |

Reviewer: G4KC, 09-Feb-2025 13:28:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

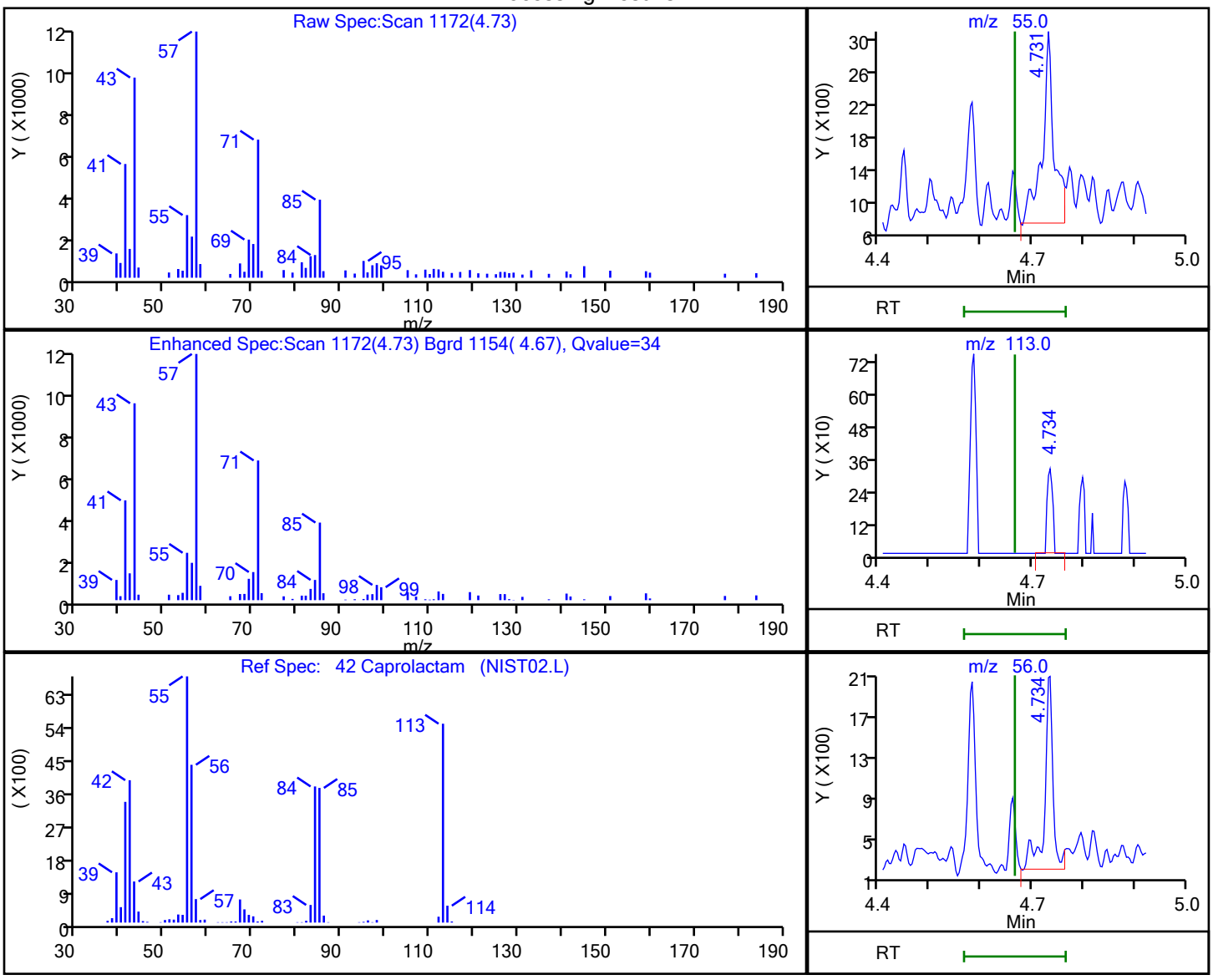
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 42 Caprolactam, CAS: 105-60-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.73 | 55.00 | 3703 | 1.647634 |
| 4.73 | 113.00 | 235 | |
| 4.73 | 56.00 | 2008 | |

Reviewer: U6BX, 09-Feb-2025 12:53:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

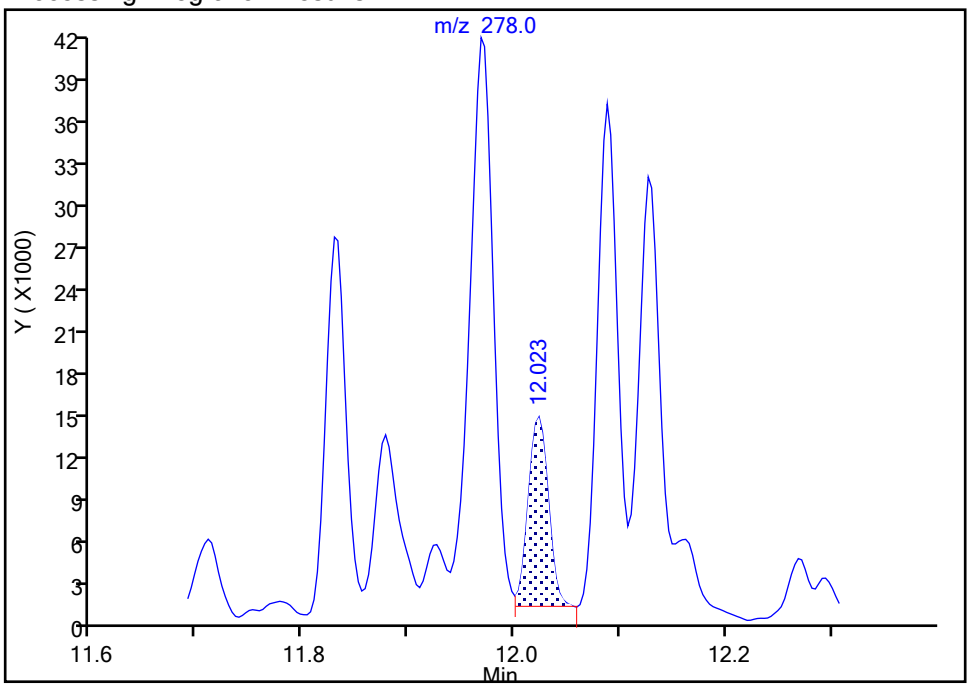
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

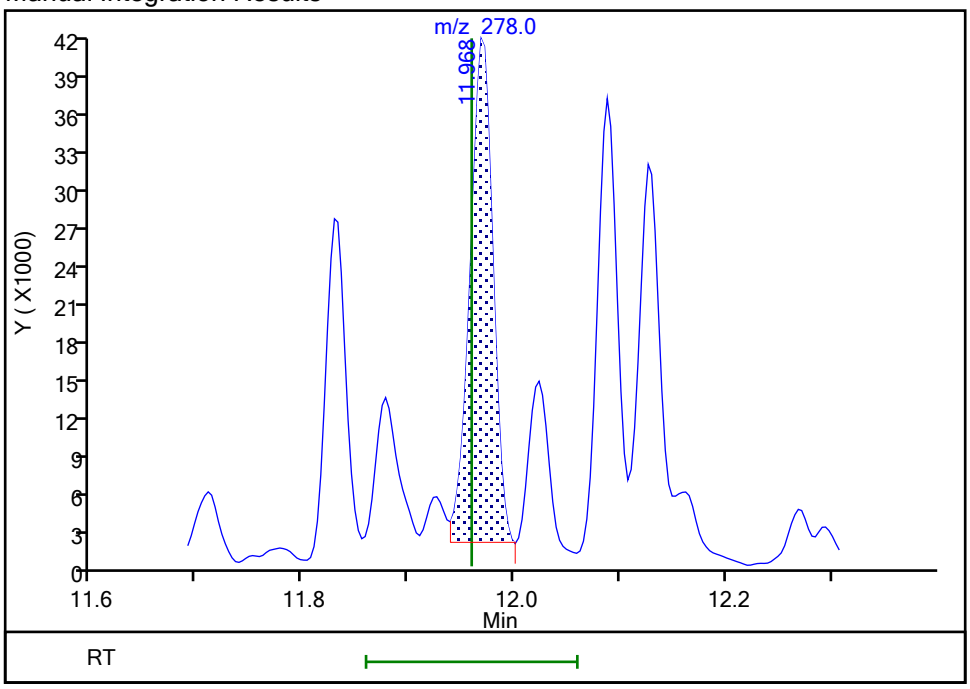
Processing Integration Results

RT: 12.02
Area: 17988
Amount: 1.057342
Amount Units: ug/ml




Manual Integration Results

RT: 11.97
Area: 59708
Amount: 3.509660
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:28:44 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Baseline

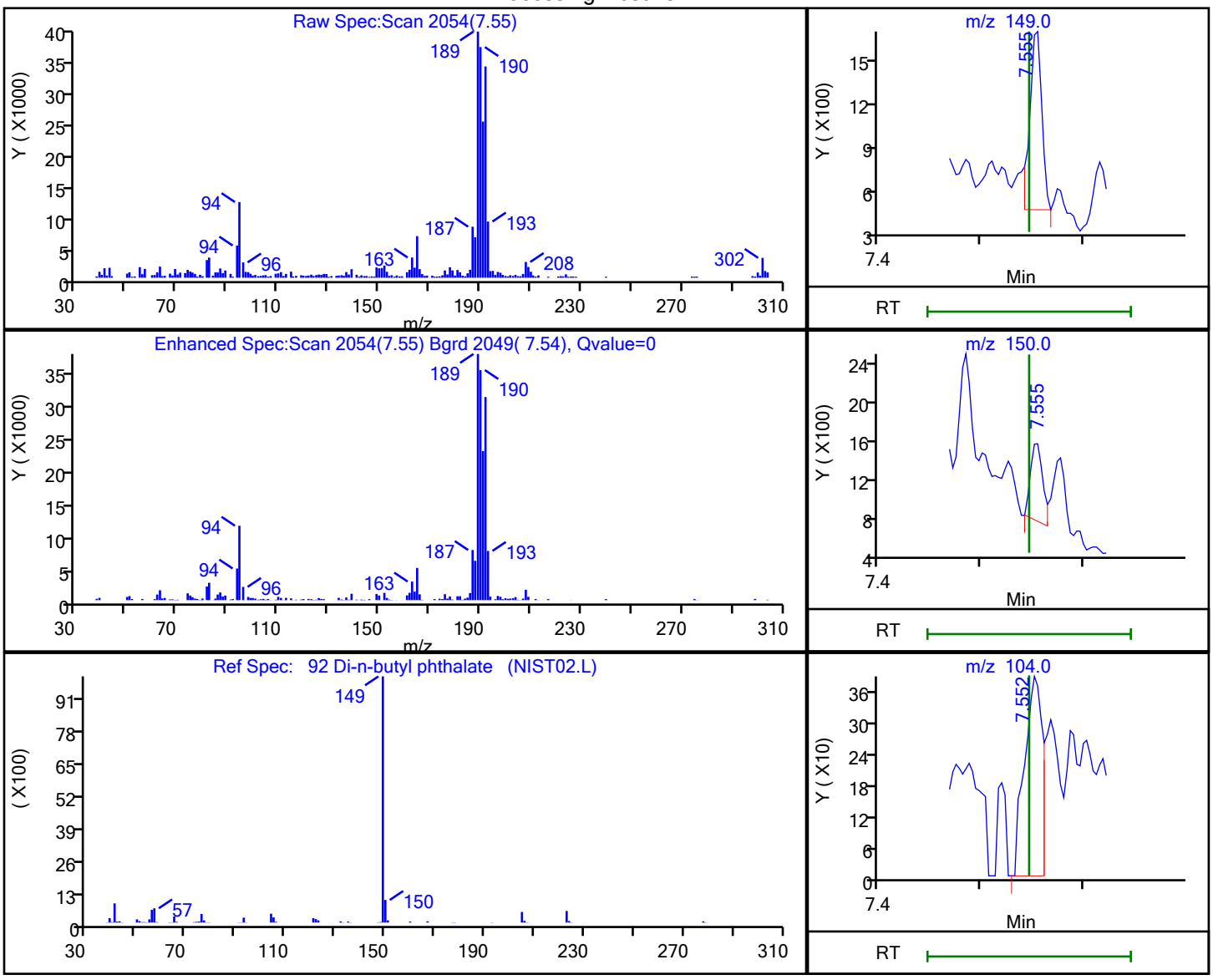
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Di-n-butyl phthalate, CAS: 84-74-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.55 | 149.00 | 995 | 0.055393 |
| 7.55 | 150.00 | 649 | |
| 7.55 | 104.00 | 479 | |

Reviewer: G4KC, 09-Feb-2025 13:28:17 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

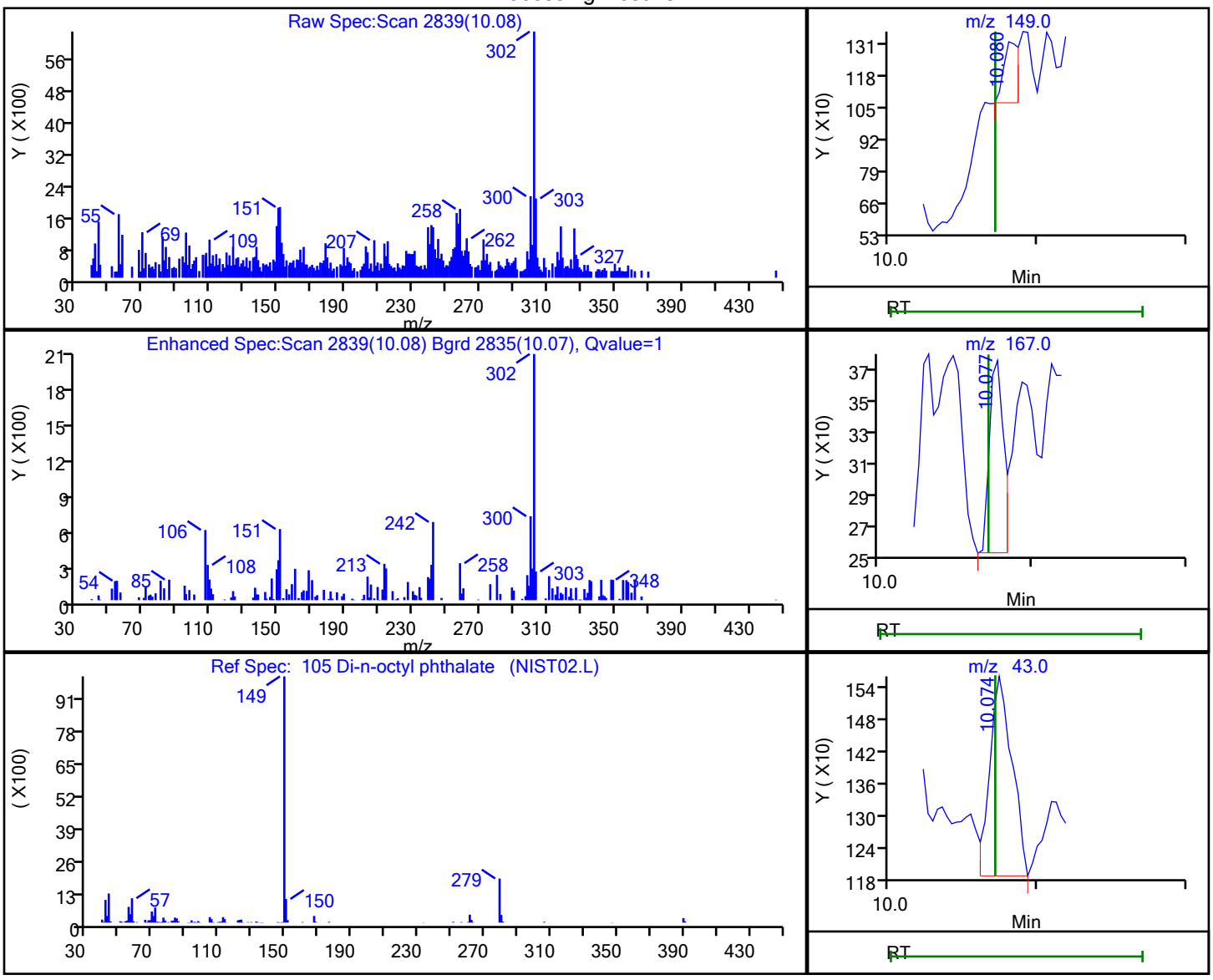
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 105 Di-n-octyl phthalate, CAS: 117-84-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.08 | 149.00 | 179 | 0.009865 |
| 10.08 | 167.00 | 77 | |
| 10.07 | 43.00 | 386 | |

Reviewer: G4KC, 09-Feb-2025 13:28:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

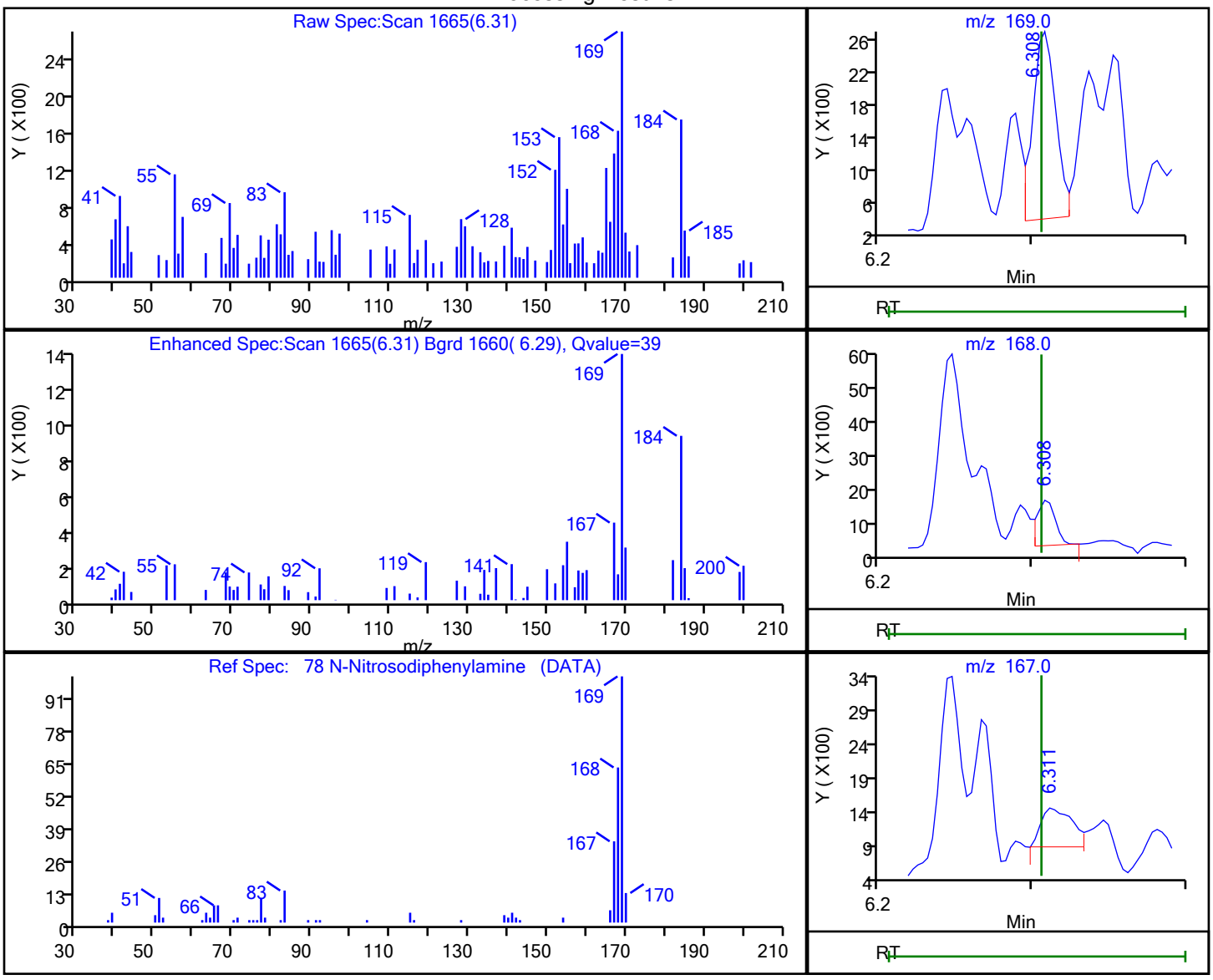
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62098.d | | | | |
| Injection Date: | 08-Feb-2025 22:31:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-5-C | Lab Sample ID: | 460-319954-5 | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Operator ID: | | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 5.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.31 | 169.00 | 2463 | 0.316063 |
| 6.31 | 168.00 | 1102 | |
| 6.31 | 167.00 | 820 | |

Reviewer: G4KC, 09-Feb-2025 13:28:15 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: X62134.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:00

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.04(g) | Date Analyzed: 02/10/2025 20:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020469 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.014 | J | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.023 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.043 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.040 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.068 | U | 0.068 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.068 | U | 0.068 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.045 | J | 0.33 | 0.0094 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.051 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 0.68 | U | 0.68 | 0.054 |
| 83-32-9 | Acenaphthene | 0.093 | J | 0.33 | 0.0095 |
| 208-96-8 | Acenaphthylene | 0.16 | J | 0.33 | 0.0096 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: X62134.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:00

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.04(g) | Date Analyzed: 02/10/2025 20:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020469 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.34 | | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.020 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 1.2 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 1.5 | | 0.033 | 0.0089 |
| 205-99-2 | Benzo[b]fluoranthene | 2.1 | | 0.033 | 0.0087 |
| 191-24-2 | Benzo[g,h,i]perylene | 0.81 | | 0.33 | 0.0099 |
| 207-08-9 | Benzo[k]fluoranthene | 0.63 | | 0.033 | 0.0066 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.048 | J | 0.33 | 0.018 |
| 85-68-7 | Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.052 |
| 86-74-8 | Carbazole | 0.20 | J | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 1.3 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.21 | | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 0.079 | J | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.076 |
| 84-74-2 | Di-n-butyl phthalate | 0.018 | J | 0.33 | 0.013 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 2.7 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.099 | J | 0.33 | 0.0098 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.068 | U | 0.068 | 0.0071 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 0.68 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.097 |
| 91-20-3 | Naphthalene | 0.14 | J | 0.33 | 0.0058 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.019 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: X62134.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:00

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.04(g) | Date Analyzed: 02/10/2025 20:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020469 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.069 |
| 85-01-8 | Phenanthrene | 1.5 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 2.4 | | 0.33 | 0.0083 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 66 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 64 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 64 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 61 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 64 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 65 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d
Lims ID: 460-319954-E-6-C
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 10-Feb-2025 20:07:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186725-033
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 11-Feb-2025 12:29:10 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1720

First Level Reviewer: V5XH Date: 11-Feb-2025 12:29:10

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.056 | 2.043 | 0.013 | 96 | 171419 | 31.9 | |
| $ 6 Phenol-d5 | 99 | 2.758 | 2.763 | 0.000 | 99 | 222449 | 31.9 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.033 | 3.032 | 0.001 | 95 | 173807 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.512 | 3.518 | -0.006 | 86 | 193864 | 30.3 | |
| * 38 Naphthalene-d8 | 136 | 4.144 | 4.148 | -0.004 | 99 | 666955 | 40.0 | |
| 39 Naphthalene | 128 | 4.163 | 4.164 | -0.004 | 77 | 34055 | 2.02 | |
| 44 2-Methylnaphthalene | 142 | 4.783 | 4.780 | 0.000 | 75 | 7562 | 0.6719 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.112 | 5.116 | -0.004 | 97 | 423171 | 31.9 | |
| 52 1,1'-Biphenyl | 154 | 5.195 | 5.199 | -0.004 | 55 | 2788 | 0.2042 | |
| 61 Acenaphthylene | 152 | 5.566 | 5.567 | -0.007 | 97 | 37740 | 2.38 | |
| * 65 Acenaphthene-d10 | 164 | 5.694 | 5.698 | -0.004 | 96 | 353128 | 40.0 | |
| 67 Acenaphthene | 154 | 5.720 | 5.727 | -0.007 | 53 | 13295 | 1.38 | |
| 71 Dibenzofuran | 168 | 5.873 | 5.874 | -0.007 | 92 | 17363 | 1.17 | |
| 75 Fluorene | 166 | 6.174 | 6.175 | -0.007 | 90 | 17160 | 1.46 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.391 | 6.396 | -0.005 | 89 | 94163 | 32.9 | |
| * 88 Phenanthrene-d10 | 188 | 6.994 | 7.000 | -0.006 | 98 | 668042 | 40.0 | |
| 89 Phenanthrene | 178 | 7.013 | 7.017 | -0.010 | 96 | 382059 | 23.0 | |
| 90 Anthracene | 178 | 7.058 | 7.061 | -0.009 | 98 | 85526 | 4.98 | |
| 91 Carbazole | 167 | 7.212 | 7.211 | -0.009 | 80 | 45937 | 2.98 | |
| 92 Di-n-butyl phthalate | 149 | 7.529 | 7.540 | -0.011 | 45 | 5215 | 0.2714 | |
| 93 Fluoranthene | 202 | 8.059 | 8.060 | -0.008 | 97 | 745753 | 39.6 | |
| 95 Pyrene | 202 | 8.255 | 8.254 | -0.011 | 96 | 705181 | 36.1 | |
| $ 96 Terphenyl-d14 | 244 | 8.406 | 8.416 | -0.010 | 98 | 574550 | 32.6 | |
| 101 Benzo[a]anthracene | 228 | 9.353 | 9.365 | -0.012 | 99 | 354051 | 18.2 | |
| * 102 Chrysene-d12 | 240 | 9.366 | 9.378 | -0.012 | 99 | 592687 | 40.0 | |
| 103 Chrysene | 228 | 9.389 | 9.404 | -0.015 | 95 | 368570 | 19.6 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.405 | 9.404 | -0.018 | 51 | 8857 | 0.7195 | |
| 106 Benzo[b]fluoranthene | 252 | 10.432 | 10.445 | -0.013 | 97 | 541350 | 30.8 | |
| 107 Benzo[k]fluoranthene | 252 | 10.451 | 10.451 | -0.020 | 1 | 175056 | 9.31 | Ma |
| 108 Benzo[a]pyrene | 252 | 10.755 | 10.753 | -0.013 | 96 | 353680 | 22.0 | |
| * 109 Perylene-d12 | 264 | 10.816 | 10.822 | -0.006 | 98 | 636381 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.926 | 11.931 | -0.018 | 98 | 216024 | 10.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| 111 Dibenz(a,h)anthracene | 278 | 11.933 | 11.933 | -0.027 | 45 | 56298 | 3.19 | a |
| 112 Benzo[g,h,i]perylene | 276 | 12.234 | 12.230 | -0.013 | 92 | 192466 | 12.0 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

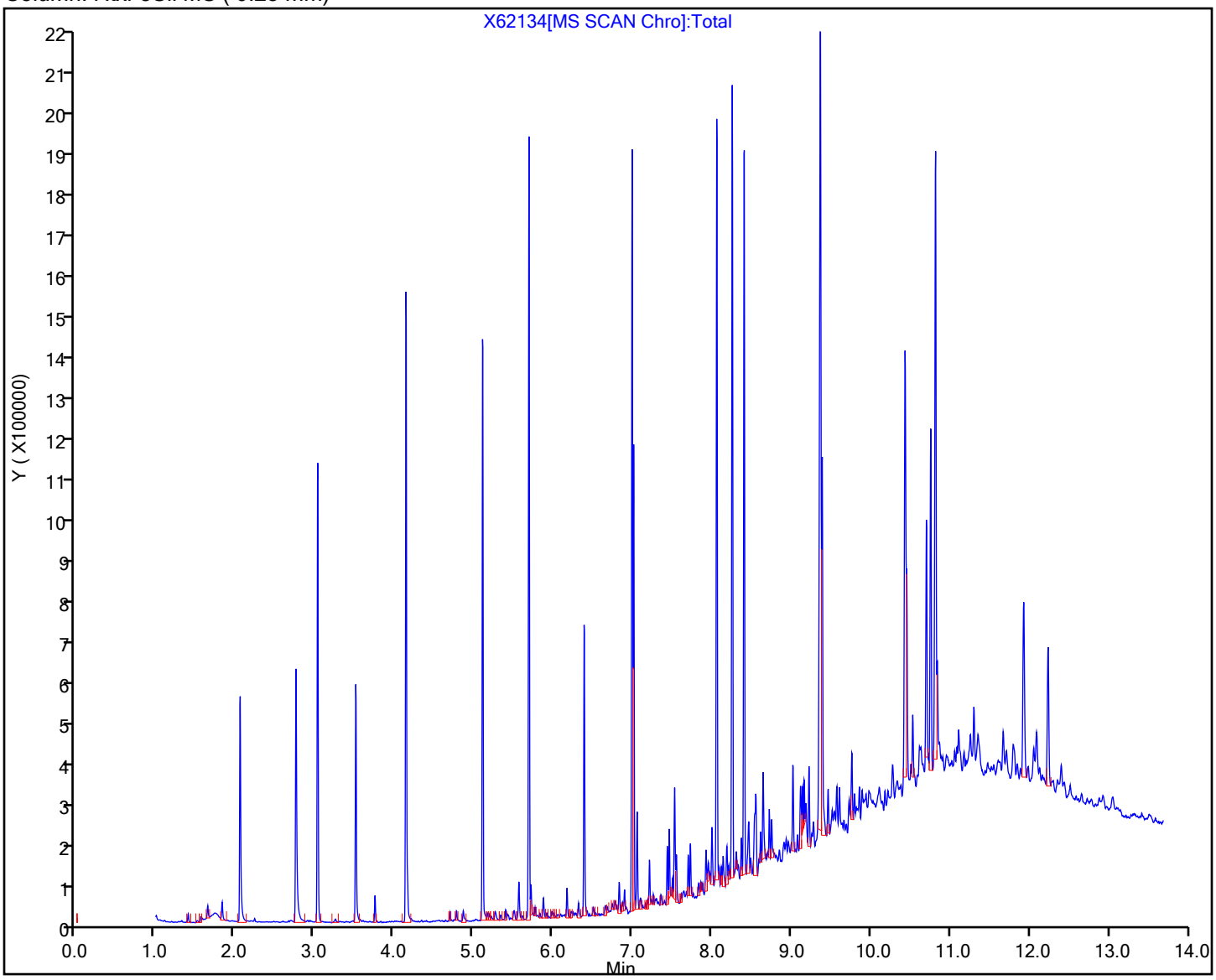
Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d
Lims ID: 460-319954-E-6-C
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 10-Feb-2025 20:07:30 ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186725-033
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 11-Feb-2025 12:29:10 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1720

First Level Reviewer: V5XH Date: 11-Feb-2025 12:29:10

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 31.9 | 63.88 |
| $ 6 Phenol-d5 | 50.0 | 31.9 | 63.72 |
| $ 26 Nitrobenzene-d5 | 50.0 | 30.3 | 60.54 |
| $ 51 2-Fluorobiphenyl | 50.0 | 31.9 | 63.83 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 32.9 | 65.87 |
| $ 96 Terphenyl-d14 | 50.0 | 32.6 | 65.24 |

Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

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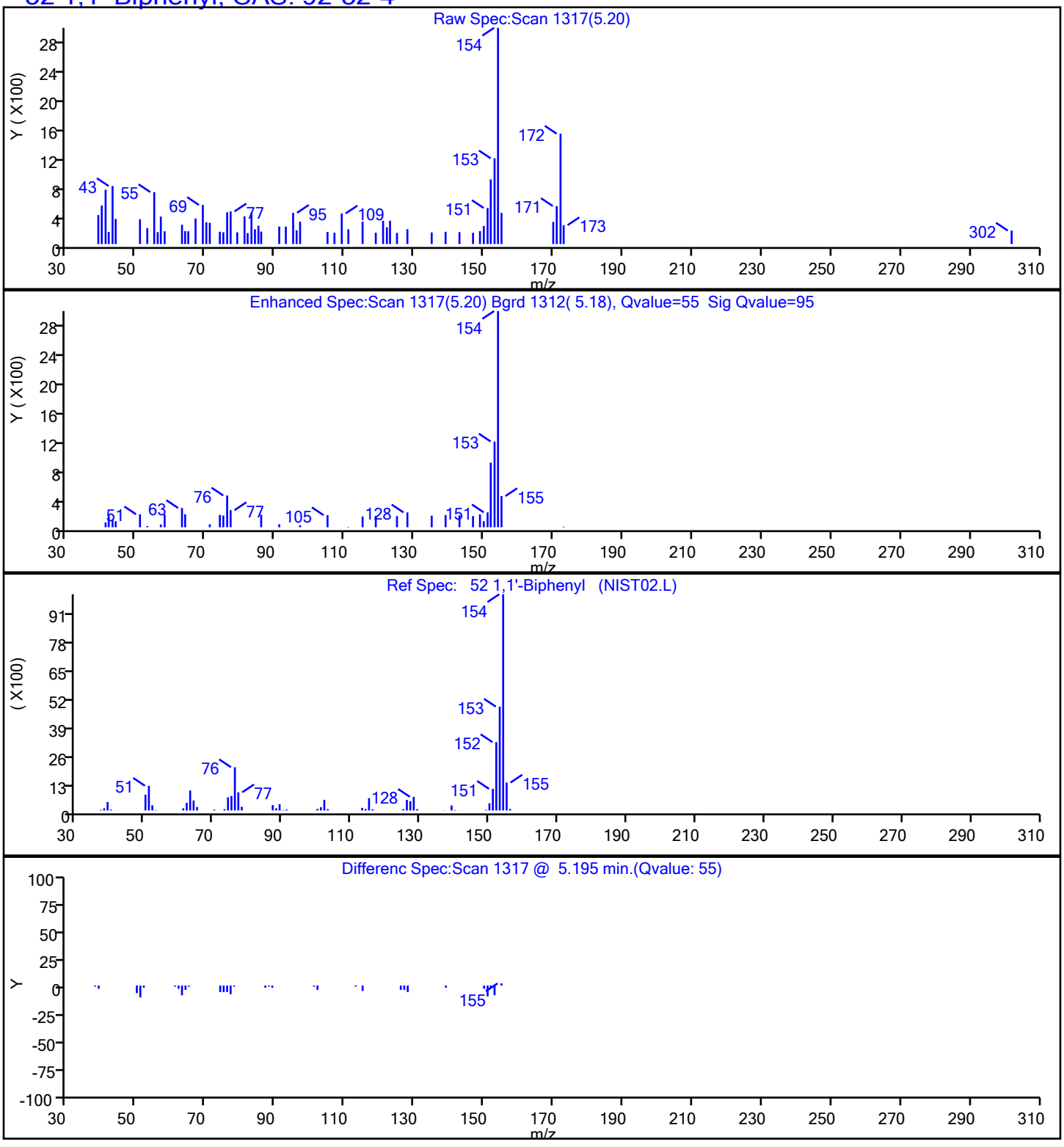
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4



Eurofins Edison

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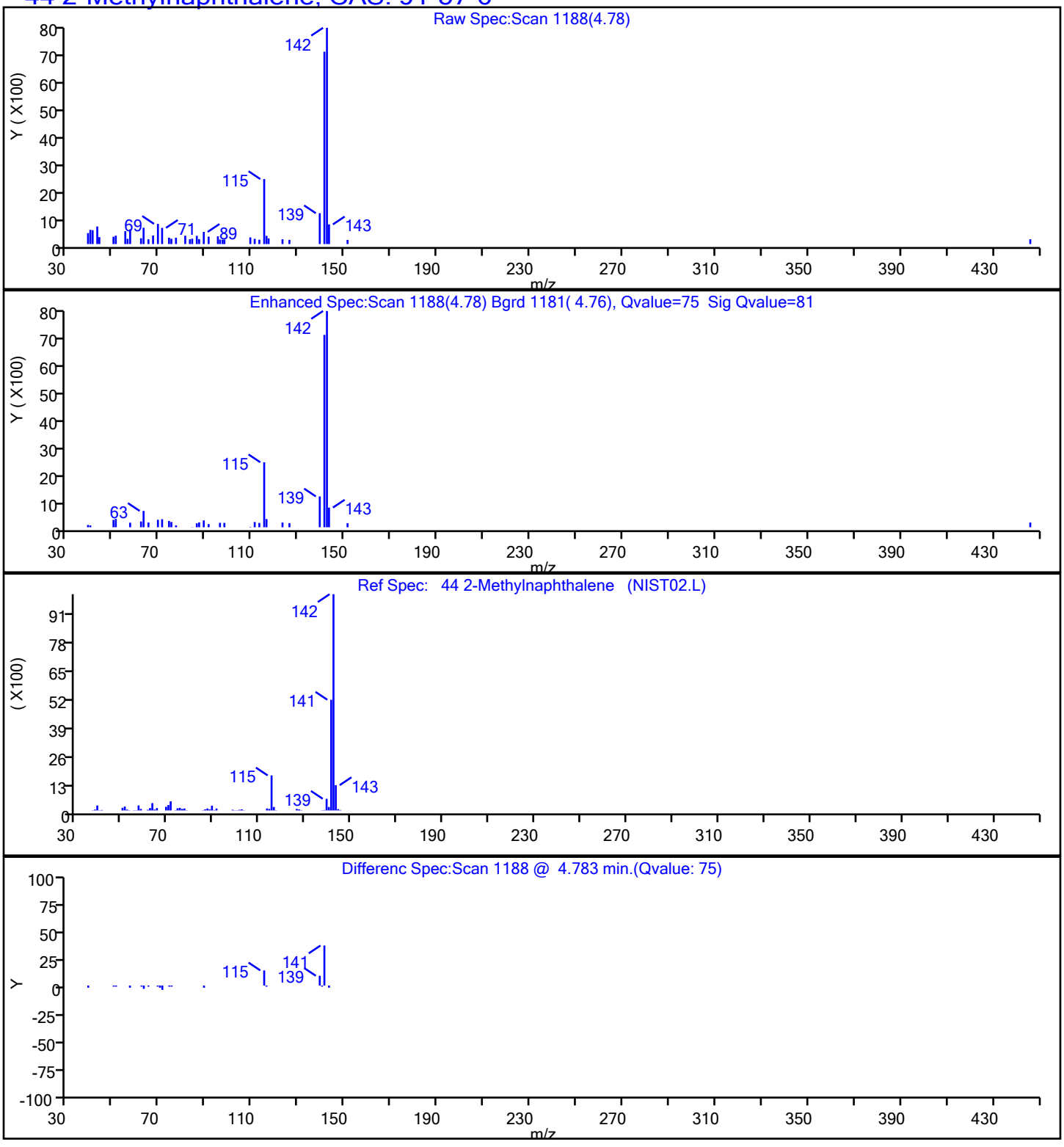
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 44 2-Methylnaphthalene, CAS: 91-57-6



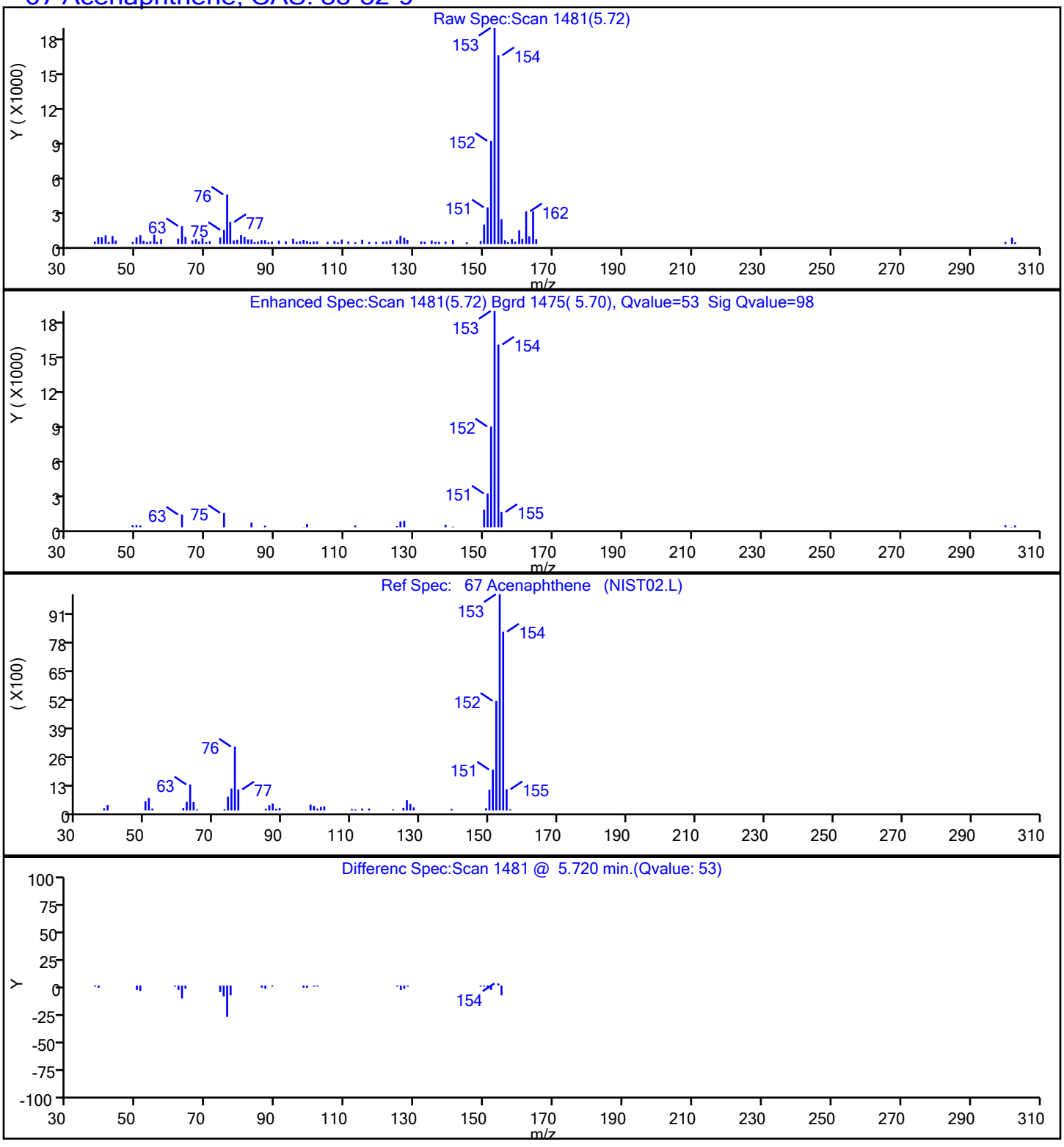
Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | |
|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 |
| Client ID: | DUP_02052025 | | |
| Operator ID: | | ALS Bottle#: | 33 Worklist Smp#: 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN |

## 67 Acenaphthene, CAS: 83-32-9



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Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

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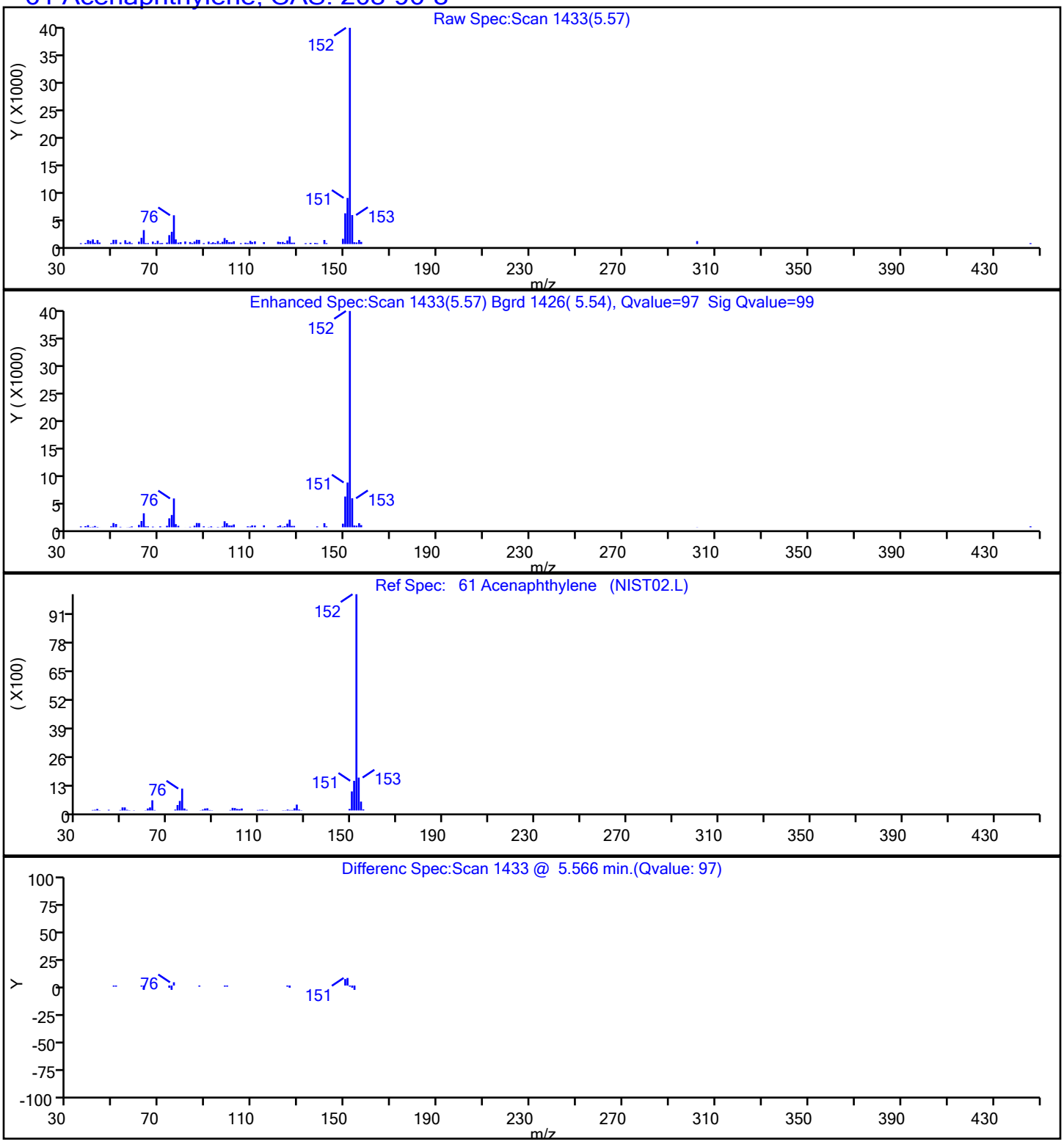
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 61 Acenaphthylene, CAS: 208-96-8



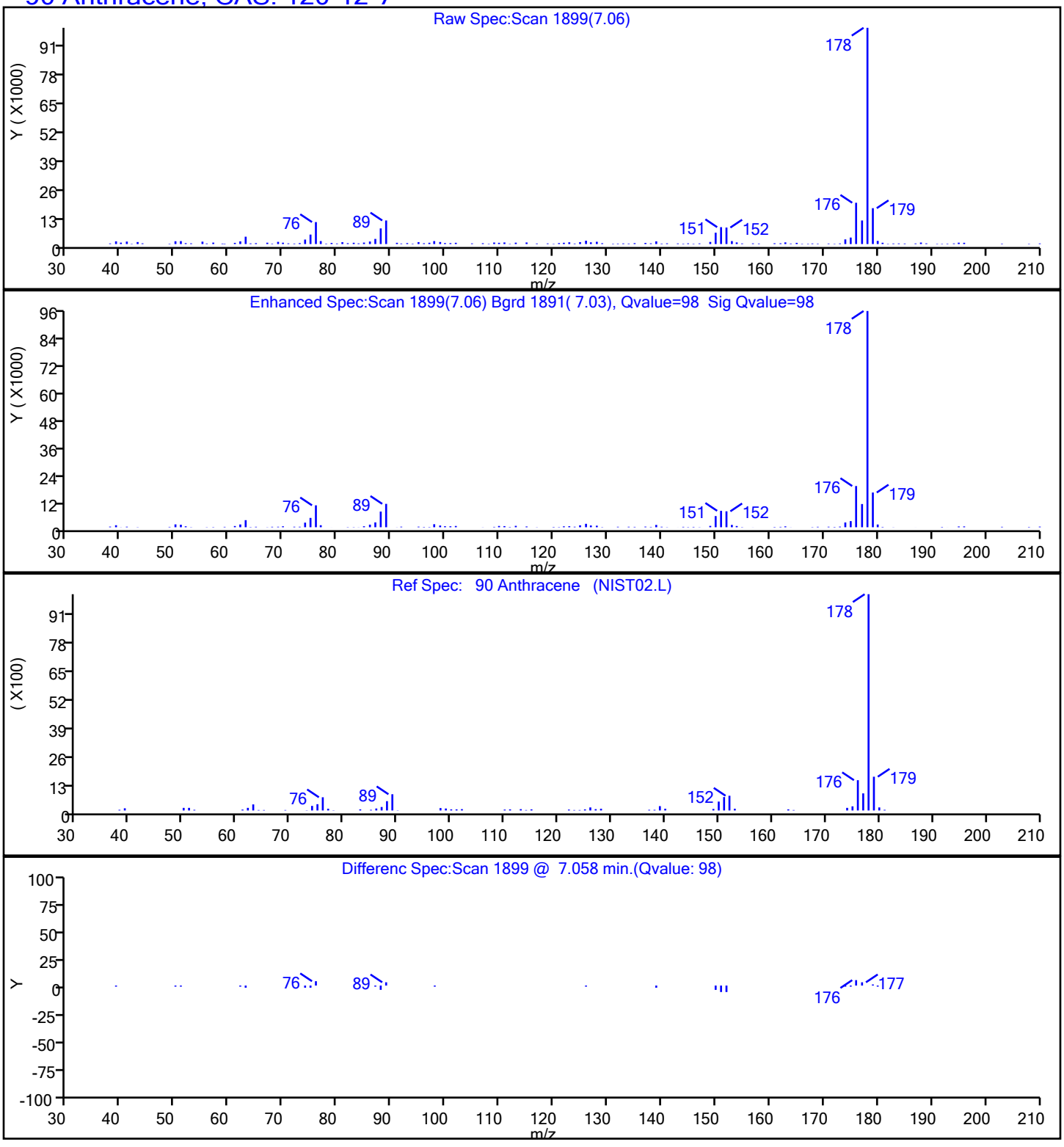
Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 90 Anthracene, CAS: 120-12-7



Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

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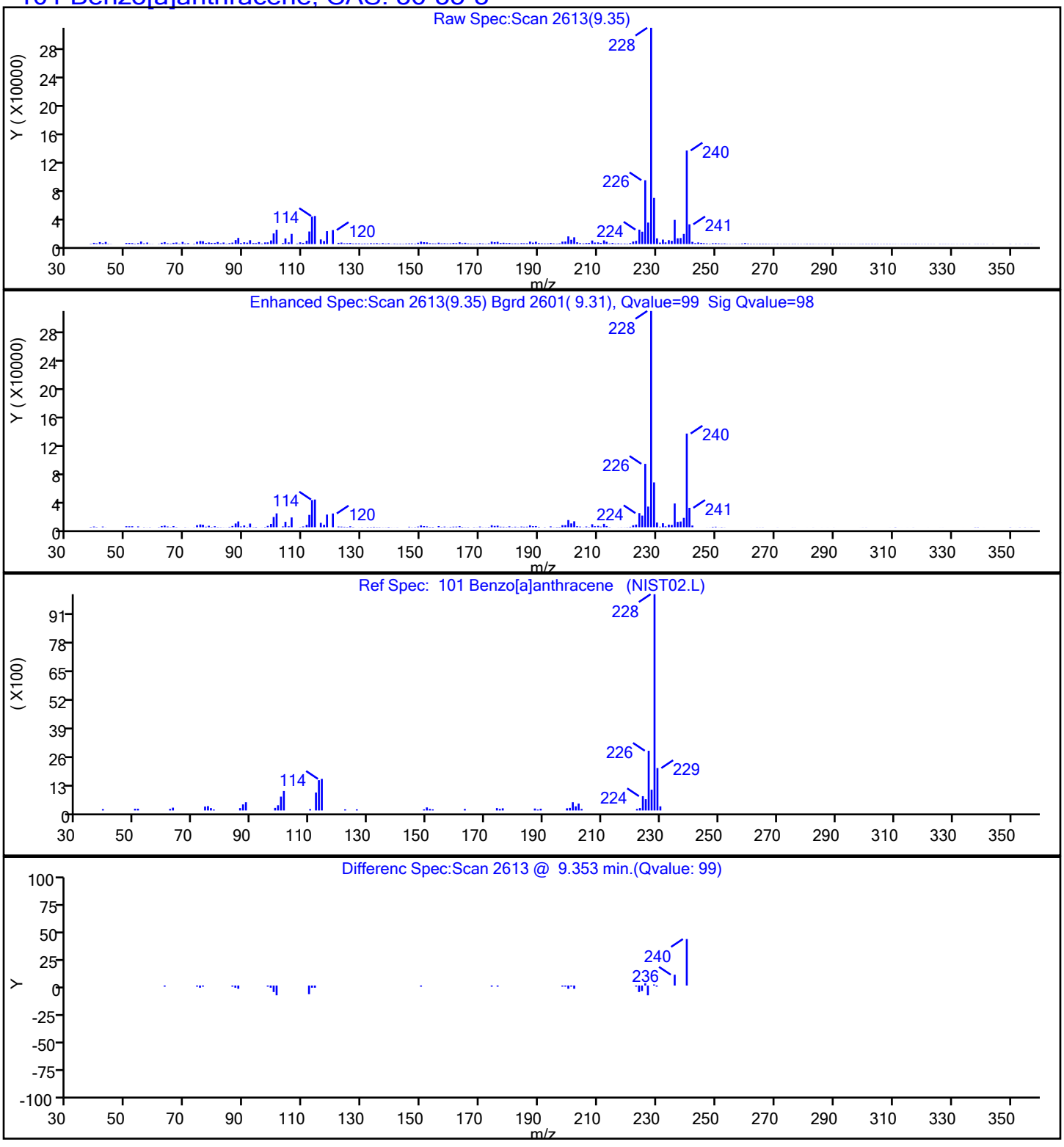
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3



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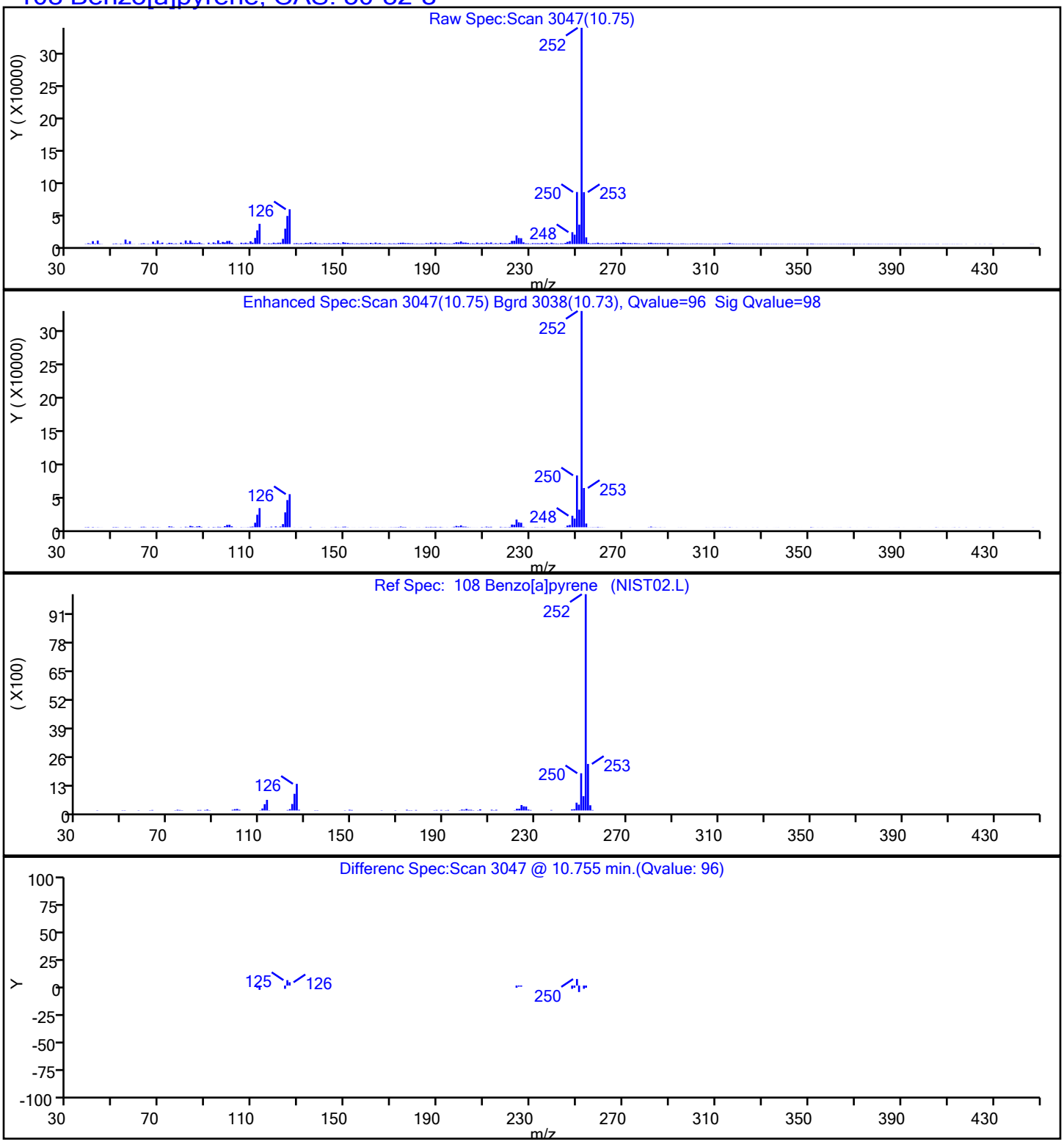
Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8



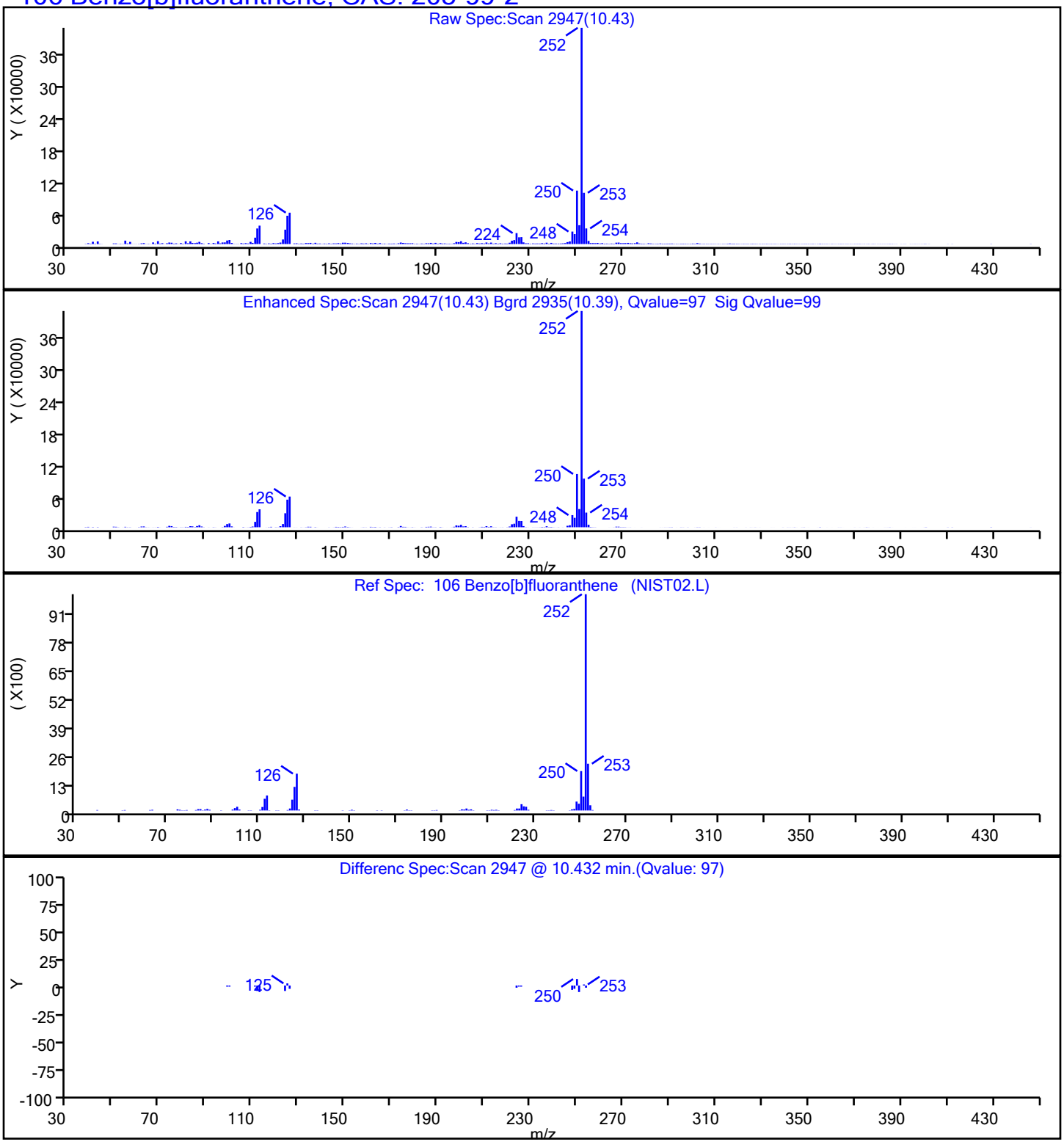
Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 106 Benzo[b]fluoranthene, CAS: 205-99-2



Eurofins Edison

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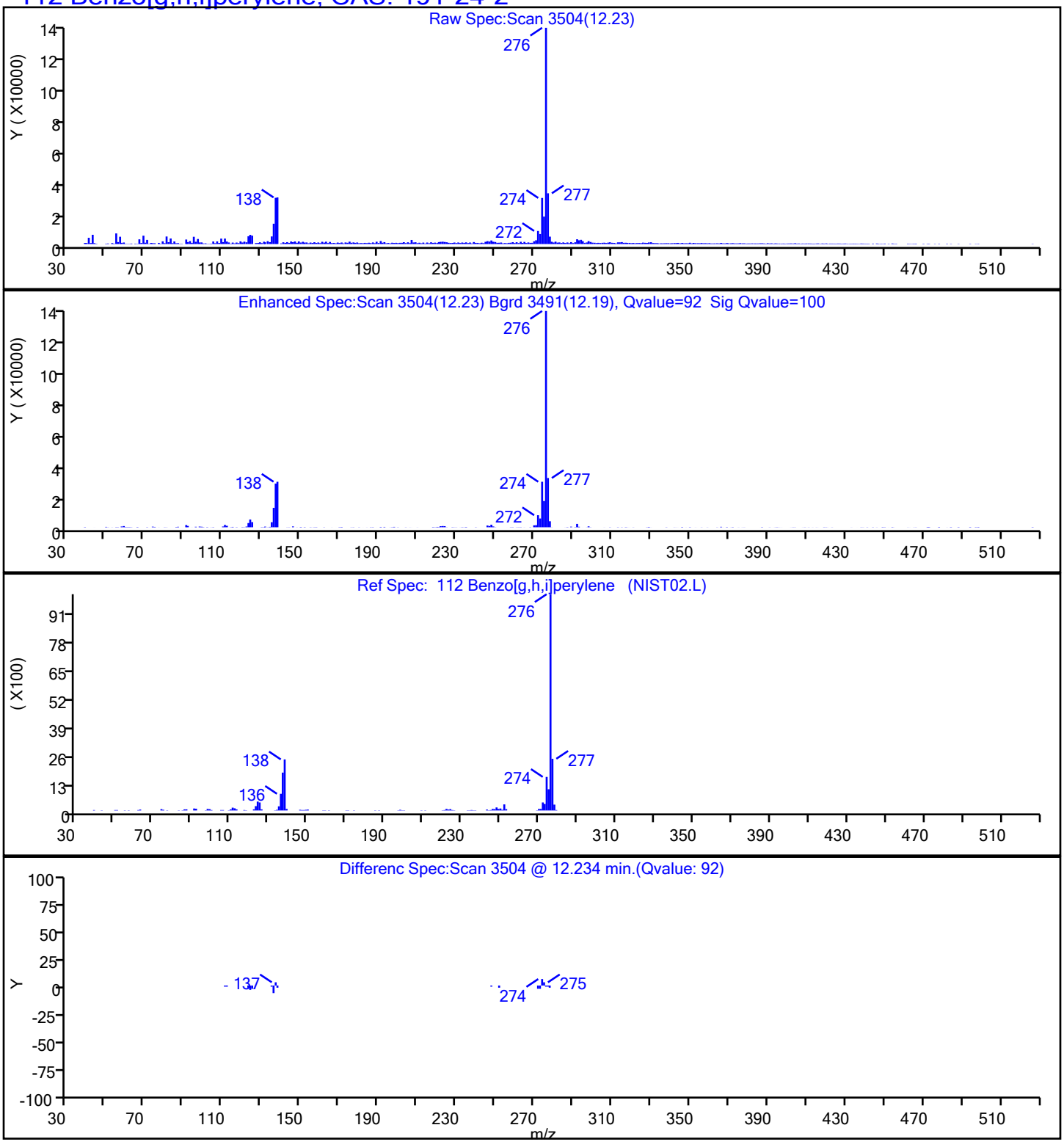
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 112 Benzo[g,h,i]perylene, CAS: 191-24-2



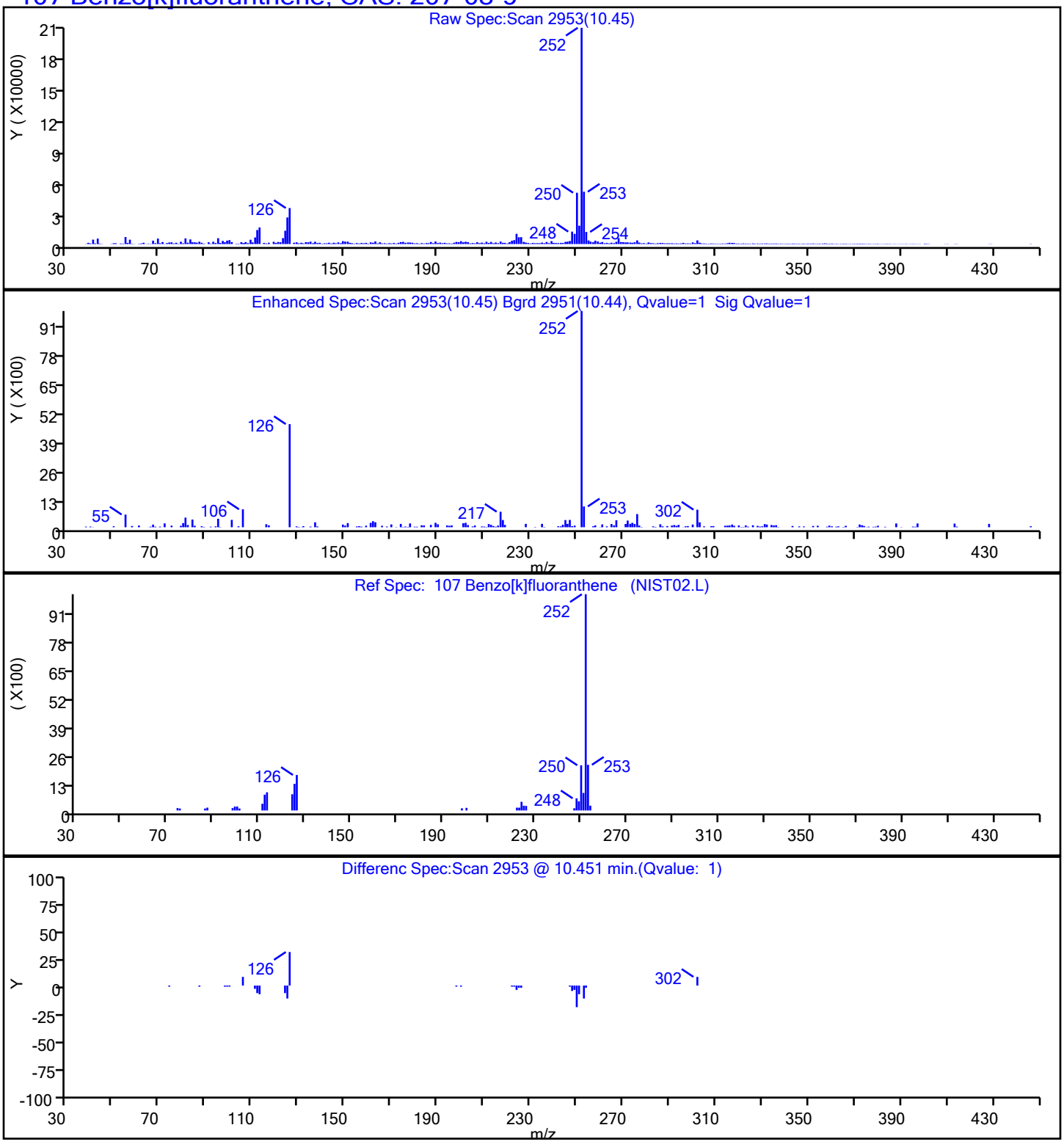
Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9



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Eurofins Edison

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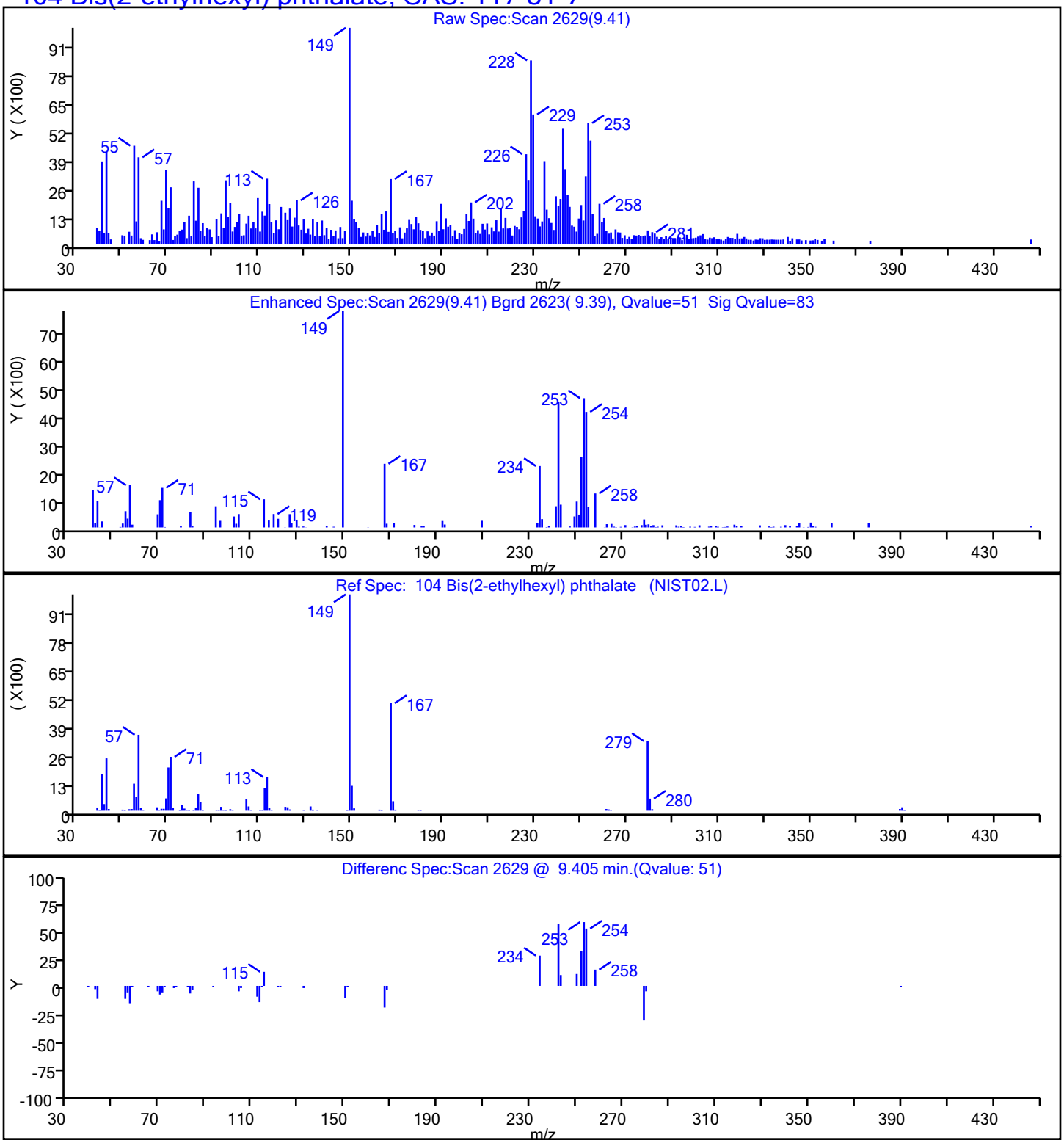
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d | | | | |
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Bis(2-ethylhexyl) phthalate, CAS: 117-81-7



Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

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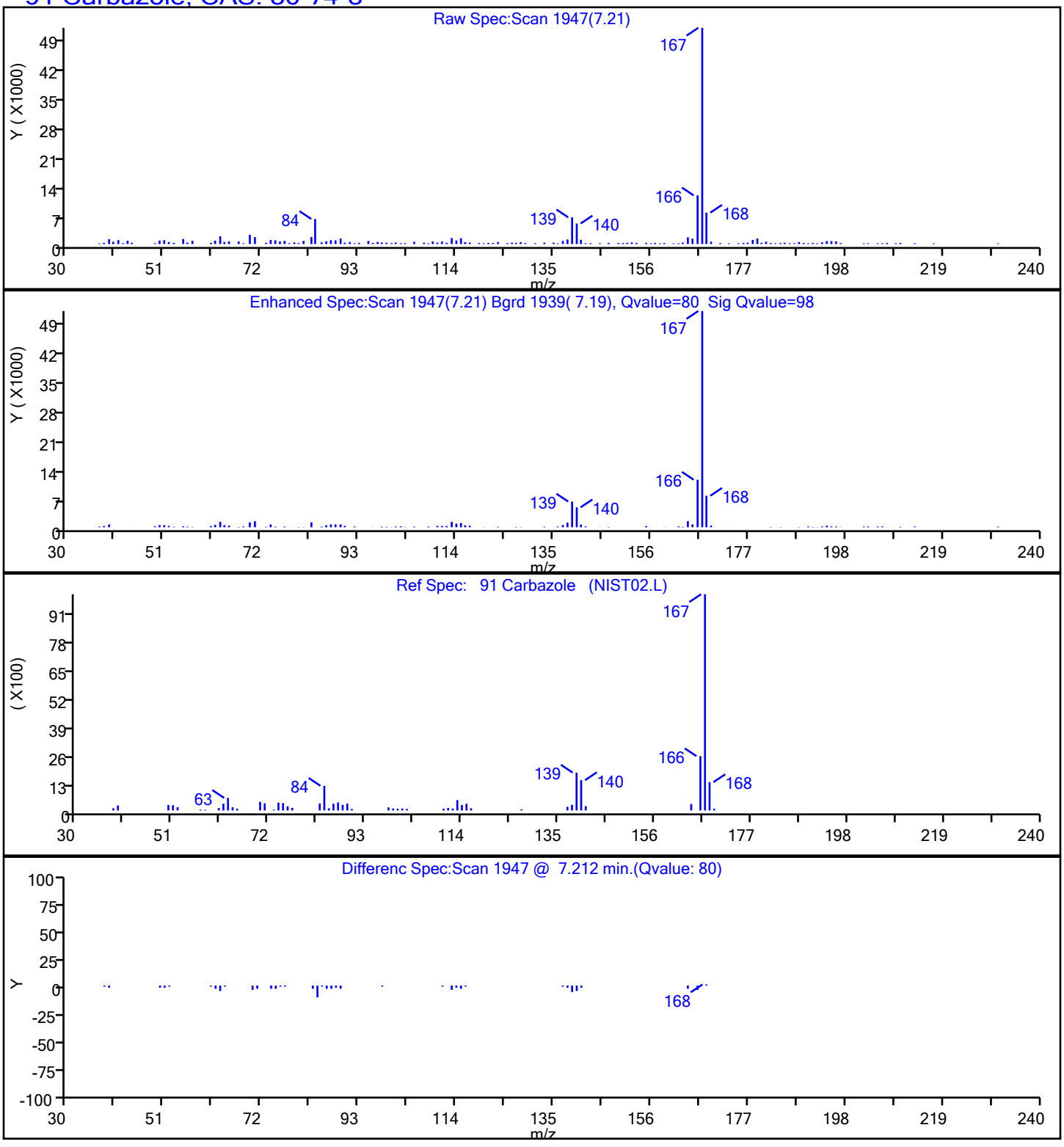
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 91 Carbazole, CAS: 86-74-8



Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
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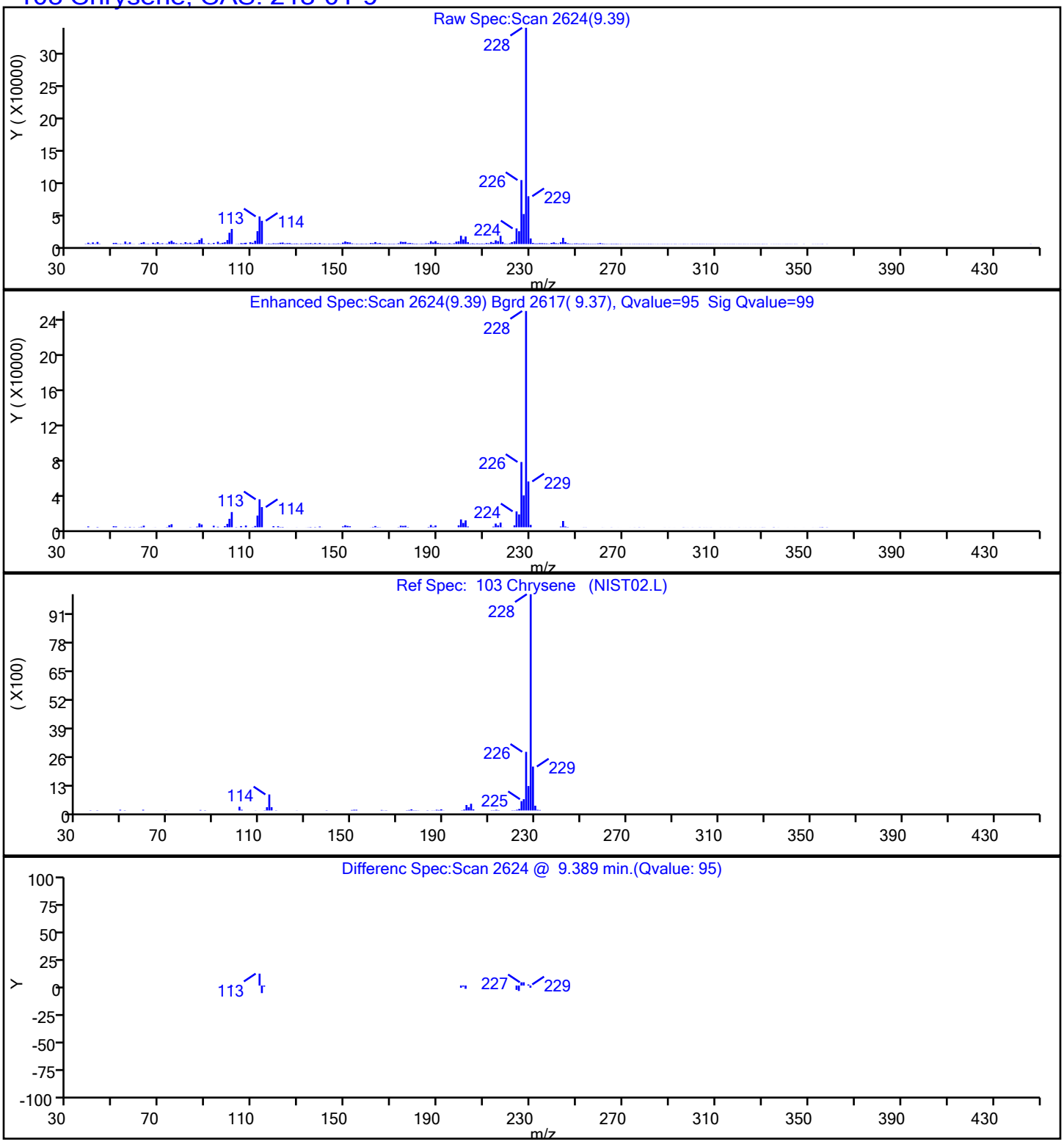
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 103 Chrysene, CAS: 218-01-9



Eurofins Edison

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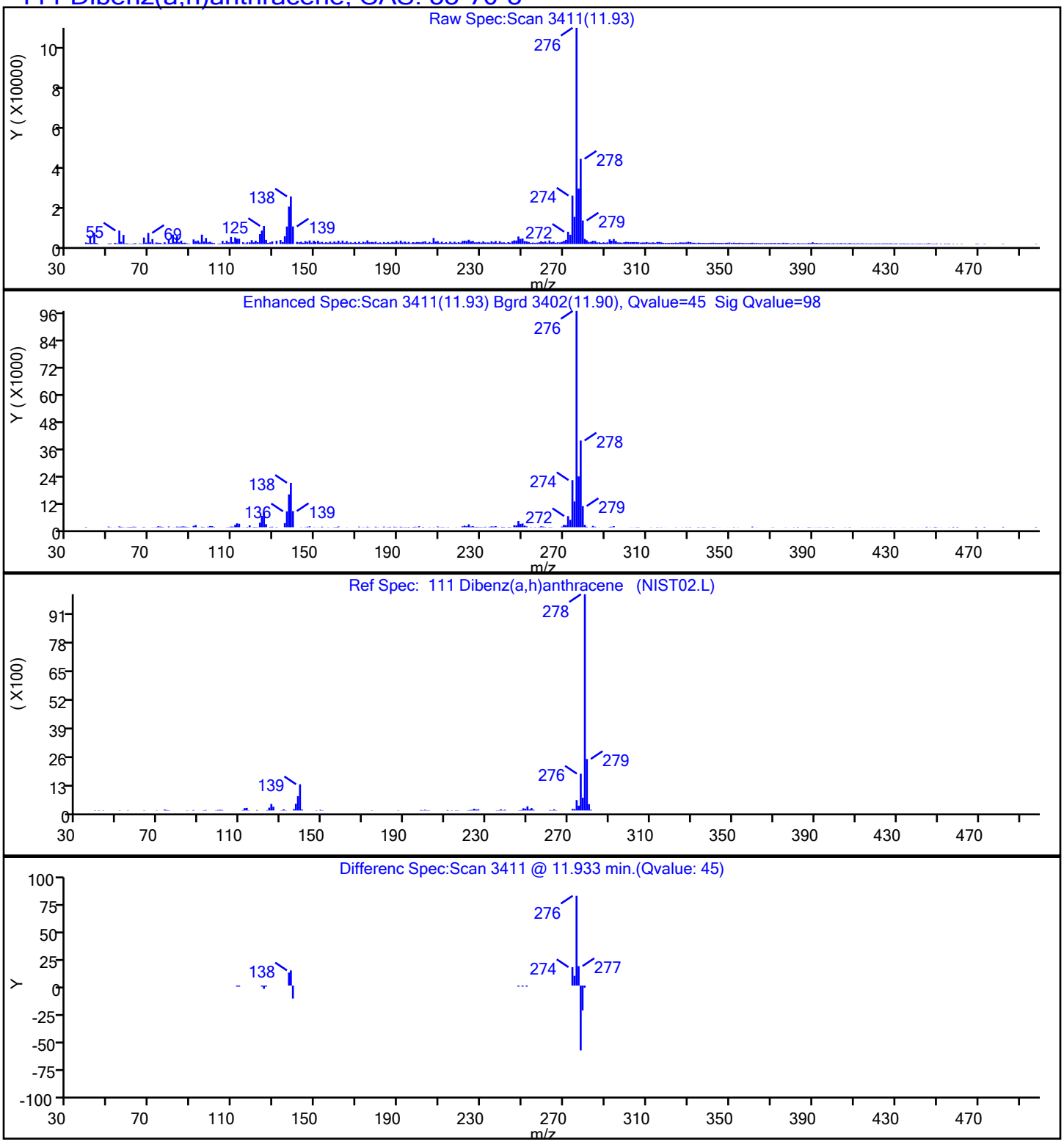
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

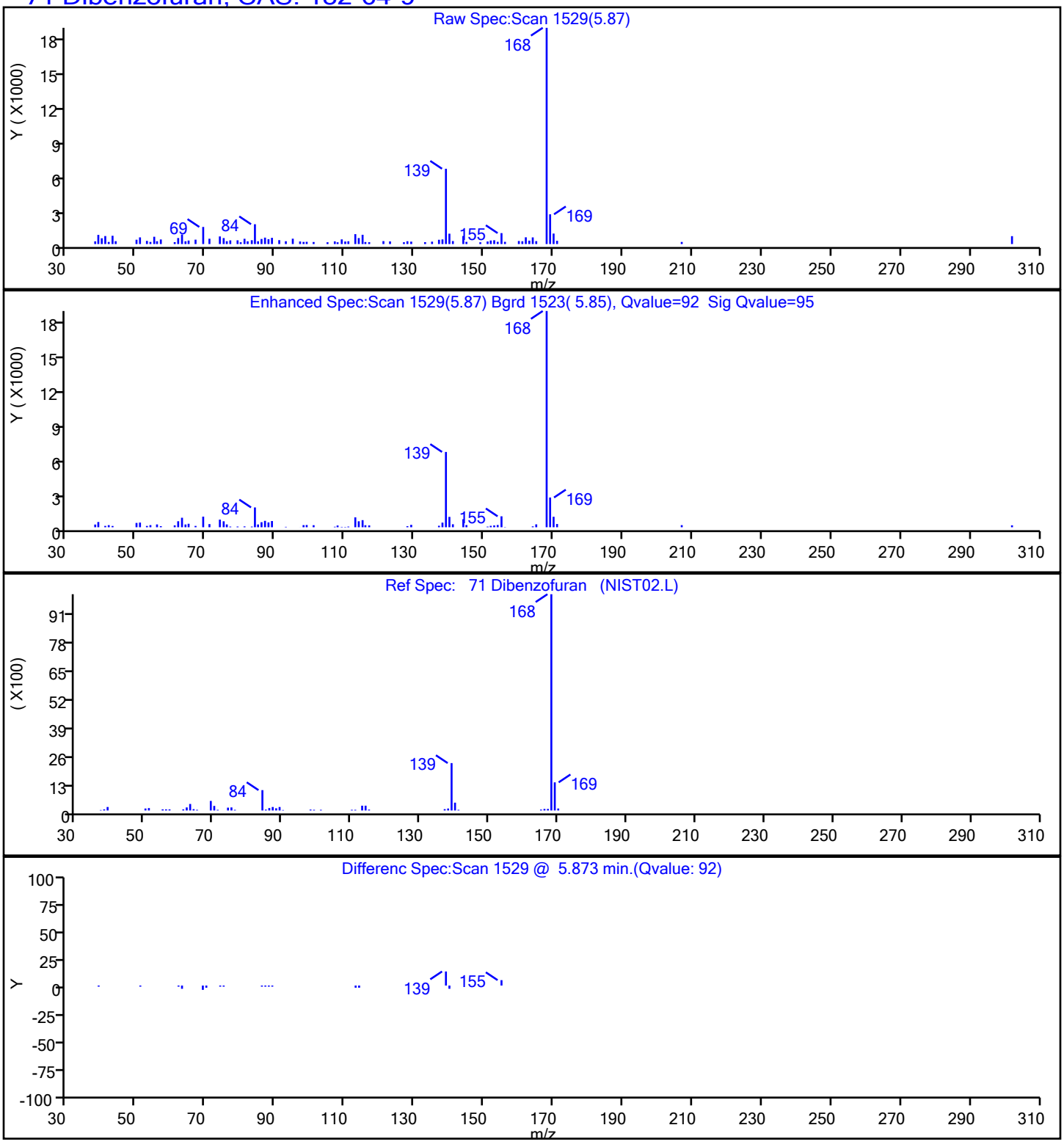
## 111 Dibenz(a,h)anthracene, CAS: 53-70-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d
Injection Date: 10-Feb-2025 20:07:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-6-C Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 71 Dibenzofuran, CAS: 132-64-9



Eurofins Edison

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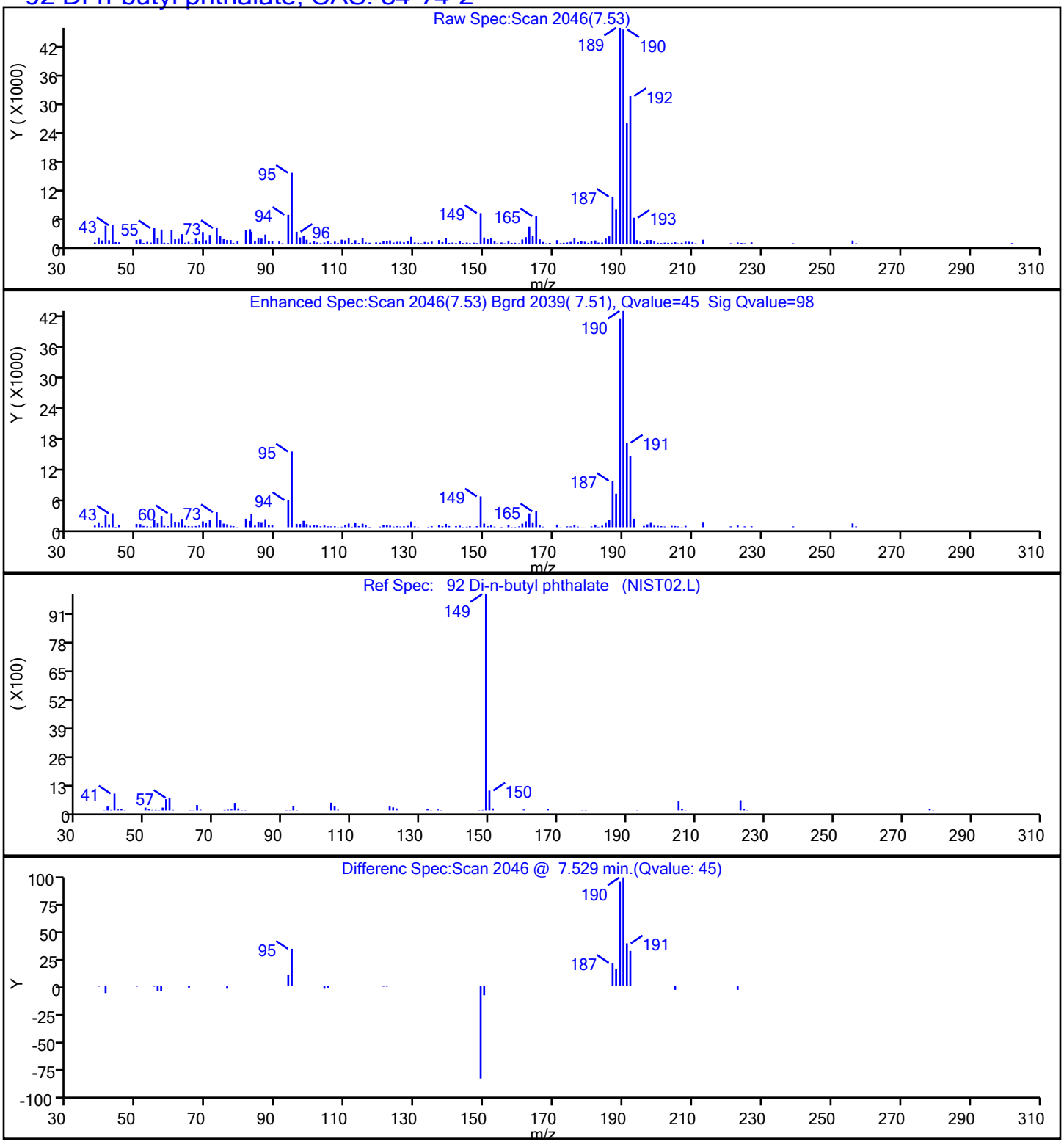
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 92 Di-n-butyl phthalate, CAS: 84-74-2



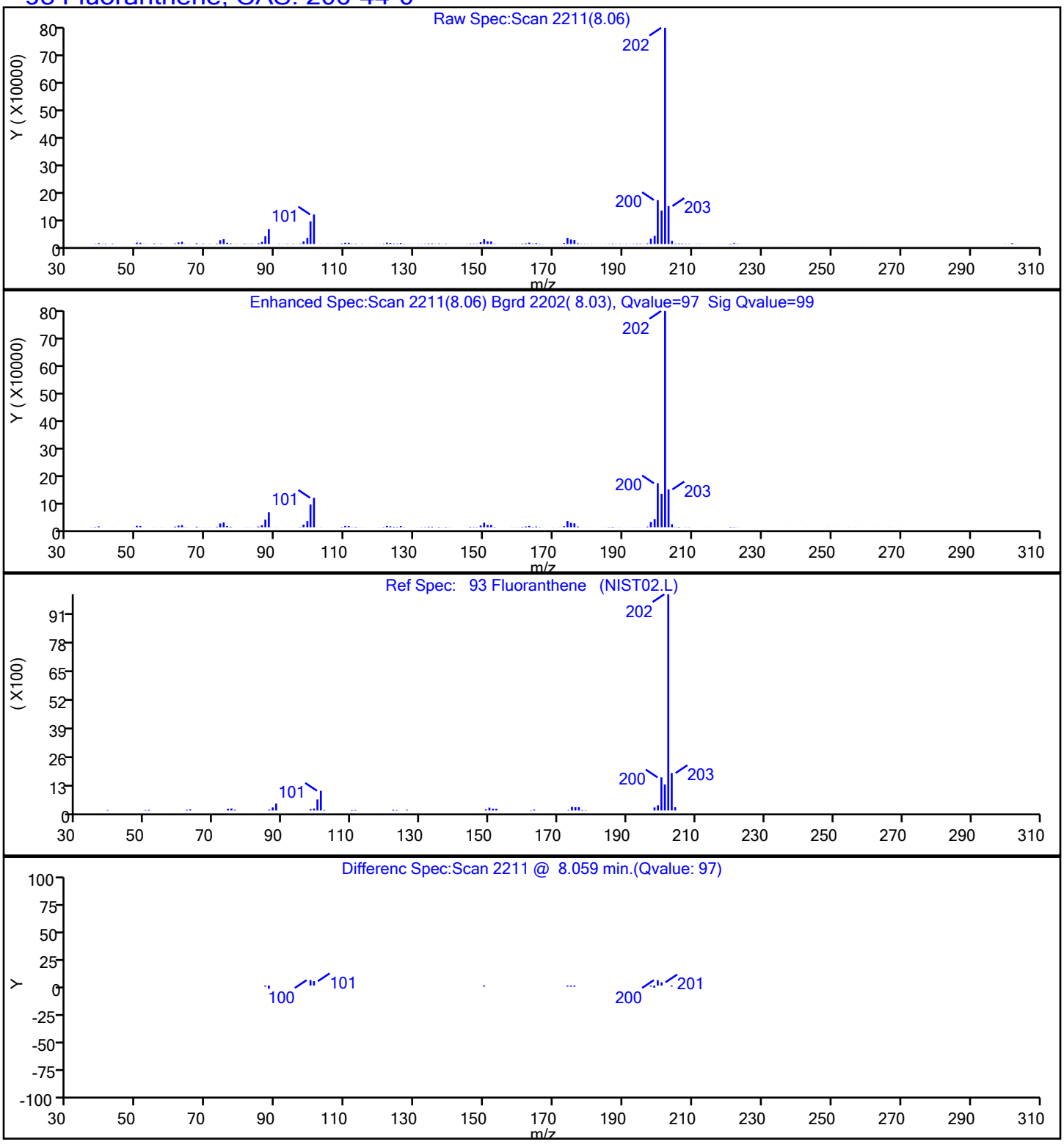
Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 93 Fluoranthene, CAS: 206-44-0



Eurofins Edison

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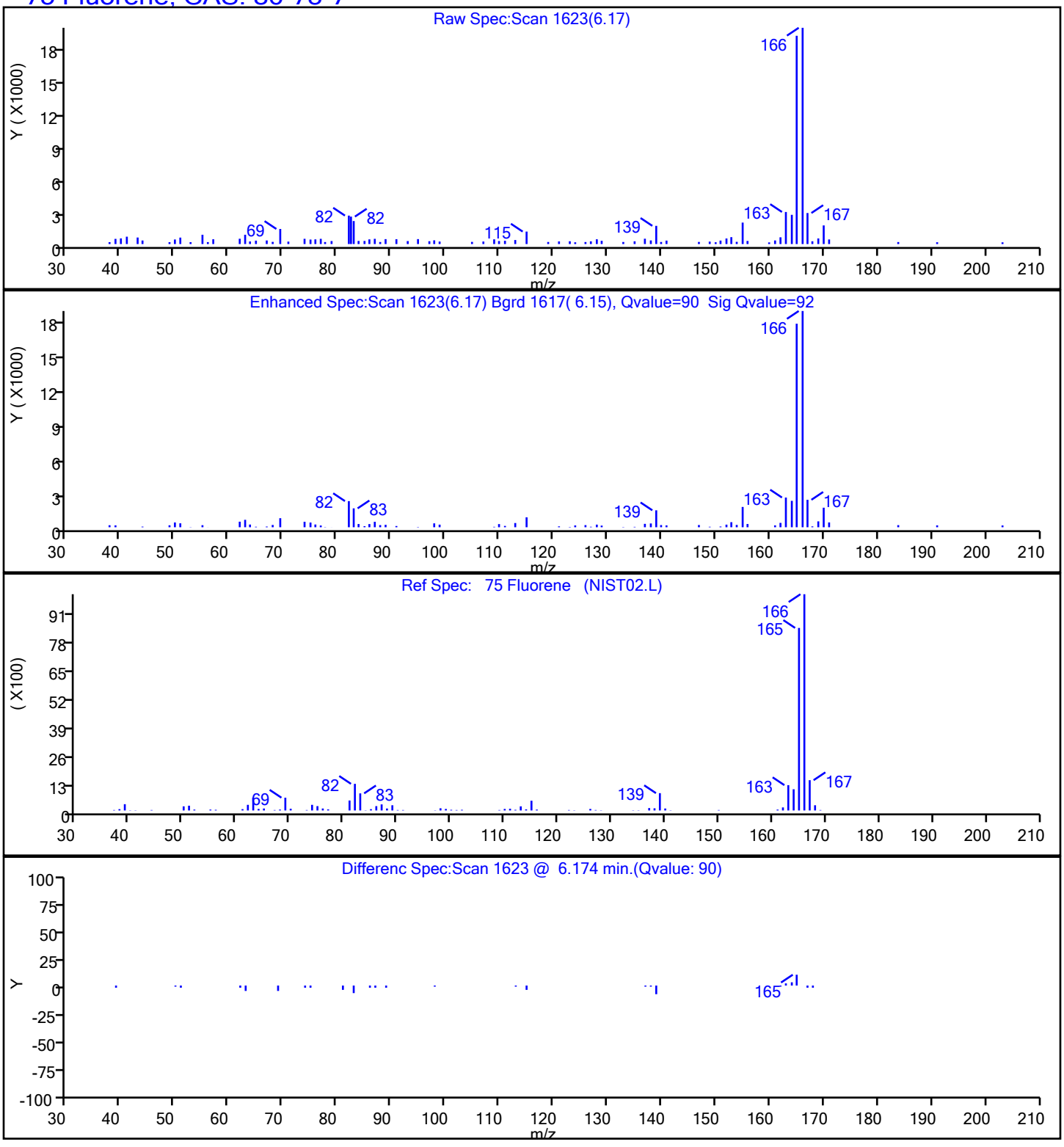
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 75 Fluorene, CAS: 86-73-7



Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

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|---|---|---|---|---|---|
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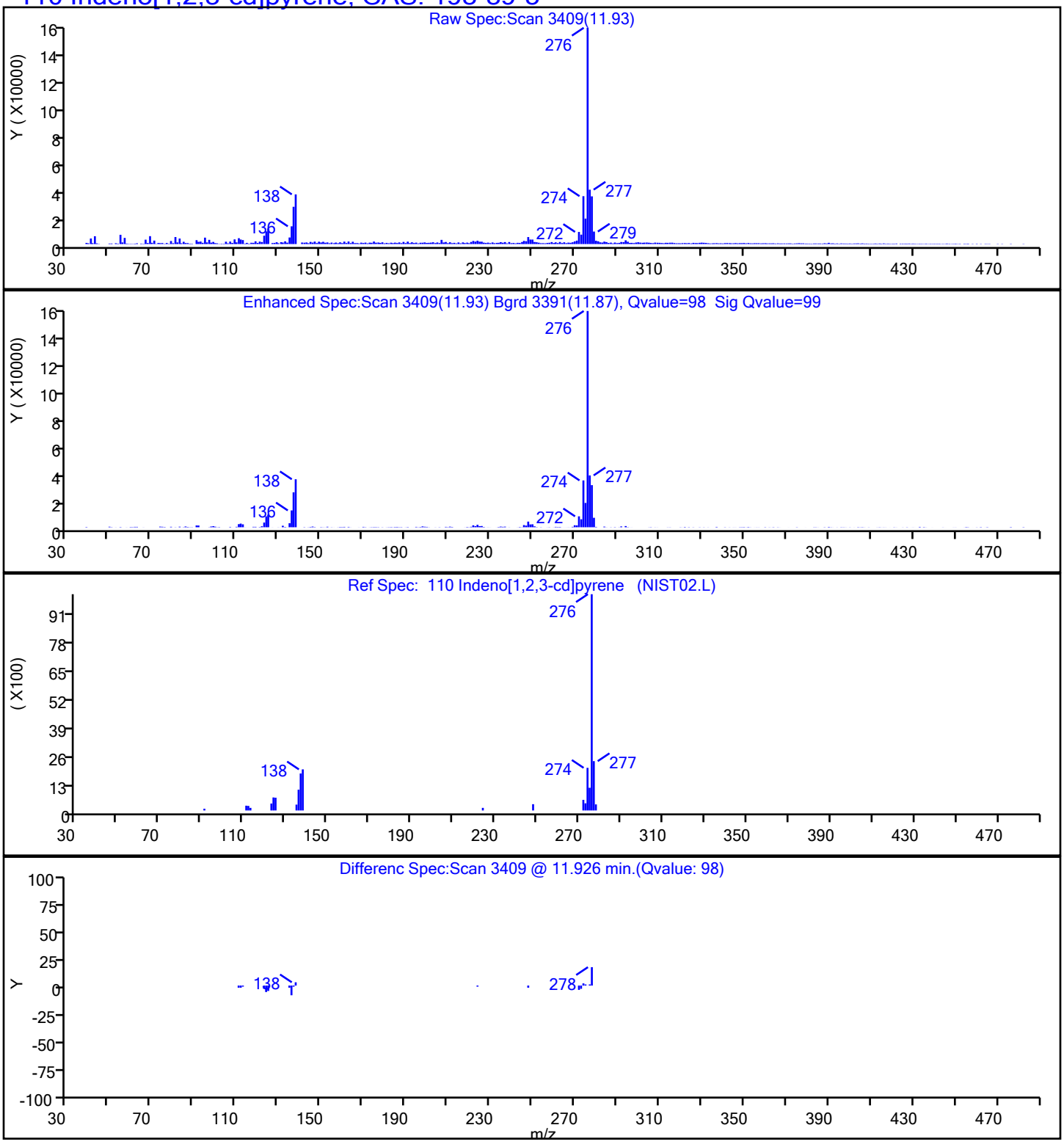
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5



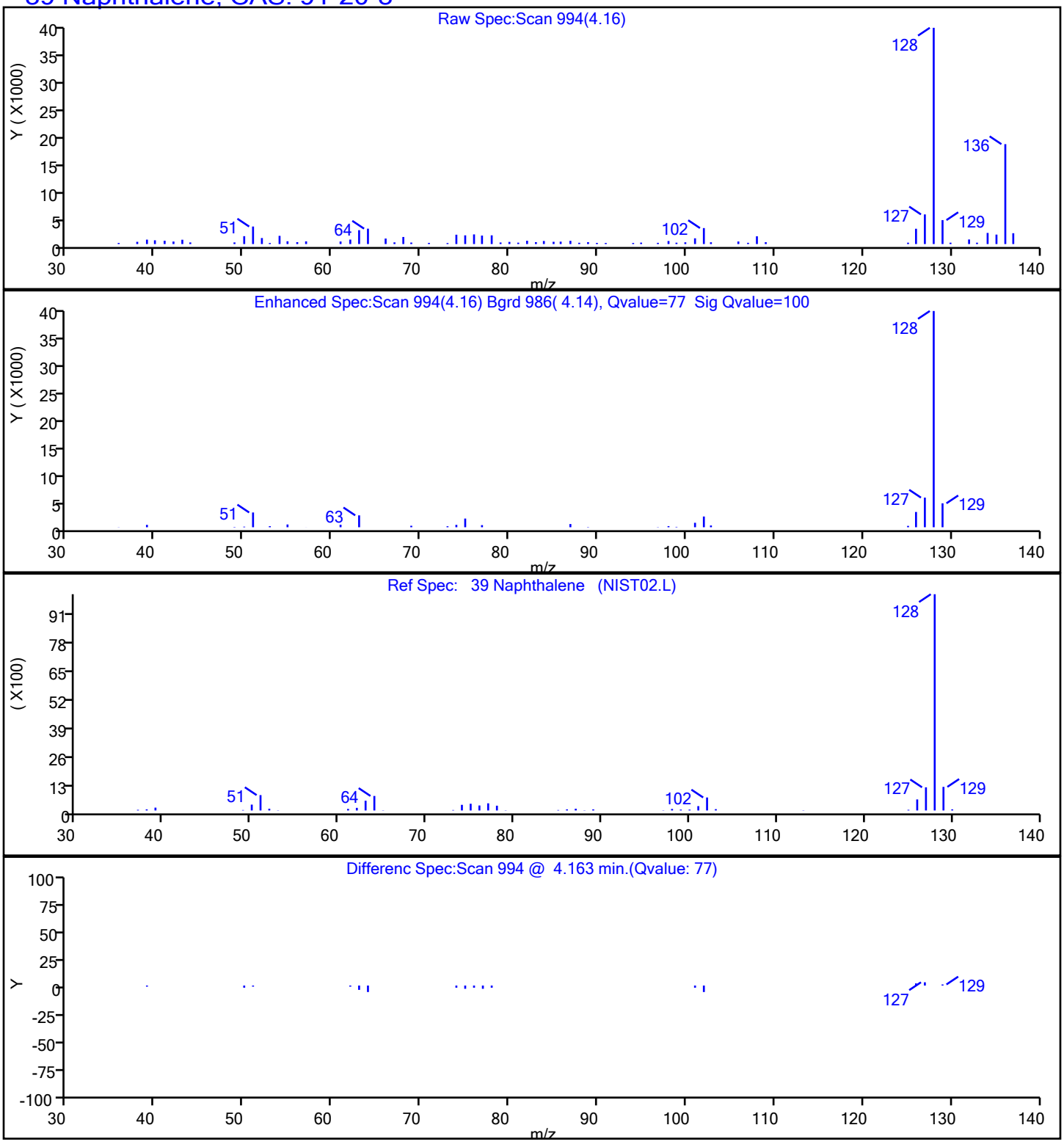
Report Date: 11-Feb-2025 12:29:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

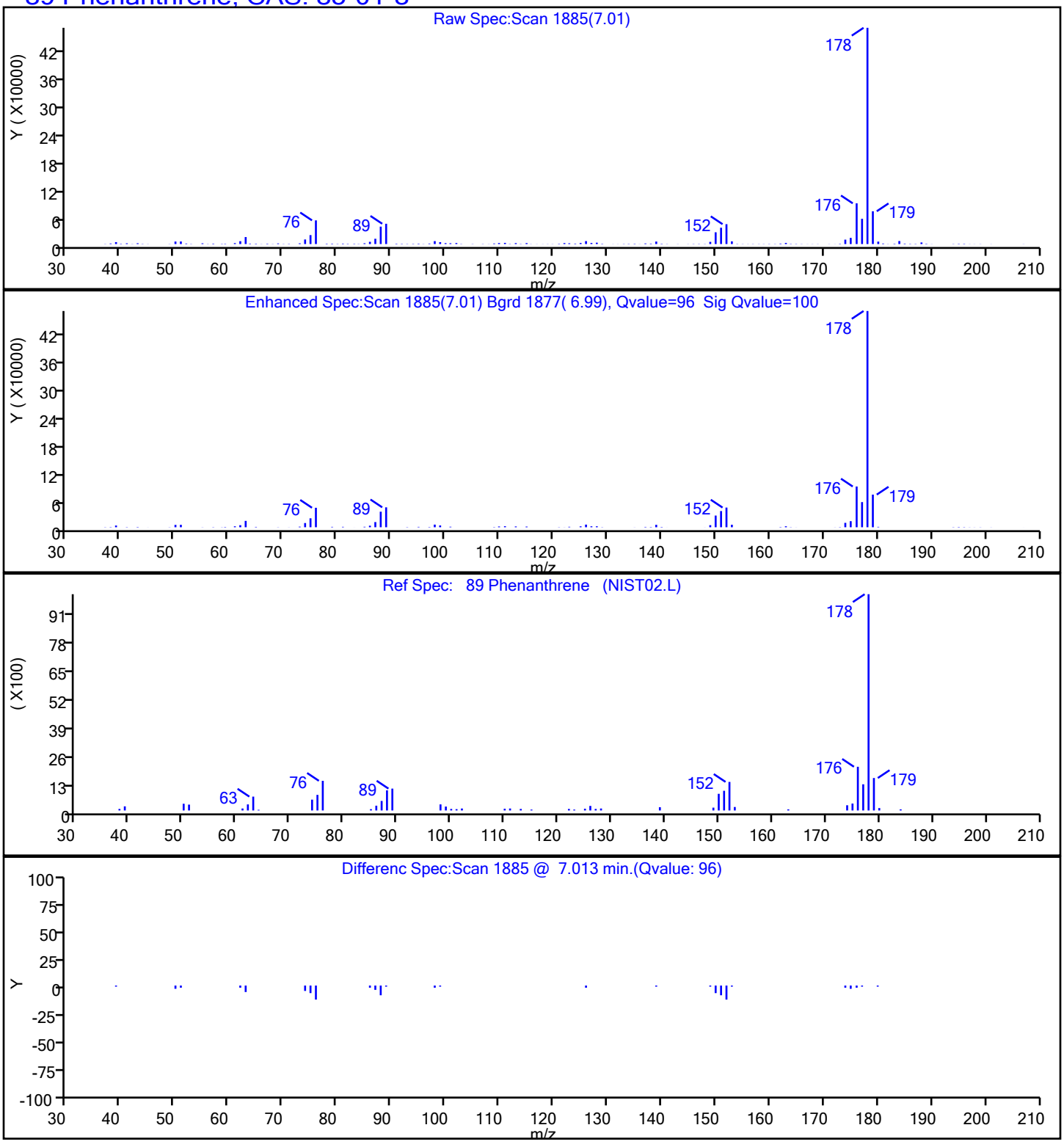
## 39 Naphthalene, CAS: 91-20-3



Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d
Injection Date: 10-Feb-2025 20:07:30 Instrument ID: CBNAMS5
Lims ID: 460-319954-E-6-C Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 33 Worklist Smp#: 33
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 89 Phenanthrene, CAS: 85-01-8



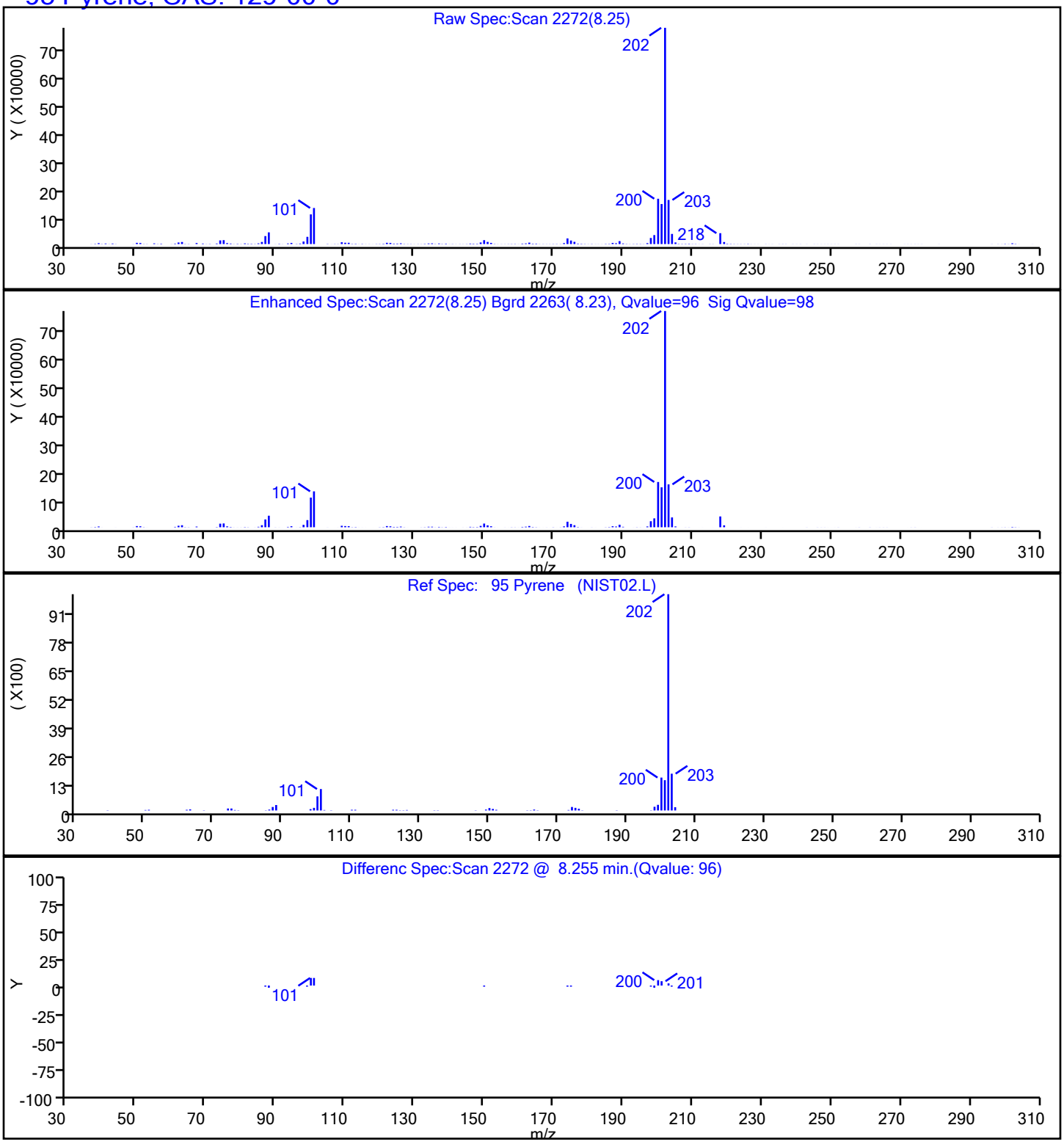
Report Date: 11-Feb-2025 12:29:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 95 Pyrene, CAS: 129-00-0



Manual Integration/User Assign Peak Report

Eurofins Edison

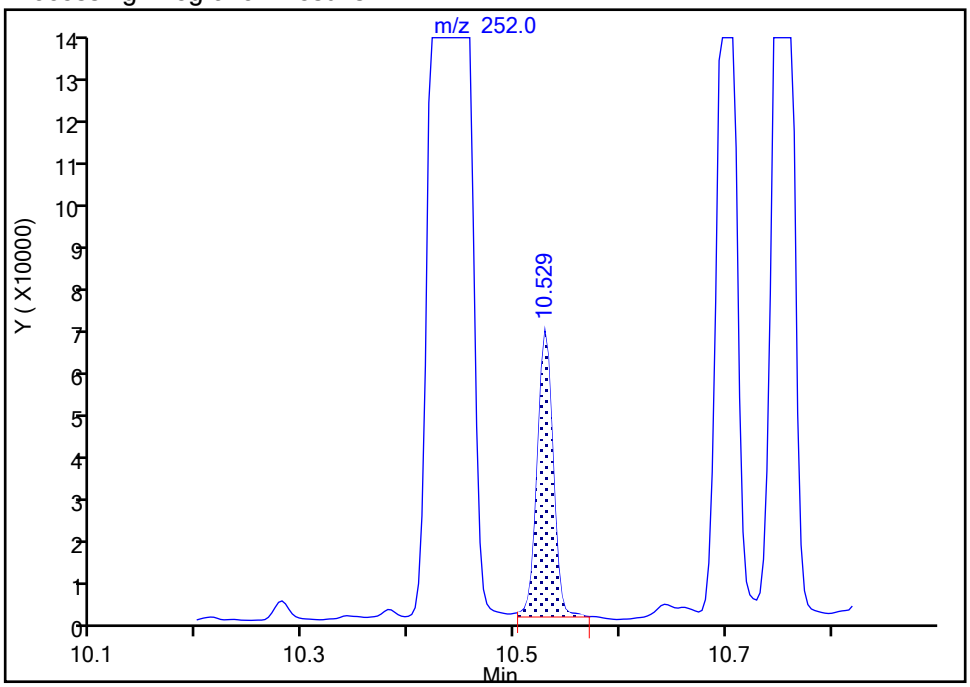
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d | | | | |
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 107 Benzo[k]fluoranthene, CAS: 207-08-9

Signal: 1

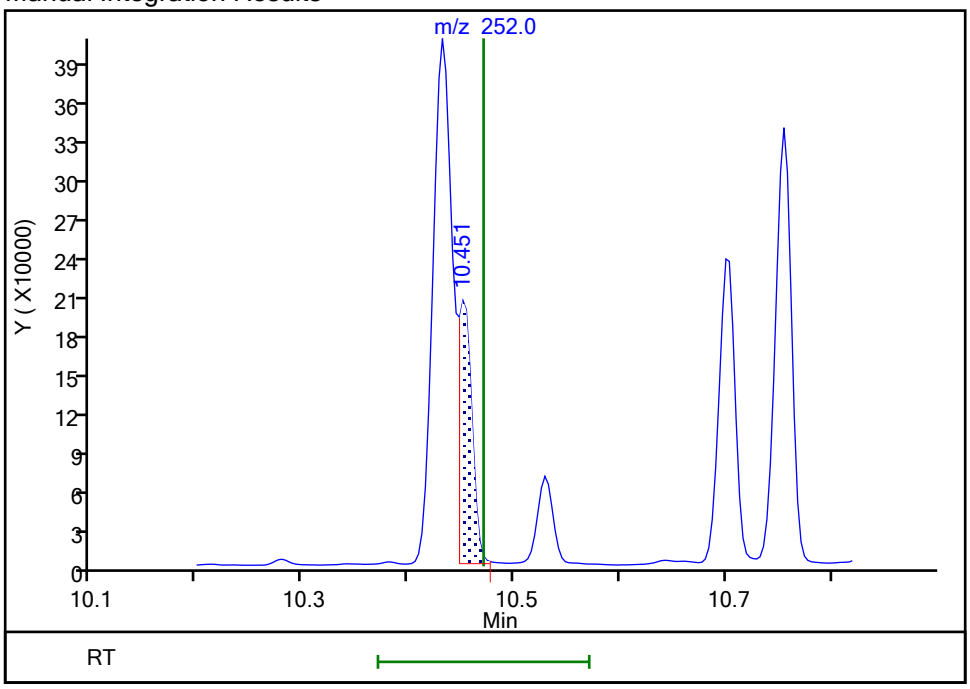
Processing Integration Results

RT: 10.53
Area: 69690
Amount: 3.706575
Amount Units: ug/ml




Manual Integration Results

RT: 10.45
Area: 175056
Amount: 9.310635
Amount Units: ug/ml




Reviewer: V5XH, 11-Feb-2025 12:29:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

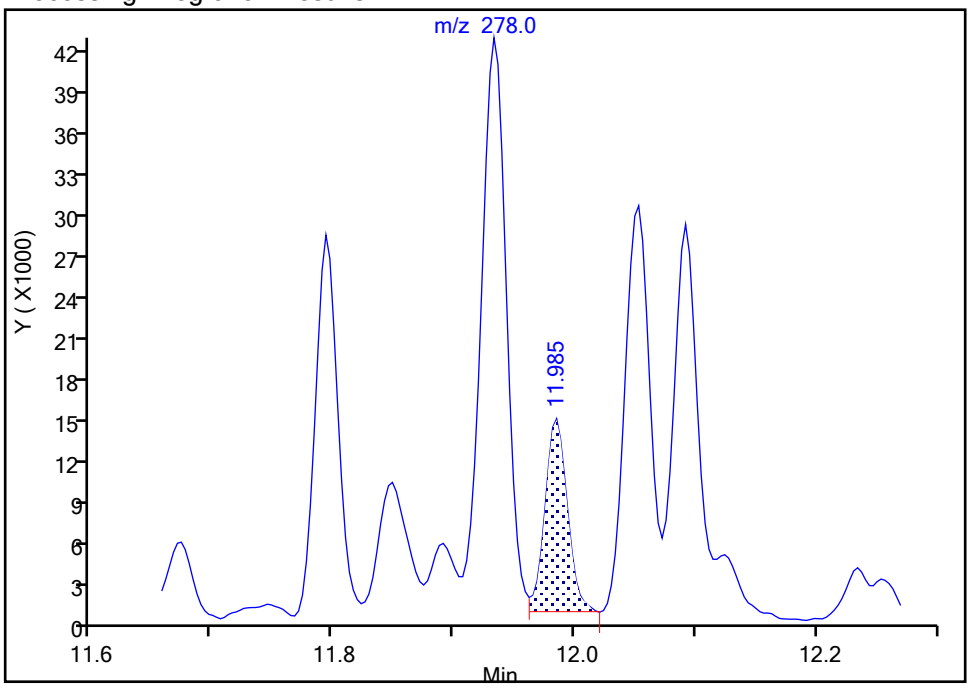
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62134.d | | | | |
| Injection Date: | 10-Feb-2025 20:07:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | 460-319954-E-6-C | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 33 | Worklist Smp#: | 33 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 111 Dibenz(a,h)anthracene, CAS: 53-70-3

Signal: 1

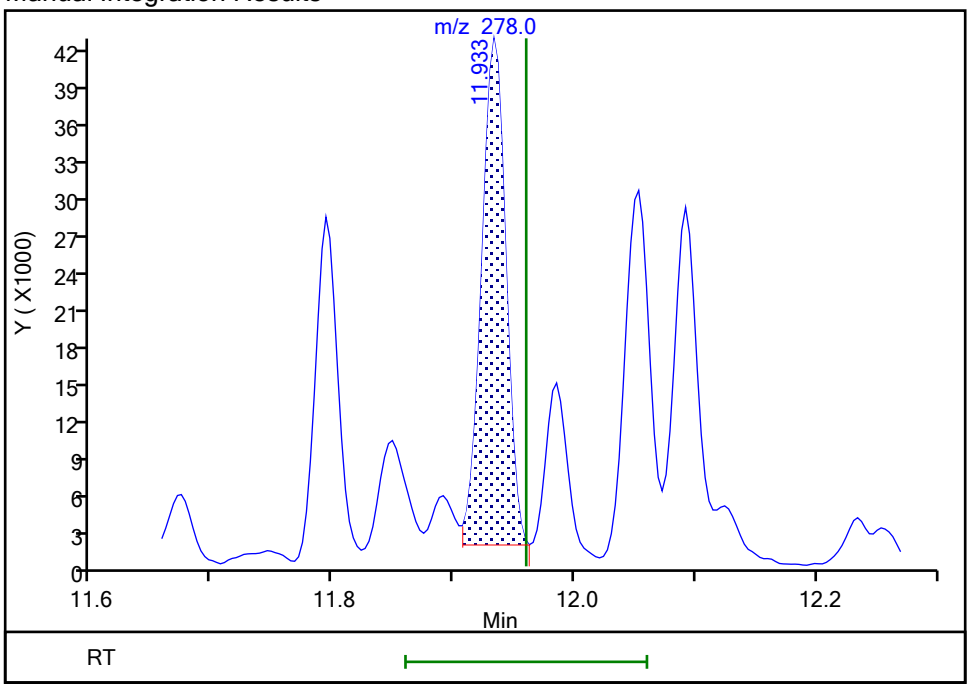
Processing Integration Results

RT: 11.98
Area: 17965
Amount: 1.016391
Amount Units: ug/ml




Manual Integration Results

RT: 11.93
Area: 56298
Amount: 3.185124
Amount Units: ug/ml




Reviewer: V5XH, 11-Feb-2025 12:29:05 07:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Assign Peak

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: N56288.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:05

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 17:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 5.0 | U | 5.0 | 1.2 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10 | U | 10 | 1.2 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 10 | U | 10 | 0.63 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 10 | U | 10 | 0.75 |
| 95-95-4 | 2,4,5-Trichlorophenol | 10 | U | 10 | 0.88 |
| 88-06-2 | 2,4,6-Trichlorophenol | 3.0 | U | 3.0 | 0.86 |
| 120-83-2 | 2,4-Dichlorophenol | 10 | U | 10 | 1.1 |
| 105-67-9 | 2,4-Dimethylphenol | 10 | U | 10 | 0.62 |
| 51-28-5 | 2,4-Dinitrophenol | 40 | U | 40 | 11 |
| 121-14-2 | 2,4-Dinitrotoluene | 10 | U | 10 | 1.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 2.0 | U | 2.0 | 0.83 |
| 91-58-7 | 2-Chloronaphthalene | 10 | U | 10 | 1.2 |
| 95-57-8 | 2-Chlorophenol | 10 | U | 10 | 0.95 |
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 95-48-7 | 2-Methylphenol | 10 | U | 10 | 0.67 |
| 88-74-4 | 2-Nitroaniline | 10 | U | 10 | 1.2 |
| 88-75-5 | 2-Nitrophenol | 10 | U | 10 | 0.75 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 5.2 | U | 5.2 | 1.4 |
| 99-09-2 | 3-Nitroaniline | 10 | U | 10 | 1.9 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 20 | U | 20 | 8.6 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 10 | U | 10 | 0.75 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10 | U | 10 | 1.3 |
| 106-47-8 | 4-Chloroaniline | 5.0 | U | 5.0 | 1.9 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 10 | U | 10 | 1.3 |
| 106-44-5 | 4-Methylphenol | 10 | U | 10 | 0.65 |
| 100-01-6 | 4-Nitroaniline | 10 | U | 10 | 1.2 |
| 100-02-7 | 4-Nitrophenol | 20 | U | 20 | 4.0 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 98-86-2 | Acetophenone | 10 | U | 10 | 2.3 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: N56288.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:05

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 17:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 1912-24-9 | Atrazine | 2.0 | U | 2.0 | 1.3 |
| 100-52-7 | Benzaldehyde | 10 | U | 10 | 2.1 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 10 | U | 10 | 0.59 |
| 111-44-4 | Bis(2-chloroethyl)ether | 1.0 | U | 1.0 | 0.63 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 2.0 | U | 2.0 | 0.80 |
| 85-68-7 | Butyl benzyl phthalate | 10 | U | 10 | 0.85 |
| 105-60-2 | Caprolactam | 10 | U | 10 | 2.2 |
| 86-74-8 | Carbazole | 10 | U | 10 | 0.68 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 132-64-9 | Dibenzofuran | 10 | U | 10 | 1.1 |
| 84-66-2 | Diethyl phthalate | 10 | U | 10 | 0.98 |
| 131-11-3 | Dimethyl phthalate | 10 | U | 10 | 0.77 |
| 84-74-2 | Di-n-butyl phthalate | 10 | U | 10 | 0.84 |
| 117-84-0 | Di-n-octyl phthalate | 10 | U | 10 | 4.0 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 118-74-1 | Hexachlorobenzene | 1.0 | U | 1.0 | 0.40 |
| 87-68-3 | Hexachlorobutadiene | 1.0 | U | 1.0 | 0.78 |
| 77-47-4 | Hexachlorocyclopentadiene | 10 | U | 10 | 3.6 |
| 67-72-1 | Hexachloroethane | 0.80 | U | 0.80 | 0.31 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 78-59-1 | Isophorone | 10 | U | 10 | 0.80 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 98-95-3 | Nitrobenzene | 1.0 | U | 1.0 | 0.57 |
| 621-64-7 | N-Nitrosodi-n-propylamine | 1.0 | U | 1.0 | 0.43 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: N56288.d

Analysis Method: 8270E | Date Collected: 02/05/2025 12:05

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 17:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 86-30-6 | N-Nitrosodiphenylamine | 10 | U | 10 | 0.89 |
| 87-86-5 | Pentachlorophenol | 20 | U | 20 | 6.6 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 108-95-2 | Phenol | 10 | U | 10 | 0.29 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 97 | | 37-150 |
| 321-60-8 | 2-Fluorobiphenyl | 86 | | 46-139 |
| 367-12-4 | 2-Fluorophenol (Surr) | 67 | | 16-80 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 90 | | 51-145 |
| 4165-62-2 | Phenol-d5 (Surr) | 50 | | 10-56 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 91 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d
Lims ID: 460-319954-J-7-A
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 17:22:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-019
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 08:44:53 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 07-Feb-2025 18:36:03

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.131 | 2.191 | 0.009 | 96 | 892128 | 6.68 | |
| $ 6 Phenol-d5 | 99 | 2.977 | 3.192 | -0.010 | 93 | 830250 | 5.02 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.306 | 3.304 | 0.002 | 94 | 898159 | 8.00 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.874 | 3.881 | -0.005 | 84 | 1185416 | 9.00 | |
| * 38 Naphthalene-d8 | 136 | 4.573 | 4.573 | 0.000 | 99 | 3067021 | 8.00 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.643 | 5.643 | -0.001 | 97 | 2662778 | 8.60 | |
| * 64 Acenaphthene-d10 | 164 | 6.253 | 6.256 | -0.003 | 95 | 1587967 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.997 | 7.000 | -0.005 | 88 | 606912 | 9.69 | |
| * 87 Phenanthrene-d10 | 188 | 7.638 | 7.642 | -0.004 | 98 | 2829192 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.174 | 9.171 | 0.001 | 98 | 2856928 | 9.11 | |
| * 102 Chrysene-d12 | 240 | 10.117 | 10.121 | -0.004 | 99 | 1944703 | 8.00 | |
| * 109 Perylene-d12 | 264 | 11.593 | 11.595 | -0.002 | 99 | 1656742 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

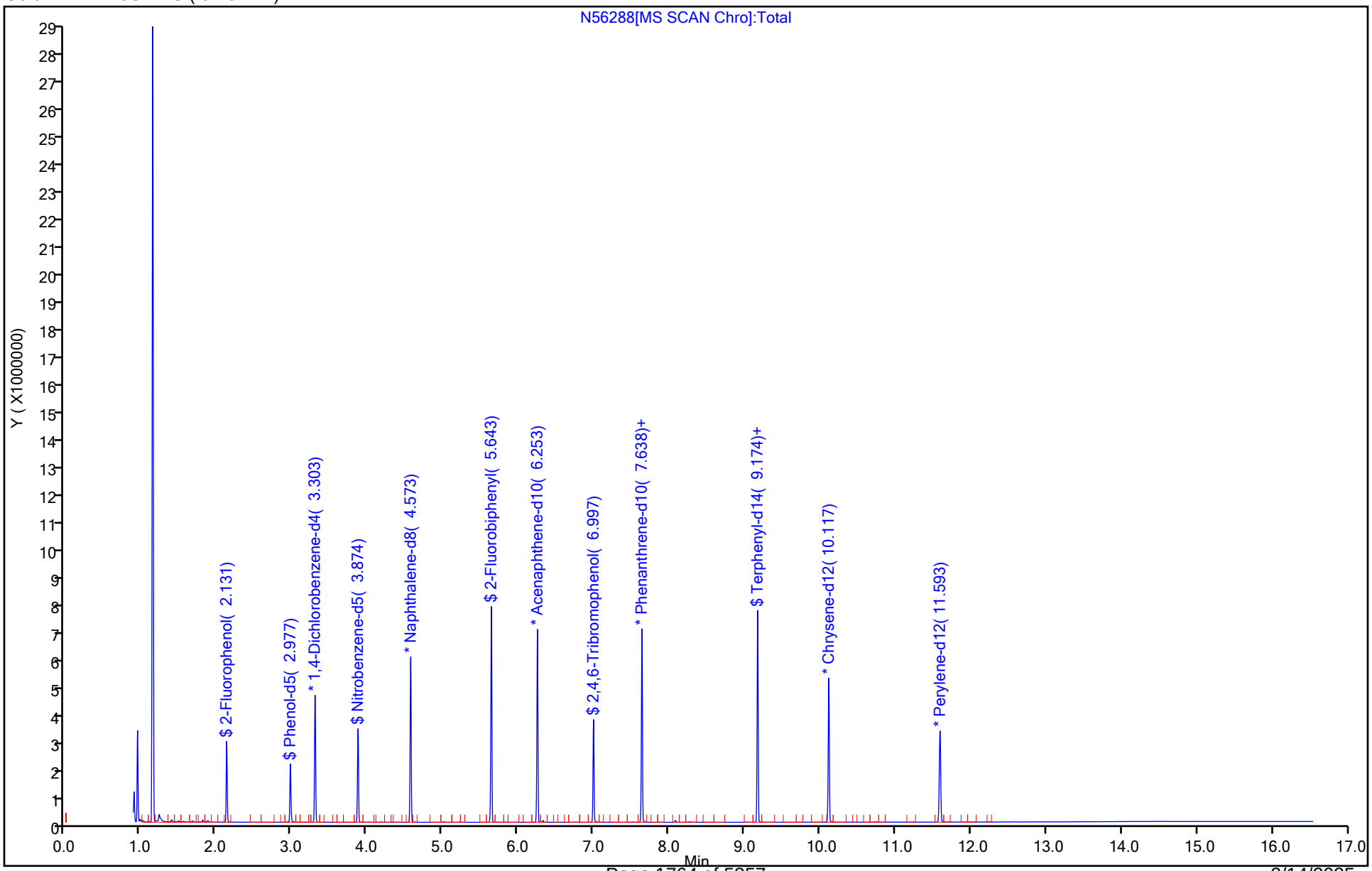
Report Date: 09-Feb-2025 08:44:54 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 19 |
| Client ID: | FB_02052025 | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d
Lims ID: 460-319954-J-7-A
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 17:22:30 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-019
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 08:44:53 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 07-Feb-2025 18:36:03

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 6.68 | 66.77 |
| $ 6 Phenol-d5 | 10.0 | 5.02 | 50.19 |
| $ 27 Nitrobenzene-d5 | 10.0 | 9.00 | 89.98 |
| $ 51 2-Fluorobiphenyl | 10.0 | 8.60 | 85.99 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.69 | 96.91 |
| $ 96 Terphenyl-d14 | 10.0 | 9.11 | 91.07 |

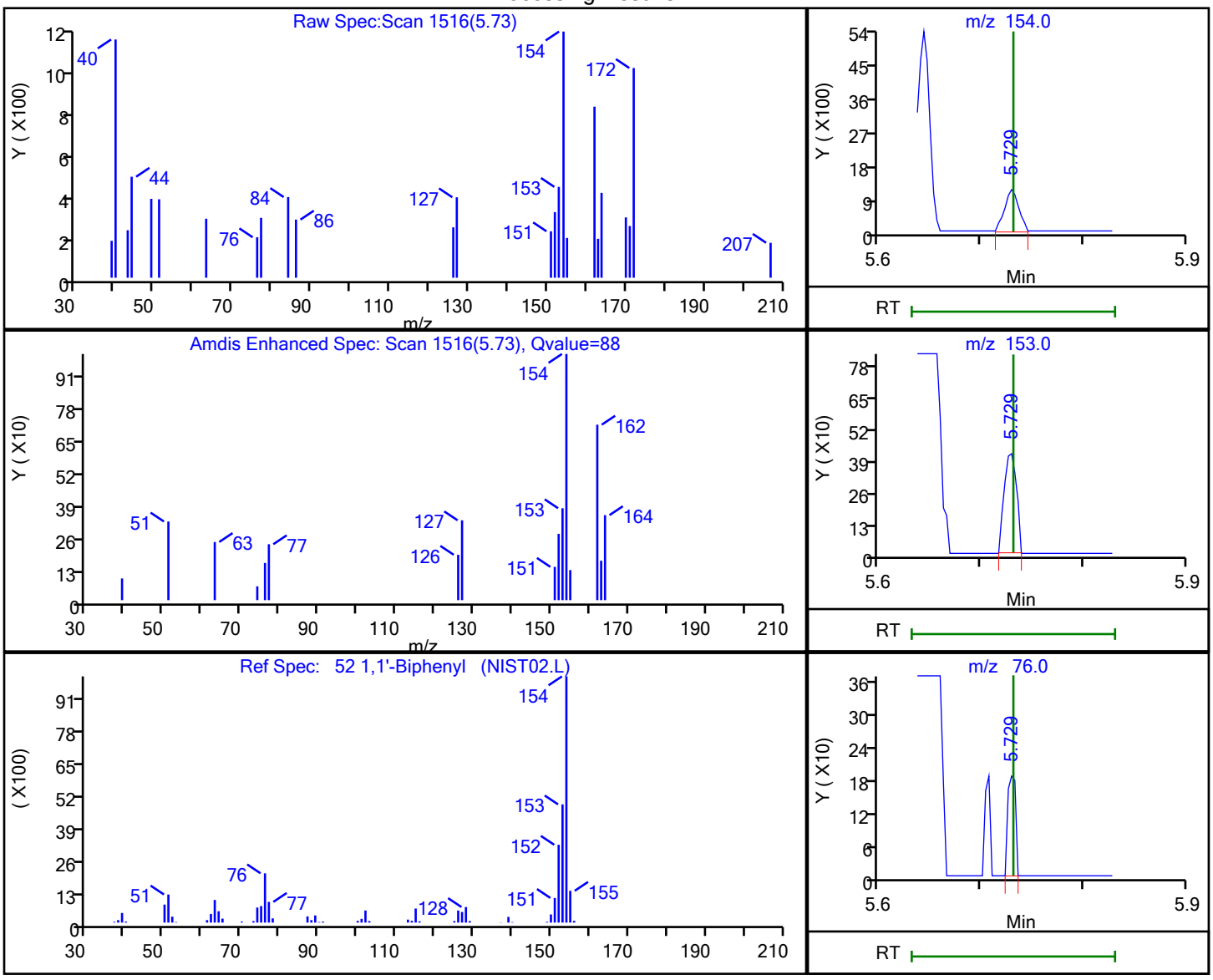
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 154.00 | 1068 | 0.003410 |
| 5.73 | 153.00 | 349 | |
| 5.73 | 76.00 | 99 | |

Reviewer: G4KC, 09-Feb-2025 08:44:28 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

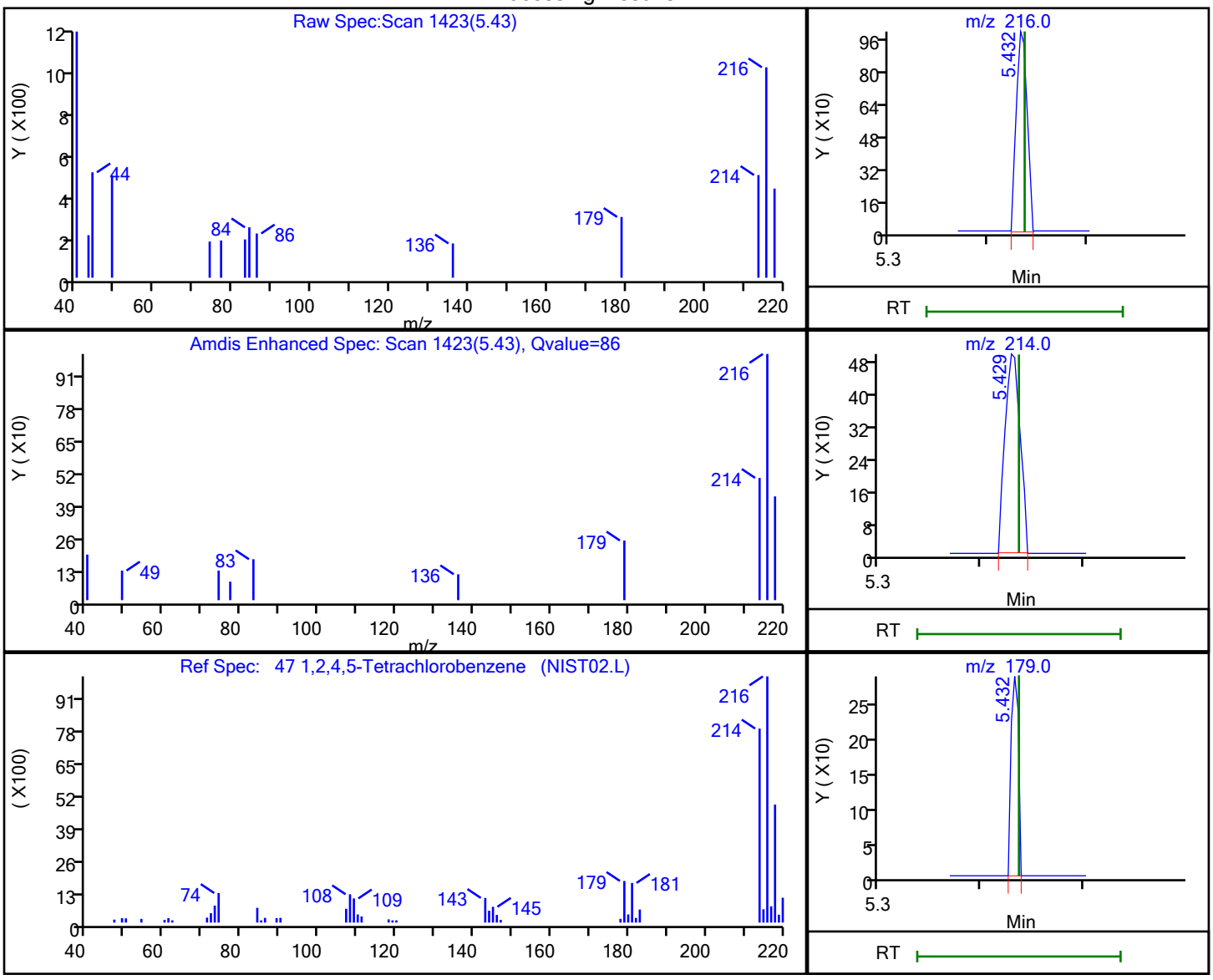
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 47 1,2,4,5-Tetrachlorobenzene, CAS: 95-94-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.43 | 216.00 | 766 | 0.005687 |
| 5.43 | 214.00 | 509 | |
| 5.43 | 179.00 | 144 | |

Reviewer: G4KC, 09-Feb-2025 08:44:26 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

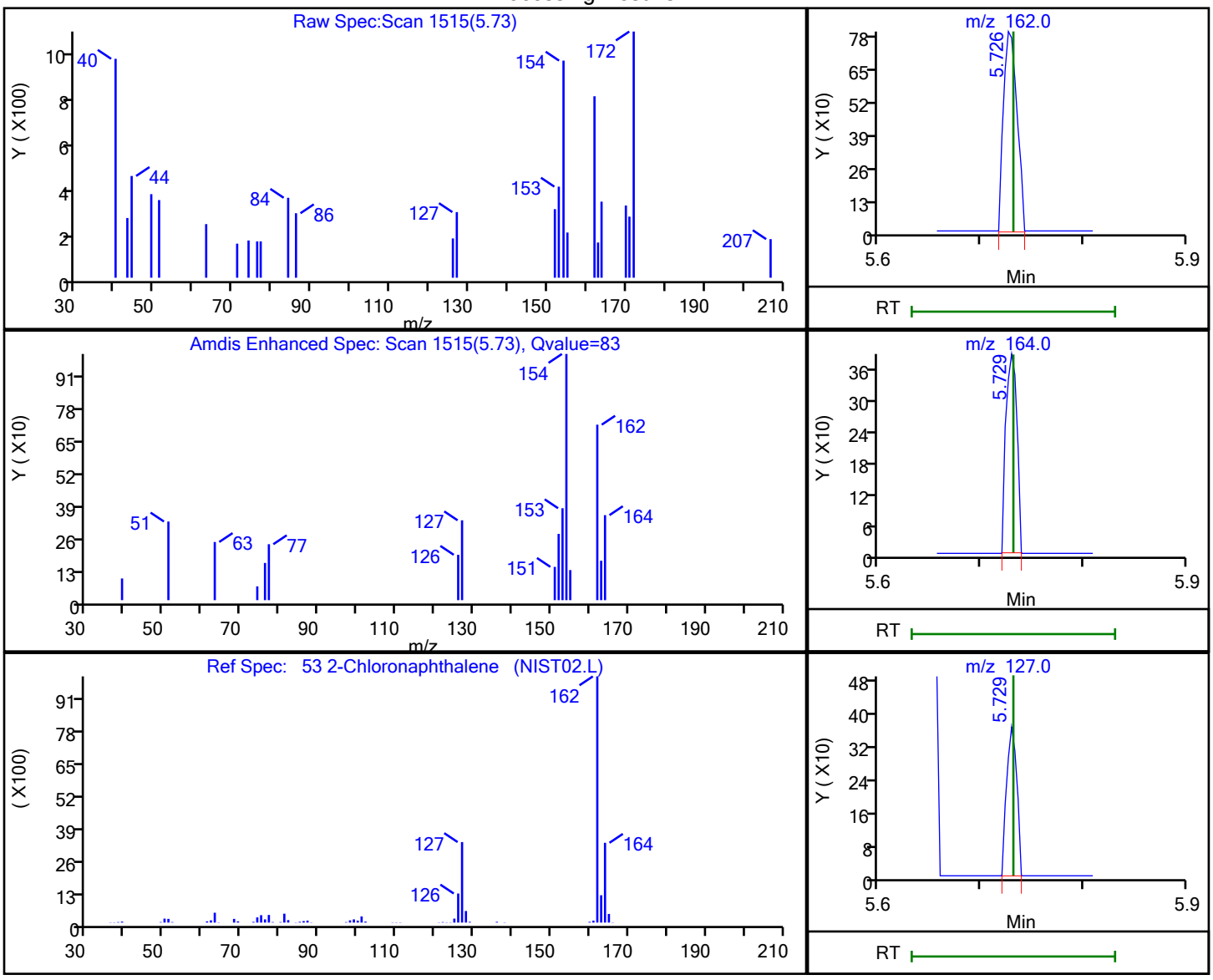
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 53 2-Chloronaphthalene, CAS: 91-58-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.73 | 162.00 | 739 | 0.003068 |
| 5.73 | 164.00 | 290 | |
| 5.73 | 127.00 | 254 | |

Reviewer: G4KC, 09-Feb-2025 08:44:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

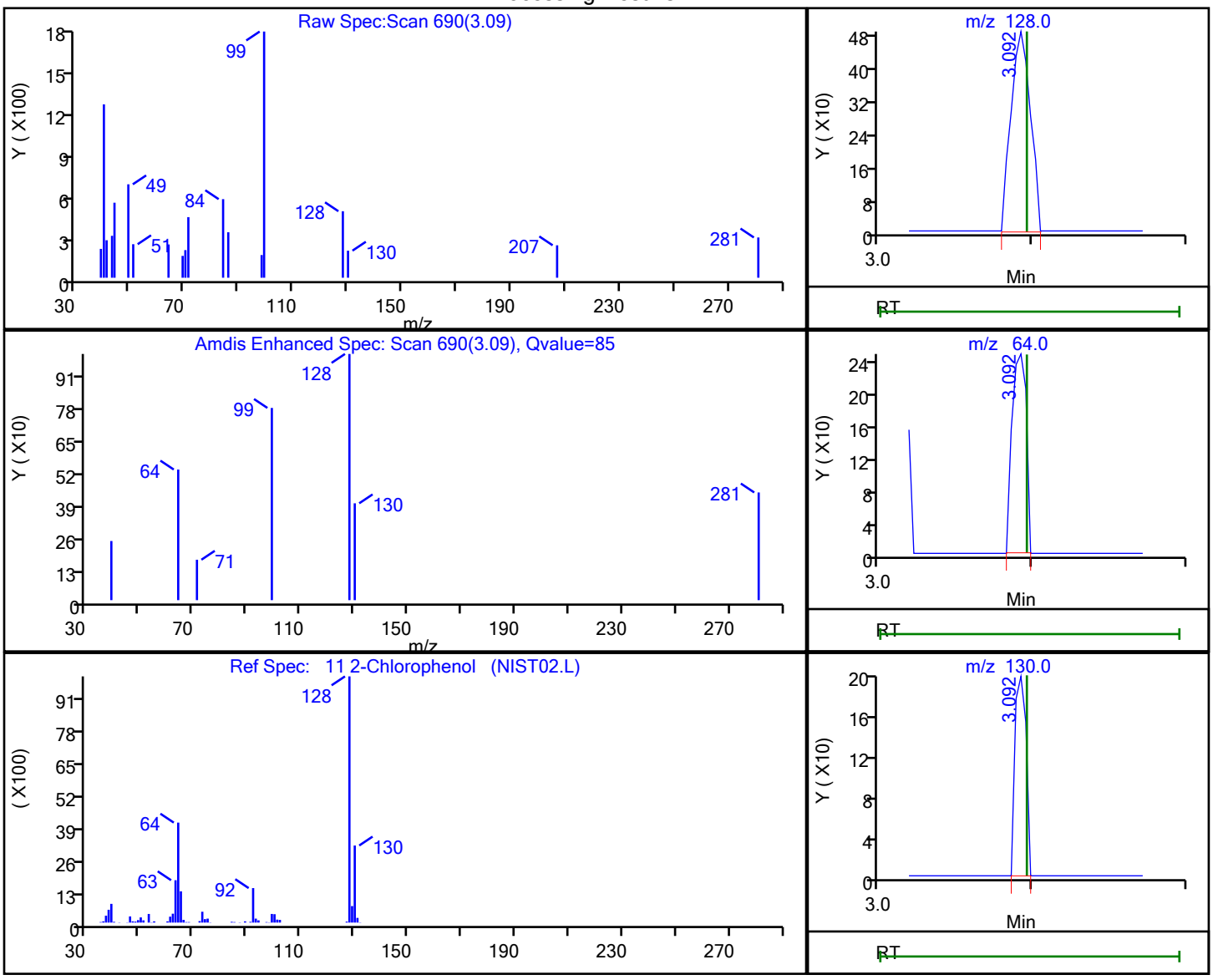
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 11 2-Chlorophenol, CAS: 95-57-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.09 | 128.00 | 428 | 0.002936 |
| 3.09 | 64.00 | 157 | |
| 3.09 | 130.00 | 100 | |

Reviewer: G4KC, 09-Feb-2025 08:44:22 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

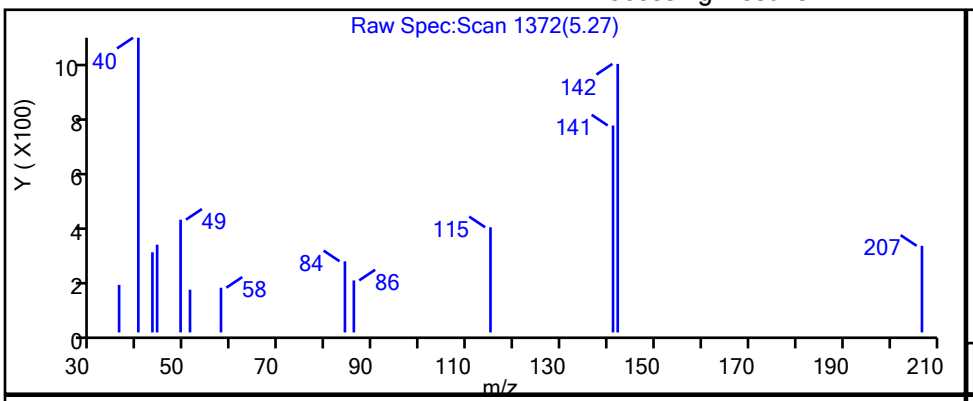
User Disabled Compound Report

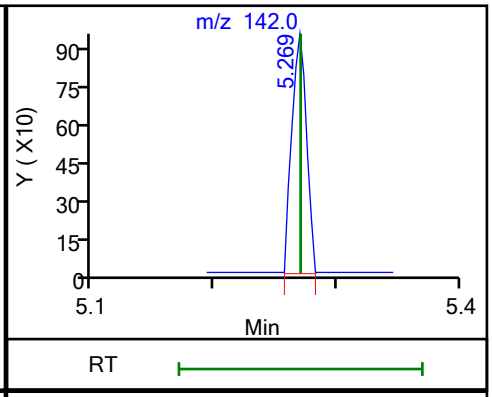
Eurofins Edison

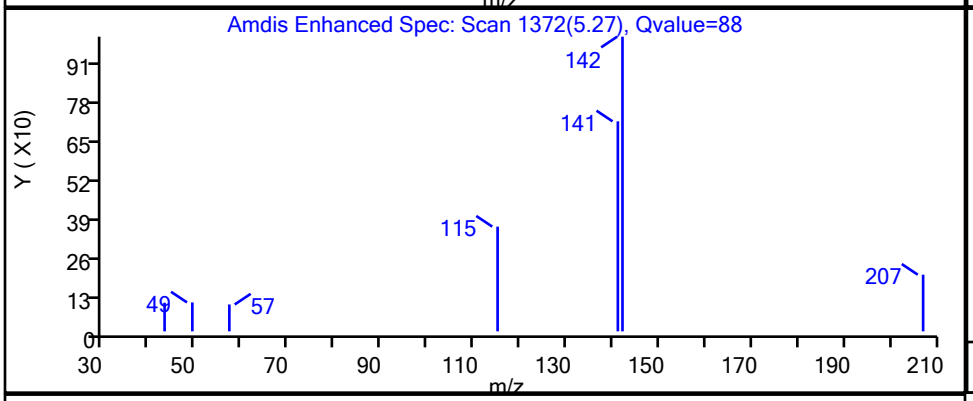
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

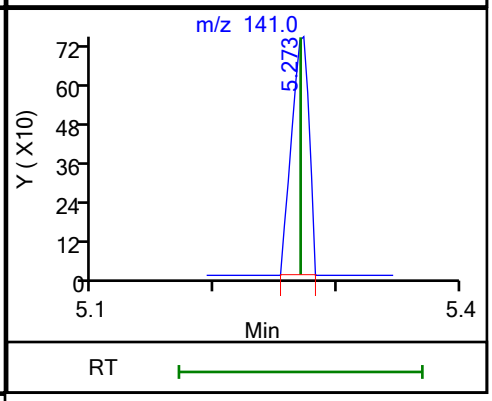
## 44 2-Methylnaphthalene, CAS: 91-57-6

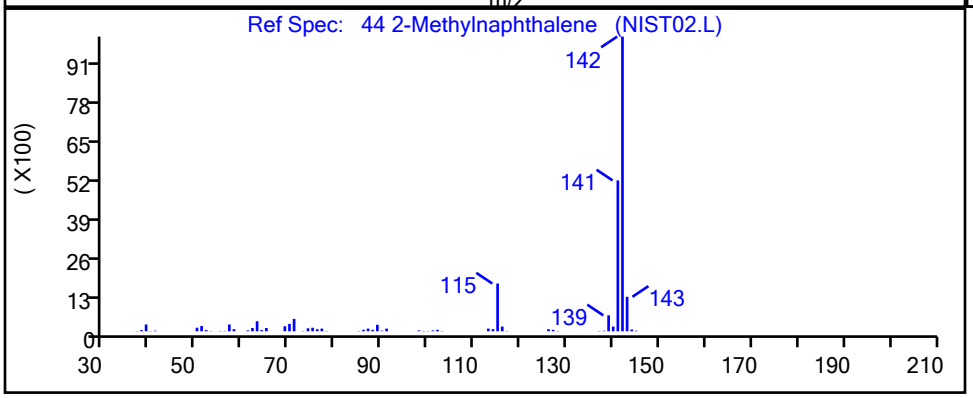
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.27 | 142.00 | 797 | 0.003043 |
| 5.27 | 141.00 | 744 | |

Reviewer: G4KC, 09-Feb-2025 08:44:25 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

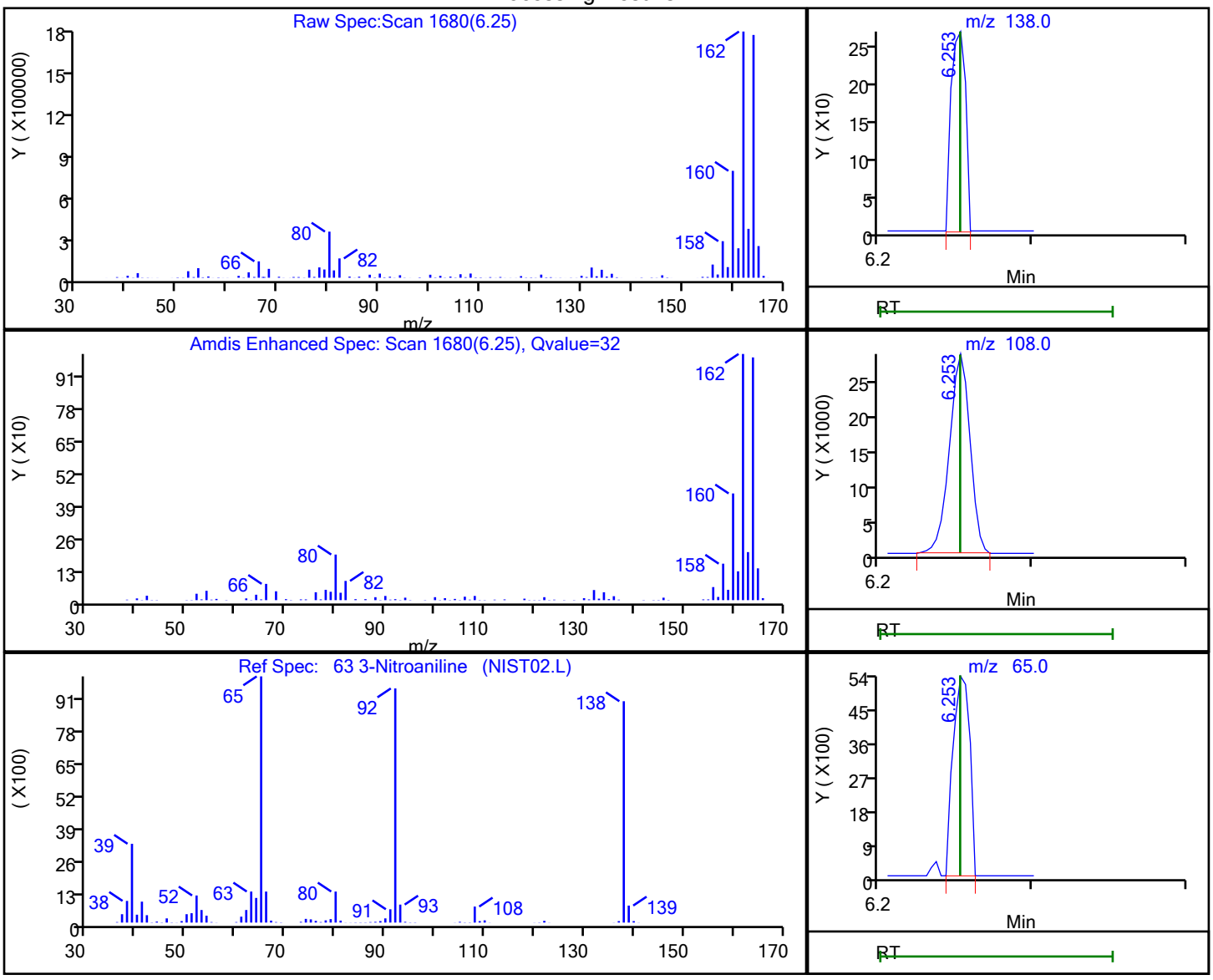
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 63 3-Nitroaniline, CAS: 99-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.25 | 138.00 | 175 | 0.002798 |
| 6.25 | 108.00 | 27080 | |
| 6.25 | 65.00 | 4031 | |

Reviewer: G4KC, 09-Feb-2025 08:44:29 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

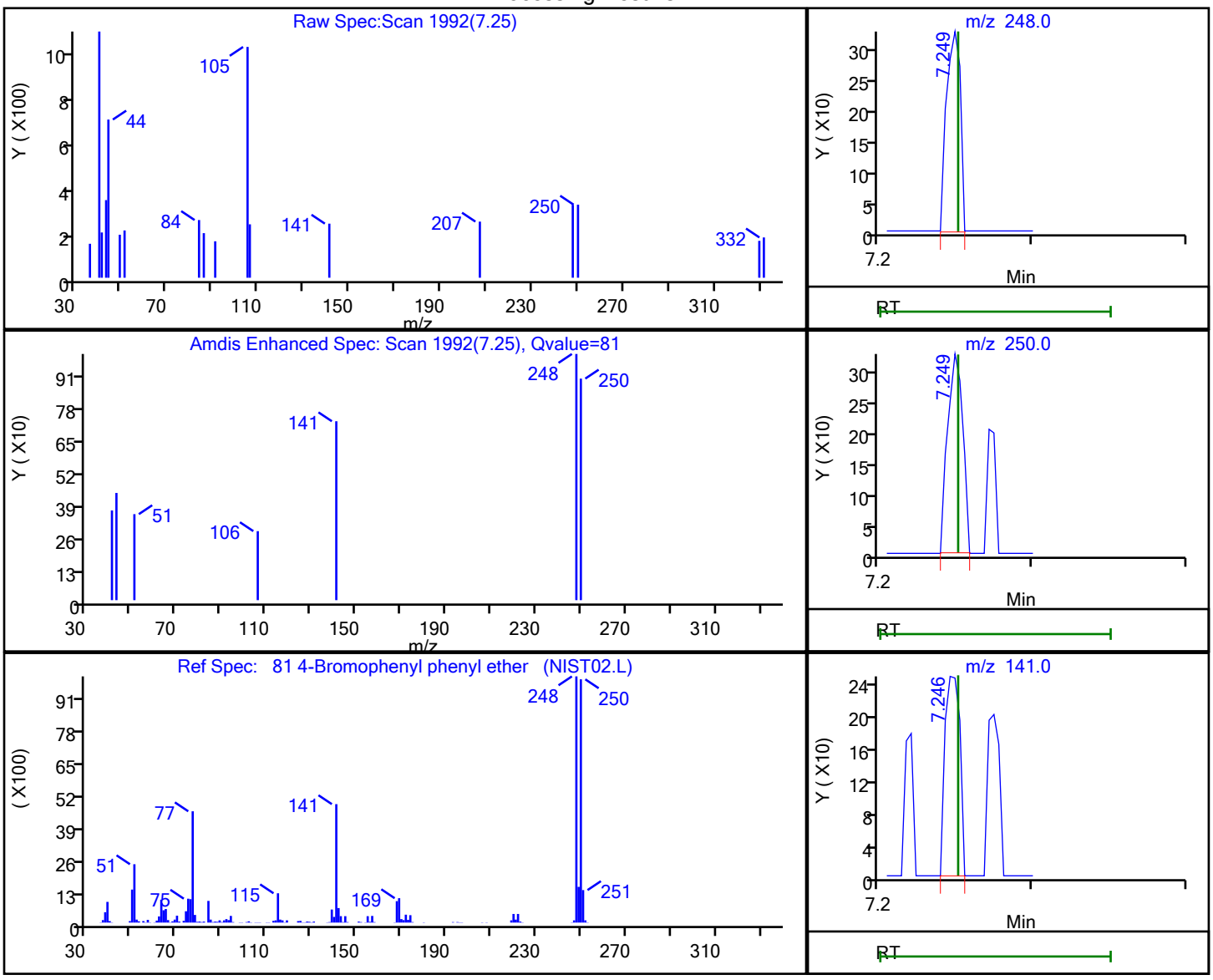
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 81 4-Bromophenyl phenyl ether, CAS: 101-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.25 | 248.00 | 203 | 0.002397 |
| 7.25 | 250.00 | 225 | |
| 7.25 | 141.00 | 164 | |

Reviewer: G4KC, 09-Feb-2025 08:44:33 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

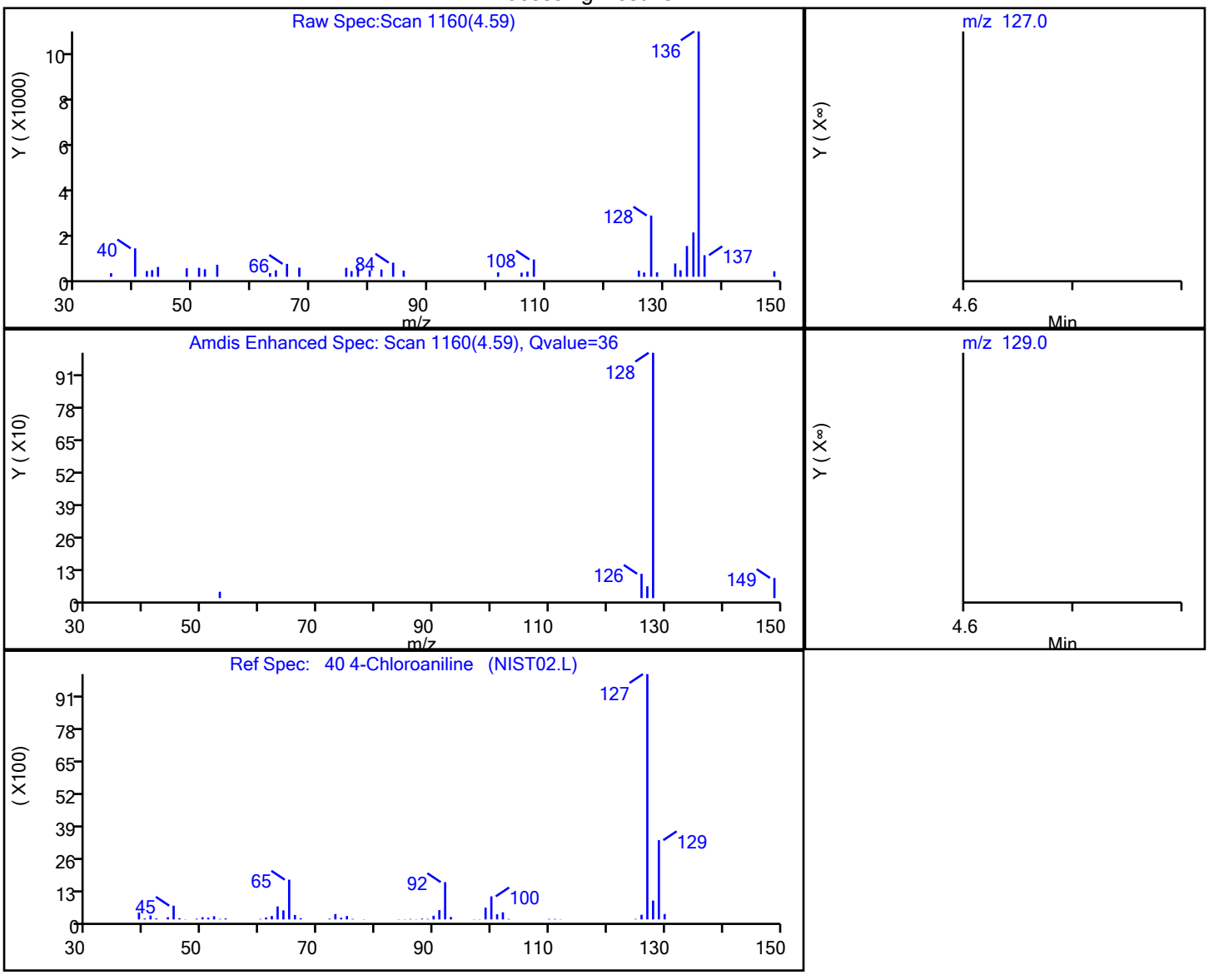
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 40 4-Chloroaniline, CAS: 106-47-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.59 | 127.00 | 68 | 0.000457 |
| 4.60 | 129.00 | 64 | |

Reviewer: G4KC, 09-Feb-2025 08:44:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

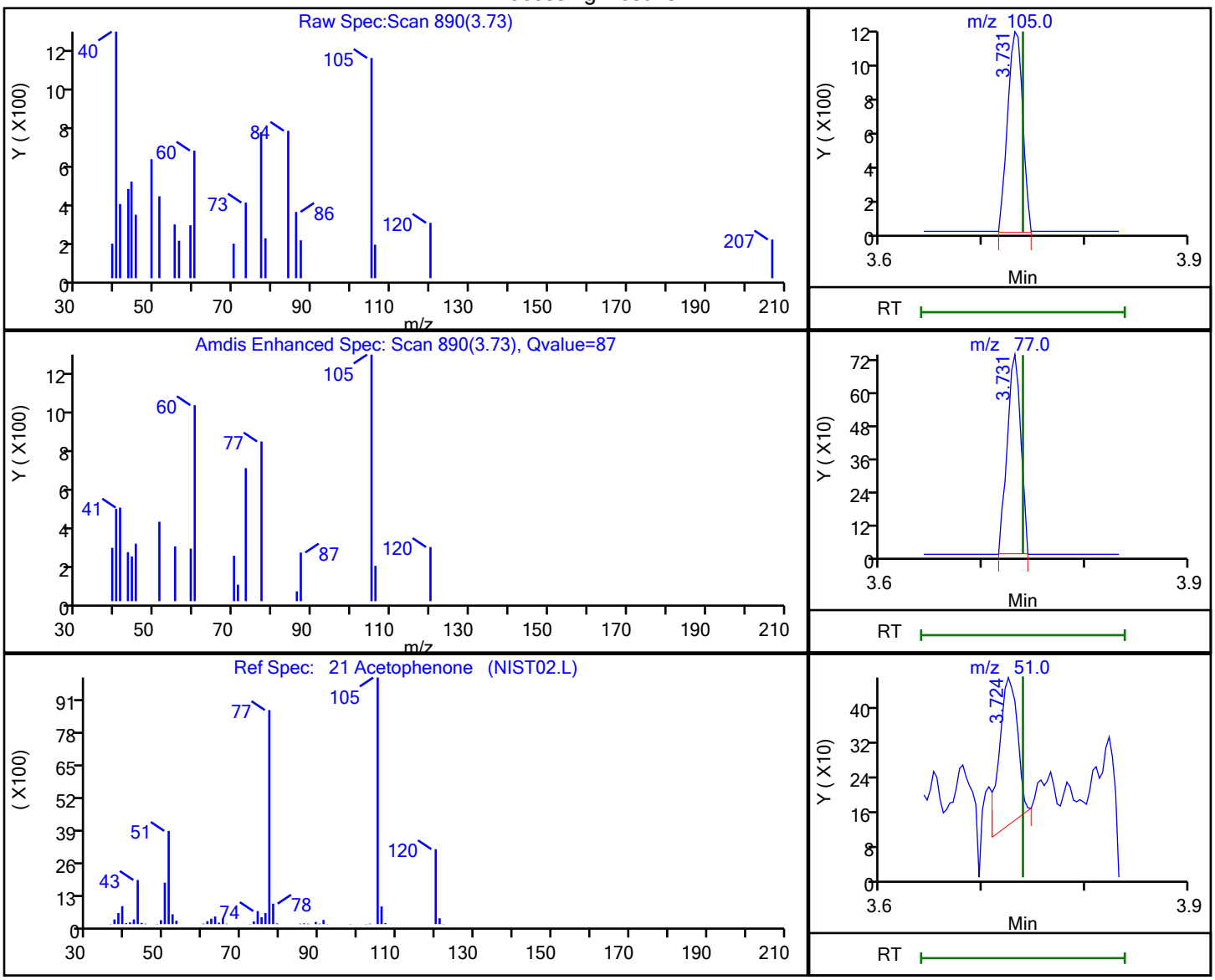
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 21 Acetophenone, CAS: 98-86-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.73 | 105.00 | 1129 | 0.006344 |
| 3.73 | 77.00 | 678 | |
| 3.72 | 51.00 | 431 | |
| 3.73 | 120.00 | 239 | |

Reviewer: G4KC, 09-Feb-2025 08:44:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

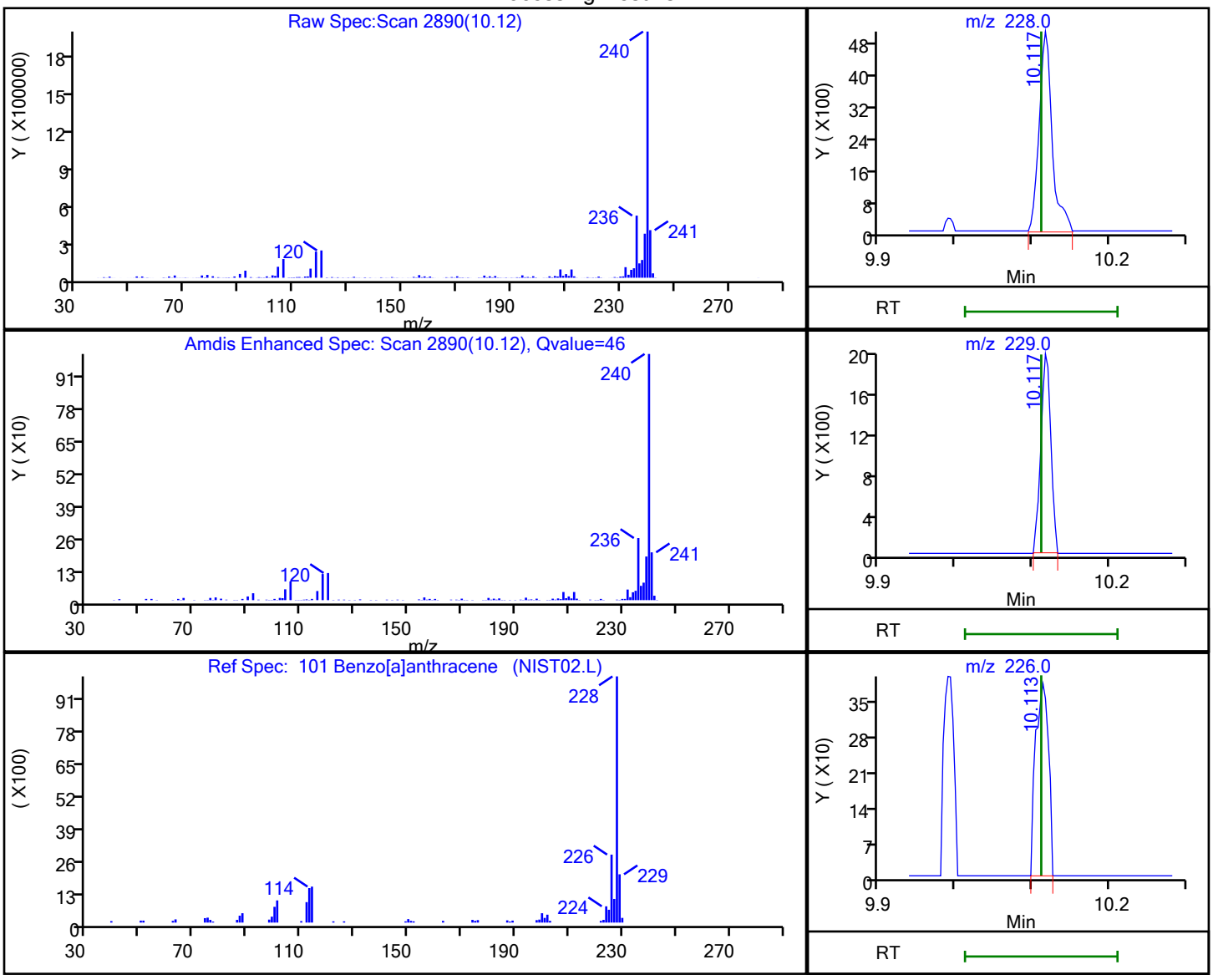
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.12 | 228.00 | 5928 | 0.018507 |
| 10.12 | 229.00 | 1757 | |
| 10.11 | 226.00 | 451 | |

Reviewer: G4KC, 09-Feb-2025 08:44:35 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

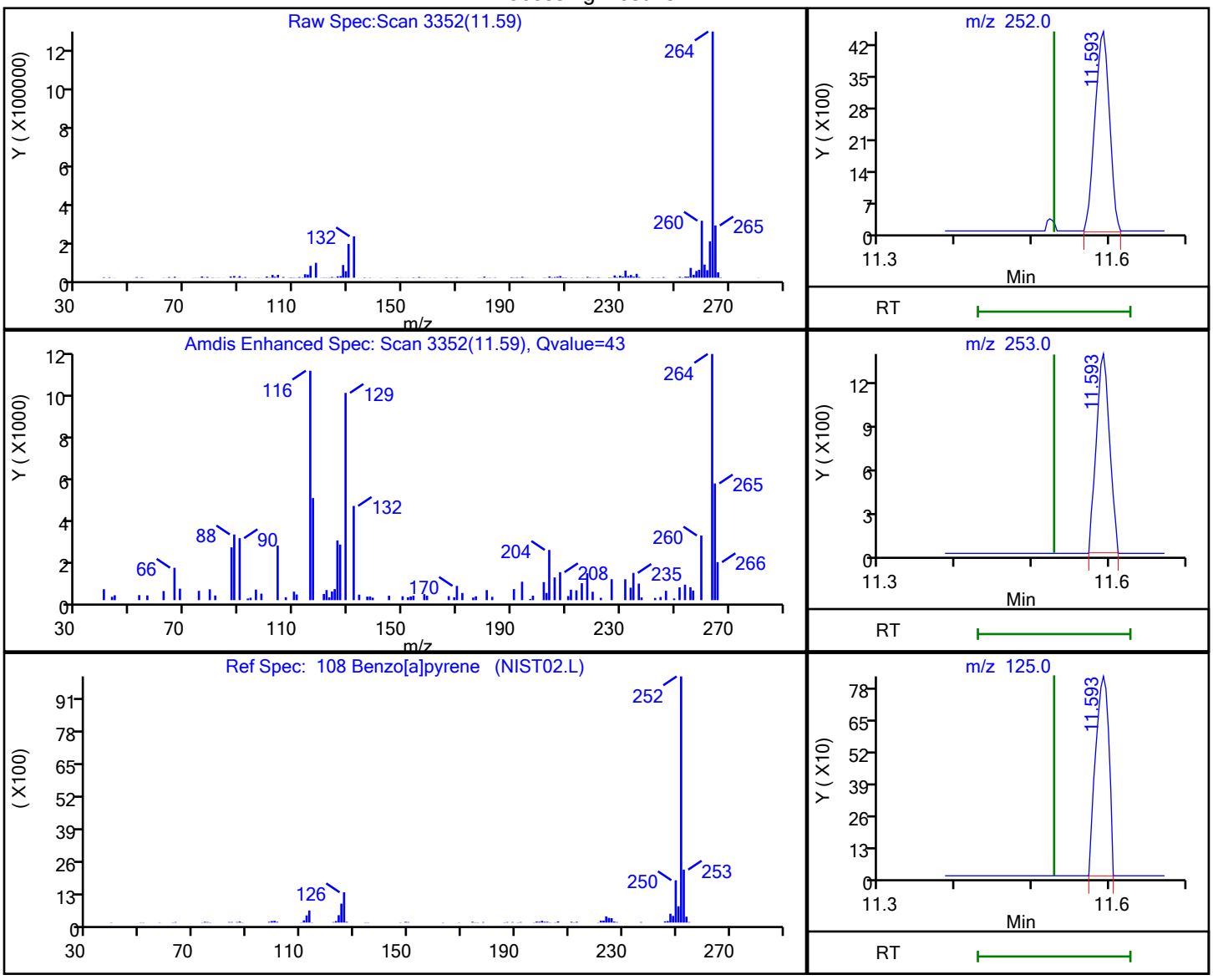
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.59 | 252.00 | 5869 | 0.028920 |
| 11.59 | 253.00 | 1680 | |
| 11.59 | 125.00 | 995 | |

Reviewer: G4KC, 09-Feb-2025 08:44:38 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

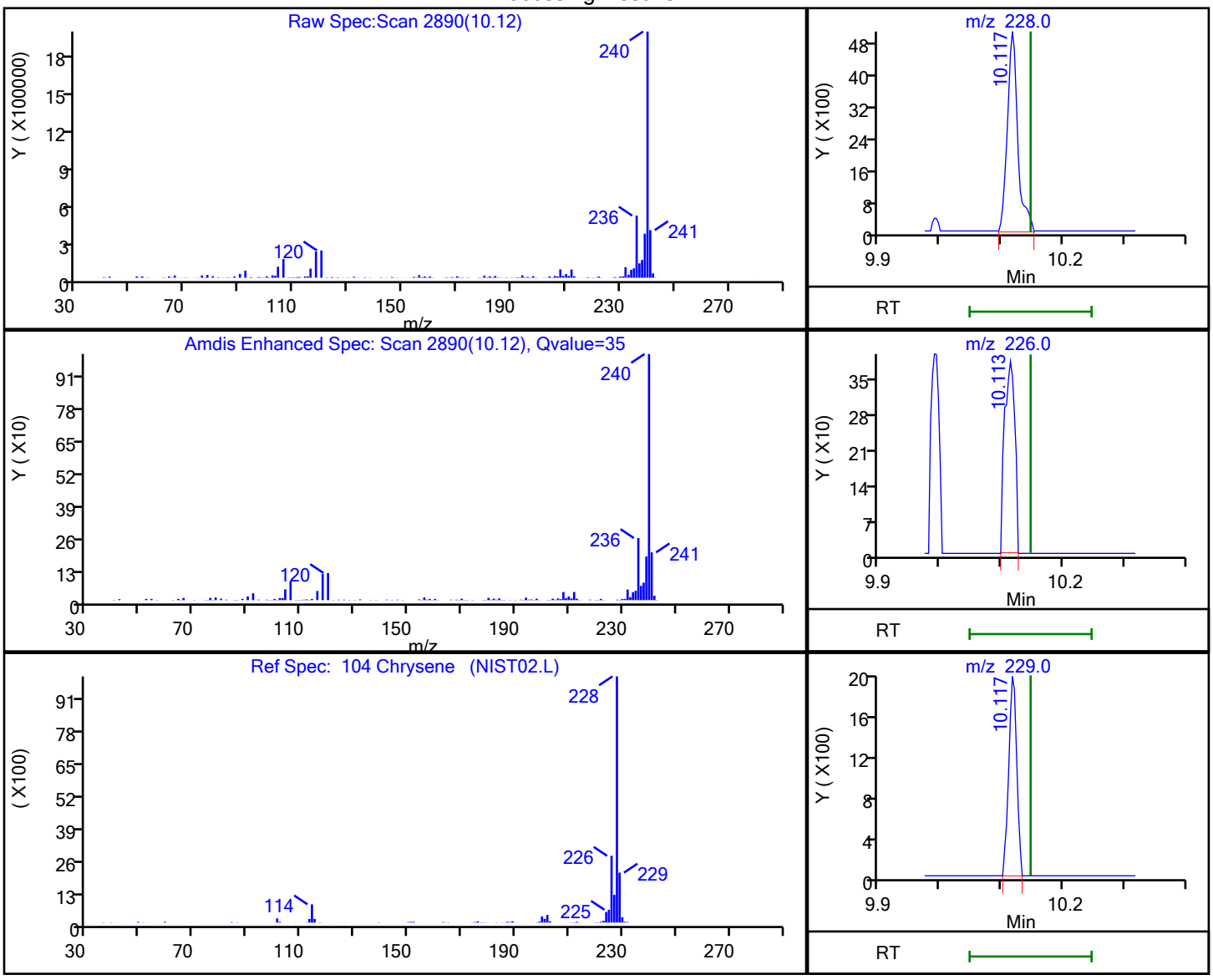
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.12 | 228.00 | 5928 | 0.019376 |
| 10.11 | 226.00 | 451 | |
| 10.12 | 229.00 | 1757 | |

Reviewer: G4KC, 09-Feb-2025 08:44:36 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

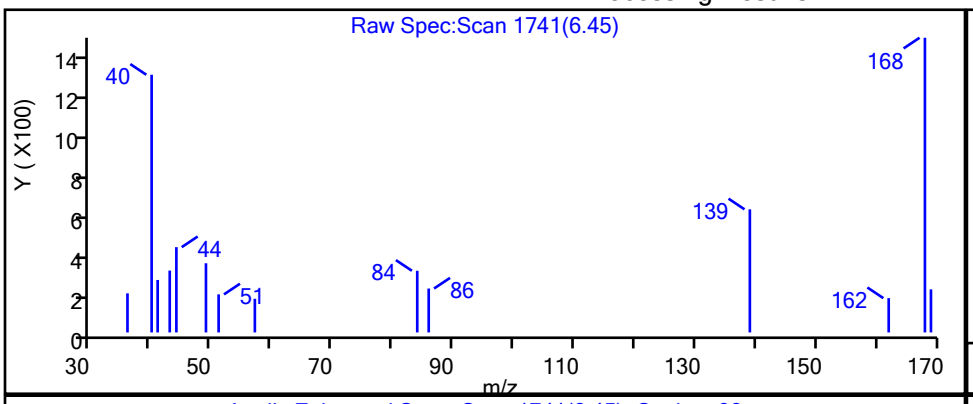
User Disabled Compound Report

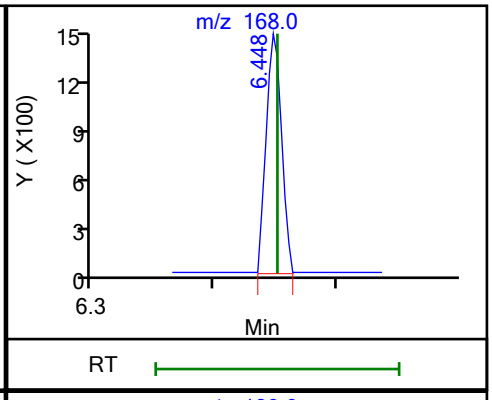
Eurofins Edison

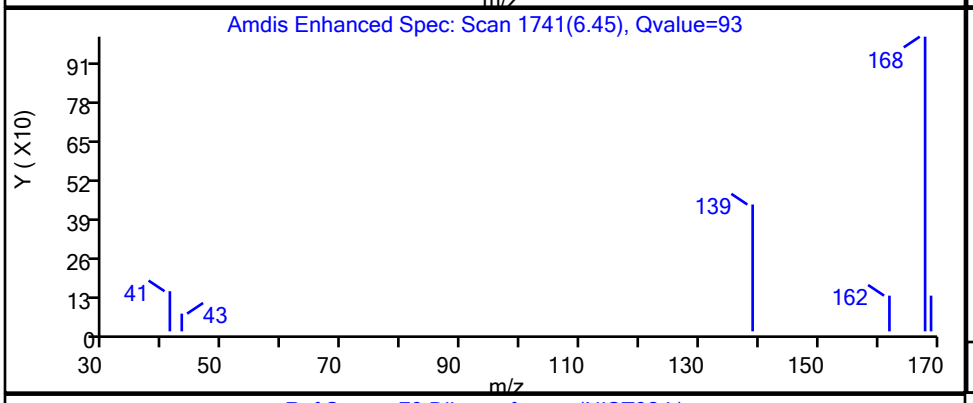
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

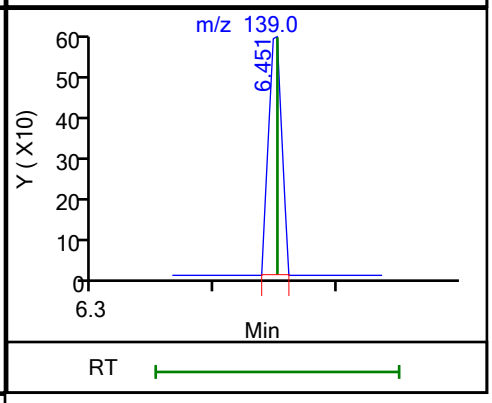
## 70 Dibenzofuran, CAS: 132-64-9

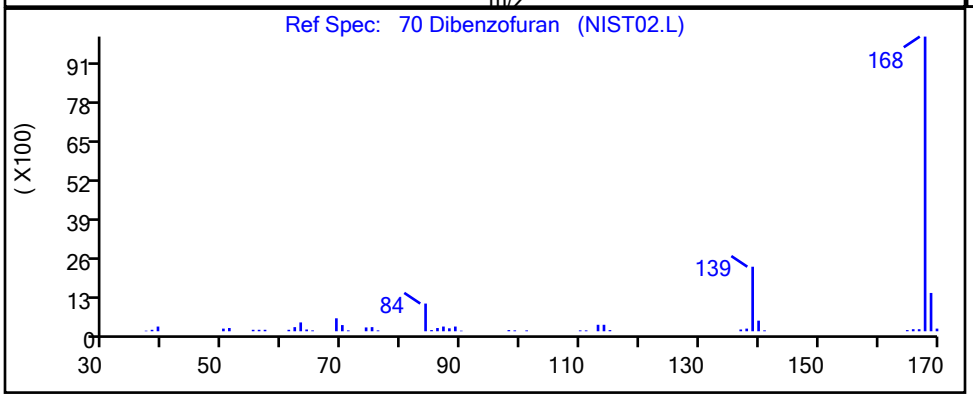
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.45 | 168.00 | 1234 | 0.003726 |
| 6.45 | 139.00 | 450 | |

Reviewer: G4KC, 09-Feb-2025 08:44:30 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

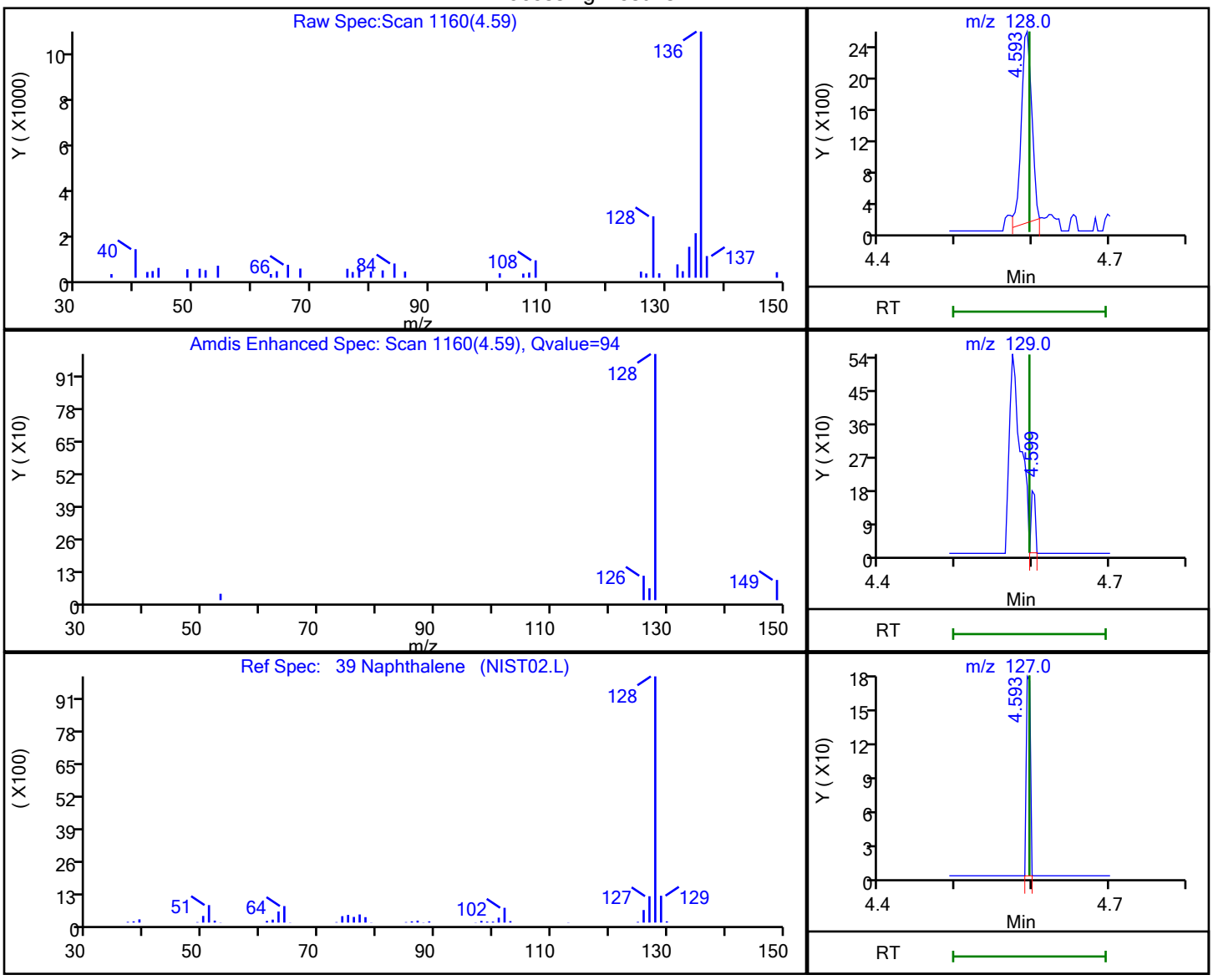
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 39 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.59 | 128.00 | 2374 | 0.005977 |
| 4.60 | 129.00 | 64 | |
| 4.59 | 127.00 | 68 | |

Reviewer: G4KC, 09-Feb-2025 08:44:24 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

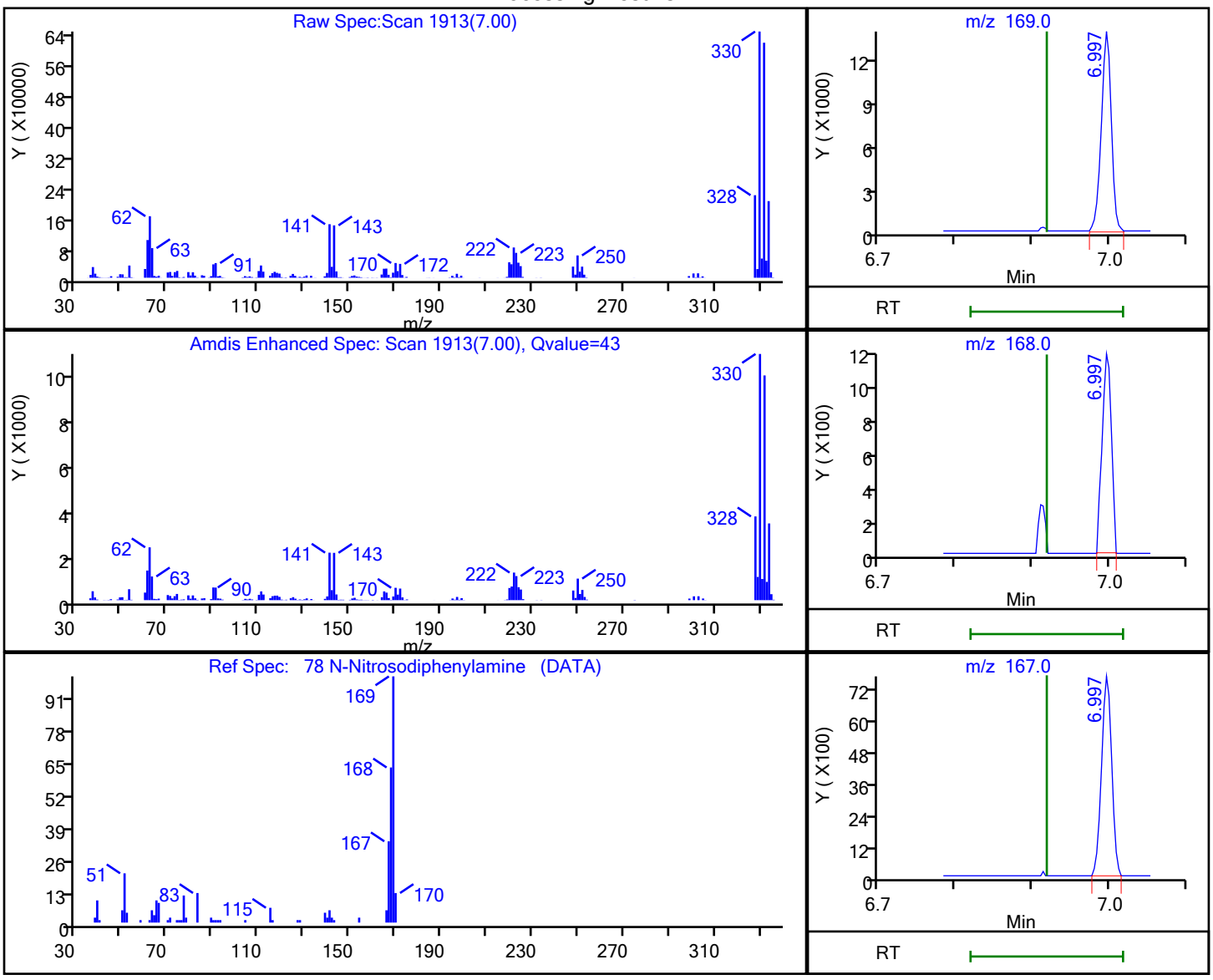
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.00 | 169.00 | 12005 | 0.061928 |
| 7.00 | 168.00 | 939 | |
| 7.00 | 167.00 | 7140 | |

Reviewer: G4KC, 09-Feb-2025 08:44:32 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

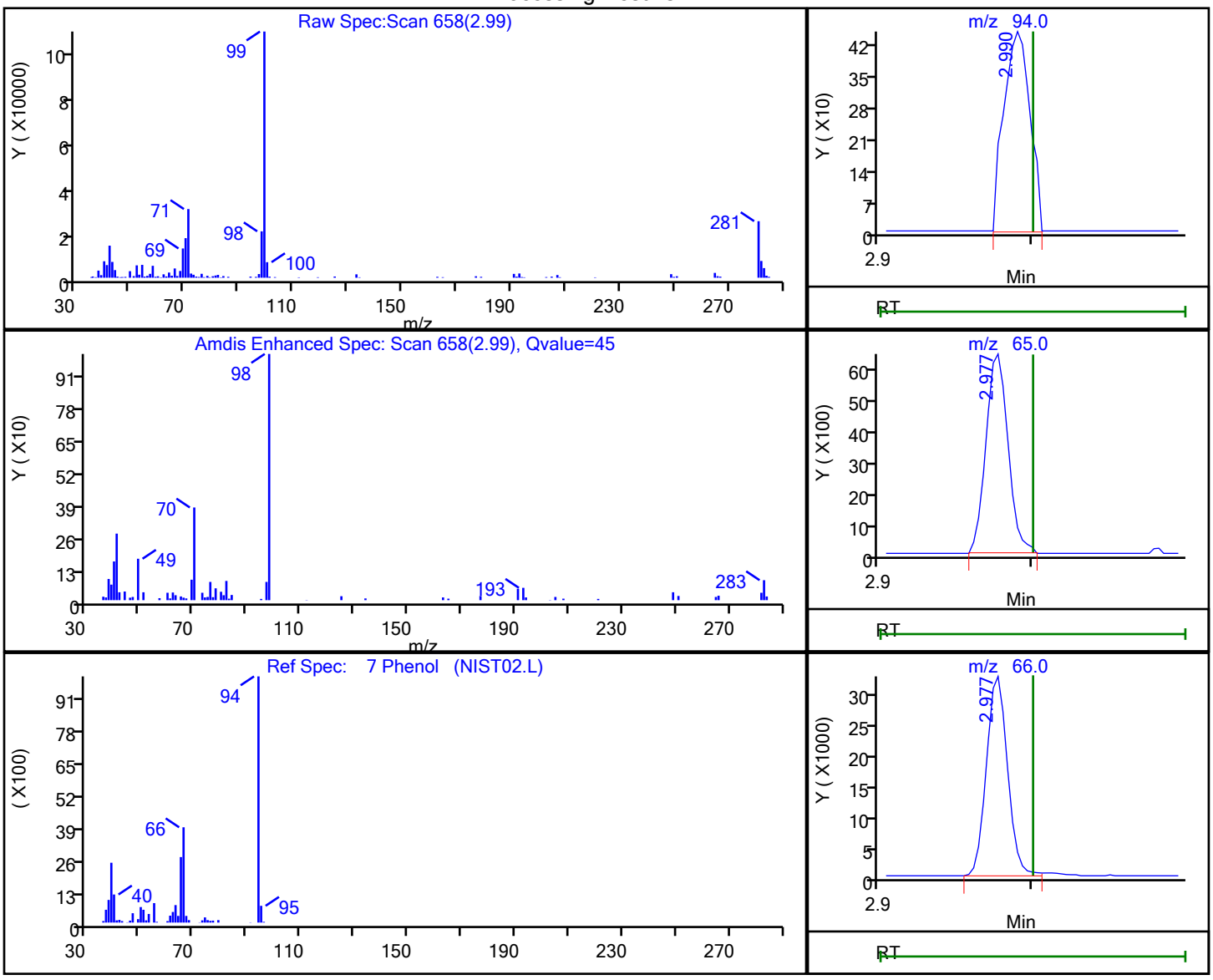
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56288.d | | | | |
| Injection Date: | 07-Feb-2025 17:22:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | 460-319954-J-7-A | Lab Sample ID: | 460-319954-7 | | |
| Client ID: | FB_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 7 Phenol, CAS: 108-95-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 2.99 | 94.00 | 528 | 0.003107 |
| 2.98 | 65.00 | 6490 | |
| 2.98 | 66.00 | 31116 | |

Reviewer: G4KC, 09-Feb-2025 08:44:21 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1018504/10 | N56137.d |
| Level 2 | STD02 460-1018504/9 | N56135.d |
| Level 3 | STD04 460-1018504/8 | N56133.d |
| Level 4 | STD1 460-1018504/7 | N56131.d |
| Level 5 | STD2 460-1018504/6 | N56129.d |
| Level 6 | STD4 460-1018504/5 | N56127.d |
| Level 7 | ICIS 460-1018504/2 | N56121.d |
| Level 8 | STD16 460-1018504/4 | N56125.d |
| Level 9 | STD24 460-1018504/3 | N56123.d |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | 0.4044 0.4553 | 0.4100 0.4592 | 0.4440 | 0.4377 0.4605 | 0.4442 | Ave | | 0.4394 | | | 0.0100 | 4.9 | | 20.0 | | | |
| N-Nitrosodimethylamine | 0.6591 | 0.6744 | 0.6414 | 0.6346 0.6656 | 0.6642 | Ave | | 0.6565 | | | 0.0100 | 2.3 | | 20.0 | | | |
| Pyridine | 0.7759 0.9931 | 0.9363 0.9529 | 0.9789 | 0.9944 0.9977 | 0.9929 | Ave | | 0.9528 | | | 0.0100 | 7.9 | | 20.0 | | | |
| Benzaldehyde | 0.9107 | 0.9003 +++++ | 0.8945 +++++ | 0.9476 +++++ | 0.9287 | Ave | | 0.9163 | | | 0.0100 | 2.4 | | 20.0 | | | |
| Aniline | 1.3499 1.7162 | 1.5573 1.5878 | 1.6086 | 1.6578 1.6473 | 1.7016 | Ave | | 1.6033 | | | 0.0100 | 7.2 | | 20.0 | | | |
| Phenol | 1.5549 | 1.5153 | 1.4697 | 1.5051 1.5206 | 1.5149 | Ave | | 1.5134 | | | 0.8000 | 1.8 | | 20.0 | | | |
| Bis(2-chloroethyl)ether | 1.0859 1.1037 | 1.1014 1.0841 | 1.0518 | 1.1197 1.0766 | 1.1026 | Ave | | 1.0907 | | | 0.7000 | 1.9 | | 20.0 | | | |
| 2-Chlorophenol | 1.3235 | 1.3168 | 1.2733 | 1.2802 1.3094 | 1.2884 | Ave | | 1.2986 | | | 0.8000 | 1.6 | | 20.0 | | | |
| n-Decane | 0.9629 | 0.9153 | 0.8739 | 0.9528 0.8956 | 0.9355 | Ave | | 0.9227 | | | 0.0100 | 3.7 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.5479 | 1.6108 1.5150 | 1.4368 | 1.5492 1.4760 | 1.5359 | Ave | | 1.5245 | | | 0.0100 | 3.7 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.5446 | 1.5595 1.5140 | 1.4410 | 1.5097 1.4781 | 1.5159 | Ave | | 1.5090 | | | 0.0100 | 2.6 | | 20.0 | | | |
| 1,2-Dichlorobenzene | 1.4549 | 1.5563 1.4128 | 1.3472 | 1.4510 1.3883 | 1.4482 | Ave | | 1.4370 | | | 0.0100 | 4.6 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Benzyl alcohol | 0.7360 | 0.7382 | 0.7130 | 0.6821<br>0.7311 | 0.7297 | Ave | | 0.7217 | | | 0.0100 | 3.0 | | 20.0 | | | |
| 2-Methylphenol | 1.0539 | 1.0279 | 0.9724 | 1.0221<br>0.9976 | 1.0254 | Ave | | 1.0166 | | | 0.7000 | 2.8 | | 20.0 | | | |
| 2,2'-oxybis[1-chloropropane] | 1.1416 | 1.0720 | 1.0341 | 1.1691<br>1.0338 | 1.1494 | Ave | | 1.1000 | | | 0.0100 | 5.5 | | 20.0 | | | |
| N-Methylaniline | 1.2174<br>1.7749 | 1.5782<br>1.7449 | 1.7223 | 1.7800<br>1.7791 | 1.7481 | Ave | | 1.6681 | | | 0.0100 | 11.6 | | 20.0 | | | |
| Acetophenone | 1.6548 | 1.5681 | 1.5060 | 1.6319<br>1.5341 | 1.6156 | Ave | | 1.5851 | | | 0.0100 | 3.7 | | 20.0 | | | |
| N-Nitrosodi-n-propylamine | 0.6239<br>0.7444 | 0.7000<br>0.7086 | 0.6912 | 0.7094<br>0.7019 | 0.7211 | Ave | | 0.7001 | | | 0.5000 | 5.0 | | 20.0 | | | |
| 3 & 4 Methylphenol | 1.1123 | 1.0710 | 1.0280 | 1.0424<br>1.0406 | 1.0731 | Ave | | 1.0612 | | | 0.0100 | 2.9 | | 20.0 | | | |
| 4-Methylphenol | 1.1123 | 1.0710 | 1.0280 | 1.0424<br>1.0406 | 1.0731 | Ave | | 1.0612 | | | 0.6000 | 2.9 | | 20.0 | | | |
| Hexachloroethane | 0.4875<br>0.5208 | 0.5656<br>0.5133 | 0.4917 | 0.5319<br>0.5027 | 0.5199 | Ave | | 0.5167 | | | 0.3000 | 4.8 | | 20.0 | | | |
| Nitrobenzene | 0.4403<br>0.6074 | 0.4800<br>0.5781 | 0.5509 | 0.5735<br>0.5576 | 0.6117 | Ave | | 0.5499 | | | 0.2000 | 11.0 | | 20.0 | | | |
| n,n'-Dimethylaniline | 1.7788<br>1.8819 | 1.8300<br>1.7444 | 1.7402 | 1.8991<br>1.7443 | 1.9035 | Ave | | 1.8153 | | | 0.0100 | 4.0 | | 20.0 | | | |
| Isophorone | 0.5775 | 0.5039<br>0.5654 | 0.5589 | 0.5716<br>0.5672 | 0.5674 | Ave | | 0.5588 | | | 0.4000 | 4.5 | | 20.0 | | | |
| 2-Nitrophenol | 0.1920 | 0.2005 | 0.1927 | 0.1722<br>0.2028 | 0.1885 | Ave | | 0.1914 | | | 0.1000 | 5.7 | | 20.0 | | | |
| 2,4-Dimethylphenol | 0.2527 | 0.2539 | 0.2548 | 0.2575<br>0.2606 | 0.2505 | Ave | | 0.2550 | | | 0.2000 | 1.4 | | 20.0 | | | |
| Bis(2-chloroethoxy)methane | 0.3811 | 0.3732 | 0.3635 | 0.3723<br>0.3693 | 0.3781 | Ave | | 0.3729 | | | 0.3000 | 1.7 | | 20.0 | | | |
| Benzoic acid | 0.1579 | 0.2016 | 0.2171 | 0.0927<br>0.2230 | 0.1161 | Lin1 | -0.177 | 0.2255 | | | 0.0100 | | | | 0.9970 | | 0.9900 |
| 2,4-Dichlorophenol | 0.3052 | 0.3031 | 0.3019 | 0.2824<br>0.3089 | 0.2964 | Ave | | 0.2997 | | | 0.2000 | 3.1 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.3346<br>0.3465 | 0.3528<br>0.3428 | 0.3314 | 0.3500<br>0.3414 | 0.3446 | Ave | | 0.3430 | | | 0.0100 | 2.1 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | 1.0510 1.0577 | 1.0940 1.0199 | 0.9746 | 1.0727 0.9758 | 1.0427 | Ave | | 1.0361 | | | 0.7000 | 4.2 | | 20.0 | | | |
| 2,6-Dichlorophenol | 0.2969 | 0.2958 | 0.2849 | 0.2912 0.2889 | 0.2926 | Ave | | 0.2917 | | | | 1.5 | | 20.0 | | | |
| 4-Chloroaniline | 0.3374 0.4168 | 0.3590 0.3977 | 0.3858 | 0.4124 0.3829 | 0.4107 | Ave | | 0.3878 | | | 0.0100 | 7.2 | | 20.0 | | | |
| Hexachlorobutadiene | 0.1952 0.2050 | 0.2036 0.2069 | 0.1969 | 0.1966 0.2053 | 0.2029 | Ave | | 0.2015 | | | 0.0100 | 2.3 | | 20.0 | | | |
| Caprolactam | 0.0985 | 0.0649 0.1040 | 0.0808 0.1074 | 0.0931 0.1266 | 0.0961 | Qua1 | -0.001 | 0.0784 | 0.0070404 | | | | | | 0.9980 | | 0.9900 |
| 4-Chloro-3-methylphenol | 0.2612 | 0.2683 | 0.2617 | 0.2465 0.2698 | 0.2509 | Ave | | 0.2597 | | | 0.2000 | 3.6 | | 20.0 | | | |
| 2-Methylnaphthalene | 0.7007 | 0.6808 0.6791 | 0.6611 | 0.6988 0.6650 | 0.6969 | Ave | | 0.6832 | | | 0.4000 | 2.4 | | 20.0 | | | |
| 1-Methylnaphthalene | 0.6330 | 0.6202 0.6192 | 0.6007 | 0.6368 0.6019 | 0.6337 | Ave | | 0.6208 | | | 0.0100 | 2.4 | | 20.0 | | | |
| Hexachlorocyclopentadiene | 0.4286 | 0.3728 | 0.4149 | 0.3859 0.4434 | 0.4050 | Ave | | 0.4084 | | | 0.0500 | 6.4 | | 20.0 | | | |
| 1,2,4,5-Tetrachlorobenzene | 0.6944 | 0.6899 | 0.6607 | 0.6645 0.6918 | 0.6704 | Ave | | 0.6786 | | | 0.0100 | 2.2 | | 20.0 | | | |
| 2-tertbutyl-4-methylphenol | 0.4053 | 0.3649 0.4056 | 0.4028 | 0.3945 0.4084 | 0.4036 | Ave | | 0.3979 | | | 0.0100 | 3.8 | | 20.0 | | | |
| 2,4,6-Trichlorophenol | 0.4354 | 0.3399 0.4435 | 0.4315 | 0.4050 0.4438 | 0.4079 | Ave | | 0.4153 | | | 0.2000 | 8.9 | | 20.0 | | | |
| 2,4,5-Trichlorophenol | 0.4570 | 0.4701 | 0.4420 | 0.4172 0.4699 | 0.4323 | Ave | | 0.4481 | | | 0.2000 | 4.8 | | 20.0 | | | |
| 1,1'-Biphenyl | 1.5452 1.6520 | 1.6399 1.5955 | 1.5007 | 1.5938 1.4834 | 1.6141 | Ave | | 1.5781 | | | 0.0100 | 3.9 | | 20.0 | | | |
| 2-Chloronaphthalene | 1.2657 | 1.2121 | 1.1510 | 1.2587 1.1566 | 1.2365 | Ave | | 1.2134 | | | 0.8000 | 4.1 | | 20.0 | | | |
| Phenyl ether | 0.9174 | 0.8960 | 0.8889 | 0.9308 0.8887 | 0.9004 | Ave | | 0.9037 | | | 0.0100 | 1.9 | | 20.0 | | | |
| 2-Nitroaniline | 0.3310 | 0.3401 | 0.3279 | 0.2907 0.3387 | 0.3091 | Ave | | 0.3229 | | | 0.0100 | 6.0 | | 20.0 | | | |
| 1,3-Dimethylnaphthalene | 1.0167 | 0.9866 | 0.9700 | 1.0155 0.9857 | 1.0137 | Ave | | 0.9981 | | | 0.0100 | 2.0 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Coumarin | 0.2234 | 0.2151 | 0.2113 | 0.2117<br>0.2151 | 0.2218 | Ave | | 0.2164 | | | 0.0100 | 2.4 | | 20.0 | | | |
| Dimethyl phthalate | 1.3485 | 1.3463 | 1.2700 | 1.3175<br>1.2957 | 1.3423 | Ave | | 1.3201 | | | 0.0100 | 2.4 | | 20.0 | | | |
| 2,6-Dinitrotoluene | 0.3059 | 0.2201<br>0.3106 | 0.2956 | 0.2726<br>0.3045 | 0.2929 | Ave | | 0.2860 | | | 0.2000 | 11.1 | | 20.0 | | | |
| Acenaphthylene | 1.8967 | 1.8476 | 1.7695 | 1.8531<br>1.7853 | 1.8721 | Ave | | 1.8374 | | | 0.9000 | 2.7 | | 20.0 | | | |
| 3-Nitroaniline | 0.3227 | 0.3304 | 0.3204 | 0.2874<br>0.3265 | 0.3034 | Ave | | 0.3151 | | | 0.0100 | 5.2 | | 20.0 | | | |
| Acenaphthene | 1.1544 | 1.1186 | 1.0679 | 1.1300<br>1.0860 | 1.1268 | Ave | | 1.1139 | | | 0.9000 | 2.8 | | 20.0 | | | |
| 3,5-di-tert-butyl-4-hydroxytol | 0.8605 | 0.9825 | 0.9840 | 1.0175<br>1.0624 | 0.7020 | Ave | | 0.9348 | | | 0.0100 | 14.2 | | 20.0 | | | |
| 2,4-Dinitrophenol | 0.0319<br>0.1775 | 0.2101 | 0.0707<br>0.2043 | 0.1113<br>+++++ | 0.1484 | Qua1 | -0.044 | 0.1692 | 0.0013346 | | | | | | 0.9940 | | 0.9900 |
| 4-Nitrophenol | 0.1677 | 0.1829 | 0.1752 | 0.1378<br>0.1834 | 0.1556 | Ave | | 0.1671 | | | 0.0100 | 10.6 | | 20.0 | | | |
| Dibenzofuran | 1.7389 | 1.6727 | 1.5773 | 1.7047<br>1.6105 | 1.7073 | Ave | | 1.6686 | | | 0.8000 | 3.7 | | 20.0 | | | |
| 2,4-Dinitrotoluene | 0.3978 | 0.2736<br>0.4058 | 0.3878 | 0.3498<br>0.4028 | 0.3794 | Ave | | 0.3710 | | | 0.2000 | 12.7 | | 20.0 | | | |
| 2,3,4,6-Tetrachlorophenol | 0.3626 | 0.3747 | 0.3606 | 0.3342<br>0.3716 | 0.3488 | Ave | | 0.3588 | | | 0.0100 | 4.2 | | 20.0 | | | |
| Diethyl phthalate | 1.2370 | 1.2490 | 1.2329 | 1.6155<br>1.2469 | 1.2397 | Ave | | 1.3035 | | | 0.0100 | 11.7 | | 20.0 | | | |
| Fluorene | 1.3719 | 1.2943<br>1.3146 | 1.2471 | 1.3539<br>1.2597 | 1.3339 | Ave | | 1.3108 | | | 0.9000 | 3.6 | | 20.0 | | | |
| 4-Chlorophenyl phenyl ether | 0.6539 | 0.6520 | 0.6217 | 0.6393<br>0.6454 | 0.6431 | Ave | | 0.6426 | | | 0.4000 | 1.8 | | 20.0 | | | |
| 4-Nitroaniline | 0.2841 | 0.3002 | 0.2854 | 0.2479<br>0.2921 | 0.2635 | Ave | | 0.2789 | | | 0.0100 | 7.0 | | 20.0 | | | |
| 4,6-Dinitro-2-methylphenol | 0.1353 | 0.1468 | 0.1418 | 0.1037<br>0.1513 | 0.1264 | Ave | | 0.1342 | | | 0.0100 | 12.9 | | 20.0 | | | |
| N-Nitrosodiphenylamine | 0.5519 | 0.5505 | 0.5335 | 0.5479<br>0.5506 | 0.5544 | Ave | | 0.5482 | | | 0.0100 | 1.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Diphenylhydrazine | 0.5296 0.6135 | 0.5695 0.6208 | 0.6016 | 0.5867 0.6325 | 0.6158 | Ave | | 0.5962 | | | 0.0100 | 5.6 | | 20.0 | | | |
| Azobenzene | 0.6140 | 0.6214 | 0.6017 | 0.5905 0.6328 | 0.6158 | Ave | | 0.6127 | | | | 2.4 | | 20.0 | | | |
| 4-Bromophenyl phenyl ether | 0.2364 | 0.2434 | 0.2356 | 0.2369 0.2517 | 0.2329 | Ave | | 0.2395 | | | 0.1000 | 2.9 | | 20.0 | | | |
| Hexachlorobenzene | 0.2883 0.3011 | 0.2955 0.3069 | 0.2965 | 0.2999 0.3167 | 0.2977 | Ave | | 0.3003 | | | 0.1000 | 2.8 | | 20.0 | | | |
| Atrazine | 0.2017 | 0.1331 0.2116 | 0.1688 0.2165 | 0.1858 0.2348 | 0.1999 | Lin2 | -0.017 | 0.2156 | | | 0.0100 | | | | 0.9970 | | 0.9900 |
| Pentachlorophenol | 0.1803 | 0.1923 | 0.1905 | 0.1461 0.1992 | 0.1665 | Ave | | 0.1792 | | | 0.0500 | 11.0 | | 20.0 | | | |
| Pentachloronitrobenzene | 0.0951 | 0.0998 | 0.0988 | 0.0880 0.1081 | 0.0919 | Ave | | 0.0969 | | | 0.0100 | 7.2 | | 20.0 | | | |
| n-Octadecane | 0.3485 | 0.3575 | 0.3468 | 0.3289 0.3599 | 0.3509 | Ave | | 0.3487 | | | 0.0100 | 3.2 | | 20.0 | | | |
| Phenanthrene | 1.0570 | 1.0476 | 0.9965 | 1.0824 1.0237 | 1.0622 | Ave | | 1.0449 | | | 0.7000 | 2.9 | | 20.0 | | | |
| Anthracene | 1.0670 | 1.0637 | 1.0337 | 1.0573 1.0559 | 1.0827 | Ave | | 1.0601 | | | 0.7000 | 1.5 | | 20.0 | | | |
| Carbazole | 0.9384 | 0.9246 | 0.8947 | 0.9001 0.9307 | 0.9460 | Ave | | 0.9224 | | | 0.0100 | 2.2 | | 20.0 | | | |
| Di-n-butyl phthalate | 1.0680 | 1.0974 | 1.0799 | 0.9863 1.1410 | 1.0371 | Ave | | 1.0683 | | | 0.0100 | 4.9 | | 20.0 | | | |
| Fluoranthene | 1.0621 | 0.9793 1.0649 | 1.0197 | 1.0254 1.0609 | 1.0430 | Ave | | 1.0365 | | | 0.6000 | 3.0 | | 20.0 | | | |
| Benzidine | 0.4584 | 0.3194 | 0.3389 0.4724 | 0.4100 0.4377 | 0.4507 | Ave | | 0.4125 | | | 0.0100 | 14.6 | | 20.0 | | | |
| Pyrene | 1.5605 | 1.4272 1.5383 | 1.4711 | 1.5007 1.5278 | 1.5433 | Ave | | 1.5099 | | | 0.6000 | 3.1 | | 20.0 | | | |
| Bisphenol-A | 0.5294 | 0.5621 | 0.5896 | 0.4504 0.6233 | 0.4988 | Ave | | 0.5423 | | | | 11.6 | | 20.0 | | | |
| Butyl benzyl phthalate | 0.5618 | 0.5878 | 0.5706 | 0.4680 0.6127 | 0.5258 | Ave | | 0.5545 | | | 0.0100 | 9.2 | | 20.0 | | | |
| 2,3,7,8-TCDD | | 0.2753 | | | | Ave | | 0.2753 | | | 0.0100 | | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 Calibration End Date: 01/29/2025 13:11 Calibration ID: 100051

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbamazepine | 0.4072 | 0.4692 | 0.4996 | 0.2889 0.5238 | 0.3475 | Lin2 | -0.234 | 0.4988 | | | 0.0100 | | | | 0.9940 | | 0.9900 |
| Benzo[a]anthracene | 1.3564 1.3265 | 1.3101 1.3393 | 1.2754 | 1.2932 1.3224 | 1.3179 | Ave | | 1.3177 | | | 0.8000 | 1.9 | | 20.0 | | | |
| 3,3'-Dichlorobenzidine | 0.4957 | 0.2890 0.4969 | 0.5315 | 0.4303 0.5094 | 0.4620 | Lin2 | -0.044 | 0.5032 | | | 0.0100 | | | | 0.9980 | | 0.9900 |
| Chrysene | 1.2929 | 1.3303 1.2380 | 1.1922 | 1.2774 1.2283 | 1.2507 | Ave | | 1.2586 | | | 0.7000 | 3.6 | | 20.0 | | | |
| Bis(2-ethylhexyl) phthalate | 0.7612 | 0.3983 0.8126 | 0.7994 | 0.6392 0.8408 | 0.7079 | Lin2 | -0.082 | 0.7896 | | | 0.0100 | | | | 0.9970 | | 0.9900 |
| Di-n-octyl phthalate | 1.1354 | 1.2282 | 1.2607 | 0.8607 1.3470 | 1.0211 | Ave | | 1.1422 | | | 0.0100 | 15.5 | | 20.0 | | | |
| Benzo[b]fluoranthene | 0.9305 1.2111 | 1.0079 1.2219 | 1.1531 | 1.1090 1.2389 | 1.1568 | Ave | | 1.1286 | | | 0.7000 | 9.7 | | 20.0 | | | |
| Benzo[k]fluoranthene | 0.9972 1.2479 | 1.0306 1.2054 | 1.2087 | 1.2062 1.2277 | 1.2162 | Ave | | 1.1675 | | | 0.7000 | 8.2 | | 20.0 | | | |
| Benzo[a]pyrene | 0.7132 1.0692 | 0.8114 1.0887 | 1.0577 | 0.9758 1.1129 | 1.0105 | Ave | | 0.9799 | | | 0.7000 | 14.6 | | 20.0 | | | |
| Indeno[1,2,3-cd]pyrene | 0.7471 1.1052 | 0.7925 1.1490 | 1.1377 | 0.9711 1.2118 | 1.0315 | Ave | | 1.0182 | | | 0.5000 | 16.7 | | 20.0 | | | |
| Dibenz(a,h)anthracene | 0.8215 1.0973 | 0.8731 1.1054 | 1.1012 | 0.9971 1.1605 | 1.0512 | Ave | | 1.0259 | | | 0.4000 | 11.8 | | 20.0 | | | |
| Benzo[g,h,i]perylene | 0.8627 1.0782 | 0.8566 1.0799 | 1.0561 | 0.9763 1.1159 | 1.0237 | Ave | | 1.0062 | | | 0.5000 | 9.9 | | 20.0 | | | |
| 2-Fluorophenol (Surr) | 1.1879 | 1.0876 1.2267 | 1.2538 | 1.1394 1.2748 | 1.1608 | Ave | | 1.1901 | | | 0.0100 | 5.6 | | 20.0 | | | |
| Phenol-d5 (Surr) | 1.2829 1.5251 | 1.3672 1.5177 | 1.5578 | 1.4606 1.5655 | 1.5104 | Ave | | 1.4734 | | | 0.0100 | 6.8 | | 20.0 | | | |
| Nitrobenzene-d5 (Surr) | 0.2941 0.3575 | 0.3065 0.3662 | 0.3705 | 0.3371 0.3661 | 0.3511 | Ave | | 0.3436 | | | 0.0100 | 8.4 | | 20.0 | | | |
| 2-Fluorobiphenyl | 1.4200 1.5947 | 1.5290 1.5933 | 1.6167 | 1.5616 1.5927 | 1.5722 | Ave | | 1.5600 | | | 0.0100 | 4.0 | | 20.0 | | | |
| 2,4,6-Tribromophenol (Surr) | 0.3253 | 0.2230 0.3435 | 0.3505 | 0.2942 0.3613 | 0.3108 | Ave | | 0.3155 | | | 0.0100 | 14.9 | | 20.0 | | | |
| Terphenyl-d14 (Surr) | 1.1114 1.3248 | 1.1767 1.3303 | 1.3717 | 1.2953 1.3669 | 1.3465 | Ave | | 1.2904 | | | 0.0100 | 7.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1018504/10 | N56137.d |
| Level 2 | STD02 460-1018504/9 | N56135.d |
| Level 3 | STD04 460-1018504/8 | N56133.d |
| Level 4 | STD1 460-1018504/7 | N56131.d |
| Level 5 | STD2 460-1018504/6 | N56129.d |
| Level 6 | STD4 460-1018504/5 | N56127.d |
| Level 7 | ICIS 460-1018504/2 | N56121.d |
| Level 8 | STD16 460-1018504/4 | N56125.d |
| Level 9 | STD24 460-1018504/3 | N56123.d |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 |
| 1,4-Dioxane | DCBd4 | Ave | 3067<br>126948 | 5943<br>334977 | 488278 | 34104<br>748880 | 68294 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| N-Nitrosodimethylamine | DCBd4 | Ave | 183755 | 491905 | 705382 | 49441<br>1082291 | 102108 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Pyridine | DCBd4 | Ave | 11769<br>553737 | 27144<br>1390155 | 2153117 | 154947<br>3244803 | 305293 | 0.200<br>8.00 | 0.400<br>20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Benzaldehyde | DCBd4 | Ave | 203110 | 13049<br>+++++ | 27086<br>+++++ | 73828<br>+++++ | 142779 | 3.20 | 0.200<br>+++++ | 0.400<br>+++++ | 1.00<br>+++++ | 2.00 |
| Aniline | DCBd4 | Ave | 10238<br>478459 | 22573<br>1158127 | 1769015 | 129166<br>2678784 | 261606 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Phenol | DCBd4 | Ave | 433507 | 1105268 | 1616249 | 117269<br>2472759 | 232903 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-chloroethyl)ether | DCBd4 | Ave | 8236<br>307711 | 15964<br>790738 | 1156639 | 87236<br>1750662 | 169517 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Chlorophenol | DCBd4 | Ave | 368986 | 960491 | 1400235 | 99743<br>2129221 | 198085 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n-Decane | DCBd4 | Ave | 268446 | 667603 | 961097 | 74233<br>1456323 | 143827 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | 431560 | 23348<br>1105014 | 1580029 | 120706<br>2400120 | 236134 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | 430623 | 22605<br>1104315 | 1584652 | 117629<br>2403609 | 233050 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | 405607 | 22558<br>1030505 | 1481576 | 113054<br>2257625 | 222644 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzyl alcohol | DCBd4 | Ave | 205206 | 538427 | 784057 | 53148<br>1188803 | 112182 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Methylphenol | DCBd4 | Ave | 293809 | 749781 | 1069404 | 79635<br>1622229 | 157643 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,2'-oxybis[1-chloropropane] | DCBd4 | Ave | | | | 91086 | 176713 | | | | 1.00 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 318263 | 781900 | 1137252 | 1681048 | | 4.00 | 10.0 | 16.0 | 24.0 | |
| N-Methylaniline | DCBd4 | Ave | 9233<br>494841 | 22876<br>1272714 | 1894099 | 138686<br>2893084 | 268756 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acetophenone | DCBd4 | Ave | 461349 | 1143770 | 1656208 | 127144<br>2494694 | 248374 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| N-Nitrosodi-n-propylamine | DCBd4 | Ave | 4732<br>207525 | 10147<br>516882 | 760139 | 55272<br>1141321 | 110866 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3 & 4 Methylphenol | DCBd4 | Ave | 310115 | 781171 | 1130486 | 81215<br>1692080 | 164975 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Methylphenol | DCBd4 | Ave | 310115 | 781171 | 1130486 | 81215<br>1692080 | 164975 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachloroethane | DCBd4 | Ave | 3697<br>145193 | 8198<br>374412 | 540723 | 41446<br>817520 | 79924 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Nitrobenzene | DCBd4 | Ave | 3339<br>169348 | 6957<br>421680 | 605876 | 44683<br>906751 | 94041 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n,n'-Dimethylaniline | DCBd4 | Ave | 13491<br>524656 | 26526<br>1272392 | 1913707 | 147968<br>2836388 | 292648 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Isophorone | NPT | Ave | 546684 | 24991<br>1351304 | 2012478 | 151025<br>3017876 | 295208 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Nitrophenol | NPT | Ave | 181715 | 479168 | 693785 | 45492<br>1079265 | 98095 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dimethylphenol | NPT | Ave | 239200 | 606926 | 917363 | 68034<br>1386651 | 130303 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-chloroethoxy)methane | NPT | Ave | 360806 | 891987 | 1308985 | 98368<br>1965118 | 196722 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzoic acid | NPT | Lin1 | 149496 | 481745 | 781579 | 24481<br>1186434 | 60406 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dichlorophenol | NPT | Ave | 288939 | 724482 | 1086921 | 74614<br>1643658 | 154229 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2,4-Trichlorobenzene | NPT | Ave | 8584<br>328031 | 17497<br>819253 | 1193082 | 92464<br>1816726 | 179302 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Naphthalene | NPT | Ave | 26967<br>1001320 | 54258<br>2437478 | 3509278 | 283411<br>5192114 | 542492 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,6-Dichlorophenol | NPT | Ave | 281084 | 707035 | 1025920 | 76938<br>1537252 | 152225 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Chloroaniline | NPT | Ave | 8657<br>394587 | 17804<br>950551 | 1389219 | 108957<br>2037651 | 213662 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorobutadiene | NPT | Ave | 5009<br>194041 | 10099<br>494440 | 708840 | 51938<br>1092314 | 105586 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Caprolactam | NPT | Qua1 | 74603 | 3219<br>99406 | 8337<br>116052 | 24597<br>179607 | 50019 | 3.20 | 0.200<br>4.00 | 0.400<br>4.80 | 1.00<br>6.40 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 4-Chloro-3-methylphenol | NPT | Ave | 247263 | 641208 | 942207 | 65125<br>1435723 | 130548 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Methylnaphthalene | NPT | Ave | 663356 | 33767<br>1623131 | 2380378 | 184634<br>3538516 | 362561 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1-Methylnaphthalene | NPT | Ave | 599263 | 30758<br>1479884 | 2163033 | 168251<br>3202688 | 329696 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorocyclopentadiene | ANT | Ave | 201108 | 432111 | 731786 | 51900<br>1135940 | 106896 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2,4,5-Tetrachlorobenzene | ANT | Ave | 325853 | 799687 | 1165316 | 89373<br>1772241 | 176941 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-tertbutyl-4-methylphenol | NPT | Ave | 383709 | 18097<br>969422 | 1450215 | 104225<br>2173222 | 209976 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,6-Trichlorophenol | ANT | Ave | 204325 | 8516<br>514019 | 761004 | 54472<br>1136996 | 107660 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,5-Trichlorophenol | ANT | Ave | 214480 | 544898 | 779501 | 56114<br>1203903 | 114106 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,1'-Biphenyl | ANT | Ave | 20451<br>775263 | 41087<br>1849298 | 2646677 | 214356<br>3800128 | 426034 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Chloronaphthalene | ANT | Ave | 593942 | 1404875 | 2030039 | 169290<br>2962872 | 326378 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Phenyl ether | ANT | Ave | 430523 | 1038518 | 1567703 | 125193<br>2276545 | 237651 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Nitroaniline | ANT | Ave | 155310 | 394225 | 578272 | 39104<br>867745 | 81575 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,3-Dimethylnaphthalene | ANT | Ave | 477131 | 1143601 | 1710788 | 136583<br>2525202 | 267568 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Coumarin | NPT | Ave | 211532 | 513975 | 760761 | 55922<br>1144707 | 115374 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Dimethyl phthalate | ANT | Ave | 632834 | 1560521 | 2239787 | 177204<br>3319434 | 354294 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,6-Dinitrotoluene | ANT | Ave | 143528 | 5515<br>360007 | 521421 | 36665<br>780169 | 77301 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acenaphthylene | ANT | Ave | 890074 | 2141509 | 3120819 | 249240<br>4573563 | 494144 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3-Nitroaniline | ANT | Ave | 151417 | 382955 | 565149 | 38652<br>836357 | 80094 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Acenaphthene | ANT | Ave | 541722 | 1296567 | 1883343 | 151984<br>2781981 | 297426 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3,5-di-tert-butyl-4-hydroxytol | ANT | Ave | 403810 | 1138767 | 1735422 | 136854<br>2721664 | 185283 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dinitrophenol | ANT | Qua1 | 844 | | 7519 | 29937 | 78320 | 0.200 | | 0.800 | 2.00 | 4.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 166551 | 486980 | 720523 | +++++ | | 8.00 | 20.0 | 32.0 | +++++ | |
| 4-Nitrophenol | ANT | Ave | 157352 | 423965 | 617948 | 37063<br>939616 | 82134 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Dibenzofuran | ANT | Ave | 815998 | 1938841 | 2781747 | 229278<br>4125871 | 450630 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4-Dinitrotoluene | ANT | Ave | 186669 | 6854<br>470348 | 683975 | 47045<br>1031977 | 100143 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,3,4,6-Tetrachlorophenol | ANT | Ave | 170170 | 434342 | 635998 | 44946<br>951868 | 92077 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Diethyl phthalate | ANT | Ave | 580469 | 1447740 | 2174460 | 217282<br>3194381 | 327204 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Fluorene | ANT | Ave | 643798 | 32428<br>1523778 | 2199534 | 182093<br>3227062 | 352089 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Chlorophenyl phenyl ether | ANT | Ave | 306841 | 755687 | 1096487 | 85988<br>1653343 | 169748 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Nitroaniline | ANT | Ave | 133309 | 347949 | 503401 | 33336<br>748308 | 69548 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4,6-Dinitro-2-methylphenol | PHN | Ave | 219629 | 582572 | 850399 | 48402<br>1302255 | 114066 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| N-Nitrosodiphenylamine | PHN | Ave | 448079 | 1092593 | 1599557 | 127914<br>2369037 | 250185 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 1,2-Diphenylhydrazine | PHN | Ave | 12252<br>498097 | 24950<br>1232080 | 1803666 | 136970<br>2721181 | 277872 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Azobenzene | PHN | Ave | 498462 | 1233270 | 1803937 | 137873<br>2722775 | 277872 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 4-Bromophenyl phenyl ether | PHN | Ave | 191920 | 483127 | 706444 | 55318<br>1082748 | 105099 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Hexachlorobenzene | PHN | Ave | 6670<br>244481 | 12947<br>609132 | 889066 | 70016<br>1362805 | 134322 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Atrazine | PHN | Lin2 | 130973 | 5831<br>167963 | 15553<br>194705 | 43376<br>269411 | 90205 | 3.20 | 0.200<br>4.00 | 0.400<br>4.80 | 1.00<br>6.40 | 2.00 |
| Pentachlorophenol | PHN | Ave | 292692 | 763441 | 1141994 | 68222<br>1714341 | 150292 | 8.00 | 20.0 | 32.0 | 2.00<br>48.0 | 4.00 |
| Pentachloronitrobenzene | PHN | Ave | 77236 | 198015 | 296069 | 20546<br>464948 | 41485 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| n-Octadecane | PHN | Ave | 282890 | 709542 | 1039630 | 76786<br>1548460 | 158369 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Phenanthrene | PHN | Ave | 858115 | 2079008 | 2987684 | 252722<br>4404454 | 479315 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Anthracene | PHN | Ave | 866245 | 2110956 | 3098983 | 246858<br>4543180 | 488602 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Carbazole | PHN | Ave | 761821 | 1834832 | 2682290 | 210153<br>4004413 | 426893 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Di-n-butyl phthalate | PHN | Ave | 867037 | 2177874 | 3237689 | 230285<br>4909259 | 467996 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Fluoranthene | PHN | Ave | 862256 | 42904<br>2113385 | 3057015 | 239403<br>4564758 | 470689 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzidine | PHN | Ave | 372185 | 633828 | 31225<br>1416307 | 95728<br>1883009 | 203380 | 4.00 | 10.0 | 0.400<br>16.0 | 1.00<br>24.0 | 2.00 |
| Pyrene | CRY | Ave | 878783 | 42613<br>2134724 | 3145356 | 244764<br>4632613 | 492903 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bisphenol-A | CRY | Ave | 298101 | 780049 | 1260560 | 73458<br>1890068 | 159315 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Butyl benzyl phthalate | CRY | Ave | 316368 | 815757 | 1220019 | 76336<br>1857719 | 167930 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,3,7,8-TCDD | CRY | Ave | | 3820 | | | | | 0.100 | | | |
| Carbamazepine | CRY | Lin2 | 229301 | 651078 | 1068309 | 47121<br>1588214 | 110978 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[a]anthracene | CRY | Ave | 21285<br>746996 | 39116<br>1858564 | 2726960 | 210923<br>4009638 | 420904 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 3,3'-Dichlorobenzidine | CRY | Lin2 | 279152 | 8629<br>689531 | 1136448 | 70175<br>1544521 | 147554 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Chrysene | CRY | Ave | 728078 | 39719<br>1718061 | 2549032 | 208348<br>3724332 | 399457 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Bis(2-ethylhexyl) phthalate | CRY | Lin2 | 428639 | 11893<br>1127595 | 1709180 | 104249<br>2549362 | 226075 | 4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Di-n-octyl phthalate | PRY | Ave | 632530 | 1721416 | 2692093 | 137405<br>4027673 | 320877 | 4.00 | 10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[b]fluoranthene | PRY | Ave | 14180<br>674658 | 29283<br>1712625 | 2462346 | 177044<br>3704220 | 363517 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[k]fluoranthene | PRY | Ave | 15197<br>695209 | 29942<br>1689463 | 2580969 | 192576<br>3670911 | 382198 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[a]pyrene | PRY | Ave | 10869<br>595625 | 23573<br>1525893 | 2258640 | 155784<br>3327560 | 317561 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Indeno[1,2,3-cd]pyrene | PRY | Ave | 11385<br>615685 | 23026<br>1610445 | 2429416 | 155028<br>3623344 | 324156 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Dibenz(a,h)anthracene | PRY | Ave | 12519<br>611261 | 25367<br>1549330 | 2351565 | 159182<br>3469775 | 330348 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Benzo[g,h,i]perylene | PRY | Ave | 13147<br>600622 | 24886<br>1513582 | 2255265 | 155871<br>3336436 | 321708 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Fluorophenol (Surr) | DCBd4 | Ave | | 15764 | | 88772 | 178467 | | 0.200 | | 1.00 | 2.00 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 331184 | 894756 | 1378865 | 2072943 | | 4.00 | 10.0 | 16.0 | 24.0 | |
| Phenol-d5 (Surr) | DCBd4 | Ave | 9730<br>425189 | 19817<br>1107003 | 1713133 | 113803<br>2545744 | 232207 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Nitrobenzene-d5 (Surr) | NPT | Ave | 7546<br>338450 | 15199<br>875145 | 1334027 | 89073<br>1948020 | 182651 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2-Fluorobiphenyl | ANT | Ave | 18793<br>748336 | 38310<br>1846753 | 2851335 | 210028<br>4080153 | 414979 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| 2,4,6-Tribromophenol (Surr) | ANT | Ave | <br>152661 | 5588<br>398108 | 618088 | 39573<br>925561 | 82025 | <br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |
| Terphenyl-d14 (Surr) | CRY | Ave | 17440<br>746040 | 35133<br>1846064 | 2932769 | 211264<br>4144567 | 430052 | 0.100<br>4.00 | 0.200<br>10.0 | 16.0 | 1.00<br>24.0 | 2.00 |

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Lin2 = Linear 1/conc^2 ISTD
Qua1 = Quadratic 1/conc ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1018504

SDG No.:

Instrument ID: CBNAMS14 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/29/2025 07:32 | Calibration End Date: 01/29/2025 13:11 | Calibration ID: 100051

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD01 460-1018504/10 | N56137.d |
| Level 2 | STD02 460-1018504/9 | N56135.d |
| Level 3 | STD04 460-1018504/8 | N56133.d |
| Level 4 | STD1 460-1018504/7 | N56131.d |
| Level 5 | STD2 460-1018504/6 | N56129.d |
| Level 6 | STD4 460-1018504/5 | N56127.d |
| Level 7 | ICIS 460-1018504/2 | N56121.d |
| Level 8 | STD16 460-1018504/4 | N56125.d |
| Level 9 | STD24 460-1018504/3 | N56123.d |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| Benzoic acid | | | | 19.3 | | | | | | 30 | | |
| Atrazine | | 2.1 | | | | | | 30 | | | | |
| Carbamazepine | | | | 4.8 | | | | | | 30 | | |
| 3,3'-Dichlorobenzidine | | 1.4 | | | | | | 30 | | | | |
| Bis(2-ethylhexyl) phthalate | | 2.1 | | | | | | 30 | | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 29-Jan-2025 07:32:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:31:14 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 14:31:14

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.043 | 1.043 | 0.000 | 90 | 334977 | 10.0 | 10.5 | |
| 2 N-Nitrosodimethylamine | 74 | 1.209 | 1.209 | 0.000 | 96 | 491905 | 10.0 | 10.3 | |
| 3 Pyridine | 79 | 1.222 | 1.222 | 0.000 | 97 | 1390155 | 20.0 | 20.0 | |
| $ 4 2-Fluorophenol | 112 | 2.115 | 2.115 | 0.000 | 96 | 894756 | 10.0 | 10.3 | |
| 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 95 | 158330 | 4.00 | 2.37 | |
| $ 6 Phenol-d5 | 99 | 2.984 | 2.984 | 0.000 | 94 | 1107003 | 10.0 | 10.3 | |
| 8 Aniline | 93 | 2.987 | 2.987 | 0.000 | 95 | 1158127 | 10.0 | 9.90 | |
| 7 Phenol | 94 | 2.997 | 2.997 | 0.000 | 96 | 1105268 | 10.0 | 10.0 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.070 | 3.070 | 0.000 | 99 | 790738 | 10.0 | 9.94 | |
| 10 Benzonitrile | 103 | 3.073 | 3.073 | 0.000 | 96 | 1614397 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.099 | 3.099 | 0.000 | 98 | 960491 | 10.0 | 10.1 | |
| 12 n-Decane | 43 | 3.176 | 3.176 | 0.000 | 88 | 667603 | 10.0 | 9.92 | |
| 13 1,3-Dichlorobenzene | 146 | 3.249 | 3.249 | 0.000 | 98 | 1105014 | 10.0 | 9.94 | a |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.310 | 3.310 | 0.000 | 93 | 583523 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.329 | 3.329 | 0.000 | 97 | 1104315 | 10.0 | 10.0 | a |
| 16 Benzyl alcohol | 108 | 3.479 | 3.479 | 0.000 | 96 | 538427 | 10.0 | 10.2 | |
| 17 1,2-Dichlorobenzene | 146 | 3.479 | 3.479 | 0.000 | 98 | 1030505 | 10.0 | 9.83 | |
| 18 2-Methylphenol | 108 | 3.613 | 3.613 | 0.000 | 91 | 749781 | 10.0 | 10.1 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.620 | 3.620 | 0.000 | 92 | 781900 | 10.0 | 9.75 | |
| 20 N-Methylaniline | 106 | 3.735 | 3.735 | 0.000 | 99 | 1272714 | 10.0 | 10.5 | |
| 21 Acetophenone | 105 | 3.741 | 3.741 | 0.000 | 94 | 1143770 | 10.0 | 9.89 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.757 | 3.757 | 0.000 | 81 | 516882 | 10.0 | 10.1 | |
| 24 4-Methylphenol | 108 | 3.780 | 3.780 | 0.000 | 98 | 781171 | 10.0 | 10.1 | |
| 23 3 & 4 Methylphenol | 108 | 3.780 | 3.780 | 0.000 | 67 | 781171 | 10.0 | 10.1 | |
| 25 Hexachloroethane | 117 | 3.811 | 3.811 | 0.000 | 93 | 374412 | 10.0 | 9.93 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.885 | 3.885 | 0.000 | 84 | 875145 | 10.0 | 10.7 | |
| 28 Nitrobenzene | 123 | 3.904 | 3.904 | 0.000 | 98 | 421680 | 10.0 | 10.5 | |
| 29 n,n'-Dimethylaniline | 120 | 3.911 | 3.911 | 0.000 | 95 | 1272392 | 10.0 | 9.61 | |
| 30 Isophorone | 82 | 4.153 | 4.153 | 0.000 | 98 | 1351304 | 10.0 | 10.1 | |
| 32 2-Nitrophenol | 139 | 4.221 | 4.221 | 0.000 | 96 | 479168 | 10.0 | 10.5 | |
| 33 2,4-Dimethylphenol | 122 | 4.304 | 4.304 | 0.000 | 93 | 606926 | 10.0 | 9.96 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.396 | 4.396 | 0.000 | 96 | 891987 | 10.0 | 10.0 | |
| 35 Benzoic acid | 122 | 4.451 | 4.451 | 0.000 | 88 | 481745 | 10.0 | 9.72 | |
| 36 2,4-Dichlorophenol | 162 | 4.463 | 4.463 | 0.000 | 97 | 724482 | 10.0 | 10.1 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.537 | 4.537 | 0.000 | 95 | 819253 | 10.0 | 10.0 | |
| * 38 Naphthalene-d8 | 136 | 4.582 | 4.582 | 0.000 | 99 | 1911976 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.601 | 4.601 | 0.000 | 99 | 2437478 | 10.0 | 9.84 | |
| 130 2,6-Dichlorophenol | 162 | 4.684 | 4.684 | 0.000 | 96 | 707035 | 10.0 | 10.1 | |
| 40 4-Chloroaniline | 127 | 4.684 | 4.684 | 0.000 | 98 | 950551 | 10.0 | 10.3 | |
| 41 Hexachlorobutadiene | 225 | 4.742 | 4.742 | 0.000 | 98 | 494440 | 10.0 | 10.3 | |
| 42 Caprolactam | 55 | 5.023 | 5.023 | 0.000 | 95 | 99406 | 4.00 | 3.93 | M |
| 43 4-Chloro-3-methylphenol | 107 | 5.189 | 5.189 | 0.000 | 94 | 641208 | 10.0 | 10.3 | |
| 44 2-Methylnaphthalene | 142 | 5.279 | 5.279 | 0.000 | 84 | 1623131 | 10.0 | 9.94 | |
| 45 1-Methylnaphthalene | 142 | 5.368 | 5.368 | 0.000 | 92 | 1479884 | 10.0 | 9.97 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.435 | 5.435 | 0.000 | 98 | 432111 | 10.0 | 9.13 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.442 | 5.442 | 0.000 | 98 | 799687 | 10.0 | 10.2 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.528 | 5.528 | 0.000 | 92 | 969422 | 10.0 | 10.2 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.566 | 5.566 | 0.000 | 93 | 514019 | 10.0 | 10.7 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.595 | 5.595 | 0.000 | 99 | 544898 | 10.0 | 10.5 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.650 | 5.650 | 0.000 | 97 | 1846753 | 10.0 | 10.2 | |
| 52 1,1'-Biphenyl | 154 | 5.736 | 5.736 | 0.000 | 95 | 1849298 | 10.0 | 10.1 | |
| 53 2-Chloronaphthalene | 162 | 5.739 | 5.739 | 0.000 | 96 | 1404875 | 10.0 | 9.99 | |
| 54 Phenyl ether | 170 | 5.845 | 5.845 | 0.000 | 81 | 1038518 | 10.0 | 9.91 | |
| 55 2-Nitroaniline | 65 | 5.861 | 5.861 | 0.000 | 91 | 394225 | 10.0 | 10.5 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.954 | 5.954 | 0.000 | 92 | 1143601 | 10.0 | 9.89 | |
| 60 Coumarin | 146 | 6.043 | 6.043 | 0.000 | 81 | 513975 | 10.0 | 9.94 | |
| 59 Dimethyl phthalate | 163 | 6.065 | 6.065 | 0.000 | 98 | 1560521 | 10.0 | 10.2 | |
| 61 2,6-Dinitrotoluene | 165 | 6.107 | 6.107 | 0.000 | 93 | 360007 | 10.0 | 10.9 | |
| 62 Acenaphthylene | 152 | 6.123 | 6.123 | 0.000 | 97 | 2141509 | 10.0 | 10.1 | |
| 63 3-Nitroaniline | 138 | 6.254 | 6.254 | 0.000 | 93 | 382955 | 10.0 | 10.5 | |
| * 64 Acenaphthene-d10 | 164 | 6.261 | 6.261 | 0.000 | 96 | 927267 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.293 | 6.293 | 0.000 | 95 | 1296567 | 10.0 | 10.0 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.334 | 6.334 | 0.000 | 96 | 1138767 | 10.0 | 10.5 | |
| 67 2,4-Dinitrophenol | 184 | 6.357 | 6.357 | 0.000 | 91 | 486980 | 20.0 | 21.5 | |
| 68 4-Nitrophenol | 65 | 6.453 | 6.453 | 0.000 | 86 | 423965 | 20.0 | 21.9 | |
| 70 Dibenzofuran | 168 | 6.456 | 6.456 | 0.000 | 97 | 1938841 | 10.0 | 10.0 | |
| 69 2,4-Dinitrotoluene | 165 | 6.481 | 6.481 | 0.000 | 97 | 470348 | 10.0 | 10.9 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.587 | 6.587 | 0.000 | 96 | 434342 | 10.0 | 10.4 | |
| 73 Diethyl phthalate | 149 | 6.740 | 6.740 | 0.000 | 99 | 1447740 | 10.0 | 9.58 | |
| 75 Fluorene | 166 | 6.776 | 6.776 | 0.000 | 94 | 1523778 | 10.0 | 10.0 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.801 | 6.801 | 0.000 | 92 | 755687 | 10.0 | 10.1 | |
| 76 4-Nitroaniline | 138 | 6.830 | 6.830 | 0.000 | 84 | 347949 | 10.0 | 10.8 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.862 | 6.862 | 0.000 | 93 | 582572 | 20.0 | 21.9 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.923 | 6.923 | 0.000 | 96 | 1092593 | 10.0 | 10.0 | |
| 131 Azobenzene | 77 | 6.949 | 6.949 | 0.000 | 0 | 1233270 | 10.0 | 10.1 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.949 | 6.949 | 0.000 | 92 | 1232080 | 10.0 | 10.4 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.006 | 7.006 | 0.000 | 89 | 398108 | 10.0 | 10.9 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.256 | 7.256 | 0.000 | 97 | 483127 | 10.0 | 10.2 | |
| 82 Hexachlorobenzene | 284 | 7.288 | 7.288 | 0.000 | 95 | 609132 | 10.0 | 10.2 | |
| 83 Atrazine | 200 | 7.451 | 7.451 | 0.000 | 95 | 167963 | 4.00 | 4.01 | |
| 84 Pentachlorophenol | 266 | 7.486 | 7.486 | 0.000 | 95 | 763441 | 20.0 | 21.5 | |
| 85 Pentachloronitrobenzene | 237 | 7.499 | 7.499 | 0.000 | 93 | 198015 | 10.0 | 10.3 | |
| 86 n-Octadecane | 57 | 7.643 | 7.643 | 0.000 | 67 | 709542 | 10.0 | 10.3 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.646 | 7.646 | 0.000 | 98 | 1587648 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.665 | 7.665 | 0.000 | 97 | 2079008 | 10.0 | 10.0 | |
| 89 Anthracene | 178 | 7.713 | 7.713 | 0.000 | 99 | 2110956 | 10.0 | 10.0 | |
| 90 Carbazole | 167 | 7.886 | 7.886 | 0.000 | 96 | 1834832 | 10.0 | 10.0 | |
| 91 Di-n-butyl phthalate | 149 | 8.276 | 8.276 | 0.000 | 99 | 2177874 | 10.0 | 10.3 | |
| 92 Fluoranthene | 202 | 8.774 | 8.774 | 0.000 | 98 | 2113385 | 10.0 | 10.3 | |
| 93 Benzidine | 184 | 8.941 | 8.941 | 0.000 | 99 | 633828 | 10.0 | 7.74 | |
| 94 Pyrene | 202 | 8.976 | 8.976 | 0.000 | 98 | 2134724 | 10.0 | 10.2 | |
| 95 Bisphenol-A | 213 | 9.097 | 9.097 | 0.000 | 98 | 780049 | 10.0 | 10.4 | M |
| $ 96 Terphenyl-d14 | 244 | 9.174 | 9.174 | 0.000 | 97 | 1846064 | 10.0 | 10.3 | |
| 97 Butyl benzyl phthalate | 149 | 9.677 | 9.677 | 0.000 | 95 | 815757 | 10.0 | 10.6 | |
| 98 2,3,7,8-TCDD | 320 | 9.699 | 9.699 | 0.000 | 90 | 3820 | 0.1000 | 0.1000 | |
| 99 Carbamazepine | 193 | 9.731 | 9.731 | 0.000 | 93 | 651078 | 10.0 | 9.87 | |
| 101 Benzo[a]anthracene | 228 | 10.112 | 10.112 | 0.000 | 99 | 1858564 | 10.0 | 10.2 | |
| * 102 Chrysene-d12 | 240 | 10.121 | 10.121 | 0.000 | 99 | 1110173 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.124 | 10.124 | 0.000 | 99 | 689531 | 10.0 | 9.96 | |
| 104 Chrysene | 228 | 10.144 | 10.144 | 0.000 | 98 | 1718061 | 10.0 | 9.84 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.253 | 10.253 | 0.000 | 84 | 1127595 | 10.0 | 10.4 | |
| 105 Di-n-octyl phthalate | 149 | 10.921 | 10.921 | 0.000 | 96 | 1721416 | 10.0 | 10.8 | |
| 106 Benzo[b]fluoranthene | 252 | 11.186 | 11.186 | 0.000 | 98 | 1712625 | 10.0 | 10.8 | |
| 107 Benzo[k]fluoranthene | 252 | 11.218 | 11.218 | 0.000 | 99 | 1689463 | 10.0 | 10.3 | |
| 108 Benzo[a]pyrene | 252 | 11.528 | 11.528 | 0.000 | 97 | 1525893 | 10.0 | 11.1 | |
| * 109 Perylene-d12 | 264 | 11.592 | 11.592 | 0.000 | 99 | 1121260 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.833 | 12.833 | 0.000 | 99 | 1610445 | 10.0 | 11.3 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.881 | 12.881 | 0.000 | 97 | 1549330 | 10.0 | 10.8 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.137 | 13.137 | 0.000 | 98 | 1513582 | 10.0 | 10.7 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:31:16 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d

Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14 Operator ID:

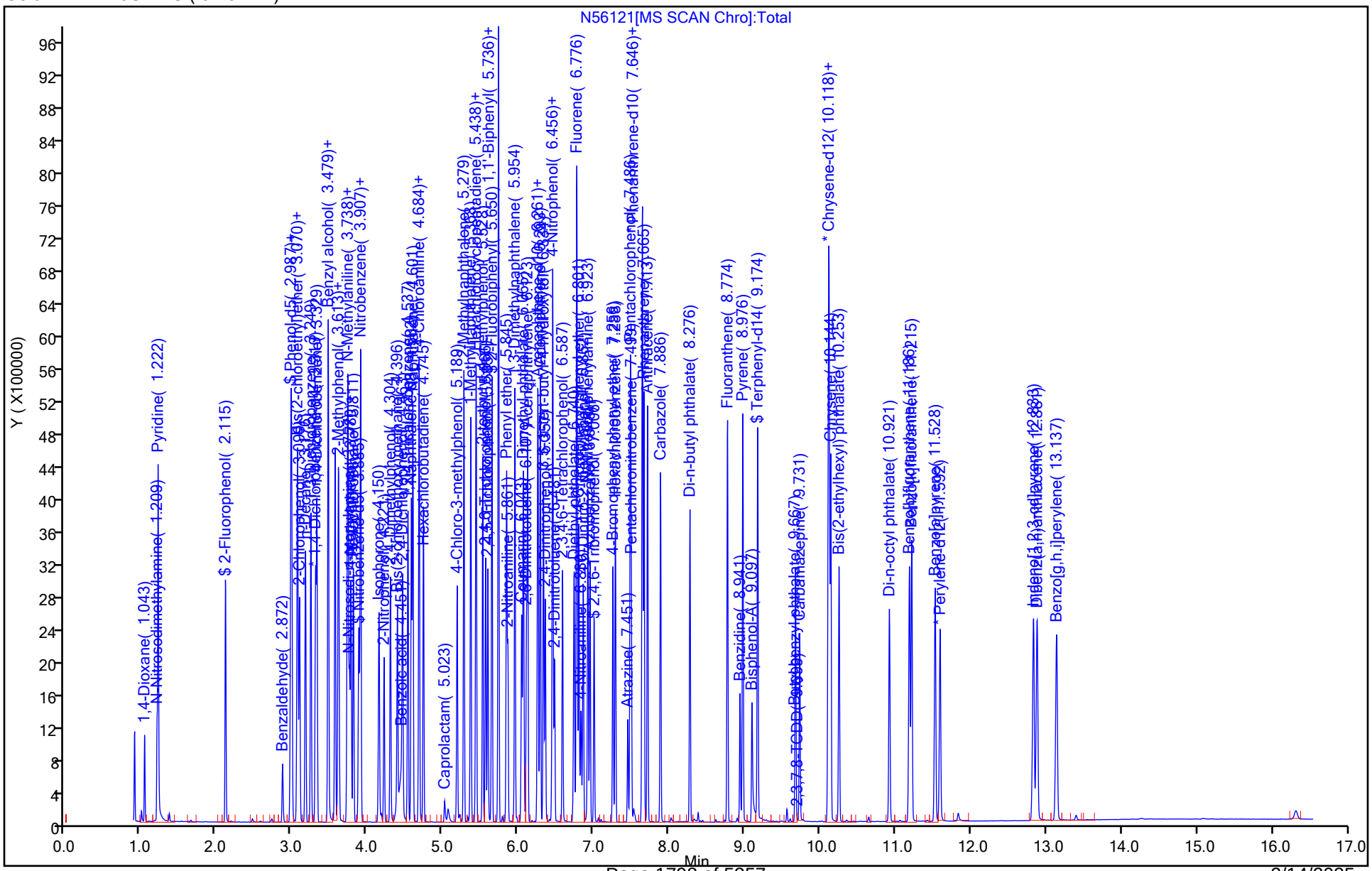
Lims ID: ICIS Worklist Smp#: 2

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Resolution Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d | | | | |
| Injection Date: | 29-Jan-2025 07:32:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | ICIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

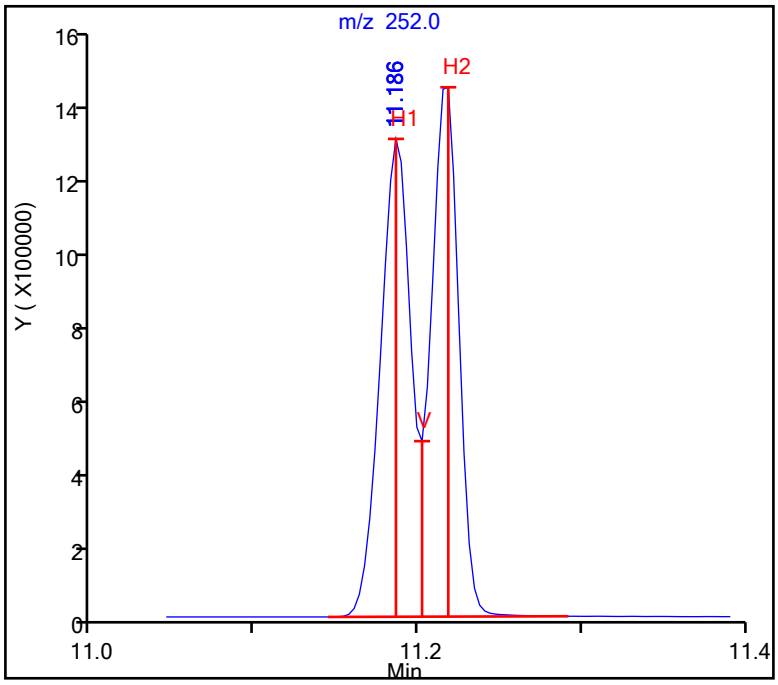
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 469823
H1( 106 Benzo[b]fluoranthen) = 1278979
H2( 107 Benzo[k]fluoranthen) = 1416826

Version D: %R = 34.9 <= 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

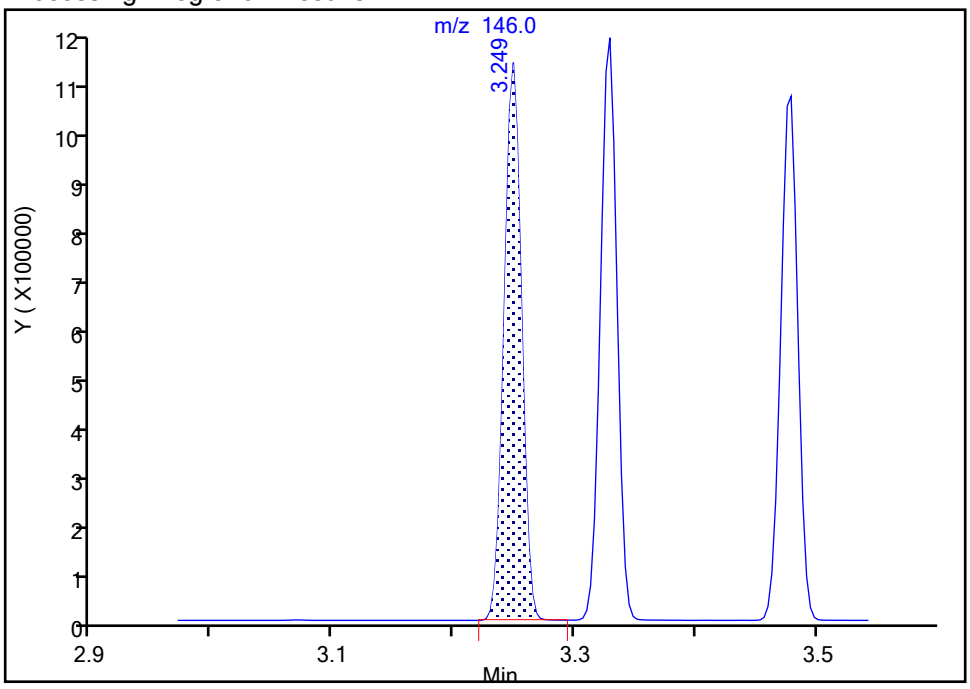
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 13 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

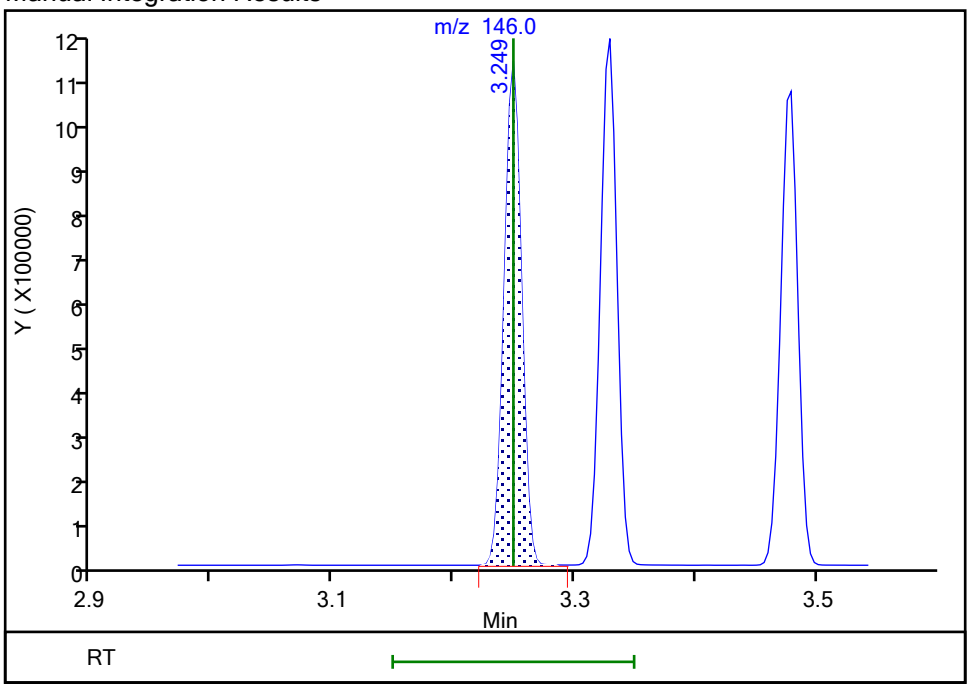
Processing Integration Results

RT: 3.25
Area: 1105014
Amount: 10.000000
Amount Units: ug/ml




Manual Integration Results

RT: 3.25
Area: 1105014
Amount: 9.937298
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:03:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

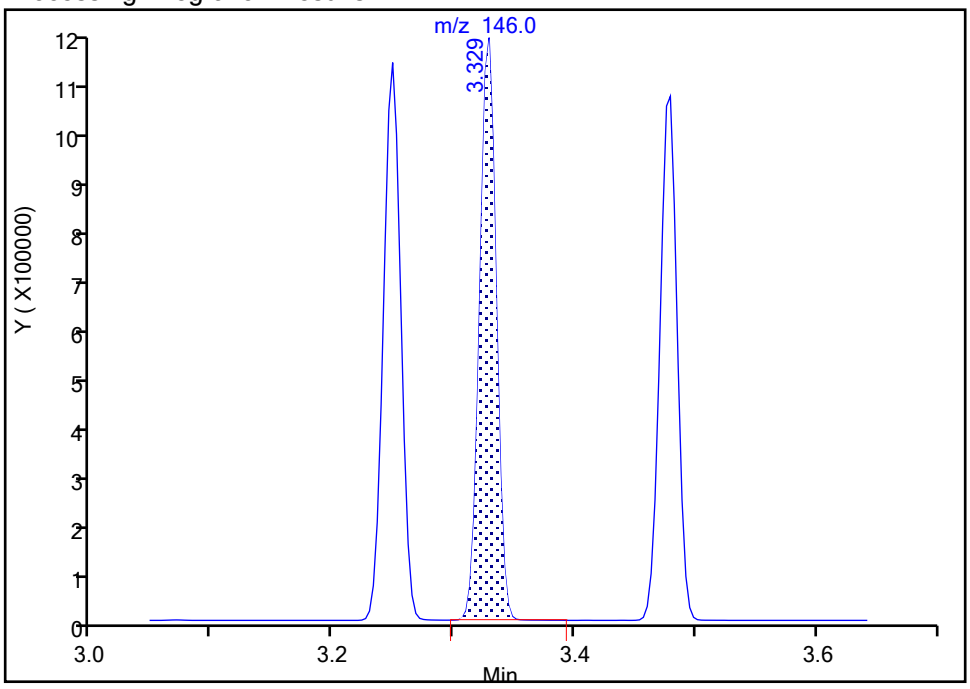
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 15 1,4-Dichlorobenzene, CAS: 106-46-7

Signal: 1

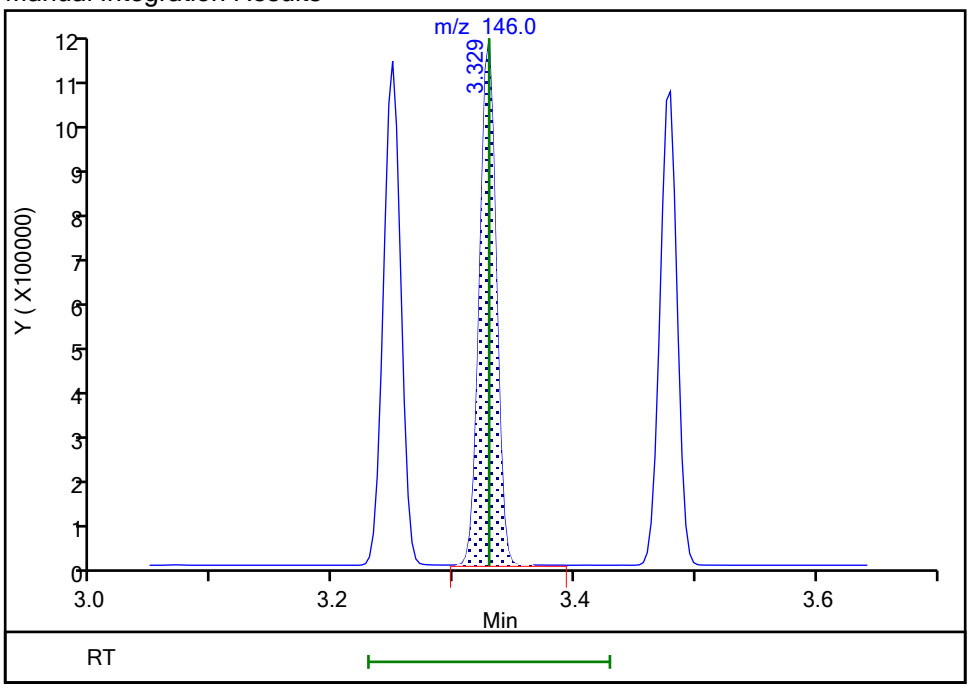
Processing Integration Results

RT: 3.33
Area: 1104315
Amount: 10.000000
Amount Units: ug/ml




Manual Integration Results

RT: 3.33
Area: 1104315
Amount: 10.033288
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:03:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

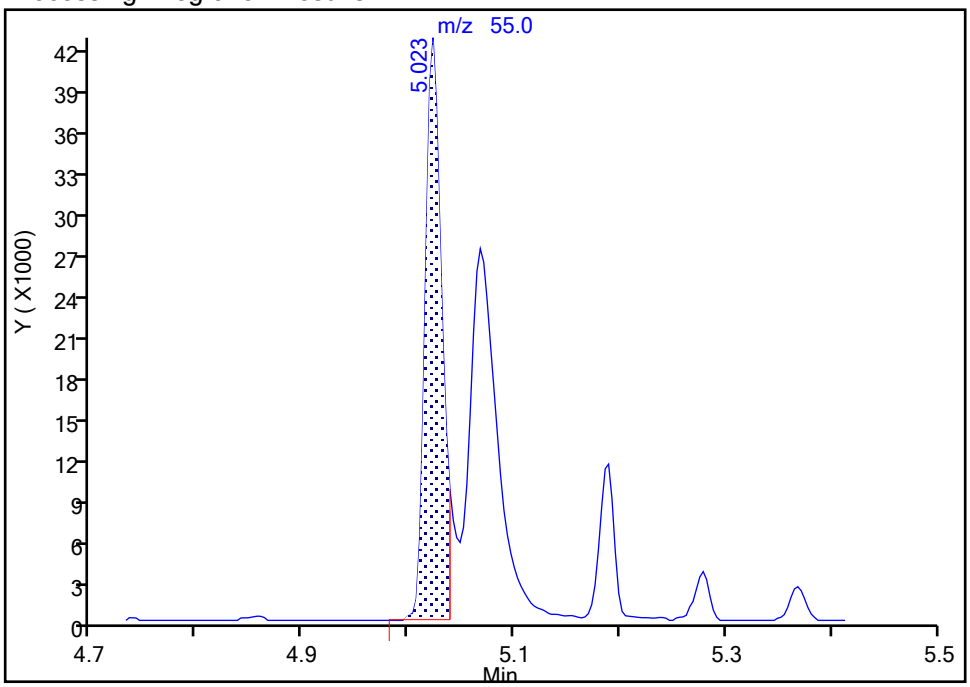
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

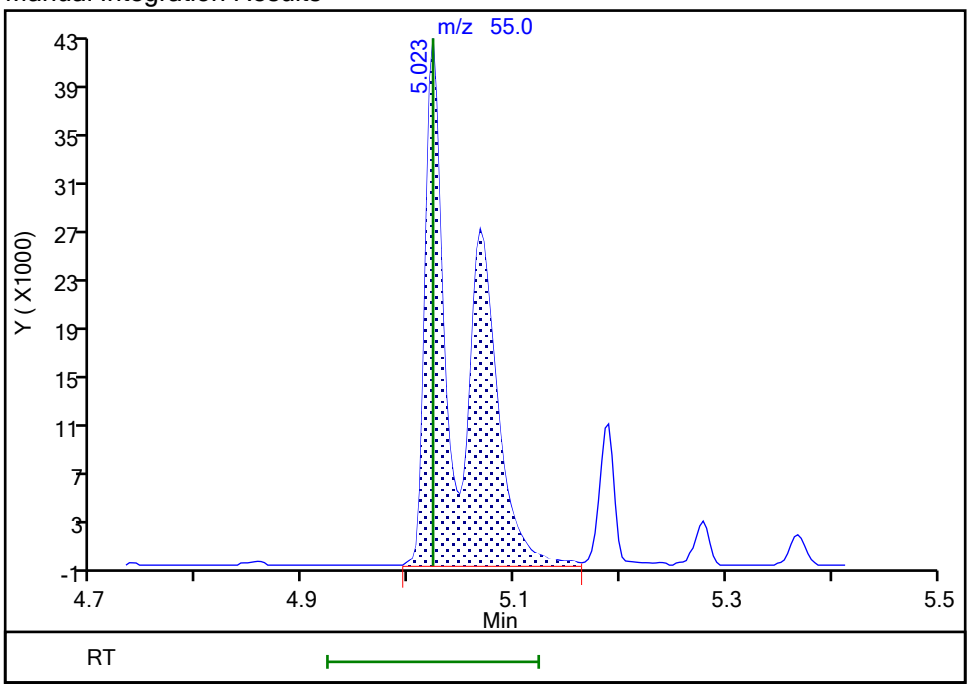
Processing Integration Results

RT: 5.02
Area: 46457
Amount: 4.000000
Amount Units: ug/ml




Manual Integration Results

RT: 5.02
Area: 99406
Amount: 3.931914
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:03:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

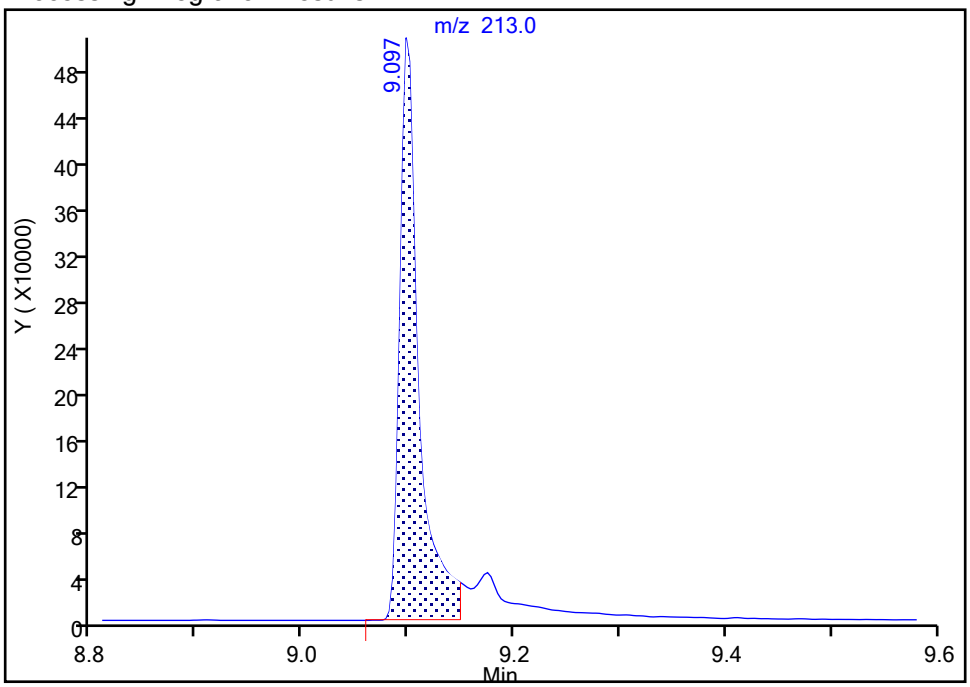
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

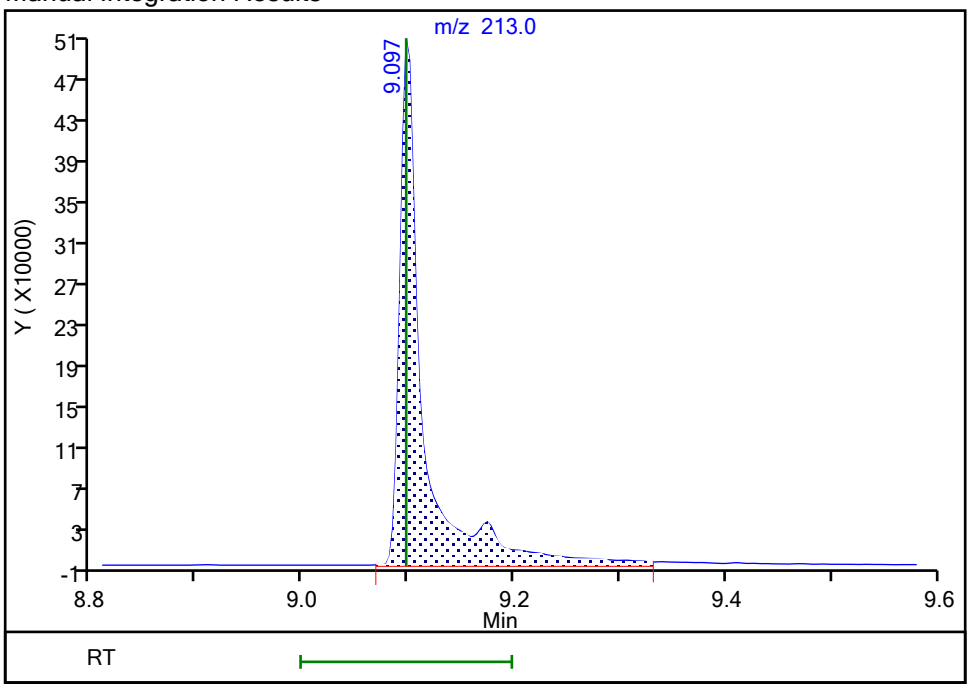
Processing Integration Results

RT: 9.10
Area: 637159
Amount: 9.241632
Amount Units: ug/ml




Manual Integration Results

RT: 9.10
Area: 780049
Amount: 10.365900
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:36:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Lims ID: STD24
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 29-Jan-2025 08:14:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-003
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:07 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 08:39:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.043 | 1.043 | 0.000 | 90 | 748880 | 24.0 | 25.2 | |
| 2 N-Nitrosodimethylamine | 74 | 1.218 | 1.209 | 0.009 | 98 | 1082291 | 24.0 | 24.3 | |
| 3 Pyridine | 79 | 1.225 | 1.222 | 0.003 | 97 | 3244803 | 48.0 | 50.3 | |
| $ 4 2-Fluorophenol | 112 | 2.122 | 2.115 | 0.007 | 96 | 2072943 | 24.0 | 25.7 | |
| 5 Benzaldehyde | 77 | 2.876 | 2.872 | 0.004 | 95 | 301433 | 6.40 | 4.86 | |
| $ 6 Phenol-d5 | 99 | 3.000 | 2.984 | 0.016 | 94 | 2545744 | 24.0 | 25.5 | |
| 8 Aniline | 93 | 2.994 | 2.987 | 0.007 | 97 | 2678784 | 24.0 | 24.7 | |
| 7 Phenol | 94 | 3.013 | 2.997 | 0.017 | 97 | 2472759 | 24.0 | 24.1 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.084 | 3.070 | 0.014 | 98 | 1750662 | 24.0 | 23.7 | |
| 10 Benzonitrile | 103 | 3.093 | 3.073 | 0.020 | 97 | 3737880 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.109 | 3.099 | 0.010 | 96 | 2129221 | 24.0 | 24.2 | |
| 12 n-Decane | 43 | 3.183 | 3.176 | 0.007 | 87 | 1456323 | 24.0 | 23.3 | |
| 13 1,3-Dichlorobenzene | 146 | 3.256 | 3.249 | 0.007 | 98 | 2400120 | 24.0 | 23.2 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.314 | 3.310 | 0.004 | 93 | 542042 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.333 | 3.329 | 0.004 | 96 | 2403609 | 24.0 | 23.5 | |
| 16 Benzyl alcohol | 108 | 3.493 | 3.479 | 0.014 | 96 | 1188803 | 24.0 | 24.3 | |
| 17 1,2-Dichlorobenzene | 146 | 3.483 | 3.479 | 0.004 | 98 | 2257625 | 24.0 | 23.2 | |
| 18 2-Methylphenol | 108 | 3.621 | 3.613 | 0.008 | 90 | 1622229 | 24.0 | 23.6 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.624 | 3.620 | 0.004 | 91 | 1681048 | 24.0 | 22.6 | |
| 20 N-Methylaniline | 106 | 3.742 | 3.735 | 0.007 | 97 | 2893084 | 24.0 | 25.6 | a |
| 21 Acetophenone | 105 | 3.755 | 3.741 | 0.014 | 94 | 2494694 | 24.0 | 23.2 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.774 | 3.757 | 0.017 | 80 | 1141321 | 24.0 | 24.1 | M |
| 24 4-Methylphenol | 108 | 3.797 | 3.780 | 0.017 | 97 | 1692080 | 24.0 | 23.5 | |
| 23 3 & 4 Methylphenol | 108 | 3.797 | 3.780 | 0.017 | 73 | 1692080 | 24.0 | 23.5 | |
| 25 Hexachloroethane | 117 | 3.816 | 3.811 | 0.005 | 93 | 817520 | 24.0 | 23.4 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.896 | 3.885 | 0.011 | 84 | 1948020 | 24.0 | 25.6 | |
| 28 Nitrobenzene | 123 | 3.915 | 3.904 | 0.011 | 98 | 906751 | 24.0 | 24.3 | |
| 29 n,n'-Dimethylaniline | 120 | 3.921 | 3.911 | 0.010 | 93 | 2836388 | 24.0 | 23.1 | |
| 30 Isophorone | 82 | 4.167 | 4.153 | 0.014 | 98 | 3017876 | 24.0 | 24.4 | |
| 32 2-Nitrophenol | 139 | 4.225 | 4.221 | 0.005 | 96 | 1079265 | 24.0 | 25.4 | |
| 33 2,4-Dimethylphenol | 122 | 4.311 | 4.304 | 0.007 | 92 | 1386651 | 24.0 | 24.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.404 | 4.396 | 0.008 | 96 | 1965118 | 24.0 | 23.8 | |
| 35 Benzoic acid | 122 | 4.507 | 4.451 | 0.056 | 94 | 1186434 | 24.0 | 24.5 | Ma |
| 36 2,4-Dichlorophenol | 162 | 4.475 | 4.463 | 0.012 | 97 | 1643658 | 24.0 | 24.7 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.542 | 4.537 | 0.005 | 94 | 1816726 | 24.0 | 23.9 | |
| * 38 Naphthalene-d8 | 136 | 4.587 | 4.582 | 0.005 | 99 | 1773646 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.609 | 4.601 | 0.008 | 99 | 5192114 | 24.0 | 22.6 | |
| 130 2,6-Dichlorophenol | 162 | 4.689 | 4.684 | 0.005 | 99 | 1537252 | 24.0 | 23.8 | |
| 40 4-Chloroaniline | 127 | 4.692 | 4.684 | 0.008 | 97 | 2037651 | 24.0 | 23.7 | |
| 41 Hexachlorobutadiene | 225 | 4.747 | 4.742 | 0.005 | 98 | 1092314 | 24.0 | 24.4 | |
| 42 Caprolactam | 55 | 5.152 | 5.023 | 0.129 | 95 | 179607 | 6.40 | 6.53 | M |
| 43 4-Chloro-3-methylphenol | 107 | 5.197 | 5.189 | 0.008 | 95 | 1435723 | 24.0 | 24.9 | |
| 44 2-Methylnaphthalene | 142 | 5.284 | 5.279 | 0.005 | 84 | 3538516 | 24.0 | 23.4 | |
| 45 1-Methylnaphthalene | 142 | 5.373 | 5.368 | 0.005 | 92 | 3202688 | 24.0 | 23.3 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.440 | 5.435 | 0.005 | 98 | 1135940 | 24.0 | 26.1 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.447 | 5.442 | 0.005 | 98 | 1772241 | 24.0 | 24.5 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.533 | 5.528 | 0.005 | 92 | 2173222 | 24.0 | 24.6 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.572 | 5.566 | 0.006 | 93 | 1136996 | 24.0 | 25.6 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.601 | 5.595 | 0.006 | 99 | 1203903 | 24.0 | 25.2 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.655 | 5.650 | 0.005 | 97 | 4080153 | 24.0 | 24.5 | |
| 52 1,1'-Biphenyl | 154 | 5.742 | 5.736 | 0.006 | 96 | 3800128 | 24.0 | 22.6 | |
| 53 2-Chloronaphthalene | 162 | 5.745 | 5.739 | 0.006 | 95 | 2962872 | 24.0 | 22.9 | |
| 54 Phenyl ether | 170 | 5.847 | 5.845 | 0.002 | 82 | 2276545 | 24.0 | 23.6 | |
| 55 2-Nitroaniline | 65 | 5.870 | 5.861 | 0.009 | 94 | 867745 | 24.0 | 25.2 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.959 | 5.954 | 0.005 | 91 | 2525202 | 24.0 | 23.7 | |
| 60 Coumarin | 146 | 6.055 | 6.043 | 0.012 | 81 | 1144707 | 24.0 | 23.9 | |
| 59 Dimethyl phthalate | 163 | 6.078 | 6.065 | 0.013 | 98 | 3319434 | 24.0 | 23.6 | |
| 61 2,6-Dinitrotoluene | 165 | 6.116 | 6.107 | 0.009 | 92 | 780169 | 24.0 | 25.6 | |
| 62 Acenaphthylene | 152 | 6.129 | 6.123 | 0.006 | 97 | 4573563 | 24.0 | 23.3 | |
| 63 3-Nitroaniline | 138 | 6.266 | 6.254 | 0.012 | 95 | 836357 | 24.0 | 24.9 | |
| * 64 Acenaphthene-d10 | 164 | 6.263 | 6.261 | 0.002 | 94 | 853931 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.299 | 6.293 | 0.005 | 95 | 2781981 | 24.0 | 23.4 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.340 | 6.334 | 0.006 | 96 | 2721664 | 24.0 | 27.3 | |
| 67 2,4-Dinitrophenol | 184 | 6.372 | 6.357 | 0.015 | 92 | 1105727 | 48.0 | 45.3 | |
| 68 4-Nitrophenol | 65 | 6.468 | 6.453 | 0.015 | 87 | 939616 | 48.0 | 52.7 | |
| 70 Dibenzofuran | 168 | 6.465 | 6.456 | 0.009 | 96 | 4125871 | 24.0 | 23.2 | |
| 69 2,4-Dinitrotoluene | 165 | 6.491 | 6.481 | 0.010 | 97 | 1031977 | 24.0 | 26.1 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.593 | 6.587 | 0.006 | 96 | 951868 | 24.0 | 24.9 | |
| 73 Diethyl phthalate | 149 | 6.747 | 6.740 | 0.007 | 99 | 3194381 | 24.0 | 23.0 | |
| 75 Fluorene | 166 | 6.785 | 6.776 | 0.009 | 94 | 3227062 | 24.0 | 23.1 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.808 | 6.801 | 0.007 | 92 | 1653343 | 24.0 | 24.1 | |
| 76 4-Nitroaniline | 138 | 6.853 | 6.830 | 0.023 | 85 | 748308 | 24.0 | 25.1 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.875 | 6.862 | 0.013 | 93 | 1302255 | 48.0 | 54.1 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.933 | 6.923 | 0.010 | 96 | 2369037 | 24.0 | 24.1 | |
| 131 Azobenzene | 77 | 6.958 | 6.949 | 0.009 | 0 | 2722775 | 24.0 | 24.8 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.958 | 6.949 | 0.009 | 92 | 2721181 | 24.0 | 25.5 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.013 | 7.006 | 0.007 | 88 | 925561 | 24.0 | 27.5 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.259 | 7.256 | 0.003 | 96 | 1082748 | 24.0 | 25.2 | |
| 82 Hexachlorobenzene | 284 | 7.295 | 7.288 | 0.007 | 94 | 1362805 | 24.0 | 25.3 | |
| 83 Atrazine | 200 | 7.461 | 7.451 | 0.010 | 95 | 269411 | 6.40 | 7.05 | |
| 84 Pentachlorophenol | 266 | 7.493 | 7.486 | 0.007 | 95 | 1714341 | 48.0 | 53.4 | |
| 85 Pentachloronitrobenzene | 237 | 7.506 | 7.499 | 0.007 | 92 | 464948 | 24.0 | 26.8 | |
| 86 n-Octadecane | 57 | 7.647 | 7.643 | 0.004 | 90 | 1548460 | 24.0 | 24.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.650 | 7.646 | 0.004 | 96 | 1434176 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.673 | 7.665 | 0.008 | 97 | 4404454 | 24.0 | 23.5 | |
| 89 Anthracene | 178 | 7.721 | 7.713 | 0.008 | 99 | 4543180 | 24.0 | 23.9 | |
| 90 Carbazole | 167 | 7.893 | 7.886 | 0.007 | 96 | 4004413 | 24.0 | 24.2 | |
| 91 Di-n-butyl phthalate | 149 | 8.280 | 8.276 | 0.004 | 99 | 4909259 | 24.0 | 25.6 | |
| 92 Fluoranthene | 202 | 8.780 | 8.774 | 0.006 | 98 | 4564758 | 24.0 | 24.6 | |
| 93 Benzidine | 184 | 8.946 | 8.941 | 0.005 | 99 | 1883009 | 24.0 | 25.5 | |
| 94 Pyrene | 202 | 8.981 | 8.976 | 0.005 | 97 | 4632613 | 24.0 | 24.3 | |
| 95 Bisphenol-A | 213 | 9.103 | 9.097 | 0.006 | 98 | 1890068 | 24.0 | 27.6 | M |
| $ 96 Terphenyl-d14 | 244 | 9.180 | 9.174 | 0.006 | 97 | 4144567 | 24.0 | 25.4 | |
| 97 Butyl benzyl phthalate | 149 | 9.683 | 9.677 | 0.006 | 95 | 1857719 | 24.0 | 26.5 | |
| 99 Carbamazepine | 193 | 9.741 | 9.731 | 0.010 | 92 | 1588214 | 24.0 | 25.7 | |
| 101 Benzo[a]anthracene | 228 | 10.115 | 10.112 | 0.003 | 99 | 4009638 | 24.0 | 24.1 | |
| * 102 Chrysene-d12 | 240 | 10.125 | 10.121 | 0.004 | 99 | 1010706 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.131 | 10.124 | 0.007 | 99 | 1544521 | 24.0 | 24.4 | |
| 104 Chrysene | 228 | 10.150 | 10.144 | 0.006 | 98 | 3724332 | 24.0 | 23.4 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.256 | 10.253 | 0.003 | 84 | 2549362 | 24.0 | 25.7 | |
| 105 Di-n-octyl phthalate | 149 | 10.925 | 10.921 | 0.004 | 96 | 4027673 | 24.0 | 28.3 | |
| 106 Benzo[b]fluoranthene | 252 | 11.194 | 11.186 | 0.008 | 98 | 3704220 | 24.0 | 26.3 | |
| 107 Benzo[k]fluoranthene | 252 | 11.229 | 11.218 | 0.011 | 99 | 3670911 | 24.0 | 25.2 | |
| 108 Benzo[a]pyrene | 252 | 11.536 | 11.528 | 0.008 | 97 | 3327560 | 24.0 | 27.3 | |
| * 109 Perylene-d12 | 264 | 11.597 | 11.592 | 0.005 | 100 | 996666 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.845 | 12.833 | 0.012 | 99 | 3623344 | 24.0 | 28.6 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.893 | 12.881 | 0.012 | 99 | 3469775 | 24.0 | 27.1 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.155 | 13.137 | 0.018 | 98 | 3336436 | 24.0 | 26.6 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 47.1 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL9_LVI_00007 Amount Added: 1.00 Units: mL

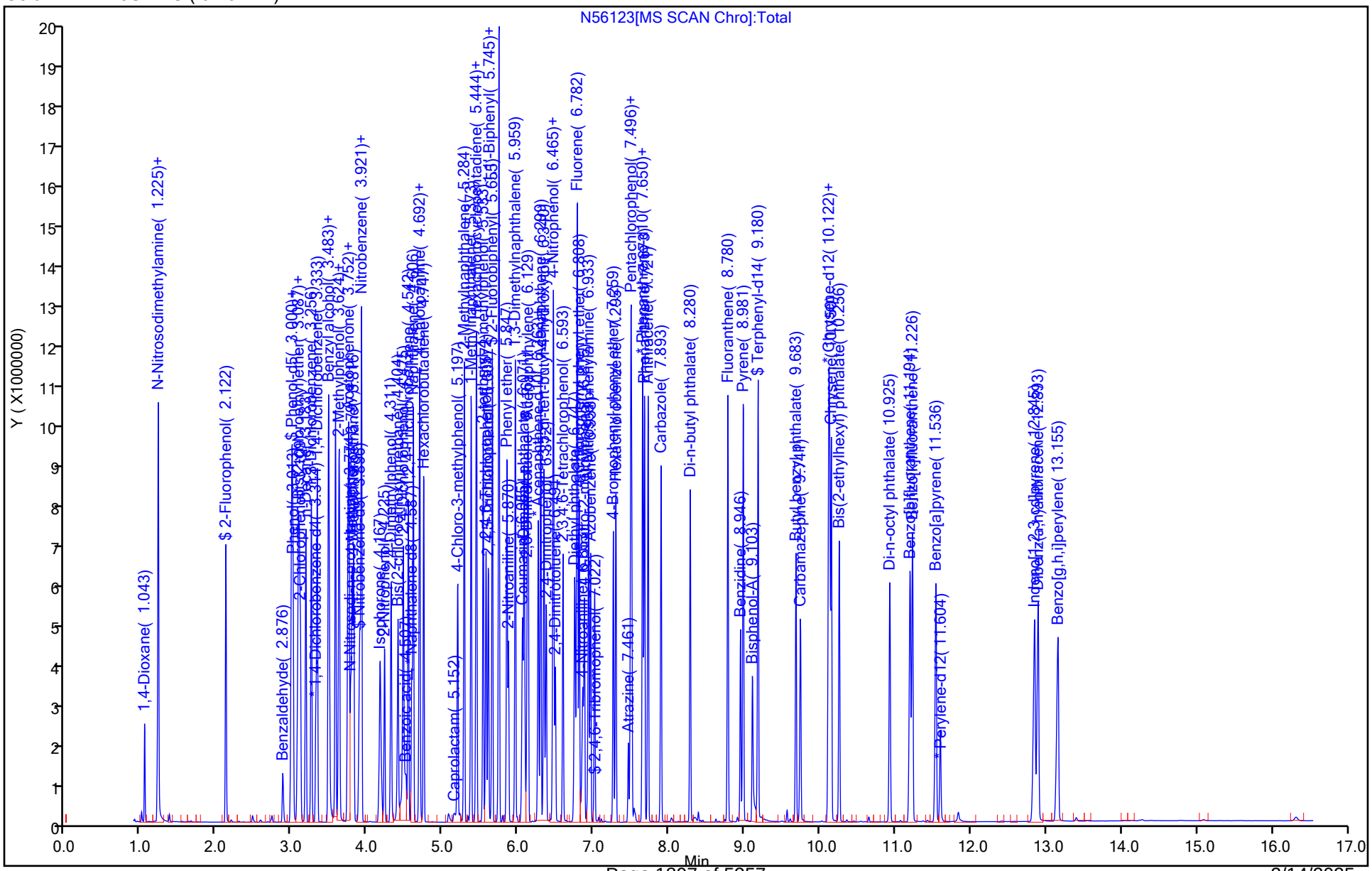
Report Date: 29-Jan-2025 14:02:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 29-Jan-2025 08:14:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | STD24 | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

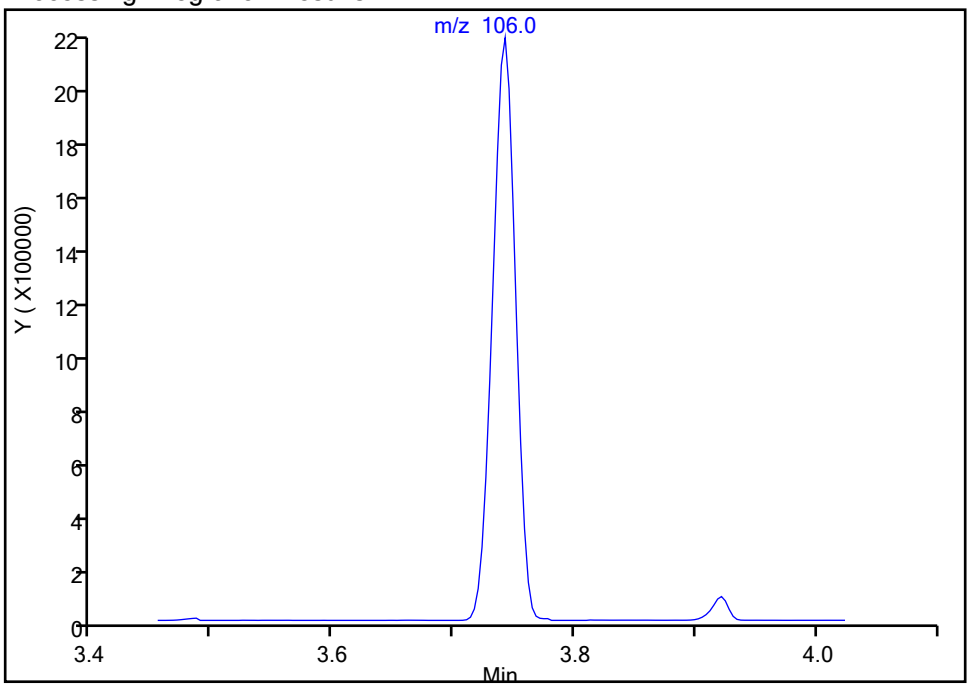
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Injection Date: 29-Jan-2025 08:14:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

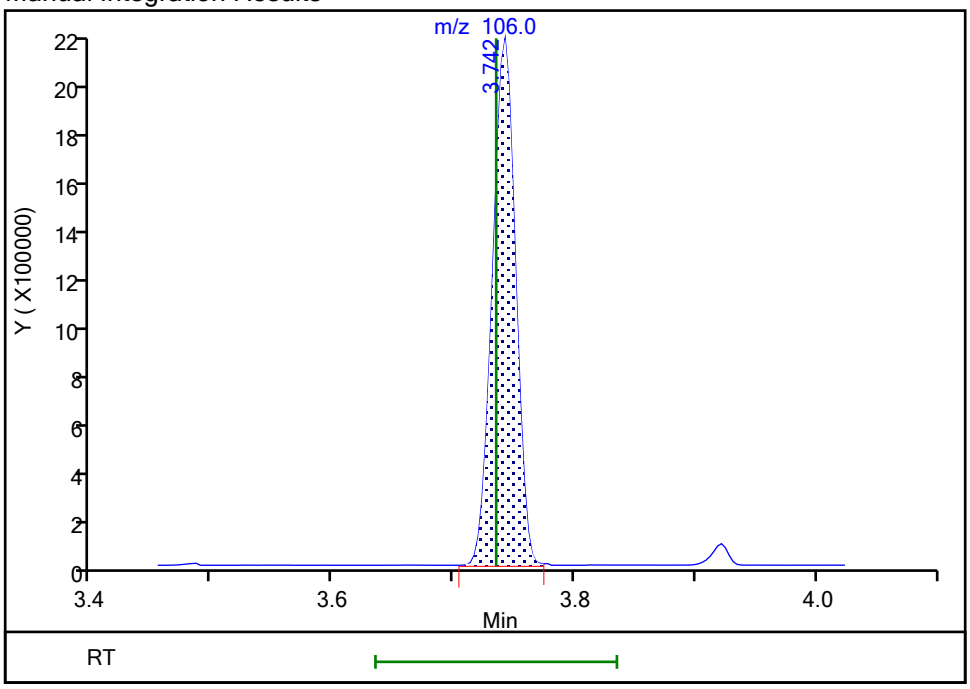
Not Detected
Expected RT: 3.73

Processing Integration Results




RT: 3.74
Area: 2893084
Amount: 25.596970
Amount Units: ug/ml

Manual Integration Results




Reviewer: G4KC, 29-Jan-2025 08:39:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

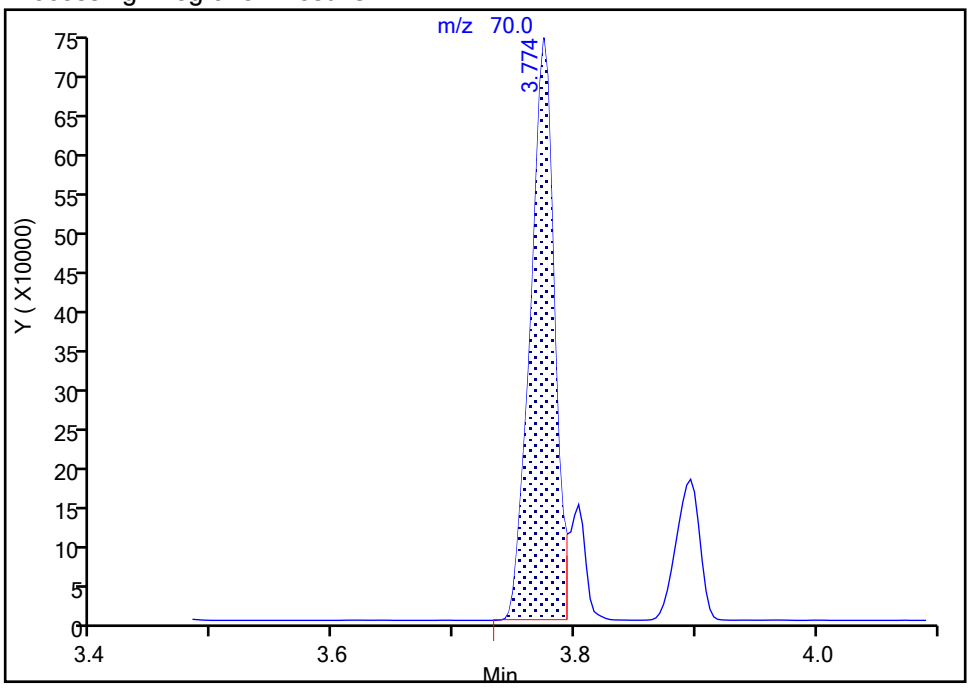
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Injection Date: 29-Jan-2025 08:14:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

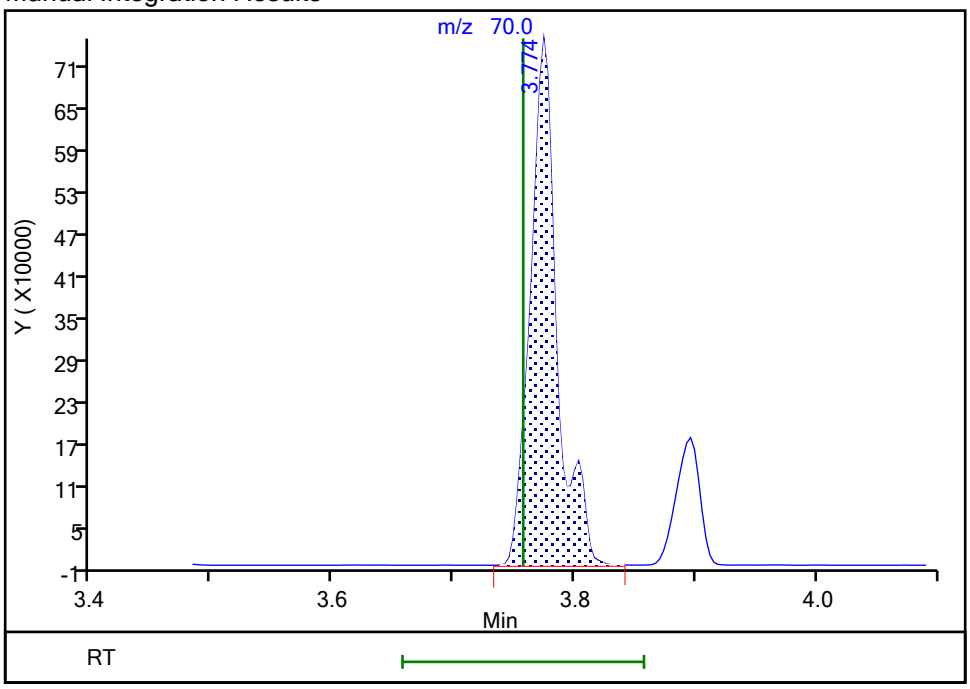
Processing Integration Results

RT: 3.77
Area: 1017011
Amount: 22.502909
Amount Units: ug/ml




Manual Integration Results

RT: 3.77
Area: 1141321
Amount: 24.061427
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:39:10 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

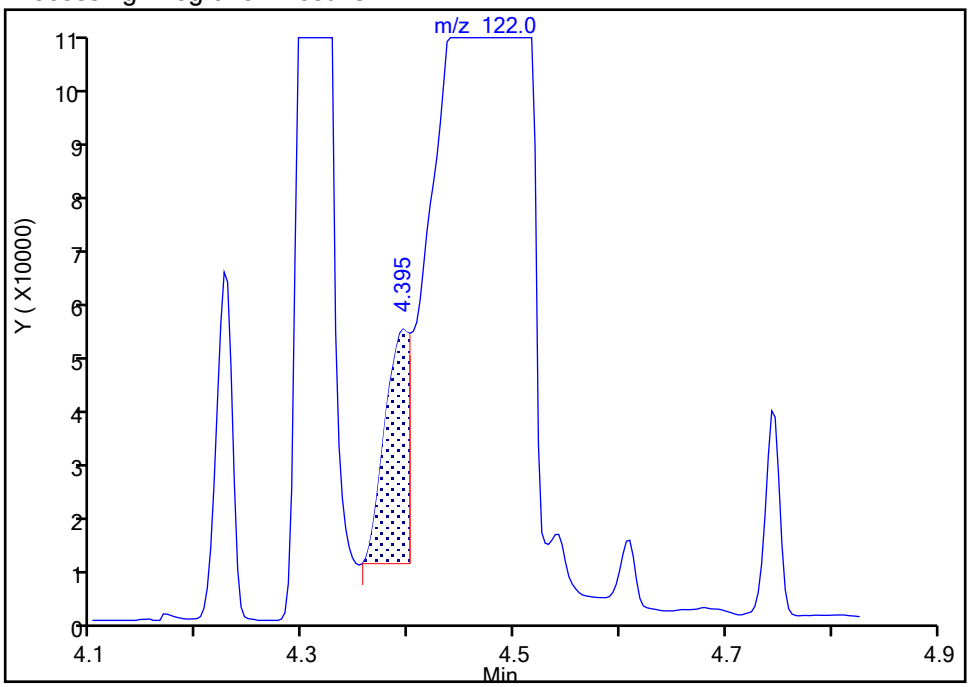
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Injection Date: 29-Jan-2025 08:14:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 35 Benzoic acid, CAS: 65-85-0

Signal: 1

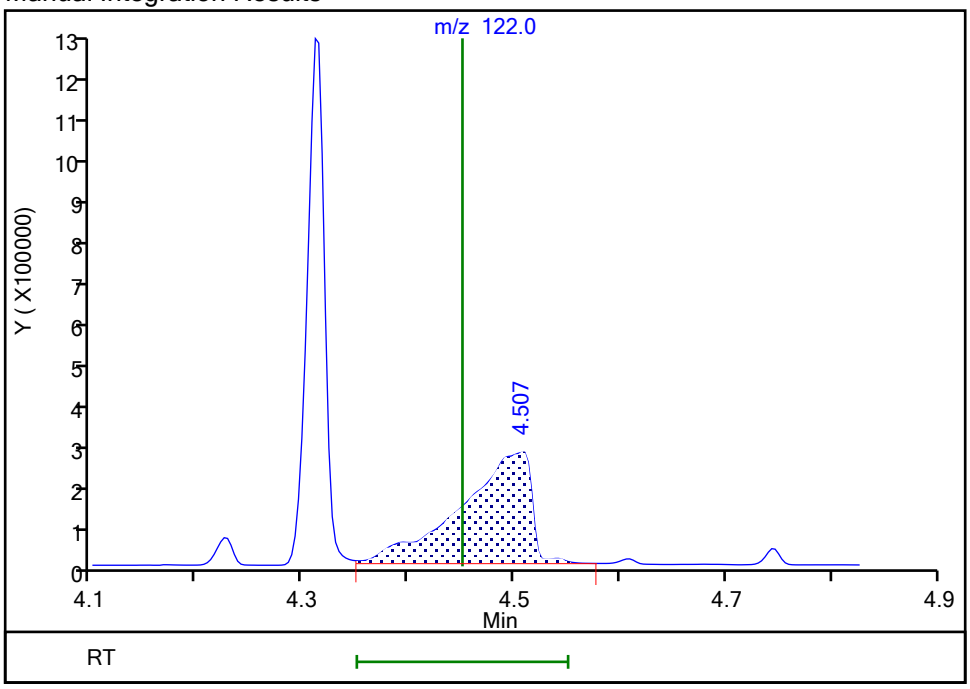
Processing Integration Results

RT: 4.39
Area: 69440
Amount: 2.918723
Amount Units: ug/ml




Manual Integration Results

RT: 4.51
Area: 1186434
Amount: 24.509555
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:38:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

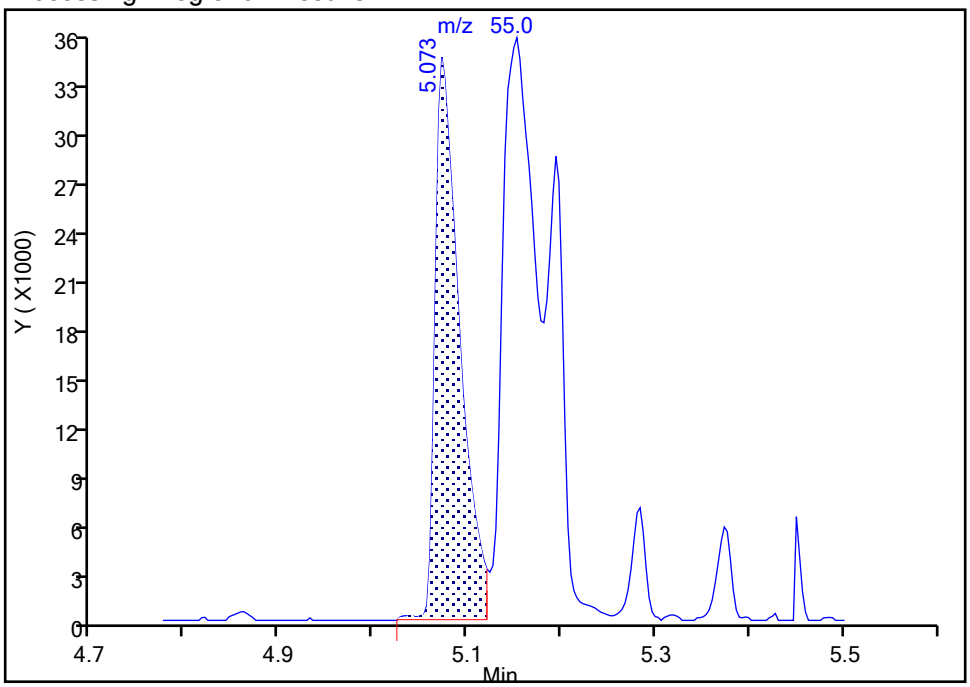
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Injection Date: 29-Jan-2025 08:14:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

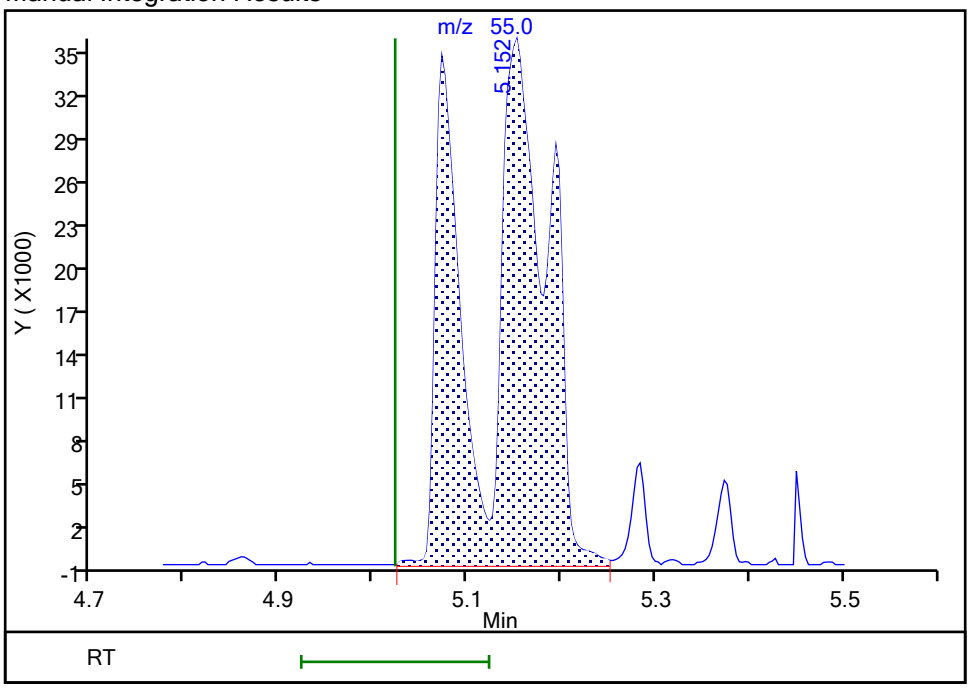
Processing Integration Results

RT: 5.07
Area: 62339
Amount: 3.801856
Amount Units: ug/ml




Manual Integration Results

RT: 5.15
Area: 179607
Amount: 6.525386
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 08:38:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

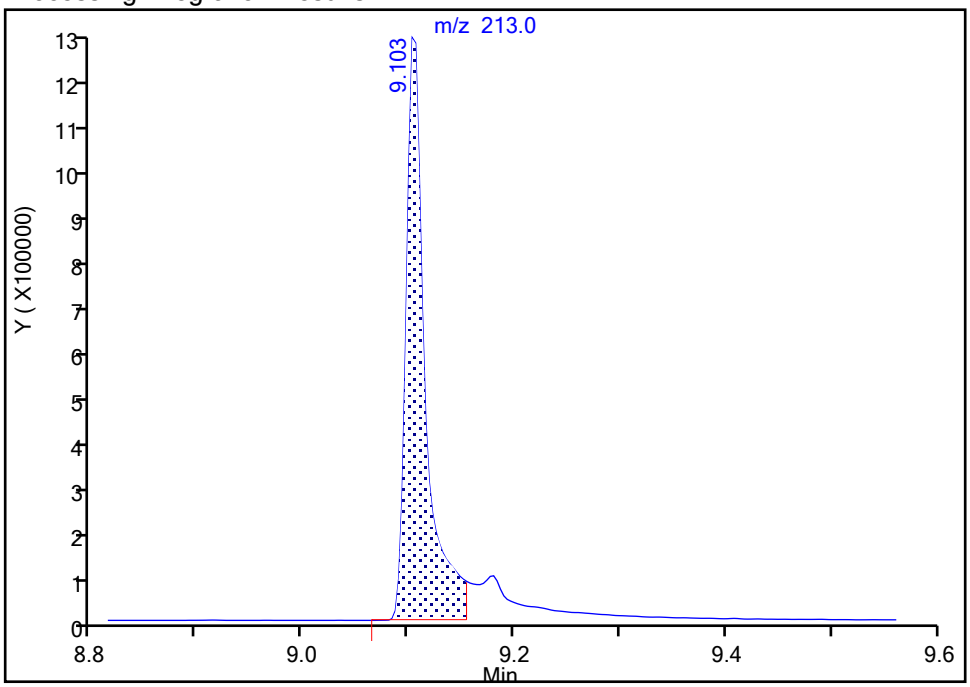
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56123.d
Injection Date: 29-Jan-2025 08:14:30 Instrument ID: CBNAMS14
Lims ID: STD24
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

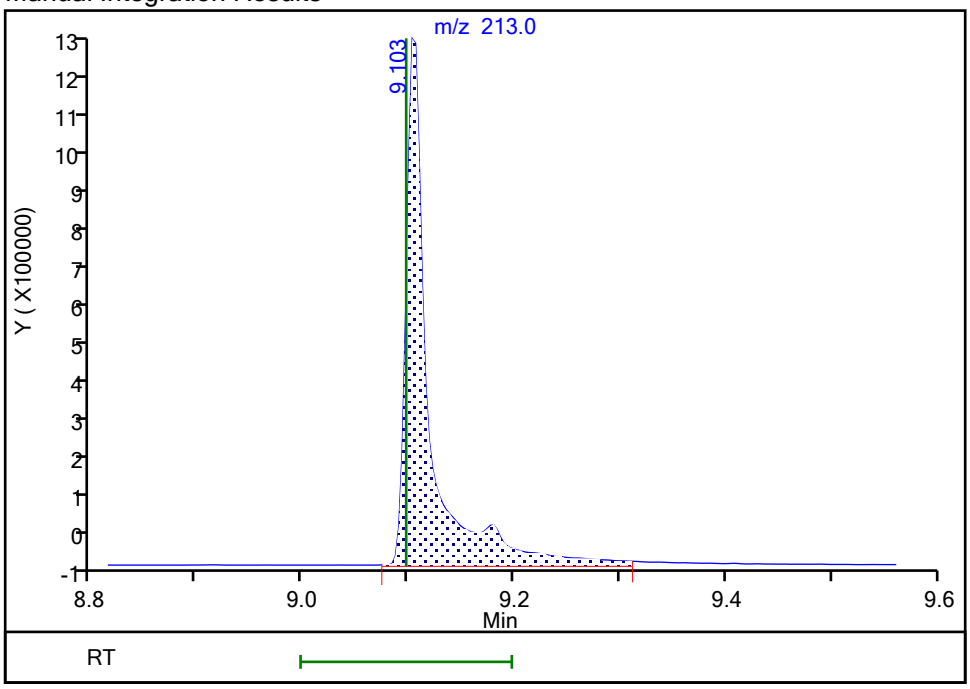
Processing Integration Results

RT: 9.10
Area: 1570771
Amount: 23.792540
Amount Units: ug/ml




Manual Integration Results

RT: 9.10
Area: 1890068
Amount: 27.588518
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:37:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56125.d
Lims ID: STD16
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 29-Jan-2025 08:56:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-004
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:12 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 09:20:43

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.033 | 1.043 | -0.010 | 90 | 488278 | 16.0 | 16.2 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.202 | 1.209 | -0.007 | 96 | 705382 | 16.0 | 15.6 | |
| | 3 Pyridine | 79 | 1.215 | 1.222 | -0.007 | 97 | 2153117 | 32.0 | 32.9 | |
| $ | 4 2-Fluorophenol | 112 | 2.115 | 2.115 | 0.000 | 96 | 1378865 | 16.0 | 16.9 | |
| | 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 95 | 239385 | 4.80 | 3.80 | |
| $ | 6 Phenol-d5 | 99 | 2.990 | 2.984 | 0.006 | 92 | 1713133 | 16.0 | 16.9 | |
| | 8 Aniline | 93 | 2.990 | 2.987 | 0.003 | 97 | 1769015 | 16.0 | 16.1 | |
| | 7 Phenol | 94 | 3.003 | 2.997 | 0.007 | 98 | 1616249 | 16.0 | 15.5 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.074 | 3.070 | 0.004 | 99 | 1156639 | 16.0 | 15.4 | |
| | 10 Benzonitrile | 103 | 3.083 | 3.073 | 0.010 | 96 | 2435354 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.102 | 3.099 | 0.003 | 98 | 1400235 | 16.0 | 15.7 | |
| | 12 n-Decane | 43 | 3.179 | 3.176 | 0.003 | 88 | 961097 | 16.0 | 15.2 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.253 | 3.249 | 0.004 | 98 | 1580029 | 16.0 | 15.1 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.313 | 3.310 | 0.003 | 93 | 549859 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.329 | 3.329 | 0.000 | 96 | 1584652 | 16.0 | 15.3 | |
| | 16 Benzyl alcohol | 108 | 3.486 | 3.479 | 0.007 | 96 | 784057 | 16.0 | 15.8 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.480 | 3.479 | 0.001 | 98 | 1481576 | 16.0 | 15.0 | |
| | 18 2-Methylphenol | 108 | 3.614 | 3.613 | 0.001 | 92 | 1069404 | 16.0 | 15.3 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.620 | 3.620 | 0.000 | 92 | 1137252 | 16.0 | 15.0 | |
| | 20 N-Methylaniline | 106 | 3.735 | 3.735 | 0.000 | 97 | 1894099 | 16.0 | 16.5 | a |
| | 21 Acetophenone | 105 | 3.748 | 3.741 | 0.007 | 94 | 1656208 | 16.0 | 15.2 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.764 | 3.757 | 0.007 | 81 | 760139 | 16.0 | 15.8 | |
| | 24 4-Methylphenol | 108 | 3.786 | 3.780 | 0.006 | 98 | 1130486 | 16.0 | 15.5 | |
| | 23 3 & 4 Methylphenol | 108 | 3.786 | 3.780 | 0.006 | 78 | 1130486 | 16.0 | 15.5 | |
| | 25 Hexachloroethane | 117 | 3.815 | 3.811 | 0.004 | 97 | 540723 | 16.0 | 15.2 | |
| $ | 27 Nitrobenzene-d5 | 82 | 3.889 | 3.885 | 0.004 | 84 | 1334027 | 16.0 | 17.3 | |
| | 28 Nitrobenzene | 123 | 3.908 | 3.904 | 0.004 | 98 | 605876 | 16.0 | 16.0 | |
| | 29 n,n'-Dimethylaniline | 120 | 3.914 | 3.911 | 0.003 | 94 | 1913707 | 16.0 | 15.3 | |
| | 30 Isophorone | 82 | 4.157 | 4.153 | 0.004 | 98 | 2012478 | 16.0 | 16.0 | |
| | 32 2-Nitrophenol | 139 | 4.221 | 4.221 | 0.001 | 96 | 693785 | 16.0 | 16.1 | |
| | 33 2,4-Dimethylphenol | 122 | 4.308 | 4.304 | 0.004 | 93 | 917363 | 16.0 | 16.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.400 | 4.396 | 0.004 | 96 | 1308985 | 16.0 | 15.6 | |
| 35 Benzoic acid | 122 | 4.477 | 4.451 | 0.026 | 86 | 781579 | 16.0 | 16.2 | |
| 36 2,4-Dichlorophenol | 162 | 4.467 | 4.463 | 0.004 | 97 | 1086921 | 16.0 | 16.1 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.538 | 4.537 | 0.001 | 95 | 1193082 | 16.0 | 15.5 | |
| * 38 Naphthalene-d8 | 136 | 4.583 | 4.582 | 0.001 | 99 | 1800308 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.605 | 4.601 | 0.004 | 99 | 3509278 | 16.0 | 15.1 | |
| 130 2,6-Dichlorophenol | 162 | 4.685 | 4.684 | 0.001 | 93 | 1025920 | 16.0 | 15.6 | |
| 40 4-Chloroaniline | 127 | 4.688 | 4.684 | 0.004 | 97 | 1389219 | 16.0 | 15.9 | |
| 41 Hexachlorobutadiene | 225 | 4.743 | 4.742 | 0.001 | 98 | 708840 | 16.0 | 15.6 | |
| 42 Caprolactam | 55 | 5.040 | 5.023 | 0.017 | 95 | 116052 | 4.80 | 4.65 | M |
| 43 4-Chloro-3-methylphenol | 107 | 5.190 | 5.189 | 0.001 | 94 | 942207 | 16.0 | 16.1 | |
| 44 2-Methylnaphthalene | 142 | 5.280 | 5.279 | 0.001 | 85 | 2380378 | 16.0 | 15.5 | |
| 45 1-Methylnaphthalene | 142 | 5.372 | 5.368 | 0.004 | 92 | 2163033 | 16.0 | 15.5 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.436 | 5.435 | 0.001 | 98 | 731786 | 16.0 | 16.3 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.443 | 5.442 | 0.001 | 98 | 1165316 | 16.0 | 15.6 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.529 | 5.528 | 0.001 | 92 | 1450215 | 16.0 | 16.2 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.568 | 5.566 | 0.002 | 93 | 761004 | 16.0 | 16.6 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.596 | 5.595 | 0.001 | 99 | 779501 | 16.0 | 15.8 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.651 | 5.650 | 0.001 | 97 | 2851335 | 16.0 | 16.6 | |
| 52 1,1'-Biphenyl | 154 | 5.737 | 5.736 | 0.001 | 95 | 2646677 | 16.0 | 15.2 | |
| 53 2-Chloronaphthalene | 162 | 5.741 | 5.739 | 0.002 | 96 | 2030039 | 16.0 | 15.2 | |
| 54 Phenyl ether | 170 | 5.846 | 5.845 | 0.001 | 82 | 1567703 | 16.0 | 15.7 | |
| 55 2-Nitroaniline | 65 | 5.865 | 5.861 | 0.004 | 91 | 578272 | 16.0 | 16.2 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.958 | 5.954 | 0.004 | 92 | 1710788 | 16.0 | 15.6 | |
| 60 Coumarin | 146 | 6.048 | 6.043 | 0.005 | 81 | 760761 | 16.0 | 15.6 | |
| 59 Dimethyl phthalate | 163 | 6.070 | 6.065 | 0.005 | 98 | 2239787 | 16.0 | 15.4 | |
| 61 2,6-Dinitrotoluene | 165 | 6.112 | 6.107 | 0.005 | 93 | 521421 | 16.0 | 16.5 | |
| 62 Acenaphthylene | 152 | 6.128 | 6.123 | 0.005 | 97 | 3120819 | 16.0 | 15.4 | |
| 63 3-Nitroaniline | 138 | 6.259 | 6.254 | 0.005 | 94 | 565149 | 16.0 | 16.3 | |
| * 64 Acenaphthene-d10 | 164 | 6.262 | 6.261 | 0.001 | 96 | 881832 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.294 | 6.293 | 0.001 | 95 | 1883343 | 16.0 | 15.3 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.336 | 6.334 | 0.002 | 96 | 1735422 | 16.0 | 16.8 | |
| 67 2,4-Dinitrophenol | 184 | 6.361 | 6.357 | 0.004 | 91 | 720523 | 32.0 | 31.2 | |
| 68 4-Nitrophenol | 65 | 6.461 | 6.453 | 0.008 | 85 | 617948 | 32.0 | 33.6 | |
| 70 Dibenzofuran | 168 | 6.461 | 6.456 | 0.005 | 89 | 2781747 | 16.0 | 15.1 | |
| 69 2,4-Dinitrotoluene | 165 | 6.486 | 6.481 | 0.005 | 97 | 683975 | 16.0 | 16.7 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.589 | 6.587 | 0.002 | 97 | 635998 | 16.0 | 16.1 | |
| 73 Diethyl phthalate | 149 | 6.742 | 6.740 | 0.002 | 99 | 2174460 | 16.0 | 15.1 | |
| 75 Fluorene | 166 | 6.781 | 6.776 | 0.005 | 94 | 2199534 | 16.0 | 15.2 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.806 | 6.801 | 0.005 | 92 | 1096487 | 16.0 | 15.5 | |
| 76 4-Nitroaniline | 138 | 6.838 | 6.830 | 0.008 | 82 | 503401 | 16.0 | 16.4 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.867 | 6.862 | 0.005 | 93 | 850399 | 32.0 | 33.8 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.925 | 6.923 | 0.002 | 96 | 1599557 | 16.0 | 15.6 | |
| 131 Azobenzene | 77 | 6.954 | 6.949 | 0.005 | 0 | 1803937 | 16.0 | 15.7 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.954 | 6.949 | 0.005 | 92 | 1803666 | 16.0 | 16.1 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.008 | 7.006 | 0.002 | 88 | 618088 | 16.0 | 17.8 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.258 | 7.256 | 0.002 | 97 | 706444 | 16.0 | 15.7 | |
| 82 Hexachlorobenzene | 284 | 7.290 | 7.288 | 0.002 | 94 | 889066 | 16.0 | 15.8 | |
| 83 Atrazine | 200 | 7.456 | 7.451 | 0.005 | 96 | 194705 | 4.80 | 4.90 | |
| 84 Pentachlorophenol | 266 | 7.488 | 7.486 | 0.002 | 95 | 1141994 | 32.0 | 34.0 | |
| 85 Pentachloronitrobenzene | 237 | 7.501 | 7.499 | 0.002 | 93 | 296069 | 16.0 | 16.3 | |
| 86 n-Octadecane | 57 | 7.645 | 7.643 | 0.002 | 82 | 1039630 | 16.0 | 15.9 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.645 | 7.646 | -0.001 | 98 | 1499032 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.668 | 7.665 | 0.003 | 97 | 2987684 | 16.0 | 15.3 | |
| 89 Anthracene | 178 | 7.716 | 7.713 | 0.003 | 99 | 3098983 | 16.0 | 15.6 | |
| 90 Carbazole | 167 | 7.888 | 7.886 | 0.002 | 96 | 2682290 | 16.0 | 15.5 | |
| 91 Di-n-butyl phthalate | 149 | 8.275 | 8.276 | -0.001 | 99 | 3237689 | 16.0 | 16.2 | |
| 92 Fluoranthene | 202 | 8.774 | 8.774 | 0.000 | 98 | 3057015 | 16.0 | 15.7 | |
| 93 Benzidine | 184 | 8.944 | 8.941 | 0.003 | 99 | 1416307 | 16.0 | 18.3 | |
| 94 Pyrene | 202 | 8.979 | 8.976 | 0.003 | 97 | 3145356 | 16.0 | 15.6 | |
| 95 Bisphenol-A | 213 | 9.101 | 9.097 | 0.004 | 98 | 1260560 | 16.0 | 17.4 | M |
| $ 96 Terphenyl-d14 | 244 | 9.175 | 9.174 | 0.000 | 97 | 2932769 | 16.0 | 17.0 | |
| 97 Butyl benzyl phthalate | 149 | 9.677 | 9.677 | 0.000 | 95 | 1220019 | 16.0 | 16.5 | |
| 99 Carbamazepine | 193 | 9.735 | 9.731 | 0.004 | 93 | 1068309 | 16.0 | 16.5 | |
| 101 Benzo[a]anthracene | 228 | 10.112 | 10.112 | 0.000 | 99 | 2726960 | 16.0 | 15.5 | |
| * 102 Chrysene-d12 | 240 | 10.122 | 10.121 | 0.001 | 99 | 1069060 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.125 | 10.124 | 0.001 | 99 | 1136448 | 16.0 | 17.0 | |
| 104 Chrysene | 228 | 10.148 | 10.144 | 0.004 | 98 | 2549032 | 16.0 | 15.2 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.253 | 10.253 | 0.000 | 84 | 1709180 | 16.0 | 16.3 | |
| 105 Di-n-octyl phthalate | 149 | 10.922 | 10.921 | 0.001 | 96 | 2692093 | 16.0 | 17.7 | |
| 106 Benzo[b]fluoranthene | 252 | 11.190 | 11.186 | 0.004 | 99 | 2462346 | 16.0 | 16.3 | |
| 107 Benzo[k]fluoranthene | 252 | 11.222 | 11.218 | 0.004 | 99 | 2580969 | 16.0 | 16.6 | |
| 108 Benzo[a]pyrene | 252 | 11.533 | 11.528 | 0.005 | 98 | 2258640 | 16.0 | 17.3 | |
| * 109 Perylene-d12 | 264 | 11.594 | 11.592 | 0.002 | 99 | 1067686 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.838 | 12.833 | 0.005 | 99 | 2429416 | 16.0 | 17.9 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.886 | 12.881 | 0.005 | 98 | 2351565 | 16.0 | 17.2 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.145 | 13.137 | 0.008 | 98 | 2255265 | 16.0 | 16.8 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 30.8 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL8_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:02:14 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56125.d

Injection Date: 29-Jan-2025 08:56:30 Instrument ID: CBNAMS14 Operator ID:

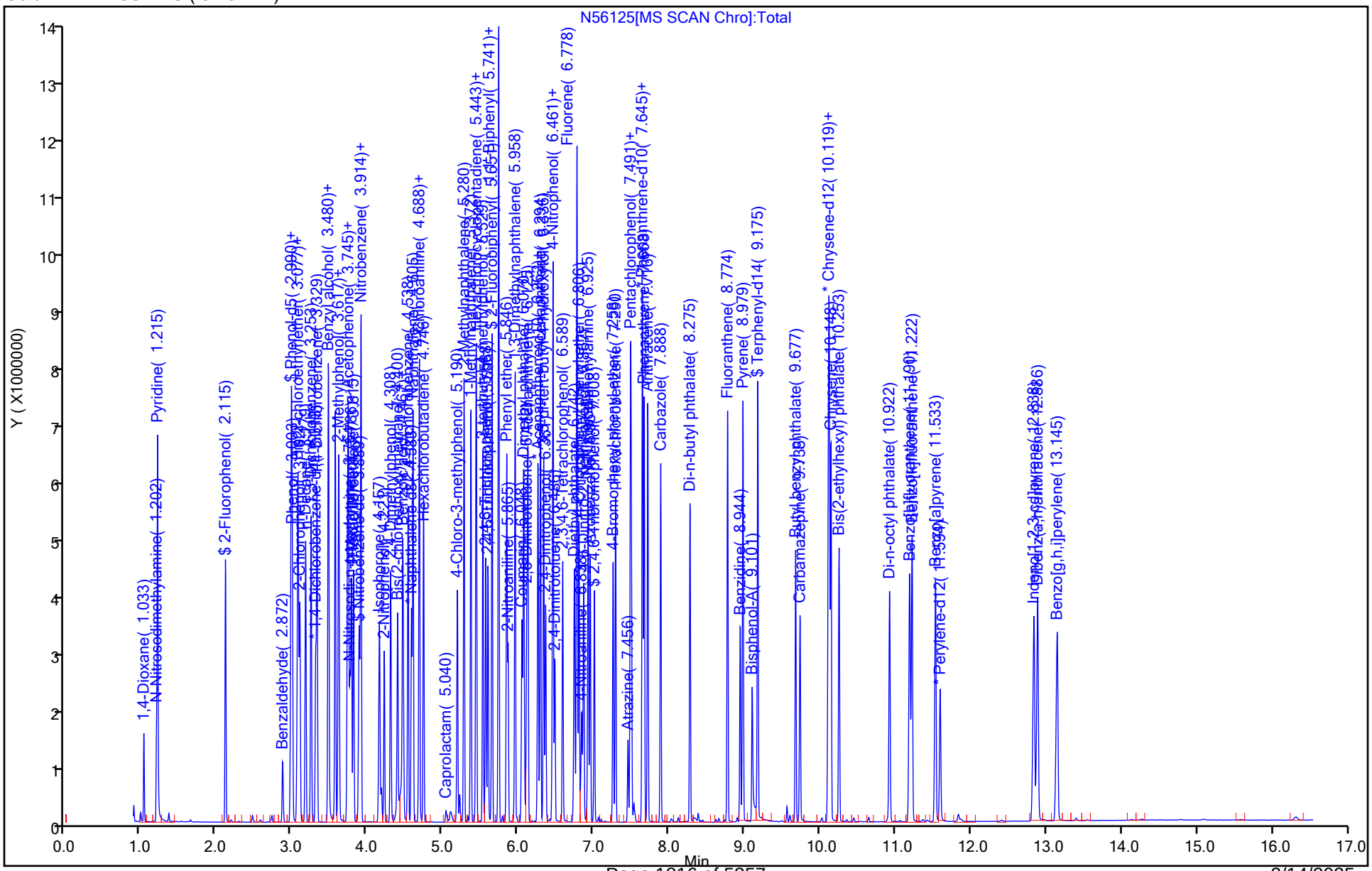
Lims ID: STD16 Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

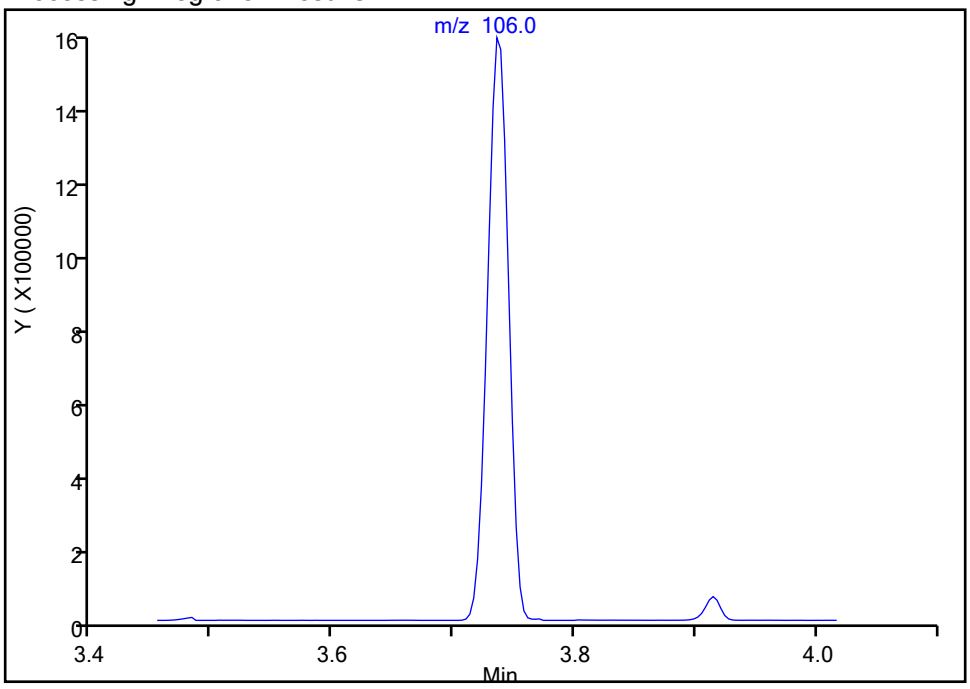
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56125.d
Injection Date: 29-Jan-2025 08:56:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

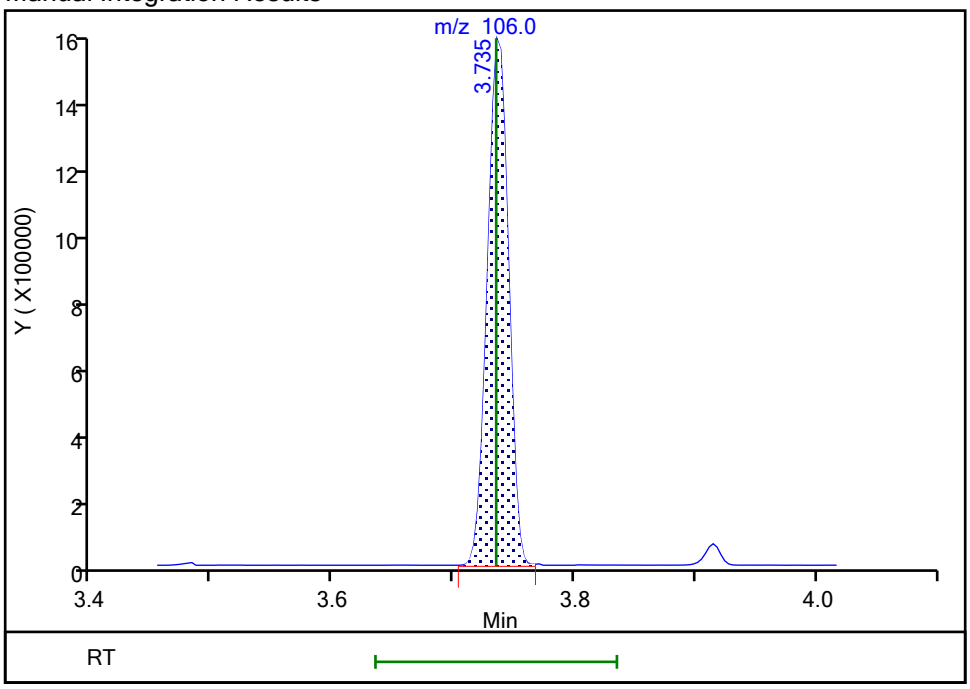
Not Detected
Expected RT: 3.73

Processing Integration Results




Manual Integration Results

RT: 3.74
Area: 1894099
Amount: 16.520066
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 09:19:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

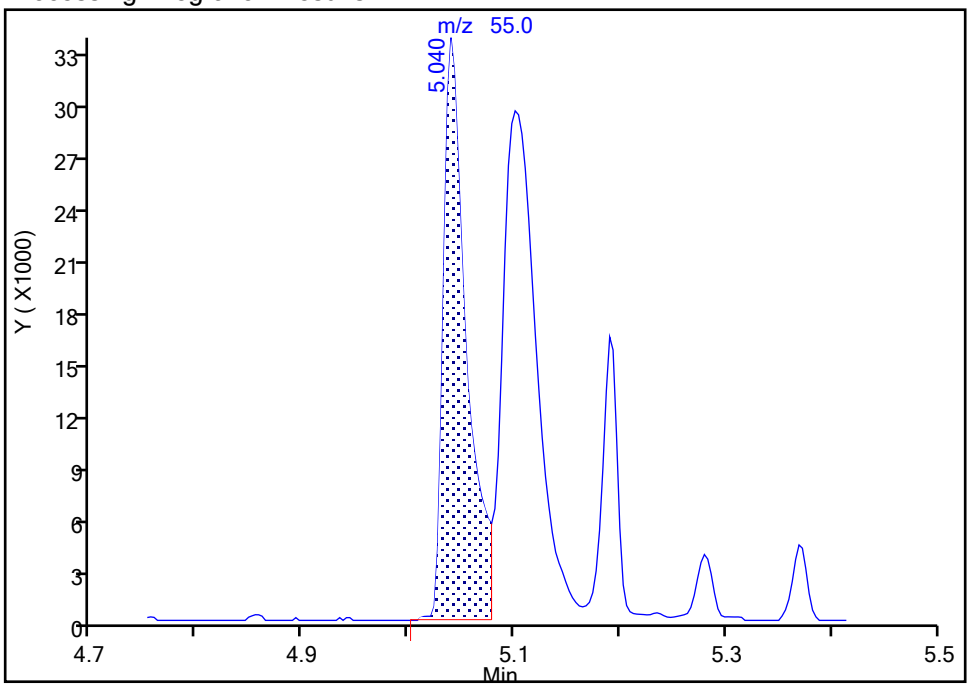
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56125.d
Injection Date: 29-Jan-2025 08:56:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

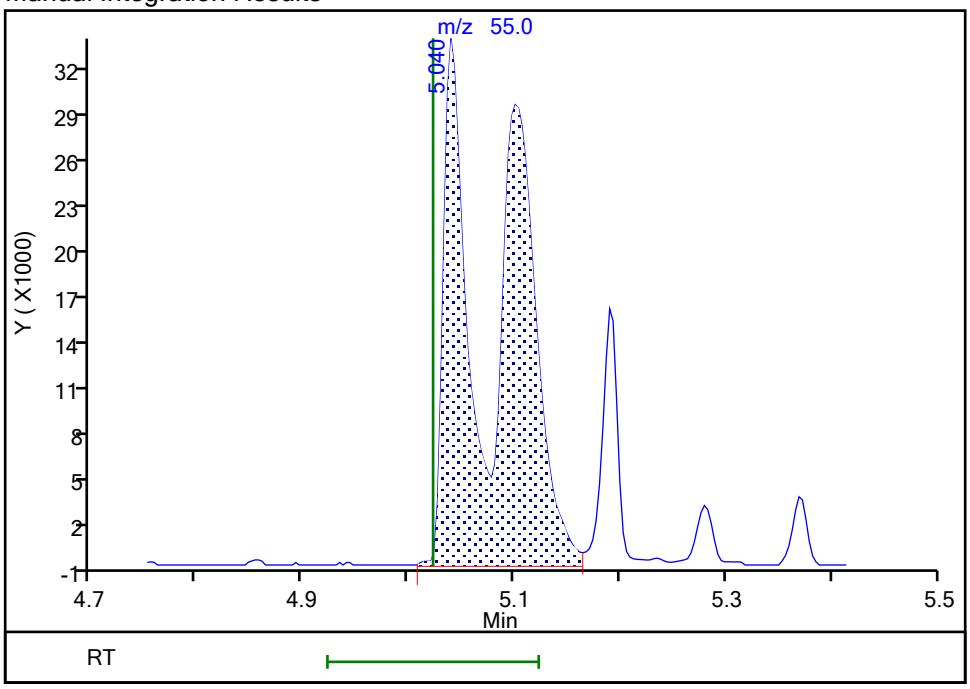
Processing Integration Results

RT: 5.04
Area: 51197
Amount: 2.455430
Amount Units: ug/ml




Manual Integration Results

RT: 5.04
Area: 116052
Amount: 4.650745
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 09:20:08 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

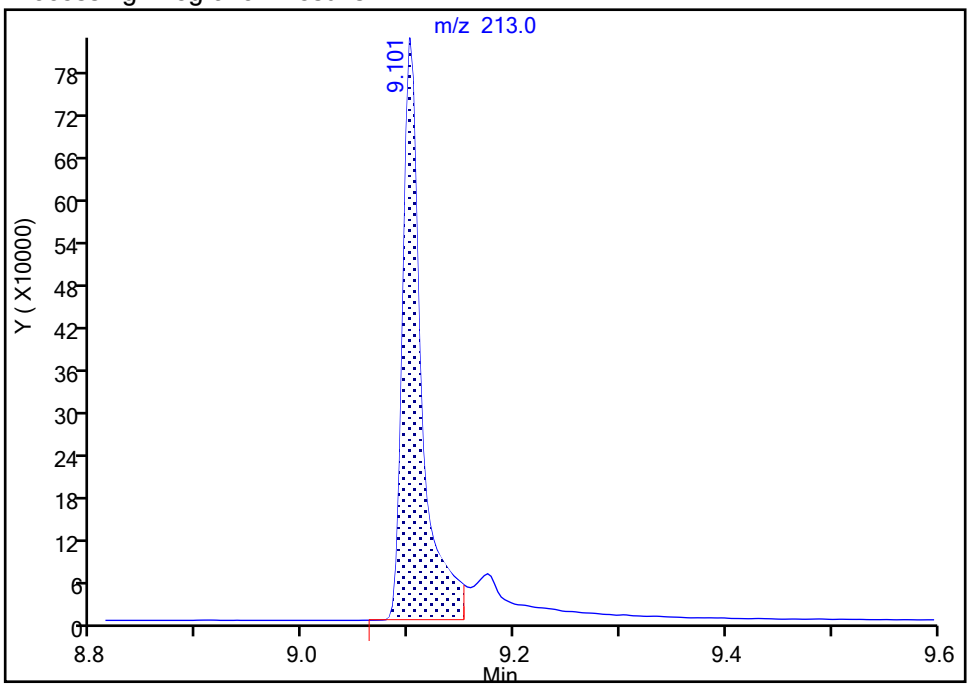
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56125.d
Injection Date: 29-Jan-2025 08:56:30 Instrument ID: CBNAMS14
Lims ID: STD16
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

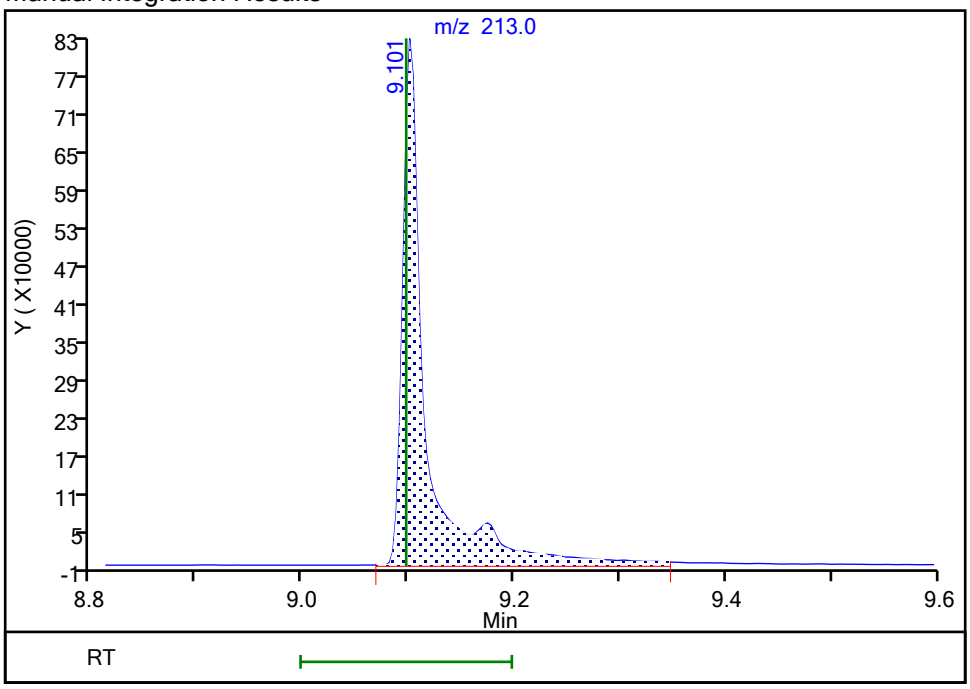
Processing Integration Results

RT: 9.10
Area: 1027848
Amount: 14.013076
Amount Units: ug/ml




Manual Integration Results

RT: 9.10
Area: 1260560
Amount: 17.395513
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:37:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56127.d
Lims ID: STD4
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 29-Jan-2025 09:39:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-005
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:17 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 10:05:34

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.036 | 1.036 | 0.000 | 91 | 126948 | 4.00 | 4.14 | |
| 2 N-Nitrosodimethylamine | 74 | 1.202 | 1.202 | 0.000 | 96 | 183755 | 4.00 | 4.02 | |
| 3 Pyridine | 79 | 1.218 | 1.218 | 0.000 | 97 | 553737 | 8.00 | 8.34 | |
| $ 4 2-Fluorophenol | 112 | 2.115 | 2.115 | 0.000 | 96 | 331184 | 4.00 | 3.99 | |
| 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 95 | 203110 | 3.20 | 3.18 | |
| $ 6 Phenol-d5 | 99 | 2.974 | 2.974 | 0.000 | 92 | 425189 | 4.00 | 4.14 | |
| 8 Aniline | 93 | 2.984 | 2.984 | 0.000 | 94 | 478459 | 4.00 | 4.28 | |
| 7 Phenol | 94 | 2.987 | 2.987 | 0.000 | 93 | 433507 | 4.00 | 4.11 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.064 | 3.064 | 0.000 | 70 | 307711 | 4.00 | 4.05 | |
| 10 Benzonitrile | 103 | 3.064 | 3.064 | 0.000 | 95 | 637428 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.092 | 3.092 | 0.000 | 98 | 368986 | 4.00 | 4.08 | |
| 12 n-Decane | 43 | 3.176 | 3.176 | 0.000 | 88 | 268446 | 4.00 | 4.17 | |
| 13 1,3-Dichlorobenzene | 146 | 3.246 | 3.246 | 0.000 | 98 | 431560 | 4.00 | 4.06 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.310 | 3.310 | 0.000 | 93 | 557590 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.326 | 3.326 | 0.000 | 96 | 430623 | 4.00 | 4.09 | |
| 16 Benzyl alcohol | 108 | 3.476 | 3.476 | 0.000 | 67 | 205206 | 4.00 | 4.08 | |
| 17 1,2-Dichlorobenzene | 146 | 3.476 | 3.476 | 0.000 | 97 | 405607 | 4.00 | 4.05 | |
| 18 2-Methylphenol | 108 | 3.607 | 3.607 | 0.000 | 90 | 293809 | 4.00 | 4.15 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.616 | 3.616 | 0.000 | 94 | 318263 | 4.00 | 4.15 | |
| 20 N-Methylaniline | 106 | 3.728 | 3.728 | 0.000 | 99 | 494841 | 4.00 | 4.26 | |
| 21 Acetophenone | 105 | 3.735 | 3.735 | 0.000 | 94 | 461349 | 4.00 | 4.18 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.751 | 3.751 | 0.000 | 78 | 207525 | 4.00 | 4.25 | |
| 24 4-Methylphenol | 108 | 3.773 | 3.773 | 0.000 | 98 | 310115 | 4.00 | 4.19 | |
| 23 3 & 4 Methylphenol | 108 | 3.773 | 3.773 | 0.000 | 67 | 310115 | 4.00 | 4.19 | |
| 25 Hexachloroethane | 117 | 3.811 | 3.811 | 0.000 | 93 | 145193 | 4.00 | 4.03 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.879 | 3.879 | 0.000 | 84 | 338450 | 4.00 | 4.16 | |
| 28 Nitrobenzene | 123 | 3.898 | 3.898 | 0.000 | 98 | 169348 | 4.00 | 4.42 | |
| 29 n,n'-Dimethylaniline | 120 | 3.907 | 3.907 | 0.000 | 93 | 524656 | 4.00 | 4.15 | |
| 30 Isophorone | 82 | 4.144 | 4.144 | 0.000 | 98 | 546684 | 4.00 | 4.13 | |
| 32 2-Nitrophenol | 139 | 4.217 | 4.217 | 0.000 | 96 | 181715 | 4.00 | 4.01 | |
| 33 2,4-Dimethylphenol | 122 | 4.300 | 4.300 | 0.000 | 92 | 239200 | 4.00 | 3.96 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.393 | 4.393 | 0.000 | 96 | 360806 | 4.00 | 4.09 | |
| 35 Benzoic acid | 122 | 4.406 | 4.406 | 0.000 | 85 | 149496 | 4.00 | 3.58 | |
| 36 2,4-Dichlorophenol | 162 | 4.460 | 4.460 | 0.000 | 97 | 288939 | 4.00 | 4.07 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.534 | 4.534 | 0.000 | 94 | 328031 | 4.00 | 4.04 | |
| * 38 Naphthalene-d8 | 136 | 4.578 | 4.578 | 0.000 | 98 | 1893347 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.601 | 4.601 | 0.000 | 99 | 1001320 | 4.00 | 4.08 | |
| 130 2,6-Dichlorophenol | 162 | 4.681 | 4.681 | 0.000 | 82 | 281084 | 4.00 | 4.07 | |
| 40 4-Chloroaniline | 127 | 4.681 | 4.681 | 0.000 | 94 | 394587 | 4.00 | 4.30 | |
| 41 Hexachlorobutadiene | 225 | 4.741 | 4.741 | 0.000 | 98 | 194041 | 4.00 | 4.07 | |
| 42 Caprolactam | 55 | 5.000 | 5.000 | 0.000 | 95 | 74603 | 3.20 | 3.15 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.185 | 5.185 | 0.000 | 94 | 247263 | 4.00 | 4.02 | |
| 44 2-Methylnaphthalene | 142 | 5.278 | 5.278 | 0.000 | 85 | 663356 | 4.00 | 4.10 | |
| 45 1-Methylnaphthalene | 142 | 5.368 | 5.368 | 0.000 | 92 | 599263 | 4.00 | 4.08 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.435 | 5.435 | 0.000 | 98 | 201108 | 4.00 | 4.20 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.441 | 5.441 | 0.000 | 99 | 325853 | 4.00 | 4.09 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.524 | 5.524 | 0.000 | 92 | 383709 | 4.00 | 4.07 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.563 | 5.563 | 0.000 | 93 | 204325 | 4.00 | 4.19 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.595 | 5.595 | 0.000 | 99 | 214480 | 4.00 | 4.08 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.646 | 5.646 | 0.000 | 97 | 748336 | 4.00 | 4.09 | |
| 52 1,1'-Biphenyl | 154 | 5.735 | 5.735 | 0.000 | 95 | 775263 | 4.00 | 4.19 | |
| 53 2-Chloronaphthalene | 162 | 5.735 | 5.735 | 0.000 | 85 | 593942 | 4.00 | 4.17 | |
| 54 Phenyl ether | 170 | 5.841 | 5.841 | 0.000 | 84 | 430523 | 4.00 | 4.06 | |
| 55 2-Nitroaniline | 65 | 5.857 | 5.857 | 0.000 | 94 | 155310 | 4.00 | 4.10 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.953 | 5.953 | 0.000 | 92 | 477131 | 4.00 | 4.07 | |
| 60 Coumarin | 146 | 6.039 | 6.039 | 0.000 | 81 | 211532 | 4.00 | 4.13 | |
| 59 Dimethyl phthalate | 163 | 6.058 | 6.058 | 0.000 | 99 | 632834 | 4.00 | 4.09 | |
| 61 2,6-Dinitrotoluene | 165 | 6.103 | 6.103 | 0.000 | 93 | 143528 | 4.00 | 4.28 | |
| 62 Acenaphthylene | 152 | 6.119 | 6.119 | 0.000 | 97 | 890074 | 4.00 | 4.13 | |
| 63 3-Nitroaniline | 138 | 6.250 | 6.250 | 0.000 | 95 | 151417 | 4.00 | 4.10 | |
| * 64 Acenaphthene-d10 | 164 | 6.260 | 6.260 | 0.000 | 95 | 938548 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.288 | 6.288 | 0.000 | 94 | 541722 | 4.00 | 4.15 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.330 | 6.330 | 0.000 | 96 | 403810 | 4.00 | 3.68 | |
| 67 2,4-Dinitrophenol | 184 | 6.352 | 6.352 | 0.000 | 91 | 166551 | 8.00 | 8.13 | |
| 68 4-Nitrophenol | 65 | 6.445 | 6.445 | 0.000 | 86 | 157352 | 8.00 | 8.03 | |
| 70 Dibenzofuran | 168 | 6.455 | 6.455 | 0.000 | 97 | 815998 | 4.00 | 4.17 | |
| 69 2,4-Dinitrotoluene | 165 | 6.474 | 6.474 | 0.000 | 97 | 186669 | 4.00 | 4.29 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.583 | 6.583 | 0.000 | 96 | 170170 | 4.00 | 4.04 | |
| 73 Diethyl phthalate | 149 | 6.733 | 6.733 | 0.000 | 99 | 580469 | 4.00 | 3.80 | |
| 75 Fluorene | 166 | 6.775 | 6.775 | 0.000 | 95 | 643798 | 4.00 | 4.19 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.800 | 6.800 | 0.000 | 92 | 306841 | 4.00 | 4.07 | |
| 76 4-Nitroaniline | 138 | 6.819 | 6.819 | 0.000 | 86 | 133309 | 4.00 | 4.07 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.855 | 6.855 | 0.000 | 93 | 219629 | 8.00 | 8.06 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.919 | 6.919 | 0.000 | 96 | 448079 | 4.00 | 4.03 | |
| 131 Azobenzene | 77 | 6.947 | 6.947 | 0.000 | 0 | 498462 | 4.00 | 4.01 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.947 | 6.947 | 0.000 | 92 | 498097 | 4.00 | 4.12 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.002 | 7.002 | 0.000 | 89 | 152661 | 4.00 | 4.12 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.254 | 7.254 | 0.000 | 97 | 191920 | 4.00 | 3.95 | |
| 82 Hexachlorobenzene | 284 | 7.286 | 7.286 | 0.000 | 94 | 244481 | 4.00 | 4.01 | |
| 83 Atrazine | 200 | 7.449 | 7.449 | 0.000 | 95 | 130973 | 3.20 | 3.07 | |
| 84 Pentachlorophenol | 266 | 7.484 | 7.484 | 0.000 | 95 | 292692 | 8.00 | 8.05 | |
| 85 Pentachloronitrobenzene | 237 | 7.494 | 7.494 | 0.000 | 92 | 77236 | 4.00 | 3.93 | |
| 86 n-Octadecane | 57 | 7.641 | 7.641 | 0.000 | 62 | 282890 | 4.00 | 4.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.644 | 7.644 | 0.000 | 98 | 1623688 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.664 | 7.664 | 0.000 | 97 | 858115 | 4.00 | 4.05 | |
| 89 Anthracene | 178 | 7.712 | 7.712 | 0.000 | 99 | 866245 | 4.00 | 4.03 | |
| 90 Carbazole | 167 | 7.884 | 7.884 | 0.000 | 96 | 761821 | 4.00 | 4.07 | |
| 91 Di-n-butyl phthalate | 149 | 8.274 | 8.274 | 0.000 | 99 | 867037 | 4.00 | 4.00 | |
| 92 Fluoranthene | 202 | 8.772 | 8.772 | 0.000 | 98 | 862256 | 4.00 | 4.10 | |
| 93 Benzidine | 184 | 8.938 | 8.938 | 0.000 | 99 | 372185 | 4.00 | 4.45 | |
| 94 Pyrene | 202 | 8.977 | 8.977 | 0.000 | 97 | 878783 | 4.00 | 4.13 | |
| 95 Bisphenol-A | 213 | 9.098 | 9.098 | 0.000 | 98 | 298101 | 4.00 | 3.90 | M |
| $ 96 Terphenyl-d14 | 244 | 9.172 | 9.172 | 0.000 | 97 | 746040 | 4.00 | 4.11 | |
| 97 Butyl benzyl phthalate | 149 | 9.674 | 9.674 | 0.000 | 95 | 316368 | 4.00 | 4.05 | |
| 99 Carbamazepine | 193 | 9.728 | 9.728 | 0.000 | 93 | 229301 | 4.00 | 3.73 | |
| 101 Benzo[a]anthracene | 228 | 10.112 | 10.112 | 0.000 | 99 | 746996 | 4.00 | 4.03 | |
| * 102 Chrysene-d12 | 240 | 10.118 | 10.118 | 0.000 | 99 | 1126257 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.124 | 10.124 | 0.000 | 99 | 279152 | 4.00 | 4.03 | |
| 104 Chrysene | 228 | 10.140 | 10.140 | 0.000 | 98 | 728078 | 4.00 | 4.11 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.252 | 10.252 | 0.000 | 84 | 428639 | 4.00 | 3.96 | |
| 105 Di-n-octyl phthalate | 149 | 10.920 | 10.920 | 0.000 | 96 | 632530 | 4.00 | 3.98 | |
| 106 Benzo[b]fluoranthene | 252 | 11.182 | 11.182 | 0.000 | 98 | 674658 | 4.00 | 4.29 | |
| 107 Benzo[k]fluoranthene | 252 | 11.211 | 11.211 | 0.000 | 99 | 695209 | 4.00 | 4.28 | |
| 108 Benzo[a]pyrene | 252 | 11.524 | 11.524 | 0.000 | 97 | 595625 | 4.00 | 4.36 | |
| * 109 Perylene-d12 | 264 | 11.592 | 11.592 | 0.000 | 99 | 1114164 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.828 | 12.828 | 0.000 | 99 | 615685 | 4.00 | 4.34 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.873 | 12.873 | 0.000 | 98 | 611261 | 4.00 | 4.28 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.132 | 13.132 | 0.000 | 98 | 600622 | 4.00 | 4.29 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 8.34 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

M - Manually Integrated

## Reagents:

SV_BNAL6_LVI_00009 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:02:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56127.d

Injection Date: 29-Jan-2025 09:39:30 Instrument ID: CBNAMS14 Operator ID:

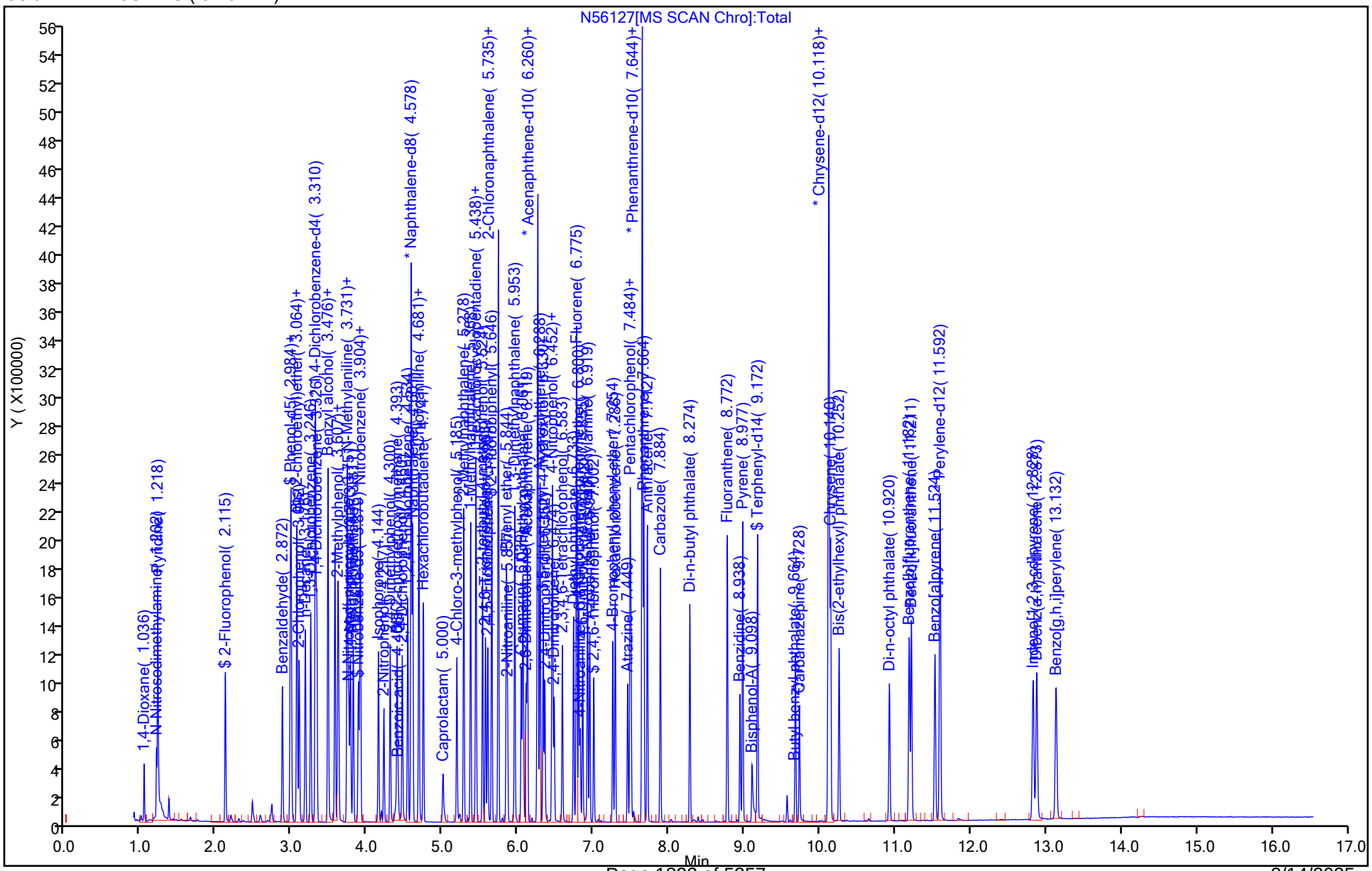
Lims ID: STD4 Worklist Smp#: 5

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

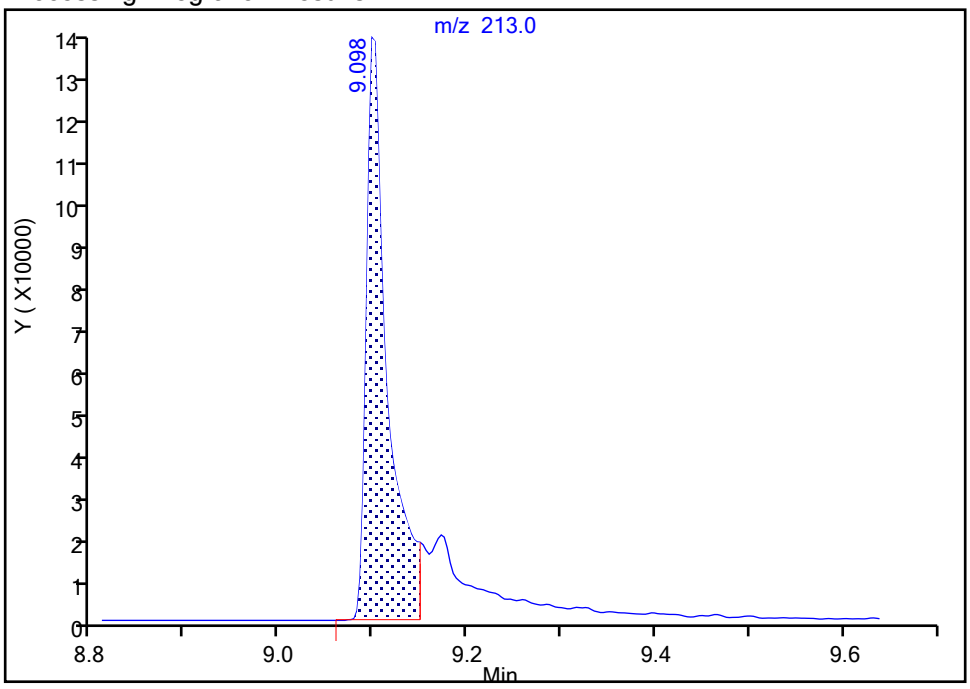
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56127.d
Injection Date: 29-Jan-2025 09:39:30 Instrument ID: CBNAMS14
Lims ID: STD4
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 95 Bisphenol-A, CAS: 80-05-7

Signal: 1

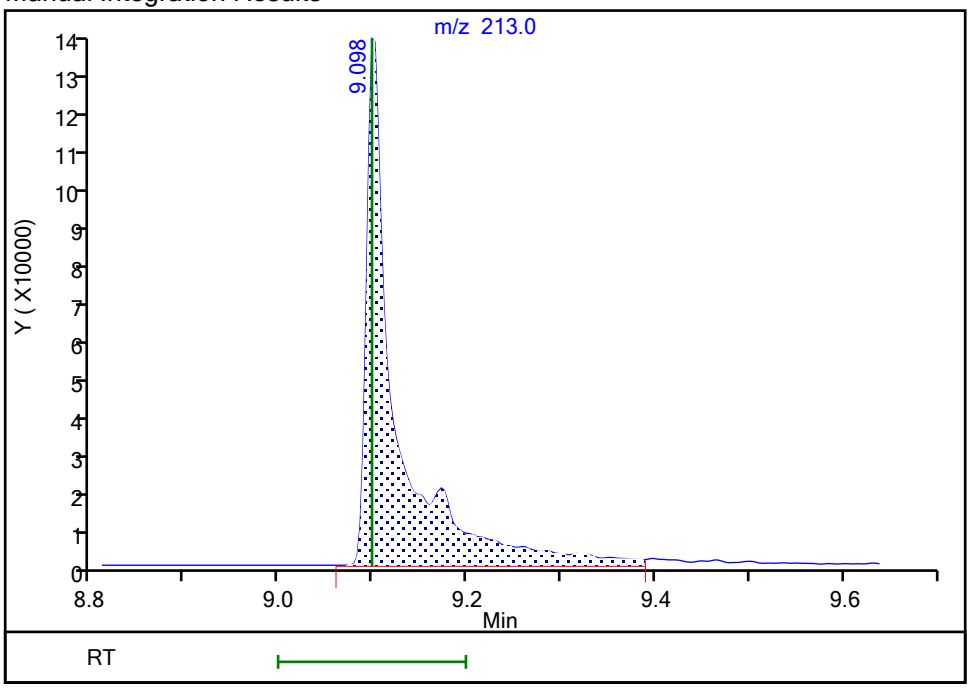
Processing Integration Results

RT: 9.10
Area: 212667
Amount: 3.291873
Amount Units: ug/ml




Manual Integration Results

RT: 9.10
Area: 298101
Amount: 3.904826
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:03:29 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56129.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 29-Jan-2025 10:21:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-006
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:24 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 10:46:49

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.043 | 1.036 | 0.007 | 89 | 68294 | 2.00 | 2.02 | |
| 2 N-Nitrosodimethylamine | 74 | 1.206 | 1.202 | 0.004 | 97 | 102108 | 2.00 | 2.02 | |
| 3 Pyridine | 79 | 1.225 | 1.218 | 0.007 | 97 | 305293 | 4.00 | 4.17 | |
| $ 4 2-Fluorophenol | 112 | 2.115 | 2.115 | 0.000 | 97 | 178467 | 2.00 | 1.95 | |
| 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 95 | 142779 | 2.00 | 2.03 | |
| $ 6 Phenol-d5 | 99 | 2.974 | 2.974 | 0.000 | 92 | 232207 | 2.00 | 2.05 | |
| 8 Aniline | 93 | 2.984 | 2.984 | 0.000 | 96 | 261606 | 2.00 | 2.12 | |
| 7 Phenol | 94 | 2.987 | 2.987 | 0.000 | 94 | 232903 | 2.00 | 2.00 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.064 | 3.064 | 0.000 | 99 | 169517 | 2.00 | 2.02 | |
| 10 Benzonitrile | 103 | 3.060 | 3.064 | -0.004 | 96 | 359458 | NC | NC | |
| 11 2-Chlorophenol | 128 | 3.092 | 3.092 | 0.000 | 98 | 198085 | 2.00 | 1.98 | |
| 12 n-Decane | 43 | 3.175 | 3.176 | -0.001 | 88 | 143827 | 2.00 | 2.03 | |
| 13 1,3-Dichlorobenzene | 146 | 3.246 | 3.246 | 0.000 | 98 | 236134 | 2.00 | 2.01 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.310 | 3.310 | 0.000 | 93 | 614956 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.326 | 3.326 | 0.000 | 95 | 233050 | 2.00 | 2.01 | |
| 16 Benzyl alcohol | 108 | 3.472 | 3.476 | -0.004 | 97 | 112182 | 2.00 | 2.02 | |
| 17 1,2-Dichlorobenzene | 146 | 3.476 | 3.476 | 0.000 | 98 | 222644 | 2.00 | 2.02 | |
| 18 2-Methylphenol | 108 | 3.607 | 3.607 | 0.000 | 90 | 157643 | 2.00 | 2.02 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.616 | 3.616 | 0.000 | 93 | 176713 | 2.00 | 2.09 | |
| 20 N-Methylaniline | 106 | 3.728 | 3.728 | 0.000 | 95 | 268756 | 2.00 | 2.10 | |
| 21 Acetophenone | 105 | 3.734 | 3.735 | -0.001 | 94 | 248374 | 2.00 | 2.04 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.747 | 3.751 | -0.004 | 78 | 110866 | 2.00 | 2.06 | |
| 24 4-Methylphenol | 108 | 3.770 | 3.773 | -0.003 | 98 | 164975 | 2.00 | 2.02 | |
| 23 3 & 4 Methylphenol | 108 | 3.770 | 3.773 | -0.003 | 67 | 164975 | 2.00 | 2.02 | |
| 25 Hexachloroethane | 117 | 3.811 | 3.811 | 0.000 | 95 | 79924 | 2.00 | 2.01 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.878 | 3.879 | 0.000 | 83 | 182651 | 2.00 | 2.04 | |
| 28 Nitrobenzene | 123 | 3.897 | 3.898 | -0.001 | 99 | 94041 | 2.00 | 2.22 | |
| 29 n,n'-Dimethylaniline | 120 | 3.904 | 3.907 | -0.003 | 97 | 292648 | 2.00 | 2.10 | |
| 30 Isophorone | 82 | 4.143 | 4.144 | -0.001 | 98 | 295208 | 2.00 | 2.03 | |
| 32 2-Nitrophenol | 139 | 4.217 | 4.217 | 0.000 | 96 | 98095 | 2.00 | 1.97 | |
| 33 2,4-Dimethylphenol | 122 | 4.300 | 4.300 | 0.000 | 93 | 130303 | 2.00 | 1.96 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.392 | 4.393 | -0.001 | 97 | 196722 | 2.00 | 2.03 | |
| 35 Benzoic acid | 122 | 4.383 | 4.406 | -0.023 | 86 | 60406 | 2.00 | 1.81 | |
| 36 2,4-Dichlorophenol | 162 | 4.460 | 4.460 | 0.000 | 97 | 154229 | 2.00 | 1.98 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.533 | 4.534 | -0.001 | 94 | 179302 | 2.00 | 2.01 | |
| * 38 Naphthalene-d8 | 136 | 4.578 | 4.578 | 0.000 | 98 | 2081096 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.597 | 4.601 | -0.004 | 99 | 542492 | 2.00 | 2.01 | |
| 130 2,6-Dichlorophenol | 162 | 4.680 | 4.681 | -0.001 | 82 | 152225 | 2.00 | 2.01 | |
| 40 4-Chloroaniline | 127 | 4.680 | 4.681 | -0.001 | 94 | 213662 | 2.00 | 2.12 | |
| 41 Hexachlorobutadiene | 225 | 4.741 | 4.741 | 0.000 | 98 | 105586 | 2.00 | 2.01 | |
| 42 Caprolactam | 55 | 4.990 | 5.000 | -0.010 | 94 | 50019 | 2.00 | 2.08 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.182 | 5.185 | -0.003 | 94 | 130548 | 2.00 | 1.93 | |
| 44 2-Methylnaphthalene | 142 | 5.274 | 5.278 | -0.004 | 85 | 362561 | 2.00 | 2.04 | |
| 45 1-Methylnaphthalene | 142 | 5.367 | 5.368 | -0.001 | 93 | 329696 | 2.00 | 2.04 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.434 | 5.435 | -0.001 | 97 | 106896 | 2.00 | 1.98 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.440 | 5.441 | -0.001 | 98 | 176941 | 2.00 | 1.98 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.524 | 5.524 | 0.000 | 92 | 209976 | 2.00 | 2.03 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.562 | 5.563 | -0.001 | 92 | 107660 | 2.00 | 1.96 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.594 | 5.595 | -0.001 | 99 | 114106 | 2.00 | 1.93 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.645 | 5.646 | -0.001 | 97 | 414979 | 2.00 | 2.02 | |
| 52 1,1'-Biphenyl | 154 | 5.735 | 5.735 | 0.000 | 95 | 426034 | 2.00 | 2.05 | |
| 53 2-Chloronaphthalene | 162 | 5.735 | 5.735 | 0.000 | 87 | 326378 | 2.00 | 2.04 | |
| 54 Phenyl ether | 170 | 5.843 | 5.841 | 0.002 | 84 | 237651 | 2.00 | 1.99 | |
| 55 2-Nitroaniline | 65 | 5.853 | 5.857 | -0.004 | 93 | 81575 | 2.00 | 1.91 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.952 | 5.953 | -0.001 | 91 | 267568 | 2.00 | 2.03 | |
| 60 Coumarin | 146 | 6.038 | 6.039 | -0.001 | 81 | 115374 | 2.00 | 2.05 | |
| 59 Dimethyl phthalate | 163 | 6.057 | 6.058 | -0.001 | 98 | 354294 | 2.00 | 2.03 | |
| 61 2,6-Dinitrotoluene | 165 | 6.102 | 6.103 | -0.001 | 94 | 77301 | 2.00 | 2.05 | |
| 62 Acenaphthylene | 152 | 6.118 | 6.119 | -0.001 | 98 | 494144 | 2.00 | 2.04 | |
| 63 3-Nitroaniline | 138 | 6.246 | 6.250 | -0.004 | 95 | 80094 | 2.00 | 1.93 | a |
| * 64 Acenaphthene-d10 | 164 | 6.259 | 6.260 | -0.001 | 95 | 1055779 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.288 | 6.288 | 0.000 | 95 | 297426 | 2.00 | 2.02 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.329 | 6.330 | -0.001 | 96 | 185283 | 2.00 | 1.50 | |
| 67 2,4-Dinitrophenol | 184 | 6.348 | 6.352 | -0.004 | 91 | 78320 | 4.00 | 3.66 | |
| 68 4-Nitrophenol | 65 | 6.441 | 6.445 | -0.004 | 86 | 82134 | 4.00 | 3.72 | a |
| 70 Dibenzofuran | 168 | 6.454 | 6.455 | -0.001 | 97 | 450630 | 2.00 | 2.05 | |
| 69 2,4-Dinitrotoluene | 165 | 6.473 | 6.474 | -0.001 | 97 | 100143 | 2.00 | 2.05 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.585 | 6.583 | 0.002 | 97 | 92077 | 2.00 | 1.94 | |
| 73 Diethyl phthalate | 149 | 6.729 | 6.733 | -0.004 | 99 | 327204 | 2.00 | 1.90 | |
| 75 Fluorene | 166 | 6.774 | 6.775 | -0.001 | 93 | 352089 | 2.00 | 2.04 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.799 | 6.800 | -0.001 | 92 | 169748 | 2.00 | 2.00 | |
| 76 4-Nitroaniline | 138 | 6.818 | 6.819 | -0.001 | 87 | 69548 | 2.00 | 1.89 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.850 | 6.855 | -0.005 | 93 | 114066 | 4.00 | 3.77 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.918 | 6.919 | -0.001 | 96 | 250185 | 2.00 | 2.02 | |
| 131 Azobenzene | 77 | 6.946 | 6.947 | -0.001 | 0 | 277872 | 2.00 | 2.01 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.946 | 6.947 | -0.001 | 92 | 277872 | 2.00 | 2.07 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.001 | 7.002 | -0.001 | 89 | 82025 | 2.00 | 1.97 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.253 | 7.254 | -0.001 | 97 | 105099 | 2.00 | 1.94 | |
| 82 Hexachlorobenzene | 284 | 7.285 | 7.286 | -0.001 | 94 | 134322 | 2.00 | 1.98 | |
| 83 Atrazine | 200 | 7.448 | 7.449 | -0.001 | 96 | 90205 | 2.00 | 1.93 | |
| 84 Pentachlorophenol | 266 | 7.483 | 7.484 | -0.001 | 95 | 150292 | 4.00 | 3.72 | |
| 85 Pentachloronitrobenzene | 237 | 7.493 | 7.494 | -0.001 | 91 | 41485 | 2.00 | 1.90 | |
| 86 n-Octadecane | 57 | 7.643 | 7.641 | 0.002 | 86 | 158369 | 2.00 | 2.01 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.643 | 7.644 | -0.001 | 98 | 1805051 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.662 | 7.664 | -0.002 | 97 | 479315 | 2.00 | 2.03 | |
| 89 Anthracene | 178 | 7.710 | 7.712 | -0.002 | 99 | 488602 | 2.00 | 2.04 | |
| 90 Carbazole | 167 | 7.883 | 7.884 | -0.001 | 96 | 426893 | 2.00 | 2.05 | |
| 91 Di-n-butyl phthalate | 149 | 8.276 | 8.274 | 0.002 | 99 | 467996 | 2.00 | 1.94 | |
| 92 Fluoranthene | 202 | 8.771 | 8.772 | -0.001 | 98 | 470689 | 2.00 | 2.01 | |
| 93 Benzidine | 184 | 8.940 | 8.938 | 0.002 | 99 | 203380 | 2.00 | 2.19 | |
| 94 Pyrene | 202 | 8.975 | 8.977 | -0.002 | 98 | 492903 | 2.00 | 2.04 | |
| 95 Bisphenol-A | 213 | 9.100 | 9.098 | 0.002 | 98 | 159315 | 2.00 | 1.84 | |
| $ 96 Terphenyl-d14 | 244 | 9.173 | 9.172 | 0.001 | 97 | 430052 | 2.00 | 2.09 | |
| 97 Butyl benzyl phthalate | 149 | 9.675 | 9.674 | 0.001 | 95 | 167930 | 2.00 | 1.90 | |
| 99 Carbamazepine | 193 | 9.726 | 9.728 | -0.002 | 93 | 110978 | 2.00 | 1.86 | |
| 101 Benzo[a]anthracene | 228 | 10.109 | 10.112 | -0.003 | 99 | 420904 | 2.00 | 2.00 | |
| * 102 Chrysene-d12 | 240 | 10.116 | 10.118 | -0.002 | 99 | 1277510 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.122 | 10.124 | -0.002 | 98 | 147554 | 2.00 | 1.92 | |
| 104 Chrysene | 228 | 10.138 | 10.140 | -0.002 | 98 | 399457 | 2.00 | 1.99 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.254 | 10.252 | 0.002 | 85 | 226075 | 2.00 | 1.90 | |
| 105 Di-n-octyl phthalate | 149 | 10.921 | 10.920 | 0.001 | 96 | 320877 | 2.00 | 1.79 | |
| 106 Benzo[b]fluoranthene | 252 | 11.183 | 11.182 | 0.001 | 98 | 363517 | 2.00 | 2.05 | |
| 107 Benzo[k]fluoranthene | 252 | 11.212 | 11.211 | 0.001 | 99 | 382198 | 2.00 | 2.08 | |
| 108 Benzo[a]pyrene | 252 | 11.525 | 11.524 | 0.001 | 97 | 317561 | 2.00 | 2.06 | |
| * 109 Perylene-d12 | 264 | 11.592 | 11.592 | 0.000 | 99 | 1257016 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.822 | 12.828 | -0.006 | 99 | 324156 | 2.00 | 2.03 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.870 | 12.873 | -0.003 | 97 | 330348 | 2.00 | 2.05 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.129 | 13.132 | -0.003 | 98 | 321708 | 2.00 | 2.03 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 4.04 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

Review Flags

a - User Assigned ID

## Reagents:

SV_BNAL5_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:02:26 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56129.d

Injection Date: 29-Jan-2025 10:21:30 Instrument ID: CBNAMS14 Operator ID:

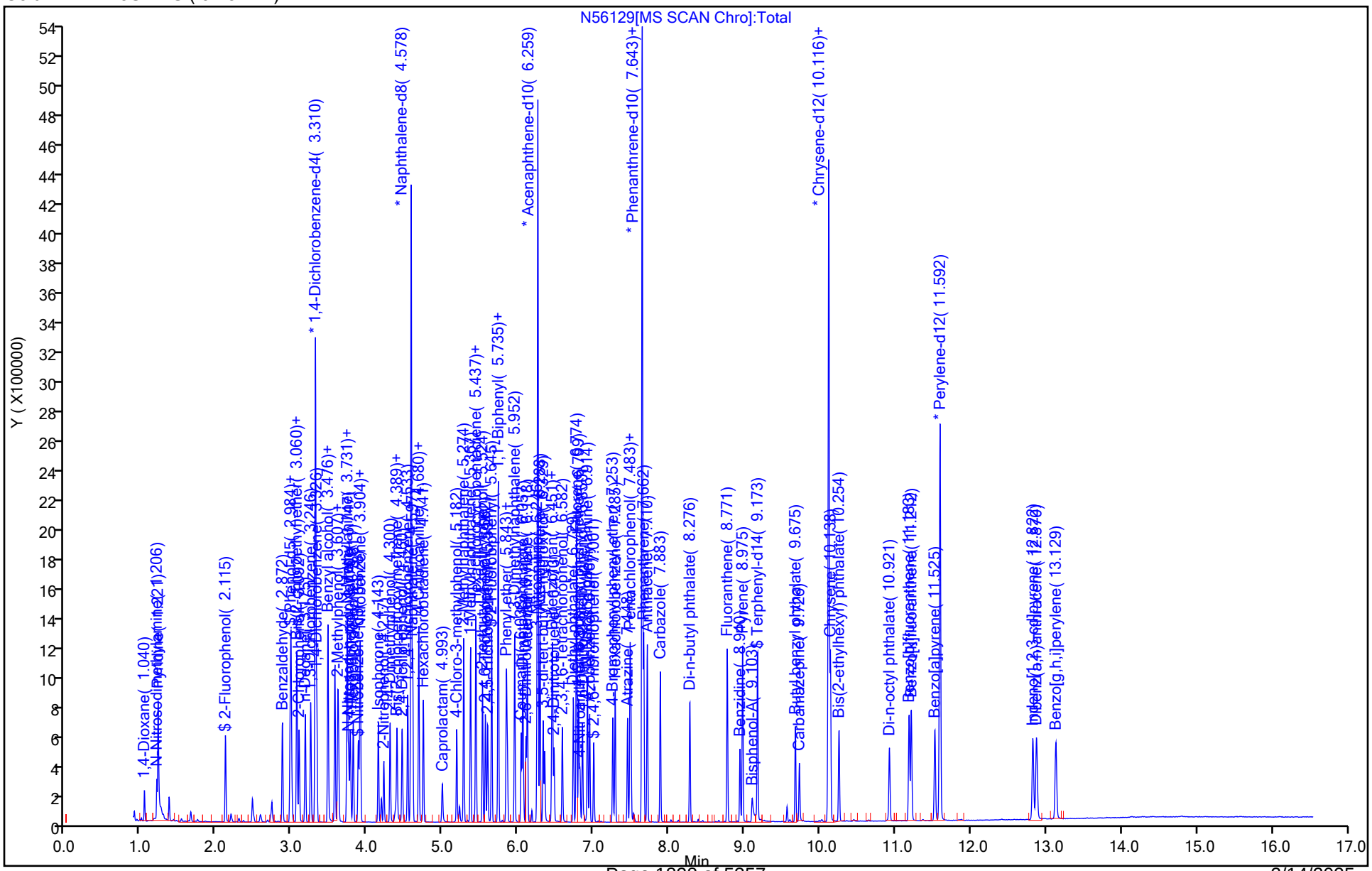
Lims ID: STD2 Worklist Smp#: 6

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

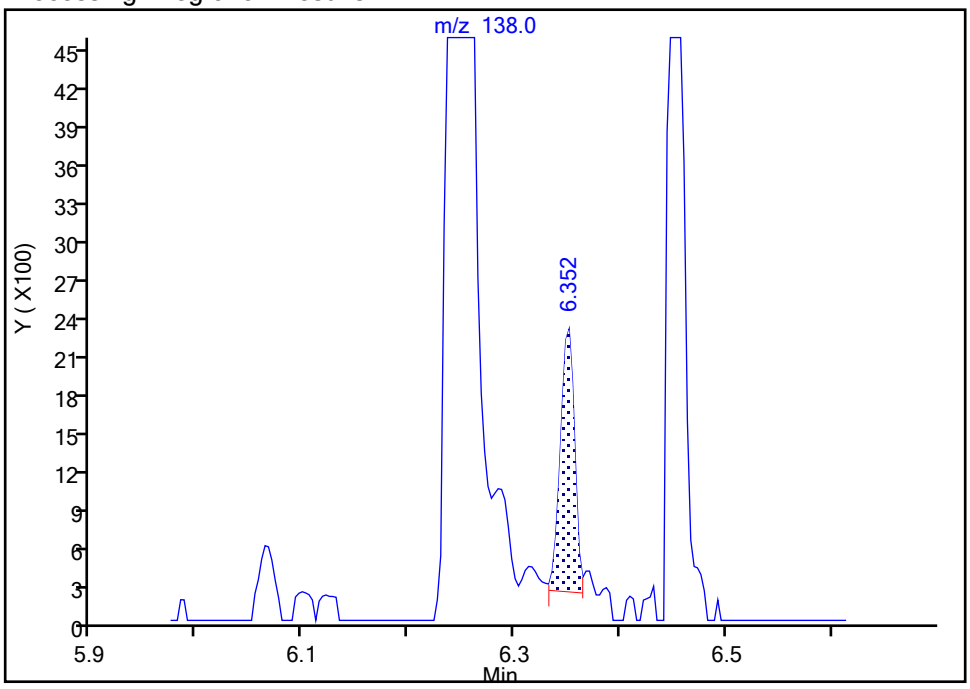
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56129.d
Injection Date: 29-Jan-2025 10:21:30 Instrument ID: CBNAMS14
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

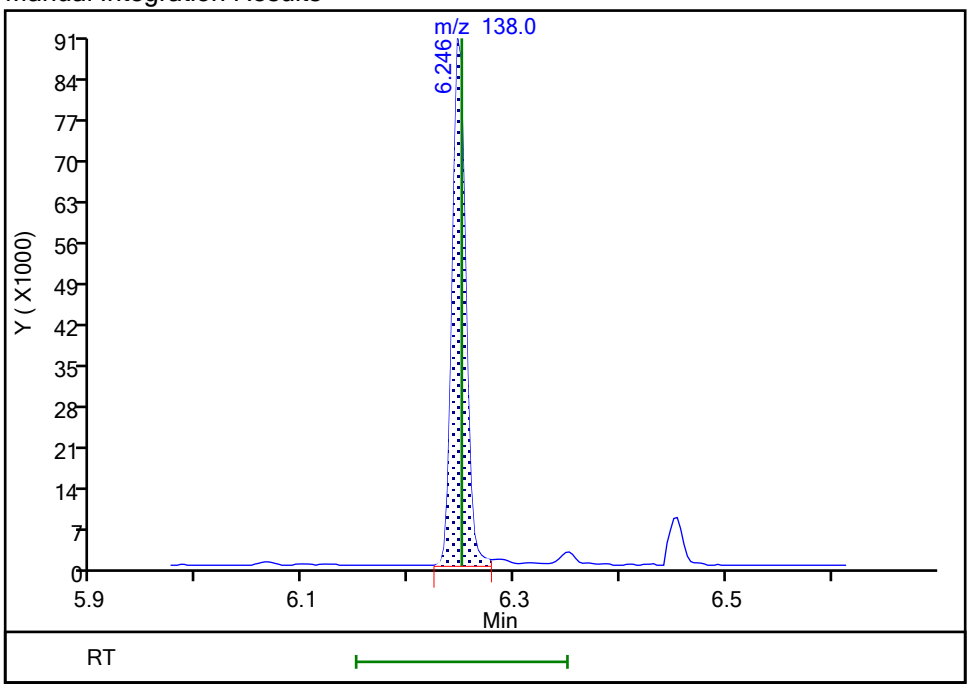
Processing Integration Results

RT: 6.35
Area: 1914
Amount: 1.415598
Amount Units: ug/ml




Manual Integration Results

RT: 6.25
Area: 80094
Amount: 1.925850
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:46:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

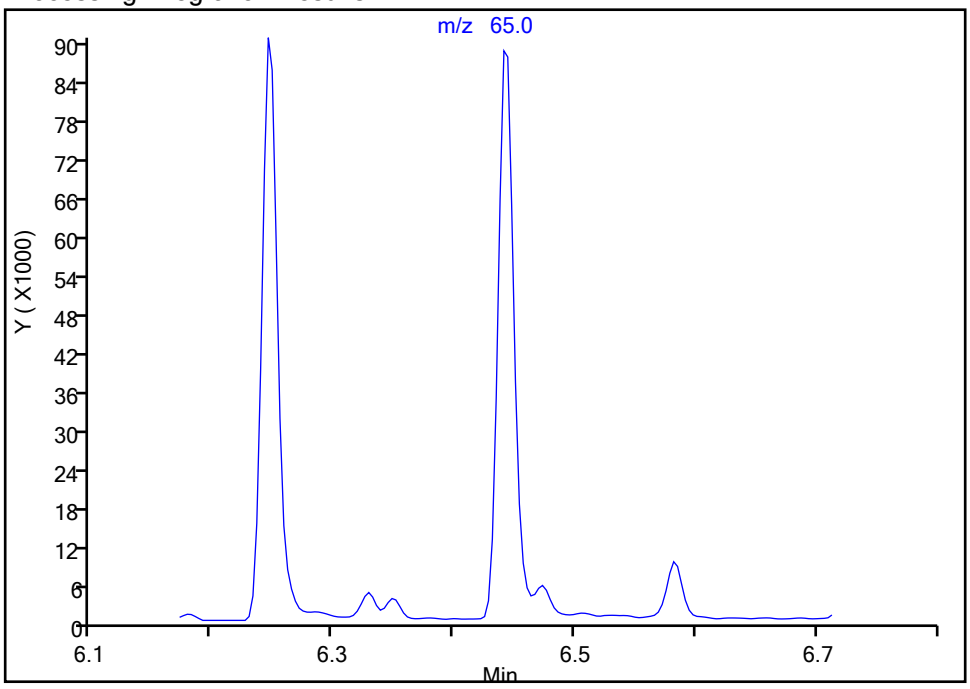
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56129.d | | | | |
| Injection Date: | 29-Jan-2025 10:21:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | STD2 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

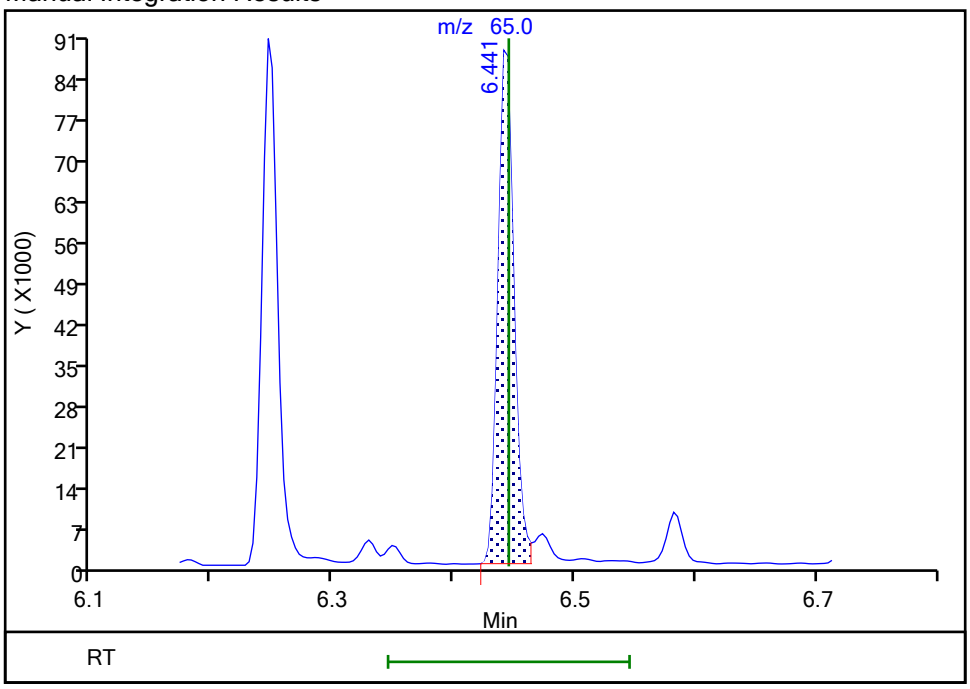
Not Detected
Expected RT: 6.45

Processing Integration Results




Manual Integration Results

RT: 6.44
Area: 82134
Amount: 3.724856
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 10:46:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56131.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 29-Jan-2025 11:03:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-007
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:29 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 11:28:42

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.043 | 1.036 | 0.007 | 91 | 34104 | 1.00 | 1.00 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.209 | 1.202 | 0.007 | 94 | 49441 | 1.00 | 0.9665 | |
| | 3 Pyridine | 79 | 1.228 | 1.218 | 0.010 | 98 | 154947 | 2.00 | 2.09 | |
| $ | 4 2-Fluorophenol | 112 | 2.115 | 2.115 | 0.000 | 97 | 88772 | 1.00 | 0.9573 | |
| | 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 96 | 73828 | 1.00 | 1.03 | |
| $ | 6 Phenol-d5 | 99 | 2.971 | 2.974 | -0.003 | 94 | 113803 | 1.00 | 0.99 | |
| | 8 Aniline | 93 | 2.983 | 2.984 | -0.001 | 84 | 129166 | 1.00 | 1.03 | |
| | 7 Phenol | 94 | 2.983 | 2.987 | -0.004 | 91 | 117269 | 1.00 | 0.99 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.063 | 3.064 | -0.001 | 97 | 87236 | 1.00 | 1.03 | |
| | 10 Benzonitrile | 103 | 3.060 | 3.064 | -0.004 | 97 | 179566 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.092 | 3.092 | 0.000 | 98 | 99743 | 1.00 | 0.9858 | |
| | 12 n-Decane | 43 | 3.175 | 3.176 | -0.001 | 88 | 74233 | 1.00 | 1.03 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.245 | 3.246 | -0.001 | 98 | 120706 | 1.00 | 1.02 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.309 | 3.310 | -0.001 | 93 | 623307 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.325 | 3.326 | -0.001 | 95 | 117629 | 1.00 | 1.00 | |
| | 16 Benzyl alcohol | 108 | 3.472 | 3.476 | -0.004 | 97 | 53148 | 1.00 | 0.9452 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.475 | 3.476 | -0.001 | 97 | 113054 | 1.00 | 1.01 | |
| | 18 2-Methylphenol | 108 | 3.603 | 3.607 | -0.004 | 92 | 79635 | 1.00 | 1.01 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.616 | 3.616 | 0.000 | 93 | 91086 | 1.00 | 1.06 | |
| | 20 N-Methylaniline | 106 | 3.728 | 3.728 | 0.000 | 94 | 138686 | 1.00 | 1.07 | |
| | 21 Acetophenone | 105 | 3.731 | 3.735 | -0.004 | 93 | 127144 | 1.00 | 1.03 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.747 | 3.751 | -0.004 | 79 | 55272 | 1.00 | 1.01 | |
| | 24 4-Methylphenol | 108 | 3.769 | 3.773 | -0.004 | 98 | 81215 | 1.00 | 0.9822 | |
| | 23 3 & 4 Methylphenol | 108 | 3.769 | 3.773 | -0.004 | 67 | 81215 | 1.00 | 0.9822 | |
| | 25 Hexachloroethane | 117 | 3.811 | 3.811 | 0.000 | 94 | 41446 | 1.00 | 1.03 | |
| $ | 27 Nitrobenzene-d5 | 82 | 3.878 | 3.879 | 0.000 | 83 | 89073 | 1.00 | 0.9811 | |
| | 28 Nitrobenzene | 123 | 3.897 | 3.898 | -0.001 | 99 | 44683 | 1.00 | 1.04 | |
| | 29 n,n'-Dimethylaniline | 120 | 3.903 | 3.907 | -0.004 | 92 | 147968 | 1.00 | 1.05 | |
| | 30 Isophorone | 82 | 4.143 | 4.144 | -0.001 | 98 | 151025 | 1.00 | 1.02 | |
| | 32 2-Nitrophenol | 139 | 4.216 | 4.217 | -0.001 | 96 | 45492 | 1.00 | 0.8994 | |
| | 33 2,4-Dimethylphenol | 122 | 4.299 | 4.300 | -0.001 | 93 | 68034 | 1.00 | 1.01 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.389 | 4.393 | -0.004 | 97 | 98368 | 1.00 | 1.00 | |
| 35 Benzoic acid | 122 | 4.370 | 4.406 | -0.036 | 84 | 24481 | 1.00 | 1.19 | M |
| 36 2,4-Dichlorophenol | 162 | 4.459 | 4.460 | -0.001 | 96 | 74614 | 1.00 | 0.9424 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.533 | 4.534 | -0.002 | 94 | 92464 | 1.00 | 1.02 | |
| * 38 Naphthalene-d8 | 136 | 4.577 | 4.578 | -0.001 | 99 | 2113614 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.596 | 4.601 | -0.005 | 99 | 283411 | 1.00 | 1.04 | |
| 130 2,6-Dichlorophenol | 162 | 4.679 | 4.681 | -0.002 | 96 | 76938 | 1.00 | 1.00 | |
| 40 4-Chloroaniline | 127 | 4.679 | 4.681 | -0.002 | 98 | 108957 | 1.00 | 1.06 | |
| 41 Hexachlorobutadiene | 225 | 4.740 | 4.741 | -0.001 | 98 | 51938 | 1.00 | 0.9754 | |
| 42 Caprolactam | 55 | 4.983 | 5.000 | -0.017 | 94 | 24597 | 1.00 | 1.09 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.181 | 5.185 | -0.004 | 94 | 65125 | 1.00 | 0.9490 | |
| 44 2-Methylnaphthalene | 142 | 5.274 | 5.278 | -0.004 | 85 | 184634 | 1.00 | 1.02 | |
| 45 1-Methylnaphthalene | 142 | 5.366 | 5.368 | -0.002 | 92 | 168251 | 1.00 | 1.03 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.433 | 5.435 | -0.002 | 99 | 51900 | 1.00 | 0.9448 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.440 | 5.441 | -0.001 | 98 | 89373 | 1.00 | 0.9792 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.526 | 5.524 | 0.002 | 92 | 104225 | 1.00 | 0.99 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.561 | 5.563 | -0.002 | 93 | 54472 | 1.00 | 0.9752 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.590 | 5.595 | -0.005 | 99 | 56114 | 1.00 | 0.9311 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.644 | 5.646 | -0.002 | 98 | 210028 | 1.00 | 1.00 | |
| 52 1,1'-Biphenyl | 154 | 5.734 | 5.735 | -0.001 | 95 | 214356 | 1.00 | 1.01 | |
| 53 2-Chloronaphthalene | 162 | 5.734 | 5.735 | -0.001 | 94 | 169290 | 1.00 | 1.04 | |
| 54 Phenyl ether | 170 | 5.839 | 5.841 | -0.002 | 84 | 125193 | 1.00 | 1.03 | |
| 55 2-Nitroaniline | 65 | 5.852 | 5.857 | -0.005 | 95 | 39104 | 1.00 | 0.9004 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.951 | 5.953 | -0.002 | 92 | 136583 | 1.00 | 1.02 | |
| 60 Coumarin | 146 | 6.037 | 6.039 | -0.002 | 81 | 55922 | 1.00 | 0.9782 | |
| 59 Dimethyl phthalate | 163 | 6.056 | 6.058 | -0.002 | 99 | 177204 | 1.00 | 1.00 | |
| 61 2,6-Dinitrotoluene | 165 | 6.101 | 6.103 | -0.002 | 94 | 36665 | 1.00 | 0.9531 | |
| 62 Acenaphthylene | 152 | 6.117 | 6.119 | -0.002 | 98 | 249240 | 1.00 | 1.01 | |
| 63 3-Nitroaniline | 138 | 6.245 | 6.250 | -0.005 | 94 | 38652 | 1.00 | 0.9119 | a |
| * 64 Acenaphthene-d10 | 164 | 6.258 | 6.260 | -0.002 | 97 | 1075983 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.286 | 6.288 | -0.002 | 95 | 151984 | 1.00 | 1.01 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.328 | 6.330 | -0.002 | 96 | 136854 | 1.00 | 1.09 | |
| 67 2,4-Dinitrophenol | 184 | 6.350 | 6.352 | -0.002 | 91 | 29937 | 2.00 | 1.56 | |
| 68 4-Nitrophenol | 65 | 6.440 | 6.445 | -0.005 | 85 | 37063 | 2.00 | 1.65 | a |
| 70 Dibenzofuran | 168 | 6.453 | 6.455 | -0.002 | 97 | 229278 | 1.00 | 1.02 | |
| 69 2,4-Dinitrotoluene | 165 | 6.472 | 6.474 | -0.002 | 97 | 47045 | 1.00 | 0.9428 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.584 | 6.583 | 0.001 | 97 | 44946 | 1.00 | 0.9315 | |
| 73 Diethyl phthalate | 149 | 6.727 | 6.733 | -0.006 | 99 | 217282 | 1.00 | 1.24 | |
| 75 Fluorene | 166 | 6.772 | 6.775 | -0.003 | 94 | 182093 | 1.00 | 1.03 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.801 | 6.800 | 0.001 | 92 | 85988 | 1.00 | 0.99 | |
| 76 4-Nitroaniline | 138 | 6.814 | 6.819 | -0.005 | 84 | 33336 | 1.00 | 0.8888 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.849 | 6.855 | -0.006 | 92 | 48402 | 2.00 | 1.54 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.916 | 6.919 | -0.003 | 96 | 127914 | 1.00 | 1.00 | |
| 131 Azobenzene | 77 | 6.945 | 6.947 | -0.002 | 0 | 137873 | 1.00 | 0.9638 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.945 | 6.947 | -0.002 | 92 | 136970 | 1.00 | 0.9839 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.999 | 7.002 | -0.003 | 89 | 39573 | 1.00 | 0.9326 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.251 | 7.254 | -0.003 | 95 | 55318 | 1.00 | 0.9893 | |
| 82 Hexachlorobenzene | 284 | 7.283 | 7.286 | -0.003 | 94 | 70016 | 1.00 | 1.00 | |
| 83 Atrazine | 200 | 7.446 | 7.449 | -0.003 | 96 | 43376 | 1.00 | 0.9424 | |
| 84 Pentachlorophenol | 266 | 7.481 | 7.484 | -0.003 | 95 | 68222 | 2.00 | 1.63 | |
| 85 Pentachloronitrobenzene | 237 | 7.491 | 7.494 | -0.003 | 92 | 20546 | 1.00 | 0.9078 | |
| 86 n-Octadecane | 57 | 7.641 | 7.641 | 0.000 | 51 | 76786 | 1.00 | 0.9430 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.641 | 7.644 | -0.003 | 98 | 1867794 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.661 | 7.664 | -0.003 | 97 | 252722 | 1.00 | 1.04 | |
| 89 Anthracene | 178 | 7.709 | 7.712 | -0.003 | 99 | 246858 | 1.00 | 1.00 | |
| 90 Carbazole | 167 | 7.881 | 7.884 | -0.003 | 96 | 210153 | 1.00 | 0.9758 | |
| 91 Di-n-butyl phthalate | 149 | 8.274 | 8.274 | 0.000 | 99 | 230285 | 1.00 | 0.9233 | |
| 92 Fluoranthene | 202 | 8.768 | 8.772 | -0.004 | 98 | 239403 | 1.00 | 0.9893 | |
| 93 Benzidine | 184 | 8.938 | 8.938 | 0.000 | 99 | 95728 | 1.00 | 0.99 | |
| 94 Pyrene | 202 | 8.973 | 8.977 | -0.004 | 97 | 244764 | 1.00 | 0.99 | |
| 95 Bisphenol-A | 213 | 9.101 | 9.098 | 0.003 | 98 | 73458 | 1.00 | 0.8306 | |
| $ 96 Terphenyl-d14 | 244 | 9.171 | 9.172 | -0.001 | 97 | 211264 | 1.00 | 1.00 | |
| 97 Butyl benzyl phthalate | 149 | 9.672 | 9.674 | -0.002 | 95 | 76336 | 1.00 | 0.8441 | |
| 99 Carbamazepine | 193 | 9.724 | 9.728 | -0.004 | 94 | 47121 | 1.00 | 1.05 | |
| 101 Benzo[a]anthracene | 228 | 10.107 | 10.112 | -0.005 | 99 | 210923 | 1.00 | 0.9815 | |
| * 102 Chrysene-d12 | 240 | 10.116 | 10.118 | -0.002 | 99 | 1304788 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.123 | 10.124 | -0.001 | 98 | 70175 | 1.00 | 0.9430 | |
| 104 Chrysene | 228 | 10.139 | 10.140 | -0.001 | 99 | 208348 | 1.00 | 1.01 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.251 | 10.252 | -0.001 | 85 | 104249 | 1.00 | 0.9129 | |
| 105 Di-n-octyl phthalate | 149 | 10.918 | 10.920 | -0.002 | 96 | 137405 | 1.00 | 0.7535 | |
| 106 Benzo[b]fluoranthene | 252 | 11.180 | 11.182 | -0.002 | 98 | 177044 | 1.00 | 0.9826 | |
| 107 Benzo[k]fluoranthene | 252 | 11.209 | 11.211 | -0.002 | 99 | 192576 | 1.00 | 1.03 | |
| 108 Benzo[a]pyrene | 252 | 11.522 | 11.524 | -0.002 | 97 | 155784 | 1.00 | 1.00 | |
| * 109 Perylene-d12 | 264 | 11.592 | 11.592 | 0.000 | 99 | 1277197 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.822 | 12.828 | -0.006 | 99 | 155028 | 1.00 | 0.9537 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.870 | 12.873 | -0.003 | 97 | 159182 | 1.00 | 0.9719 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.126 | 13.132 | -0.006 | 98 | 155871 | 1.00 | 0.9703 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 1.99 | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

SV_BNAL4_LVI_00008 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:02:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56131.d

Injection Date: 29-Jan-2025 11:03:30 Instrument ID: CBNAMS14 Operator ID:

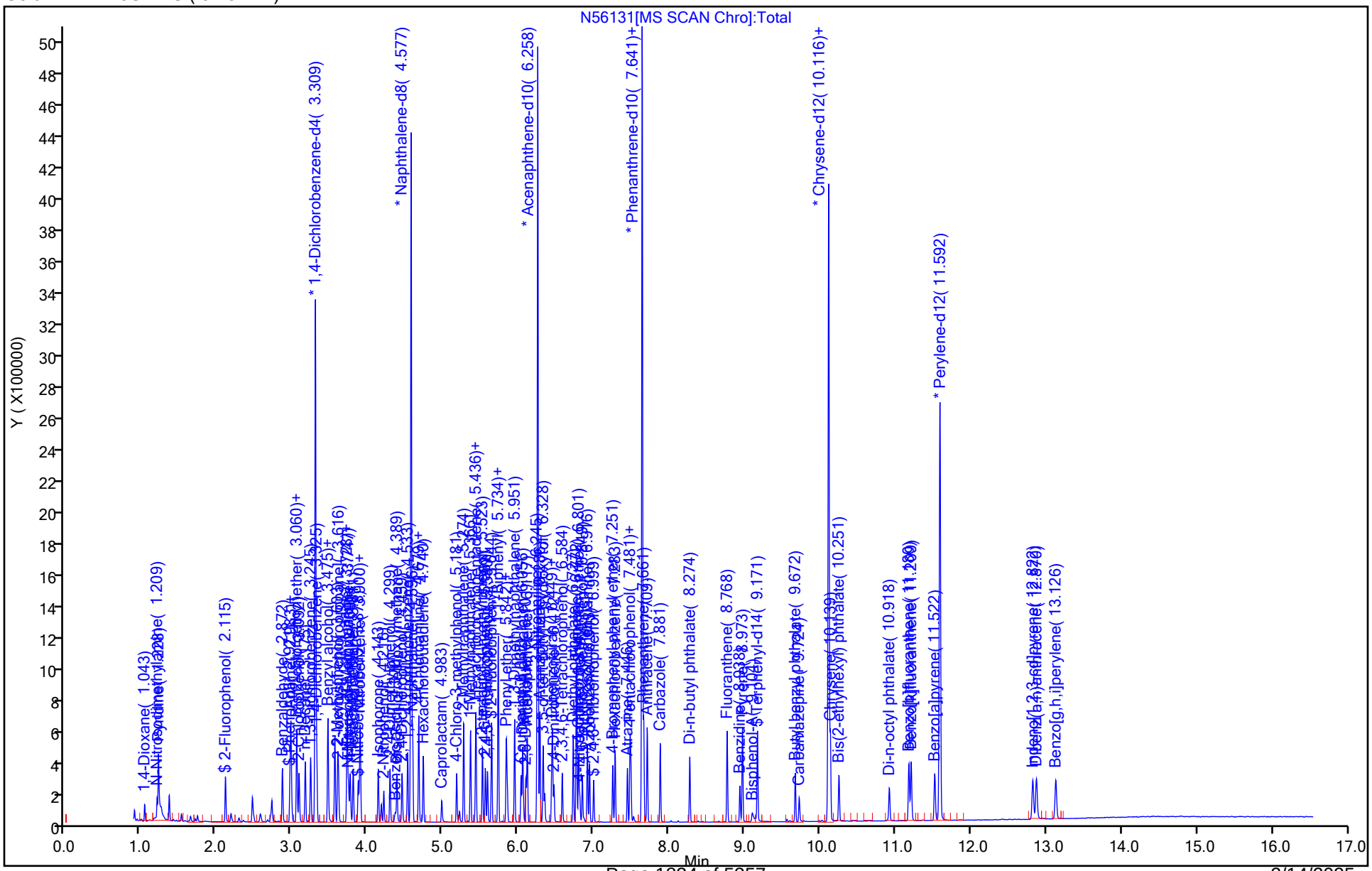
Lims ID: STD1 Worklist Smp#: 7

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

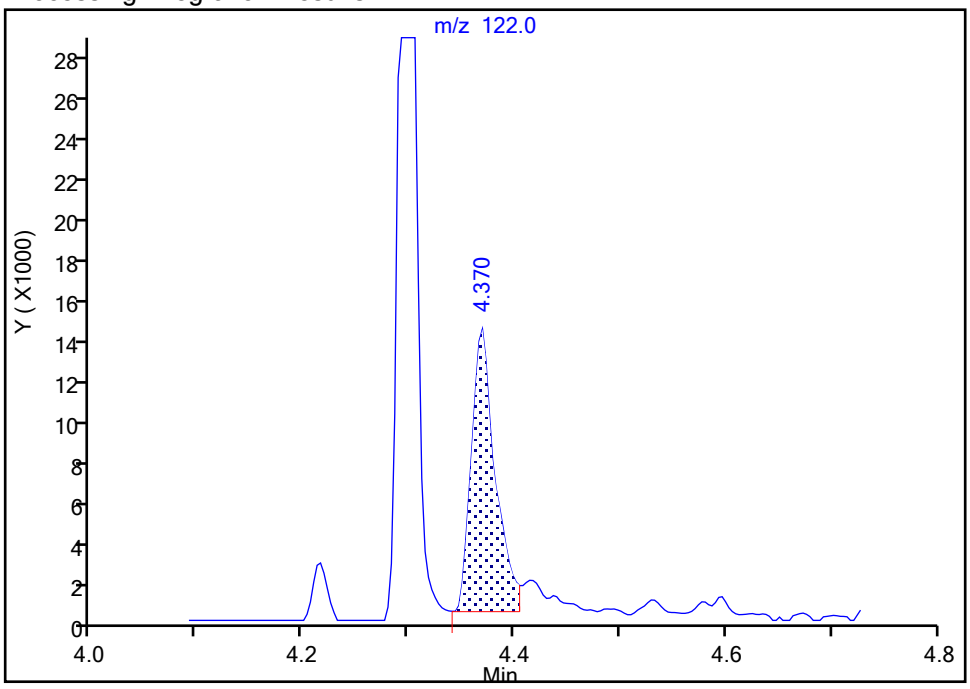
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56131.d
Injection Date: 29-Jan-2025 11:03:30 Instrument ID: CBNAMS14
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 35 Benzoic acid, CAS: 65-85-0

Signal: 1

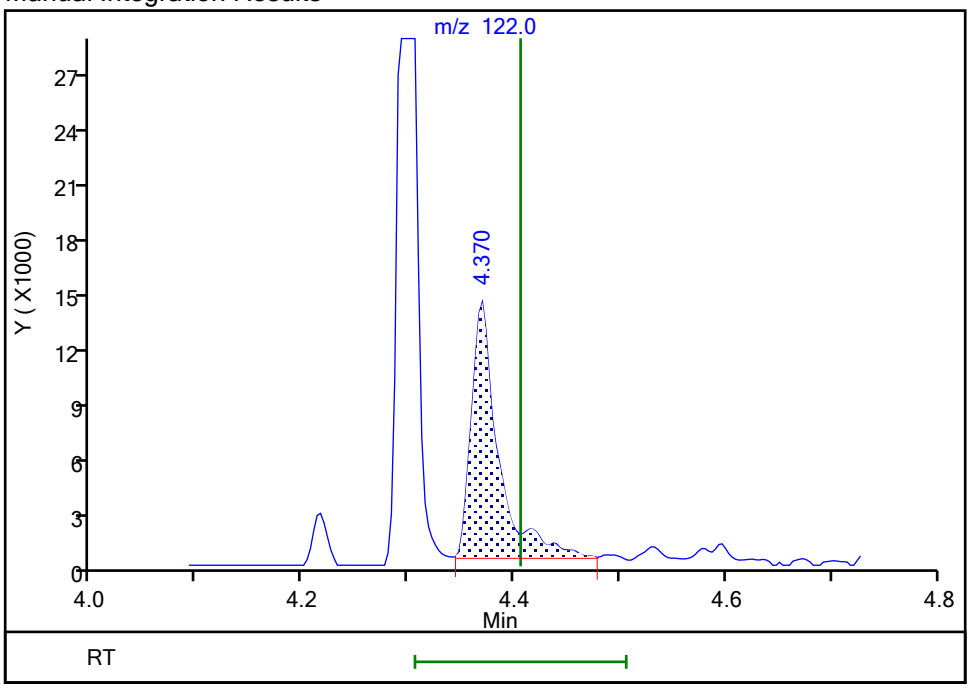
Processing Integration Results

RT: 4.37
Area: 21367
Amount: 1.173298
Amount Units: ug/ml




Manual Integration Results

RT: 4.37
Area: 24481
Amount: 1.193494
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 11:28:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

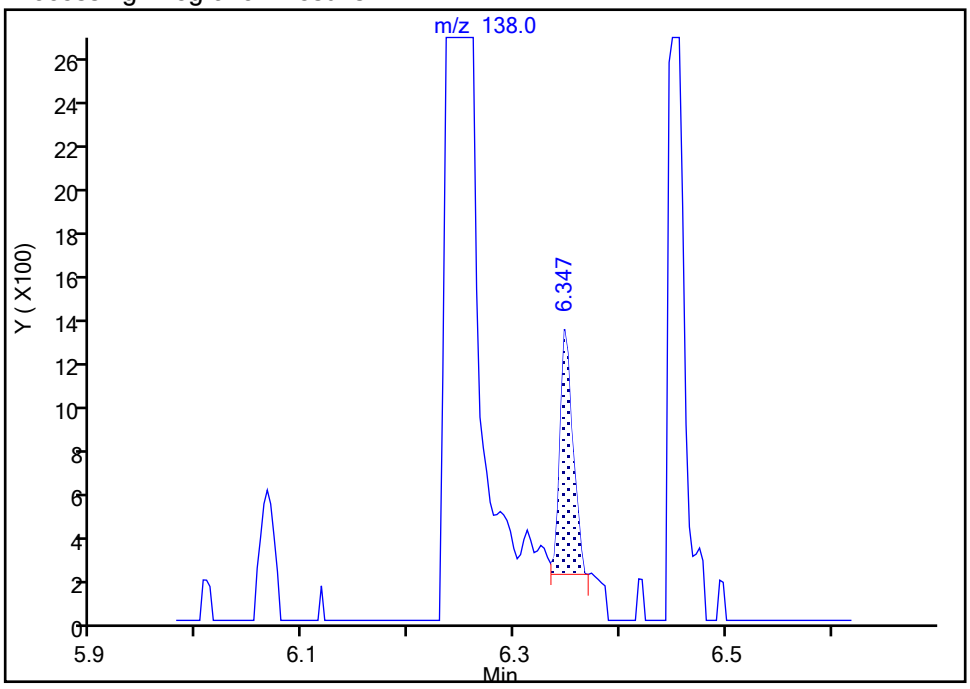
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56131.d
Injection Date: 29-Jan-2025 11:03:30 Instrument ID: CBNAMS14
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 63 3-Nitroaniline, CAS: 99-09-2

Signal: 1

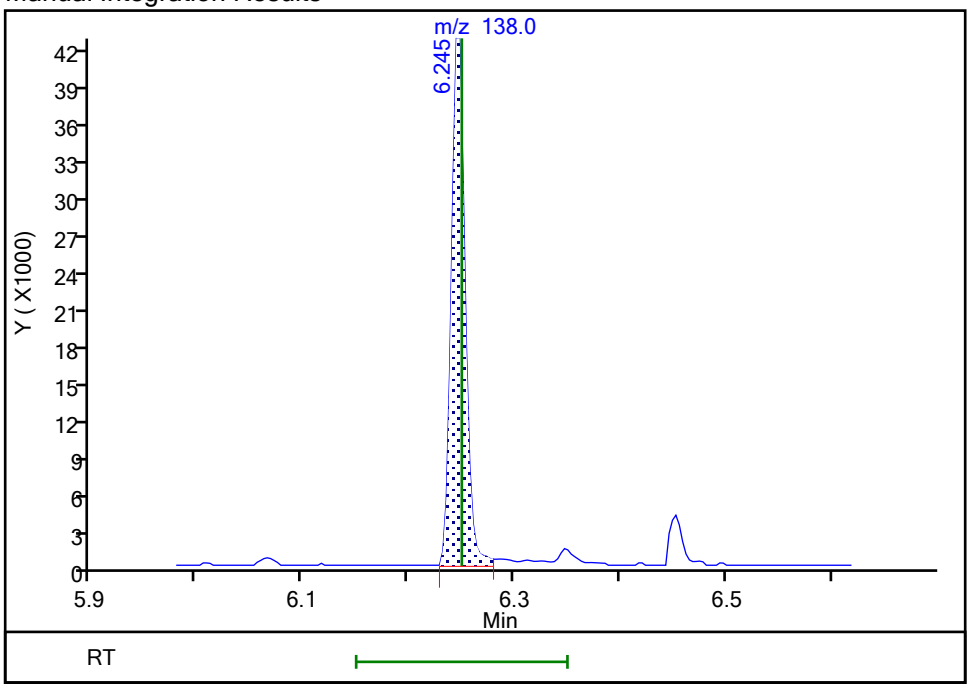
Processing Integration Results

RT: 6.35
Area: 945
Amount: 0.558313
Amount Units: ug/ml




Manual Integration Results

RT: 6.24
Area: 38652
Amount: 0.911931
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 11:28:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

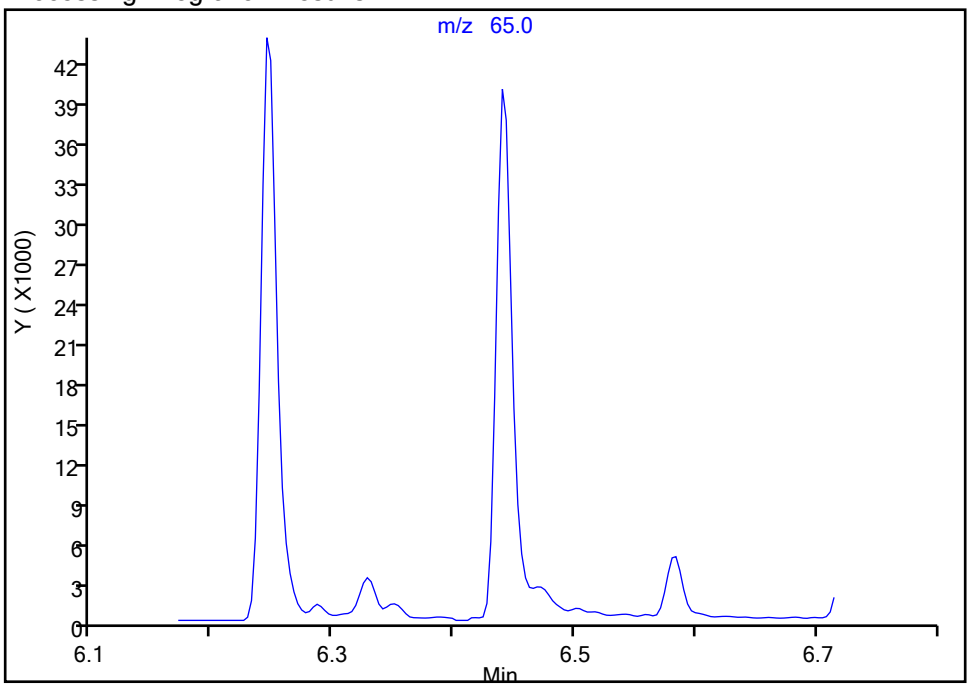
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56131.d | | | | |
| Injection Date: | 29-Jan-2025 11:03:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | STD1 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 68 4-Nitrophenol, CAS: 100-02-7

Signal: 1

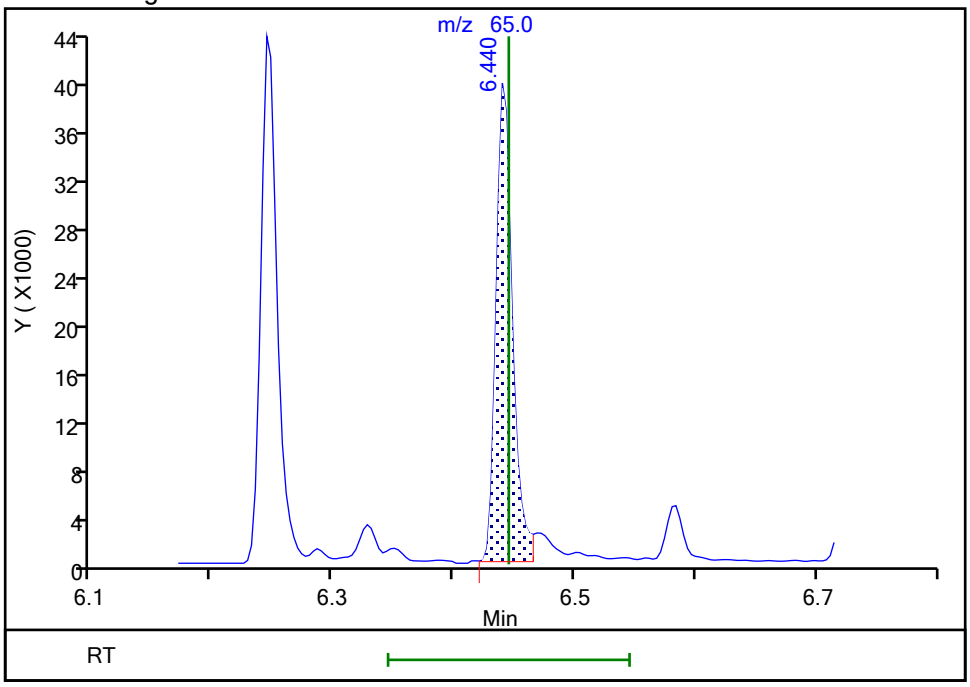
Not Detected
Expected RT: 6.45

Processing Integration Results




Manual Integration Results

RT: 6.44
Area: 37063
Amount: 1.649281
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 11:28:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56133.d
Lims ID: STD04
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 29-Jan-2025 11:46:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-008
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:33 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 12:12:08

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 95 | 27086 | 0.4000 | 0.3905 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.309 | 3.310 | -0.001 | 93 | 605637 | 8.00 | 8.00 | |
| * 38 Naphthalene-d8 | 136 | 4.577 | 4.578 | -0.001 | 98 | 2064213 | 8.00 | 8.00 | |
| 42 Caprolactam | 55 | 4.979 | 5.000 | -0.021 | 93 | 8337 | 0.4000 | 0.4105 | |
| * 64 Acenaphthene-d10 | 164 | 6.257 | 6.260 | -0.003 | 96 | 1063415 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.350 | 6.352 | -0.002 | 92 | 7519 | 0.8000 | 0.5937 | |
| 83 Atrazine | 200 | 7.448 | 7.449 | -0.001 | 94 | 15553 | 0.4000 | 0.3939 | |
| * 87 Phenanthrene-d10 | 188 | 7.643 | 7.644 | -0.001 | 98 | 1842513 | 8.00 | 8.00 | |
| 93 Benzidine | 184 | 8.939 | 8.938 | 0.001 | 99 | 31225 | 0.4000 | 0.3287 | |
| * 102 Chrysene-d12 | 240 | 10.118 | 10.118 | 0.000 | 99 | 1248945 | 8.00 | 8.00 | |
| * 109 Perylene-d12 | 264 | 11.593 | 11.592 | 0.001 | 99 | 1233507 | 8.00 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SV_BNAL3_LVI_00008 Amount Added: 1.00 Units: mL

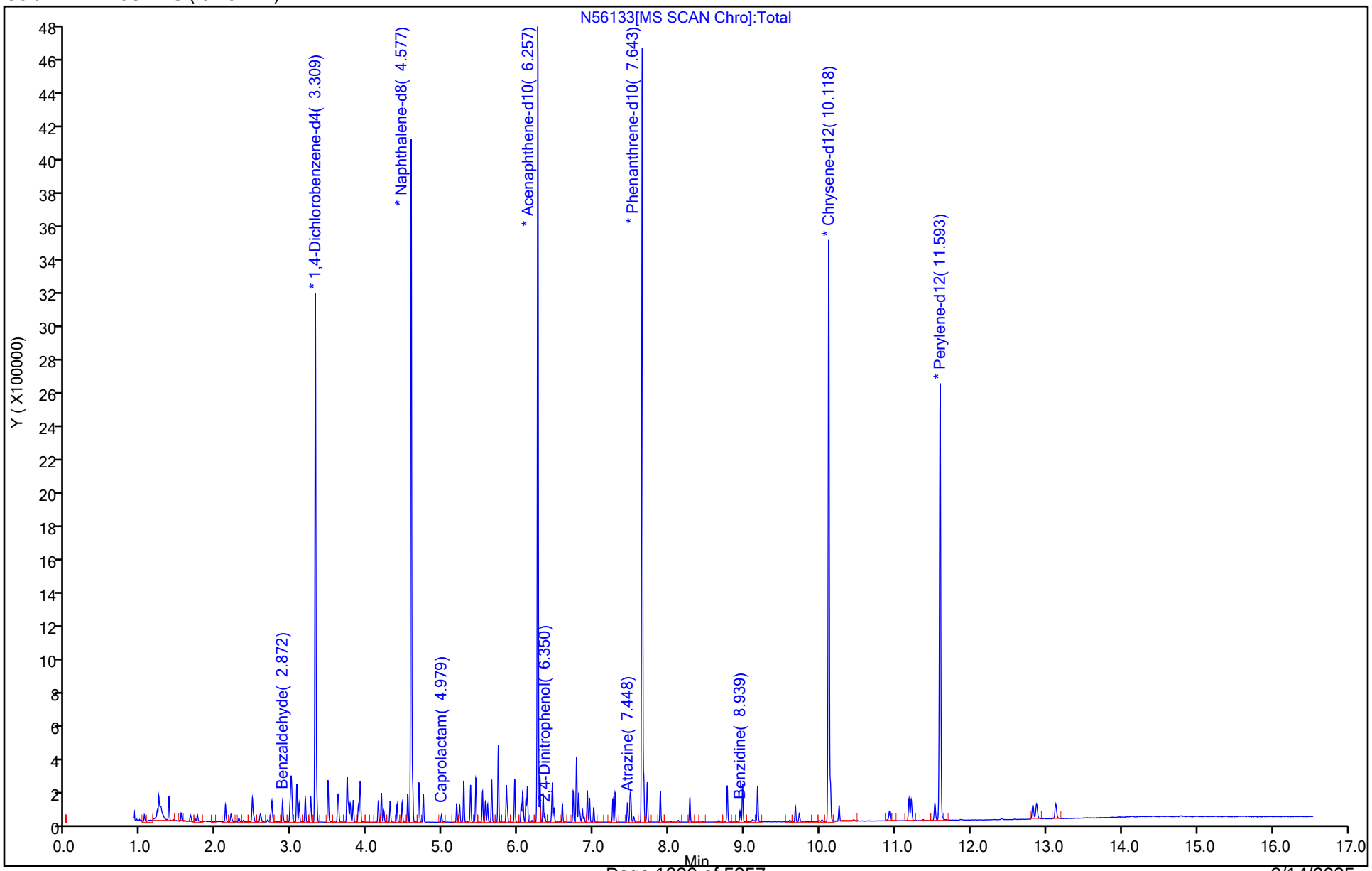
Report Date: 29-Jan-2025 14:02:34 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56133.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 29-Jan-2025 11:46:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | STD04 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56135.d
Lims ID: STD02
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 29-Jan-2025 12:28:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-009
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:35 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 12:52:06

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.043 | 1.036 | 0.007 | 91 | 5943 | 0.2000 | 0.1866 | |
| 3 Pyridine | 79 | 1.241 | 1.218 | 0.023 | 98 | 27144 | 0.4000 | 0.3931 | M |
| $ 4 2-Fluorophenol | 112 | 2.118 | 2.115 | 0.003 | 96 | 15764 | 0.2000 | 0.1828 | |
| 5 Benzaldehyde | 77 | 2.875 | 2.872 | 0.003 | 94 | 13049 | 0.2000 | 0.1965 | |
| $ 6 Phenol-d5 | 99 | 2.974 | 2.974 | 0.000 | 93 | 19817 | 0.2000 | 0.1856 | |
| 8 Aniline | 93 | 2.986 | 2.984 | 0.002 | 89 | 22573 | 0.2000 | 0.1943 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.063 | 3.064 | -0.001 | 96 | 15964 | 0.2000 | 0.2020 | |
| 13 1,3-Dichlorobenzene | 146 | 3.248 | 3.246 | 0.002 | 99 | 23348 | 0.2000 | 0.2113 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.309 | 3.310 | -0.001 | 93 | 579790 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.328 | 3.326 | 0.002 | 91 | 22605 | 0.2000 | 0.2067 | |
| 17 1,2-Dichlorobenzene | 146 | 3.478 | 3.476 | 0.002 | 96 | 22558 | 0.2000 | 0.2166 | |
| 20 N-Methylaniline | 106 | 3.727 | 3.728 | -0.001 | 96 | 22876 | 0.2000 | 0.1892 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.746 | 3.751 | -0.005 | 76 | 10147 | 0.2000 | 0.2000 | |
| 25 Hexachloroethane | 117 | 3.810 | 3.811 | -0.001 | 94 | 8198 | 0.2000 | 0.2189 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.877 | 3.879 | -0.001 | 84 | 15199 | 0.2000 | 0.1784 | |
| 28 Nitrobenzene | 123 | 3.896 | 3.898 | -0.002 | 95 | 6957 | 0.2000 | 0.1746 | |
| 29 n,n'-Dimethylaniline | 120 | 3.906 | 3.907 | -0.001 | 92 | 26526 | 0.2000 | 0.2016 | |
| 30 Isophorone | 82 | 4.142 | 4.144 | -0.002 | 98 | 24991 | 0.2000 | 0.1803 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.532 | 4.534 | -0.002 | 95 | 17497 | 0.2000 | 0.2057 | |
| * 38 Naphthalene-d8 | 136 | 4.576 | 4.578 | -0.002 | 99 | 1983825 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.599 | 4.601 | -0.002 | 98 | 54258 | 0.2000 | 0.2112 | |
| 40 4-Chloroaniline | 127 | 4.682 | 4.681 | 0.001 | 97 | 17804 | 0.2000 | 0.1851 | |
| 41 Hexachlorobutadiene | 225 | 4.739 | 4.741 | -0.002 | 97 | 10099 | 0.2000 | 0.2021 | |
| 42 Caprolactam | 55 | 4.979 | 5.000 | -0.021 | 87 | 3219 | 0.2000 | 0.1762 | |
| 44 2-Methylnaphthalene | 142 | 5.276 | 5.278 | -0.002 | 85 | 33767 | 0.2000 | 0.1993 | |
| 45 1-Methylnaphthalene | 142 | 5.365 | 5.368 | -0.003 | 91 | 30758 | 0.2000 | 0.1998 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.525 | 5.524 | 0.001 | 92 | 18097 | 0.2000 | 0.1834 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.563 | 5.563 | 0.000 | 92 | 8516 | 0.2000 | 0.1637 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.646 | 5.646 | 0.000 | 97 | 38310 | 0.2000 | 0.1960 | |
| 52 1,1'-Biphenyl | 154 | 5.732 | 5.735 | -0.003 | 95 | 41087 | 0.2000 | 0.2078 | |
| 61 2,6-Dinitrotoluene | 165 | 6.100 | 6.103 | -0.003 | 94 | 5515 | 0.2000 | 0.1539 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 64 Acenaphthene-d10 | 164 | 6.256 | 6.260 | -0.004 | 95 | 1002211 | 8.00 | 8.00 | |
| 69 2,4-Dinitrotoluene | 165 | 6.473 | 6.474 | -0.001 | 96 | 6854 | 0.2000 | 0.1475 | |
| 75 Fluorene | 166 | 6.773 | 6.775 | -0.002 | 94 | 32428 | 0.2000 | 0.1975 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.943 | 6.947 | -0.004 | 92 | 24950 | 0.2000 | 0.1910 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.000 | 7.002 | -0.002 | 87 | 5588 | 0.2000 | 0.1414 | |
| 82 Hexachlorobenzene | 284 | 7.284 | 7.286 | -0.002 | 95 | 12947 | 0.2000 | 0.1968 | |
| 83 Atrazine | 200 | 7.447 | 7.449 | -0.002 | 95 | 5831 | 0.2000 | 0.2041 | |
| * 87 Phenanthrene-d10 | 188 | 7.642 | 7.644 | -0.002 | 98 | 1752437 | 8.00 | 8.00 | |
| 92 Fluoranthene | 202 | 8.772 | 8.772 | 0.000 | 97 | 42904 | 0.2000 | 0.1890 | |
| 94 Pyrene | 202 | 8.973 | 8.977 | -0.004 | 97 | 42613 | 0.2000 | 0.1891 | |
| $ 96 Terphenyl-d14 | 244 | 9.171 | 9.172 | -0.001 | 97 | 35133 | 0.2000 | 0.1824 | |
| 101 Benzo[a]anthracene | 228 | 10.110 | 10.112 | -0.002 | 98 | 39116 | 0.2000 | 0.1989 | |
| * 102 Chrysene-d12 | 240 | 10.116 | 10.118 | -0.002 | 99 | 1194269 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.122 | 10.124 | -0.002 | 94 | 8629 | 0.2000 | 0.2028 | |
| 104 Chrysene | 228 | 10.139 | 10.140 | -0.001 | 99 | 39719 | 0.2000 | 0.2114 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.254 | 10.252 | 0.002 | 87 | 11893 | 0.2000 | 0.2043 | |
| 106 Benzo[b]fluoranthene | 252 | 11.180 | 11.182 | -0.002 | 98 | 29283 | 0.2000 | 0.1786 | |
| 107 Benzo[k]fluoranthene | 252 | 11.208 | 11.211 | -0.003 | 99 | 29942 | 0.2000 | 0.1765 | |
| 108 Benzo[a]pyrene | 252 | 11.525 | 11.524 | 0.000 | 96 | 23573 | 0.2000 | 0.1656 | |
| * 109 Perylene-d12 | 264 | 11.592 | 11.592 | 0.000 | 99 | 1162128 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.825 | 12.828 | -0.003 | 99 | 23026 | 0.2000 | 0.1557 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.873 | 12.873 | 0.000 | 97 | 25367 | 0.2000 | 0.1702 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.125 | 13.132 | -0.007 | 96 | 24886 | 0.2000 | 0.1703 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

SV_BNAL2_LVI_00006 Amount Added: 1.00 Units: mL

Report Date: 29-Jan-2025 14:02:36 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56135.d

Injection Date: 29-Jan-2025 12:28:30 Instrument ID: CBNAMS14 Operator ID:

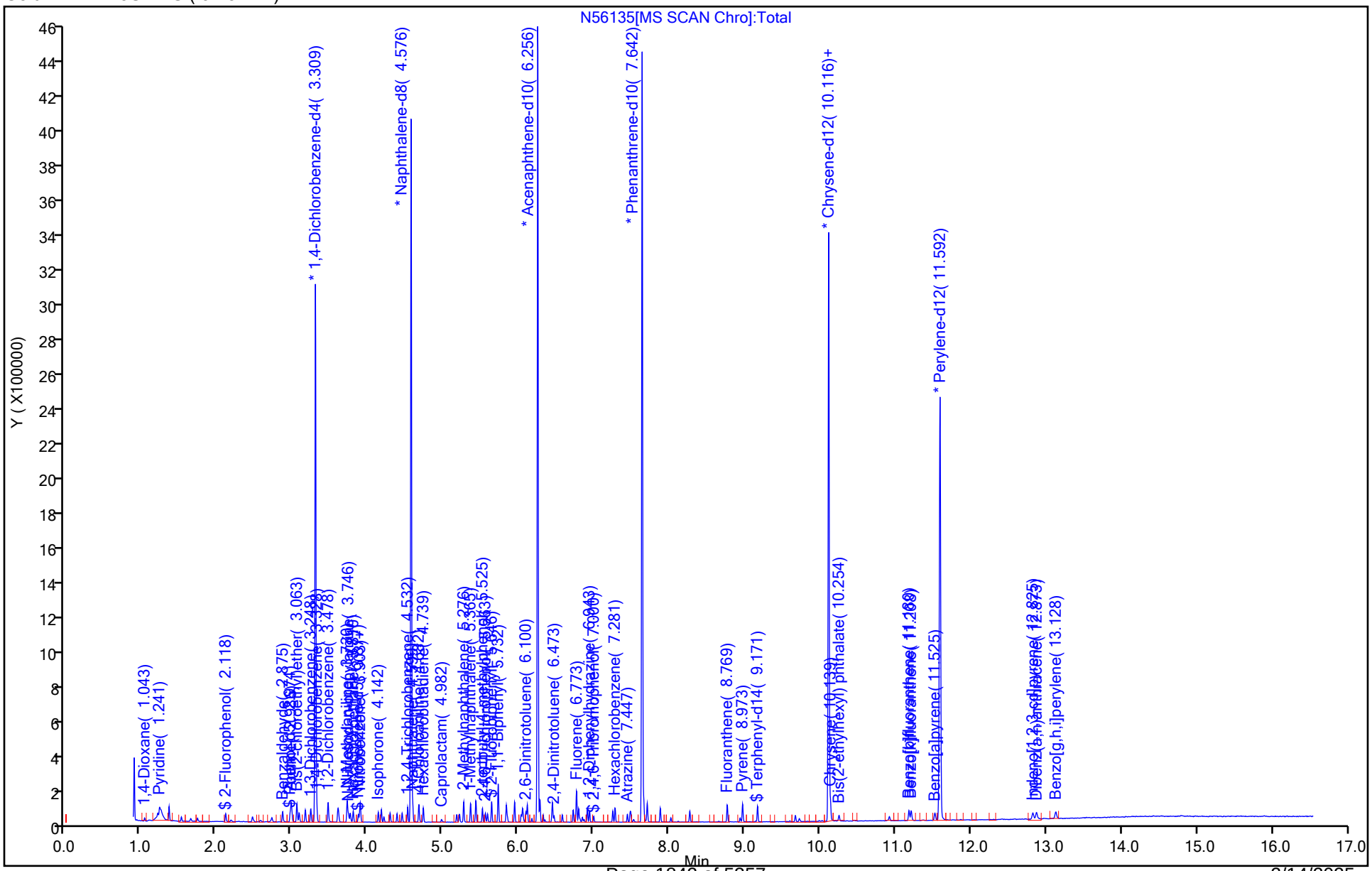
Lims ID: STD02 Worklist Smp#: 9

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

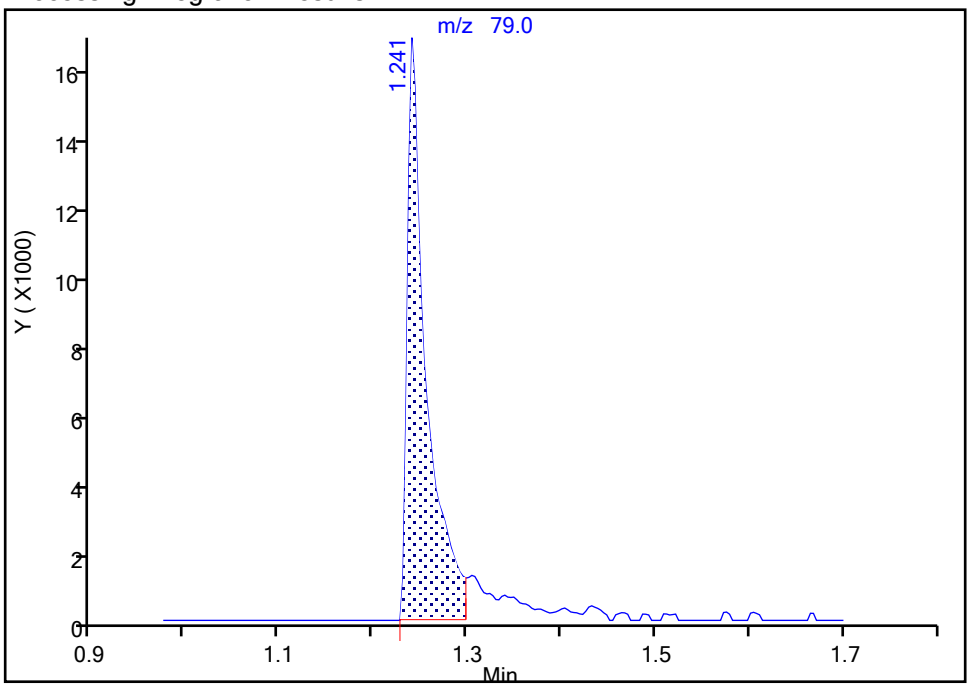
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56135.d
Injection Date: 29-Jan-2025 12:28:30 Instrument ID: CBNAMS14
Lims ID: STD02
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 3 Pyridine, CAS: 110-86-1

Signal: 1

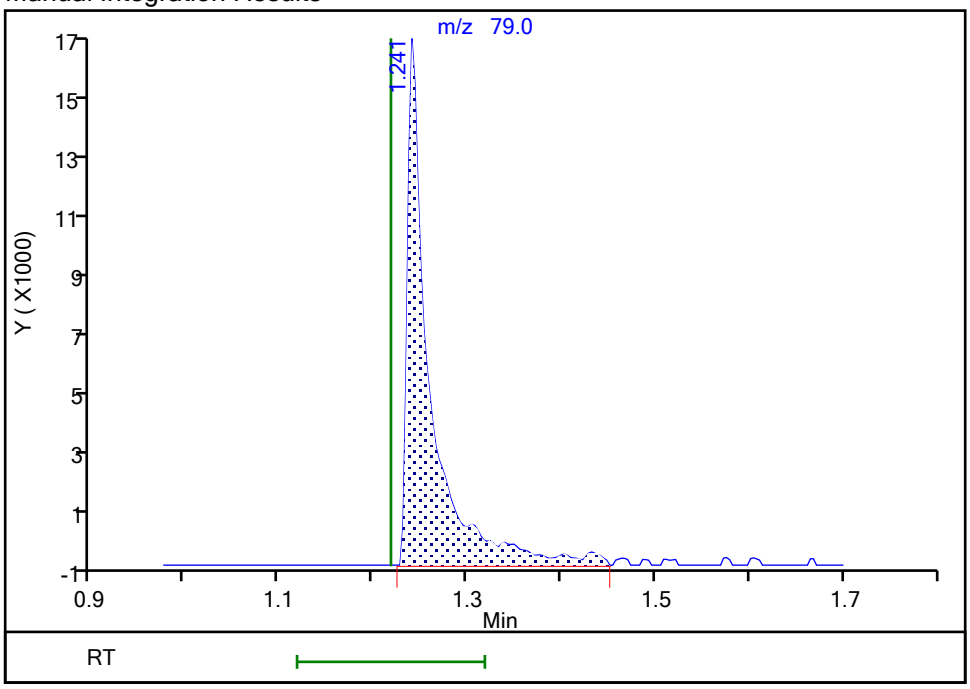
Processing Integration Results

RT: 1.24
Area: 22789
Amount: 0.328719
Amount Units: ug/ml




Manual Integration Results

RT: 1.24
Area: 27144
Amount: 0.393102
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 12:51:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d
Lims ID: STD01
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 29-Jan-2025 13:11:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-010
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:02:38 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 13:43:04

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.043 | 1.036 | 0.007 | 84 | 3067 | 0.1000 | 0.0920 | |
| 3 Pyridine | 79 | 1.253 | 1.218 | 0.035 | 80 | 11769 | 0.2000 | 0.1629 | M |
| $ 6 Phenol-d5 | 99 | 2.974 | 2.974 | 0.000 | 90 | 9730 | 0.1000 | 0.0871 | a |
| 8 Aniline | 93 | 2.986 | 2.984 | 0.002 | 82 | 10238 | 0.1000 | 0.0842 | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.063 | 3.064 | -0.001 | 97 | 8236 | 0.1000 | 0.0996 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.309 | 3.310 | -0.001 | 93 | 606738 | 8.00 | 8.00 | |
| 20 N-Methylaniline | 106 | 3.727 | 3.728 | -0.001 | 95 | 9233 | 0.1000 | 0.0730 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.749 | 3.751 | -0.002 | 82 | 4732 | 0.1000 | 0.0891 | |
| 25 Hexachloroethane | 117 | 3.810 | 3.811 | -0.001 | 95 | 3697 | 0.1000 | 0.0943 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.877 | 3.879 | -0.001 | 84 | 7546 | 0.1000 | 0.0856 | |
| 28 Nitrobenzene | 123 | 3.896 | 3.898 | -0.002 | 96 | 3339 | 0.1000 | 0.0801 | |
| 29 n,n'-Dimethylaniline | 120 | 3.906 | 3.907 | -0.001 | 96 | 13491 | 0.1000 | 0.0980 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.532 | 4.534 | -0.002 | 93 | 8584 | 0.1000 | 0.0975 | |
| * 38 Naphthalene-d8 | 136 | 4.579 | 4.578 | 0.001 | 99 | 2052650 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.599 | 4.601 | -0.002 | 97 | 26967 | 0.1000 | 0.1014 | |
| 40 4-Chloroaniline | 127 | 4.685 | 4.681 | 0.004 | 97 | 8657 | 0.1000 | 0.0870 | |
| 41 Hexachlorobutadiene | 225 | 4.739 | 4.741 | -0.002 | 96 | 5009 | 0.1000 | 0.0969 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.646 | 5.646 | 0.000 | 97 | 18793 | 0.1000 | 0.0910 | |
| 52 1,1'-Biphenyl | 154 | 5.732 | 5.735 | -0.003 | 94 | 20451 | 0.1000 | 0.0979 | |
| * 64 Acenaphthene-d10 | 164 | 6.259 | 6.260 | -0.001 | 95 | 1058781 | 8.00 | 8.00 | |
| 67 2,4-Dinitrophenol | 184 | 6.351 | 6.352 | -0.001 | 84 | 844 | 0.2000 | 0.2991 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.945 | 6.947 | -0.002 | 92 | 12252 | 0.1000 | 0.0888 | |
| 82 Hexachlorobenzene | 284 | 7.284 | 7.286 | -0.002 | 92 | 6670 | 0.1000 | 0.0960 | |
| * 87 Phenanthrene-d10 | 188 | 7.641 | 7.644 | -0.003 | 98 | 1850766 | 8.00 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.173 | 9.172 | 0.001 | 97 | 17440 | 0.1000 | 0.0861 | |
| 101 Benzo[a]anthracene | 228 | 10.109 | 10.112 | -0.003 | 97 | 21285 | 0.1000 | 0.1029 | |
| * 102 Chrysene-d12 | 240 | 10.118 | 10.118 | 0.000 | 99 | 1255402 | 8.00 | 8.00 | |
| 106 Benzo[b]fluoranthene | 252 | 11.182 | 11.182 | 0.000 | 97 | 14180 | 0.1000 | 0.0824 | |
| 107 Benzo[k]fluoranthene | 252 | 11.210 | 11.211 | -0.001 | 98 | 15197 | 0.1000 | 0.0854 | |
| 108 Benzo[a]pyrene | 252 | 11.523 | 11.524 | -0.001 | 96 | 10869 | 0.1000 | 0.0728 | |
| * 109 Perylene-d12 | 264 | 11.594 | 11.592 | 0.002 | 99 | 1219147 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.827 | 12.828 | -0.001 | 97 | 11385 | 0.1000 | 0.0734 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.875 | 12.873 | 0.002 | 98 | 12519 | 0.1000 | 0.0801 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.130 | 13.132 | -0.002 | 96 | 13147 | 0.1000 | 0.0857 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNAL1_LVI_00006 Amount Added: 1.00 Units: mL

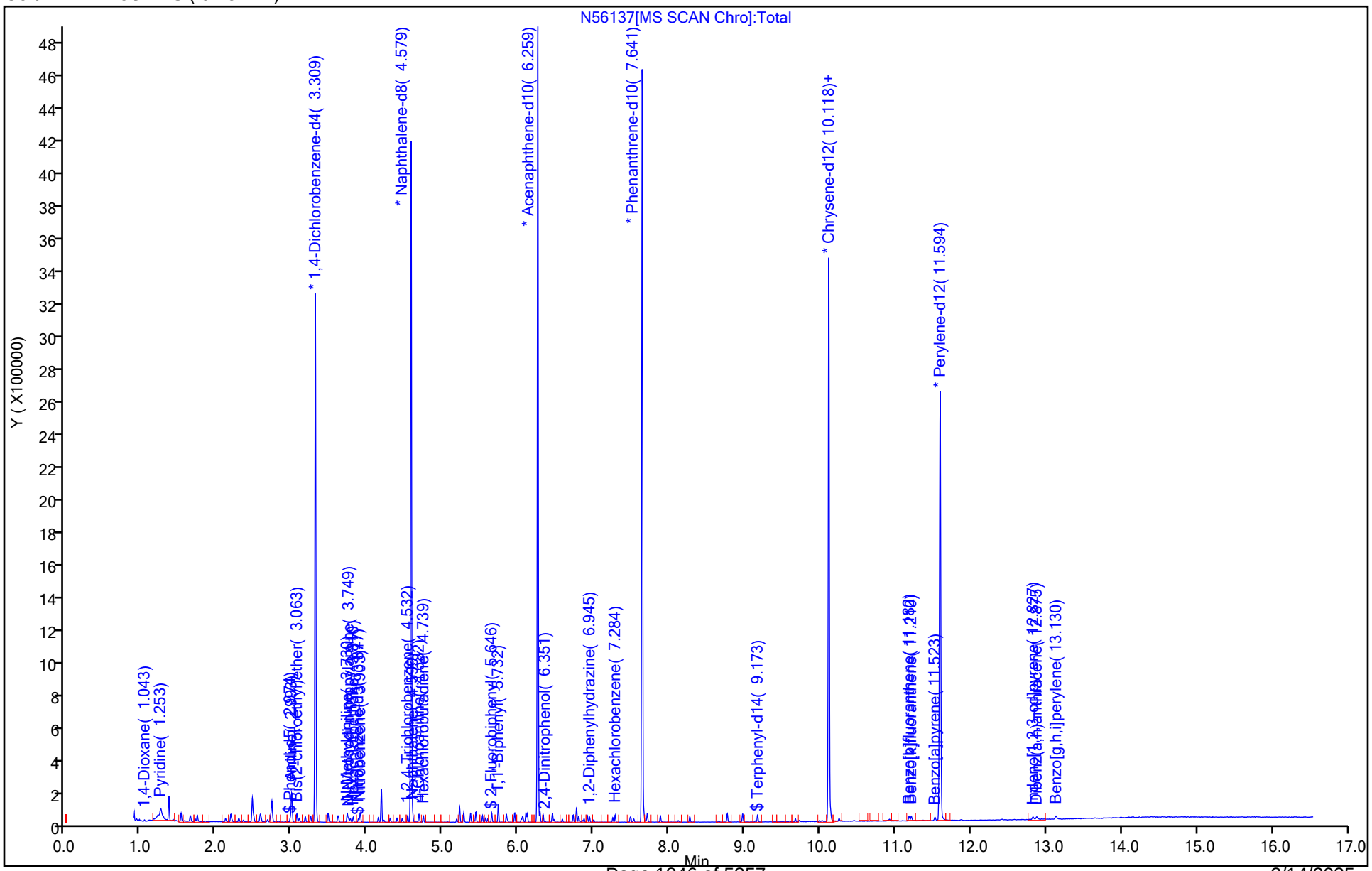
Report Date: 29-Jan-2025 14:02:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 29-Jan-2025 13:11:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | STD01 | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

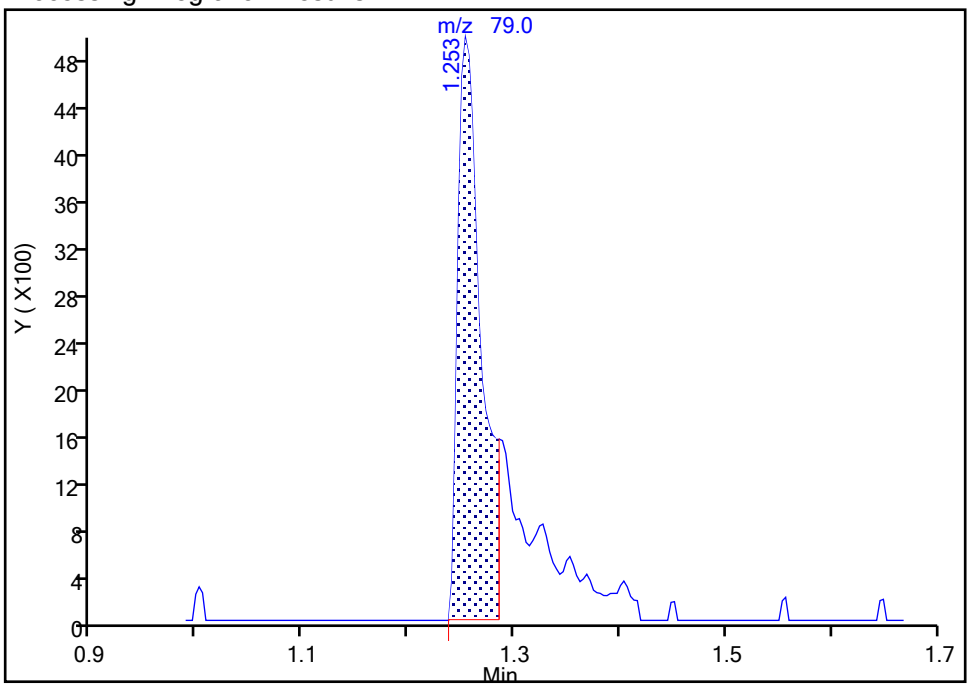
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d
Injection Date: 29-Jan-2025 13:11:30 Instrument ID: CBNAMS14
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 3 Pyridine, CAS: 110-86-1

Signal: 1

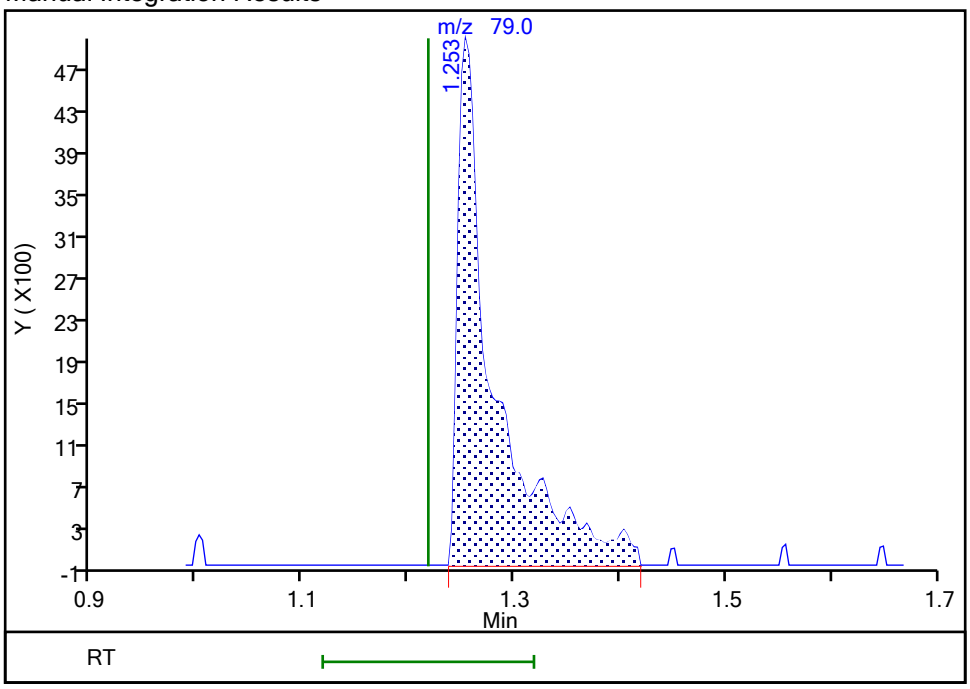
Processing Integration Results

RT: 1.25
Area: 7664
Amount: 0.109966
Amount Units: ug/ml




Manual Integration Results

RT: 1.25
Area: 11769
Amount: 0.162870
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 13:42:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

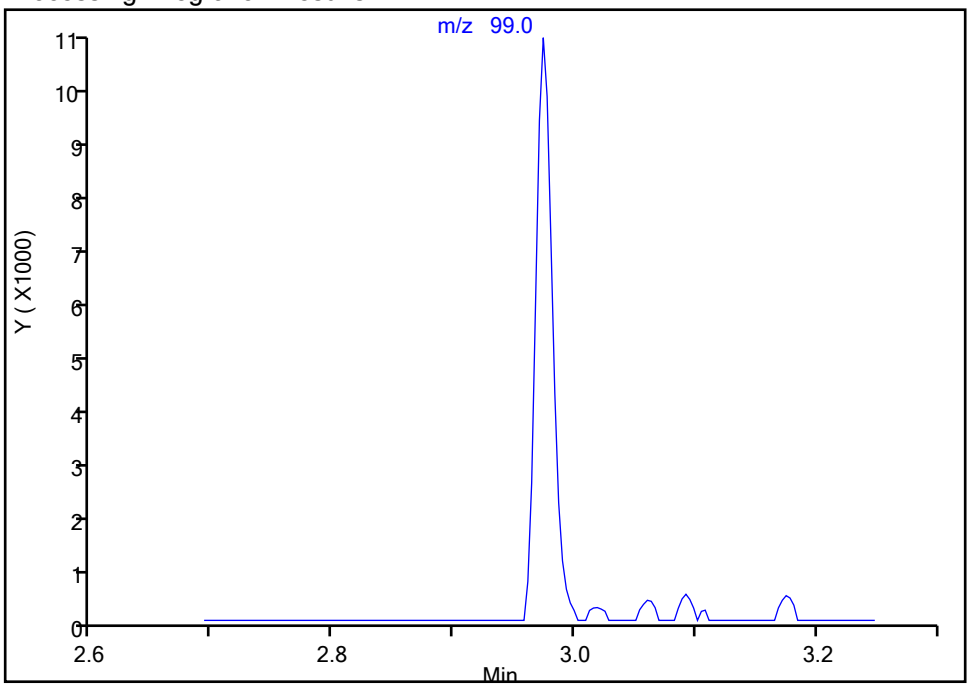
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d
Injection Date: 29-Jan-2025 13:11:30 Instrument ID: CBNAMS14
Lims ID: STD01
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## $ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

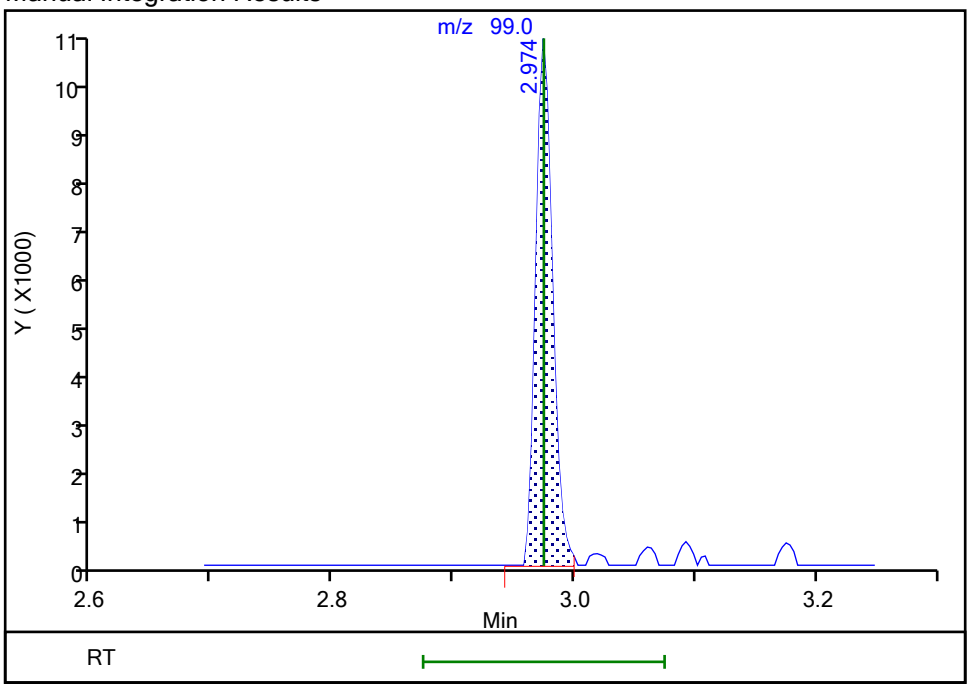
Not Detected
Expected RT: 2.97

Processing Integration Results




Manual Integration Results

RT: 2.97
Area: 9730
Amount: 0.087072
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 13:42:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

## Calibration / 1,4-Dioxane

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

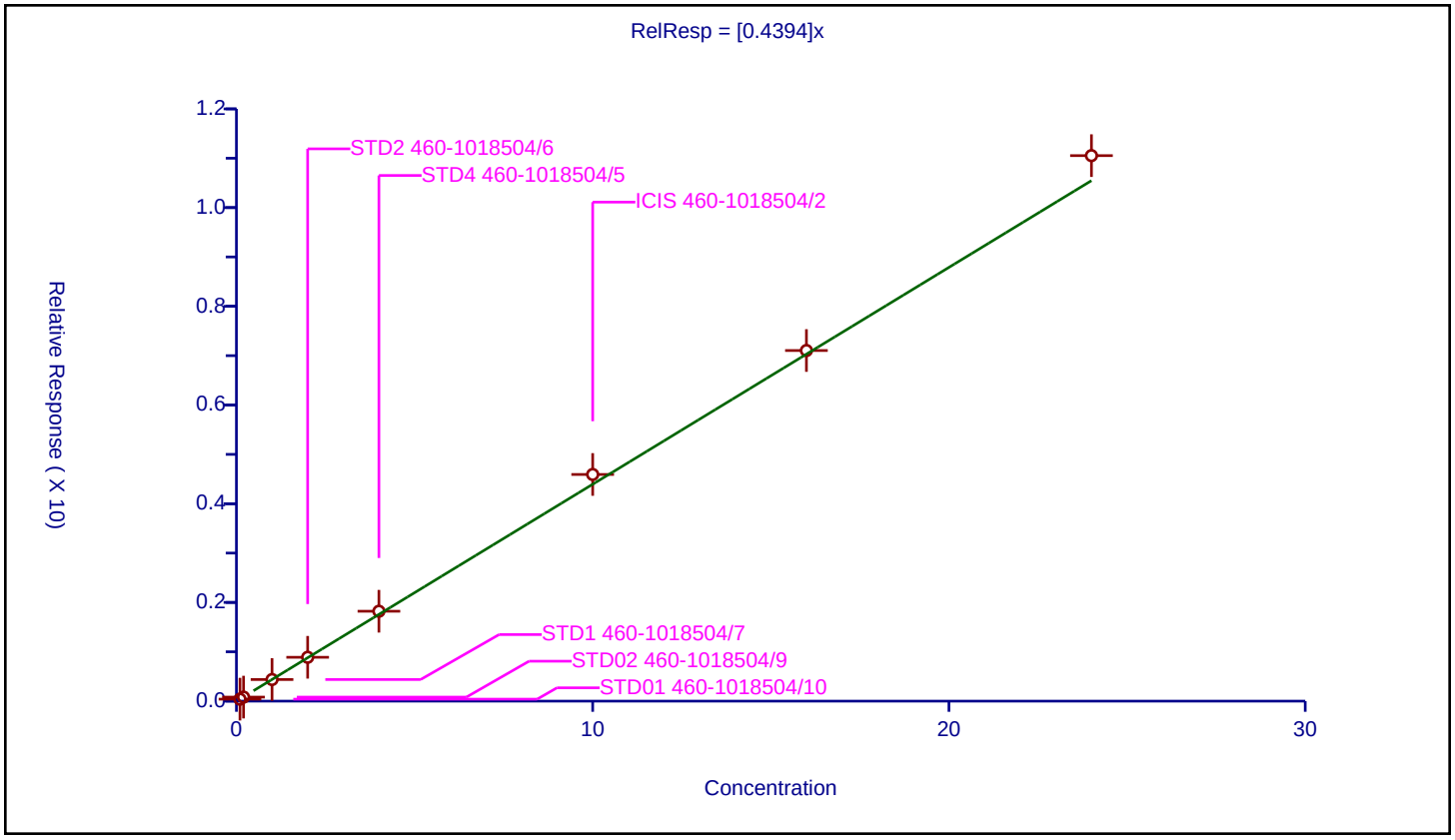
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4394 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.040439 | 8.0 | 606738.0 | 0.404392 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.082002 | 8.0 | 579790.0 | 0.410011 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.437717 | 8.0 | 623307.0 | 0.437717 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.888441 | 8.0 | 614956.0 | 0.44422 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 1.821381 | 8.0 | 557590.0 | 0.455345 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 4.592477 | 8.0 | 583523.0 | 0.459248 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 7.104047 | 8.0 | 549859.0 | 0.444003 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 11.052723 | 8.0 | 542042.0 | 0.46053 | Y |



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## Calibration / N-Nitrosodimethylamine

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

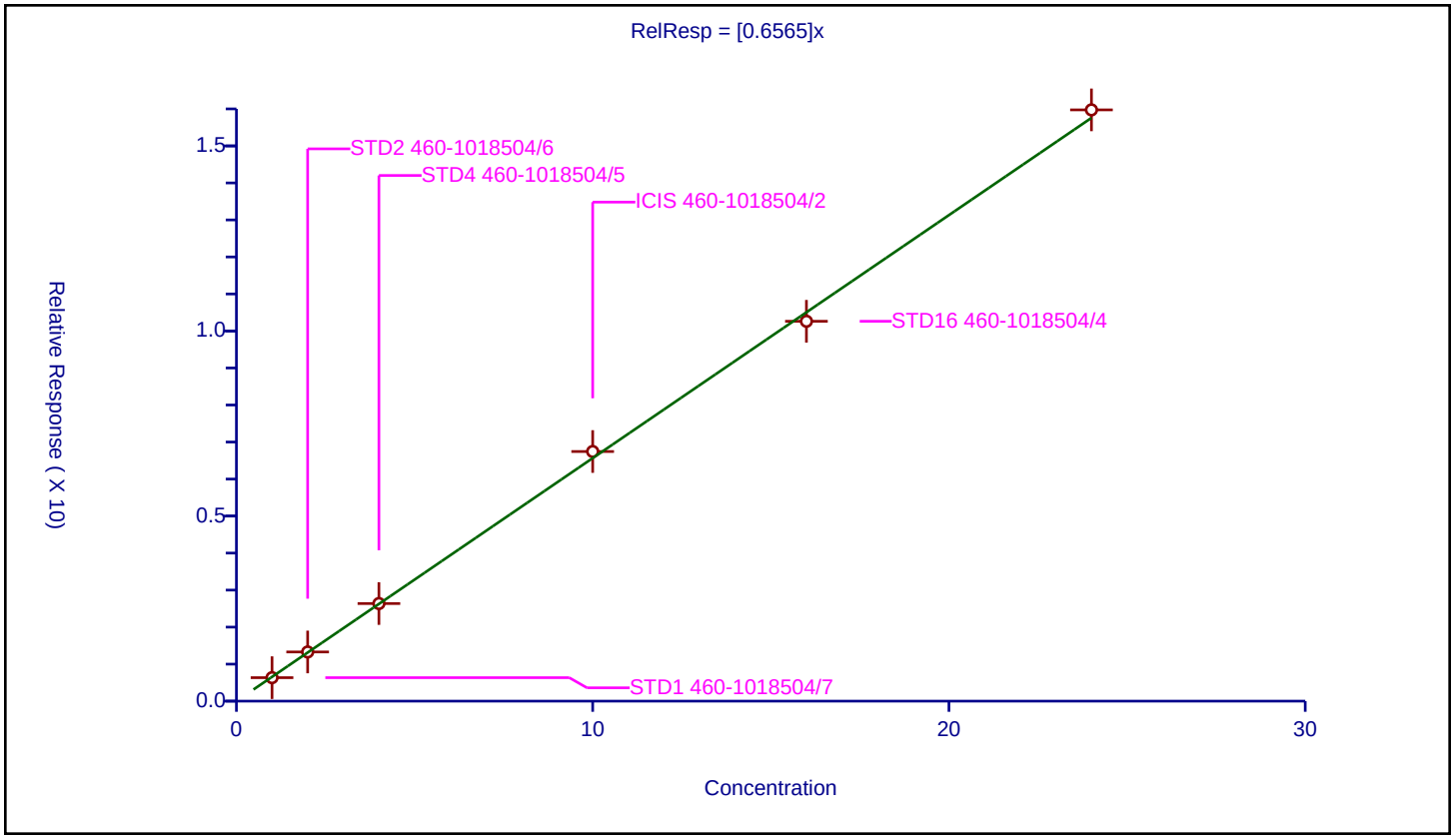
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6565 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.634564 | 8.0 | 623307.0 | 0.634564 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.328329 | 8.0 | 614956.0 | 0.664165 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.636417 | 8.0 | 557590.0 | 0.659104 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 6.743933 | 8.0 | 583523.0 | 0.674393 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 10.262733 | 8.0 | 549859.0 | 0.641421 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 15.973537 | 8.0 | 542042.0 | 0.665564 | Y |



## Calibration / Pyridine

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

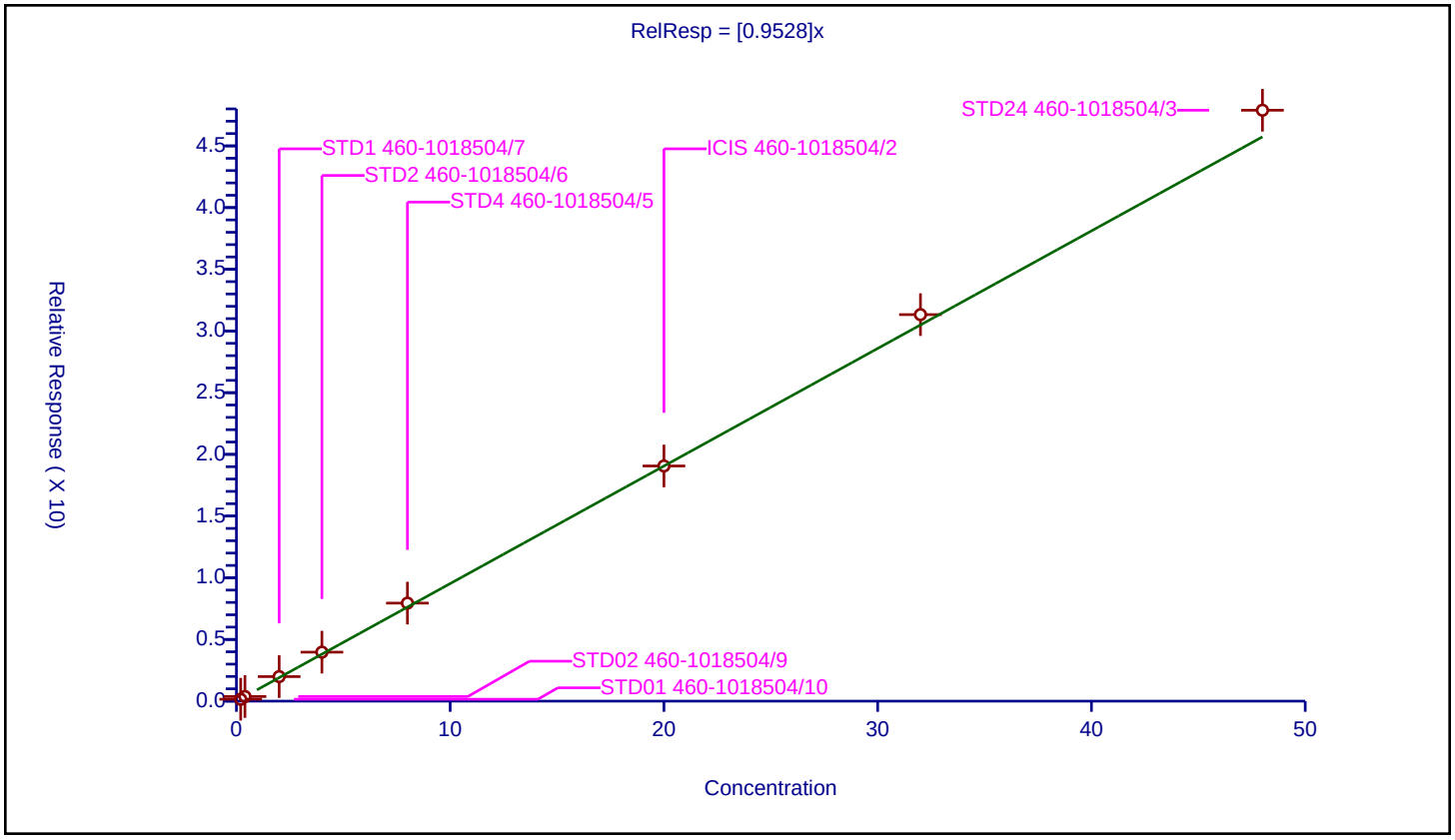
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.2 | 0.155177 | 8.0 | 606738.0 | 0.775887 | Y |
| 2 | STD02 460-1018504/9 | 0.4 | 0.374536 | 8.0 | 579790.0 | 0.936339 | Y |
| 3 | STD1 460-1018504/7 | 2.0 | 1.988709 | 8.0 | 623307.0 | 0.994354 | Y |
| 4 | STD2 460-1018504/6 | 4.0 | 3.971575 | 8.0 | 614956.0 | 0.992894 | Y |
| 5 | STD4 460-1018504/5 | 8.0 | 7.944719 | 8.0 | 557590.0 | 0.99309 | Y |
| 6 | ICIS 460-1018504/2 | 20.0 | 19.058786 | 8.0 | 583523.0 | 0.952939 | Y |
| 7 | STD16 460-1018504/4 | 32.0 | 31.326096 | 8.0 | 549859.0 | 0.978941 | Y |
| 8 | STD24 460-1018504/3 | 48.0 | 47.89006 | 8.0 | 542042.0 | 0.99771 | Y |



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## Calibration / 2-Fluorophenol

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

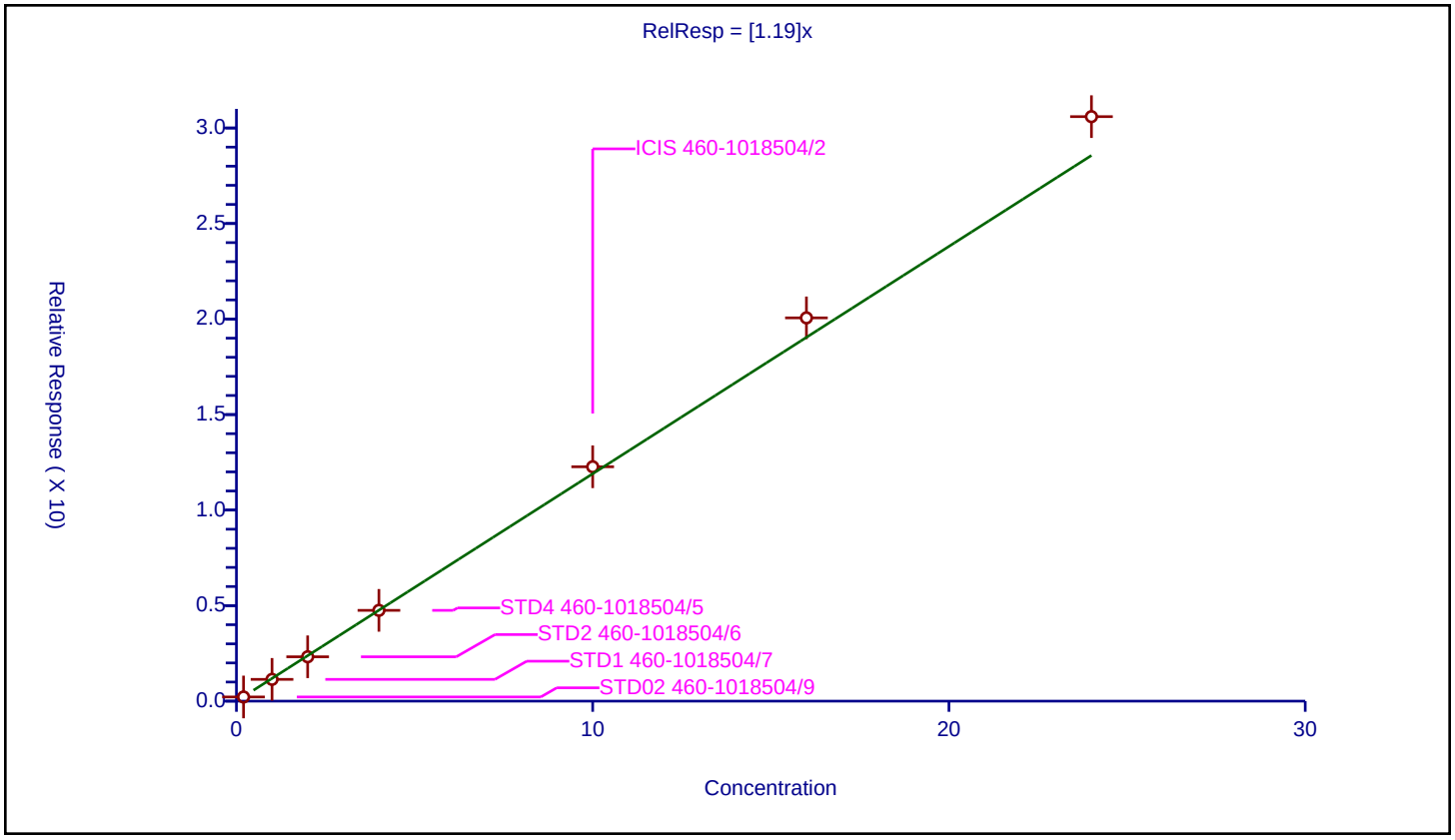
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.19 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.217513 | 8.0 | 579790.0 | 1.087566 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.139368 | 8.0 | 623307.0 | 1.139368 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 2.321688 | 8.0 | 614956.0 | 1.160844 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 4.751649 | 8.0 | 557590.0 | 1.187912 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 12.266951 | 8.0 | 583523.0 | 1.226695 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 20.061361 | 8.0 | 549859.0 | 1.253835 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 30.594574 | 8.0 | 542042.0 | 1.274774 | Y |



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## Calibration / Benzaldehyde

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

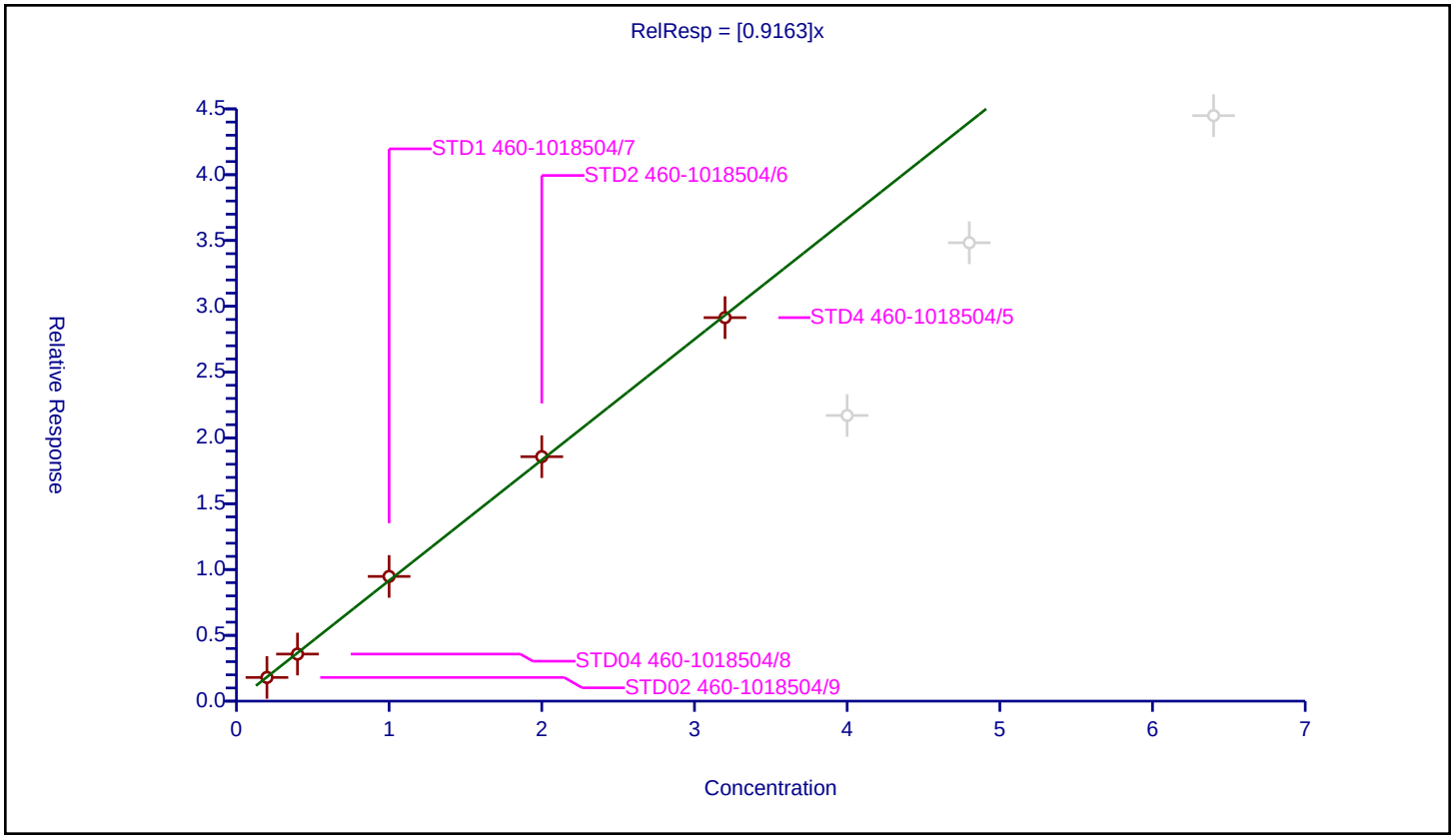
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9163 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.180051 | 8.0 | 579790.0 | 0.900257 | Y |
| 2 | STD04 460-1018504/8 | 0.4 | 0.357785 | 8.0 | 605637.0 | 0.894463 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.947565 | 8.0 | 623307.0 | 0.947565 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 1.857421 | 8.0 | 614956.0 | 0.92871 | Y |
| 5 | STD4 460-1018504/5 | 3.2 | 2.914113 | 8.0 | 557590.0 | 0.91066 | Y |
| 6 | ICIS 460-1018504/2 | 4.0 | 2.170677 | 8.0 | 583523.0 | 0.542669 | N |
| 7 | STD16 460-1018504/4 | 4.8 | 3.482857 | 8.0 | 549859.0 | 0.725595 | N |
| 8 | STD24 460-1018504/3 | 6.4 | 4.448851 | 8.0 | 542042.0 | 0.695133 | N |



## Calibration / Phenol-d5

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

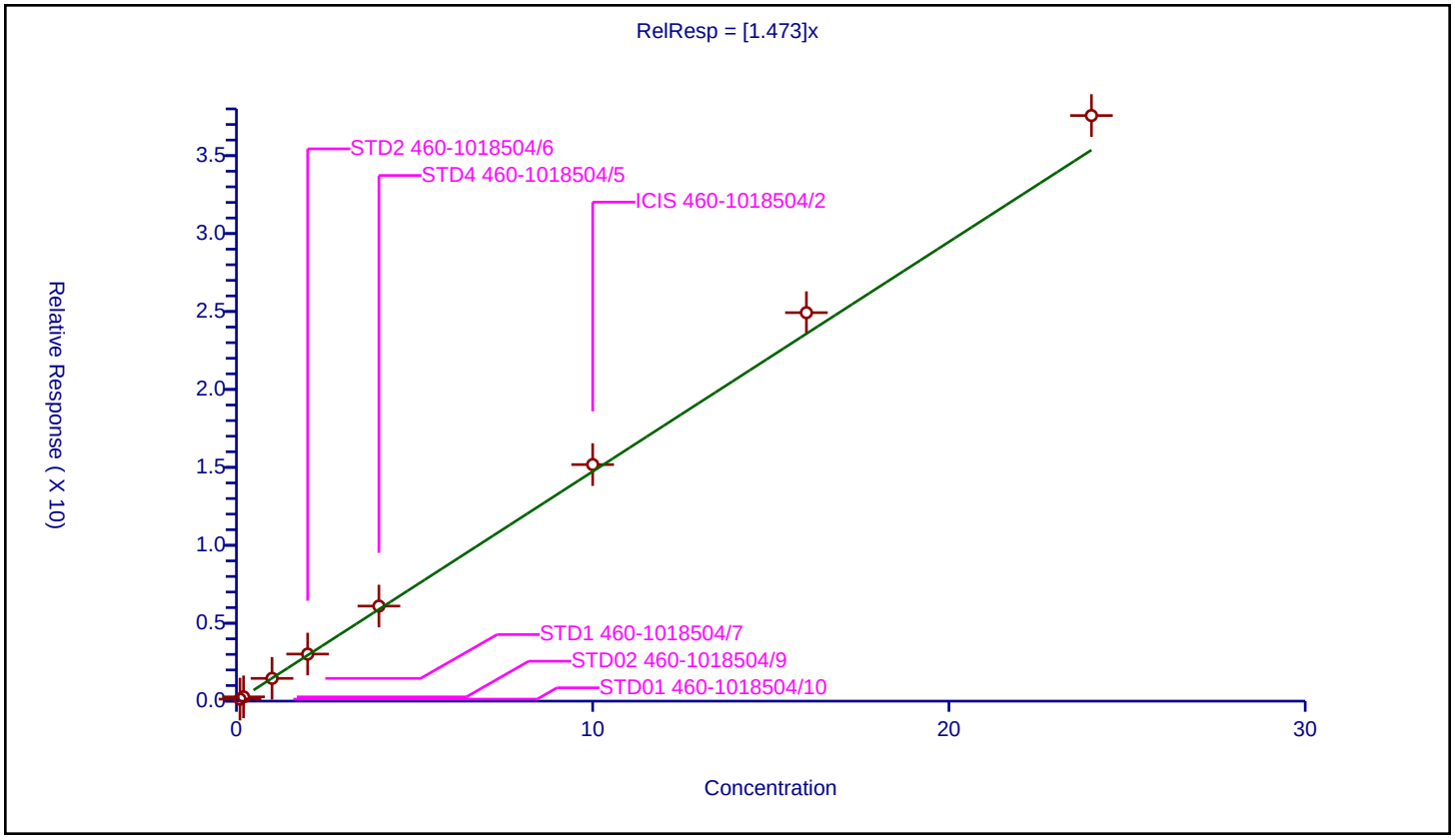
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.473 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.128293 | 8.0 | 606738.0 | 1.282926 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.273437 | 8.0 | 579790.0 | 1.367185 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.460635 | 8.0 | 623307.0 | 1.460635 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.020795 | 8.0 | 614956.0 | 1.510397 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 6.100382 | 8.0 | 557590.0 | 1.525096 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 15.176821 | 8.0 | 583523.0 | 1.517682 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 24.924688 | 8.0 | 549859.0 | 1.557793 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 37.572646 | 8.0 | 542042.0 | 1.565527 | Y |



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## Calibration / Aniline

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

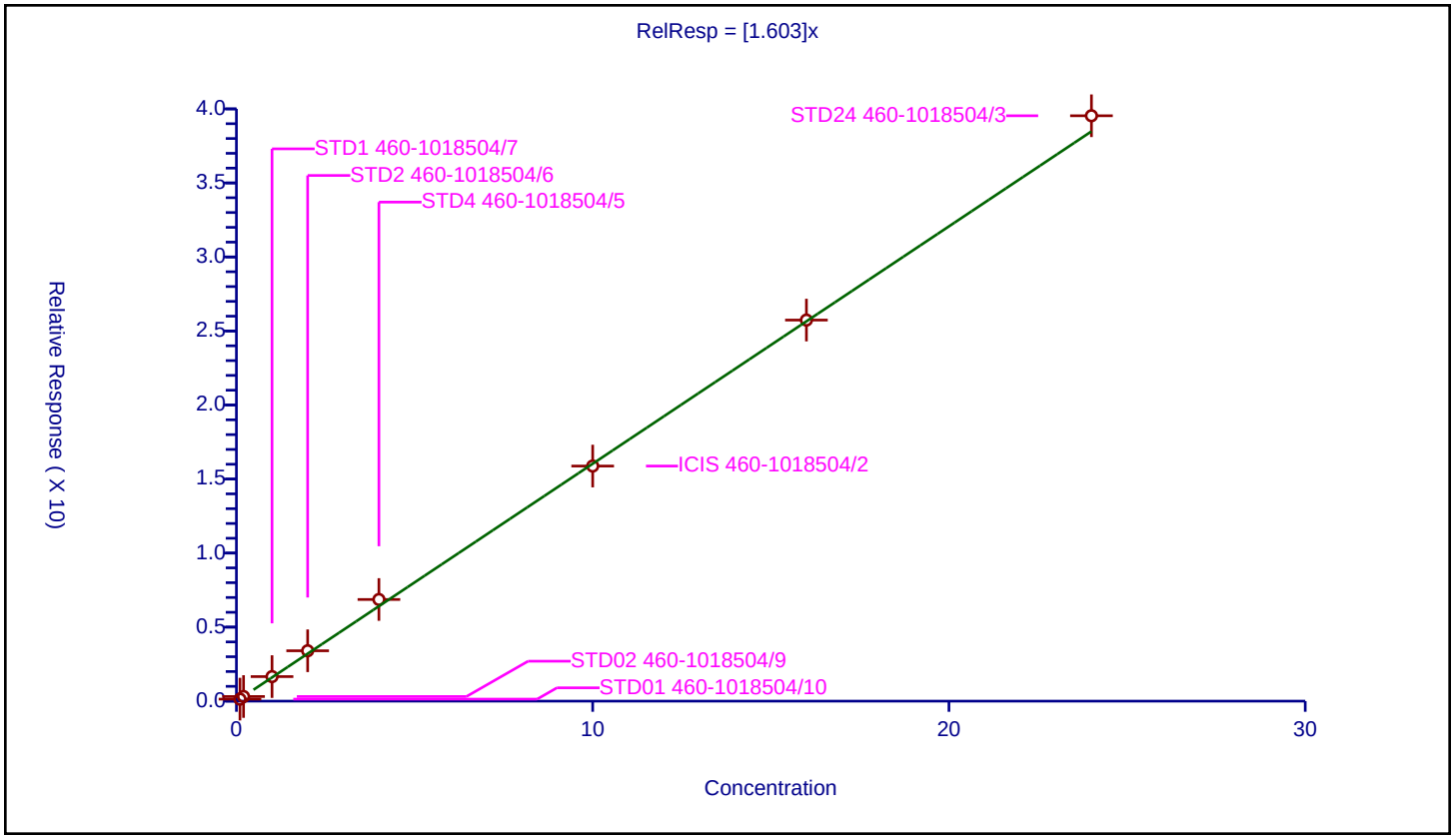
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.603 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.134991 | 8.0 | 606738.0 | 1.349907 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.311464 | 8.0 | 579790.0 | 1.557322 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.657815 | 8.0 | 623307.0 | 1.657815 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.403248 | 8.0 | 614956.0 | 1.701624 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 6.864671 | 8.0 | 557590.0 | 1.716168 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 15.877722 | 8.0 | 583523.0 | 1.587772 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 25.737725 | 8.0 | 549859.0 | 1.608608 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 39.536184 | 8.0 | 542042.0 | 1.647341 | Y |



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## Calibration / Phenol

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

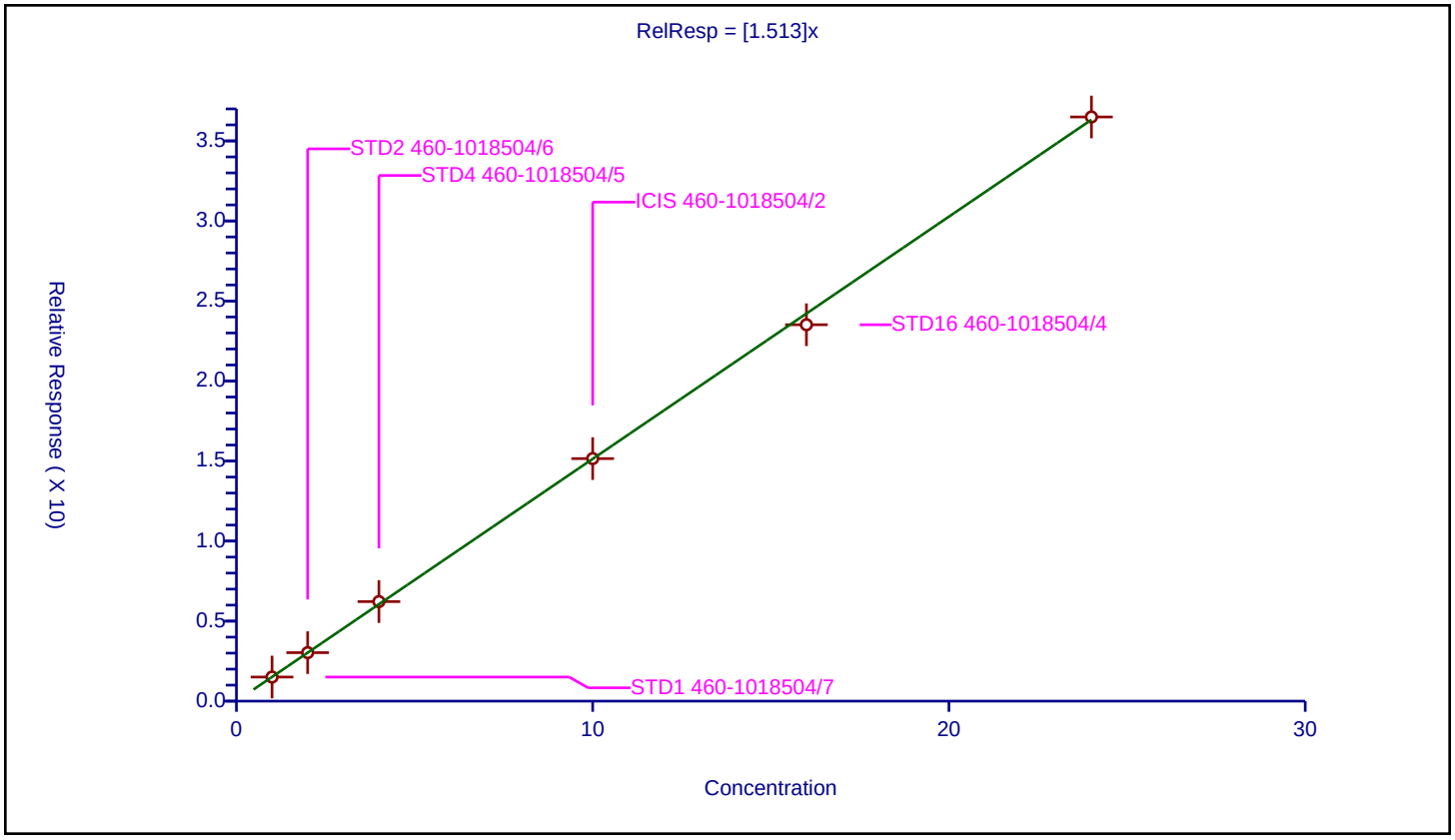
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.513 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.50512 | 8.0 | 623307.0 | 1.50512 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 3.029849 | 8.0 | 614956.0 | 1.514925 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 6.219724 | 8.0 | 557590.0 | 1.554931 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 15.153034 | 8.0 | 583523.0 | 1.515303 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 23.515105 | 8.0 | 549859.0 | 1.469694 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 36.49546 | 8.0 | 542042.0 | 1.520644 | Y |



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

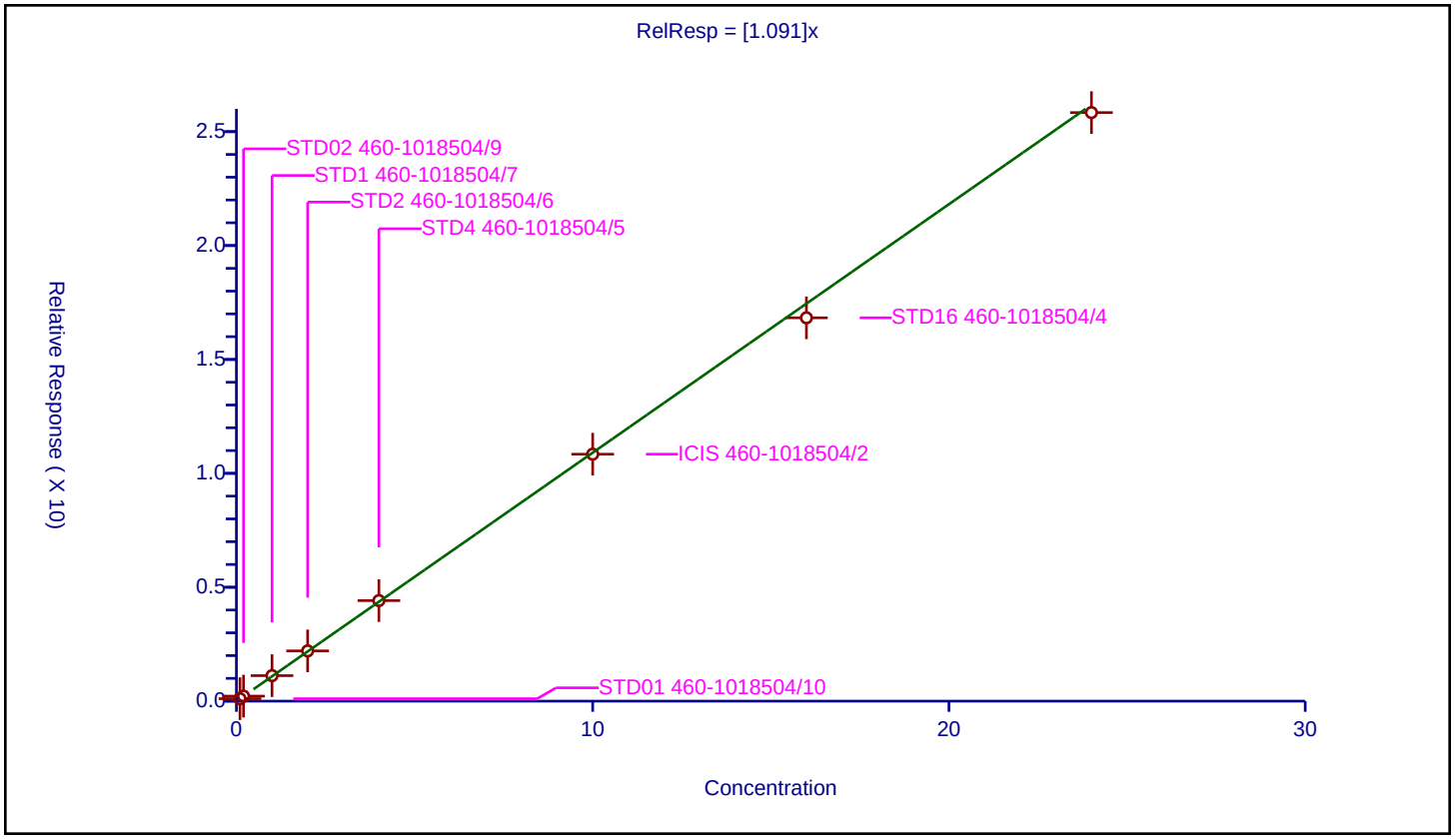
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.091 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.108594 | 8.0 | 606738.0 | 1.085938 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.220273 | 8.0 | 579790.0 | 1.101364 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.119654 | 8.0 | 623307.0 | 1.119654 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.205257 | 8.0 | 614956.0 | 1.102628 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.414871 | 8.0 | 557590.0 | 1.103718 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 10.840882 | 8.0 | 583523.0 | 1.084088 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 16.828154 | 8.0 | 549859.0 | 1.05176 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 25.838027 | 8.0 | 542042.0 | 1.076584 | Y |



## Calibration / 2-Chlorophenol

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

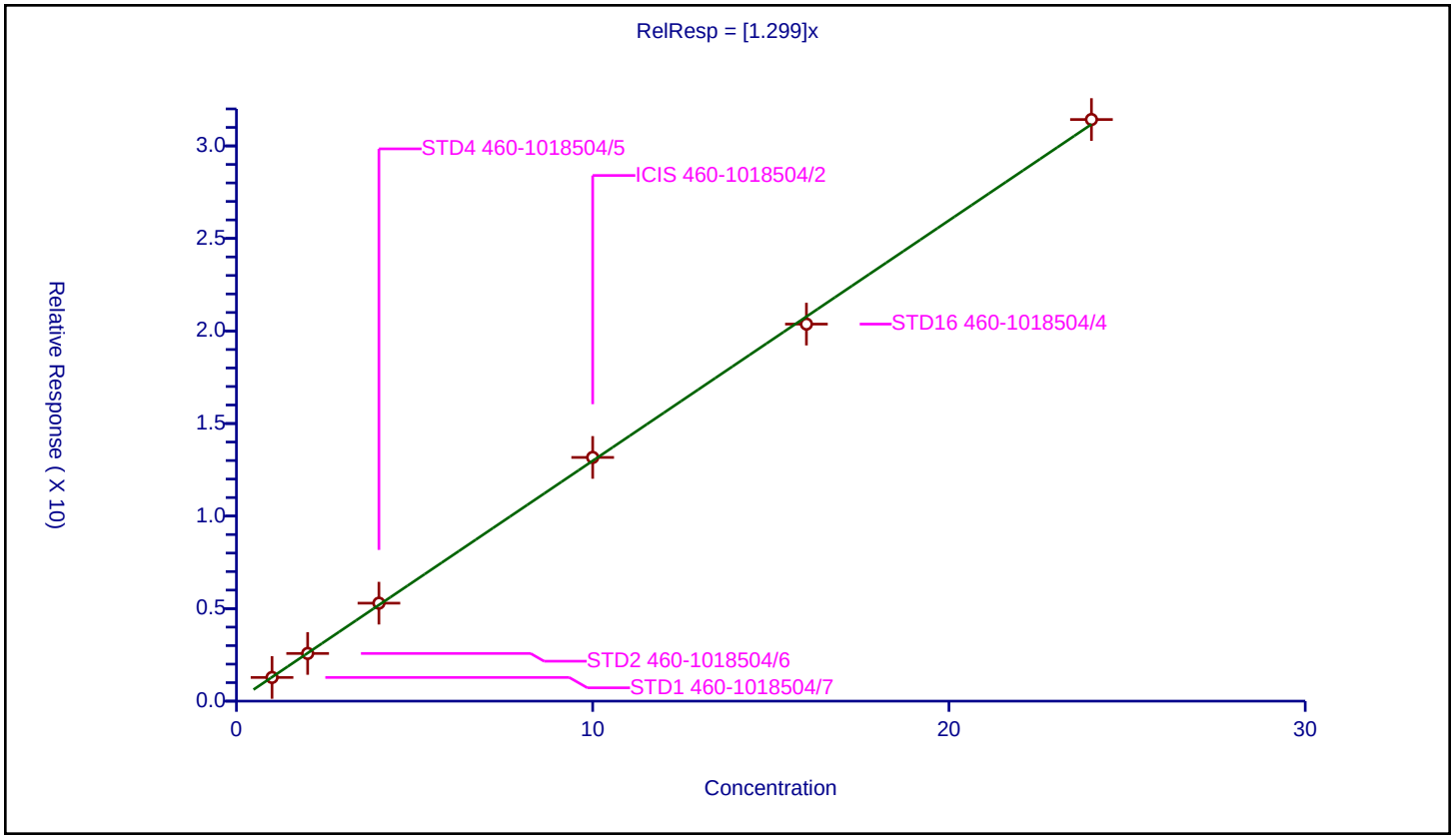
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.299 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.280178 | 8.0 | 623307.0 | 1.280178 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.5769 | 8.0 | 614956.0 | 1.28845 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 5.294012 | 8.0 | 557590.0 | 1.323503 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 13.168166 | 8.0 | 583523.0 | 1.316817 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 20.372277 | 8.0 | 549859.0 | 1.273267 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 31.425181 | 8.0 | 542042.0 | 1.309383 | Y |



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## Calibration / n-Decane

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

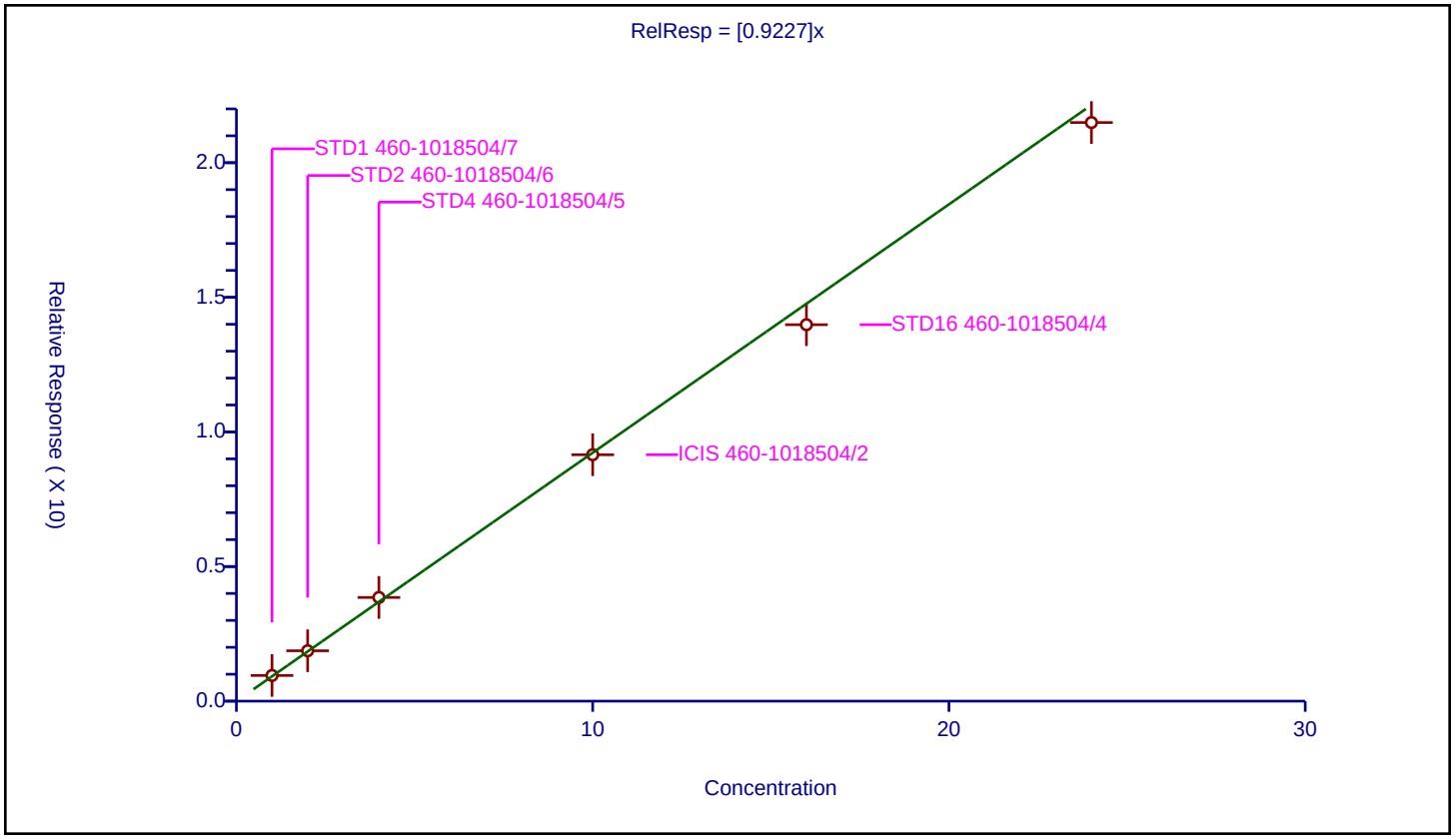
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9227 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.952763 | 8.0 | 623307.0 | 0.952763 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.871054 | 8.0 | 614956.0 | 0.935527 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 3.851518 | 8.0 | 557590.0 | 0.96288 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 9.152722 | 8.0 | 583523.0 | 0.915272 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 13.983178 | 8.0 | 549859.0 | 0.873949 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 21.493877 | 8.0 | 542042.0 | 0.895578 | Y |



## Calibration / 1,3-Dichlorobenzene

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

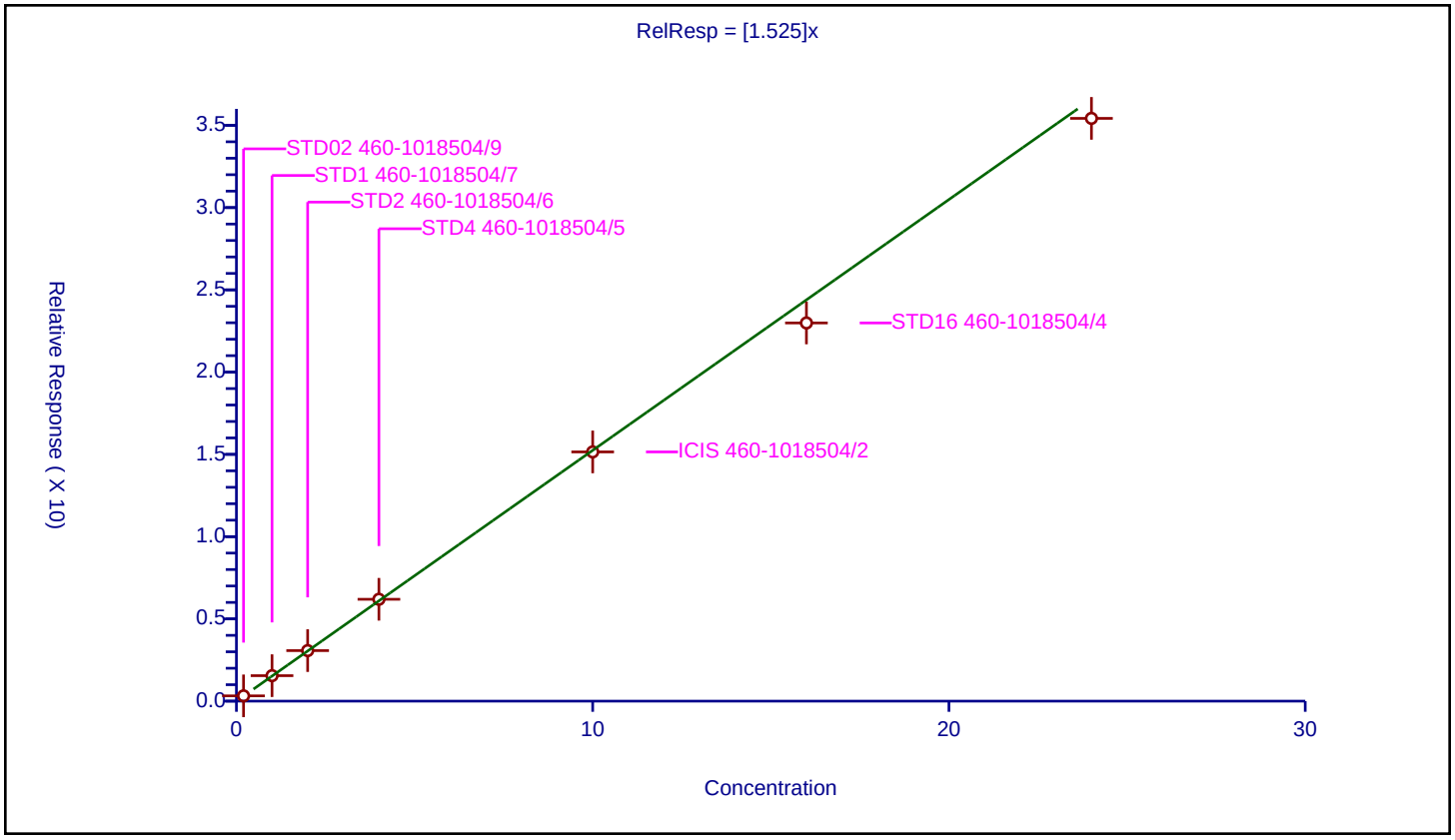
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.525 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.322158 | 8.0 | 579790.0 | 1.61079 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.549233 | 8.0 | 623307.0 | 1.549233 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 3.071882 | 8.0 | 614956.0 | 1.535941 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 6.19179 | 8.0 | 557590.0 | 1.547947 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 15.149552 | 8.0 | 583523.0 | 1.514955 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 22.988133 | 8.0 | 549859.0 | 1.436758 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 35.42338 | 8.0 | 542042.0 | 1.475974 | Y |



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## Calibration / 1,4-Dichlorobenzene

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

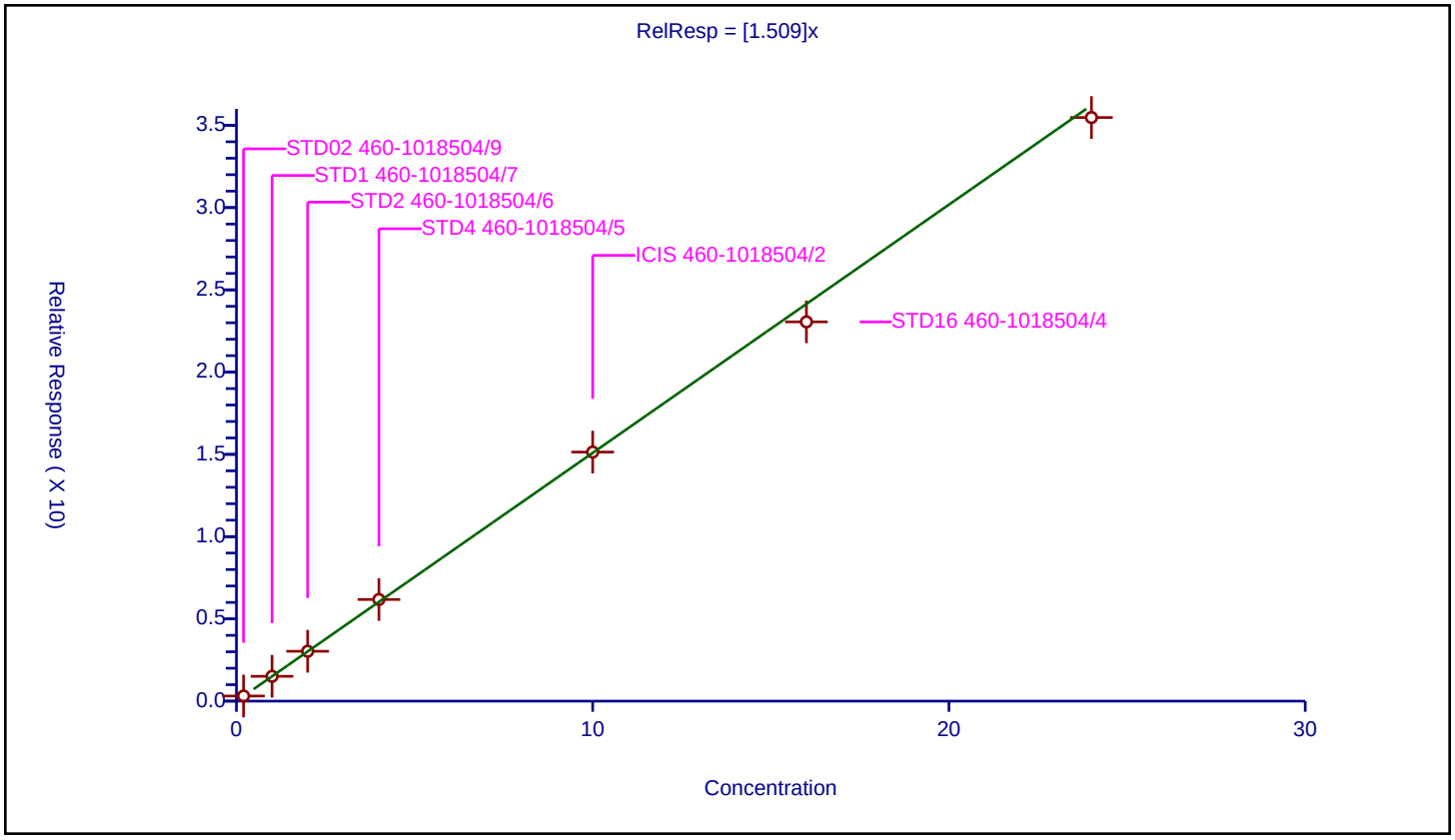
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.509 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.311906 | 8.0 | 579790.0 | 1.55953 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.509741 | 8.0 | 623307.0 | 1.509741 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 3.031762 | 8.0 | 614956.0 | 1.515881 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 6.178346 | 8.0 | 557590.0 | 1.544587 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 15.139969 | 8.0 | 583523.0 | 1.513997 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 23.055394 | 8.0 | 549859.0 | 1.440962 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 35.474875 | 8.0 | 542042.0 | 1.47812 | Y |



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## Calibration / Benzyl alcohol

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

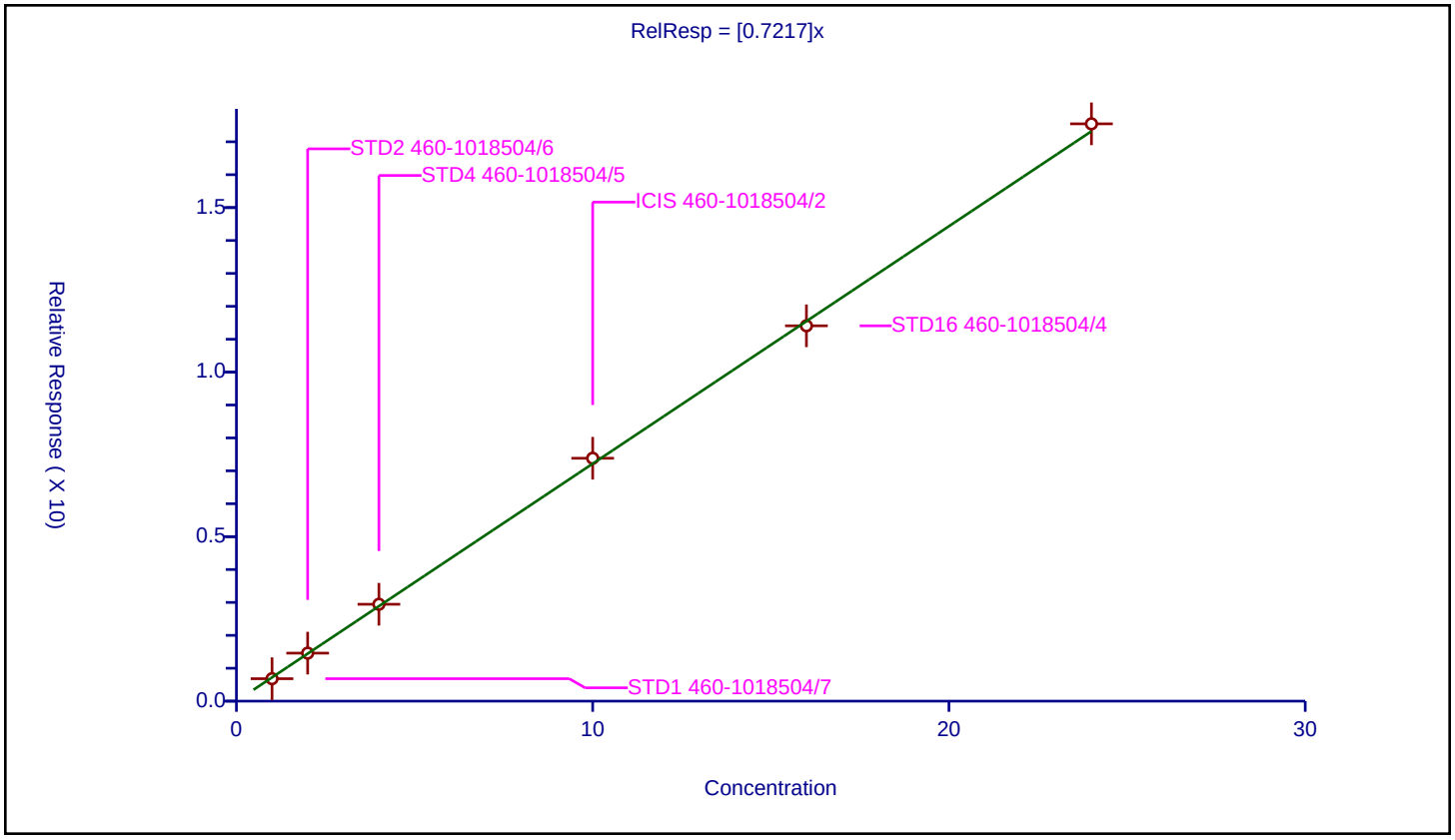
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7217 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.682142 | 8.0 | 623307.0 | 0.682142 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.459382 | 8.0 | 614956.0 | 0.729691 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.944185 | 8.0 | 557590.0 | 0.736046 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 7.381742 | 8.0 | 583523.0 | 0.738174 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 11.40739 | 8.0 | 549859.0 | 0.712962 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 17.545548 | 8.0 | 542042.0 | 0.731065 | Y |



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## Calibration / 1,2-Dichlorobenzene

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

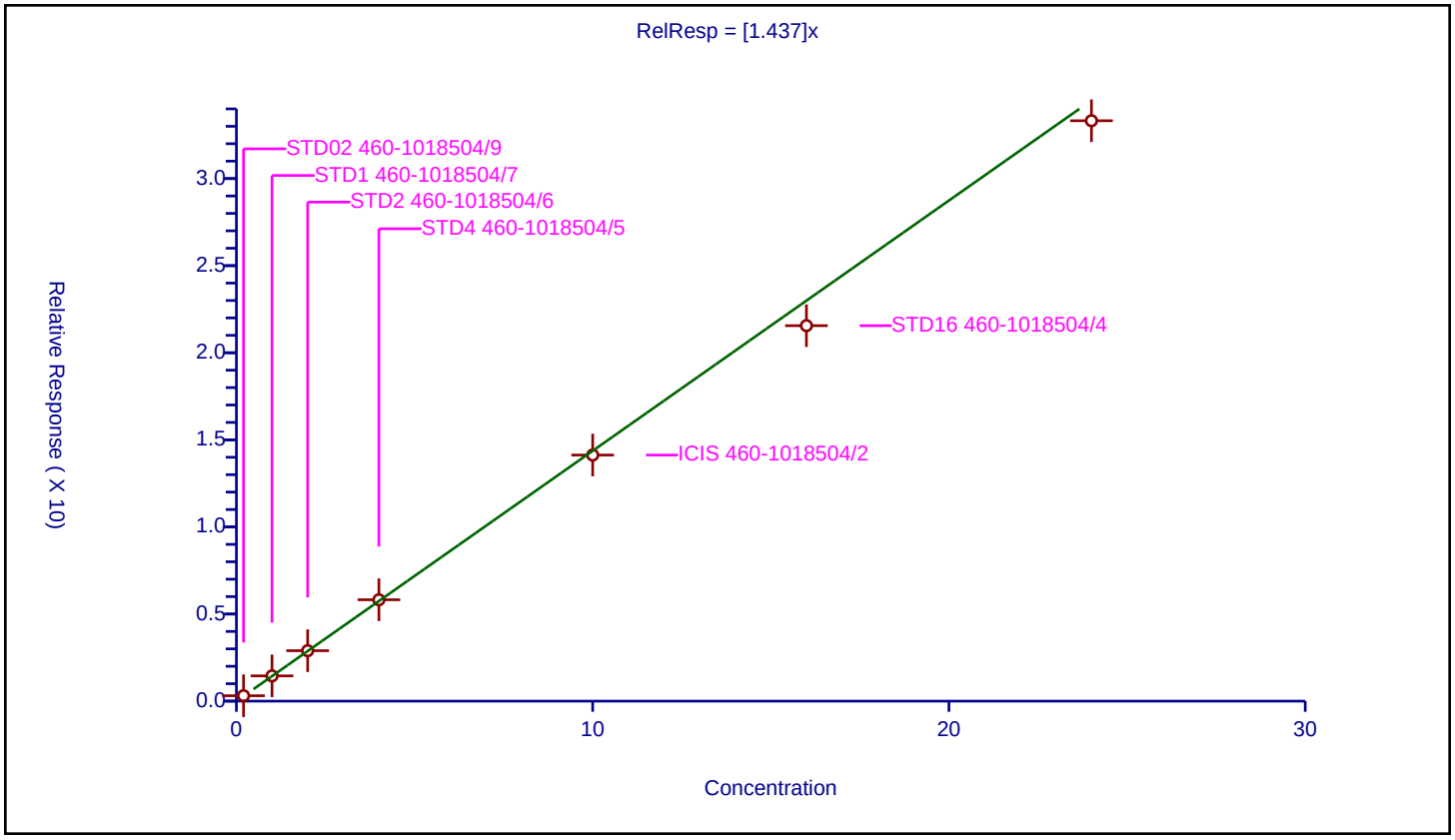
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.311258 | 8.0 | 579790.0 | 1.556288 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.451022 | 8.0 | 623307.0 | 1.451022 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 2.896389 | 8.0 | 614956.0 | 1.448195 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 5.81943 | 8.0 | 557590.0 | 1.454858 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 14.128046 | 8.0 | 583523.0 | 1.412805 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 21.555722 | 8.0 | 549859.0 | 1.347233 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 33.320296 | 8.0 | 542042.0 | 1.388346 | Y |



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## Calibration / 2-Methylphenol

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

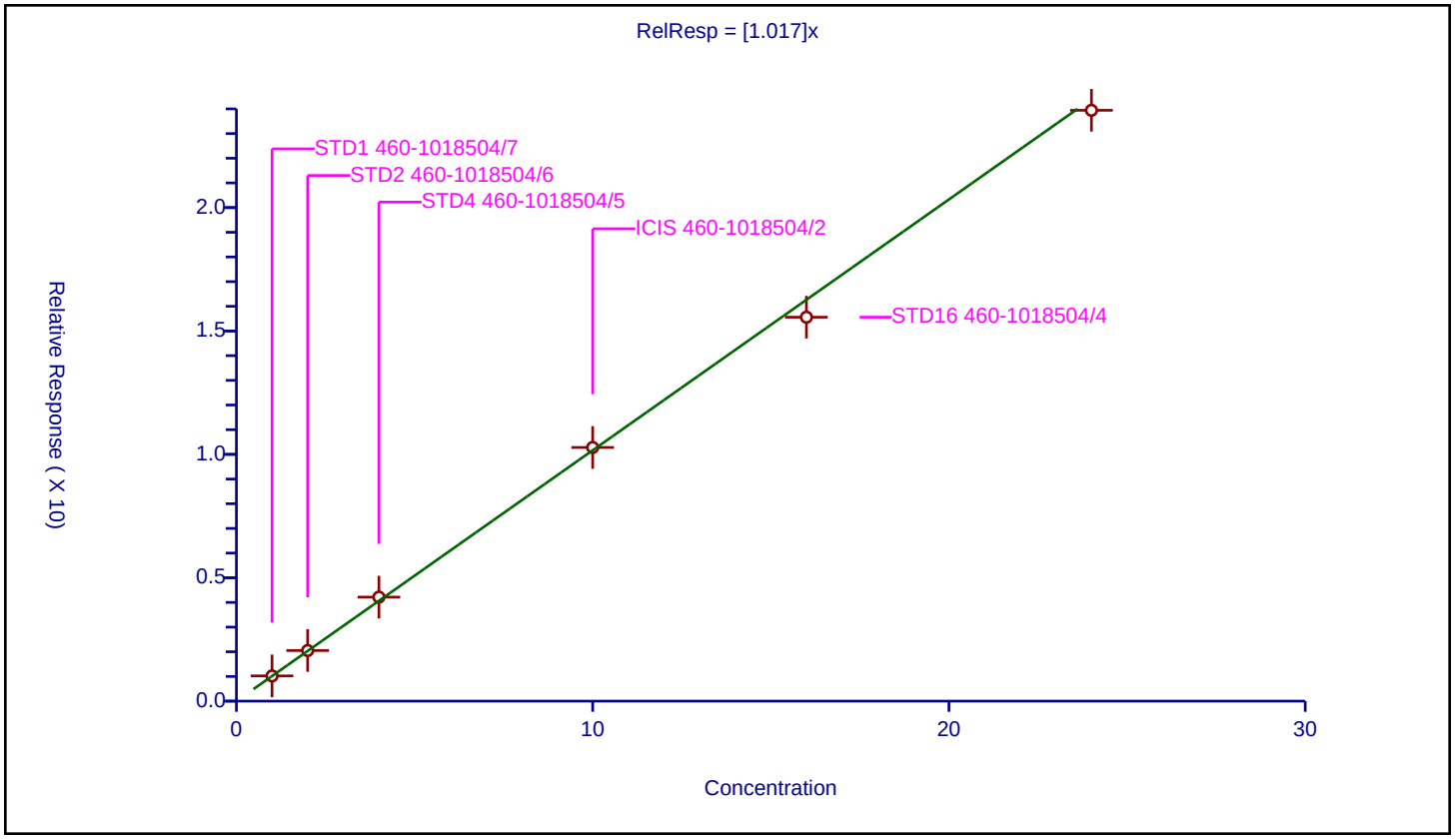
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.017 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.022097 | 8.0 | 623307.0 | 1.022097 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.050787 | 8.0 | 614956.0 | 1.025394 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.215413 | 8.0 | 557590.0 | 1.053853 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.279369 | 8.0 | 583523.0 | 1.027937 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 15.558956 | 8.0 | 549859.0 | 0.972435 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 23.942484 | 8.0 | 542042.0 | 0.997604 | Y |



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## Calibration / 2,2'-oxybis[1-chloropropane]

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

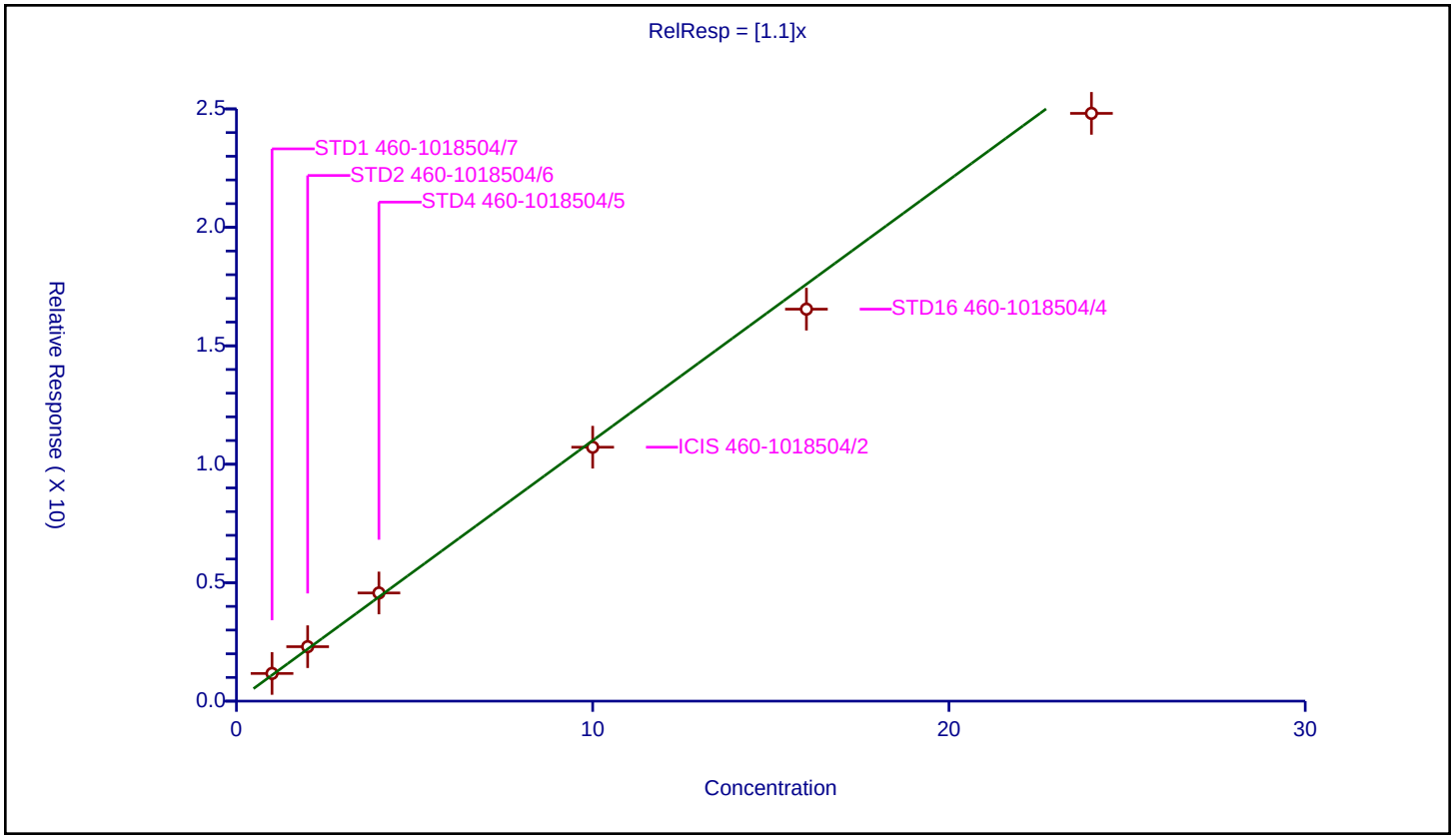
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.1 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.169068 | 8.0 | 623307.0 | 1.169068 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.29887 | 8.0 | 614956.0 | 1.149435 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.566266 | 8.0 | 557590.0 | 1.141566 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.719715 | 8.0 | 583523.0 | 1.071971 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 16.546089 | 8.0 | 549859.0 | 1.034131 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 24.810594 | 8.0 | 542042.0 | 1.033775 | Y |



## Calibration / N-Methylaniline

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

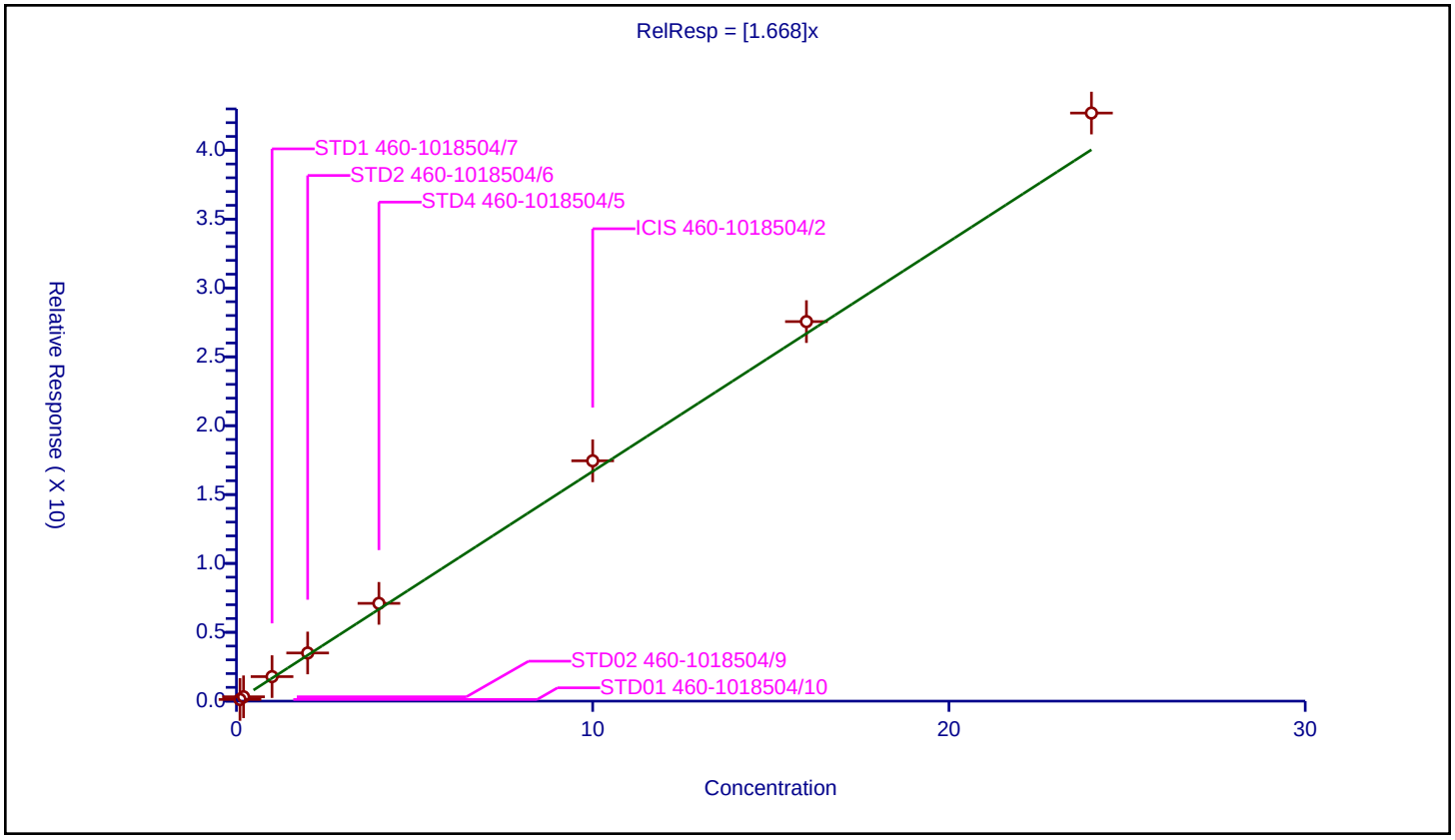
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.668 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.12174 | 8.0 | 606738.0 | 1.217395 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.315645 | 8.0 | 579790.0 | 1.578227 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.780002 | 8.0 | 623307.0 | 1.780002 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.496263 | 8.0 | 614956.0 | 1.748132 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 7.099711 | 8.0 | 557590.0 | 1.774928 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 17.44869 | 8.0 | 583523.0 | 1.744869 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 27.557596 | 8.0 | 549859.0 | 1.72235 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 42.699038 | 8.0 | 542042.0 | 1.779127 | Y |



## Calibration / Acetophenone

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

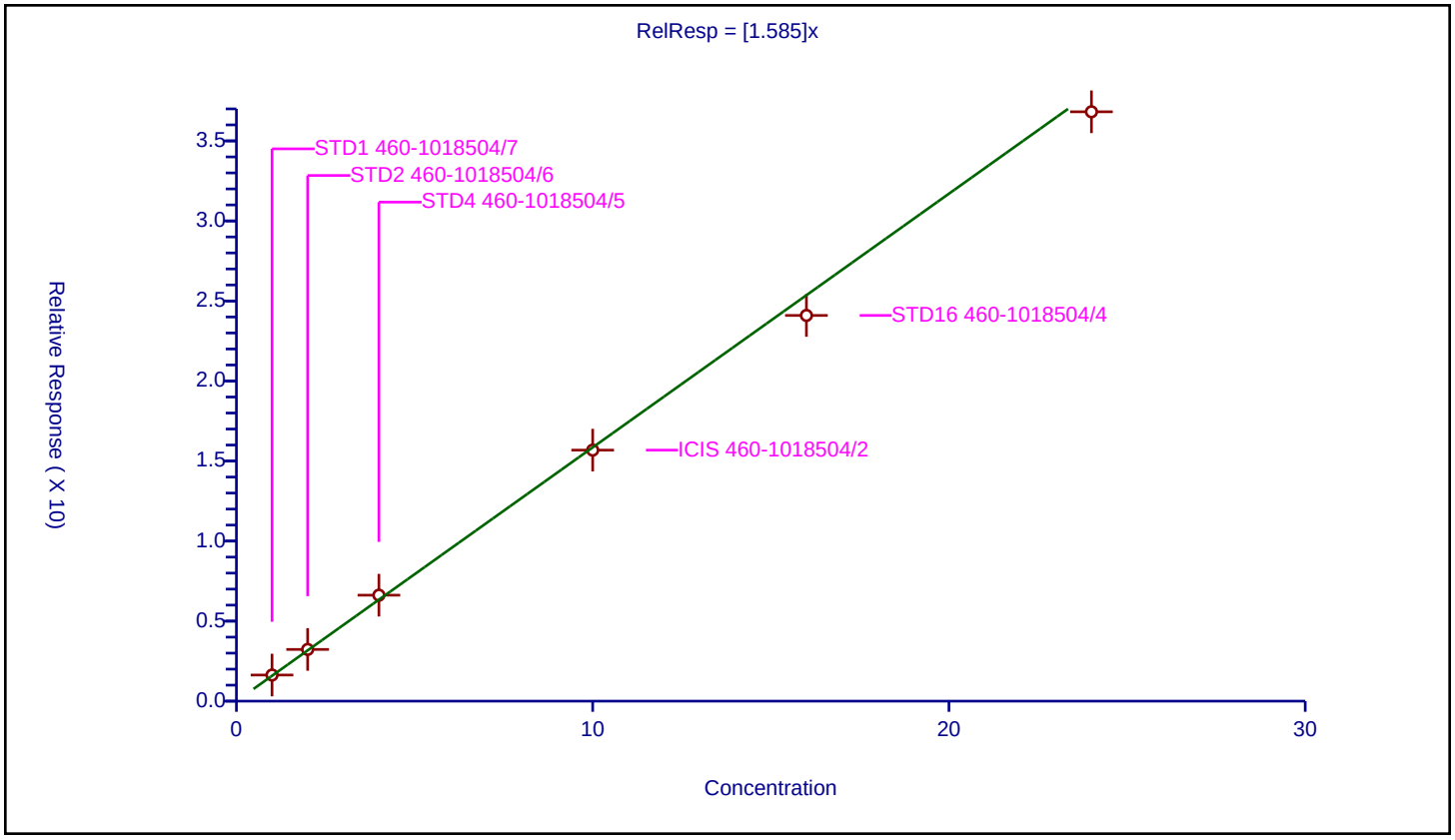
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.585 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.631864 | 8.0 | 623307.0 | 1.631864 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 3.231112 | 8.0 | 614956.0 | 1.615556 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 6.619186 | 8.0 | 557590.0 | 1.654797 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 15.68089 | 8.0 | 583523.0 | 1.568089 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 24.096476 | 8.0 | 549859.0 | 1.50603 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 36.819199 | 8.0 | 542042.0 | 1.534133 | Y |



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## Calibration / N-Nitrosodi-n-propylamine

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

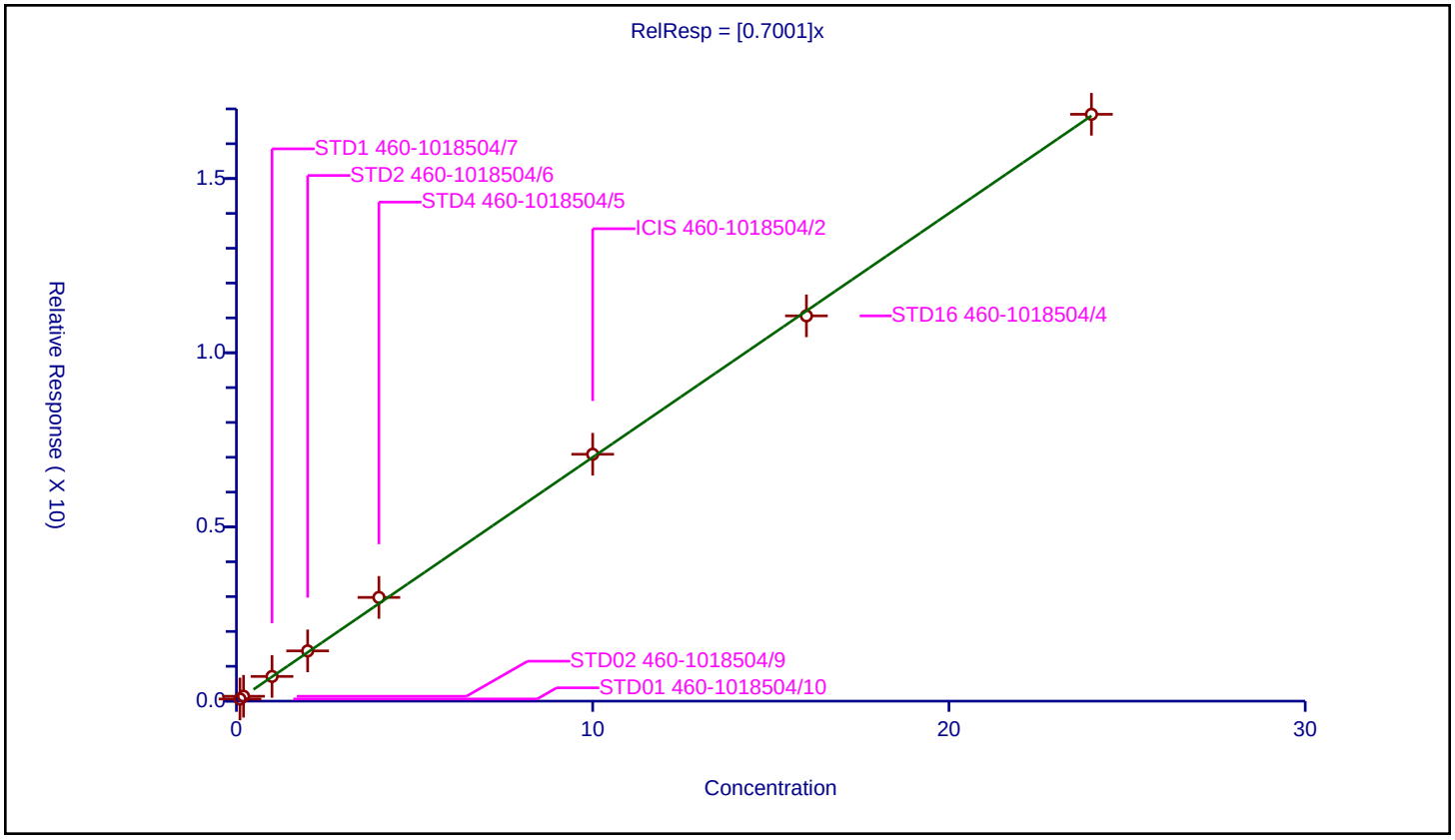
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.062393 | 8.0 | 606738.0 | 0.623927 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.140009 | 8.0 | 579790.0 | 0.700047 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.709403 | 8.0 | 623307.0 | 0.709403 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 1.442263 | 8.0 | 614956.0 | 0.721131 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 2.977457 | 8.0 | 557590.0 | 0.744364 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 7.086363 | 8.0 | 583523.0 | 0.708636 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 11.059403 | 8.0 | 549859.0 | 0.691213 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 16.844761 | 8.0 | 542042.0 | 0.701865 | Y |



## Calibration

## / 3 & 4 Methylphenol

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

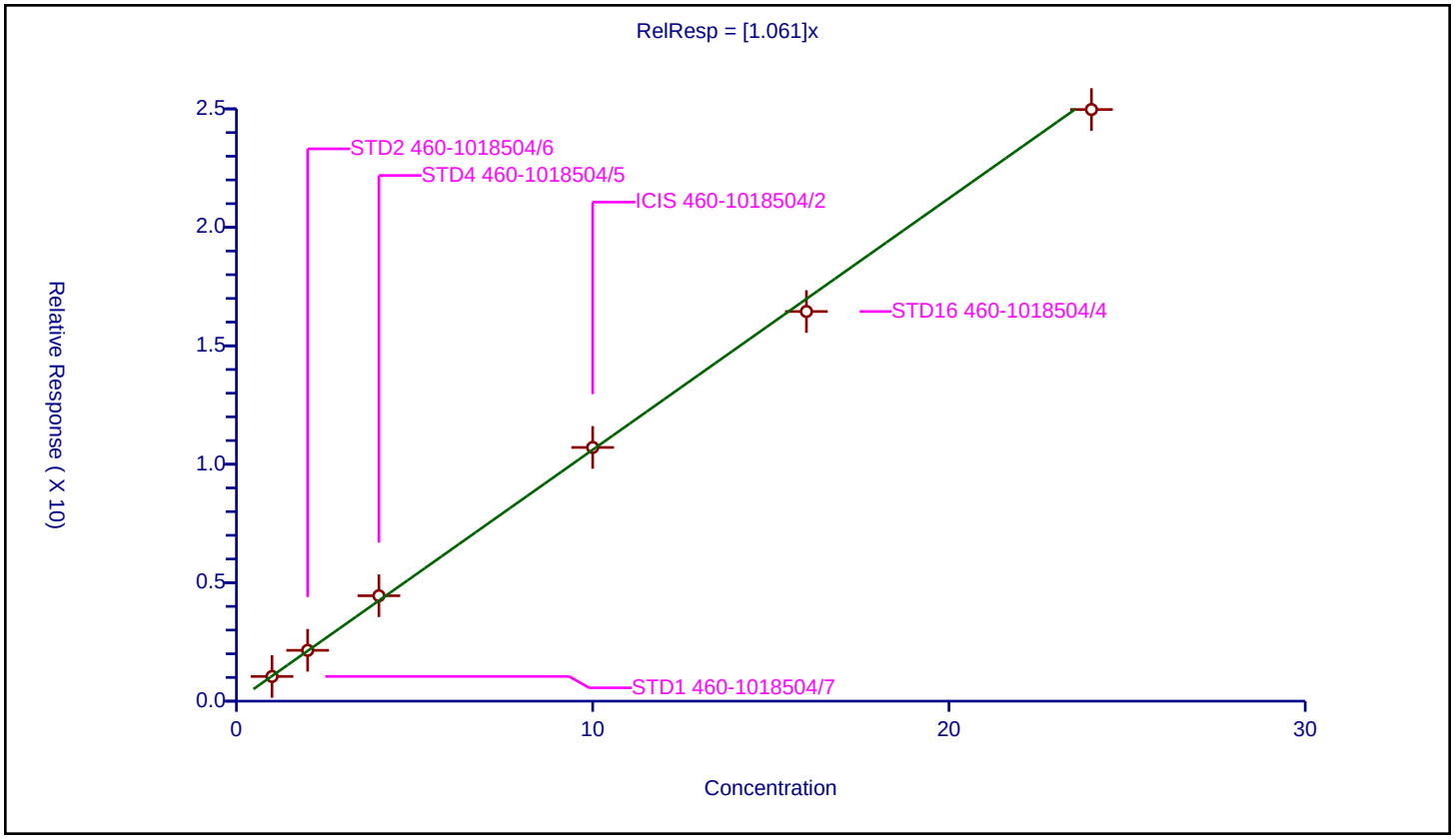
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.061 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.042376 | 8.0 | 623307.0 | 1.042376 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.14617 | 8.0 | 614956.0 | 1.073085 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.449362 | 8.0 | 557590.0 | 1.112341 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.70972 | 8.0 | 583523.0 | 1.070972 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 16.447649 | 8.0 | 549859.0 | 1.027978 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 24.973415 | 8.0 | 542042.0 | 1.040559 | Y |



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## Calibration / 4-Methylphenol

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

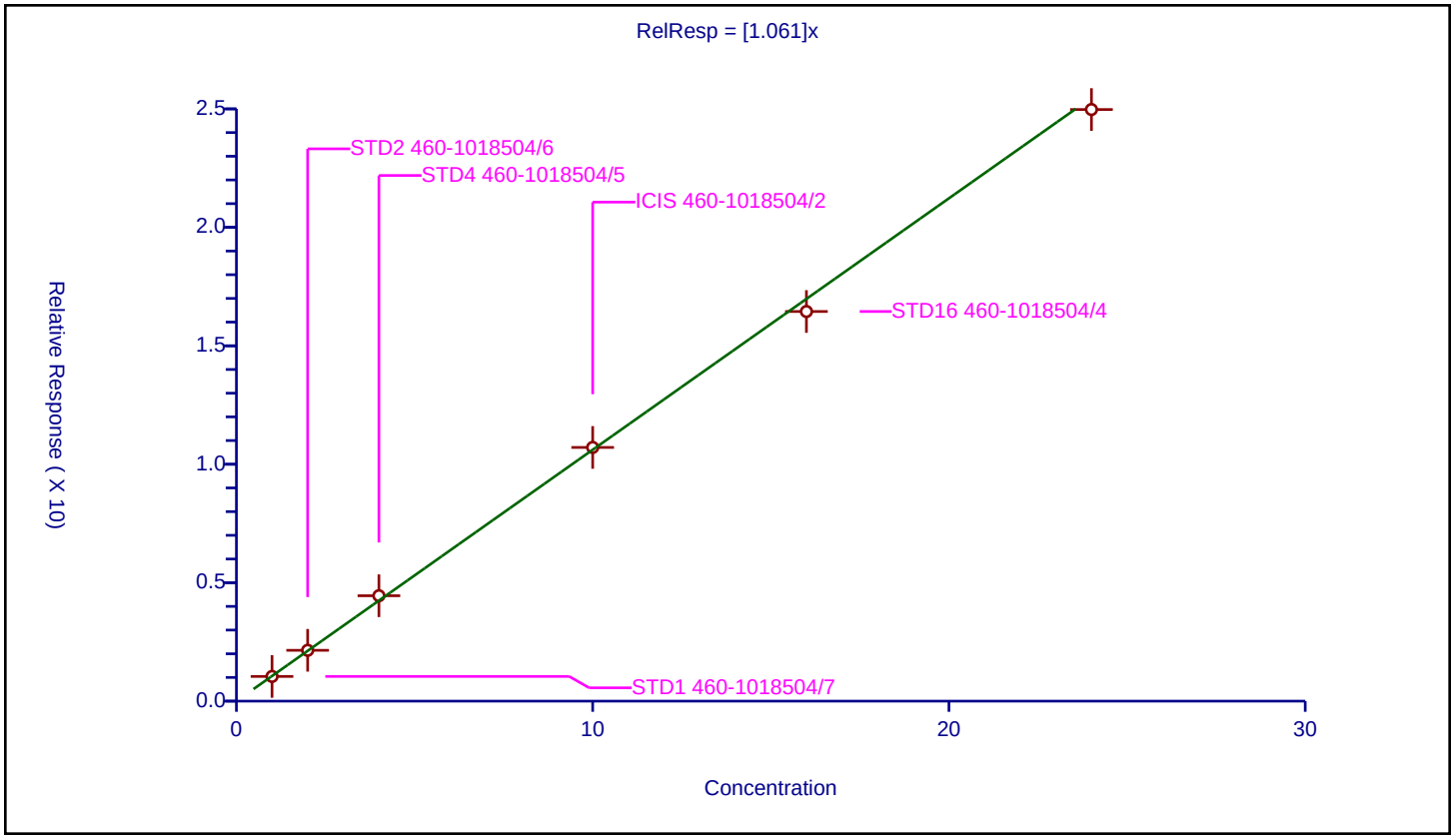
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.061 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.042376 | 8.0 | 623307.0 | 1.042376 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.14617 | 8.0 | 614956.0 | 1.073085 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.449362 | 8.0 | 557590.0 | 1.112341 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.70972 | 8.0 | 583523.0 | 1.070972 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 16.447649 | 8.0 | 549859.0 | 1.027978 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 24.973415 | 8.0 | 542042.0 | 1.040559 | Y |



## Calibration / Hexachloroethane

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

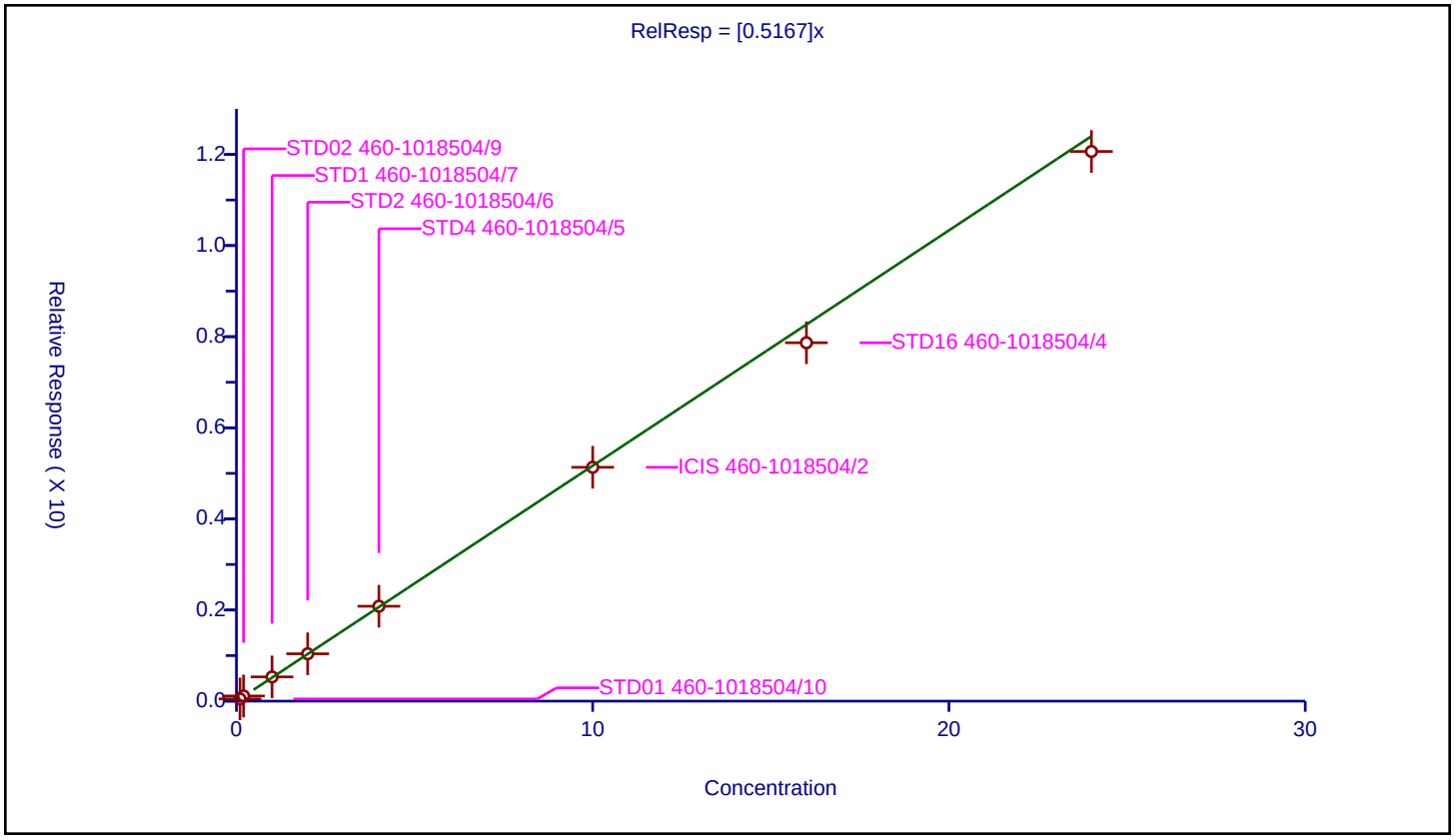
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5167 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.048746 | 8.0 | 606738.0 | 0.487459 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.113117 | 8.0 | 579790.0 | 0.565584 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.53195 | 8.0 | 623307.0 | 0.53195 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 1.039736 | 8.0 | 614956.0 | 0.519868 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 2.083151 | 8.0 | 557590.0 | 0.520788 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 5.133124 | 8.0 | 583523.0 | 0.513312 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 7.867079 | 8.0 | 549859.0 | 0.491692 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 12.065781 | 8.0 | 542042.0 | 0.502741 | Y |



## Calibration / Nitrobenzene-d5

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

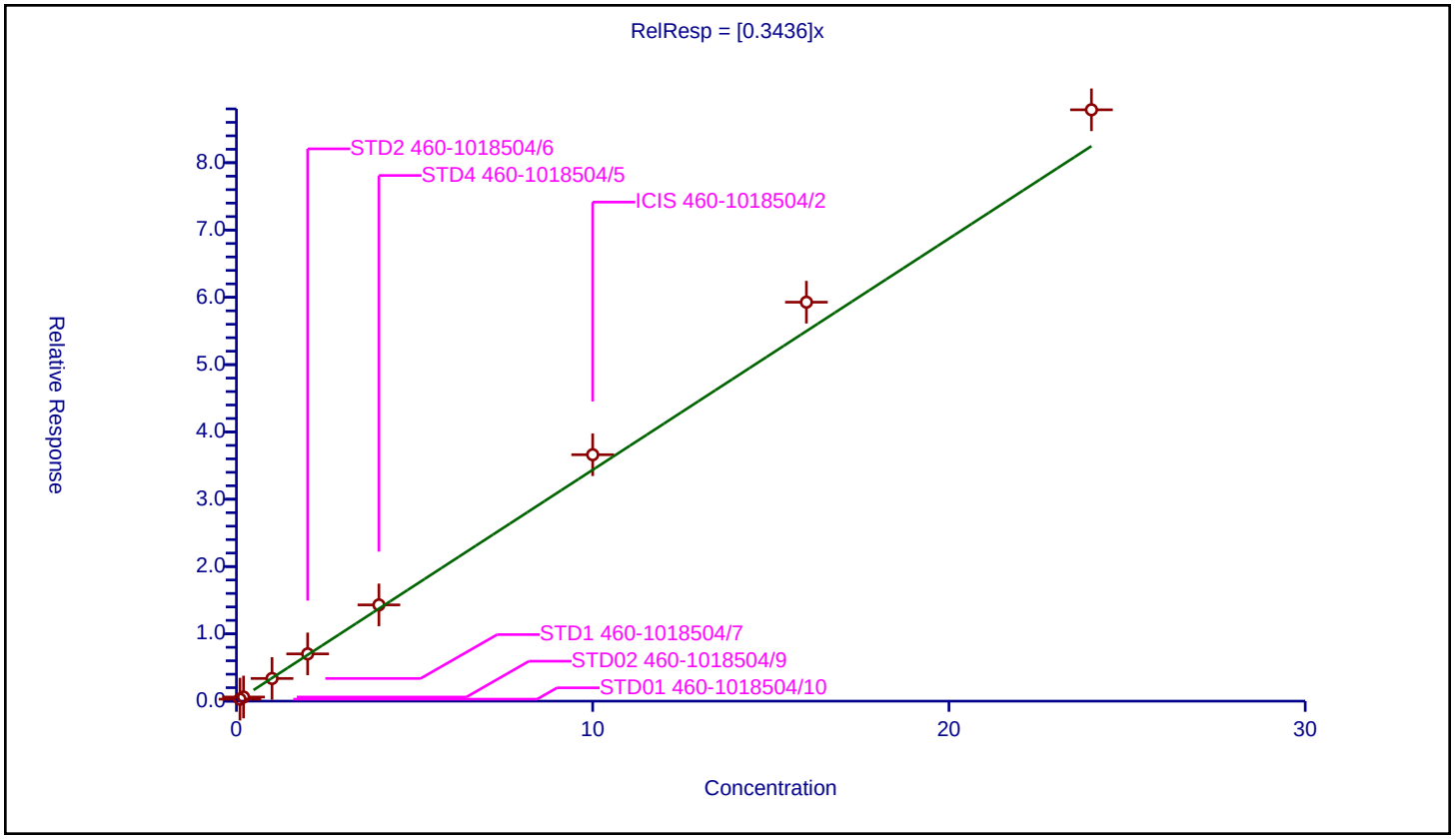
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3436 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.02941 | 8.0 | 2052650.0 | 0.294098 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.061292 | 8.0 | 1983825.0 | 0.306458 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.33714 | 8.0 | 2113614.0 | 0.33714 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.702134 | 8.0 | 2081096.0 | 0.351067 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 1.43006 | 8.0 | 1893347.0 | 0.357515 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 3.661741 | 8.0 | 1911976.0 | 0.366174 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 5.927995 | 8.0 | 1800308.0 | 0.3705 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 8.786511 | 8.0 | 1773646.0 | 0.366105 | Y |



## Calibration / Nitrobenzene

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

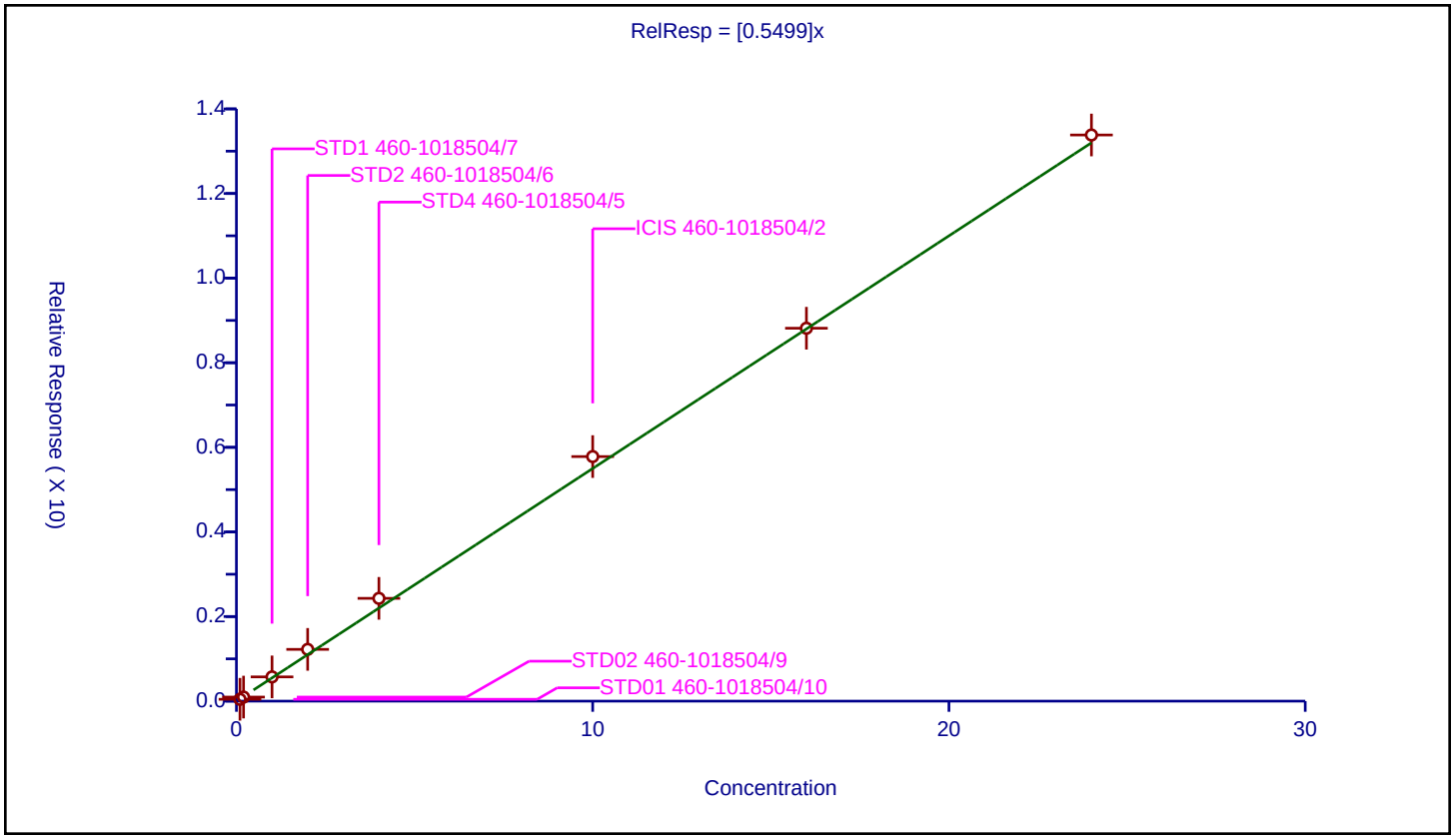
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5499 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.044026 | 8.0 | 606738.0 | 0.440256 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.095993 | 8.0 | 579790.0 | 0.479967 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.573496 | 8.0 | 623307.0 | 0.573496 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 1.223385 | 8.0 | 614956.0 | 0.611693 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 2.429714 | 8.0 | 557590.0 | 0.607428 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 5.78116 | 8.0 | 583523.0 | 0.578116 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 8.815002 | 8.0 | 549859.0 | 0.550938 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 13.382742 | 8.0 | 542042.0 | 0.557614 | Y |



## Calibration / n,n'-Dimethylaniline

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

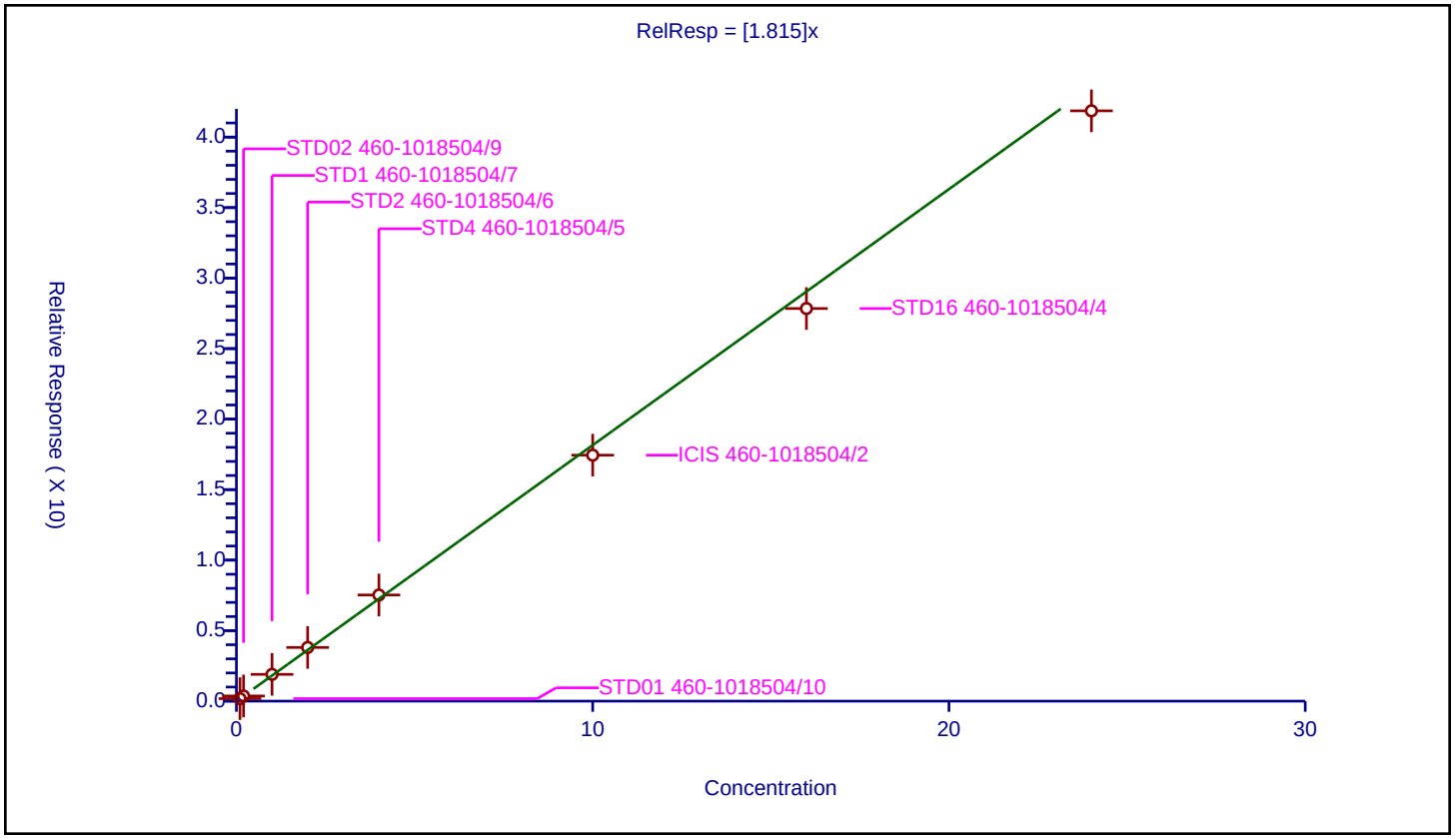
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.177882 | 8.0 | 606738.0 | 1.778824 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.366008 | 8.0 | 579790.0 | 1.830042 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.899135 | 8.0 | 623307.0 | 1.899135 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.807076 | 8.0 | 614956.0 | 1.903538 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 7.527481 | 8.0 | 557590.0 | 1.88187 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 17.444276 | 8.0 | 583523.0 | 1.744428 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 27.842876 | 8.0 | 549859.0 | 1.74018 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 41.862262 | 8.0 | 542042.0 | 1.744261 | Y |



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## Calibration / Isophorone

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

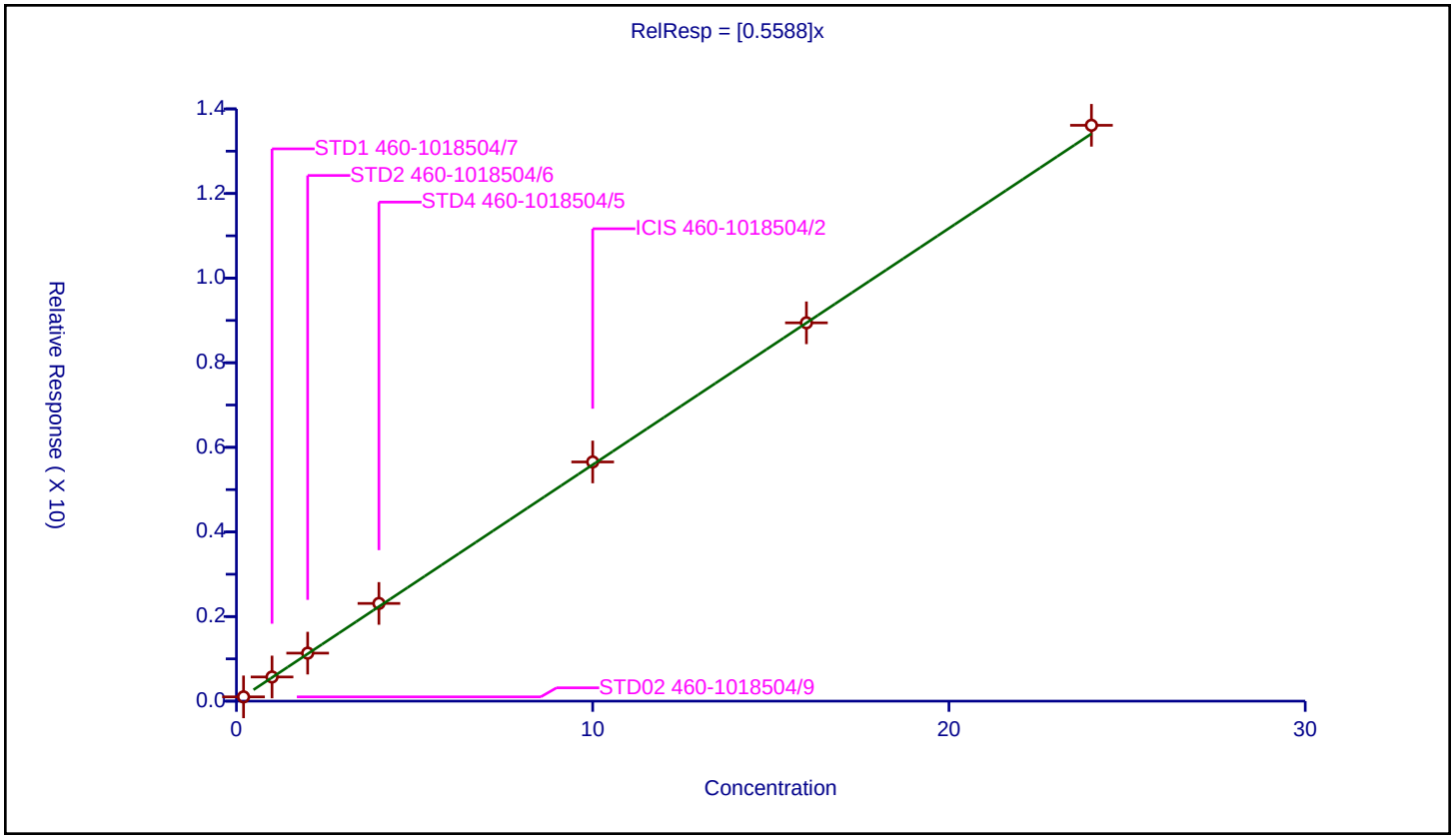
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5588 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.100779 | 8.0 | 1983825.0 | 0.503895 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.571628 | 8.0 | 2113614.0 | 0.571628 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 1.134817 | 8.0 | 2081096.0 | 0.567409 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 2.309916 | 8.0 | 1893347.0 | 0.577479 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 5.654063 | 8.0 | 1911976.0 | 0.565406 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 8.942816 | 8.0 | 1800308.0 | 0.558926 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 13.612078 | 8.0 | 1773646.0 | 0.56717 | Y |



## Calibration / 2-Nitrophenol

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

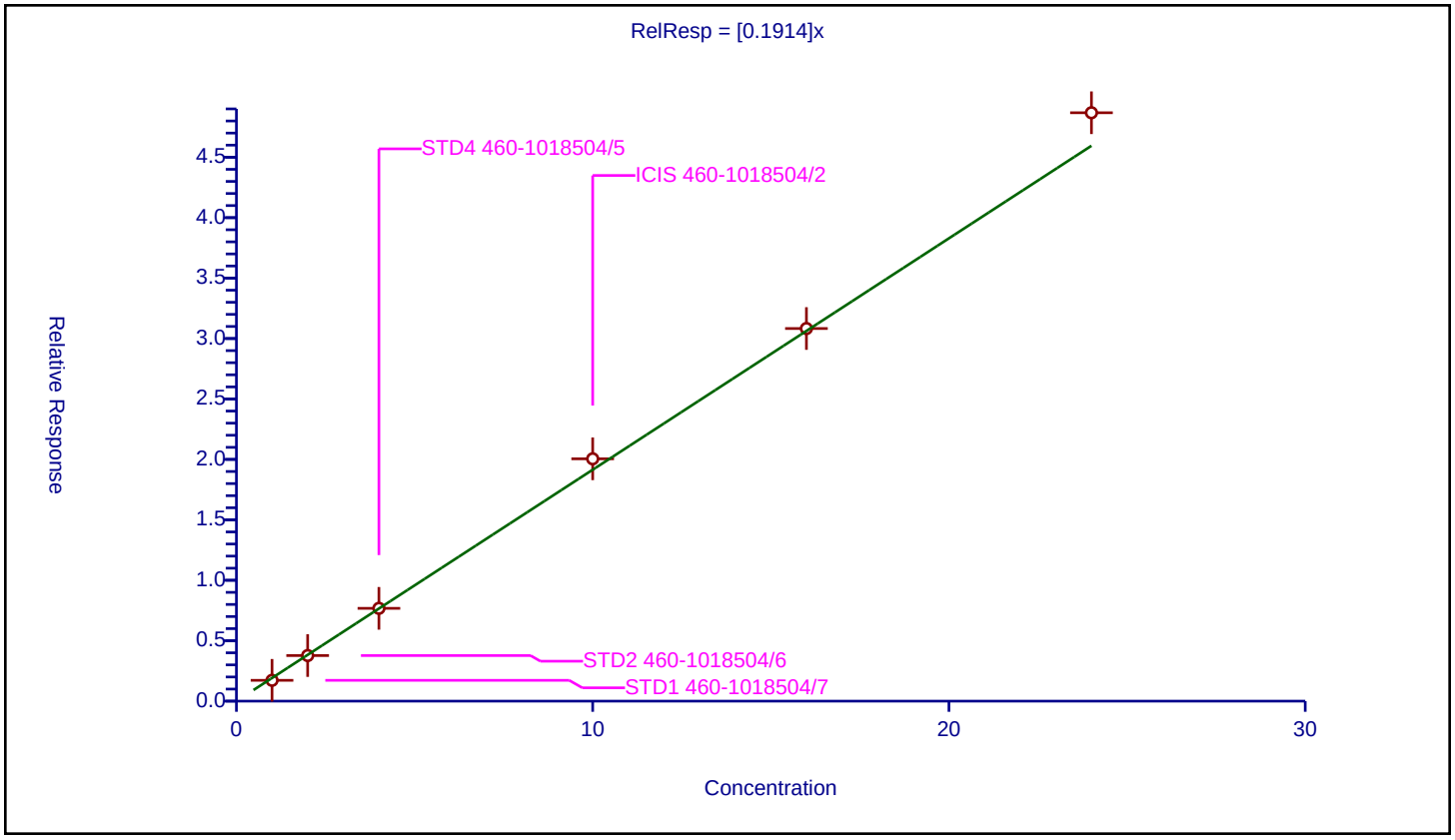
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1914 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.172187 | 8.0 | 2113614.0 | 0.172187 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.37709 | 8.0 | 2081096.0 | 0.188545 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 0.767804 | 8.0 | 1893347.0 | 0.191951 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.004912 | 8.0 | 1911976.0 | 0.200491 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 3.082961 | 8.0 | 1800308.0 | 0.192685 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 4.868006 | 8.0 | 1773646.0 | 0.202834 | Y |



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## Calibration / 2,4-Dimethylphenol

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

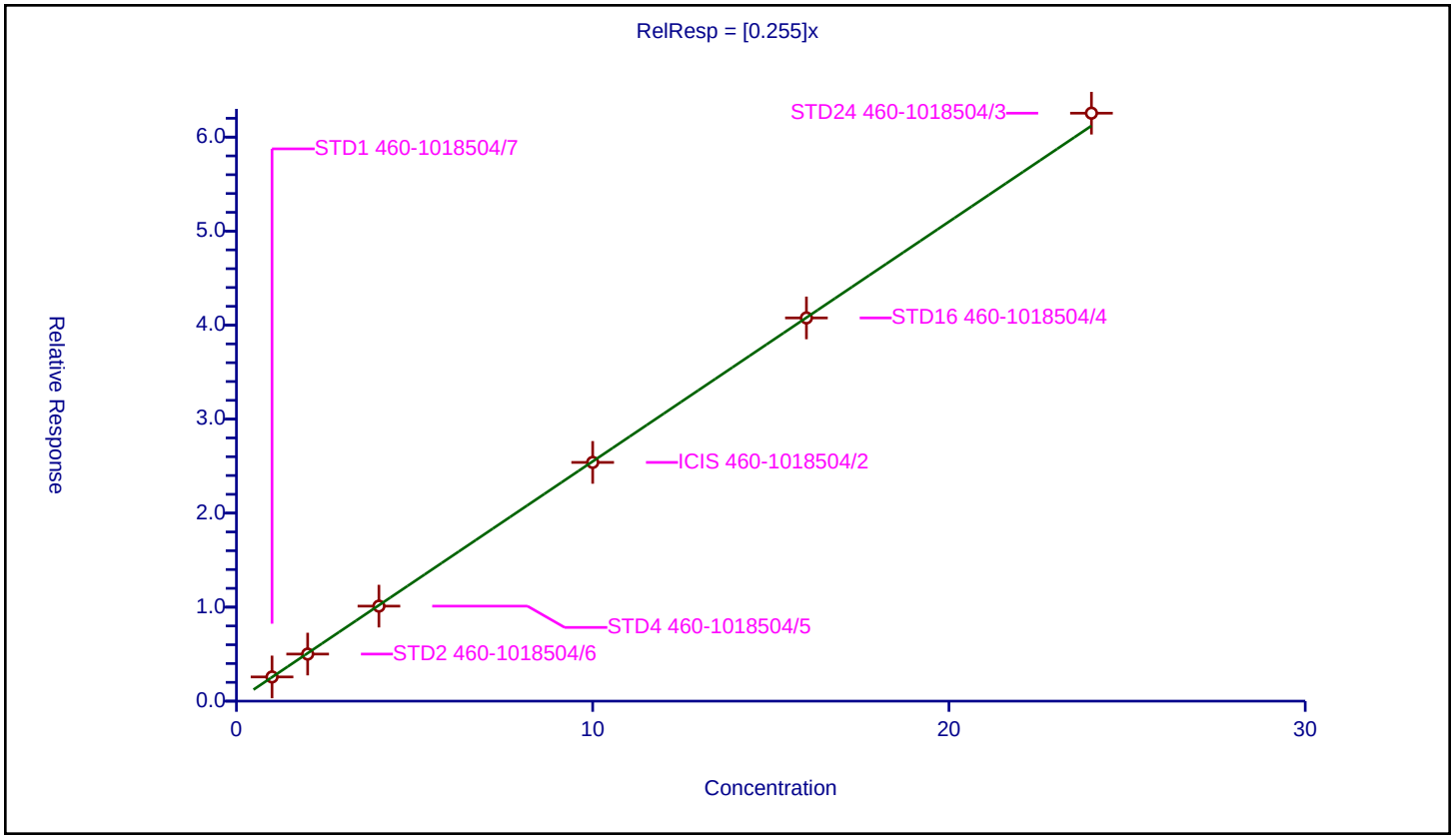
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.255 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.257508 | 8.0 | 2113614.0 | 0.257508 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.500901 | 8.0 | 2081096.0 | 0.250451 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.010697 | 8.0 | 1893347.0 | 0.252674 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.539471 | 8.0 | 1911976.0 | 0.253947 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 4.076471 | 8.0 | 1800308.0 | 0.254779 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 6.254466 | 8.0 | 1773646.0 | 0.260603 | Y |



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## Calibration / Benzoic acid

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

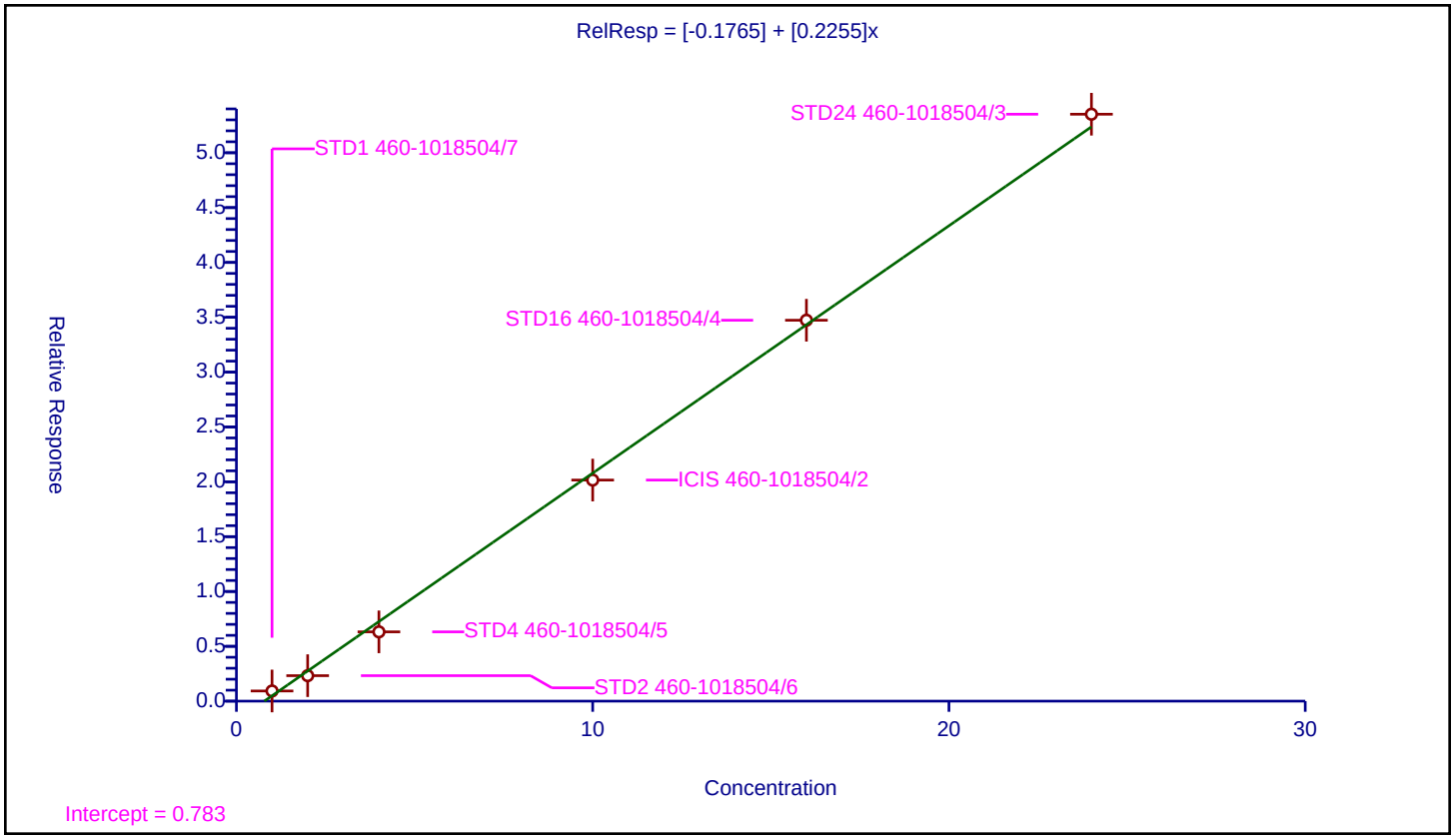
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.1765 |
| **Slope:** | 0.2255 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.09266 | 8.0 | 2113614.0 | 0.09266 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.232208 | 8.0 | 2081096.0 | 0.116104 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 0.631669 | 8.0 | 1893347.0 | 0.157917 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.015695 | 8.0 | 1911976.0 | 0.201569 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 3.47309 | 8.0 | 1800308.0 | 0.217068 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 5.35139 | 8.0 | 1773646.0 | 0.222975 | Y |



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## Calibration / Bis(2-chloroethoxy)methane

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

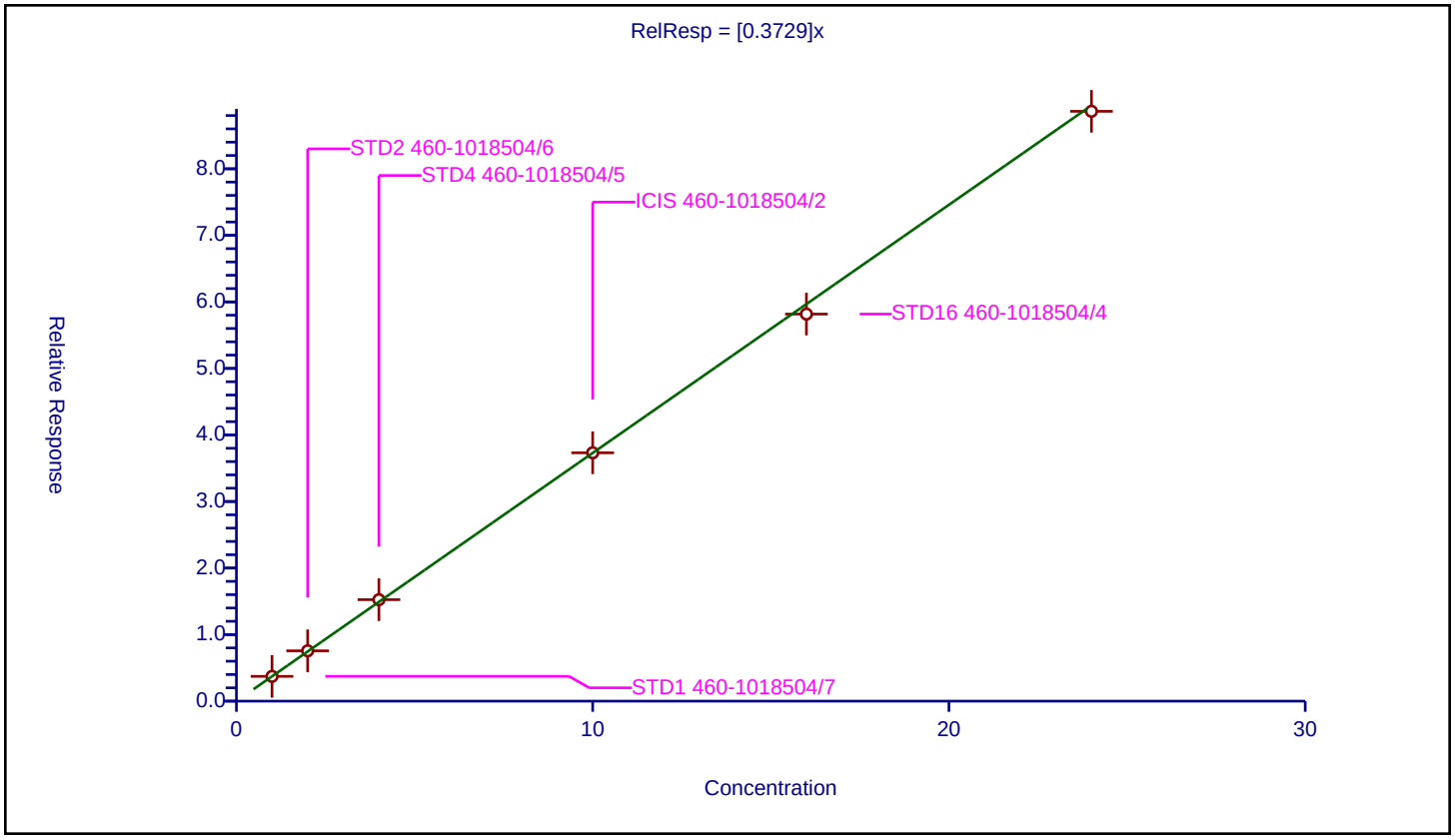
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3729 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.372322 | 8.0 | 2113614.0 | 0.372322 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.756225 | 8.0 | 2081096.0 | 0.378112 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.524521 | 8.0 | 1893347.0 | 0.38113 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.73221 | 8.0 | 1911976.0 | 0.373221 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 5.816716 | 8.0 | 1800308.0 | 0.363545 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 8.863631 | 8.0 | 1773646.0 | 0.369318 | Y |



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## Calibration / 2,4-Dichlorophenol

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

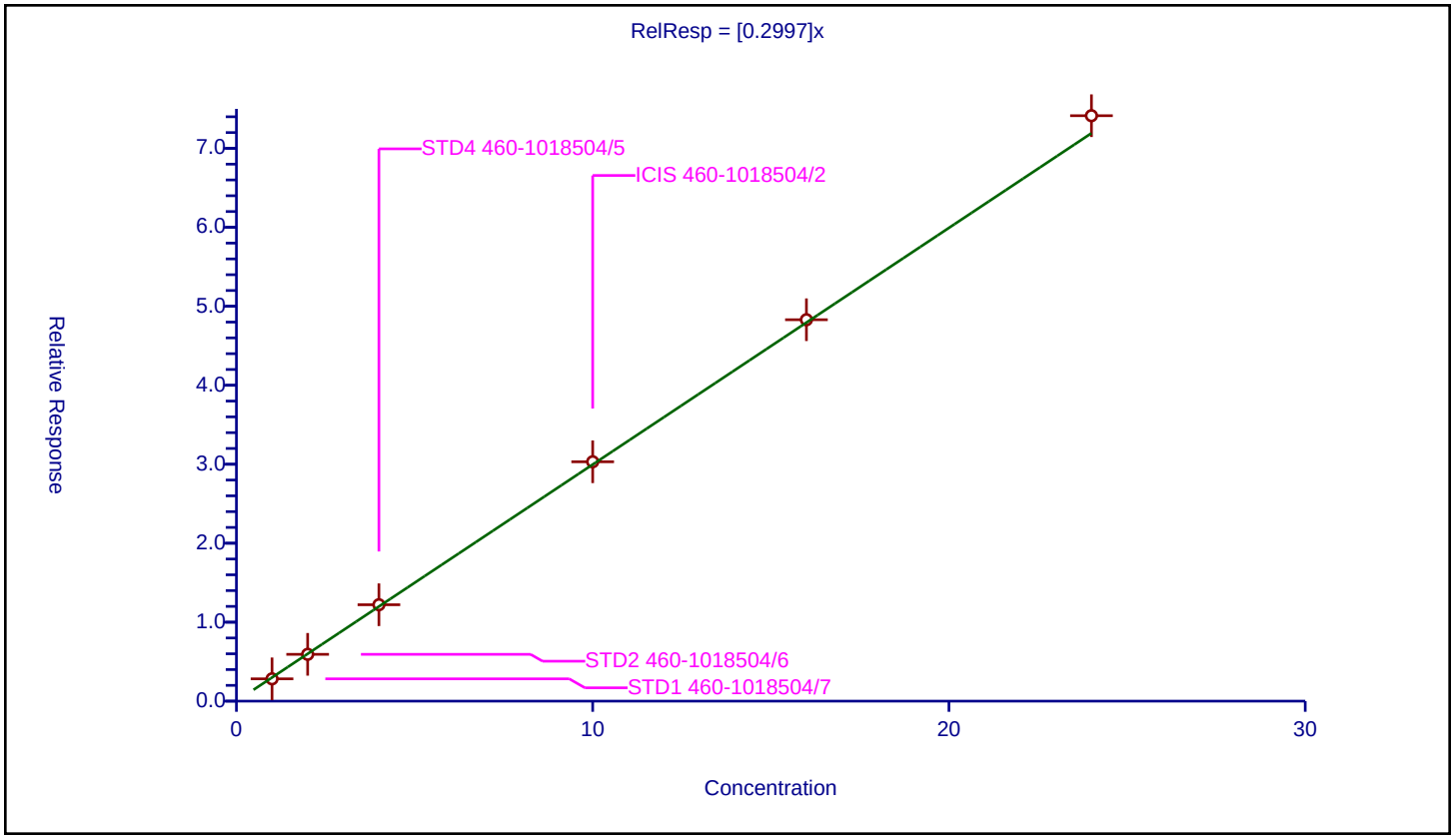
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2997 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.282413 | 8.0 | 2113614.0 | 0.282413 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.592876 | 8.0 | 2081096.0 | 0.296438 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.22086 | 8.0 | 1893347.0 | 0.305215 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.031343 | 8.0 | 1911976.0 | 0.303134 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 4.829934 | 8.0 | 1800308.0 | 0.301871 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 7.413691 | 8.0 | 1773646.0 | 0.308904 | Y |



## Calibration / 1,2,4-Trichlorobenzene

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

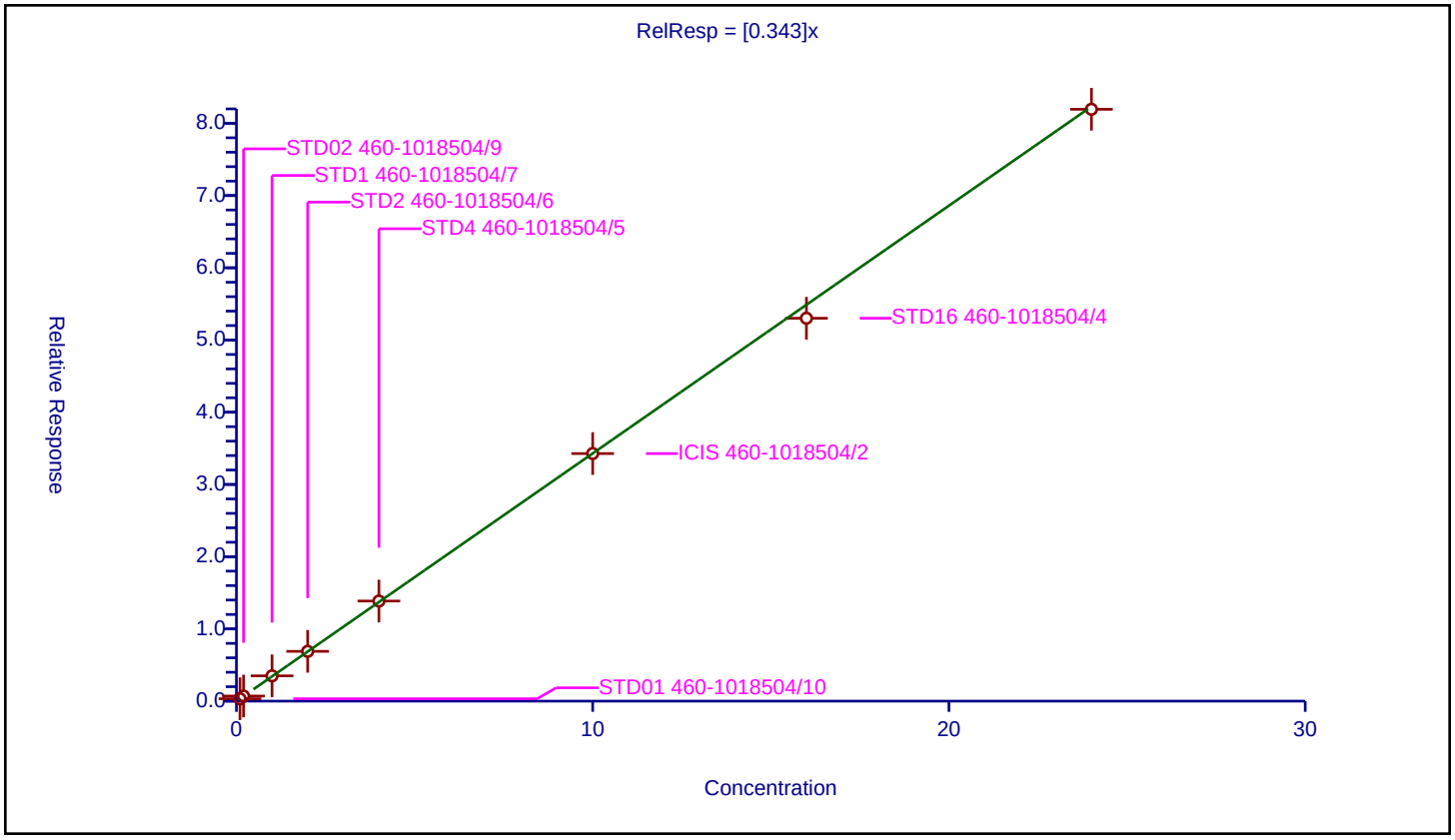
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.343 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.033455 | 8.0 | 2052650.0 | 0.334553 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.070559 | 8.0 | 1983825.0 | 0.352793 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.349975 | 8.0 | 2113614.0 | 0.349975 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.68926 | 8.0 | 2081096.0 | 0.34463 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 1.386036 | 8.0 | 1893347.0 | 0.346509 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 3.42788 | 8.0 | 1911976.0 | 0.342788 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 5.301679 | 8.0 | 1800308.0 | 0.331355 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 8.194312 | 8.0 | 1773646.0 | 0.34143 | Y |



## Calibration / Naphthalene

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

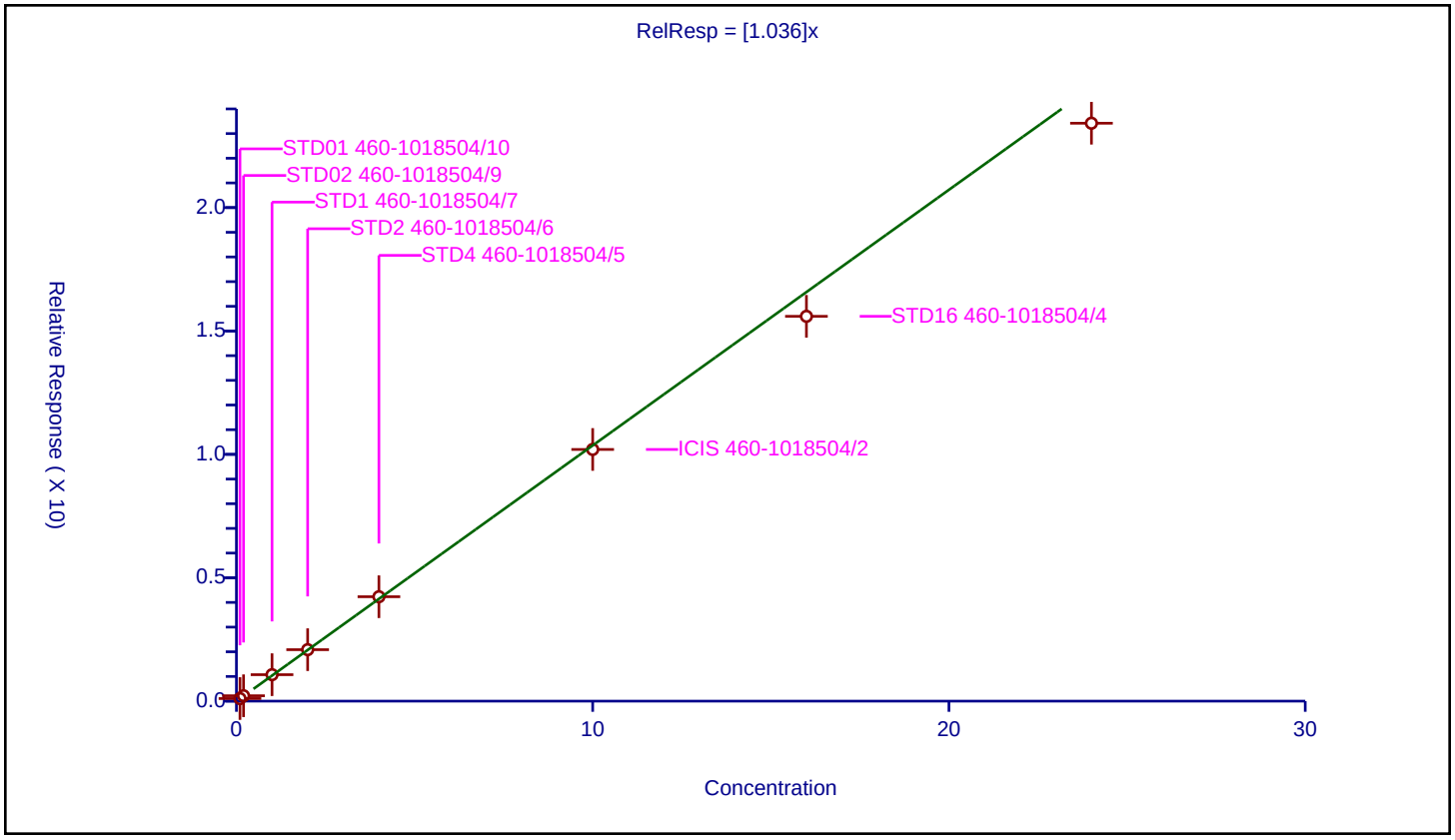
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.036 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.105101 | 8.0 | 2052650.0 | 1.051012 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.218802 | 8.0 | 1983825.0 | 1.094008 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.072707 | 8.0 | 2113614.0 | 1.072707 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.085409 | 8.0 | 2081096.0 | 1.042704 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.230899 | 8.0 | 1893347.0 | 1.057725 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 10.198781 | 8.0 | 1911976.0 | 1.019878 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 15.594123 | 8.0 | 1800308.0 | 0.974633 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 23.418942 | 8.0 | 1773646.0 | 0.975789 | Y |



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## Calibration / 2,6-Dichlorophenol

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

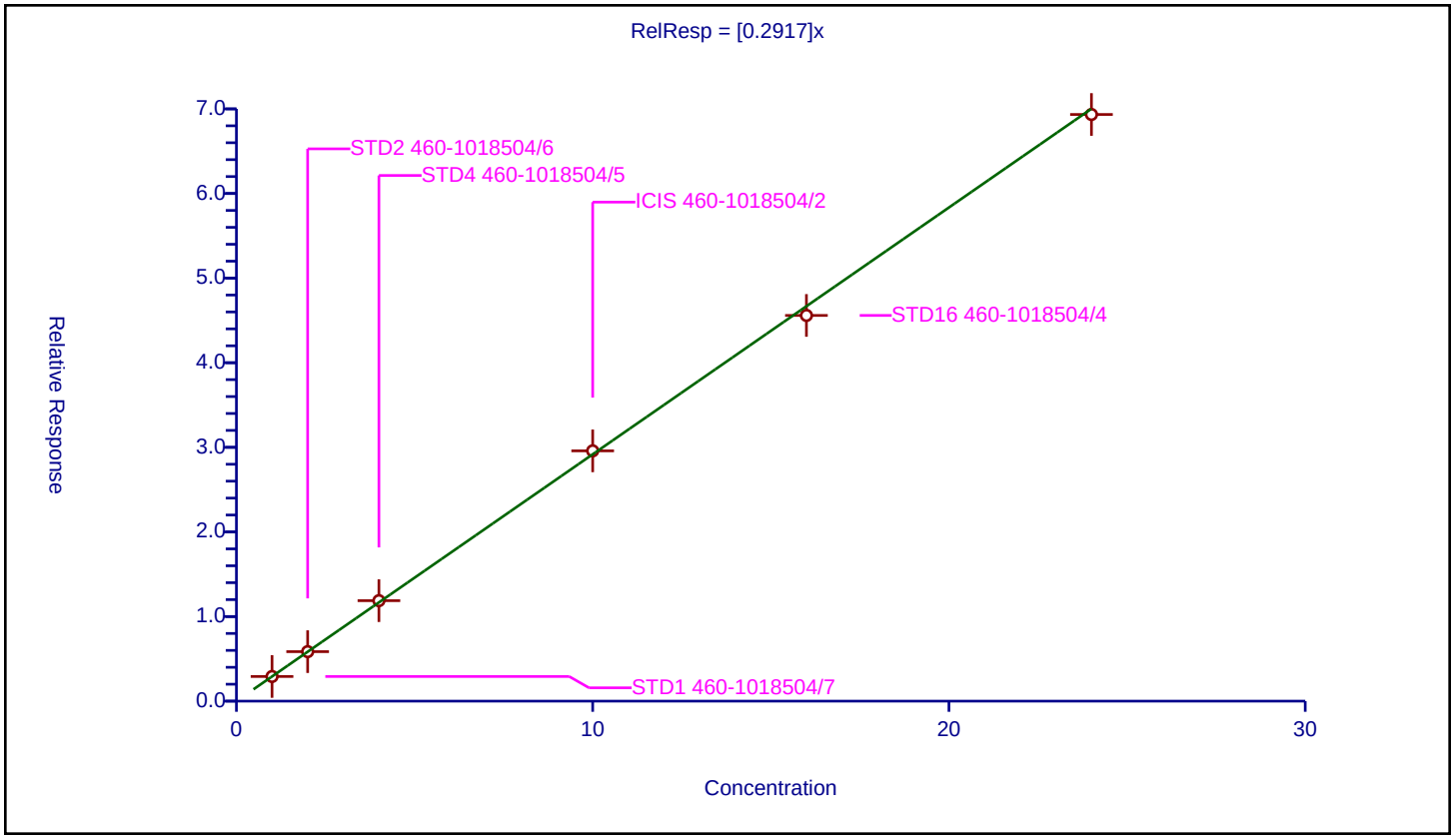
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2917 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.291209 | 8.0 | 2113614.0 | 0.291209 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.585172 | 8.0 | 2081096.0 | 0.292586 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.18767 | 8.0 | 1893347.0 | 0.296918 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.958343 | 8.0 | 1911976.0 | 0.295834 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 4.558864 | 8.0 | 1800308.0 | 0.284929 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 6.933749 | 8.0 | 1773646.0 | 0.288906 | Y |



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## Calibration / 4-Chloroaniline

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

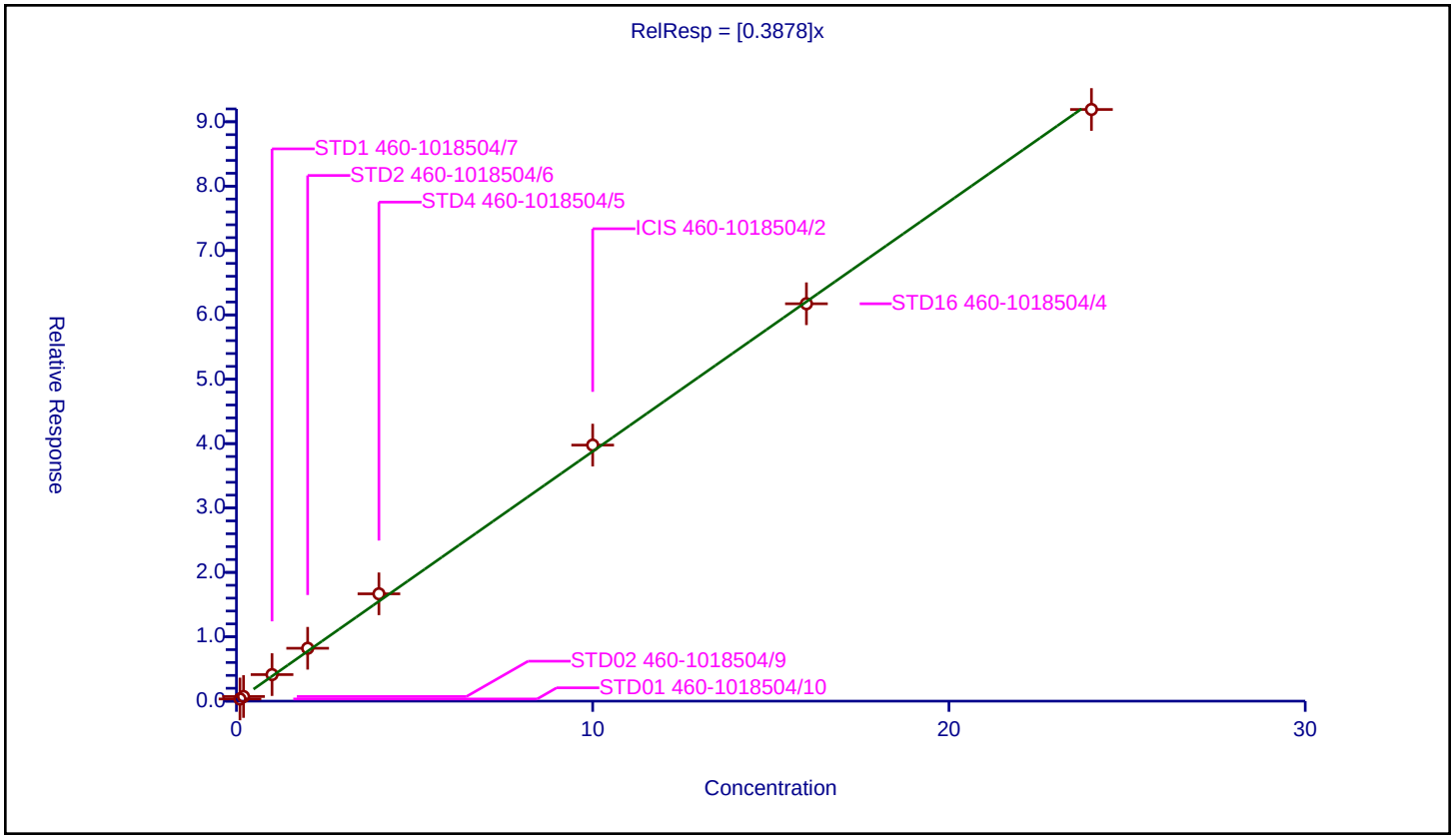
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3878 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.03374 | 8.0 | 2052650.0 | 0.337398 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.071797 | 8.0 | 1983825.0 | 0.358983 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.412401 | 8.0 | 2113614.0 | 0.412401 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.821344 | 8.0 | 2081096.0 | 0.410672 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 1.667257 | 8.0 | 1893347.0 | 0.416814 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 3.977251 | 8.0 | 1911976.0 | 0.397725 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 6.17325 | 8.0 | 1800308.0 | 0.385828 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 9.19079 | 8.0 | 1773646.0 | 0.38295 | Y |



## Calibration / Hexachlorobutadiene

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

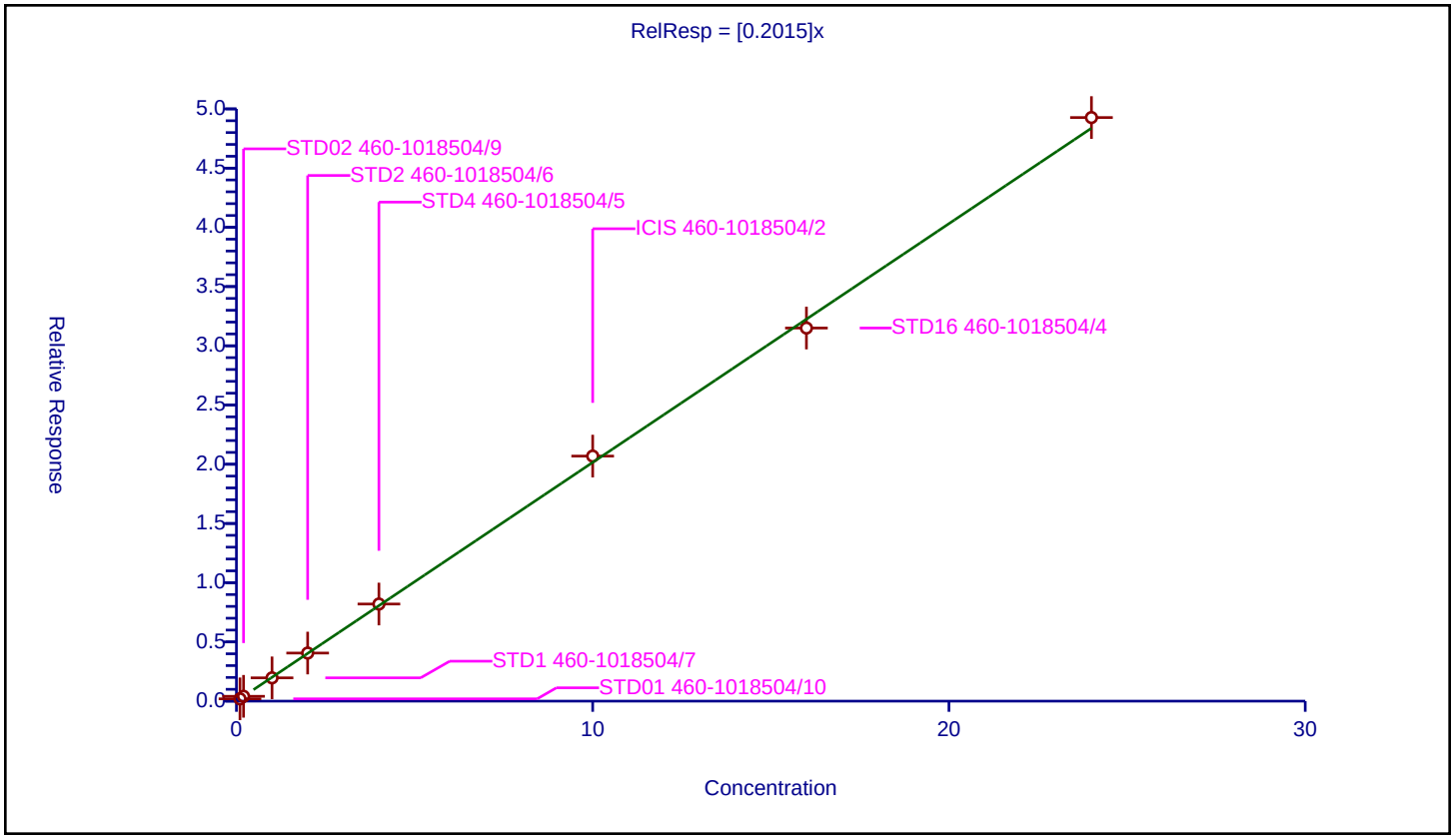
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2015 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.019522 | 8.0 | 2052650.0 | 0.195221 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.040725 | 8.0 | 1983825.0 | 0.203627 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.196585 | 8.0 | 2113614.0 | 0.196585 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.405886 | 8.0 | 2081096.0 | 0.202943 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 0.819886 | 8.0 | 1893347.0 | 0.204971 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 2.068813 | 8.0 | 1911976.0 | 0.206881 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 3.149861 | 8.0 | 1800308.0 | 0.196866 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 4.926864 | 8.0 | 1773646.0 | 0.205286 | Y |



## Calibration / Caprolactam

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

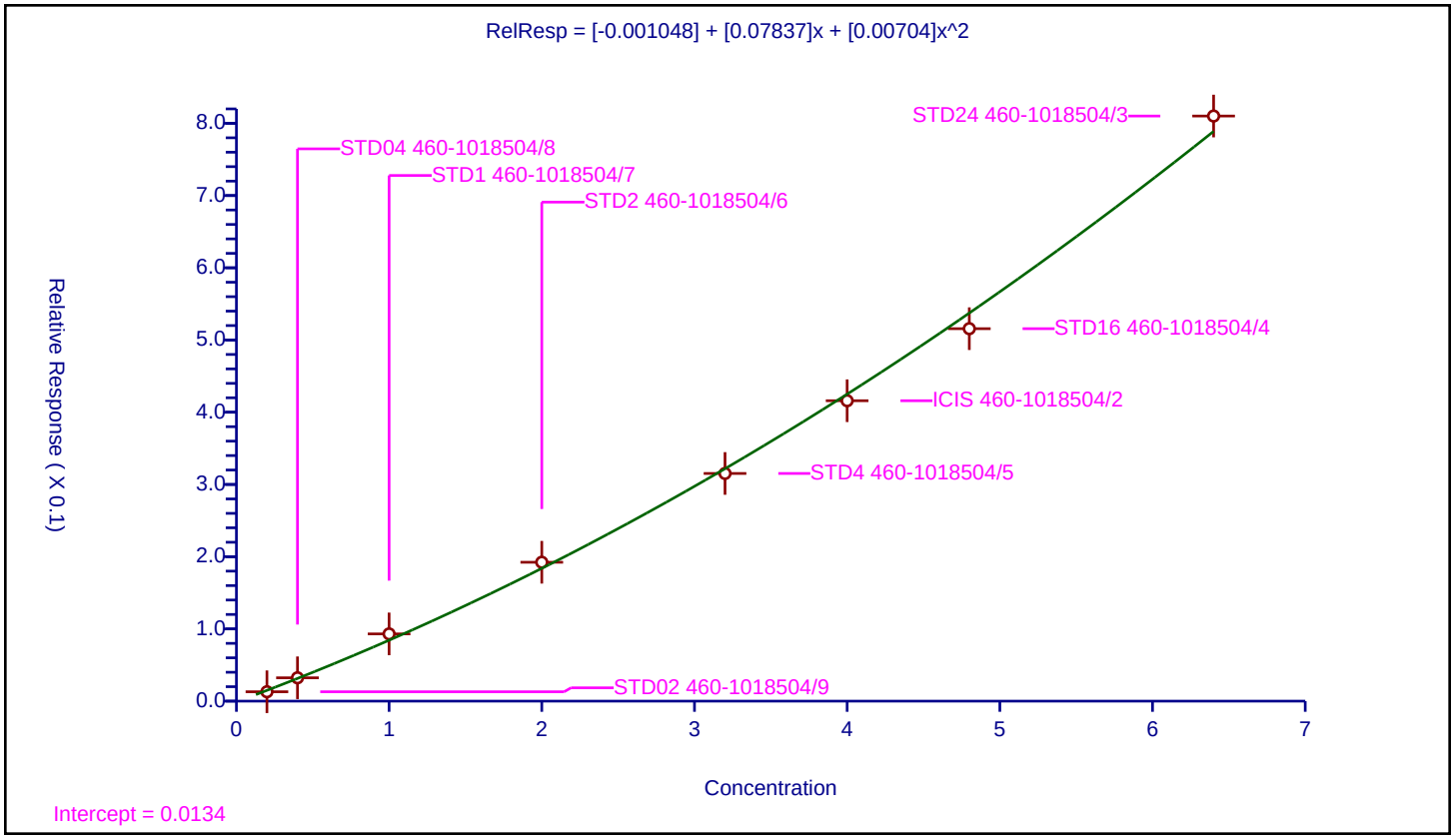
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.001048 |
| **Slope:** | 0.07837 |
| **Second Order:** | 0.00704 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.012981 | 8.0 | 1983825.0 | 0.064905 | Y |
| 2 | STD04 460-1018504/8 | 0.4 | 0.032311 | 8.0 | 2064213.0 | 0.080777 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.093099 | 8.0 | 2113614.0 | 0.093099 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.192279 | 8.0 | 2081096.0 | 0.09614 | Y |
| 5 | STD4 460-1018504/5 | 3.2 | 0.315222 | 8.0 | 1893347.0 | 0.098507 | Y |
| 6 | ICIS 460-1018504/2 | 4.0 | 0.41593 | 8.0 | 1911976.0 | 0.103982 | Y |
| 7 | STD16 460-1018504/4 | 4.8 | 0.515698 | 8.0 | 1800308.0 | 0.107437 | Y |
| 8 | STD24 460-1018504/3 | 6.4 | 0.810114 | 8.0 | 1773646.0 | 0.12658 | Y |



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## Calibration / 4-Chloro-3-methylphenol

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

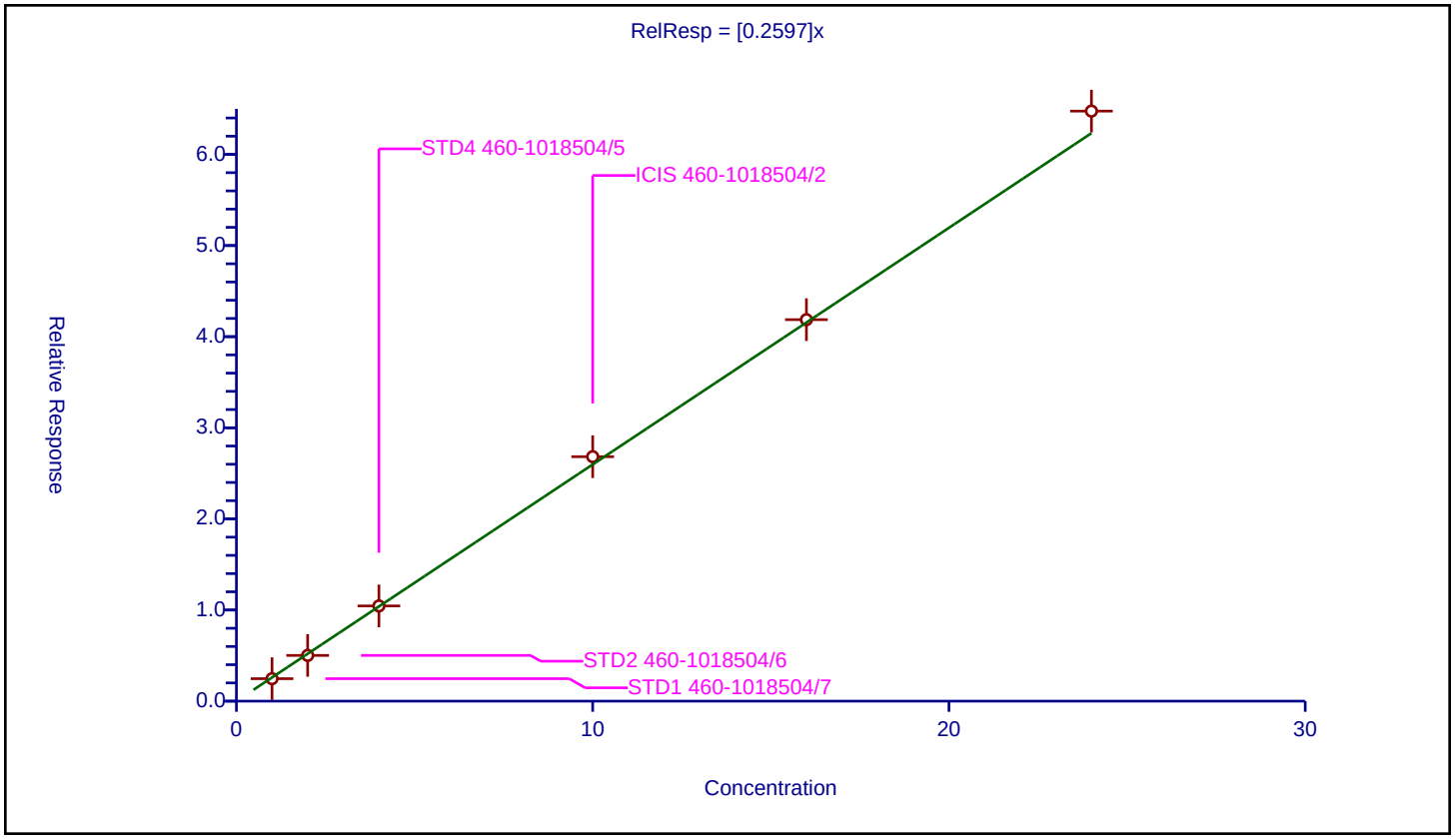
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2597 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.246497 | 8.0 | 2113614.0 | 0.246497 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.501843 | 8.0 | 2081096.0 | 0.250922 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.044766 | 8.0 | 1893347.0 | 0.261191 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.682912 | 8.0 | 1911976.0 | 0.268291 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 4.18687 | 8.0 | 1800308.0 | 0.261679 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 6.475804 | 8.0 | 1773646.0 | 0.269825 | Y |



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## Calibration / 2-Methylnaphthalene

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

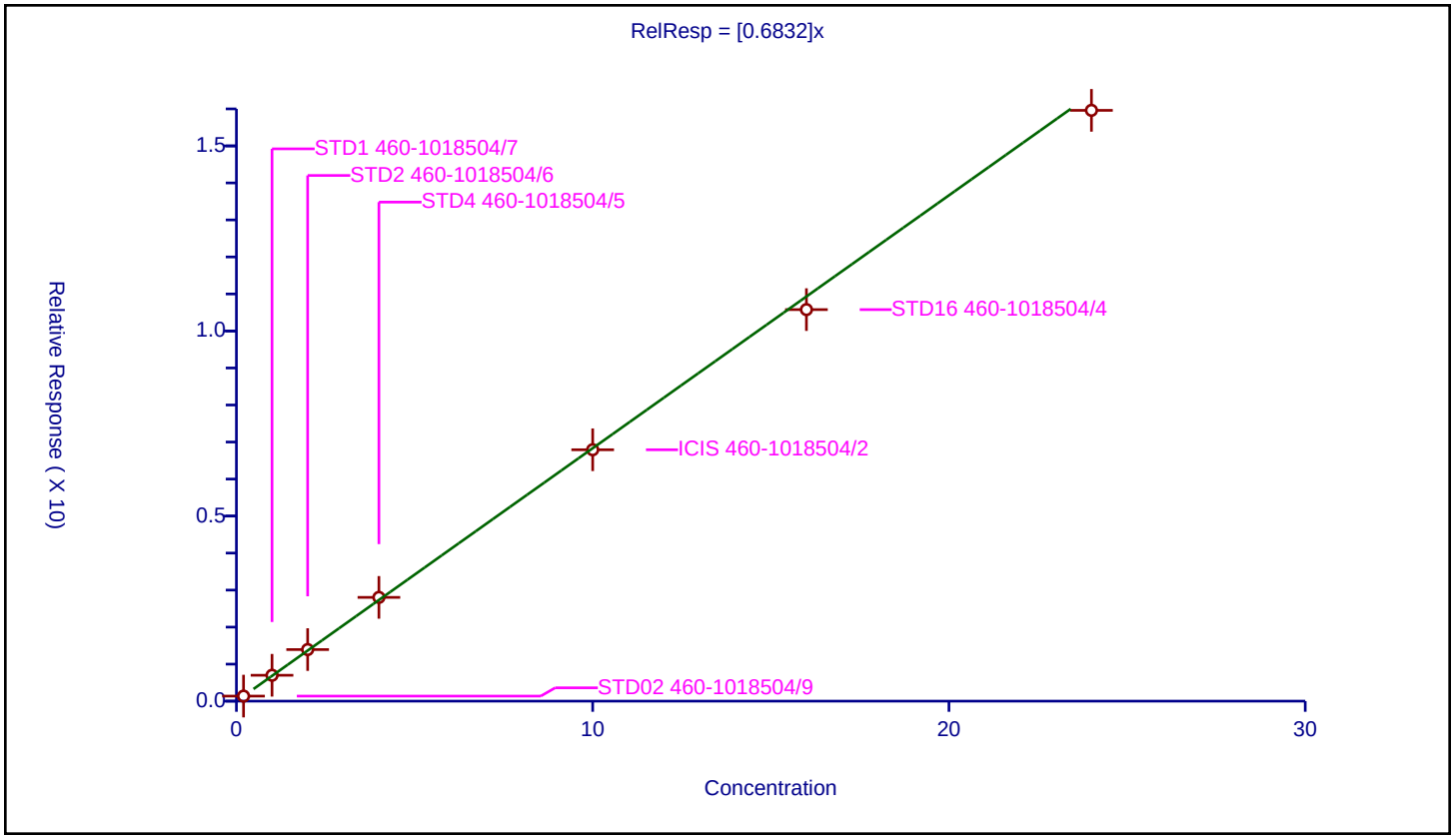
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6832 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.136169 | 8.0 | 1983825.0 | 0.680846 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.698837 | 8.0 | 2113614.0 | 0.698837 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 1.393731 | 8.0 | 2081096.0 | 0.696865 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 2.802892 | 8.0 | 1893347.0 | 0.700723 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 6.791428 | 8.0 | 1911976.0 | 0.679143 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 10.577648 | 8.0 | 1800308.0 | 0.661103 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 15.960416 | 8.0 | 1773646.0 | 0.665017 | Y |



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## Calibration / 1-Methylnaphthalene

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

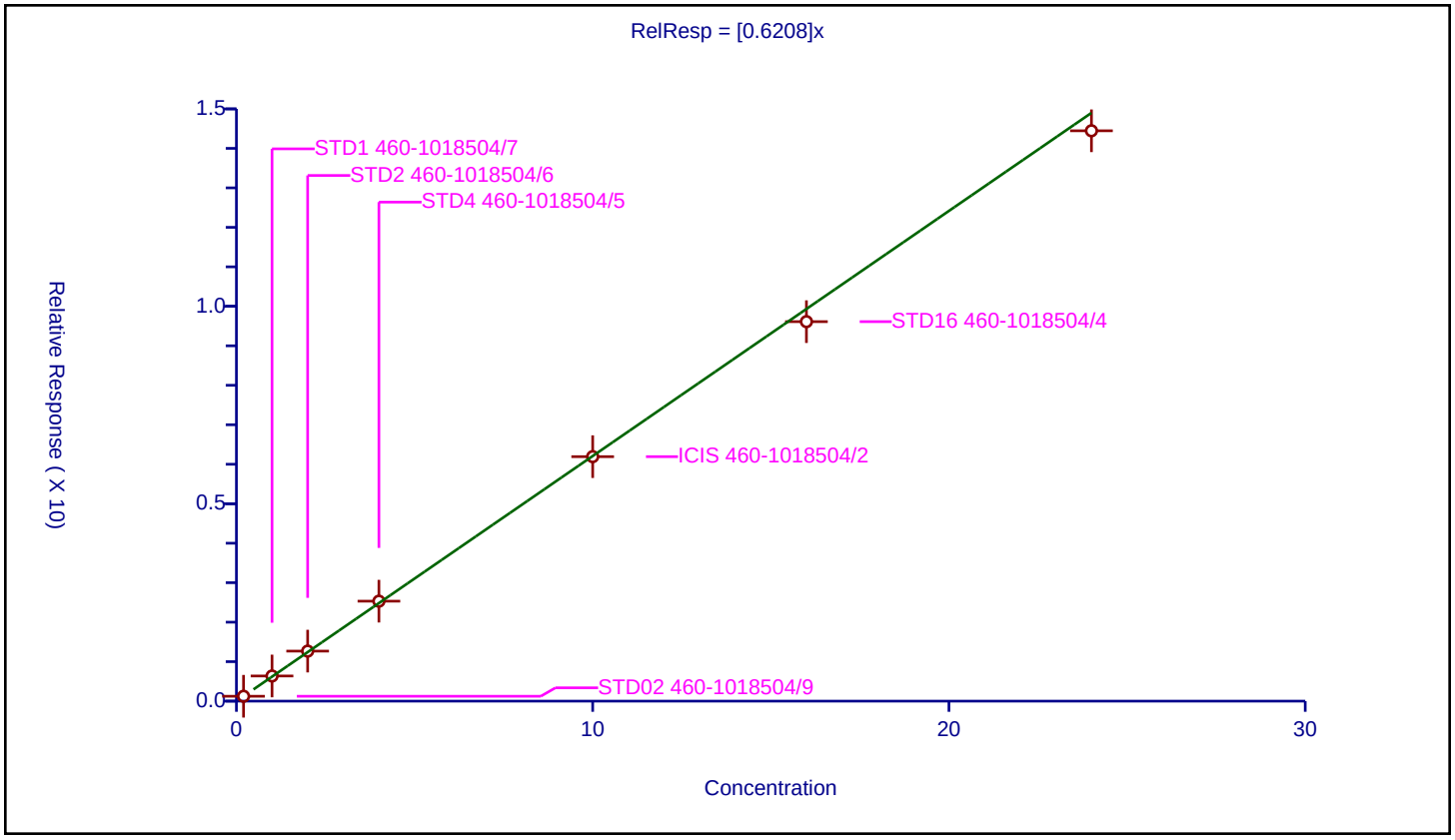
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6208 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.124035 | 8.0 | 1983825.0 | 0.620176 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.636828 | 8.0 | 2113614.0 | 0.636828 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 1.267394 | 8.0 | 2081096.0 | 0.633697 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 2.532079 | 8.0 | 1893347.0 | 0.63302 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 6.192061 | 8.0 | 1911976.0 | 0.619206 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 9.611835 | 8.0 | 1800308.0 | 0.60074 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 14.44567 | 8.0 | 1773646.0 | 0.601903 | Y |



## Calibration / Hexachlorocyclopentadiene

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

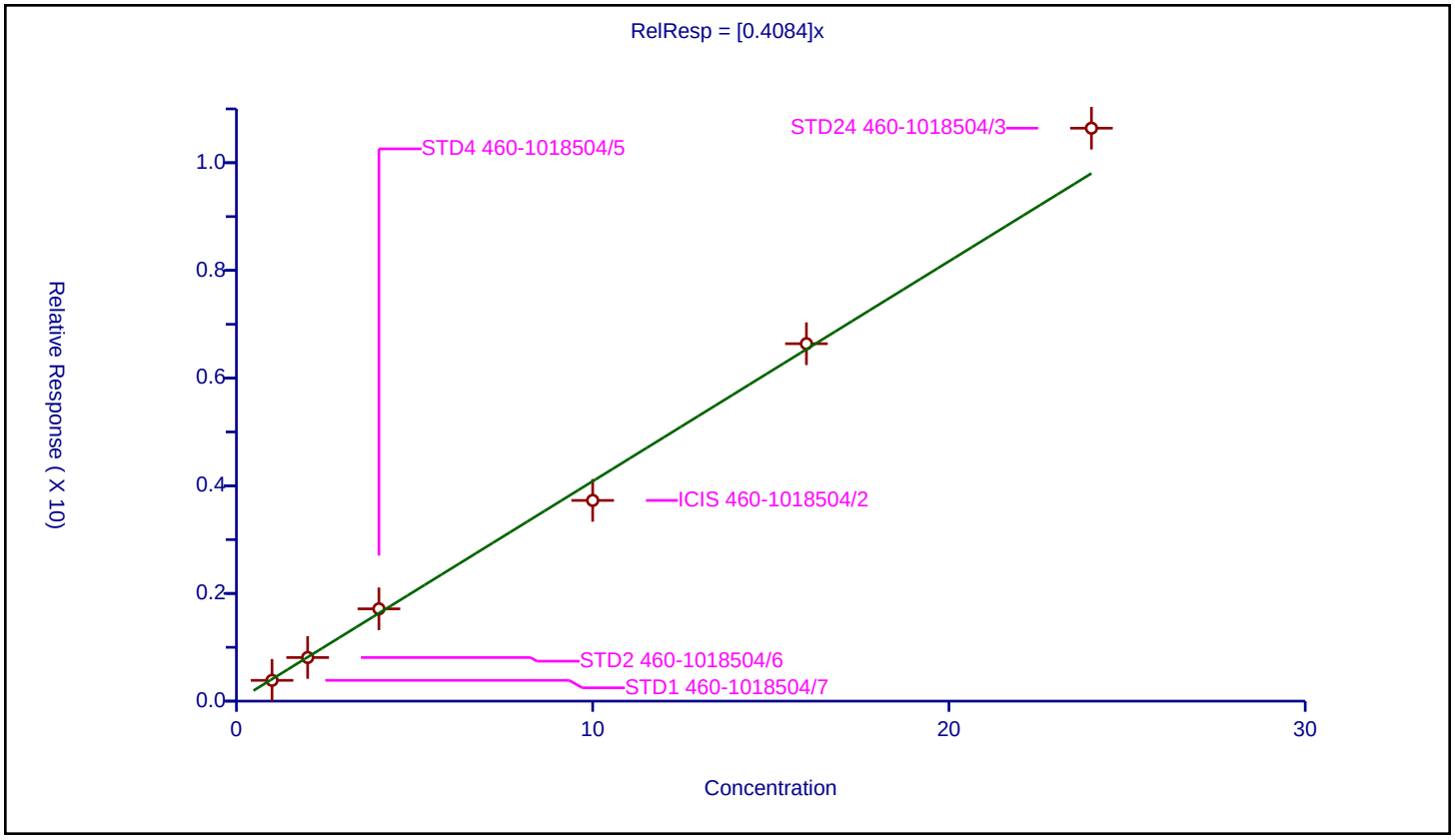
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.38588 | 8.0 | 1075983.0 | 0.38588 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.809988 | 8.0 | 1055779.0 | 0.404994 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.714205 | 8.0 | 938548.0 | 0.428551 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.728039 | 8.0 | 927267.0 | 0.372804 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 6.638779 | 8.0 | 881832.0 | 0.414924 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 10.641984 | 8.0 | 853931.0 | 0.443416 | Y |



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## Calibration / 1,2,4,5-Tetrachlorobenzene

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

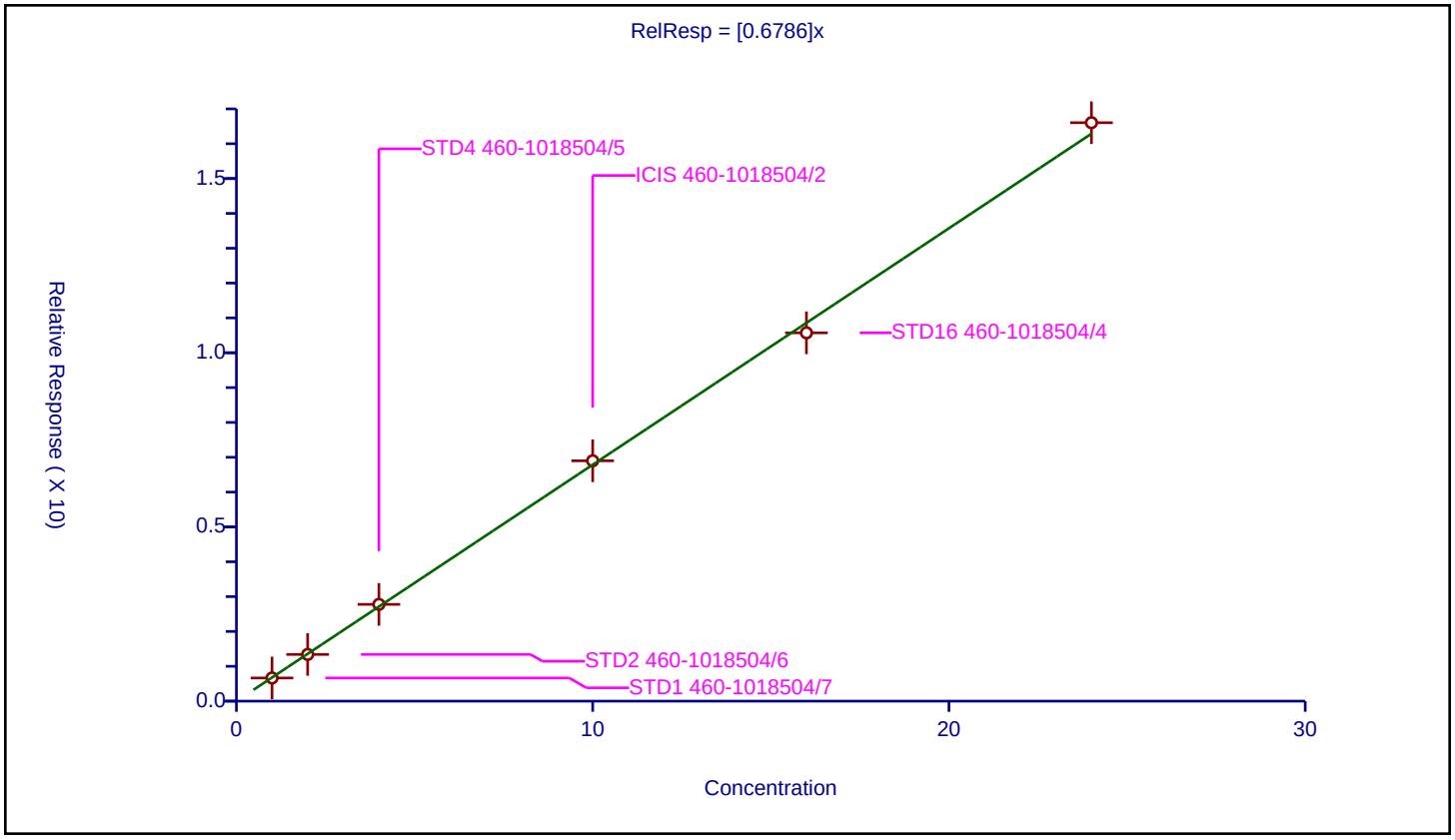
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6786 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.664494 | 8.0 | 1075983.0 | 0.664494 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.340743 | 8.0 | 1055779.0 | 0.670371 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.777507 | 8.0 | 938548.0 | 0.694377 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 6.899303 | 8.0 | 927267.0 | 0.68993 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 10.571773 | 8.0 | 881832.0 | 0.660736 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 16.603131 | 8.0 | 853931.0 | 0.691797 | Y |



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## Calibration / 2-tertbutyl-4-methylphenol

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

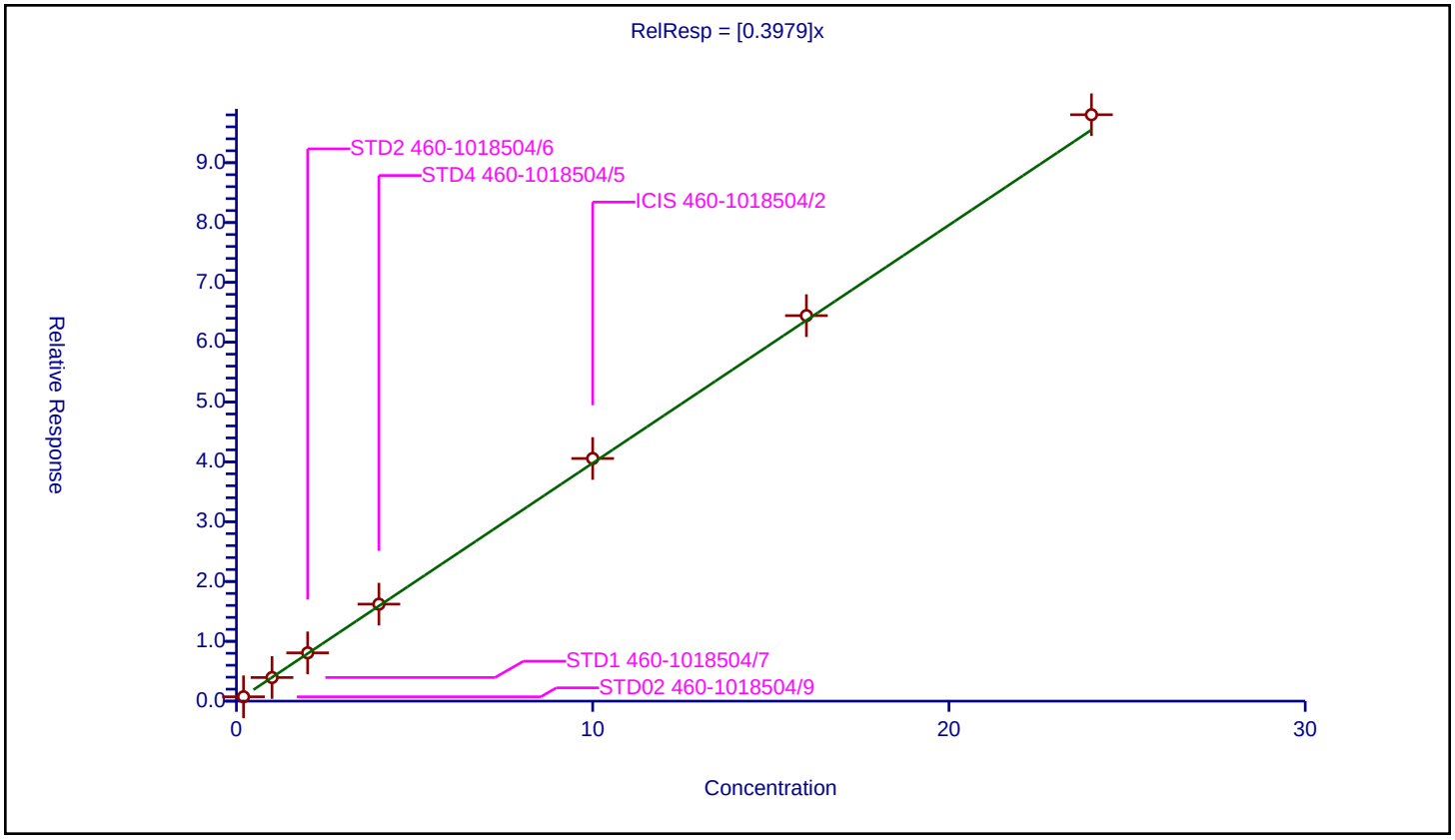
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3979 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.072978 | 8.0 | 1983825.0 | 0.364891 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.39449 | 8.0 | 2113614.0 | 0.39449 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.807175 | 8.0 | 2081096.0 | 0.403587 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.621294 | 8.0 | 1893347.0 | 0.405323 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 4.05621 | 8.0 | 1911976.0 | 0.405621 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 6.444297 | 8.0 | 1800308.0 | 0.402769 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 9.802281 | 8.0 | 1773646.0 | 0.408428 | Y |



## Calibration / 2,4,6-Trichlorophenol

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

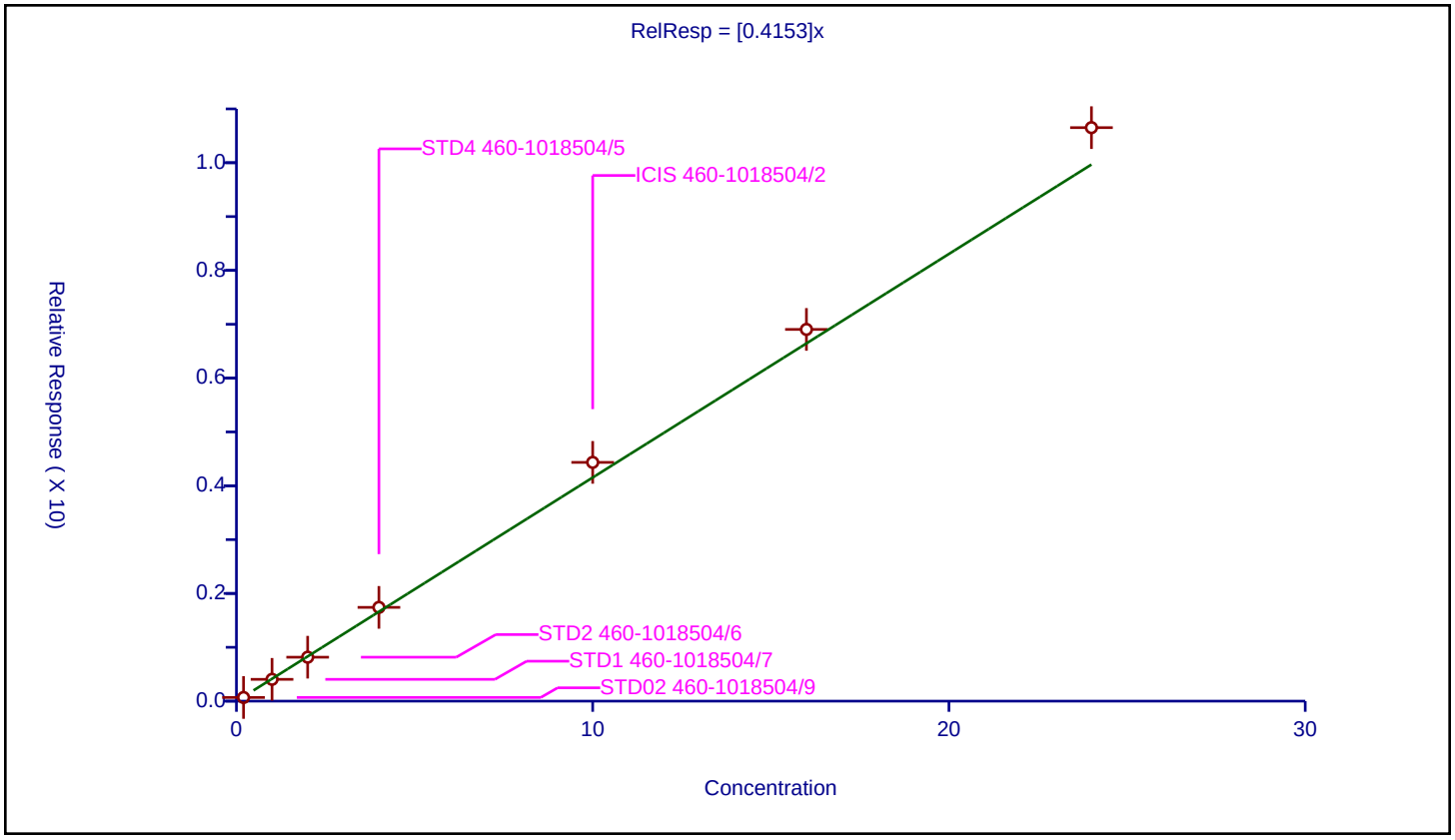
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4153 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.067978 | 8.0 | 1002211.0 | 0.339889 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.405003 | 8.0 | 1075983.0 | 0.405003 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.815777 | 8.0 | 1055779.0 | 0.407888 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.741626 | 8.0 | 938548.0 | 0.435407 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 4.434701 | 8.0 | 927267.0 | 0.44347 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 6.903846 | 8.0 | 881832.0 | 0.43149 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 10.651877 | 8.0 | 853931.0 | 0.443828 | Y |



## Calibration / 2,4,5-Trichlorophenol

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

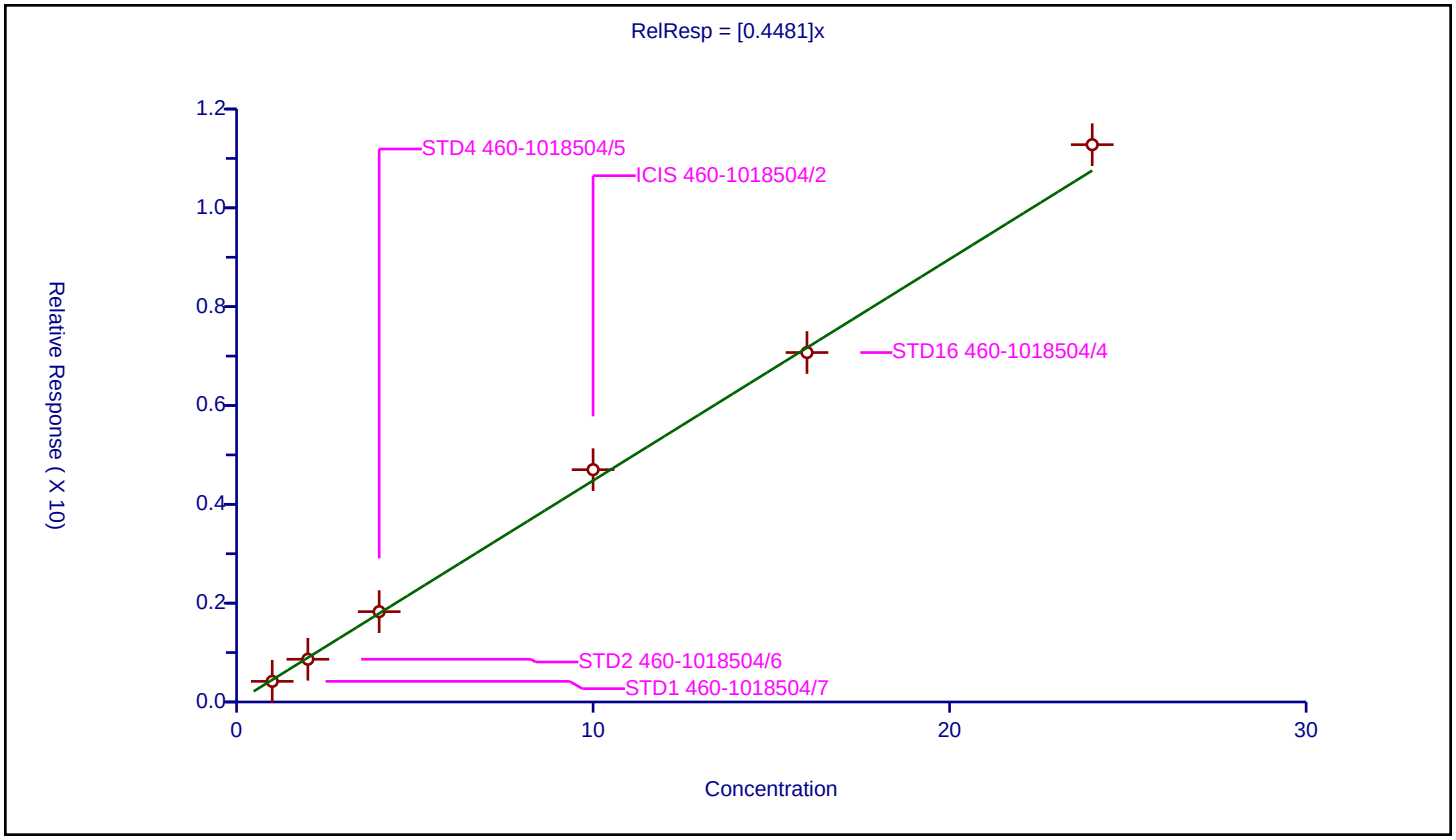
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4481 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.417211 | 8.0 | 1075983.0 | 0.417211 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.86462 | 8.0 | 1055779.0 | 0.43231 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.828186 | 8.0 | 938548.0 | 0.457046 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 4.70111 | 8.0 | 927267.0 | 0.470111 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 7.071651 | 8.0 | 881832.0 | 0.441978 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 11.278691 | 8.0 | 853931.0 | 0.469945 | Y |



## Calibration / 2-Fluorobiphenyl

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

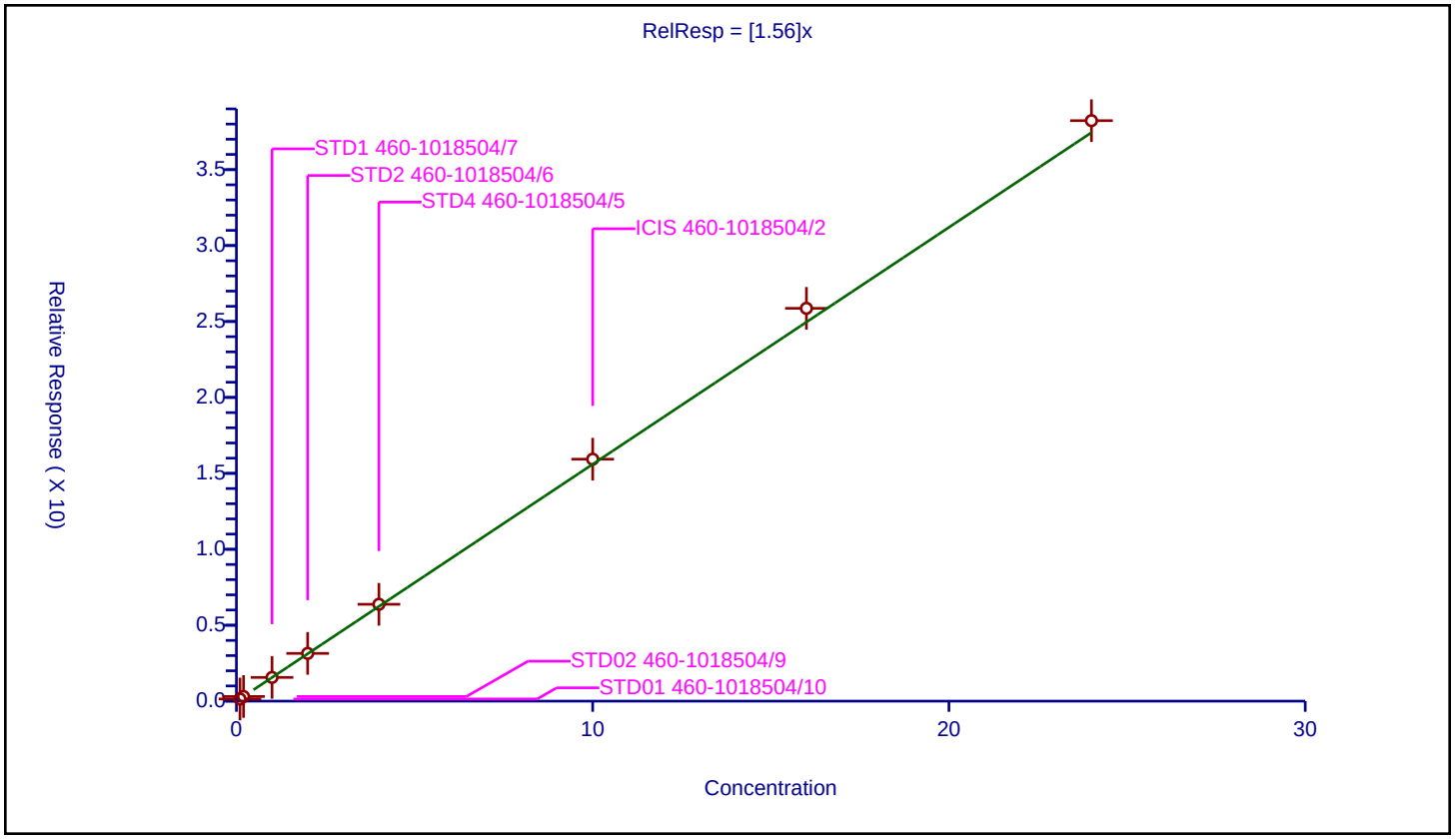
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.56 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.141997 | 8.0 | 1058781.0 | 1.419973 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.305804 | 8.0 | 1002211.0 | 1.529019 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.561571 | 8.0 | 1075983.0 | 1.561571 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.144438 | 8.0 | 1055779.0 | 1.572219 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 6.37867 | 8.0 | 938548.0 | 1.594668 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 15.932869 | 8.0 | 927267.0 | 1.593287 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 25.867376 | 8.0 | 881832.0 | 1.616711 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 38.224662 | 8.0 | 853931.0 | 1.592694 | Y |



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## Calibration / 1,1'-Biphenyl

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

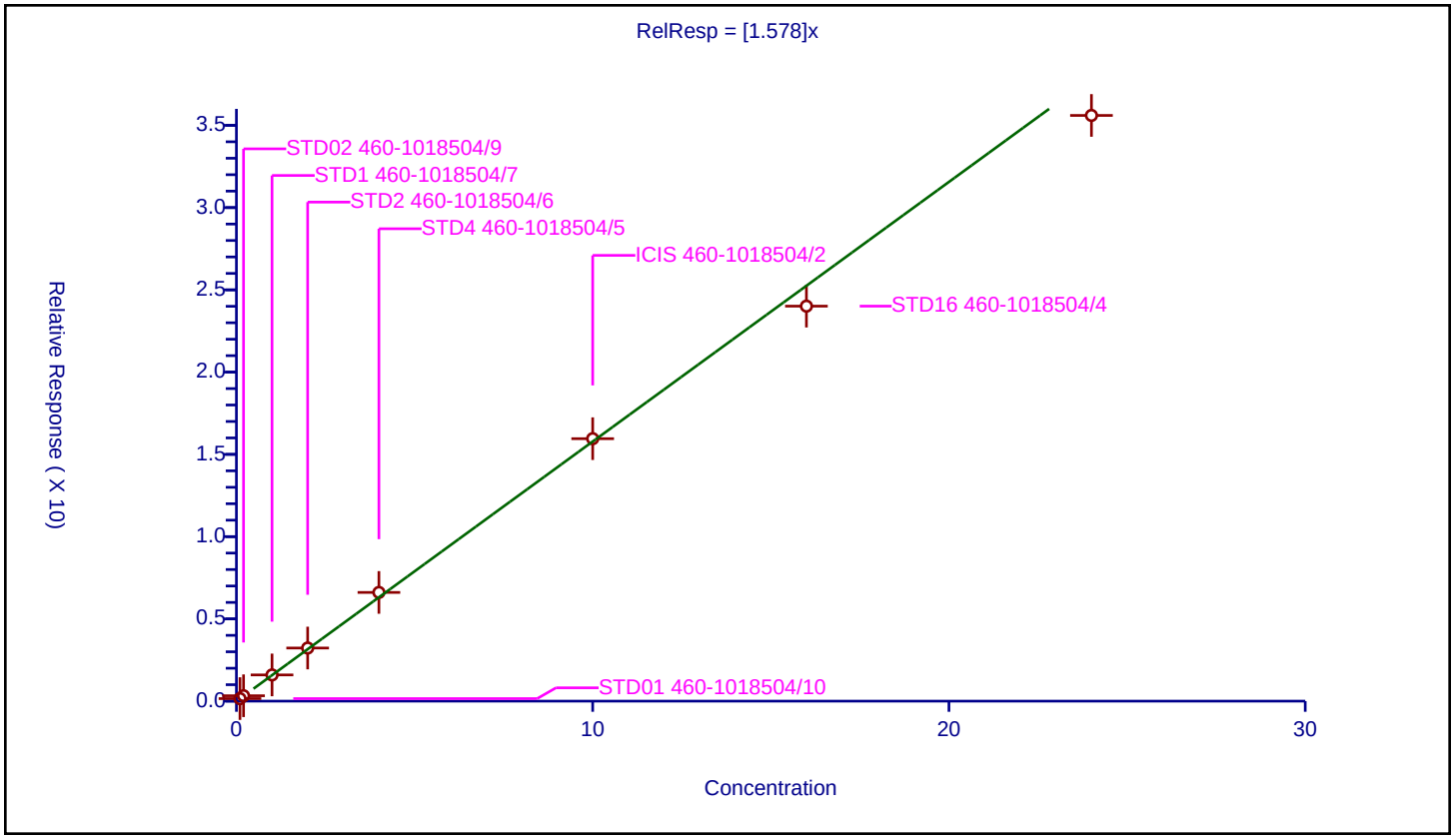
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.578 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.154525 | 8.0 | 1058781.0 | 1.545249 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.327971 | 8.0 | 1002211.0 | 1.639854 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.59375 | 8.0 | 1075983.0 | 1.59375 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 3.228206 | 8.0 | 1055779.0 | 1.614103 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 6.608191 | 8.0 | 938548.0 | 1.652048 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 15.954826 | 8.0 | 927267.0 | 1.595483 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 24.010714 | 8.0 | 881832.0 | 1.50067 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 35.601265 | 8.0 | 853931.0 | 1.483386 | Y |



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## Calibration / 2-Chloronaphthalene

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

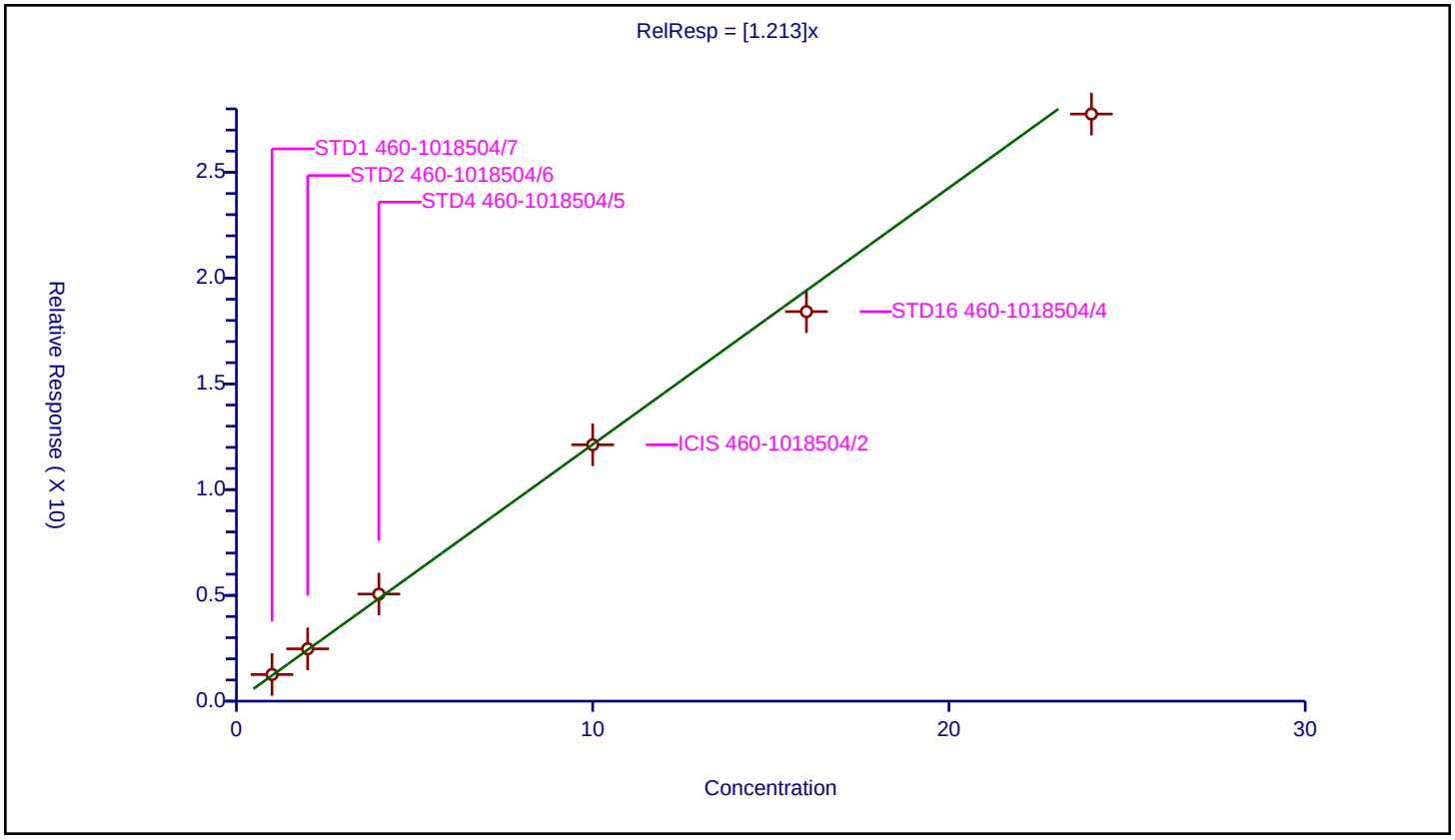
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.213 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.258682 | 8.0 | 1075983.0 | 1.258682 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.473078 | 8.0 | 1055779.0 | 1.236539 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 5.062646 | 8.0 | 938548.0 | 1.265661 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 12.120565 | 8.0 | 927267.0 | 1.212057 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 18.41656 | 8.0 | 881832.0 | 1.151035 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 27.757484 | 8.0 | 853931.0 | 1.156562 | Y |



## Calibration / Phenyl ether

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

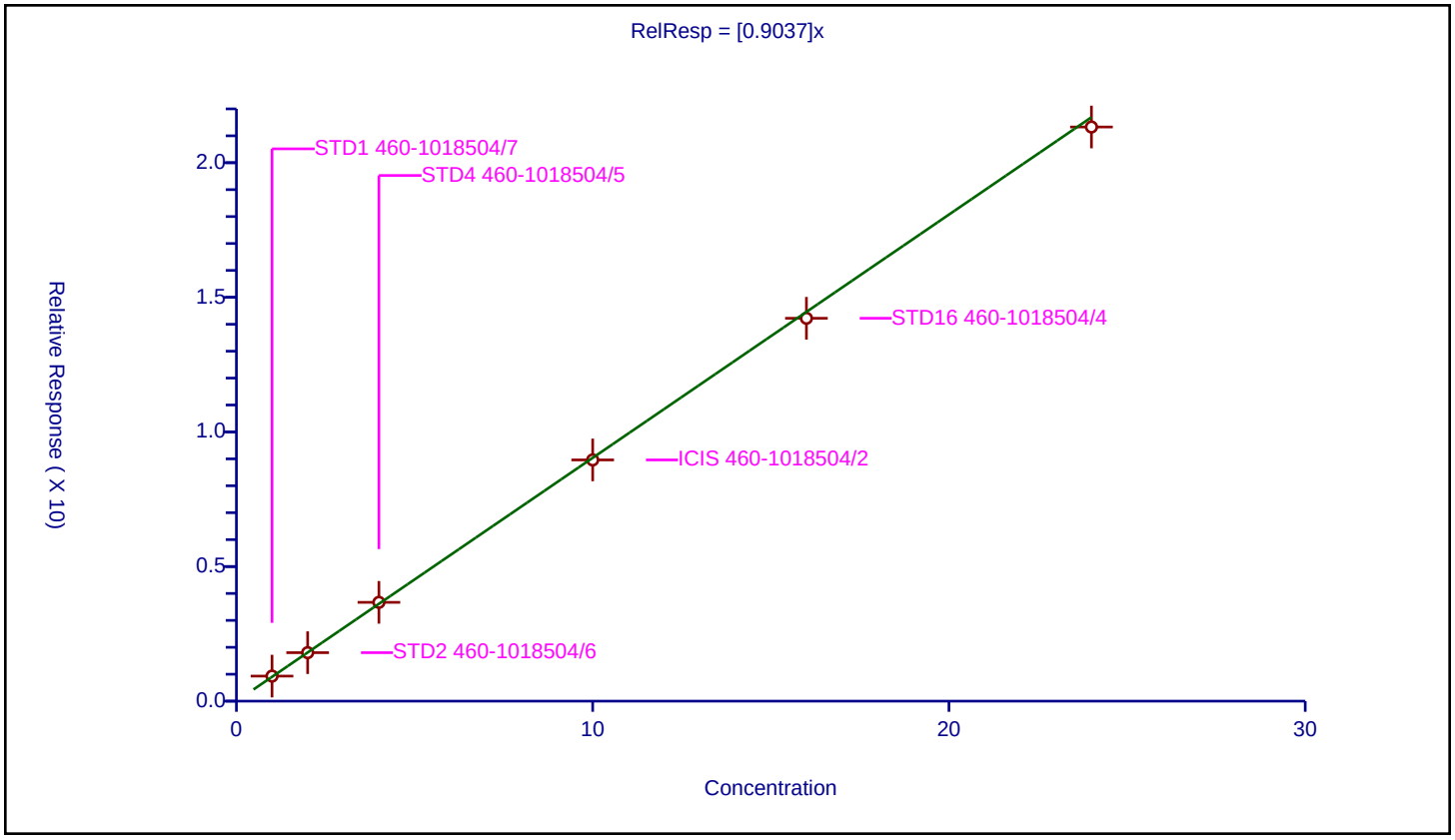
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9037 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.930818 | 8.0 | 1075983.0 | 0.930818 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.800763 | 8.0 | 1055779.0 | 0.900382 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 3.669694 | 8.0 | 938548.0 | 0.917424 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 8.959818 | 8.0 | 927267.0 | 0.895982 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 14.222237 | 8.0 | 881832.0 | 0.88889 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 21.327672 | 8.0 | 853931.0 | 0.888653 | Y |



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## Calibration / 2-Nitroaniline

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

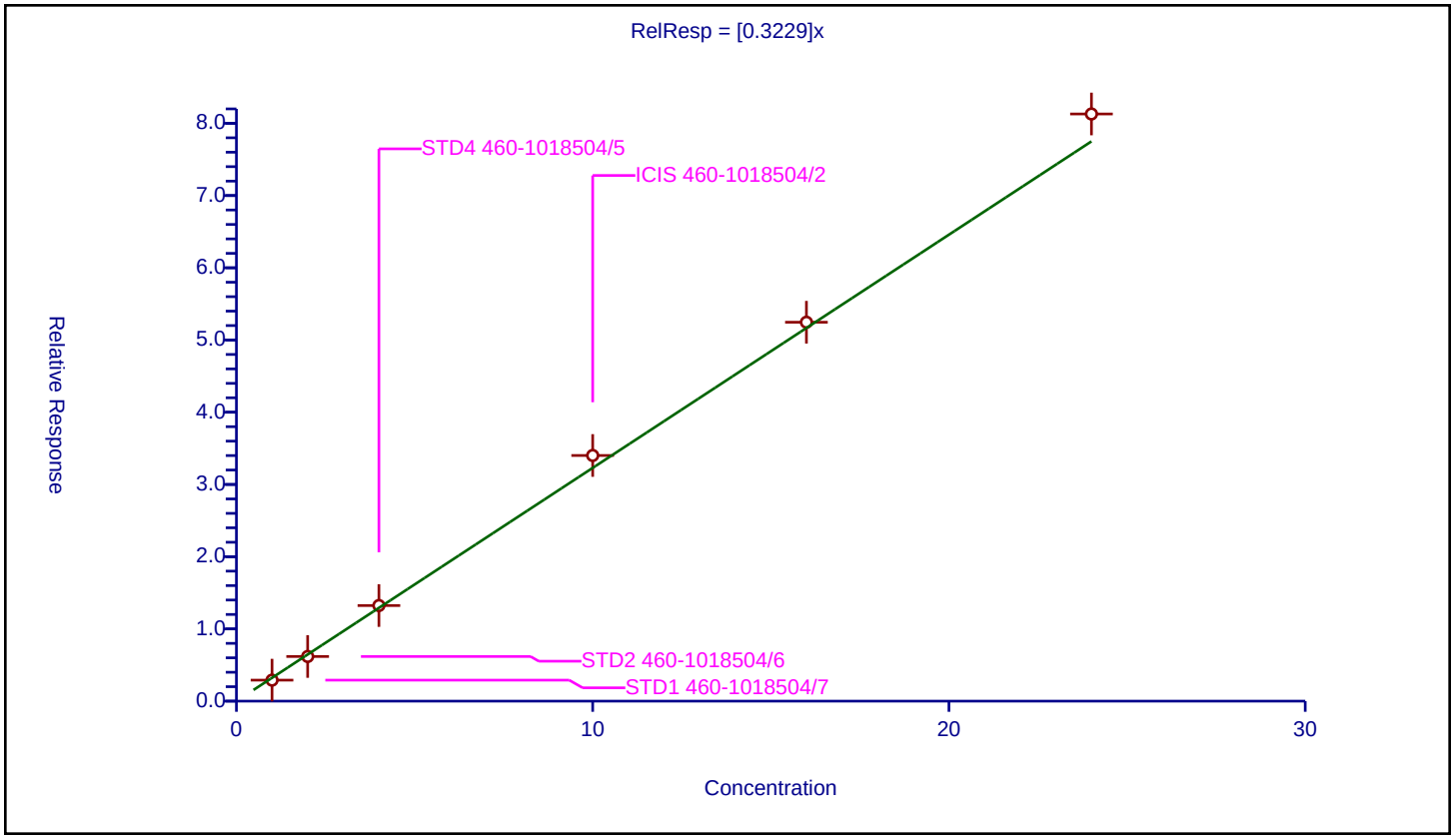
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3229 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.290741 | 8.0 | 1075983.0 | 0.290741 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.618122 | 8.0 | 1055779.0 | 0.309061 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.323832 | 8.0 | 938548.0 | 0.330958 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.401178 | 8.0 | 927267.0 | 0.340118 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 5.246097 | 8.0 | 881832.0 | 0.327881 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 8.129416 | 8.0 | 853931.0 | 0.338726 | Y |



## Calibration / 1,3-Dimethylnaphthalene

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

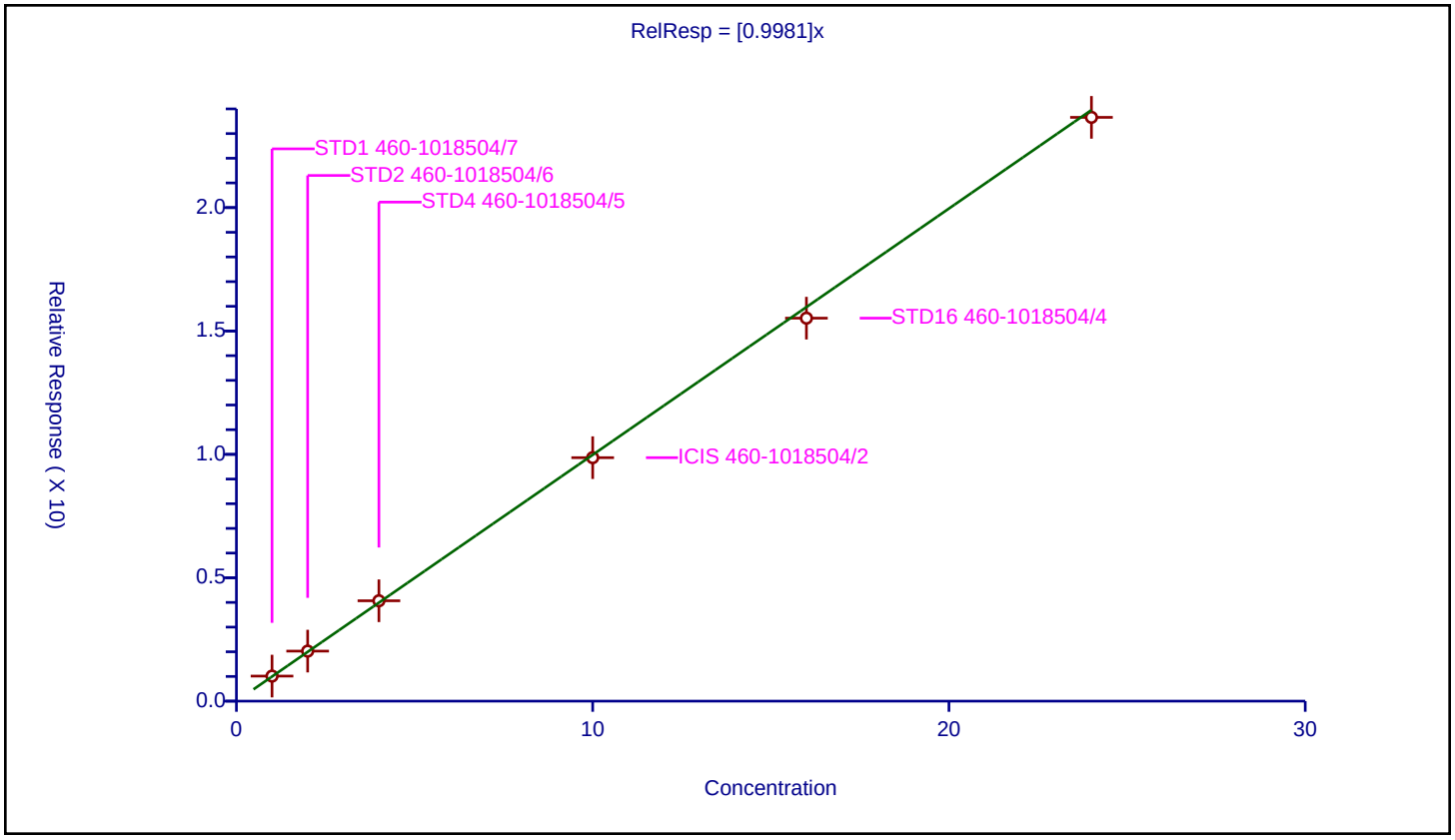
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9981 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.015503 | 8.0 | 1075983.0 | 1.015503 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.027455 | 8.0 | 1055779.0 | 1.013727 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.066972 | 8.0 | 938548.0 | 1.016743 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 9.866423 | 8.0 | 927267.0 | 0.986642 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 15.520308 | 8.0 | 881832.0 | 0.970019 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 23.657199 | 8.0 | 853931.0 | 0.985717 | Y |



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## Calibration / Coumarin

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

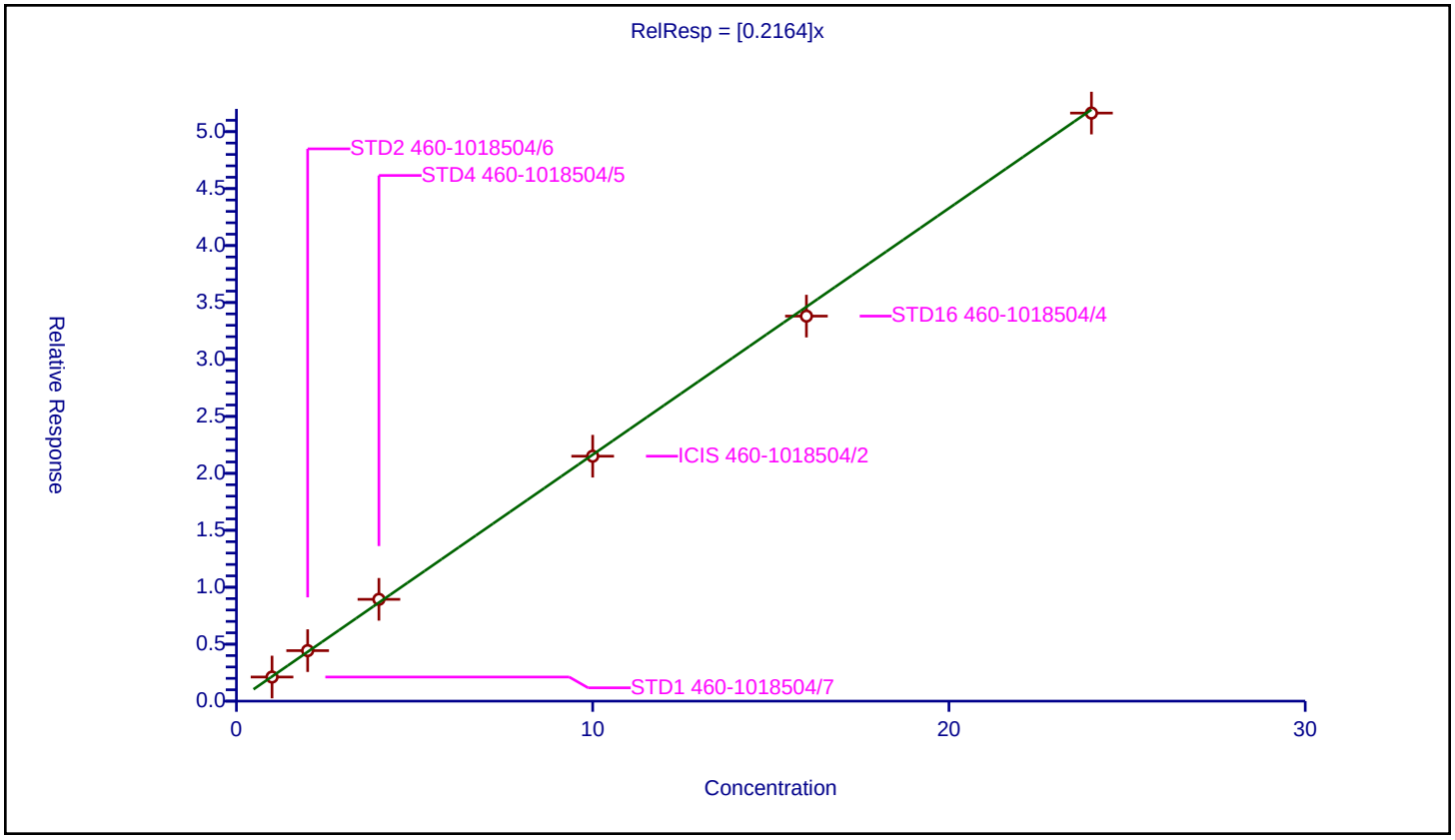
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2164 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.211664 | 8.0 | 2113614.0 | 0.211664 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.443512 | 8.0 | 2081096.0 | 0.221756 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 0.893791 | 8.0 | 1893347.0 | 0.223448 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.15055 | 8.0 | 1911976.0 | 0.215055 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 3.380582 | 8.0 | 1800308.0 | 0.211286 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 5.163181 | 8.0 | 1773646.0 | 0.215133 | Y |



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## Calibration / Dimethyl phthalate

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

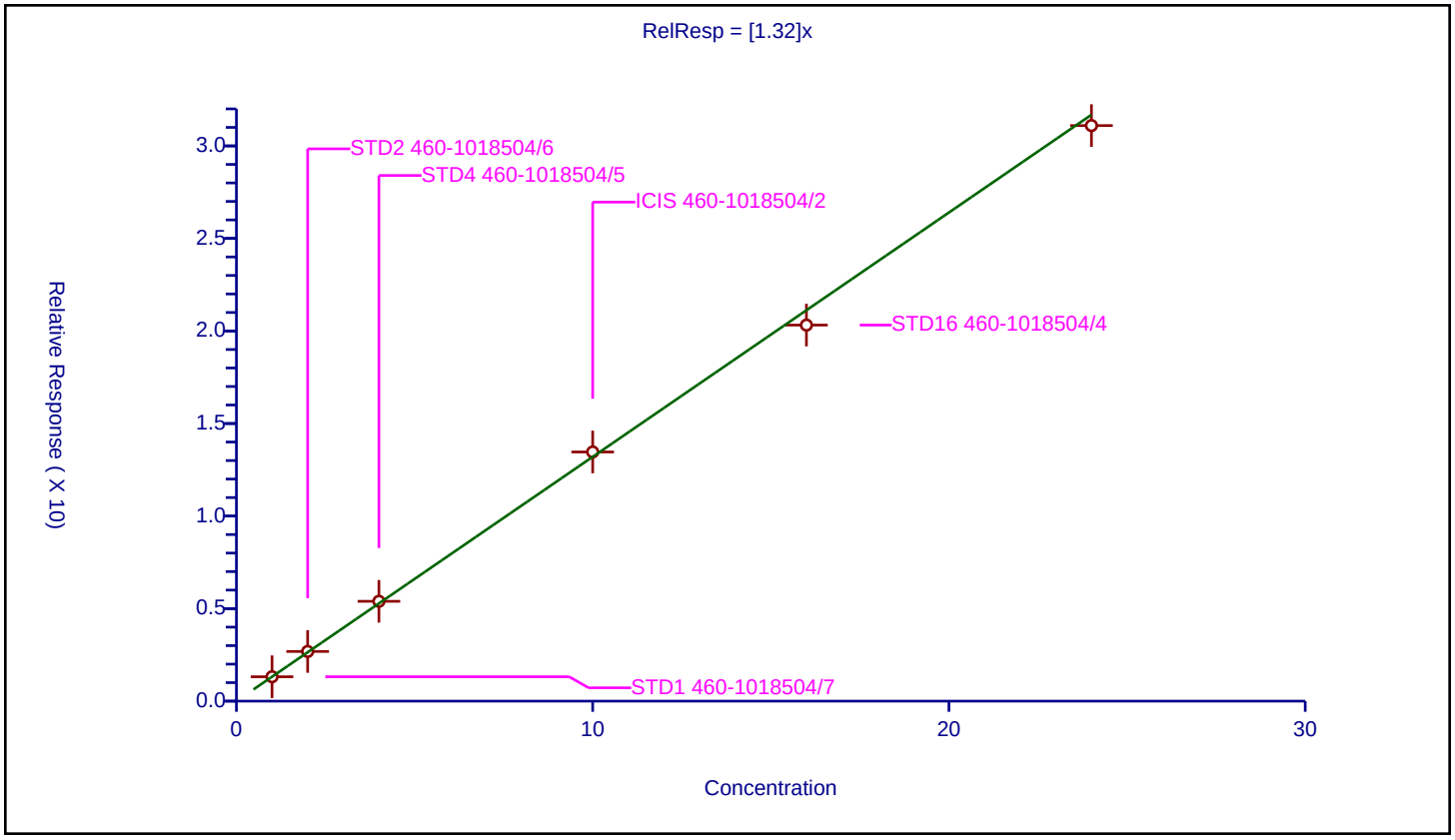
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.32 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.317523 | 8.0 | 1075983.0 | 1.317523 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.684607 | 8.0 | 1055779.0 | 1.342304 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 5.394154 | 8.0 | 938548.0 | 1.348538 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 13.463402 | 8.0 | 927267.0 | 1.34634 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 20.319399 | 8.0 | 881832.0 | 1.269962 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 31.097913 | 8.0 | 853931.0 | 1.295746 | Y |



## Calibration / 2,6-Dinitrotoluene

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

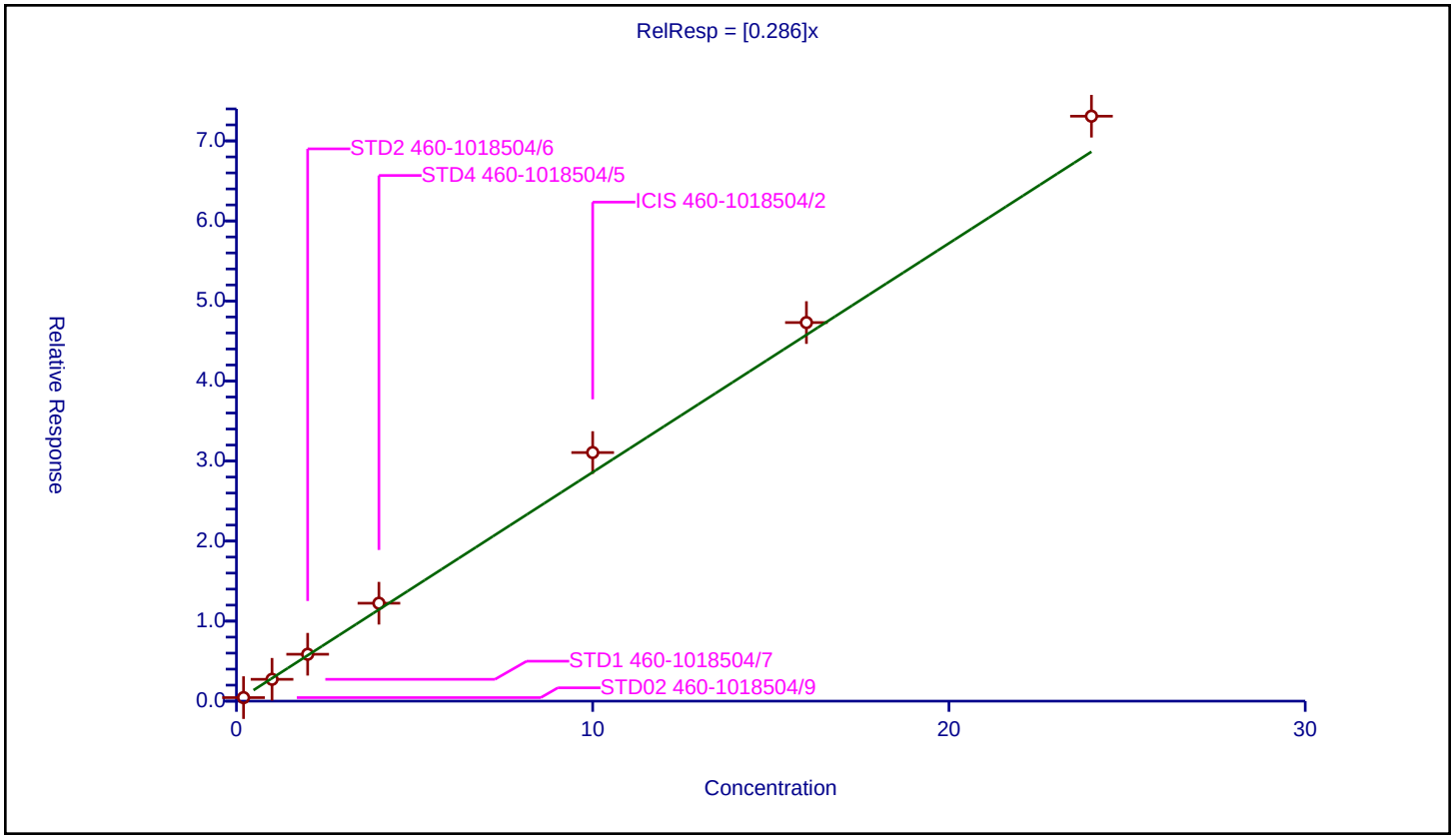
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.286 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.044023 | 8.0 | 1002211.0 | 0.220113 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.272607 | 8.0 | 1075983.0 | 0.272607 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.585736 | 8.0 | 1055779.0 | 0.292868 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.223405 | 8.0 | 938548.0 | 0.305851 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 3.105962 | 8.0 | 927267.0 | 0.310596 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 4.730343 | 8.0 | 881832.0 | 0.295646 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 7.308965 | 8.0 | 853931.0 | 0.30454 | Y |



## Calibration / Acenaphthylene

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

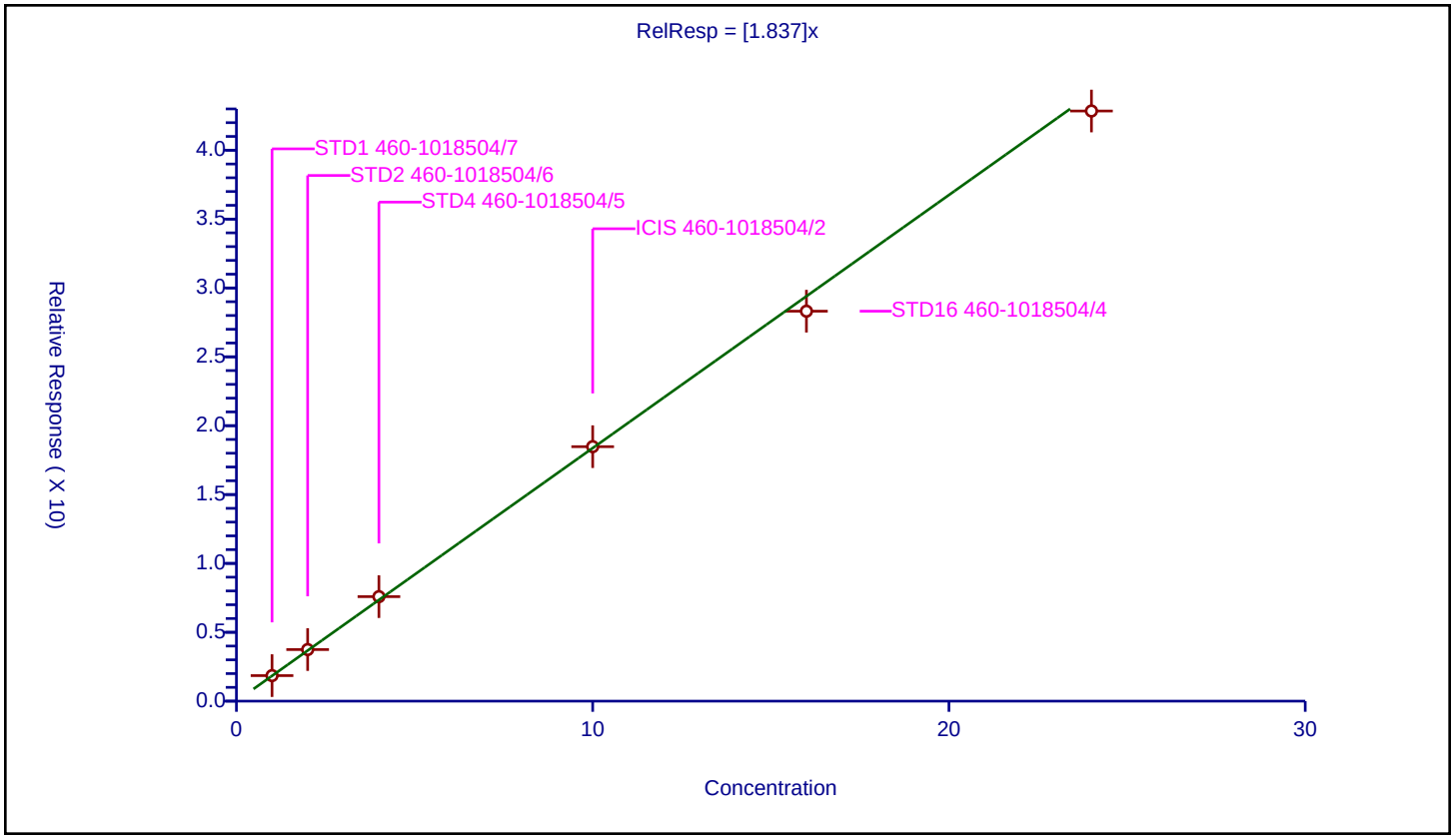
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.837 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.853115 | 8.0 | 1075983.0 | 1.853115 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 3.744299 | 8.0 | 1055779.0 | 1.872149 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 7.586817 | 8.0 | 938548.0 | 1.896704 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 18.475878 | 8.0 | 927267.0 | 1.847588 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 28.312141 | 8.0 | 881832.0 | 1.769509 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 42.847143 | 8.0 | 853931.0 | 1.785298 | Y |



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## Calibration / 3-Nitroaniline

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

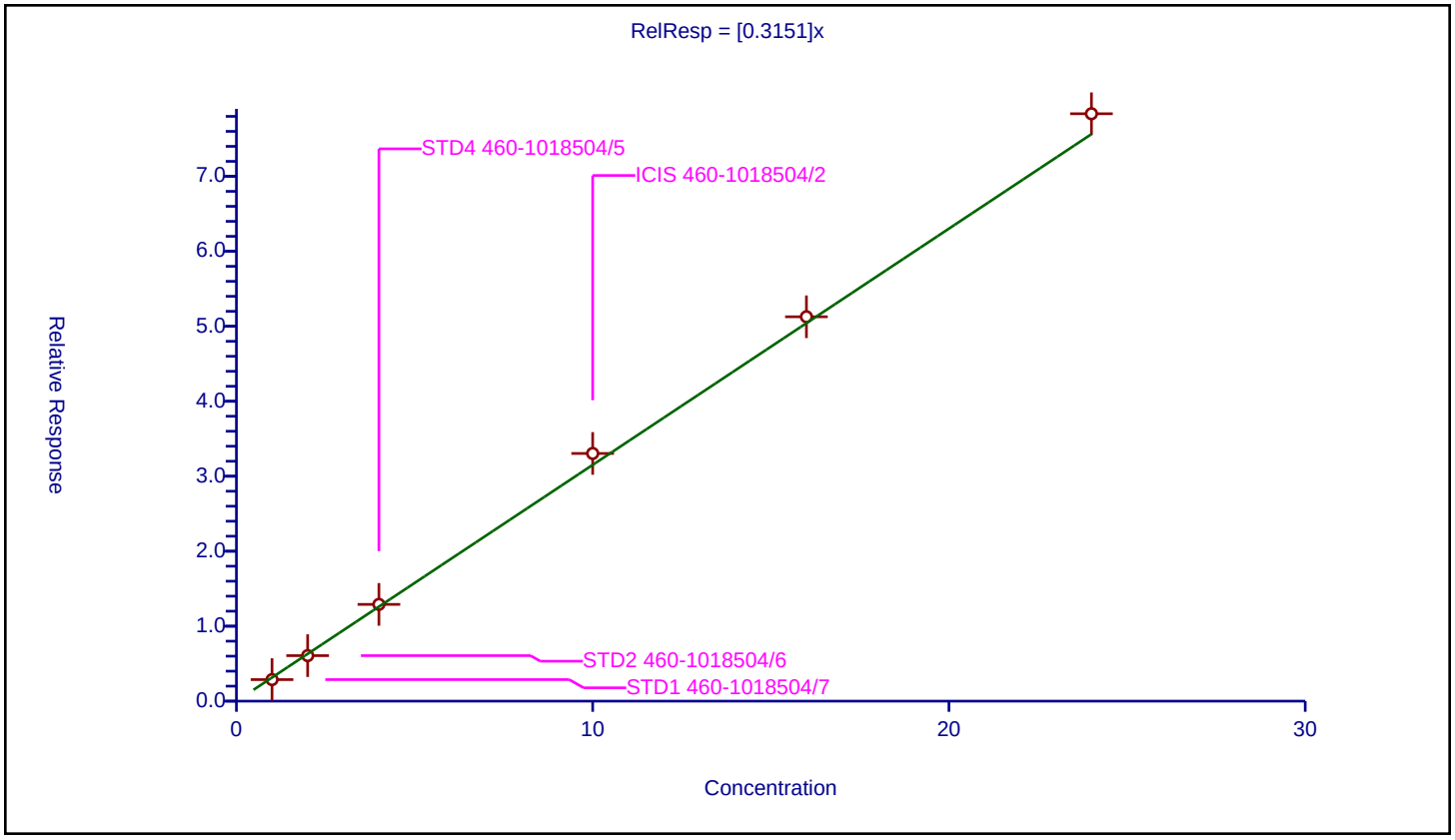
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3151 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.28738 | 8.0 | 1075983.0 | 0.28738 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.6069 | 8.0 | 1055779.0 | 0.30345 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.290649 | 8.0 | 938548.0 | 0.322662 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.303946 | 8.0 | 927267.0 | 0.330395 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 5.127045 | 8.0 | 881832.0 | 0.32044 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 7.835359 | 8.0 | 853931.0 | 0.326473 | Y |



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## Calibration / Acenaphthene

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

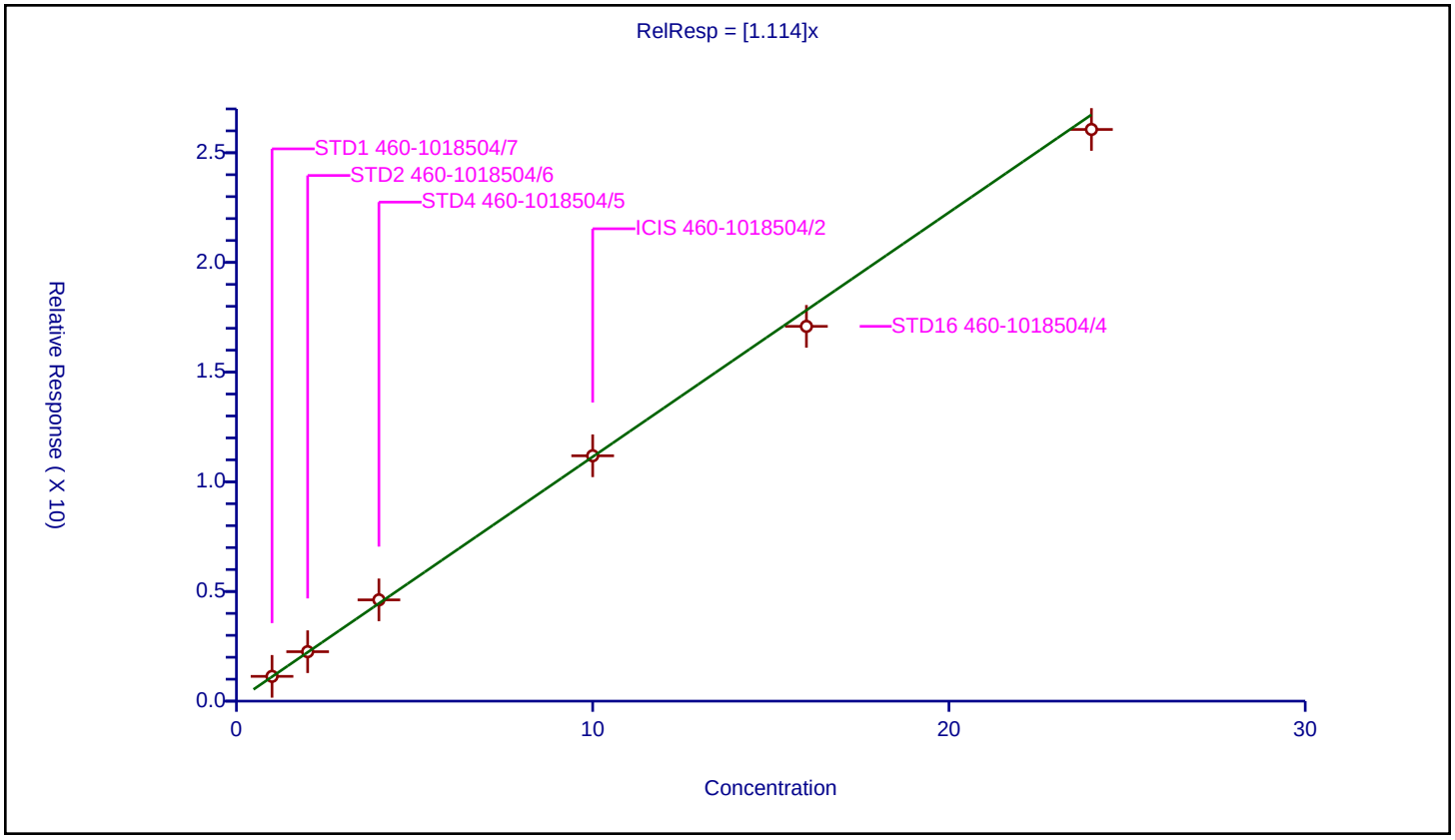
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.114 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.13001 | 8.0 | 1075983.0 | 1.13001 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.253699 | 8.0 | 1055779.0 | 1.126849 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.617533 | 8.0 | 938548.0 | 1.154383 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 11.186137 | 8.0 | 927267.0 | 1.118614 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 17.085731 | 8.0 | 881832.0 | 1.067858 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 26.062818 | 8.0 | 853931.0 | 1.085951 | Y |



## Calibration / 3,5-di-tert-butyl-4-hydroxytol

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

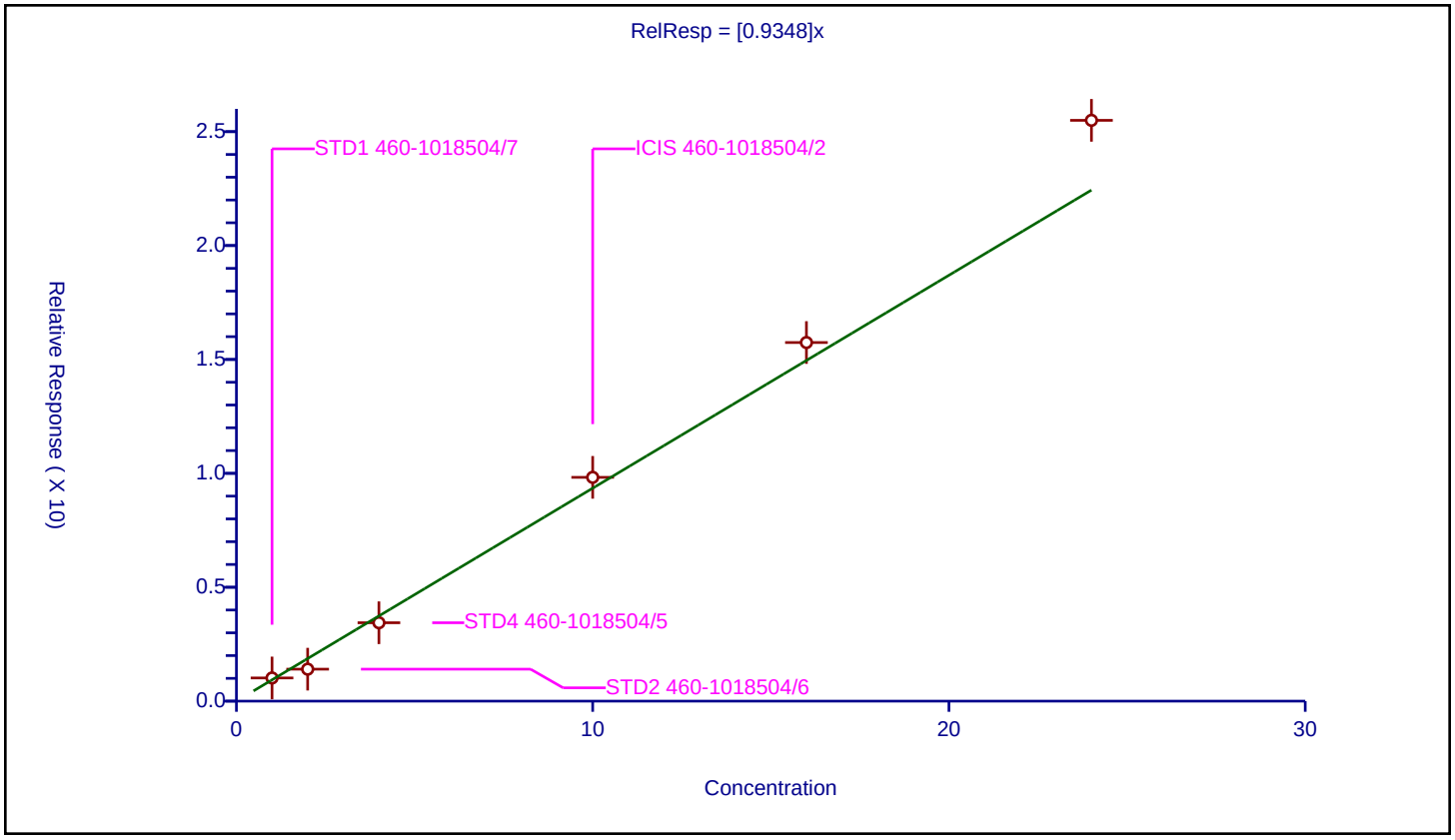
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9348 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.017518 | 8.0 | 1075983.0 | 1.017518 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.403953 | 8.0 | 1055779.0 | 0.701976 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 3.441998 | 8.0 | 938548.0 | 0.860499 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 9.824717 | 8.0 | 927267.0 | 0.982472 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 15.743788 | 8.0 | 881832.0 | 0.983987 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 25.497742 | 8.0 | 853931.0 | 1.062406 | Y |



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## Calibration / 2,4-Dinitrophenol

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

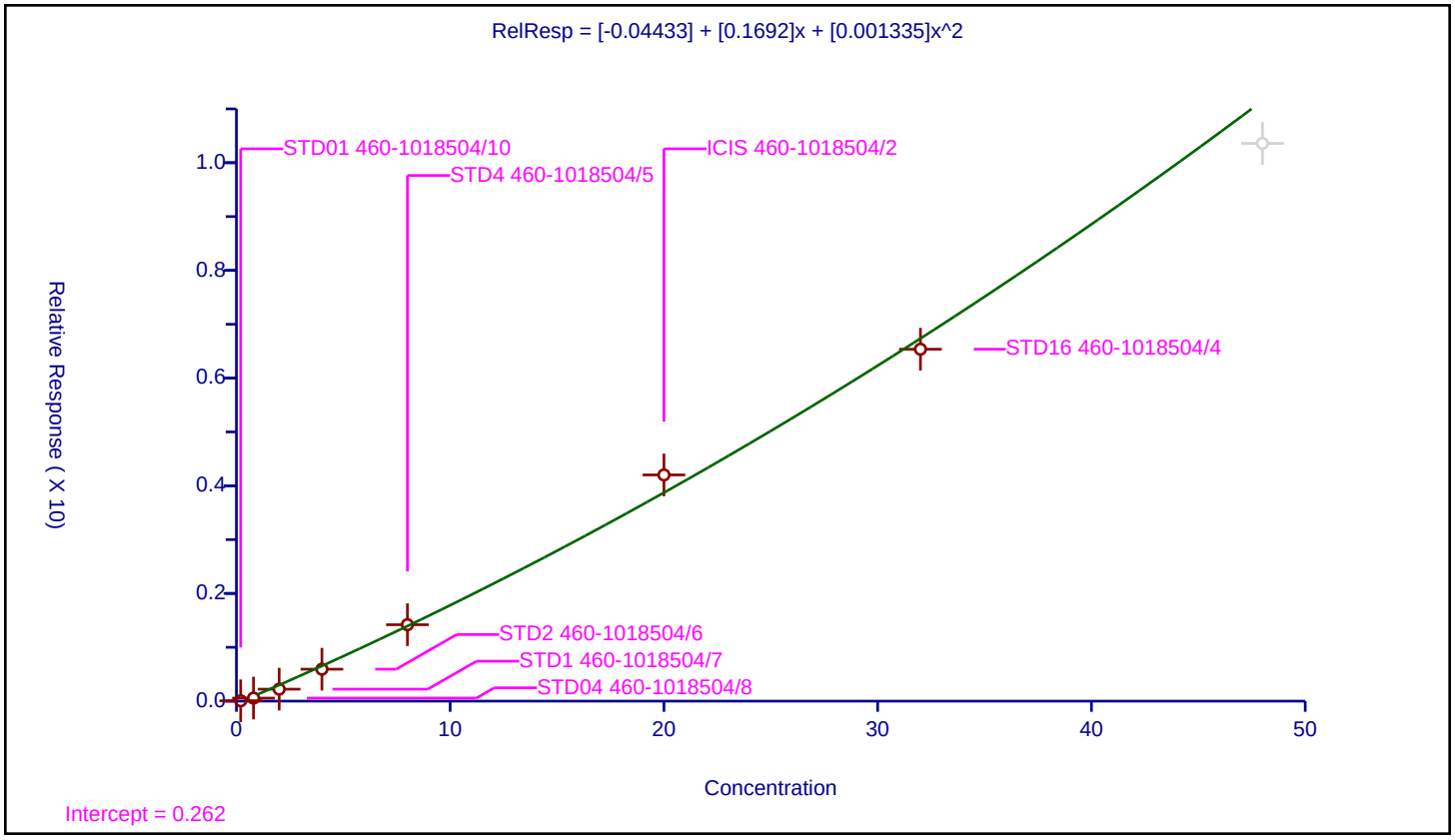
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.04433 |
| **Slope:** | 0.1692 |
| **Second Order:** | 0.001335 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 30.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.2 | 0.006377 | 8.0 | 1058781.0 | 0.031886 | Y |
| 2 | STD04 460-1018504/8 | 0.8 | 0.056565 | 8.0 | 1063415.0 | 0.070706 | Y |
| 3 | STD1 460-1018504/7 | 2.0 | 0.222583 | 8.0 | 1075983.0 | 0.111292 | Y |
| 4 | STD2 460-1018504/6 | 4.0 | 0.593458 | 8.0 | 1055779.0 | 0.148364 | Y |
| 5 | STD4 460-1018504/5 | 8.0 | 1.419648 | 8.0 | 938548.0 | 0.177456 | Y |
| 6 | ICIS 460-1018504/2 | 20.0 | 4.201422 | 8.0 | 927267.0 | 0.210071 | Y |
| 7 | STD16 460-1018504/4 | 32.0 | 6.536601 | 8.0 | 881832.0 | 0.204269 | Y |
| 8 | STD24 460-1018504/3 | 48.0 | 10.358935 | 8.0 | 853931.0 | 0.215811 | N |



## Calibration / 4-Nitrophenol

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

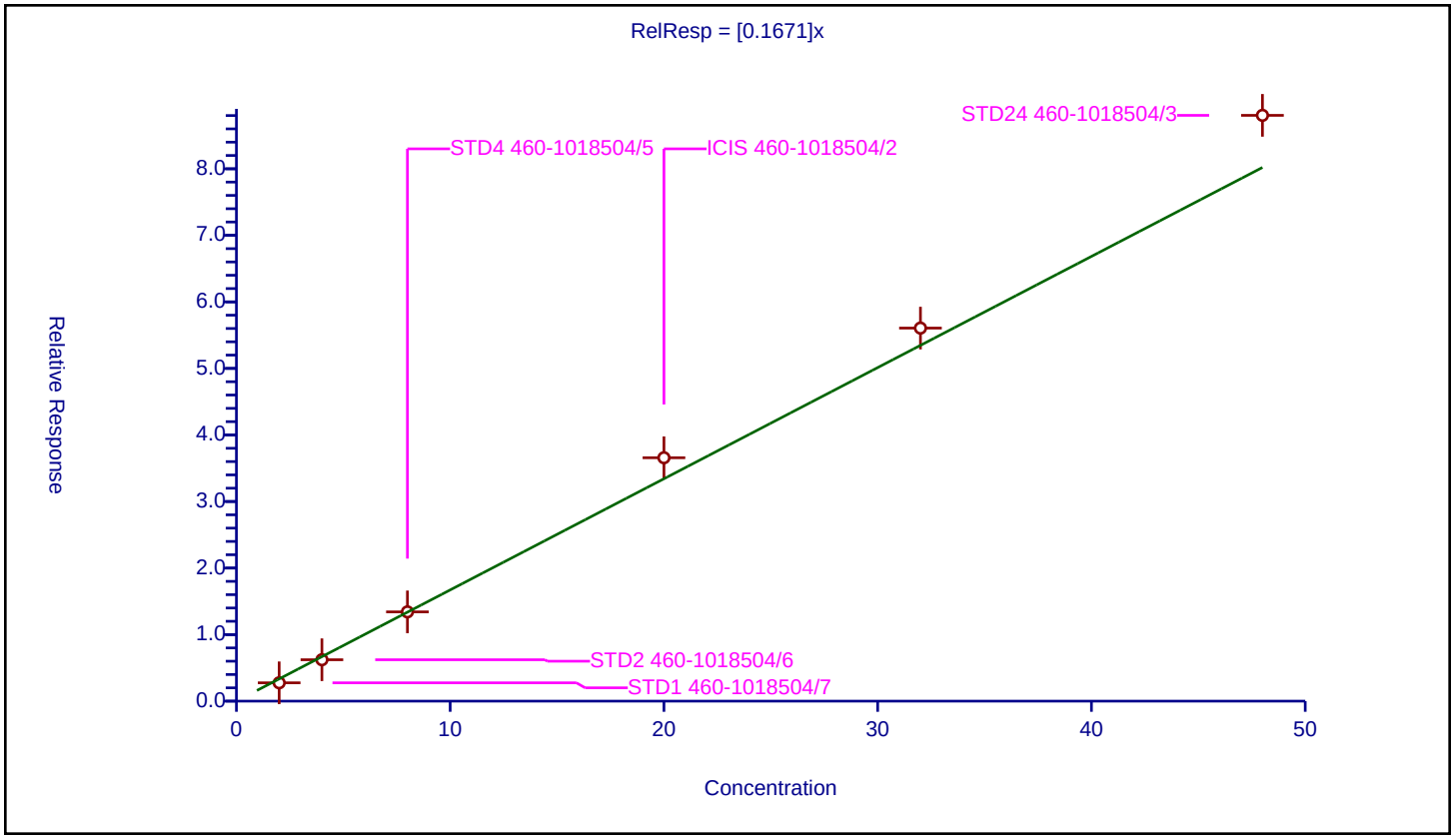
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1671 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 2.0 | 0.275566 | 8.0 | 1075983.0 | 0.137783 | Y |
| 2 | STD2 460-1018504/6 | 4.0 | 0.622358 | 8.0 | 1055779.0 | 0.155589 | Y |
| 3 | STD4 460-1018504/5 | 8.0 | 1.341238 | 8.0 | 938548.0 | 0.167655 | Y |
| 4 | ICIS 460-1018504/2 | 20.0 | 3.65776 | 8.0 | 927267.0 | 0.182888 | Y |
| 5 | STD16 460-1018504/4 | 32.0 | 5.606038 | 8.0 | 881832.0 | 0.175189 | Y |
| 6 | STD24 460-1018504/3 | 48.0 | 8.802735 | 8.0 | 853931.0 | 0.18339 | Y |



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## Calibration / Dibenzofuran

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

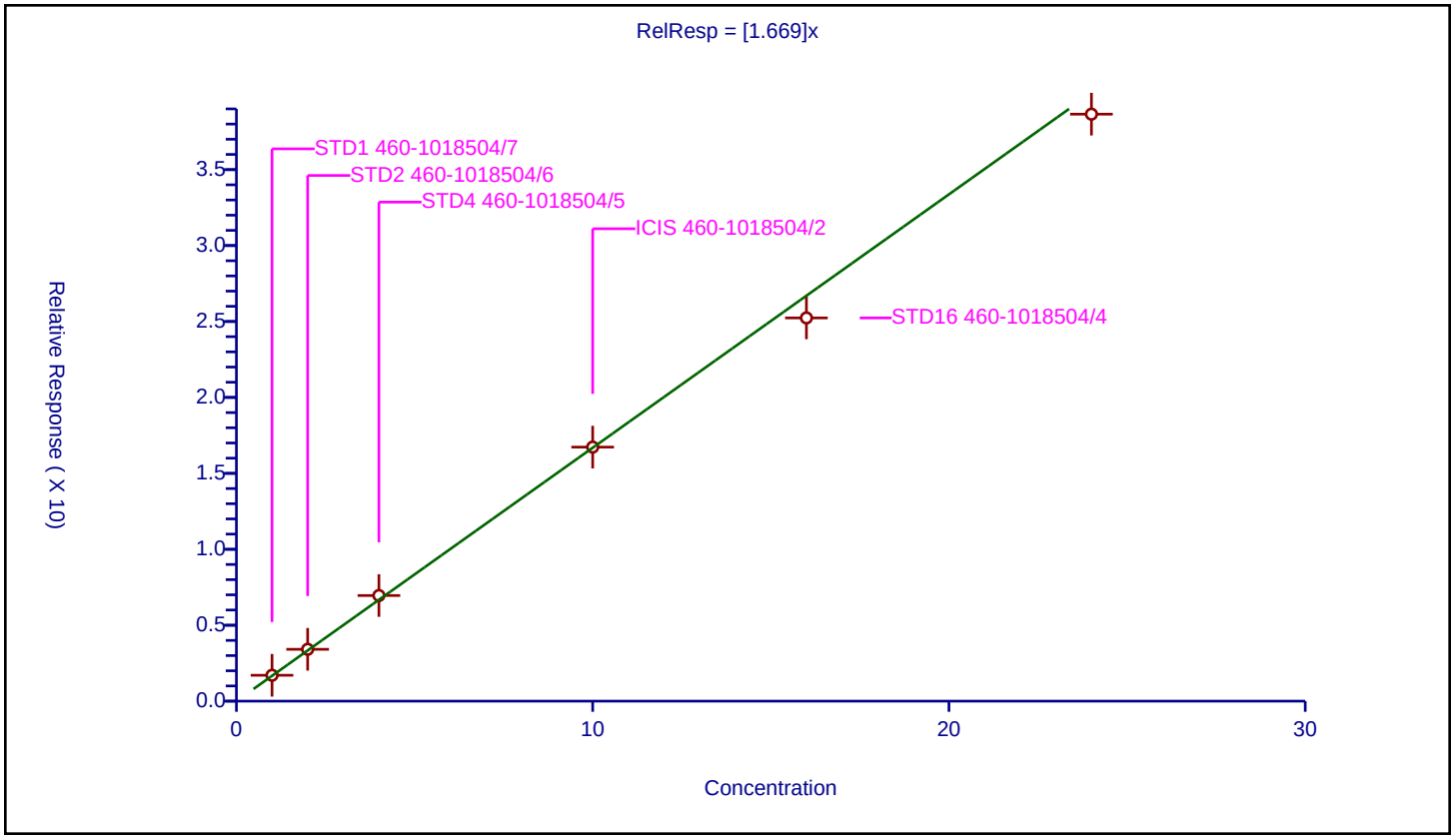
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.669 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.704696 | 8.0 | 1075983.0 | 1.704696 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 3.414578 | 8.0 | 1055779.0 | 1.707289 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 6.955408 | 8.0 | 938548.0 | 1.738852 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 16.727359 | 8.0 | 927267.0 | 1.672736 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 25.236072 | 8.0 | 881832.0 | 1.577255 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 38.652968 | 8.0 | 853931.0 | 1.61054 | Y |



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## Calibration / 2,4-Dinitrotoluene

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

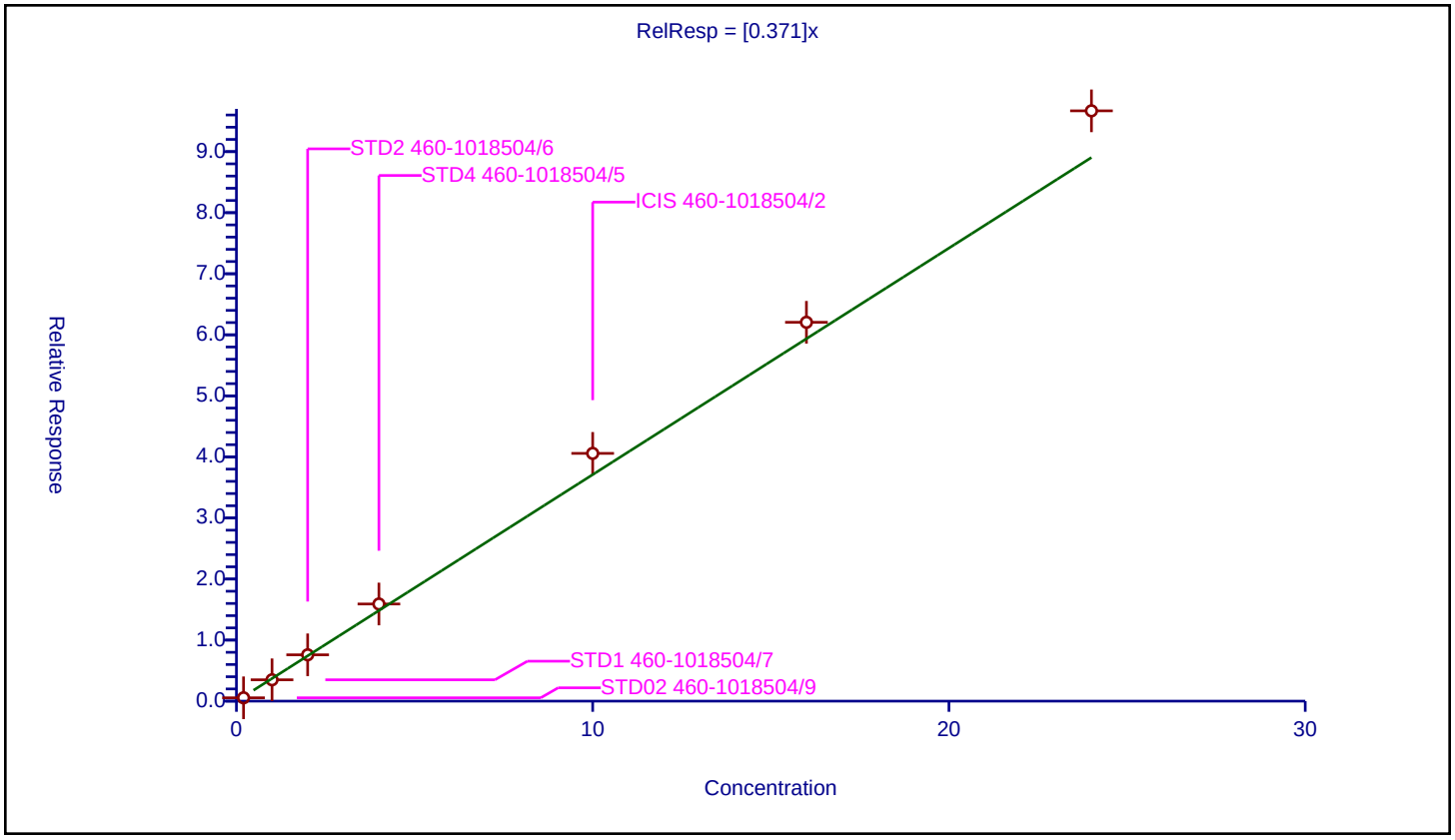
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.371 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.054711 | 8.0 | 1002211.0 | 0.273555 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.349782 | 8.0 | 1075983.0 | 0.349782 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.758818 | 8.0 | 1055779.0 | 0.379409 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.59113 | 8.0 | 938548.0 | 0.397783 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 4.057929 | 8.0 | 927267.0 | 0.405793 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 6.205037 | 8.0 | 881832.0 | 0.387815 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 9.668013 | 8.0 | 853931.0 | 0.402834 | Y |



## Calibration / 2,3,4,6-Tetrachlorophenol

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

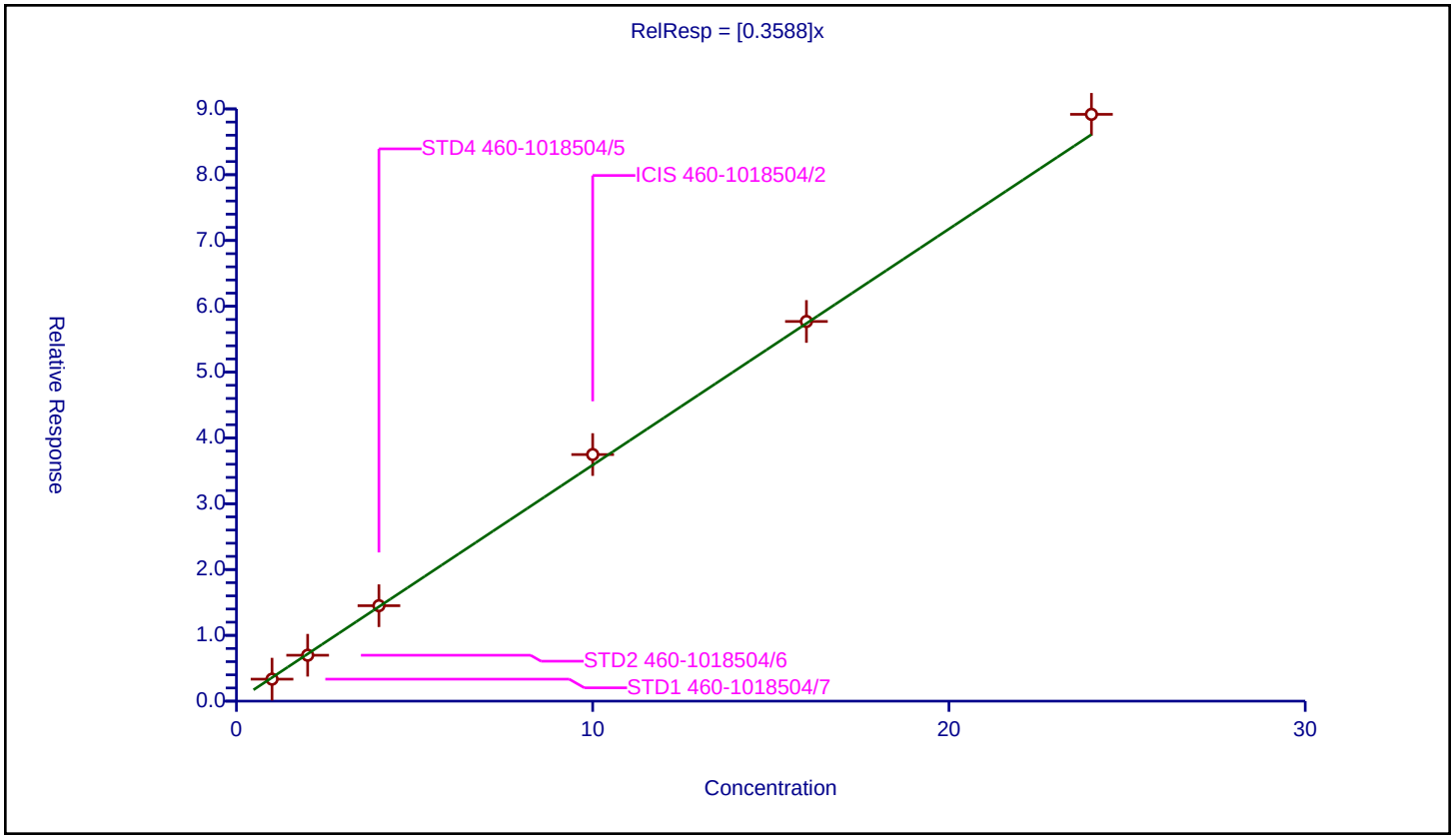
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3588 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.334176 | 8.0 | 1075983.0 | 0.334176 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.697699 | 8.0 | 1055779.0 | 0.34885 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.450496 | 8.0 | 938548.0 | 0.362624 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.747287 | 8.0 | 927267.0 | 0.374729 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 5.769788 | 8.0 | 881832.0 | 0.360612 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 8.917517 | 8.0 | 853931.0 | 0.371563 | Y |



## Calibration / Diethyl phthalate

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

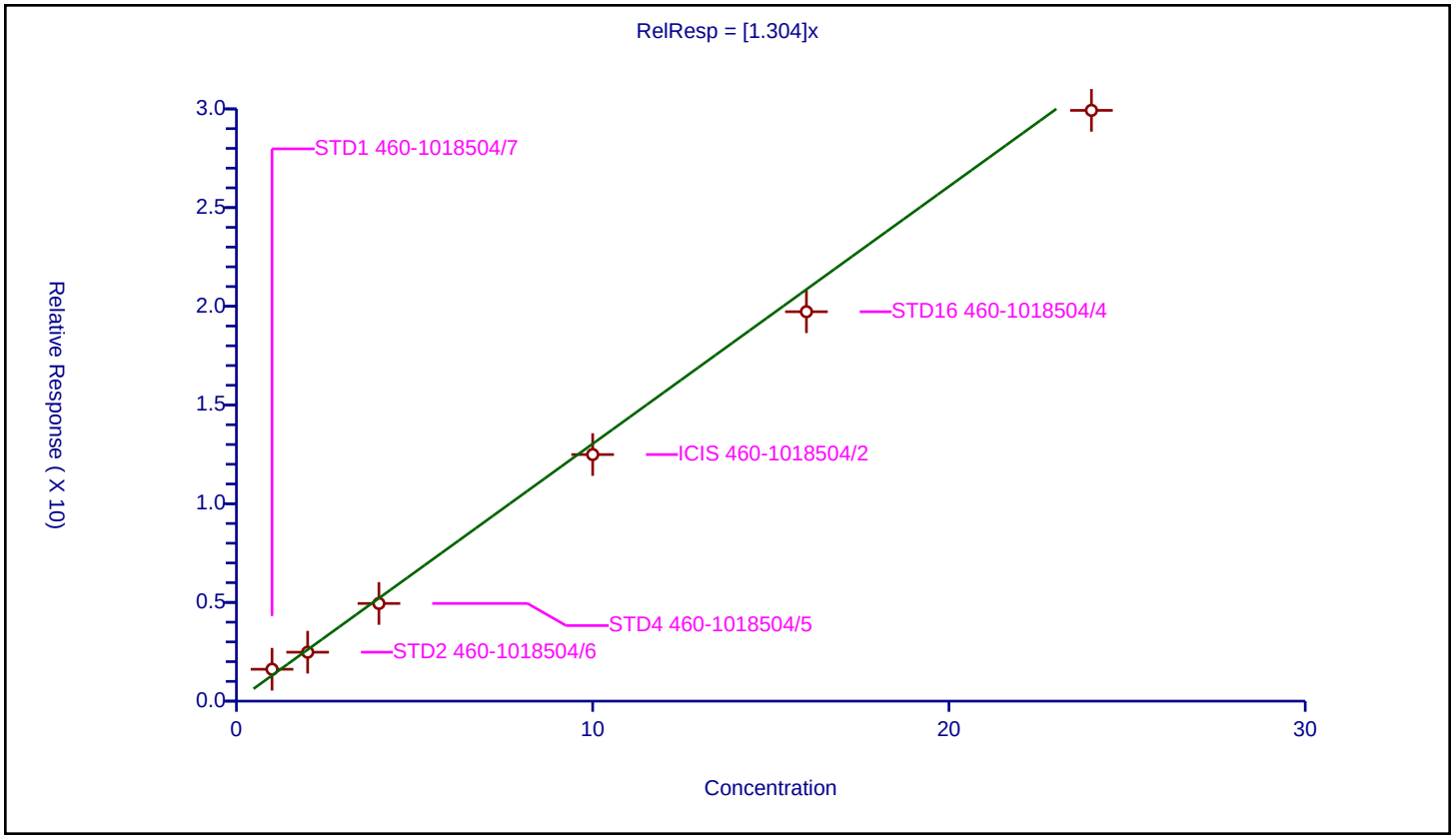
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.304 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.615505 | 8.0 | 1075983.0 | 1.615505 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.479337 | 8.0 | 1055779.0 | 1.239669 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.947804 | 8.0 | 938548.0 | 1.236951 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 12.490383 | 8.0 | 927267.0 | 1.249038 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 19.726751 | 8.0 | 881832.0 | 1.232922 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 29.926362 | 8.0 | 853931.0 | 1.246932 | Y |



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## Calibration / Fluorene

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

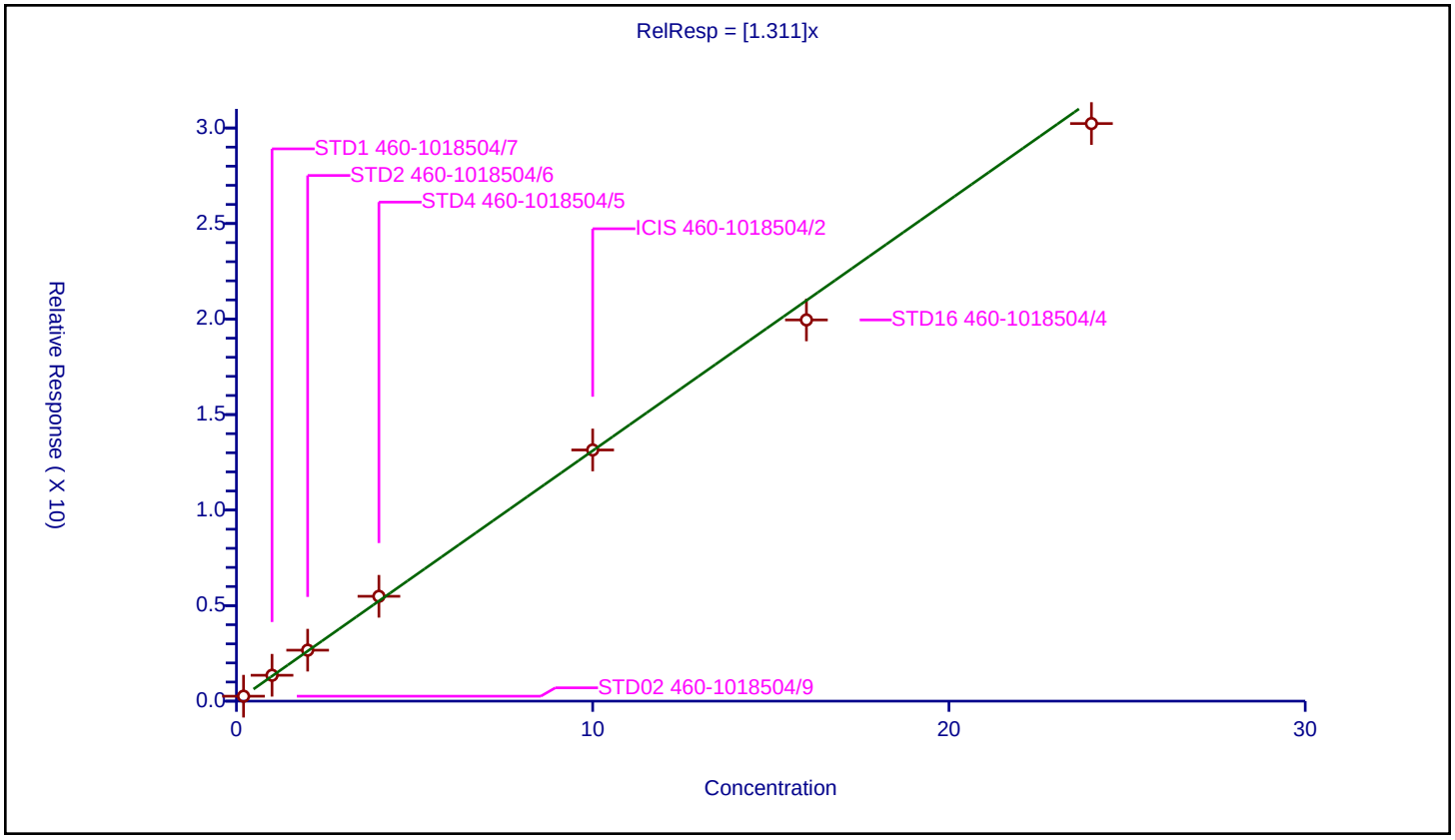
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.311 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.258852 | 8.0 | 1002211.0 | 1.294258 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.353873 | 8.0 | 1075983.0 | 1.353873 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 2.667899 | 8.0 | 1055779.0 | 1.33395 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 5.487609 | 8.0 | 938548.0 | 1.371902 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 13.146401 | 8.0 | 927267.0 | 1.31464 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 19.954223 | 8.0 | 881832.0 | 1.247139 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 30.232532 | 8.0 | 853931.0 | 1.259689 | Y |



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## Calibration / 4-Chlorophenyl phenyl ether

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

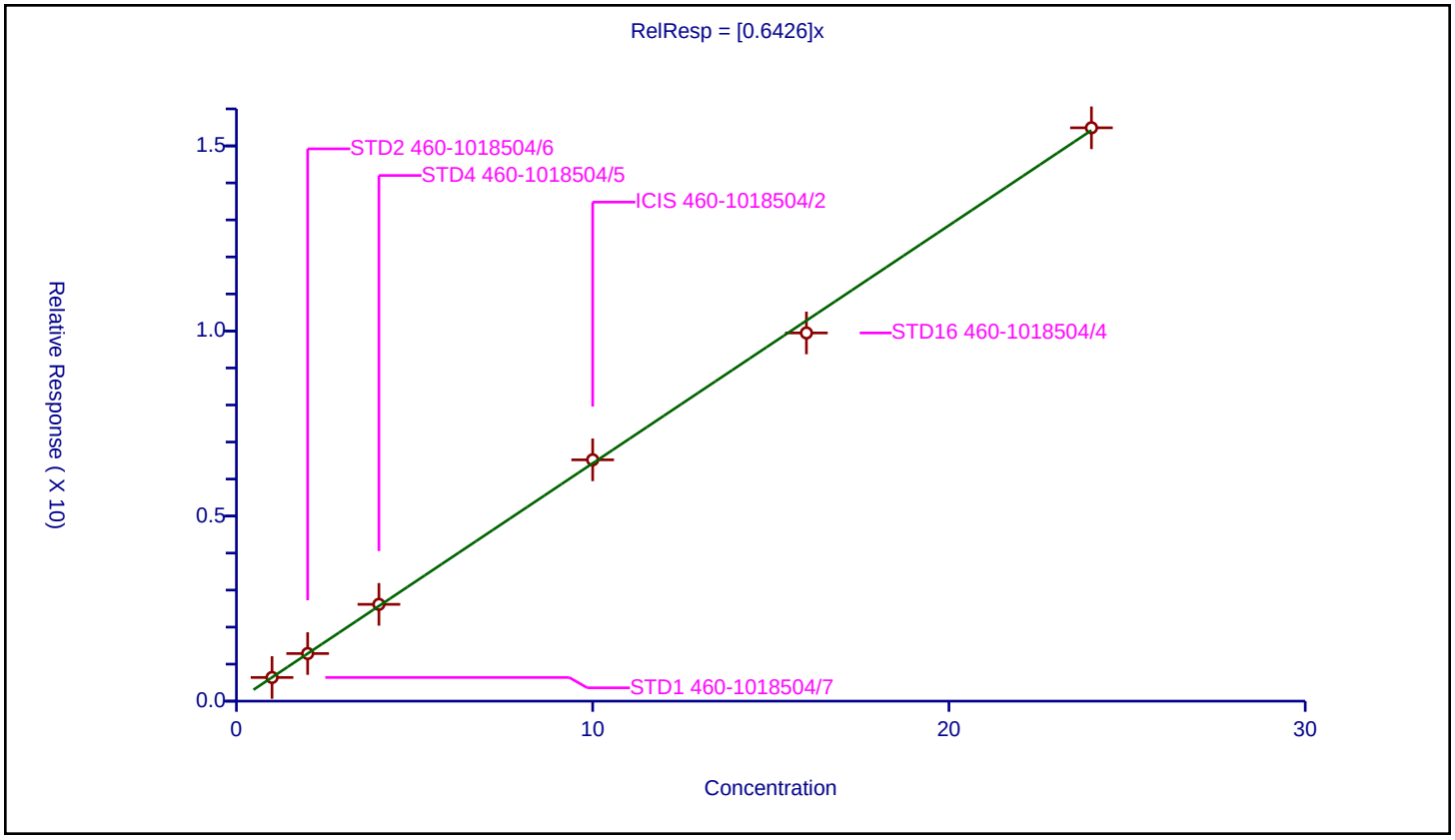
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6426 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.639326 | 8.0 | 1075983.0 | 0.639326 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.286239 | 8.0 | 1055779.0 | 0.643119 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.615453 | 8.0 | 938548.0 | 0.653863 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 6.519693 | 8.0 | 927267.0 | 0.651969 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 9.947355 | 8.0 | 881832.0 | 0.62171 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 15.489242 | 8.0 | 853931.0 | 0.645385 | Y |



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## Calibration / 4-Nitroaniline

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

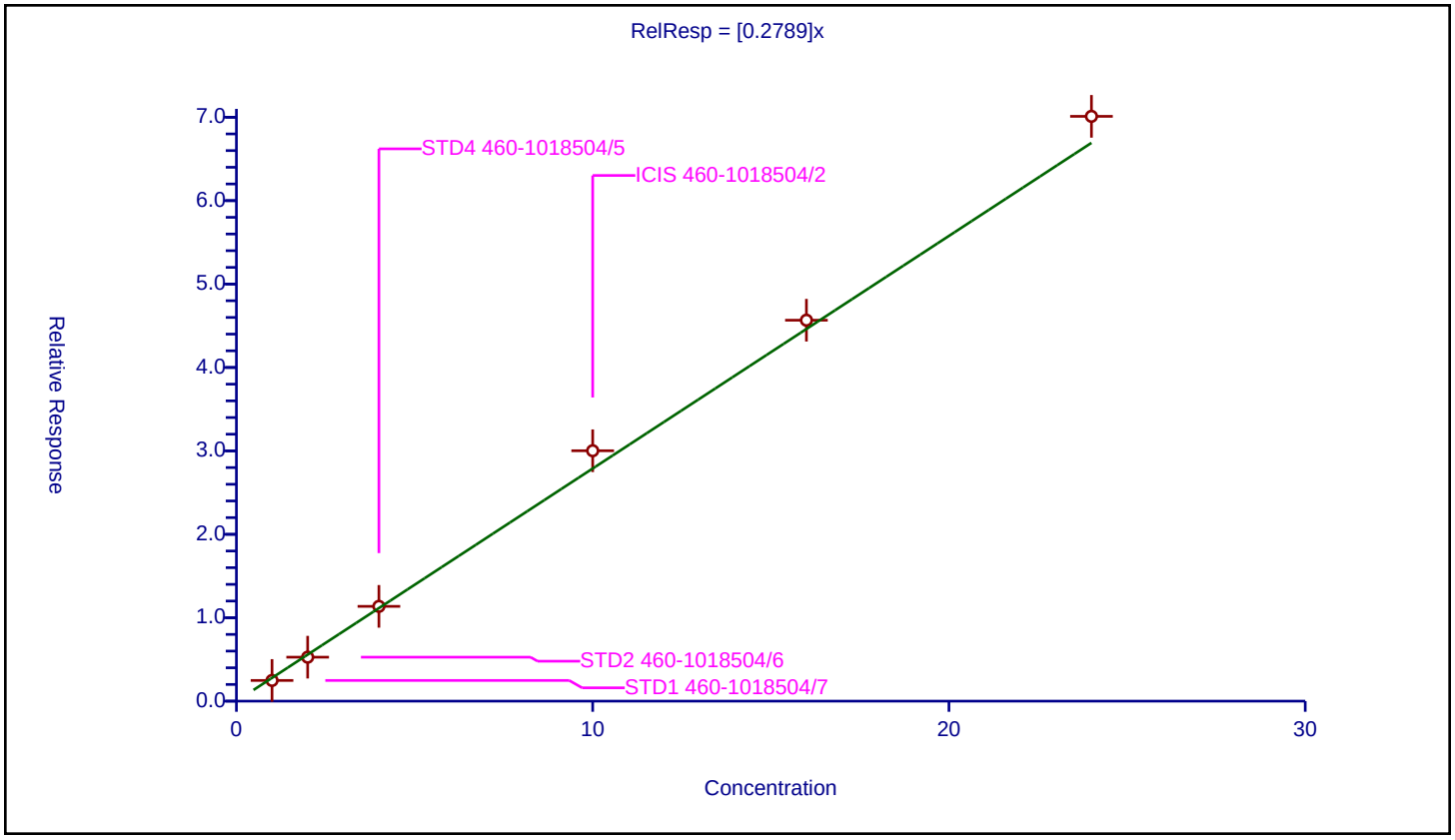
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2789 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.247855 | 8.0 | 1075983.0 | 0.247855 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.526989 | 8.0 | 1055779.0 | 0.263495 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.1363 | 8.0 | 938548.0 | 0.284075 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.001931 | 8.0 | 927267.0 | 0.300193 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 4.566865 | 8.0 | 881832.0 | 0.285429 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 7.010477 | 8.0 | 853931.0 | 0.292103 | Y |



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## Calibration / 4,6-Dinitro-2-methylphenol

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

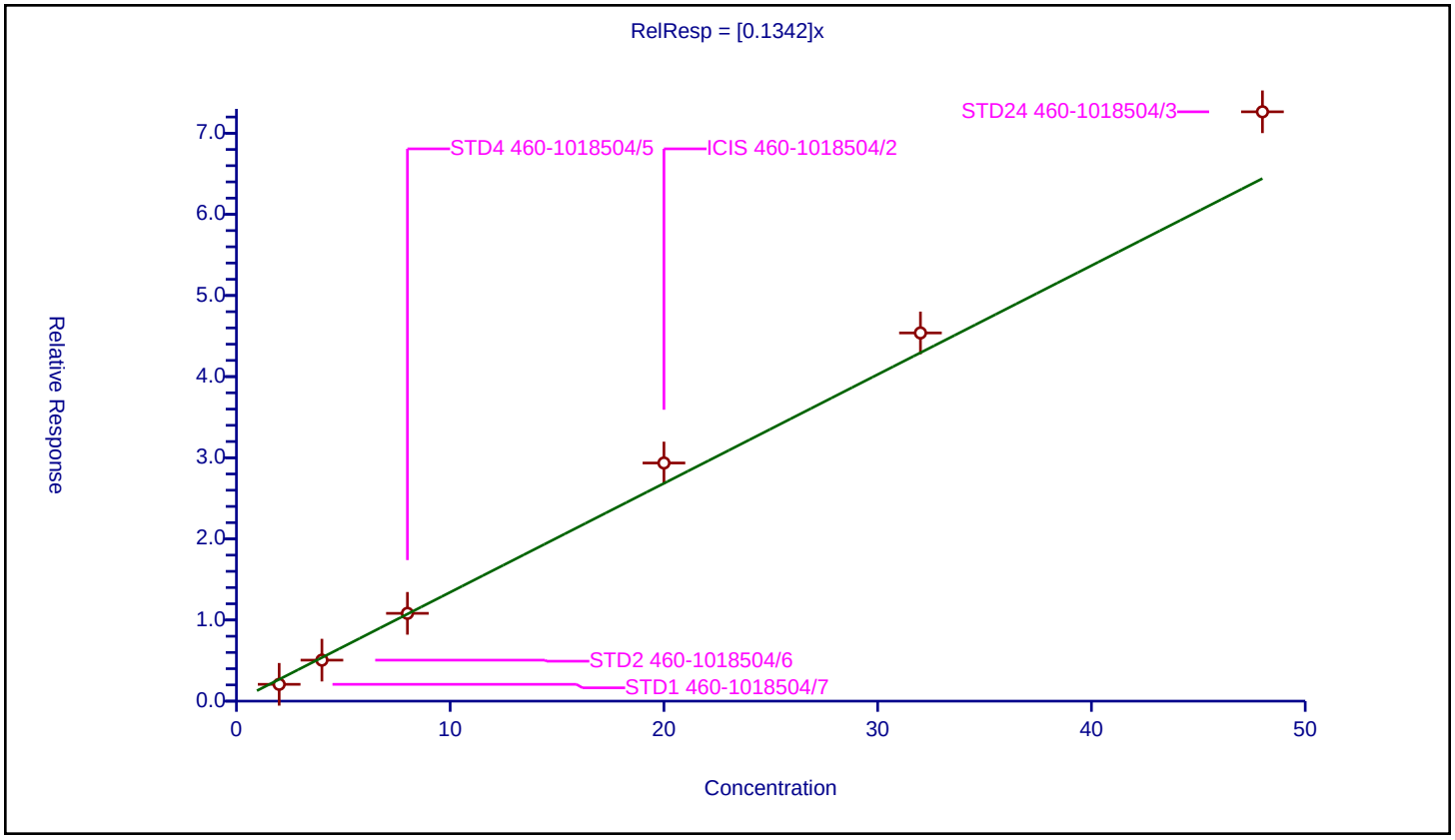
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1342 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 2.0 | 0.207312 | 8.0 | 1867794.0 | 0.103656 | Y |
| 2 | STD2 460-1018504/6 | 4.0 | 0.505541 | 8.0 | 1805051.0 | 0.126385 | Y |
| 3 | STD4 460-1018504/5 | 8.0 | 1.082124 | 8.0 | 1623688.0 | 0.135266 | Y |
| 4 | ICIS 460-1018504/2 | 20.0 | 2.935522 | 8.0 | 1587648.0 | 0.146776 | Y |
| 5 | STD16 460-1018504/4 | 32.0 | 4.53839 | 8.0 | 1499032.0 | 0.141825 | Y |
| 6 | STD24 460-1018504/3 | 48.0 | 7.264129 | 8.0 | 1434176.0 | 0.151336 | Y |



## Calibration / N-Nitrosodiphenylamine

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

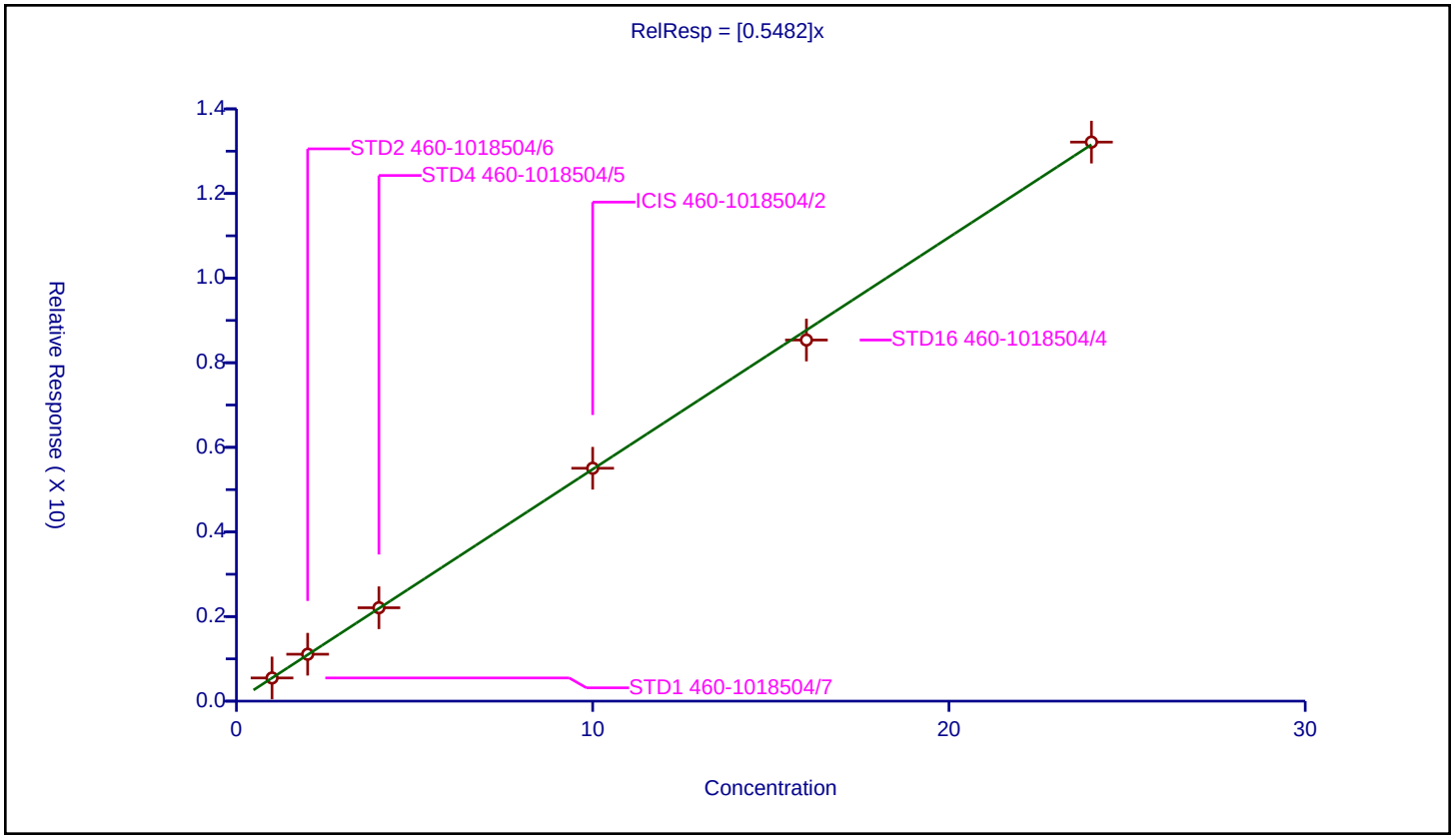
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5482 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.547872 | 8.0 | 1867794.0 | 0.547872 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.108822 | 8.0 | 1805051.0 | 0.554411 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.20771 | 8.0 | 1623688.0 | 0.551927 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 5.505467 | 8.0 | 1587648.0 | 0.550547 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 8.53648 | 8.0 | 1499032.0 | 0.53353 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 13.214763 | 8.0 | 1434176.0 | 0.550615 | Y |



## Calibration / 1,2-Diphenylhydrazine

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

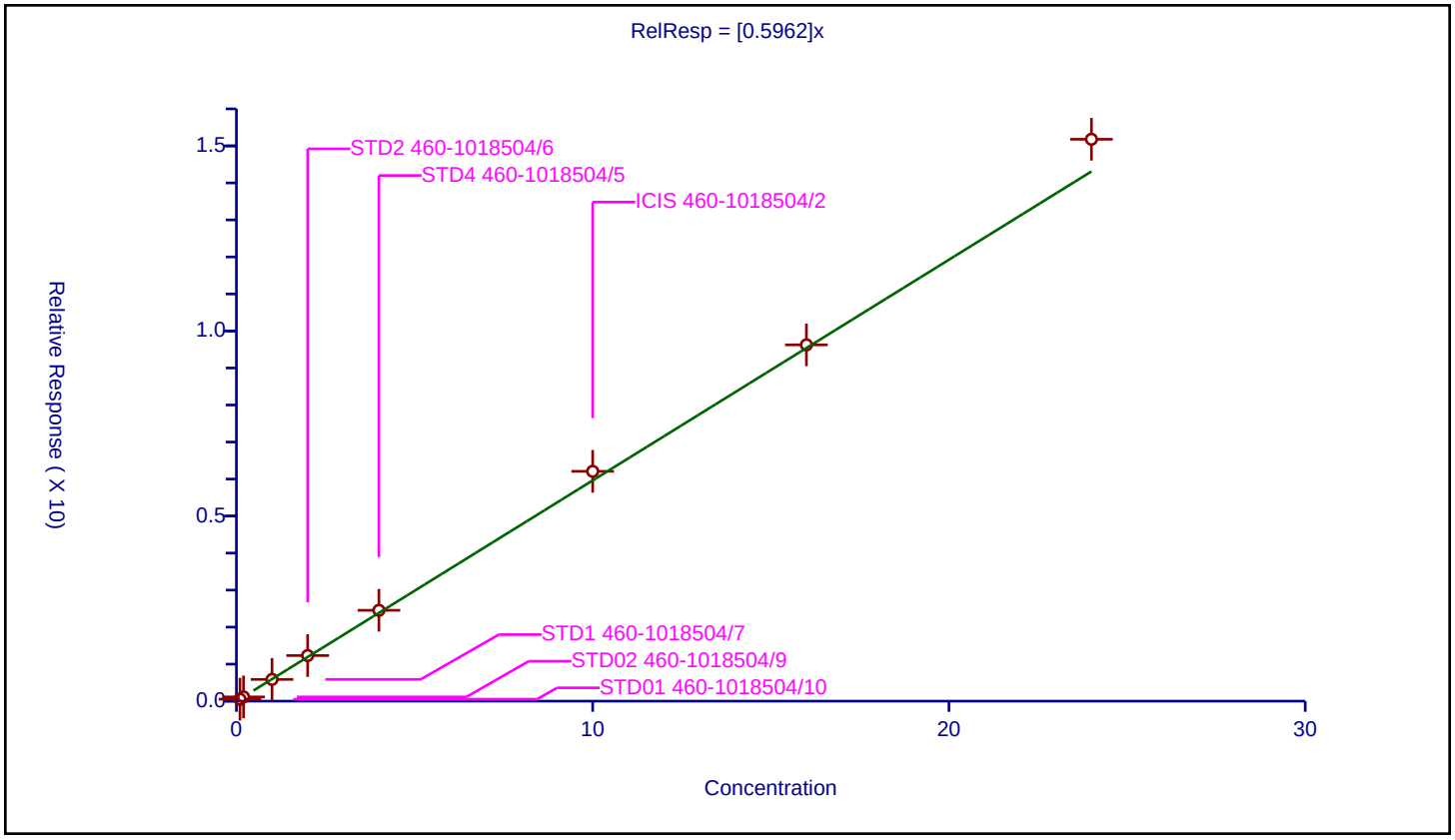
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5962 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.05296 | 8.0 | 1850766.0 | 0.529597 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.113899 | 8.0 | 1752437.0 | 0.569493 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.58666 | 8.0 | 1867794.0 | 0.58666 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 1.231531 | 8.0 | 1805051.0 | 0.615765 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 2.454151 | 8.0 | 1623688.0 | 0.613538 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 6.208328 | 8.0 | 1587648.0 | 0.620833 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 9.625764 | 8.0 | 1499032.0 | 0.60161 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 15.179063 | 8.0 | 1434176.0 | 0.632461 | Y |



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## Calibration / Azobenzene

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

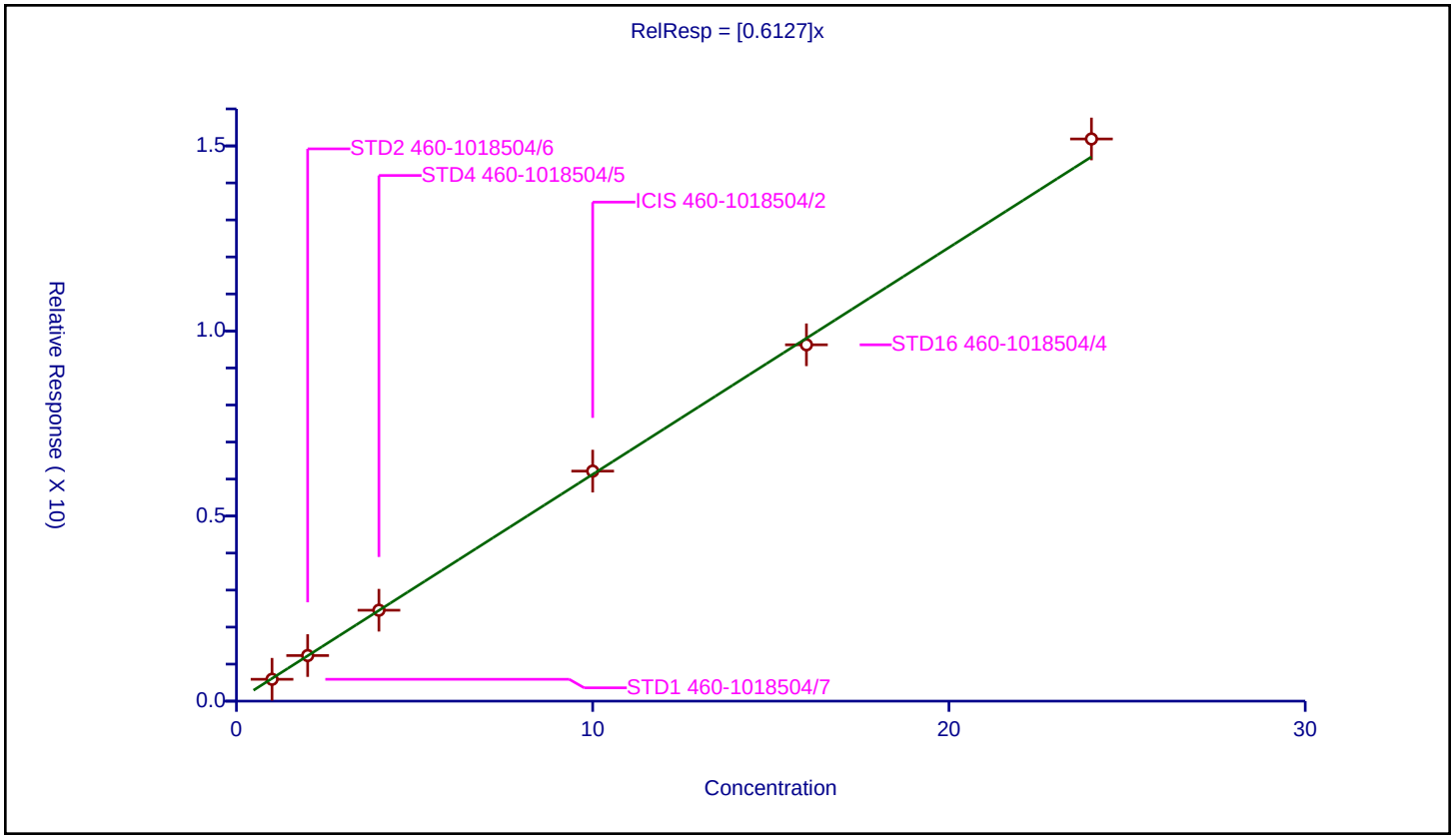
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6127 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.590528 | 8.0 | 1867794.0 | 0.590528 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.231531 | 8.0 | 1805051.0 | 0.615765 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.45595 | 8.0 | 1623688.0 | 0.613987 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 6.214325 | 8.0 | 1587648.0 | 0.621432 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 9.62721 | 8.0 | 1499032.0 | 0.601701 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 15.187955 | 8.0 | 1434176.0 | 0.632831 | Y |



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## Calibration / 2,4,6-Tribromophenol

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

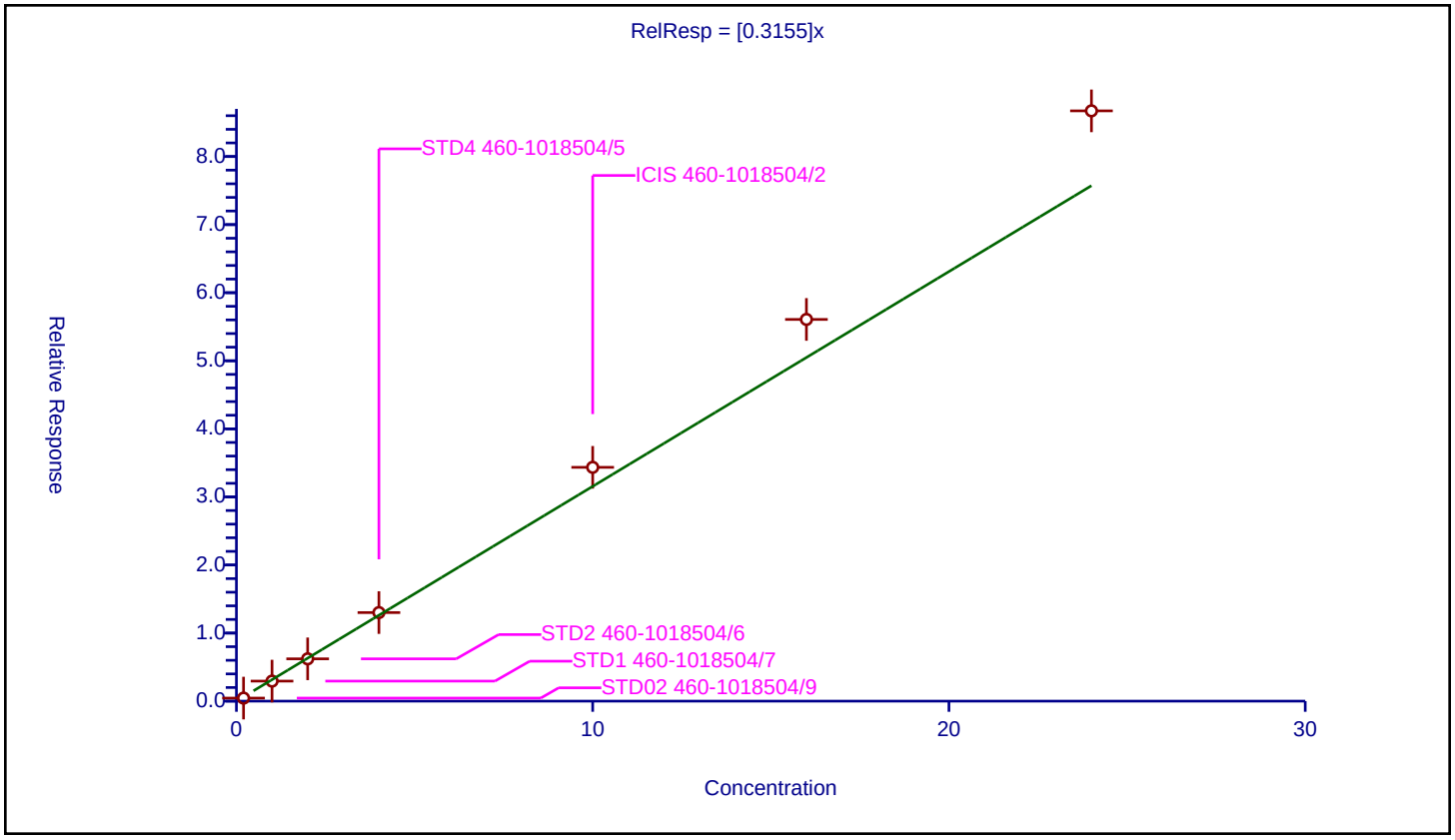
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3155 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.044605 | 8.0 | 1002211.0 | 0.223027 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.294228 | 8.0 | 1075983.0 | 0.294228 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.621532 | 8.0 | 1055779.0 | 0.310766 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.301253 | 8.0 | 938548.0 | 0.325313 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 3.434678 | 8.0 | 927267.0 | 0.343468 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 5.607308 | 8.0 | 881832.0 | 0.350457 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 8.671061 | 8.0 | 853931.0 | 0.361294 | Y |



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## Calibration / 4-Bromophenyl phenyl ether

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

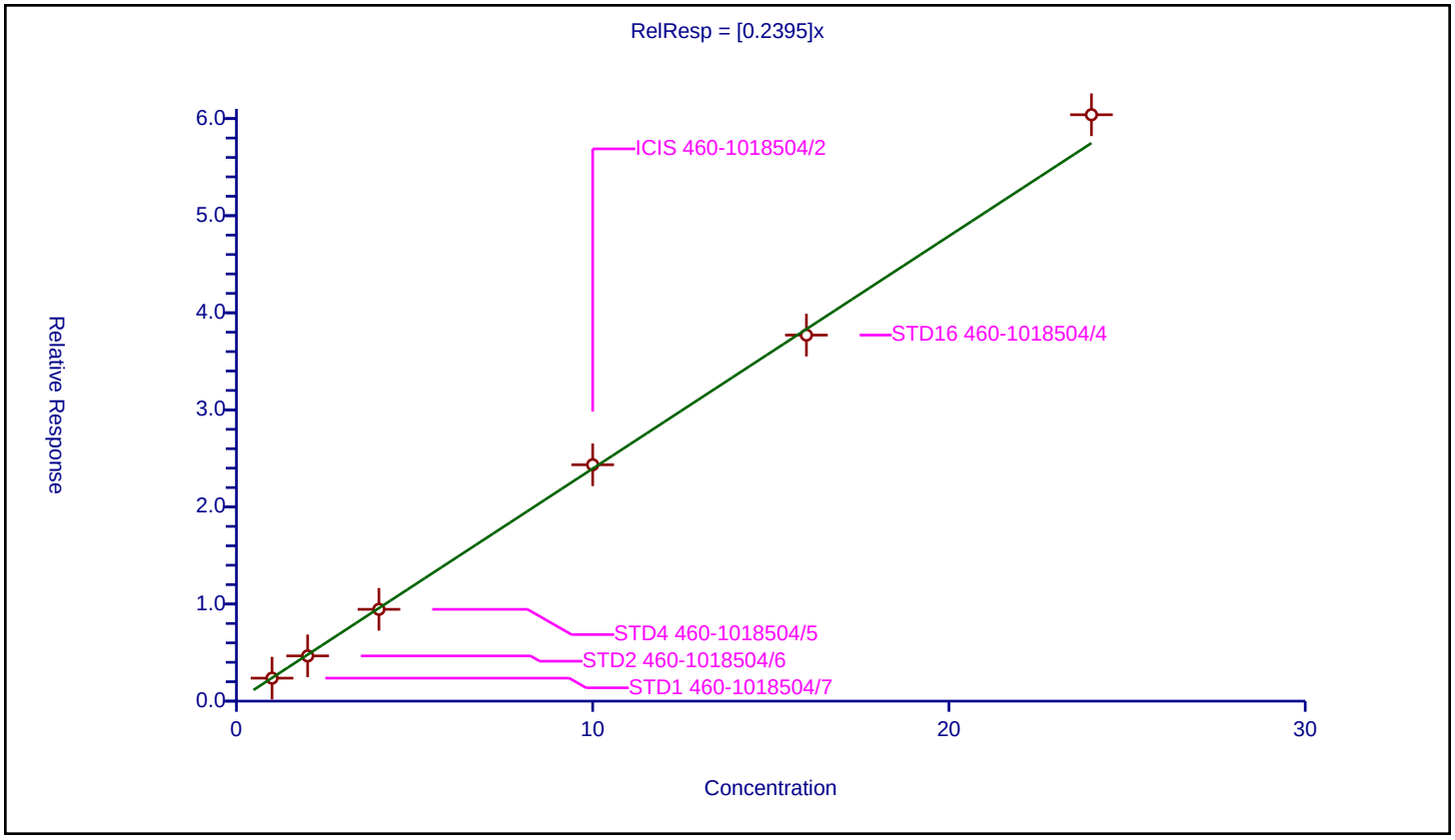
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2395 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.236934 | 8.0 | 1867794.0 | 0.236934 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.4658 | 8.0 | 1805051.0 | 0.2329 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 0.9456 | 8.0 | 1623688.0 | 0.2364 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 2.434429 | 8.0 | 1587648.0 | 0.243443 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 3.770134 | 8.0 | 1499032.0 | 0.235633 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 6.039694 | 8.0 | 1434176.0 | 0.251654 | Y |



## Calibration / Hexachlorobenzene

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

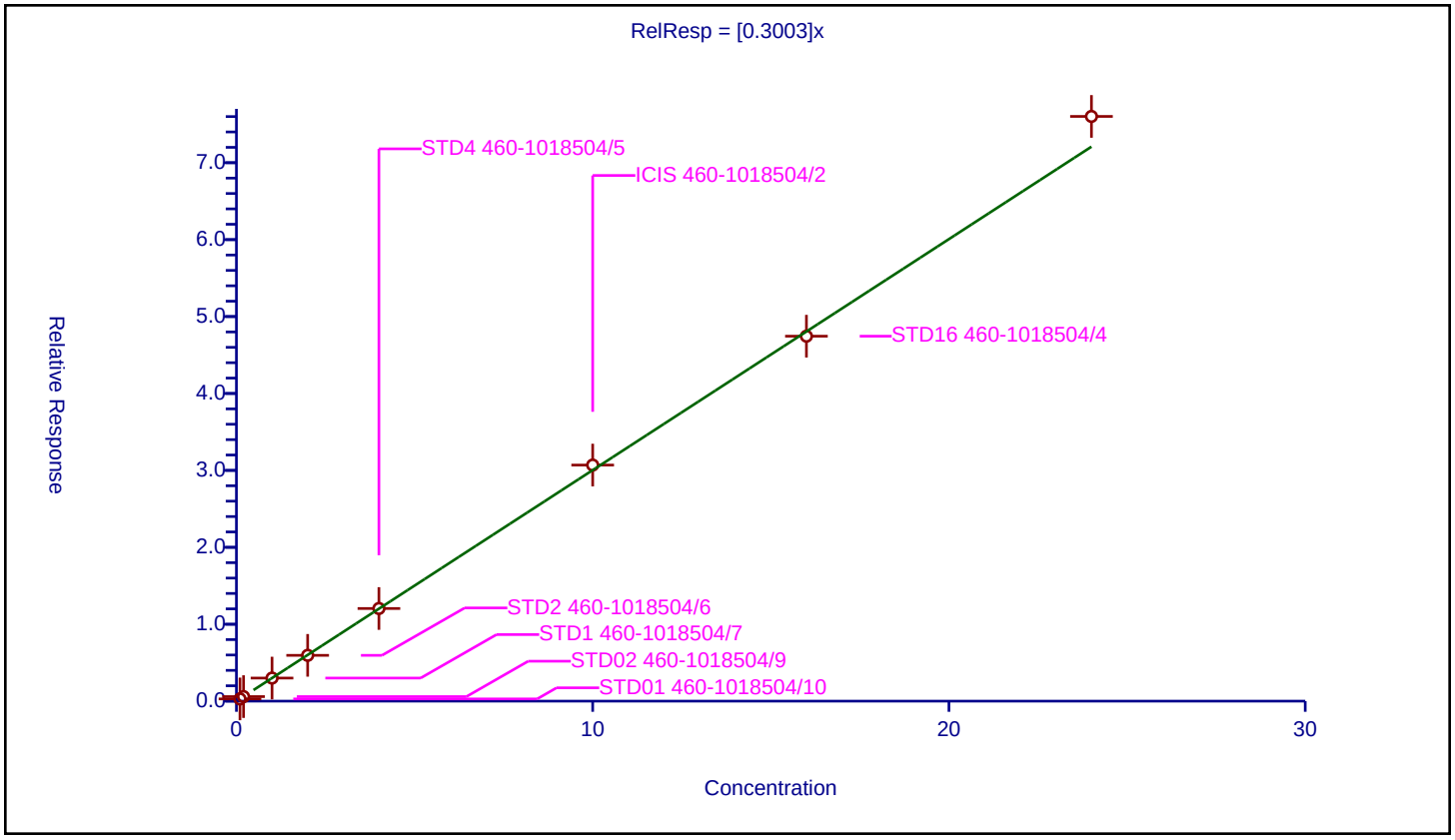
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3003 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.028831 | 8.0 | 1850766.0 | 0.288313 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.059104 | 8.0 | 1752437.0 | 0.29552 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.299887 | 8.0 | 1867794.0 | 0.299887 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.595316 | 8.0 | 1805051.0 | 0.297658 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 1.204571 | 8.0 | 1623688.0 | 0.301143 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 3.069355 | 8.0 | 1587648.0 | 0.306936 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 4.744747 | 8.0 | 1499032.0 | 0.296547 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 7.601884 | 8.0 | 1434176.0 | 0.316745 | Y |



## Calibration / Atrazine

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

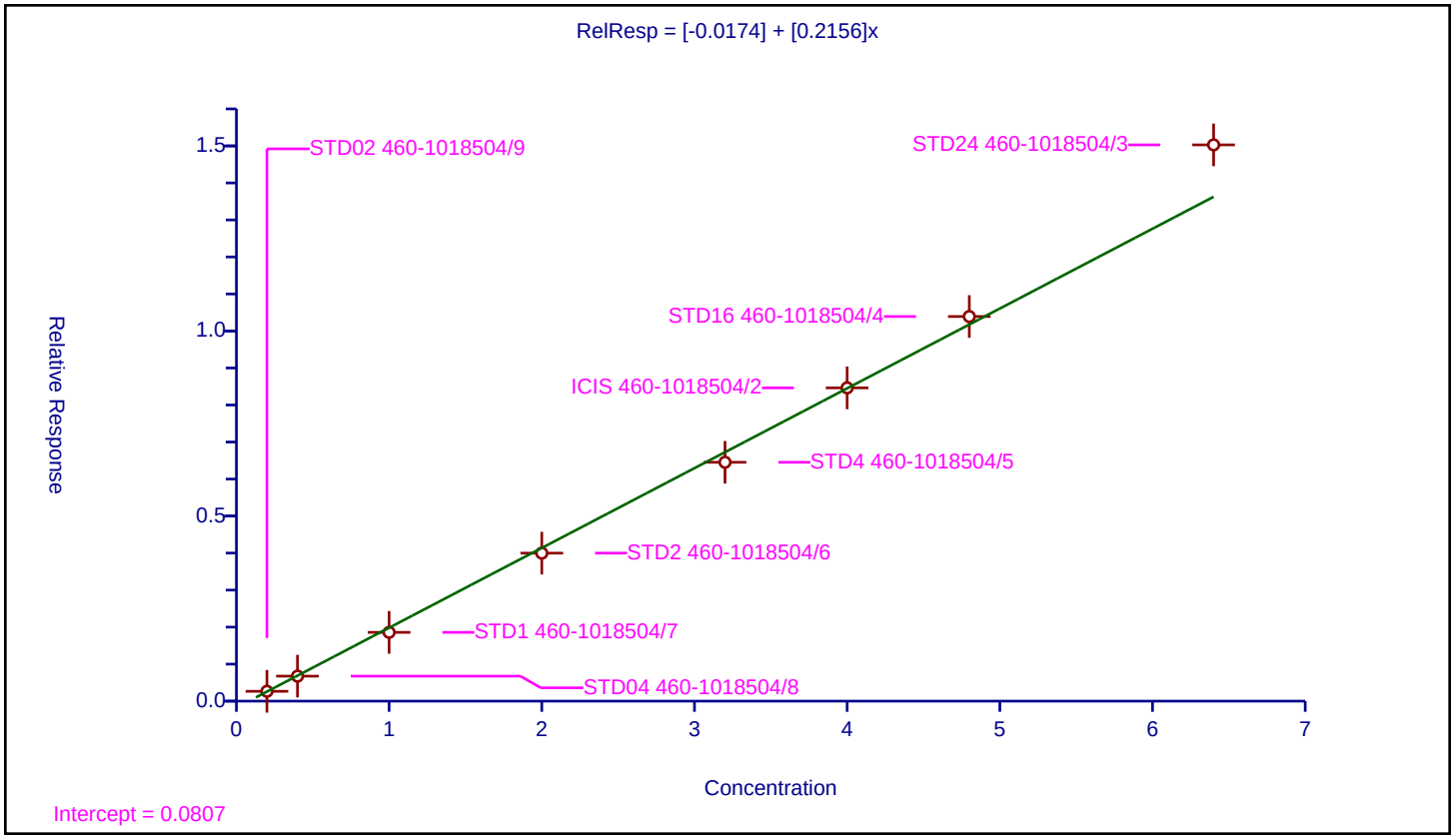
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.0174 |
| **Slope:** | 0.2156 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.026619 | 8.0 | 1752437.0 | 0.133095 | Y |
| 2 | STD04 460-1018504/8 | 0.4 | 0.06753 | 8.0 | 1842513.0 | 0.168824 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.185785 | 8.0 | 1867794.0 | 0.185785 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 0.399789 | 8.0 | 1805051.0 | 0.199895 | Y |
| 5 | STD4 460-1018504/5 | 3.2 | 0.645311 | 8.0 | 1623688.0 | 0.20166 | Y |
| 6 | ICIS 460-1018504/2 | 4.0 | 0.846349 | 8.0 | 1587648.0 | 0.211587 | Y |
| 7 | STD16 460-1018504/4 | 4.8 | 1.039097 | 8.0 | 1499032.0 | 0.216479 | Y |
| 8 | STD24 460-1018504/3 | 6.4 | 1.502806 | 8.0 | 1434176.0 | 0.234813 | Y |



## Calibration / Pentachlorophenol

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

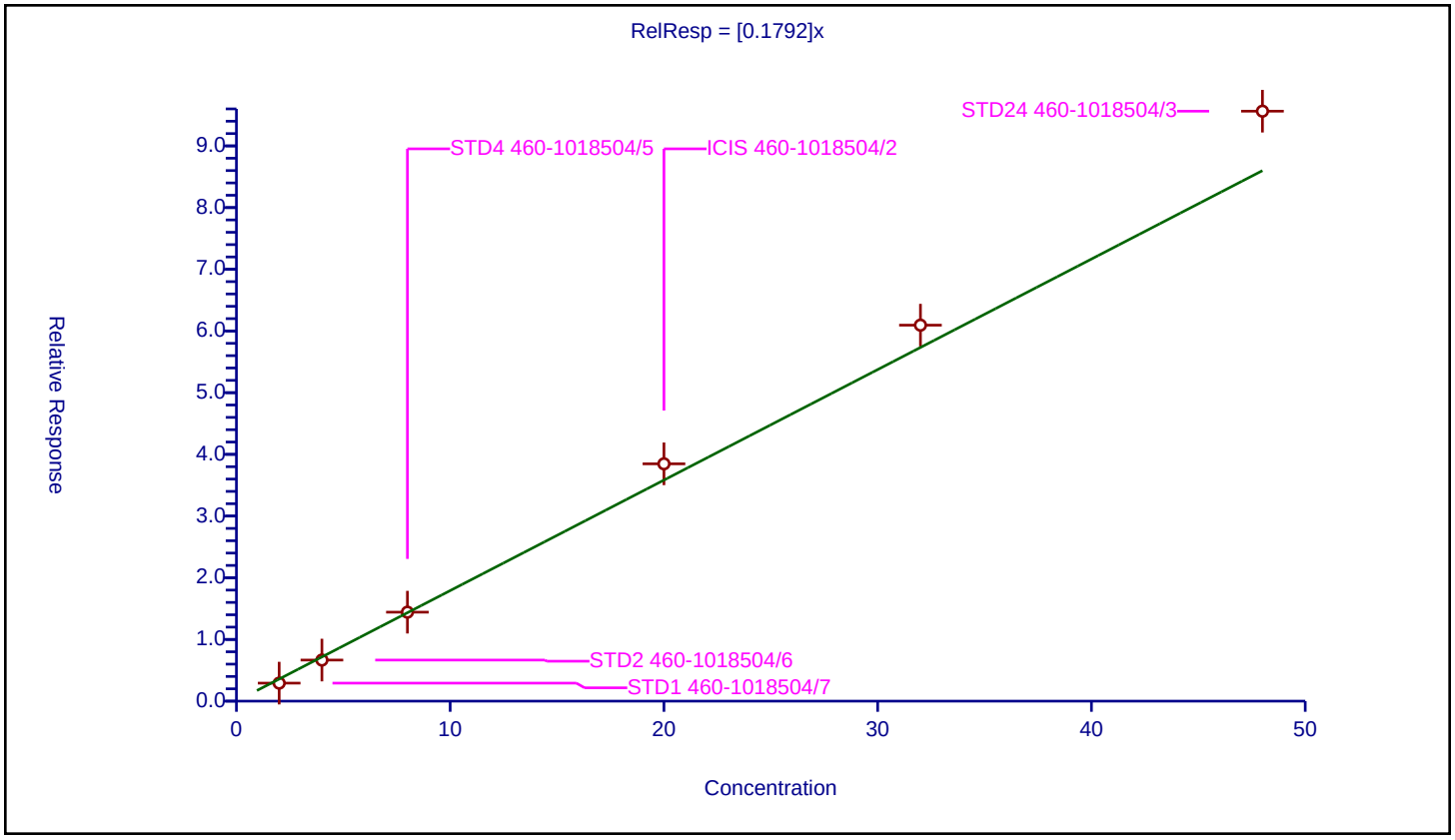
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1792 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 2.0 | 0.292204 | 8.0 | 1867794.0 | 0.146102 | Y |
| 2 | STD2 460-1018504/6 | 4.0 | 0.666095 | 8.0 | 1805051.0 | 0.166524 | Y |
| 3 | STD4 460-1018504/5 | 8.0 | 1.44211 | 8.0 | 1623688.0 | 0.180264 | Y |
| 4 | ICIS 460-1018504/2 | 20.0 | 3.846903 | 8.0 | 1587648.0 | 0.192345 | Y |
| 5 | STD16 460-1018504/4 | 32.0 | 6.094568 | 8.0 | 1499032.0 | 0.190455 | Y |
| 6 | STD24 460-1018504/3 | 48.0 | 9.562793 | 8.0 | 1434176.0 | 0.199225 | Y |



## Calibration / Pentachloronitrobenzene

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

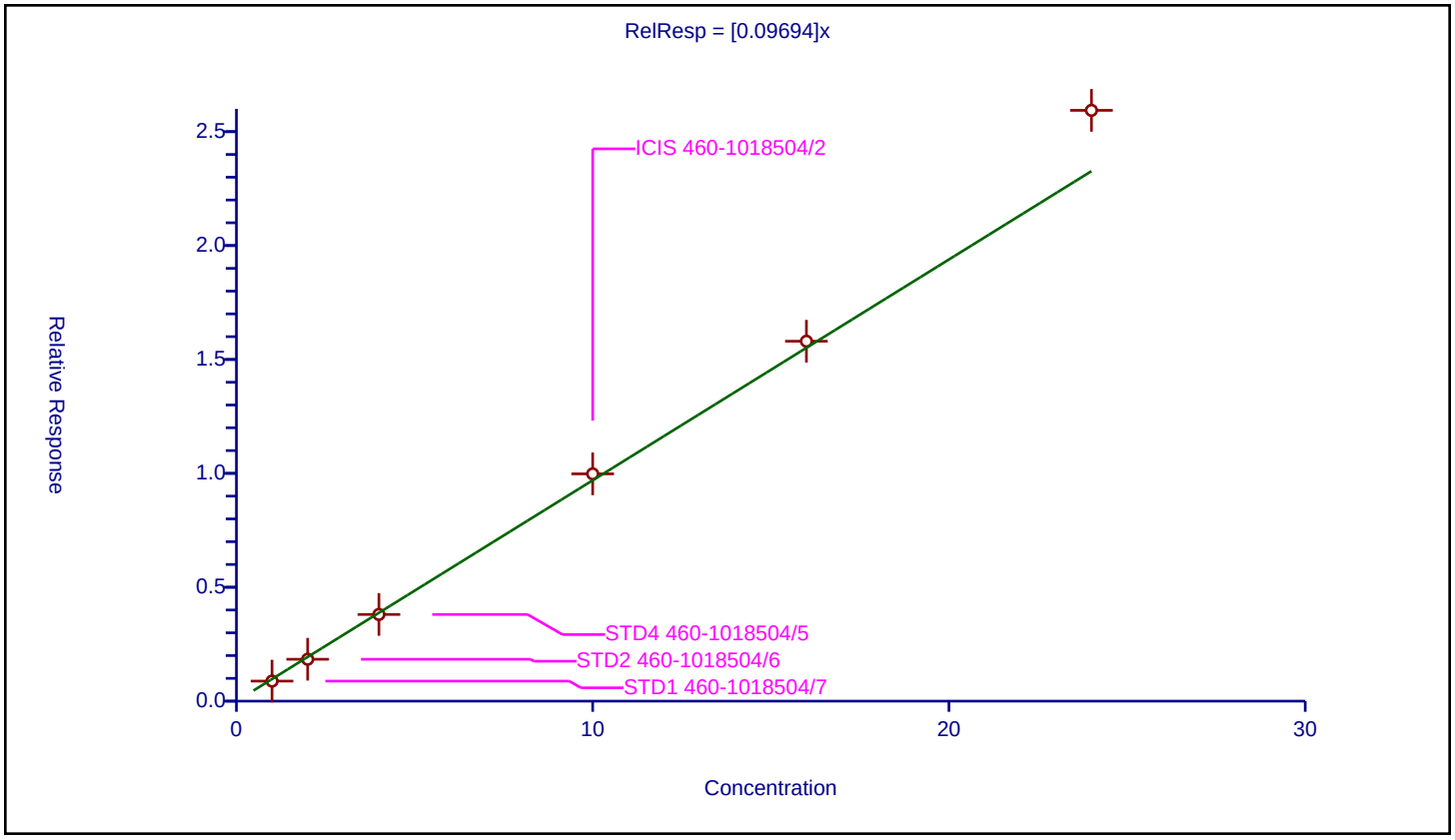
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09694 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.088001 | 8.0 | 1867794.0 | 0.088001 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.183862 | 8.0 | 1805051.0 | 0.091931 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 0.380546 | 8.0 | 1623688.0 | 0.095137 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 0.997778 | 8.0 | 1587648.0 | 0.099778 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 1.580054 | 8.0 | 1499032.0 | 0.098753 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 2.593534 | 8.0 | 1434176.0 | 0.108064 | Y |



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## Calibration / n-Octadecane

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

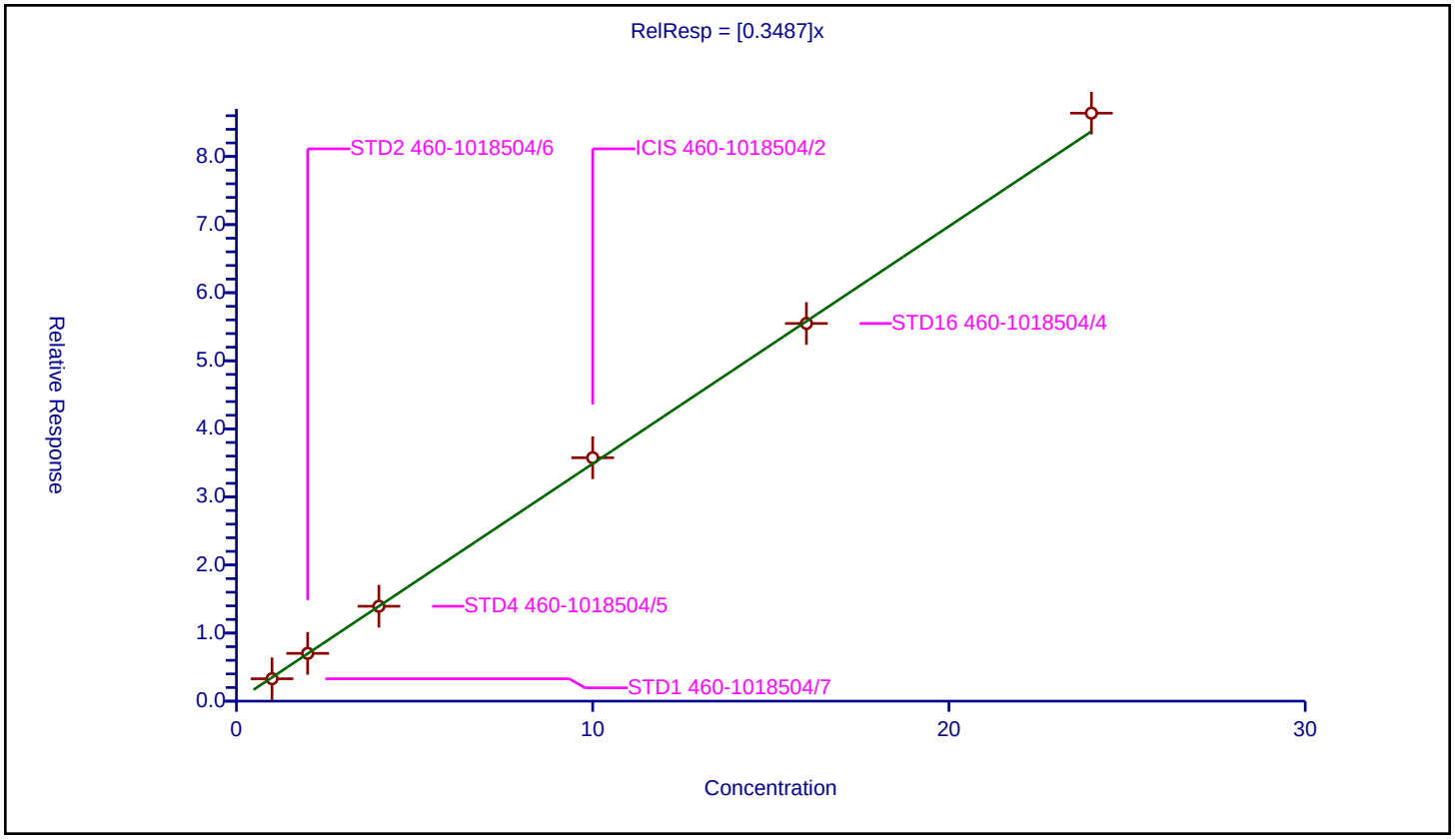
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3487 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.328884 | 8.0 | 1867794.0 | 0.328884 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.701893 | 8.0 | 1805051.0 | 0.350946 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.393815 | 8.0 | 1623688.0 | 0.348454 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 3.575311 | 8.0 | 1587648.0 | 0.357531 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 5.548274 | 8.0 | 1499032.0 | 0.346767 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 8.637489 | 8.0 | 1434176.0 | 0.359895 | Y |



## Calibration / Phenanthrene

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

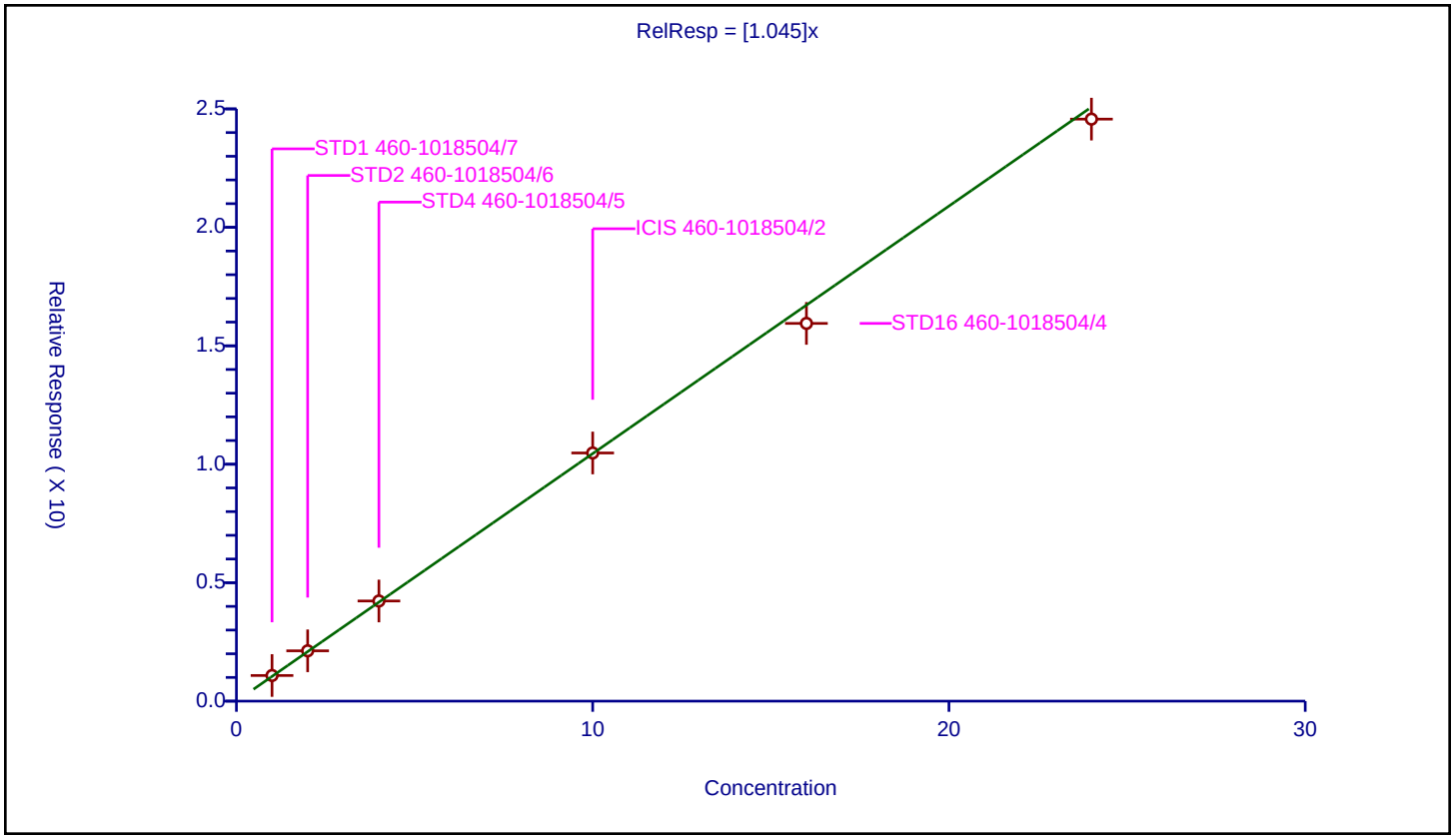
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.045 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.082441 | 8.0 | 1867794.0 | 1.082441 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.124328 | 8.0 | 1805051.0 | 1.062164 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.22798 | 8.0 | 1623688.0 | 1.056995 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.475914 | 8.0 | 1587648.0 | 1.047591 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 15.944604 | 8.0 | 1499032.0 | 0.996538 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 24.568555 | 8.0 | 1434176.0 | 1.02369 | Y |



## Calibration / Anthracene

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

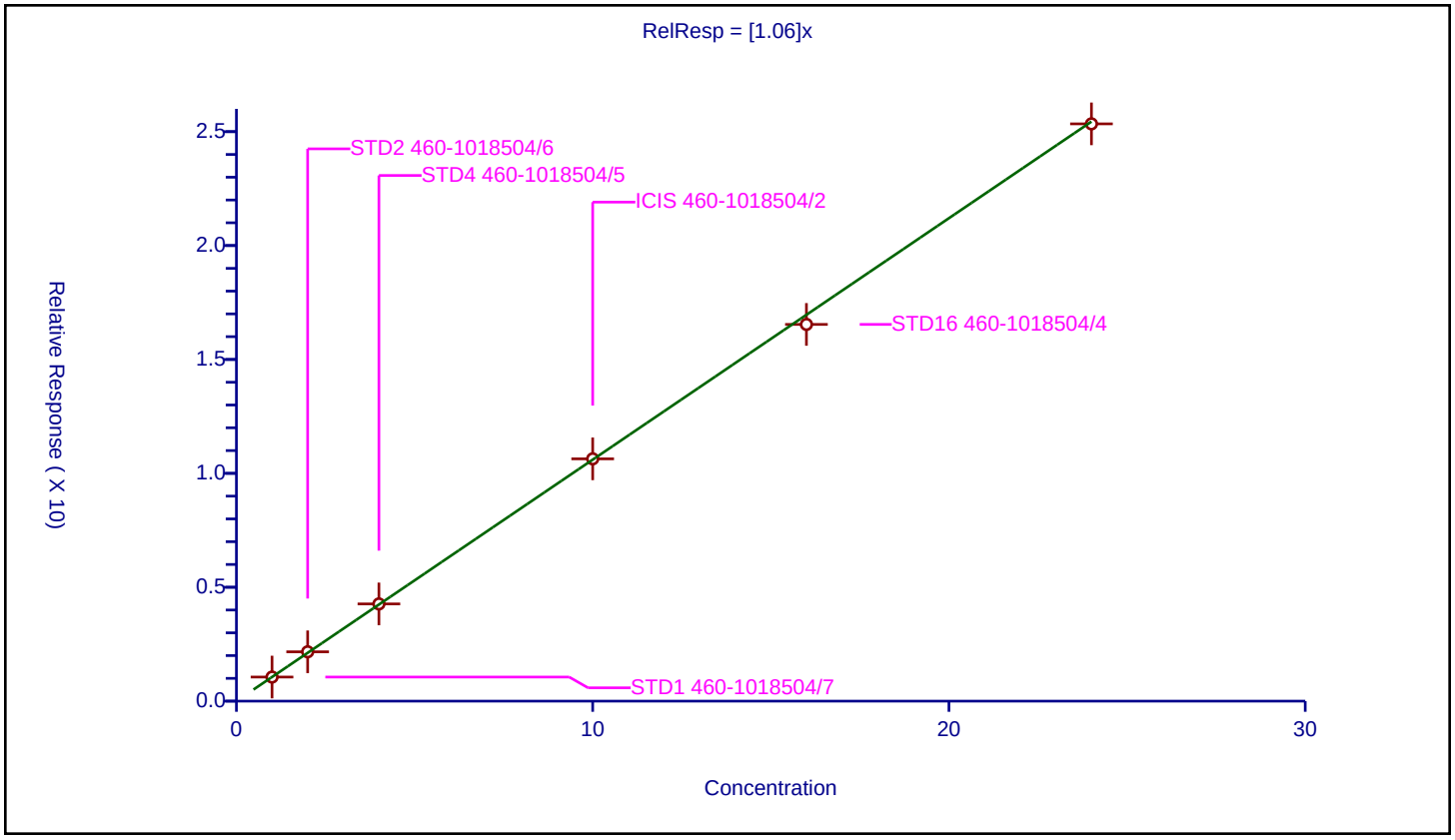
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.06 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 1.057324 | 8.0 | 1867794.0 | 1.057324 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.165488 | 8.0 | 1805051.0 | 1.082744 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.268037 | 8.0 | 1623688.0 | 1.067009 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.636897 | 8.0 | 1587648.0 | 1.06369 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 16.538582 | 8.0 | 1499032.0 | 1.033661 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 25.342385 | 8.0 | 1434176.0 | 1.055933 | Y |



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## Calibration / Carbazole

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

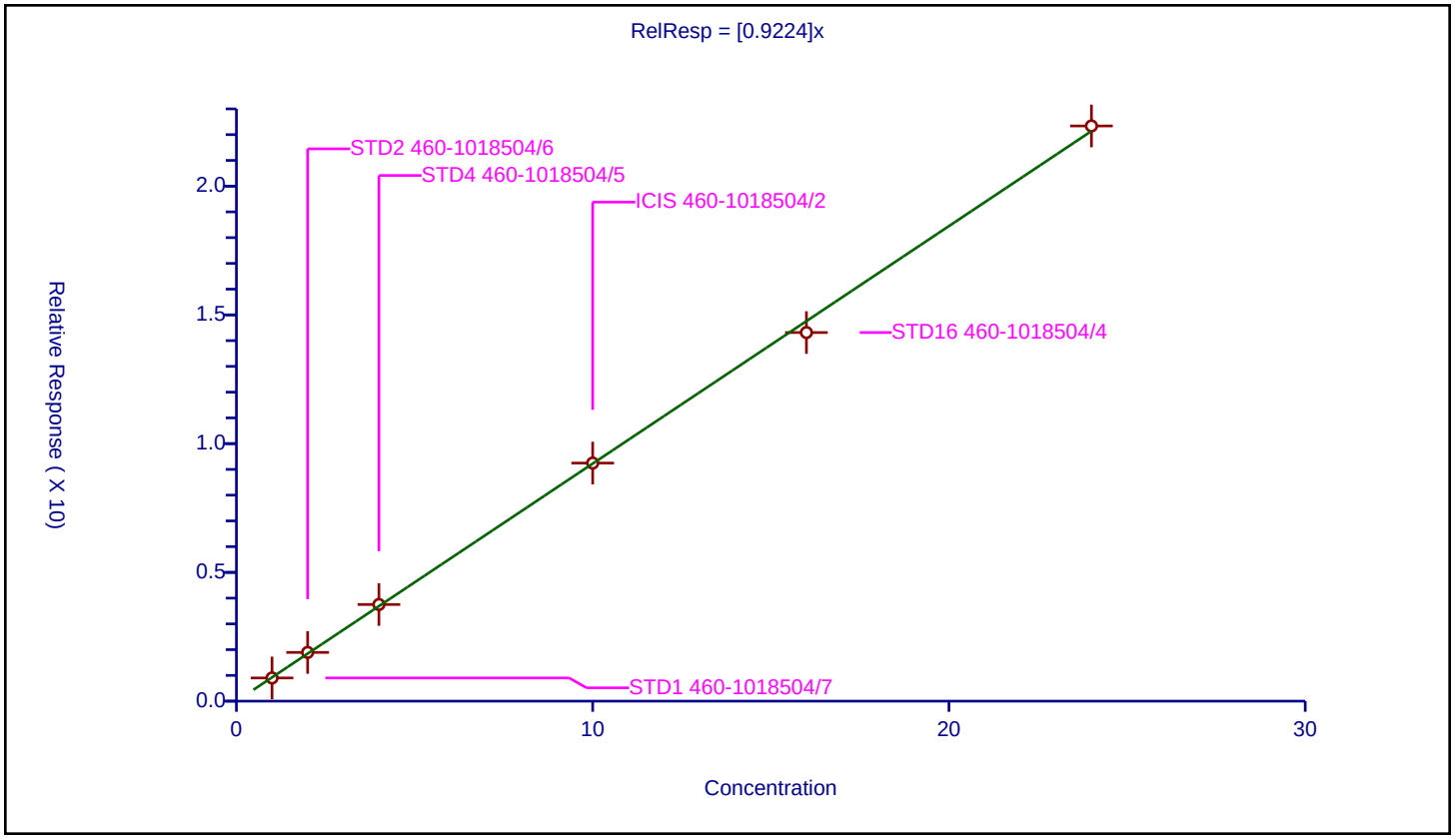
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9224 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.900112 | 8.0 | 1867794.0 | 0.900112 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.891993 | 8.0 | 1805051.0 | 0.945997 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 3.753534 | 8.0 | 1623688.0 | 0.938383 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 9.245536 | 8.0 | 1587648.0 | 0.924554 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 14.314784 | 8.0 | 1499032.0 | 0.894674 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 22.33708 | 8.0 | 1434176.0 | 0.930712 | Y |



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## Calibration / Di-n-butyl phthalate

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

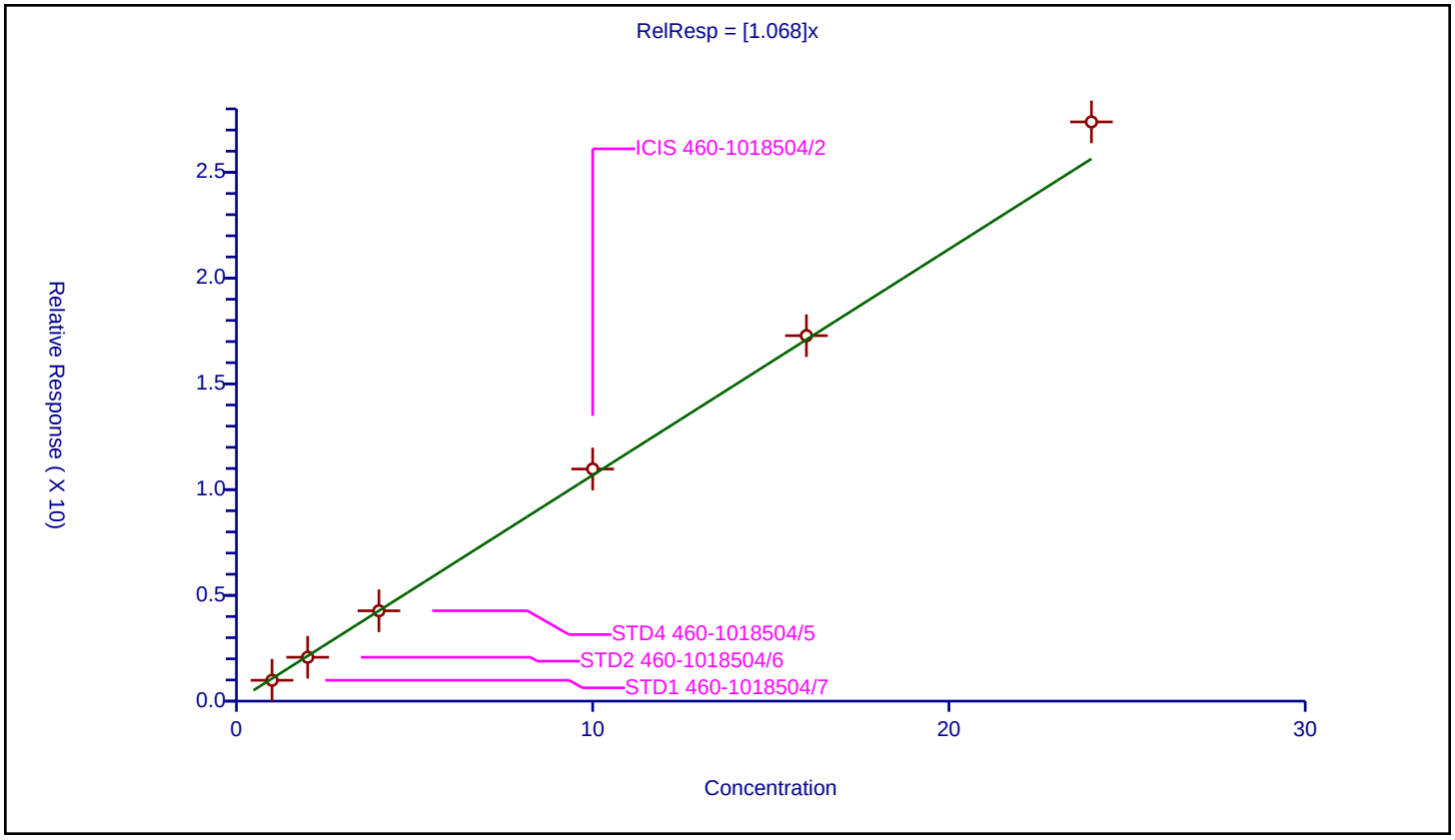
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.068 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.98634 | 8.0 | 1867794.0 | 0.98634 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.074162 | 8.0 | 1805051.0 | 1.037081 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.271939 | 8.0 | 1623688.0 | 1.067985 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 10.97409 | 8.0 | 1587648.0 | 1.097409 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 17.278825 | 8.0 | 1499032.0 | 1.079927 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 27.384416 | 8.0 | 1434176.0 | 1.141017 | Y |



## Calibration / Fluoranthene

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

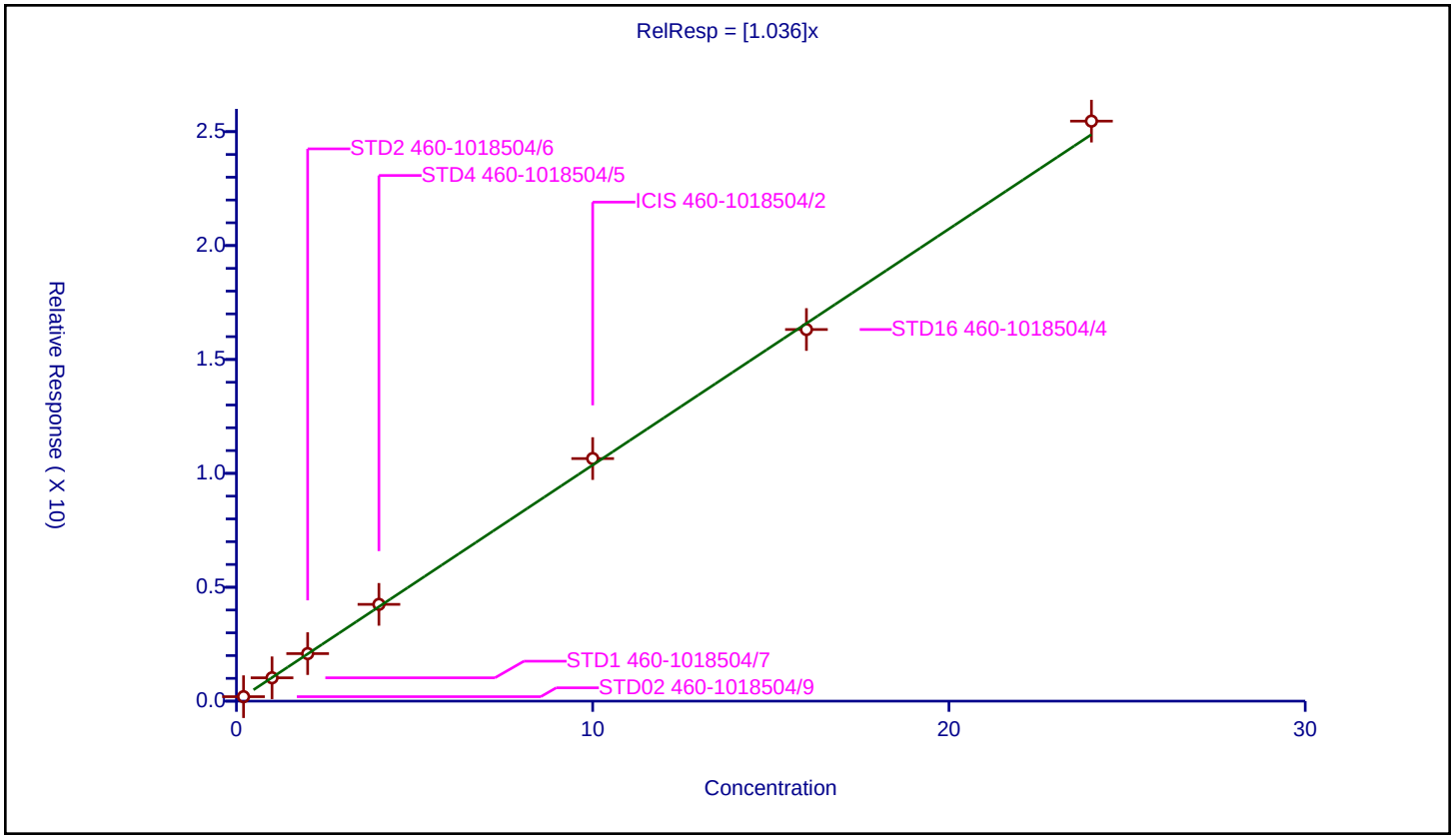
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.036 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.19586 | 8.0 | 1752437.0 | 0.979299 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.025394 | 8.0 | 1867794.0 | 1.025394 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 2.086097 | 8.0 | 1805051.0 | 1.043049 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 4.248383 | 8.0 | 1623688.0 | 1.062096 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 10.649136 | 8.0 | 1587648.0 | 1.064914 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 16.314608 | 8.0 | 1499032.0 | 1.019663 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 25.462749 | 8.0 | 1434176.0 | 1.060948 | Y |



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## Calibration / Benzidine

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

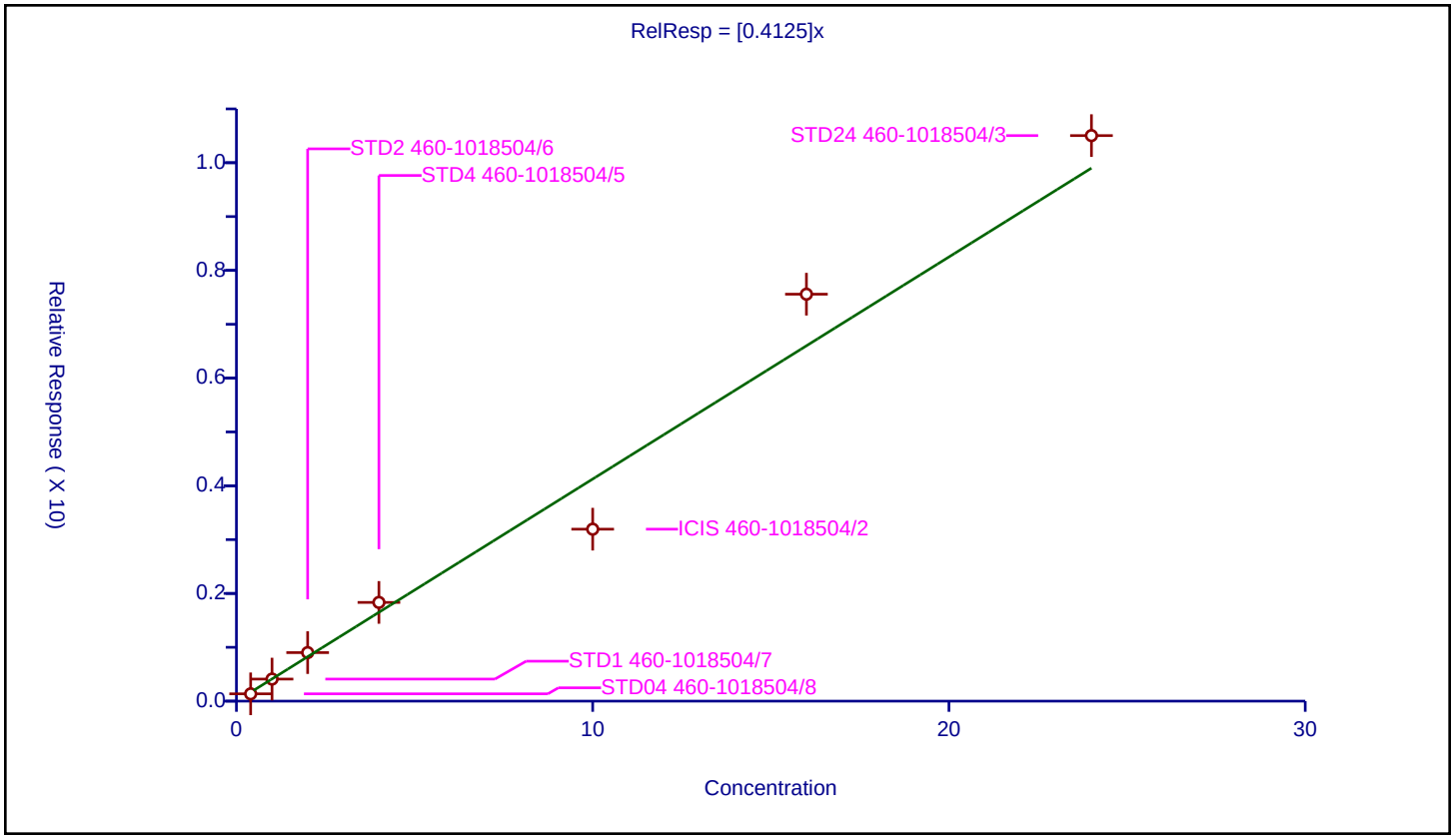
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4125 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD04 460-1018504/8 | 0.4 | 0.135576 | 8.0 | 1842513.0 | 0.338939 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.410015 | 8.0 | 1867794.0 | 0.410015 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.901382 | 8.0 | 1805051.0 | 0.450691 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.833776 | 8.0 | 1623688.0 | 0.458444 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 3.193796 | 8.0 | 1587648.0 | 0.31938 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 7.558515 | 8.0 | 1499032.0 | 0.472407 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 10.503643 | 8.0 | 1434176.0 | 0.437652 | Y |



## Calibration / Pyrene

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

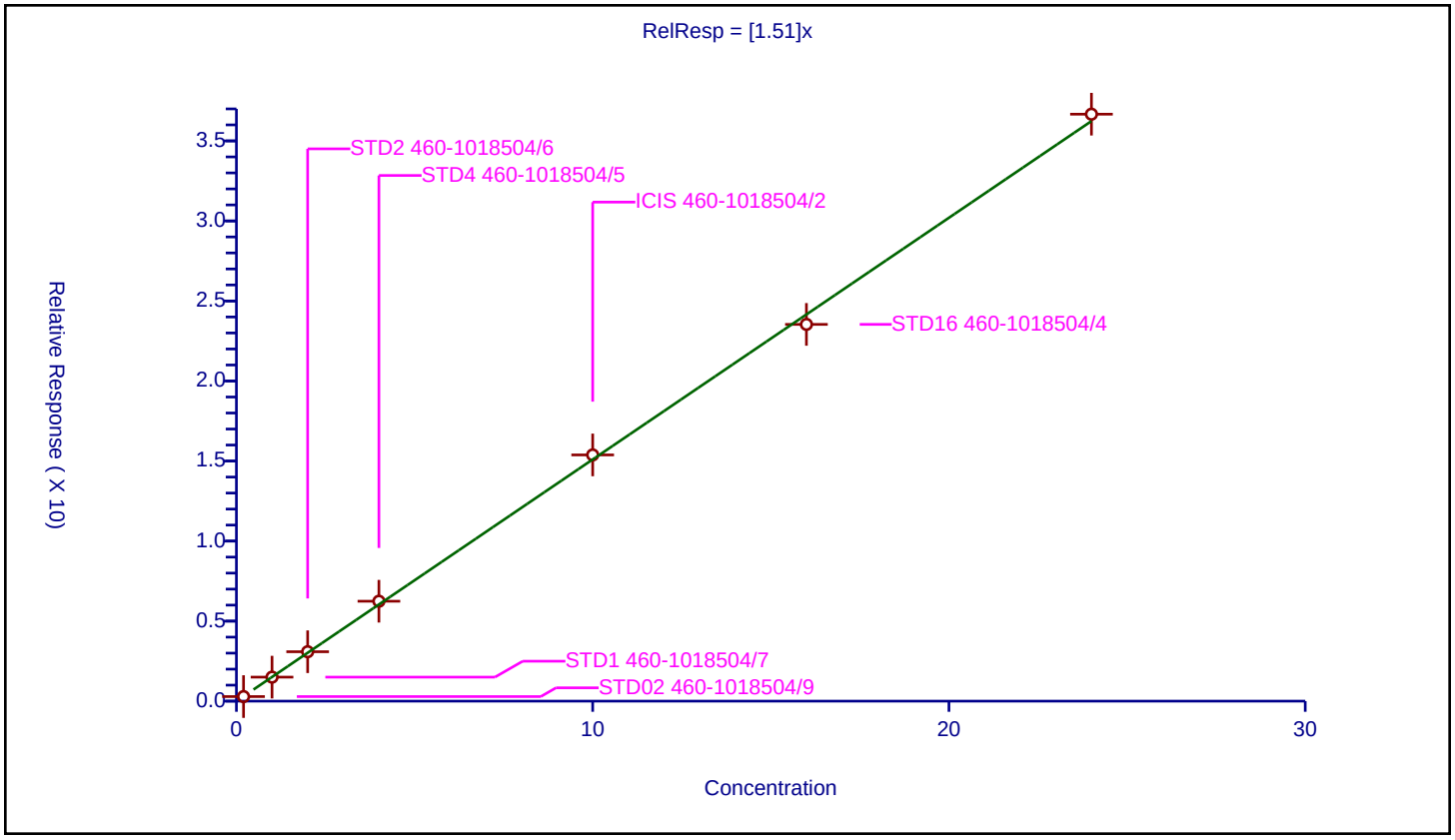
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.51 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.28545 | 8.0 | 1194269.0 | 1.42725 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.500713 | 8.0 | 1304788.0 | 1.500713 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 3.086648 | 8.0 | 1277510.0 | 1.543324 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 6.242149 | 8.0 | 1126257.0 | 1.560537 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 15.383001 | 8.0 | 1110173.0 | 1.5383 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 23.537358 | 8.0 | 1069060.0 | 1.471085 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 36.668333 | 8.0 | 1010706.0 | 1.527847 | Y |



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## Calibration / Bisphenol-A

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

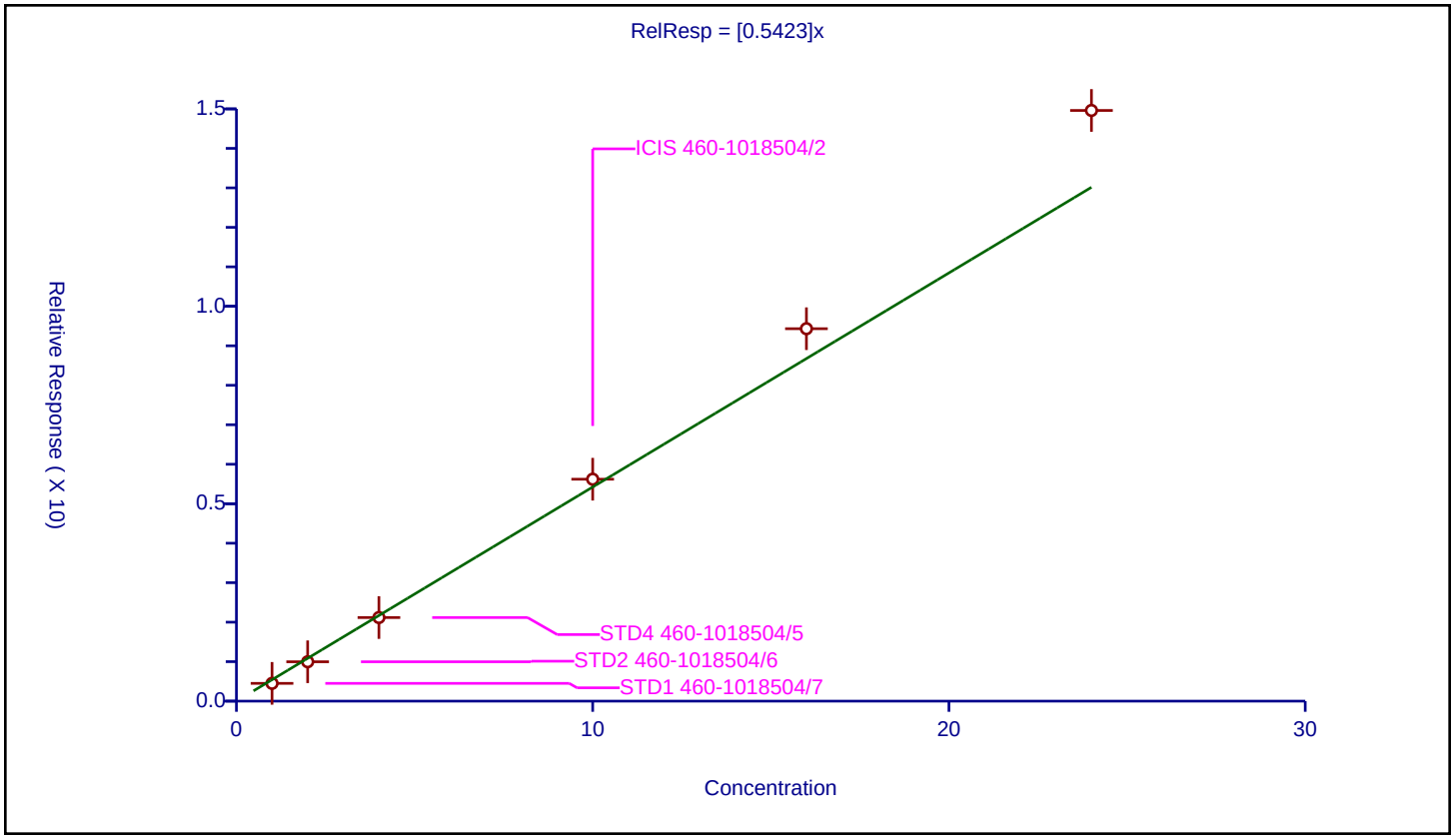
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5423 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.45039 | 8.0 | 1304788.0 | 0.45039 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.99766 | 8.0 | 1277510.0 | 0.49883 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.117463 | 8.0 | 1126257.0 | 0.529366 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 5.621099 | 8.0 | 1110173.0 | 0.56211 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 9.433035 | 8.0 | 1069060.0 | 0.589565 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 14.960378 | 8.0 | 1010706.0 | 0.623349 | Y |



## Calibration / Terphenyl-d14

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

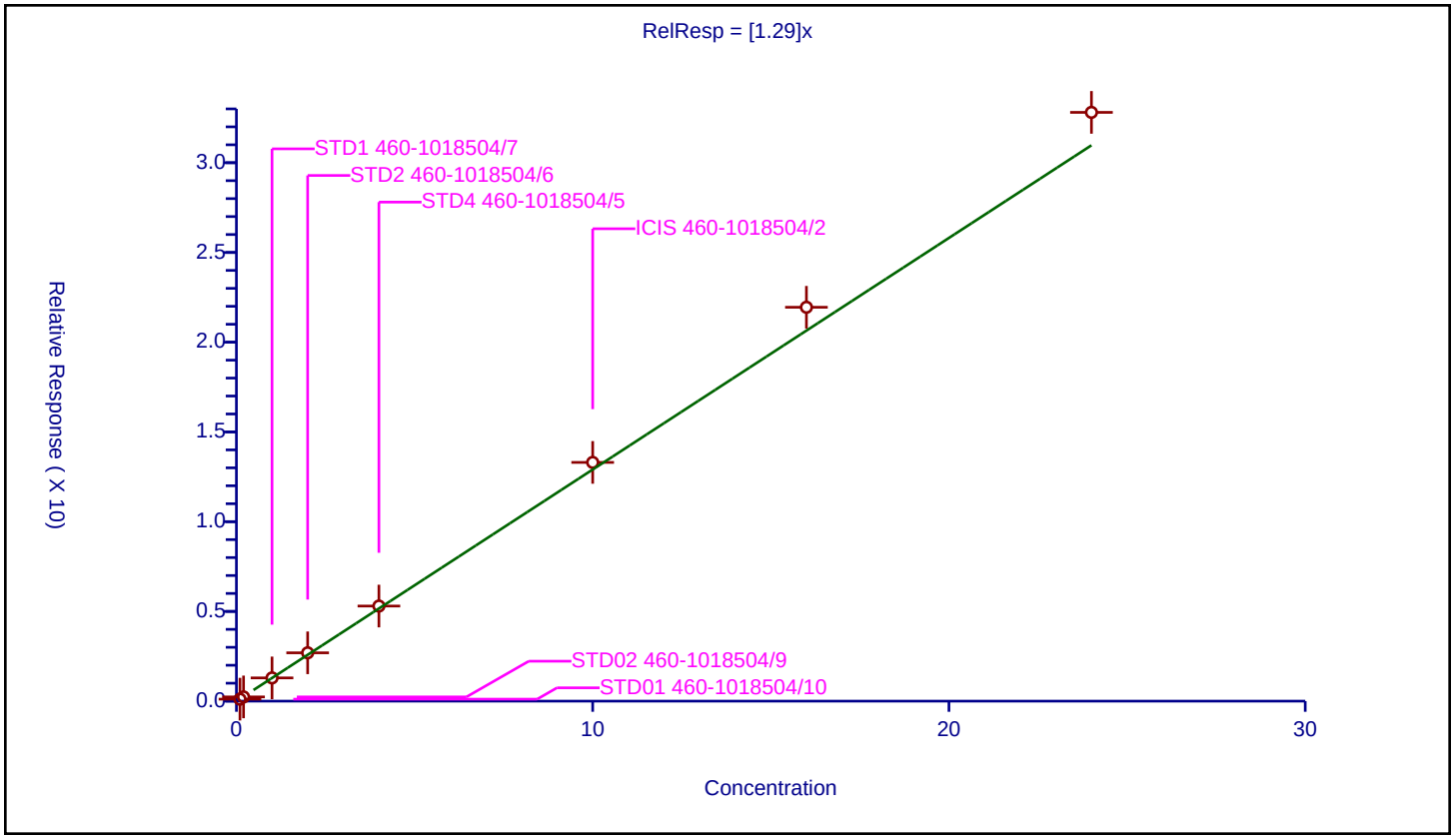
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.29 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.111136 | 8.0 | 1255402.0 | 1.111357 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.235344 | 8.0 | 1194269.0 | 1.17672 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.295315 | 8.0 | 1304788.0 | 1.295315 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.693064 | 8.0 | 1277510.0 | 1.346532 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 5.299252 | 8.0 | 1126257.0 | 1.324813 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 13.302892 | 8.0 | 1110173.0 | 1.330289 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 21.946525 | 8.0 | 1069060.0 | 1.371658 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 32.805322 | 8.0 | 1010706.0 | 1.366888 | Y |



## Calibration / Butyl benzyl phthalate

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

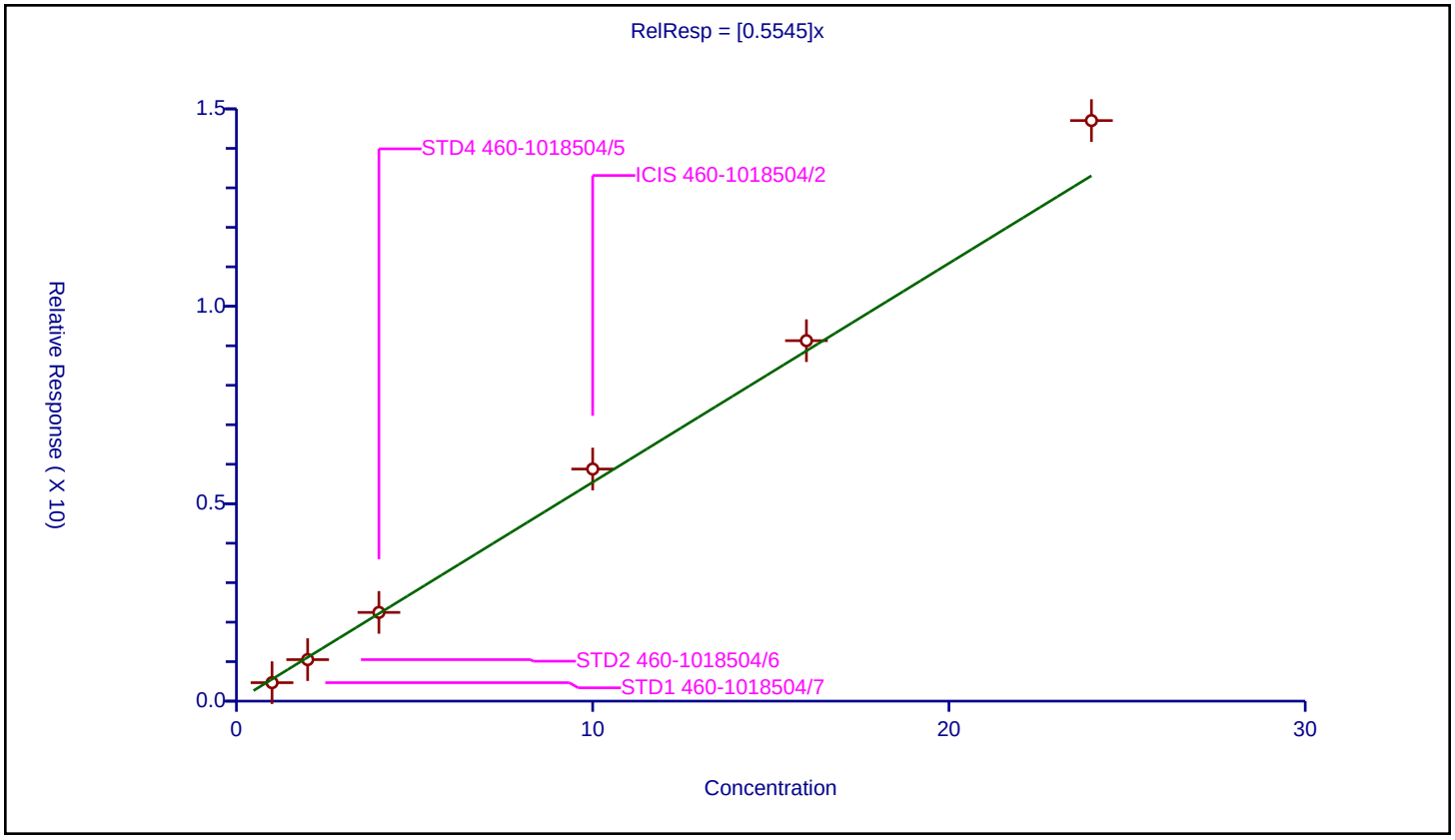
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5545 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.468036 | 8.0 | 1304788.0 | 0.468036 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 1.051608 | 8.0 | 1277510.0 | 0.525804 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 2.247217 | 8.0 | 1126257.0 | 0.561804 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 5.878414 | 8.0 | 1110173.0 | 0.587841 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 9.129658 | 8.0 | 1069060.0 | 0.570604 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 14.704327 | 8.0 | 1010706.0 | 0.61268 | Y |



## Calibration / 2,3,7,8-TCDD

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

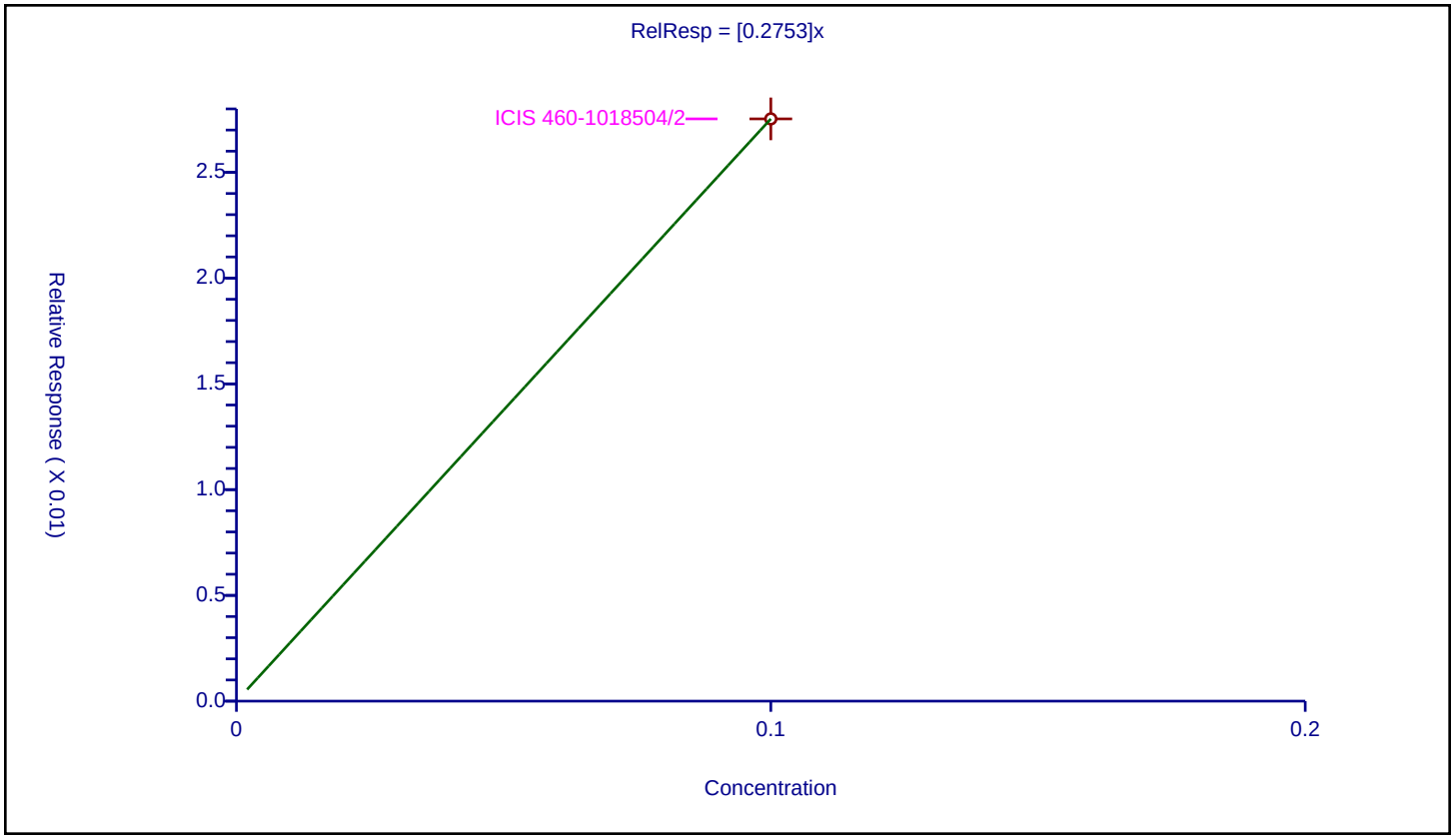
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2753 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1018504/2 | 0.1 | 0.027527 | 8.0 | 1110173.0 | 0.275272 | Y |



## Calibration / Carbamazepine

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

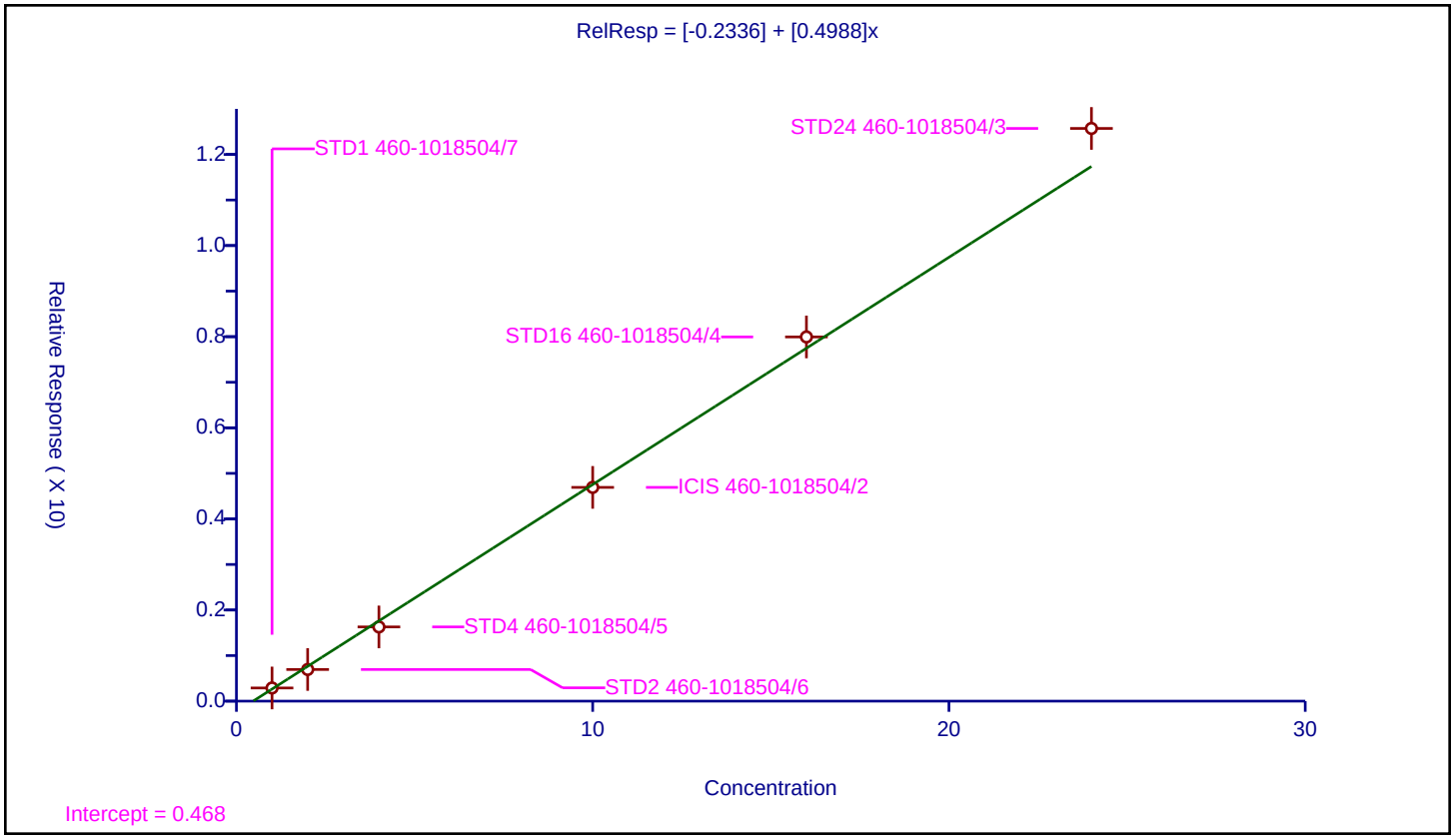
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.2336 |
| **Slope:** | 0.4988 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.288911 | 8.0 | 1304788.0 | 0.288911 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 0.694964 | 8.0 | 1277510.0 | 0.347482 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 1.628765 | 8.0 | 1126257.0 | 0.407191 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 4.691723 | 8.0 | 1110173.0 | 0.469172 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 7.99438 | 8.0 | 1069060.0 | 0.499649 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 12.571126 | 8.0 | 1010706.0 | 0.523797 | Y |



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## Calibration / Benzo[a]anthracene

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

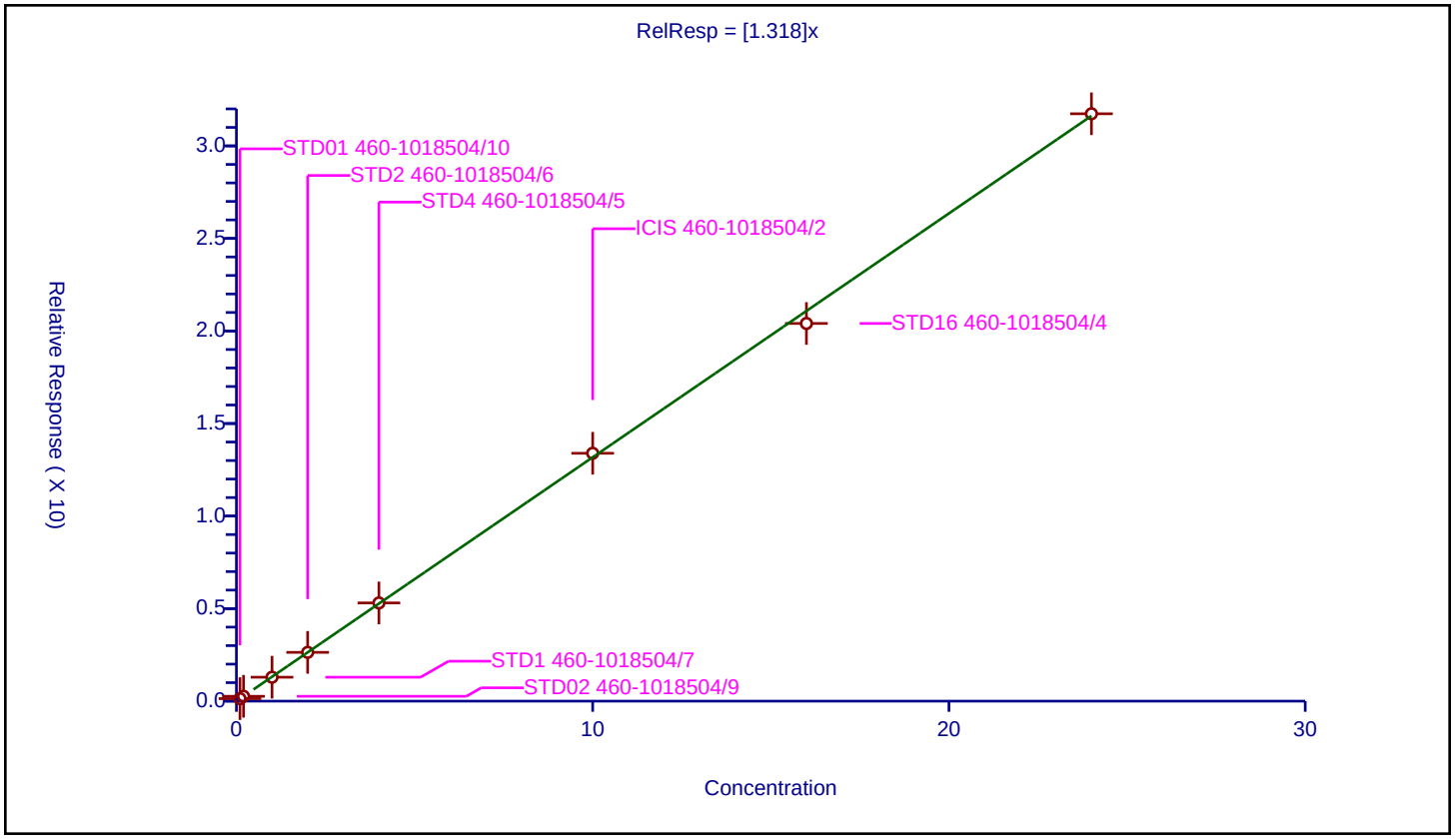
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.318 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.135638 | 8.0 | 1255402.0 | 1.356378 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.262025 | 8.0 | 1194269.0 | 1.310124 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.293225 | 8.0 | 1304788.0 | 1.293225 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.635777 | 8.0 | 1277510.0 | 1.317889 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 5.306043 | 8.0 | 1126257.0 | 1.326511 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 13.392968 | 8.0 | 1110173.0 | 1.339297 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 20.406413 | 8.0 | 1069060.0 | 1.275401 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 31.737324 | 8.0 | 1010706.0 | 1.322389 | Y |



## Calibration / 3,3'-Dichlorobenzidine

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

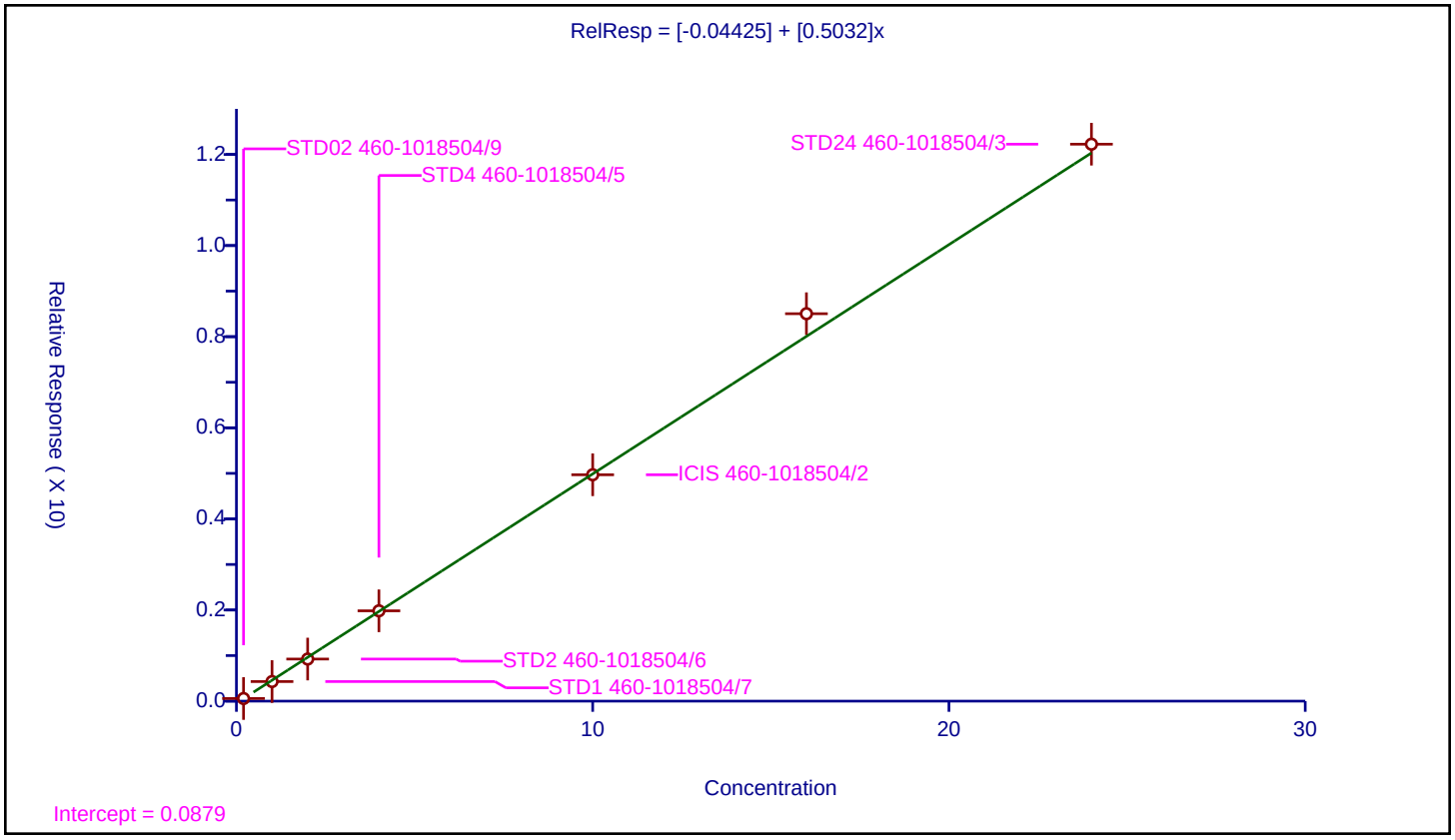
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.04425 |
| **Slope:** | 0.5032 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.057803 | 8.0 | 1194269.0 | 0.289014 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.430261 | 8.0 | 1304788.0 | 0.430261 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 0.92401 | 8.0 | 1277510.0 | 0.462005 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 1.982865 | 8.0 | 1126257.0 | 0.495716 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 4.968818 | 8.0 | 1110173.0 | 0.496882 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 8.504279 | 8.0 | 1069060.0 | 0.531517 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 12.225284 | 8.0 | 1010706.0 | 0.509387 | Y |



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## Calibration / Chrysene

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

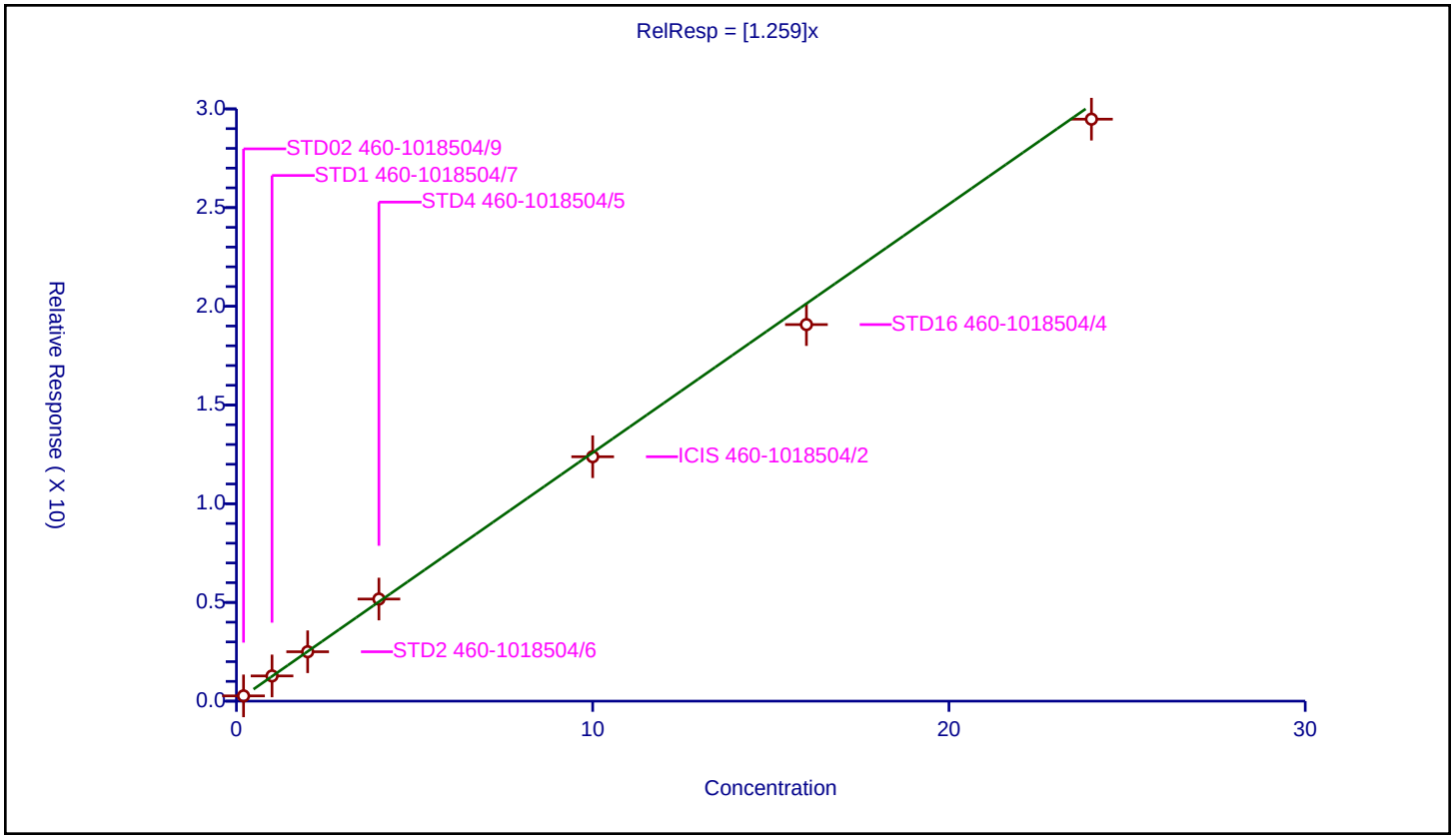
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.259 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.266064 | 8.0 | 1194269.0 | 1.33032 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 1.277437 | 8.0 | 1304788.0 | 1.277437 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 2.501472 | 8.0 | 1277510.0 | 1.250736 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 5.171665 | 8.0 | 1126257.0 | 1.292916 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 12.380492 | 8.0 | 1110173.0 | 1.238049 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 19.074941 | 8.0 | 1069060.0 | 1.192184 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 29.479053 | 8.0 | 1010706.0 | 1.228294 | Y |



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## Calibration / Bis(2-ethylhexyl) phthalate

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

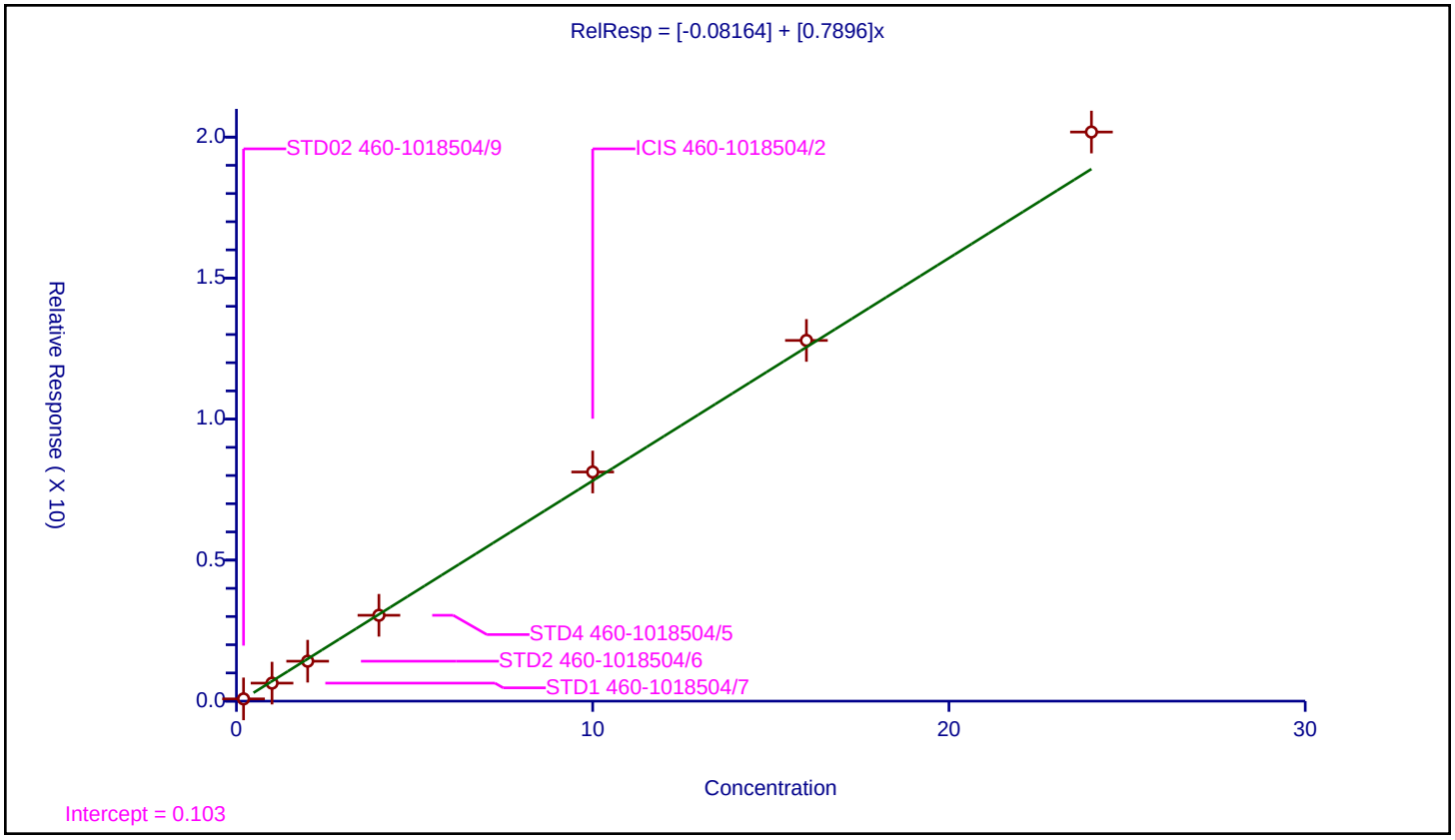
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.08164 |
| **Slope:** | 0.7896 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD02 460-1018504/9 | 0.2 | 0.079667 | 8.0 | 1194269.0 | 0.398336 | Y |
| 2 | STD1 460-1018504/7 | 1.0 | 0.639178 | 8.0 | 1304788.0 | 0.639178 | Y |
| 3 | STD2 460-1018504/6 | 2.0 | 1.415723 | 8.0 | 1277510.0 | 0.707861 | Y |
| 4 | STD4 460-1018504/5 | 4.0 | 3.044698 | 8.0 | 1126257.0 | 0.761174 | Y |
| 5 | ICIS 460-1018504/2 | 10.0 | 8.125544 | 8.0 | 1110173.0 | 0.812554 | Y |
| 6 | STD16 460-1018504/4 | 16.0 | 12.790152 | 8.0 | 1069060.0 | 0.799385 | Y |
| 7 | STD24 460-1018504/3 | 24.0 | 20.178861 | 8.0 | 1010706.0 | 0.840786 | Y |



## Calibration / Di-n-octyl phthalate

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

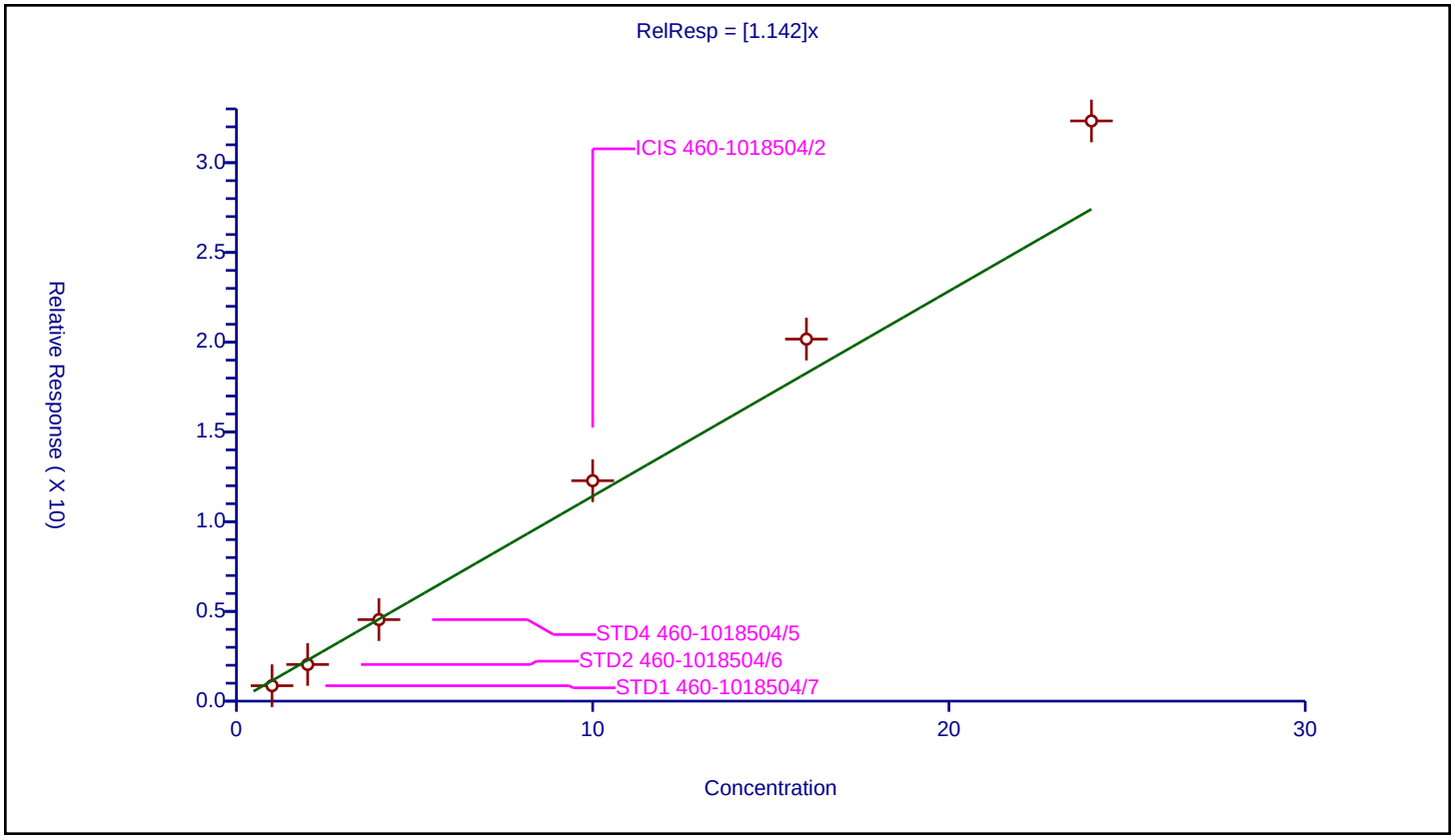
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.142 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1018504/7 | 1.0 | 0.860666 | 8.0 | 1277197.0 | 0.860666 | Y |
| 2 | STD2 460-1018504/6 | 2.0 | 2.042151 | 8.0 | 1257016.0 | 1.021075 | Y |
| 3 | STD4 460-1018504/5 | 4.0 | 4.541737 | 8.0 | 1114164.0 | 1.135434 | Y |
| 4 | ICIS 460-1018504/2 | 10.0 | 12.282011 | 8.0 | 1121260.0 | 1.228201 | Y |
| 5 | STD16 460-1018504/4 | 16.0 | 20.171421 | 8.0 | 1067686.0 | 1.260714 | Y |
| 6 | STD24 460-1018504/3 | 24.0 | 32.329169 | 8.0 | 996666.0 | 1.347049 | Y |



## Calibration / Benzo[b]fluoranthene

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

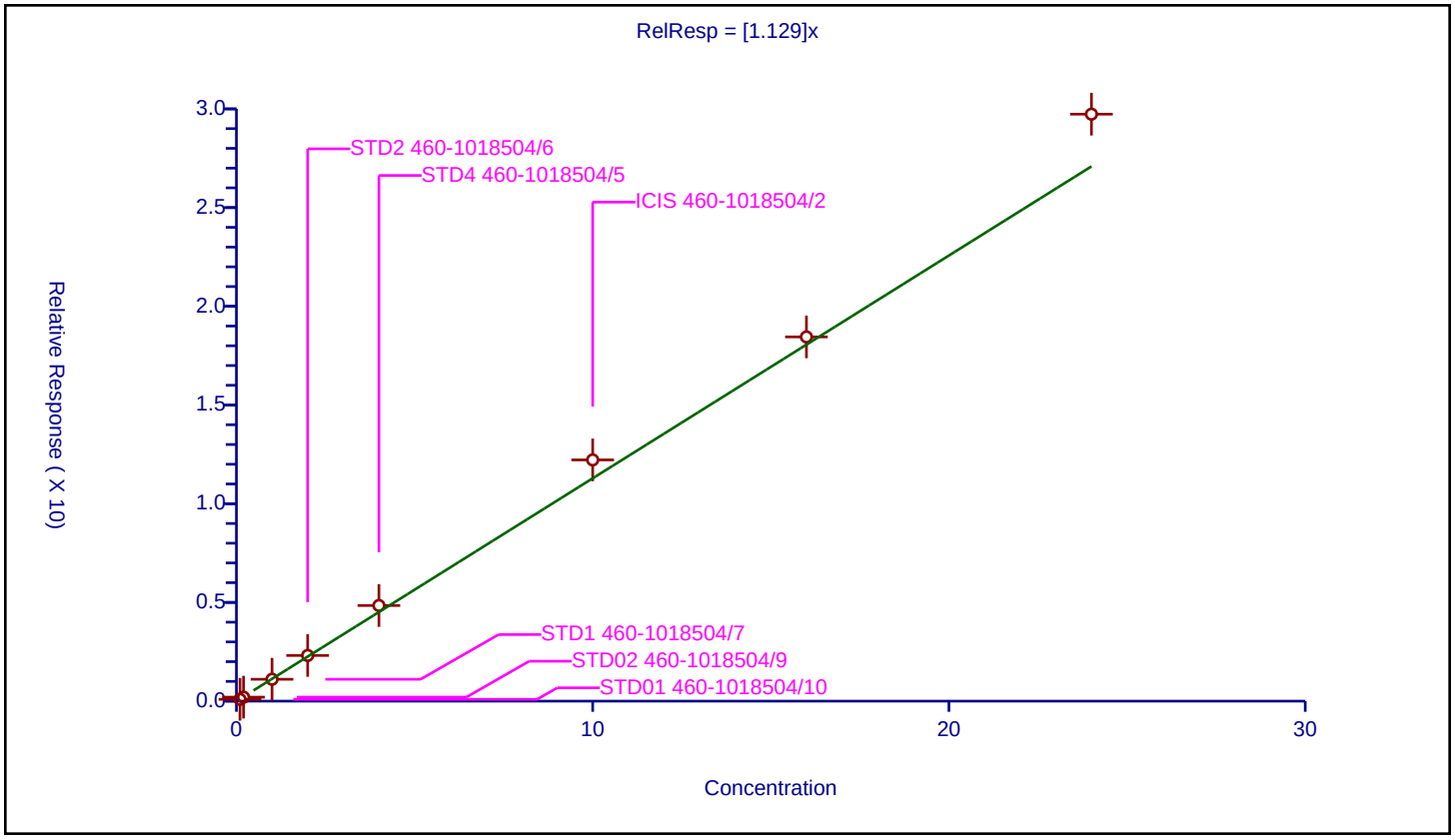
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.129 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.093049 | 8.0 | 1219147.0 | 0.930487 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.201582 | 8.0 | 1162128.0 | 1.00791 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.108953 | 8.0 | 1277197.0 | 1.108953 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.313523 | 8.0 | 1257016.0 | 1.156762 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.844228 | 8.0 | 1114164.0 | 1.211057 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 12.219289 | 8.0 | 1121260.0 | 1.221929 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 18.449964 | 8.0 | 1067686.0 | 1.153123 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 29.732889 | 8.0 | 996666.0 | 1.23887 | Y |



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## Calibration / Benzo[k]fluoranthene

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

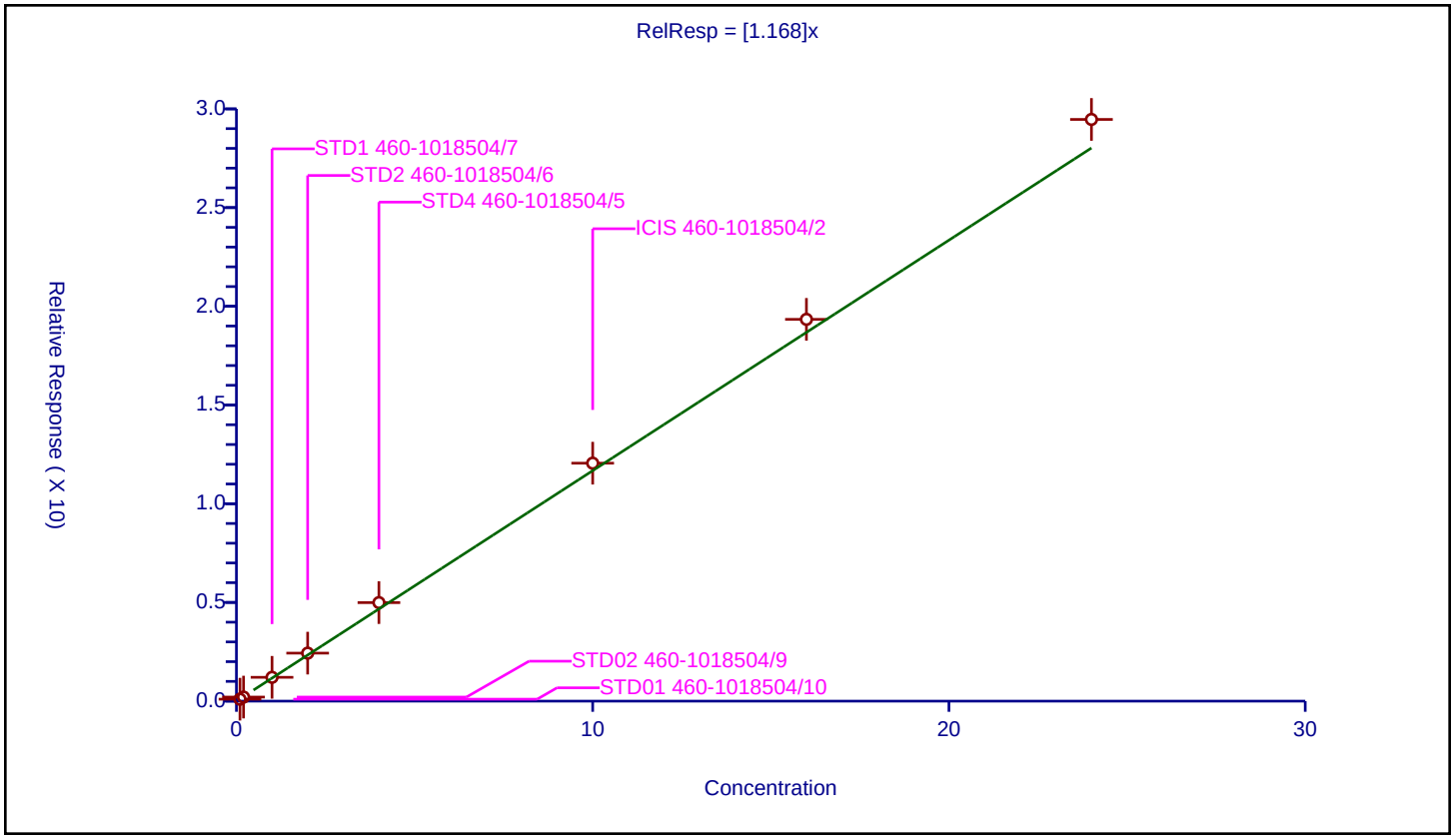
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.168 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.099722 | 8.0 | 1219147.0 | 0.997222 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.206118 | 8.0 | 1162128.0 | 1.030592 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 1.206241 | 8.0 | 1277197.0 | 1.206241 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.432415 | 8.0 | 1257016.0 | 1.216207 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.991789 | 8.0 | 1114164.0 | 1.247947 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 12.054032 | 8.0 | 1121260.0 | 1.205403 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 19.338787 | 8.0 | 1067686.0 | 1.208674 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 29.465526 | 8.0 | 996666.0 | 1.22773 | Y |



## Calibration / Benzo[a]pyrene

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

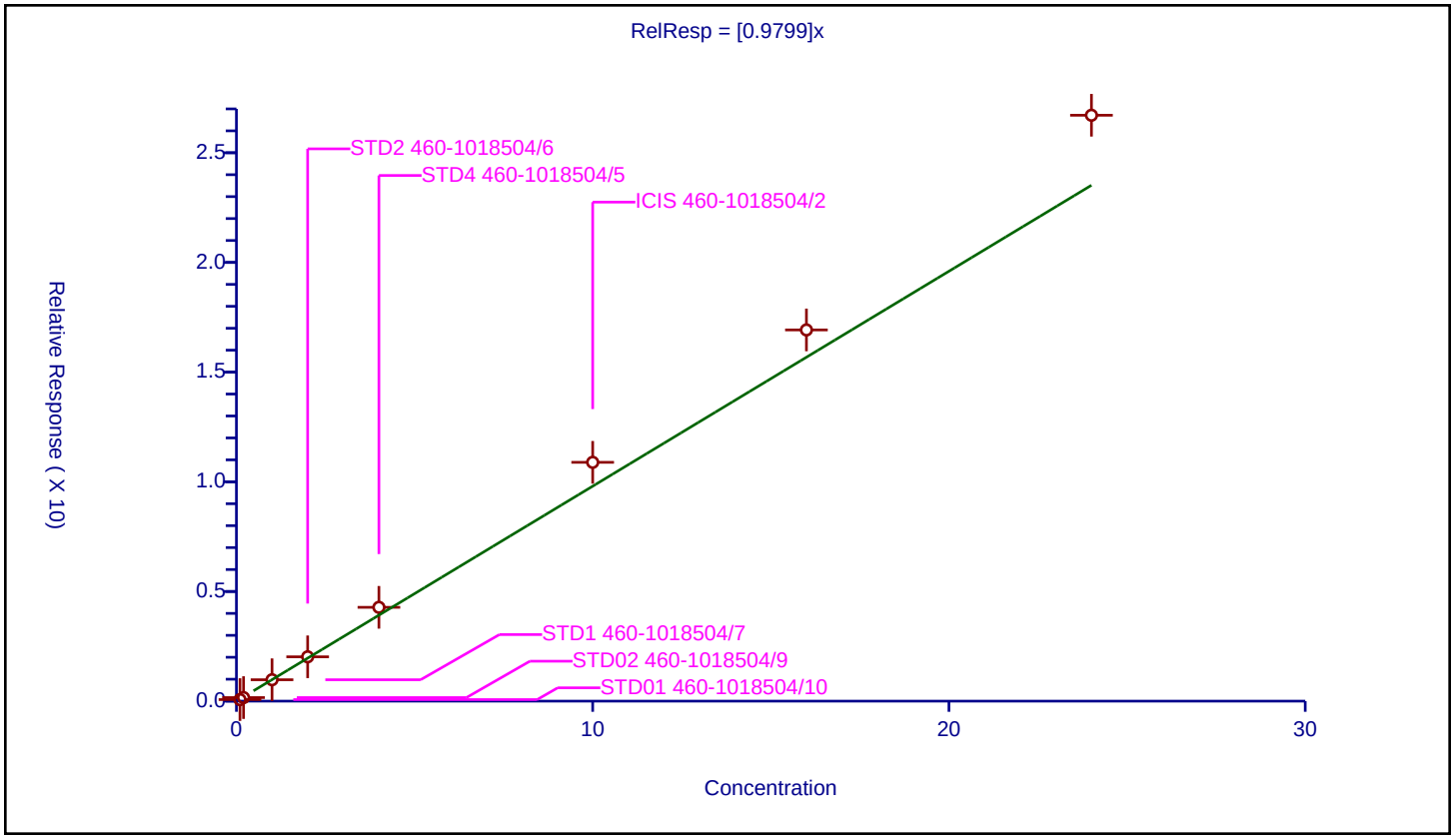
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9799 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.071322 | 8.0 | 1219147.0 | 0.71322 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.162275 | 8.0 | 1162128.0 | 0.811374 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.975787 | 8.0 | 1277197.0 | 0.975787 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.021047 | 8.0 | 1257016.0 | 1.010523 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.276749 | 8.0 | 1114164.0 | 1.069187 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 10.886988 | 8.0 | 1121260.0 | 1.088699 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 16.923627 | 8.0 | 1067686.0 | 1.057727 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 26.70953 | 8.0 | 996666.0 | 1.112897 | Y |



## Calibration / Indeno[1,2,3-cd]pyrene

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

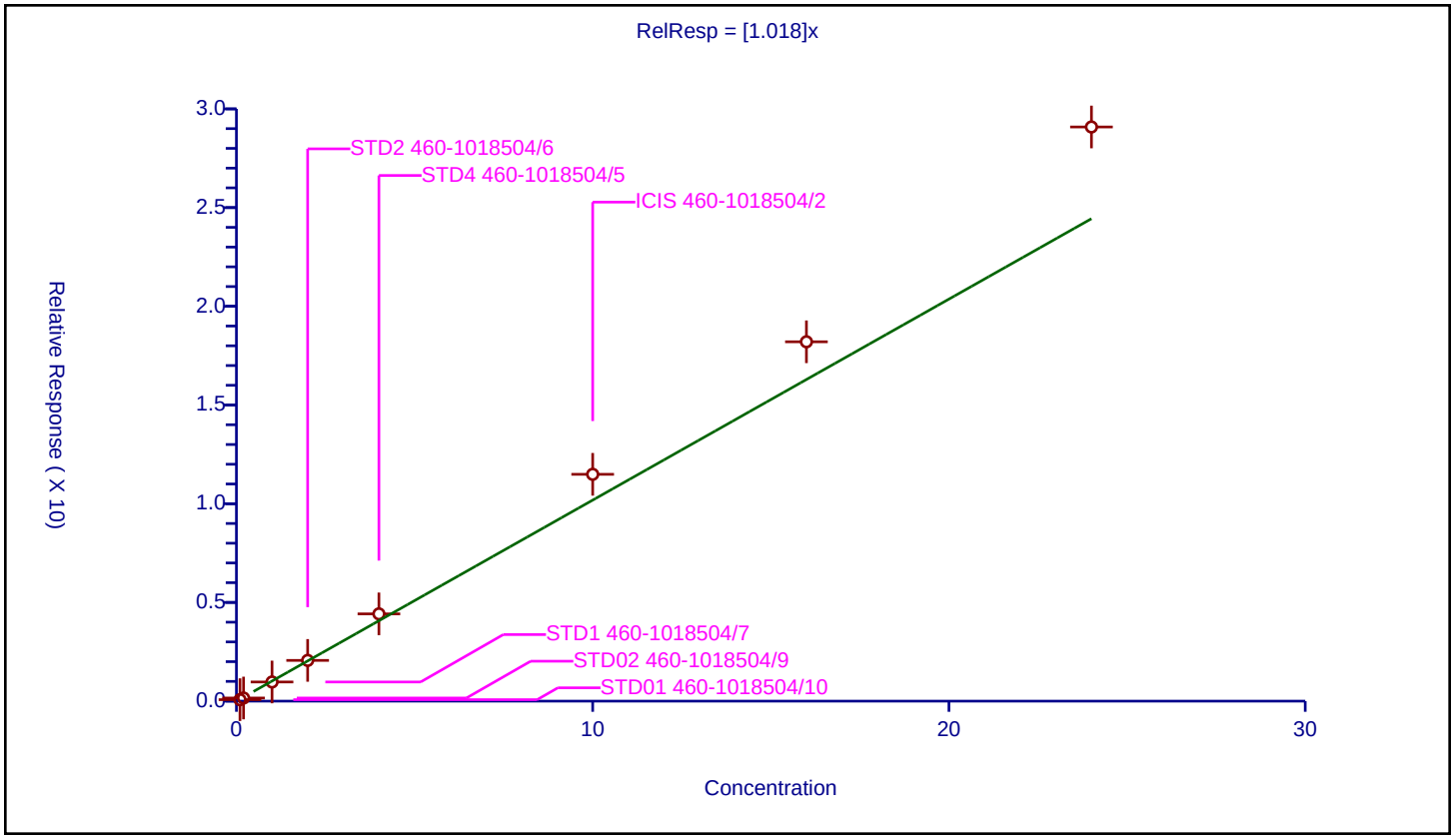
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.018 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.074708 | 8.0 | 1219147.0 | 0.74708 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.158509 | 8.0 | 1162128.0 | 0.792546 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.971051 | 8.0 | 1277197.0 | 0.971051 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.063019 | 8.0 | 1257016.0 | 1.03151 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.420785 | 8.0 | 1114164.0 | 1.105196 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 11.490252 | 8.0 | 1121260.0 | 1.149025 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 18.203225 | 8.0 | 1067686.0 | 1.137702 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 29.083717 | 8.0 | 996666.0 | 1.211822 | Y |



## Calibration / Dibenz(a,h)anthracene

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

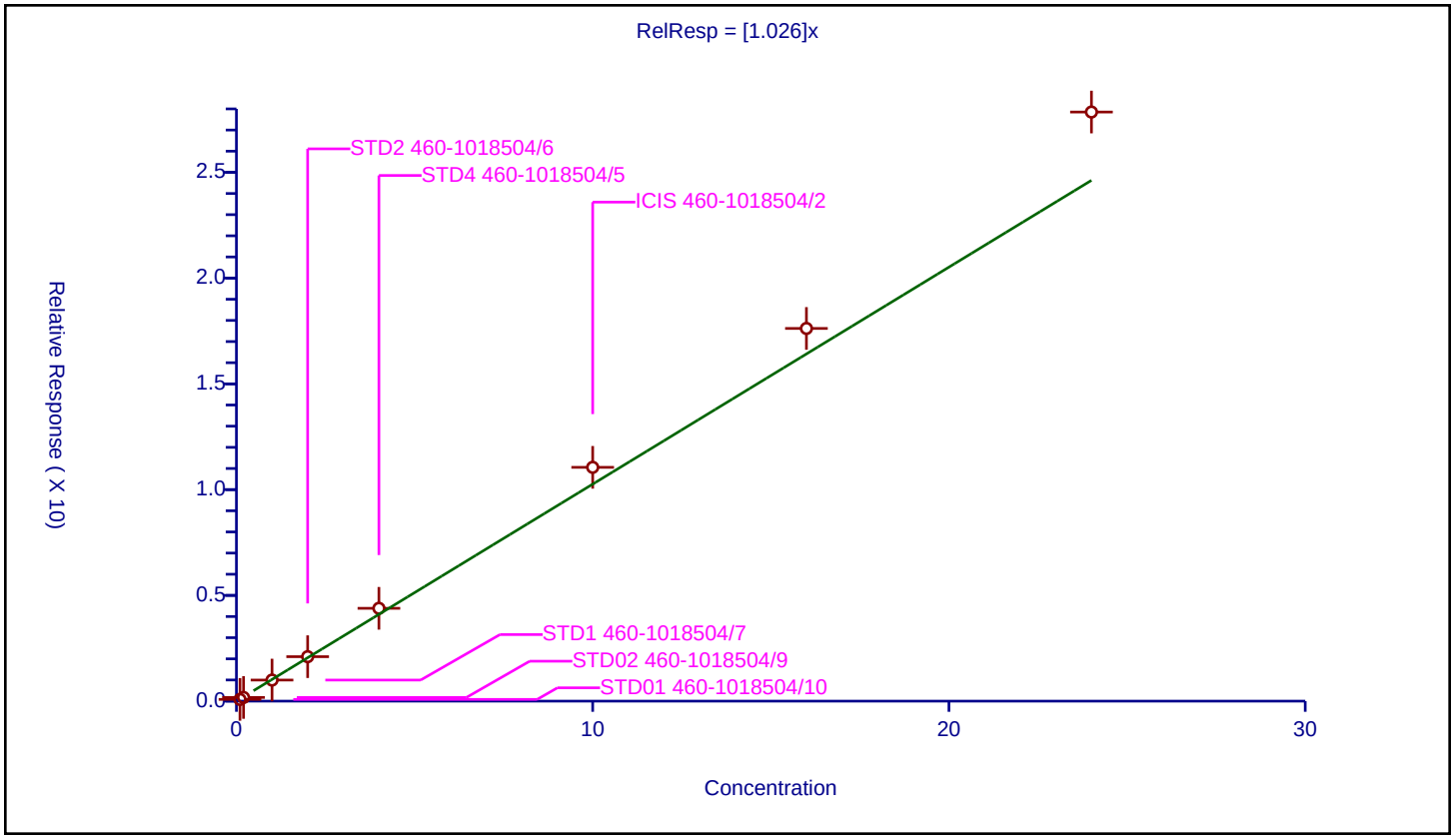
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.026 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.082149 | 8.0 | 1219147.0 | 0.821492 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.174624 | 8.0 | 1162128.0 | 0.873122 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.997071 | 8.0 | 1277197.0 | 0.997071 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.102427 | 8.0 | 1257016.0 | 1.051213 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.38902 | 8.0 | 1114164.0 | 1.097255 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 11.054207 | 8.0 | 1121260.0 | 1.105421 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 17.619899 | 8.0 | 1067686.0 | 1.101244 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 27.851055 | 8.0 | 996666.0 | 1.160461 | Y |



## Calibration / Benzo[g,h,i]perylene

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

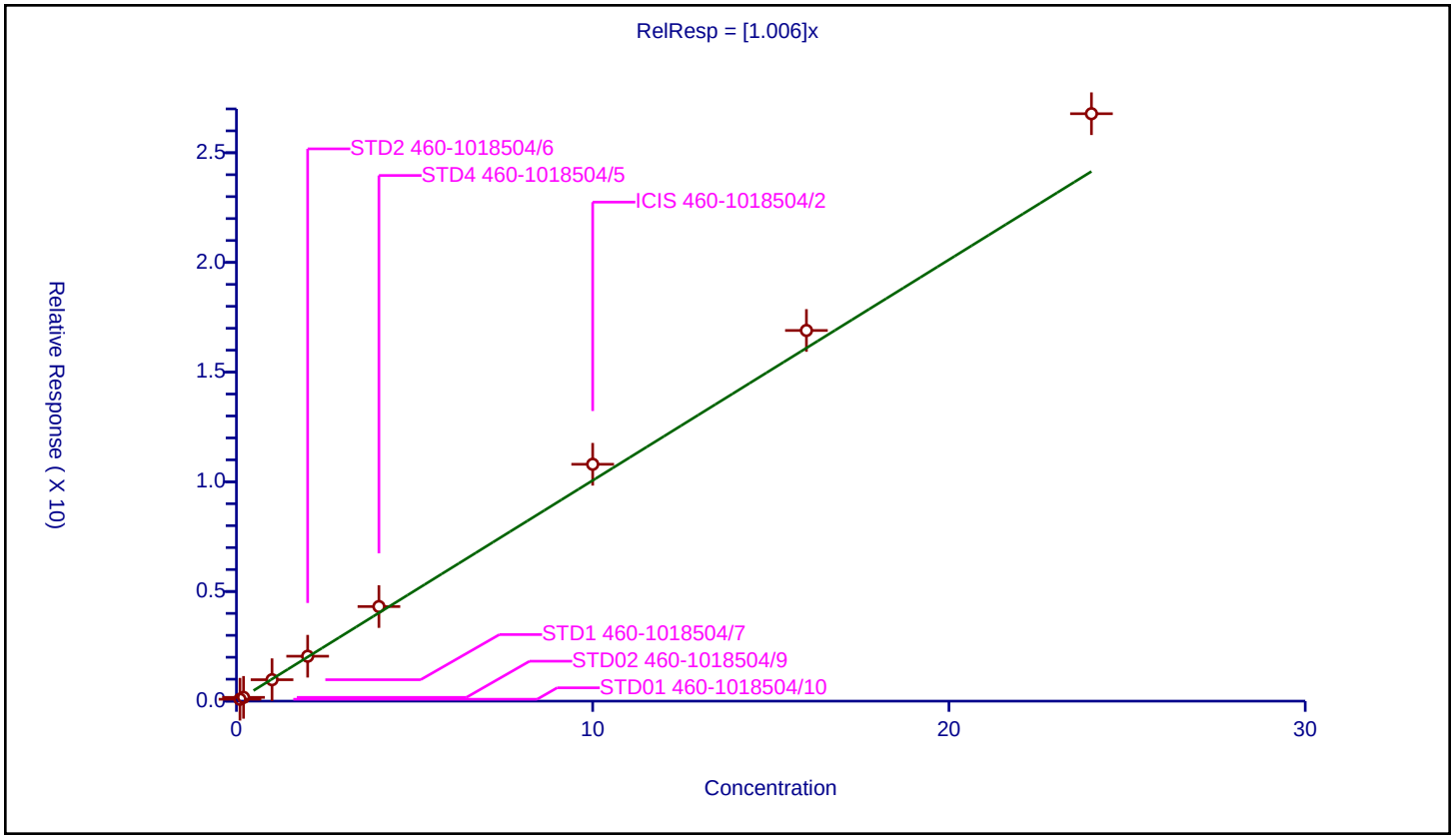
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.006 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD01 460-1018504/10 | 0.1 | 0.08627 | 8.0 | 1219147.0 | 0.862702 | Y |
| 2 | STD02 460-1018504/9 | 0.2 | 0.171313 | 8.0 | 1162128.0 | 0.856567 | Y |
| 3 | STD1 460-1018504/7 | 1.0 | 0.976332 | 8.0 | 1277197.0 | 0.976332 | Y |
| 4 | STD2 460-1018504/6 | 2.0 | 2.047439 | 8.0 | 1257016.0 | 1.02372 | Y |
| 5 | STD4 460-1018504/5 | 4.0 | 4.312629 | 8.0 | 1114164.0 | 1.078157 | Y |
| 6 | ICIS 460-1018504/2 | 10.0 | 10.799151 | 8.0 | 1121260.0 | 1.079915 | Y |
| 7 | STD16 460-1018504/4 | 16.0 | 16.898339 | 8.0 | 1067686.0 | 1.056146 | Y |
| 8 | STD24 460-1018504/3 | 24.0 | 26.780775 | 8.0 | 996666.0 | 1.115866 | Y |



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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD05 460-1019460/10 | X61923.d |
| Level 2 | STD1 460-1019460/9 | X61922.d |
| Level 3 | STD2 460-1019460/8 | X61921.d |
| Level 4 | STD5 460-1019460/7 | X61920.d |
| Level 5 | STD10 460-1019460/6 | X61919.d |
| Level 6 | STD20 460-1019460/5 | X61918.d |
| Level 7 | ICIS 460-1019460/2 | X61915.d |
| Level 8 | STD80 460-1019460/4 | X61917.d |
| Level 9 | STD120 460-1019460/3 | X61916.d |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | 0.5423 0.5163 | 0.5246 0.5216 | 0.5147 0.4906 | 0.5351 0.5095 | 0.4979 | Ave | | 0.5170 | | | 0.0100 | 3.2 | | 20.0 | | | |
| N-Nitrosodimethylamine | 0.7830 | 0.8091 | 0.7795 | 0.7819 0.8069 | 0.7680 | Ave | | 0.7881 | | | 0.0100 | 2.1 | | 20.0 | | | |
| Pyridine | 1.2763 | 1.2355 1.2481 | 1.2409 1.2384 | 1.1892 1.2714 | 1.2490 | Ave | | 1.2436 | | | 0.0100 | 2.1 | | 20.0 | | | |
| Benzaldehyde | 0.9602 | 1.1037 +++++ | 1.1416 +++++ | 1.1930 +++++ | 1.1199 | Ave | | 1.1037 | | | 0.0100 | 7.9 | | 20.0 | | | |
| Phenol | 1.7920 | 1.7583 | 1.6512 | 1.7026 1.6539 | 1.7428 | Ave | | 1.7168 | | | 0.8000 | 3.3 | | 20.0 | | | |
| Aniline | 1.3852 1.9213 | 1.6157 1.8214 | 1.8241 1.7384 | 1.8157 1.6959 | 1.8799 | Ave | | 1.7442 | | | 0.0100 | 9.4 | | 20.0 | | | |
| Bis(2-chloroethyl)ether | 1.2230 1.2965 | 1.3701 1.2984 | 1.3052 1.2491 | 1.2705 1.2583 | 1.2585 | Ave | | 1.2811 | | | 0.7000 | 3.3 | | 20.0 | | | |
| 2-Chlorophenol | 1.3660 | 1.3537 | 1.3125 | 1.3511 1.3211 | 1.3338 | Ave | | 1.3397 | | | 0.8000 | 1.5 | | 20.0 | | | |
| n-Decane | 1.5085 | 1.5051 | 1.4020 | 1.4731 1.4102 | 1.4908 | Ave | | 1.4649 | | | 0.0100 | 3.2 | | 20.0 | | | |
| 1,3-Dichlorobenzene | 1.5024 | 1.5092 | 1.4254 | 1.5153 1.4502 | 1.5224 | Ave | | 1.4875 | | | 0.0100 | 2.7 | | 20.0 | | | |
| 1,4-Dichlorobenzene | 1.5179 | 1.4956 | 1.4197 | 1.5252 1.4394 | 1.5286 | Ave | | 1.4878 | | | 0.0100 | 3.2 | | 20.0 | | | |
| Benzyl alcohol | 0.8604 | 0.8587 | 0.8484 | 0.8574 0.8411 | 0.8620 | Ave | | 0.8546 | | | 0.0100 | 1.0 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | 1.4704 | 1.4303 | 1.3591 | 1.4793<br>1.3620 | 1.4711 | Ave | | 1.4287 | | | 0.0100 | 3.9 | | 20.0 | | | |
| 2,2'-oxybis[1-chloropropane] | 1.8824 | 1.8676 | 1.7455 | 1.9227<br>1.7490 | 1.8754 | Ave | | 1.8404 | | | 0.0100 | 4.1 | | 20.0 | | | |
| 2-Methylphenol | 1.1623 | 1.1376 | 1.1036 | 1.1280<br>1.1122 | 1.1752 | Ave | | 1.1365 | | | 0.7000 | 2.5 | | 20.0 | | | |
| N-Methylaniline | 2.0103 | 2.0078 | 1.9842 | 1.9235<br>2.0086 | 1.9847 | Ave | | 1.9865 | | | 0.0100 | 1.7 | | 20.0 | | | |
| Acetophenone | 1.9151 | 1.8544 | 1.7839 | 1.8551<br>1.7772 | 1.9120 | Ave | | 1.8496 | | | 0.0100 | 3.2 | | 20.0 | | | |
| N-Nitrosodi-n-propylamine | 0.6168<br>0.9126 | 0.7852<br>0.9221 | 0.8917<br>0.8836 | 0.9174<br>0.8894 | 0.9143 | Ave | | 0.8592 | | | 0.5000 | 11.6 | | 20.0 | | | |
| 3 & 4 Methylphenol | 1.2790 | 1.2553 | 1.1900 | 1.2388<br>1.2039 | 1.2584 | Ave | | 1.2376 | | | 0.0100 | 2.8 | | 20.0 | | | |
| 4-Methylphenol | 1.2790 | 1.2553 | 1.1900 | 1.2388<br>1.2039 | 1.2584 | Ave | | 1.2376 | | | 0.6000 | 2.8 | | 20.0 | | | |
| Hexachloroethane | 0.5352<br>0.5767 | 0.5456<br>0.5717 | 0.5717<br>0.5455 | 0.5857<br>0.5563 | 0.5707 | Ave | | 0.5621 | | | 0.3000 | 3.0 | | 20.0 | | | |
| n,n'-Dimethylaniline | 1.8923<br>2.0517 | 1.9078<br>1.9691 | 2.0440<br>1.9375 | 2.0749<br>1.9452 | 2.0811 | Ave | | 1.9893 | | | 0.0100 | 3.7 | | 20.0 | | | |
| Nitrobenzene | 0.4889<br>0.6791 | 0.5984<br>0.6593 | 0.6235<br>0.6320 | 0.6541<br>0.6246 | 0.6644 | Ave | | 0.6249 | | | 0.2000 | 9.1 | | 20.0 | | | |
| Isophorone | 0.6589 | 0.6807 | 0.6040<br>0.6533 | 0.6275<br>0.6771 | 0.6522 | Ave | | 0.6505 | | | 0.4000 | 4.2 | | 20.0 | | | |
| 2-Nitrophenol | 0.1924 | 0.1934 | 0.1926 | 0.1768<br>0.1937 | 0.1859 | Ave | | 0.1892 | | | 0.1000 | 3.5 | | 20.0 | | | |
| 2,4-Dimethylphenol | 0.2592 | 0.2544 | 0.2491 | 0.2428<br>0.2562 | 0.2544 | Ave | | 0.2527 | | | 0.2000 | 2.3 | | 20.0 | | | |
| Bis(2-chloroethoxy)methane | 0.4239 | 0.4243 | 0.4088 | 0.4062<br>0.4141 | 0.4142 | Ave | | 0.4153 | | | 0.3000 | 1.8 | | 20.0 | | | |
| Benzoic acid | 0.2008 | 0.2154 | 0.2120 | 0.1781<br>0.2163 | 0.1882 | Ave | | 0.2018 | | | 0.0100 | 7.8 | | 20.0 | | | |
| 2,4-Dichlorophenol | 0.2969 | 0.2965 | 0.2526<br>0.2846 | 0.2795<br>0.2860 | 0.2873 | Ave | | 0.2834 | | | 0.2000 | 5.3 | | 20.0 | | | |
| 1,2,4-Trichlorobenzene | 0.3176<br>0.3400 | 0.3393<br>0.3366 | 0.3351<br>0.3203 | 0.3355<br>0.3222 | 0.3323 | Ave | | 0.3310 | | | 0.0100 | 2.6 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Naphthalene | 1.0494 | 1.0120 | 0.9554 | 1.0515 0.9602 | 1.0404 | Ave | | 1.0115 | | | 0.7000 | 4.3 | | 20.0 | | | |
| 4-Chloroaniline | 0.4113 | 0.4087 | 0.3899 | 0.3786 0.3851 | 0.3941 | Ave | | 0.3946 | | | 0.0100 | 3.3 | | 20.0 | | | |
| 2,6-Dichlorophenol | 0.2861 | 0.2814 | 0.2672 0.2740 | 0.2825 0.2756 | 0.2823 | Ave | | 0.2784 | | | | 2.3 | | 20.0 | | | |
| Hexachlorobutadiene | 0.2005 | 0.2100 0.1993 | 0.2063 0.1934 | 0.1982 0.1955 | 0.2005 | Ave | | 0.2005 | | | 0.0100 | 2.7 | | 20.0 | | | |
| Caprolactam | 0.1479 | 0.1141 0.1869 | 0.1245 0.1881 | 0.1464 0.1567 | 0.1510 | Ave | | 0.1520 | | | 0.0100 | 17.2 | | 20.0 | | | |
| 4-Chloro-3-methylphenol | 0.2820 | 0.2941 | 0.2773 | 0.2599 0.2865 | 0.2758 | Ave | | 0.2793 | | | 0.2000 | 4.2 | | 20.0 | | | |
| 2-Methylnaphthalene | 0.6867 | 0.6944 | 0.6585 | 0.6727 0.6600 | 0.6776 | Ave | | 0.6750 | | | 0.4000 | 2.1 | | 20.0 | | | |
| 1-Methylnaphthalene | 0.6339 | 0.6230 | 0.5973 | 0.5891 0.6046 | 0.6273 | Ave | | 0.6125 | | | 0.0100 | 3.0 | | 20.0 | | | |
| Hexachlorocyclopentadiene | 0.3739 | 0.3268 | 0.3126 | 0.3342 0.2683 | 0.3576 | Ave | | 0.3289 | | | 0.0500 | 11.2 | | 20.0 | | | |
| 1,2,4,5-Tetrachlorobenzene | 0.6743 | 0.6388 | 0.6215 | 0.6521 0.6204 | 0.6283 | Ave | | 0.6392 | | | 0.0100 | 3.3 | | 20.0 | | | |
| 2-tertbutyl-4-methylphenol | 0.4082 | 0.4097 | 0.4005 | 0.3857 0.4120 | 0.4085 | Ave | | 0.4041 | | | 0.0100 | 2.4 | | 20.0 | | | |
| 2,4,6-Trichlorophenol | 0.4198 | 0.4114 | 0.3464 0.4086 | 0.3868 0.4123 | 0.4018 | Ave | | 0.3982 | | | 0.2000 | 6.3 | | 20.0 | | | |
| 2,4,5-Trichlorophenol | 0.4421 | 0.4402 | 0.4318 | 0.4098 0.4421 | 0.4479 | Ave | | 0.4357 | | | 0.2000 | 3.1 | | 20.0 | | | |
| 1,1'-Biphenyl | 1.5973 | 1.5448 | 1.4931 | 1.5837 1.4986 | 1.5607 | Ave | | 1.5464 | | | 0.0100 | 2.8 | | 20.0 | | | |
| 2-Chloronaphthalene | 1.2452 | 1.2070 | 1.1507 | 1.2105 1.1429 | 1.2454 | Ave | | 1.2003 | | | 0.8000 | 3.7 | | 20.0 | | | |
| Phenyl ether | 0.8977 | 0.8598 | 0.8529 | 0.8995 0.8513 | 0.8723 | Ave | | 0.8722 | | | 0.0100 | 2.5 | | 20.0 | | | |
| 2-Nitroaniline | 0.3642 | 0.3672 | 0.3501 | 0.3405 0.3632 | 0.3469 | Ave | | 0.3553 | | | 0.0100 | 3.1 | | 20.0 | | | |
| 1,3-Dimethylnaphthalene | 0.9997 | 0.9773 | 0.9673 | 0.9801 0.9749 | 0.9872 | Ave | | 0.9811 | | | 0.0100 | 1.1 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dimethyl phthalate | 1.3850 | 1.3721 | 1.3175 | 1.3302 1.3438 | 1.3229 | Ave | | 1.3453 | | | 0.0100 | 2.0 | | 20.0 | | | |
| Coumarin | 0.2388 | 0.2420 | 0.2367 | 0.2289 0.2223 | 0.2400 | Ave | | 0.2348 | | | 0.0100 | 3.2 | | 20.0 | | | |
| 2,6-Dinitrotoluene | 0.3111 | 0.2731 0.3135 | 0.2675 0.2973 | 0.3003 0.3029 | 0.2920 | Ave | | 0.2947 | | | 0.2000 | 5.7 | | 20.0 | | | |
| Acenaphthylene | 1.8845 | 1.8173 | 1.7302 | 1.8067 1.7268 | 1.8235 | Ave | | 1.7982 | | | 0.9000 | 3.4 | | 20.0 | | | |
| 3-Nitroaniline | 0.3345 | 0.3401 | 0.3311 | 0.3240 0.3467 | 0.3301 | Ave | | 0.3344 | | | 0.0100 | 2.4 | | 20.0 | | | |
| Acenaphthene | 1.1321 | 1.0994 | 1.0422 | 1.1104 1.0483 | 1.1133 | Ave | | 1.0909 | | | 0.9000 | 3.4 | | 20.0 | | | |
| 3,5-di-tert-butyl-4-hydroxytol | 0.9610 | 0.9549 | 0.9233 | 0.7004 0.9157 | 0.8737 | Ave | | 0.8882 | | | 0.0100 | 10.9 | | 20.0 | | | |
| 2,4-Dinitrophenol | 0.1948 | 0.1999 | 0.0956 0.2061 | 0.1487 0.2151 | 0.1685 | Lin2 | -0.462 | 0.2050 | | | 0.0100 | | | | 0.9970 | | 0.9900 |
| 4-Nitrophenol | 0.2560 | 0.2565 | 0.2450 | 0.2159 0.2493 | 0.2396 | Ave | | 0.2437 | | | 0.0100 | 6.2 | | 20.0 | | | |
| Dibenzofuran | 1.7709 | 1.6957 | 1.5960 | 1.7192 1.6060 | 1.7316 | Ave | | 1.6866 | | | 0.8000 | 4.2 | | 20.0 | | | |
| 2,4-Dinitrotoluene | 0.4207 | 0.3252 0.4147 | 0.3834 0.4045 | 0.4015 0.4158 | 0.4047 | Ave | | 0.3963 | | | 0.2000 | 7.8 | | 20.0 | | | |
| 2,3,4,6-Tetrachlorophenol | 0.3581 | 0.3710 | 0.3627 | 0.3456 0.3778 | 0.3453 | Ave | | 0.3601 | | | 0.0100 | 3.7 | | 20.0 | | | |
| Diethyl phthalate | 1.3536 | 1.3575 | 1.3366 | 1.3570 1.3043 | 1.2949 | Ave | | 1.3340 | | | 0.0100 | 2.1 | | 20.0 | | | |
| Fluorene | 1.3618 | 1.3351 | 1.2739 | 1.3676 1.2703 | 1.3529 | Ave | | 1.3269 | | | 0.9000 | 3.3 | | 20.0 | | | |
| 4-Chlorophenyl phenyl ether | 0.6827 | 0.6651 | 0.6408 | 0.6907 0.6243 | 0.6811 | Ave | | 0.6641 | | | 0.4000 | 4.0 | | 20.0 | | | |
| 4-Nitroaniline | 0.3250 | 0.3325 | 0.3312 | 0.2882 0.3409 | 0.3009 | Ave | | 0.3198 | | | 0.0100 | 6.4 | | 20.0 | | | |
| 4,6-Dinitro-2-methylphenol | 0.1353 | 0.1392 | 0.0957 0.1374 | 0.1224 0.1420 | 0.1271 | Ave | | 0.1284 | | | 0.0100 | 12.5 | | 20.0 | | | |
| N-Nitrosodiphenylamine | 0.5046 | 0.5116 | 0.4810 | 0.4980 0.4894 | 0.5103 | Ave | | 0.4991 | | | 0.0100 | 2.4 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Diphenylhydrazine | 0.7236 | 0.7067 | 0.6639 | 0.7190<br>0.6760 | 0.7162 | Ave | | 0.7009 | | | 0.0100 | 3.6 | | 20.0 | | | |
| Azobenzene | 0.7236 | 0.7067 | 0.6637 | 0.7195<br>0.6760 | 0.7159 | Ave | | 0.7009 | | | | 3.6 | | 20.0 | | | |
| 4-Bromophenyl phenyl ether | 0.2269 | 0.2247 | 0.2191 | 0.2223<br>0.2253 | 0.2269 | Ave | | 0.2242 | | | 0.1000 | 1.4 | | 20.0 | | | |
| Hexachlorobenzene | 0.2690<br>0.2868 | 0.2934<br>0.2883 | 0.2772<br>0.2769 | 0.2869<br>0.2873 | 0.2878 | Ave | | 0.2837 | | | 0.1000 | 2.7 | | 20.0 | | | |
| Atrazine | 0.2052 | 0.1716<br>0.2140 | 0.1845<br>0.1857 | 0.2010<br>0.1495 | 0.2014 | Ave | | 0.1891 | | | 0.0100 | 11.1 | | 20.0 | | | |
| Pentachlorophenol | 0.1780 | 0.1827 | 0.1332<br>0.1761 | 0.1573<br>0.1777 | 0.1665 | Ave | | 0.1674 | | | 0.0500 | 10.3 | | 20.0 | | | |
| Pentachloronitrobenzene | 0.0978 | 0.0962 | 0.0935 | 0.0952<br>0.0973 | 0.0969 | Ave | | 0.0962 | | | 0.0100 | 1.7 | | 20.0 | | | |
| n-Octadecane | 0.4922 | 0.4969 | 0.4692 | 0.4658<br>0.4752 | 0.4842 | Ave | | 0.4806 | | | 0.0100 | 2.6 | | 20.0 | | | |
| Phenanthrene | 1.0226 | 0.9895 | 0.9423 | 1.0396<br>0.9543 | 1.0281 | Ave | | 0.9961 | | | 0.7000 | 4.1 | | 20.0 | | | |
| Anthracene | 1.0562 | 1.0283 | 0.9810 | 1.0592<br>0.9866 | 1.0541 | Ave | | 1.0276 | | | 0.7000 | 3.5 | | 20.0 | | | |
| Carbazole | 0.9454 | 0.9254 | 0.8928 | 0.9405<br>0.9053 | 0.9296 | Ave | | 0.9231 | | | 0.0100 | 2.2 | | 20.0 | | | |
| Di-n-butyl phthalate | 1.1939 | 1.1970 | 1.0852<br>1.1393 | 1.1230<br>1.1605 | 1.1549 | Ave | | 1.1505 | | | 0.0100 | 3.4 | | 20.0 | | | |
| Fluoranthene | 1.1641 | 1.1397 | 1.0799 | 1.1286<br>1.1169 | 1.1438 | Ave | | 1.1288 | | | 0.6000 | 2.5 | | 20.0 | | | |
| Benzidine | 0.3779 | 0.4113 | 0.4396 | 0.3913<br>0.3590 | 0.3991 | Ave | | 0.3964 | | | 0.0100 | 7.0 | | 20.0 | | | |
| Pyrene | 1.3601 | 1.3533 | 1.2776 | 1.2780<br>1.3077 | 1.3385 | Ave | | 1.3192 | | | 0.6000 | 2.8 | | 20.0 | | | |
| Bisphenol-A | 0.5614 | 0.5910 | 0.6037 | 0.4995<br>0.6327 | 0.5244 | Ave | | 0.5688 | | | | 8.8 | | 20.0 | | | |
| Butyl benzyl phthalate | 0.5751 | 0.6061 | 0.5978 | 0.5196<br>0.6058 | 0.5405 | Ave | | 0.5741 | | | 0.0100 | 6.4 | | 20.0 | | | |
| 2,3,7,8-TCDD | | 0.2530 | | | | Ave | | 0.2530 | | | 0.0100 | | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 GC Column: Rtxi-5Sil M ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 Calibration End Date: 02/04/2025 08:34 Calibration ID: 100079

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 LVL 9 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Carbamazepine | 0.4898 | 0.5411 | 0.5598 | 0.3662 0.5808 | 0.4260 | Ave | | 0.4939 | | | 0.0100 | 17.0 | | 20.0 | | | |
| 3,3'-Dichlorobenzidine | 0.5253 | 0.5448 | 0.4315 0.5591 | 0.4907 0.5143 | 0.5065 | Ave | | 0.5103 | | | 0.0100 | 8.2 | | 20.0 | | | |
| Benzo[a]anthracene | 1.2741 1.3606 | 1.3073 1.3552 | 1.2863 1.2902 | 1.2838 1.3226 | 1.3136 | Ave | | 1.3104 | | | 0.8000 | 2.4 | | 20.0 | | | |
| Chrysene | 1.2946 | 1.2812 | 1.2217 | 1.2725 1.2595 | 1.2923 | Ave | | 1.2703 | | | 0.7000 | 2.1 | | 20.0 | | | |
| Bis(2-ethylhexyl) phthalate | 0.8494 | 0.8751 | 0.8336 | 0.7675 0.8471 | 0.8119 | Ave | | 0.8308 | | | 0.0100 | 4.5 | | 20.0 | | | |
| Di-n-octyl phthalate | 1.2121 | 1.2401 | 1.2247 | 1.0627 1.2456 | 1.1245 | Ave | | 1.1850 | | | 0.0100 | 6.3 | | 20.0 | | | |
| Benzo[b]fluoranthene | 0.9200 1.1551 | 0.9916 1.1626 | 1.0586 1.1238 | 1.0975 1.2720 | 1.1594 | Ave | | 1.1045 | | | 0.7000 | 9.4 | | 20.0 | | | |
| Benzo[k]fluoranthene | 1.1510 1.2667 | 1.1221 1.2299 | 1.2258 1.1678 | 1.1982 1.0866 | 1.1881 | Ave | | 1.1818 | | | 0.7000 | 4.8 | | 20.0 | | | |
| Benzo[a]pyrene | 0.8807 1.0844 | 0.9174 1.0827 | 0.9403 1.0534 | 1.0337 1.0798 | 1.0419 | Ave | | 1.0127 | | | 0.7000 | 7.7 | | 20.0 | | | |
| Indeno[1,2,3-cd]pyrene | 1.0875 1.4608 | 1.2032 1.4549 | 1.2392 1.4108 | 1.3701 1.4549 | 1.4017 | Ave | | 1.3426 | | | 0.5000 | 10.0 | | 20.0 | | | |
| Dibenz(a,h)anthracene | 0.8985 1.2032 | 1.0309 1.1767 | 1.0932 1.1511 | 1.1159 1.1686 | 1.1607 | Ave | | 1.1110 | | | 0.4000 | 8.5 | | 20.0 | | | |
| Benzo[g,h,i]perylene | 0.8979 1.0864 | 0.9060 1.0924 | 0.9099 1.0695 | 1.0055 1.1042 | 1.0245 | Ave | | 1.0107 | | | 0.5000 | 8.5 | | 20.0 | | | |
| 2-Fluorophenol (Surr) | 1.2856 | 1.0618 1.3421 | 0.9644 1.3829 | 1.2321 1.3596 | 1.2527 | Ave | | 1.2352 | | | 0.0100 | 12.0 | | 20.0 | | | |
| Phenol-d5 (Surr) | 1.2893 1.6782 | 1.4654 1.7246 | 1.5615 1.7503 | 1.6205 1.7045 | 1.6681 | Ave | | 1.6069 | | | 0.0100 | 9.2 | | 20.0 | | | |
| Nitrobenzene-d5 (Surr) | 0.3643 0.3878 | 0.3682 0.3976 | 0.3571 0.4075 | 0.3827 0.4011 | 0.3904 | Ave | | 0.3841 | | | 0.0100 | 4.6 | | 20.0 | | | |
| 2-Fluorobiphenyl | 1.3883 1.5412 | 1.4531 1.5003 | 1.5478 1.5274 | 1.5415 1.4769 | 1.5417 | Ave | | 1.5020 | | | 0.0100 | 3.6 | | 20.0 | | | |
| 2,4,6-Tribromophenol (Surr) | 0.3342 | 0.2738 0.3383 | 0.3091 0.3518 | 0.3006 0.3551 | 0.3279 | Ave | | 0.3239 | | | 0.0100 | 8.5 | | 20.0 | | | |
| Terphenyl-d14 (Surr) | 1.0178 1.2234 | 1.1005 1.2399 | 1.1793 1.2679 | 1.1917 1.2502 | 1.2284 | Ave | | 1.1888 | | | 0.0100 | 6.8 | | 20.0 | | | |

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

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD05 460-1019460/10 | X61923.d |
| Level 2 | STD1 460-1019460/9 | X61922.d |
| Level 3 | STD2 460-1019460/8 | X61921.d |
| Level 4 | STD5 460-1019460/7 | X61920.d |
| Level 5 | STD10 460-1019460/6 | X61919.d |
| Level 6 | STD20 460-1019460/5 | X61918.d |
| Level 7 | ICIS 460-1019460/2 | X61915.d |
| Level 8 | STD80 460-1019460/4 | X61917.d |
| Level 9 | STD120 460-1019460/3 | X61916.d |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 1,4-Dioxane | DCBd4 | Ave | 1137<br>42132 | 2202<br>104247 | 4331<br>162587 | 13523<br>245483 | 20435 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| N-Nitrosodimethylamine | DCBd4 | Ave | <br>63892 | <br>161723 | <br>258316 | 19760<br>388803 | 31521 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| Pyridine | DCBd4 | Ave | <br>208292 | 10372<br>498944 | 20883<br>820770 | 60106<br>1225168 | 102520 | <br>40.0 | 2.00<br>100 | 4.00<br>160 | 10.0<br>240 | 20.0 |
| Benzaldehyde | DCBd4 | Ave | <br>62679 | 4633<br>+++++ | 9606<br>+++++ | 30149<br>+++++ | 45961 | <br>16.0 | 1.00<br>+++++ | 2.00<br>+++++ | 5.00<br>+++++ | 10.0 |
| Phenol | DCBd4 | Ave | <br>146226 | <br>351447 | <br>547160 | 43026<br>796911 | 71527 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| Aniline | DCBd4 | Ave | 2904<br>156779 | 6782<br>364066 | 15348<br>576072 | 45886<br>817141 | 77156 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Bis(2-chloroethyl)ether | DCBd4 | Ave | 2564<br>105797 | 5751<br>259522 | 10982<br>413913 | 32108<br>606309 | 51650 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2-Chlorophenol | DCBd4 | Ave | <br>111467 | <br>270584 | <br>434940 | 34144<br>636544 | 54741 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| n-Decane | DCBd4 | Ave | <br>123091 | <br>300839 | <br>464586 | 37228<br>679486 | 61185 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| 1,3-Dichlorobenzene | DCBd4 | Ave | <br>122597 | <br>301651 | <br>472334 | 38295<br>698767 | 62481 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| 1,4-Dichlorobenzene | DCBd4 | Ave | <br>123864 | <br>298941 | <br>470463 | 38544<br>693569 | 62737 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| Benzyl alcohol | DCBd4 | Ave | <br>70205 | <br>171625 | <br>281151 | 21669<br>405249 | 35376 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| 1,2-Dichlorobenzene | DCBd4 | Ave | <br>119983 | <br>285892 | <br>450379 | 37384<br>656256 | 60375 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| 2,2'-oxybis[1-chloropropane] | DCBd4 | Ave | <br>153600 | <br>373291 | <br>578438 | 48590<br>842709 | 76971 | <br>20.0 | <br>50.0 | <br>80.0 | 5.00<br>120 | 10.0 |
| 2-Methylphenol | DCBd4 | Ave | | | | 28506 | 48233 | | | | 5.00 | 10.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 94844 | 227388 | 365719 | 535870 | | 20.0 | 50.0 | 80.0 | 120 | |
| N-Methylaniline | DCBd4 | Ave | 164041 | 401318 | 657519 | 48610<br>967782 | 81456 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Acetophenone | DCBd4 | Ave | 156275 | 370659 | 591163 | 46880<br>856309 | 78473 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| N-Nitrosodi-n-propylamine | DCBd4 | Ave | 1293<br>74467 | 3296<br>184308 | 7503<br>292802 | 23185<br>428533 | 37526 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 3 & 4 Methylphenol | DCBd4 | Ave | 104364 | 250915 | 394328 | 31307<br>580058 | 51645 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4-Methylphenol | DCBd4 | Ave | 104364 | 250915 | 394328 | 31307<br>580058 | 51645 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Hexachloroethane | DCBd4 | Ave | 1122<br>47055 | 2290<br>114271 | 4810<br>180784 | 14801<br>268053 | 23422 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| n,n'-Dimethylaniline | DCBd4 | Ave | 3967<br>167416 | 8008<br>393574 | 17199<br>642055 | 52436<br>937247 | 85411 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Nitrobenzene | DCBd4 | Ave | 1025<br>55418 | 2512<br>131776 | 5246<br>209448 | 16531<br>300950 | 27267 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Isophorone | NPT | Ave | 203735 | 512612 | 19379<br>827589 | 60812<br>1242212 | 102330 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2-Nitrophenol | NPT | Ave | 59497 | 145644 | 244021 | 17134<br>355423 | 29173 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,4-Dimethylphenol | NPT | Ave | 80138 | 191571 | 315519 | 23530<br>470079 | 39913 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Bis(2-chloroethoxy)methane | NPT | Ave | 131084 | 319545 | 517866 | 39364<br>759705 | 64995 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Benzoic acid | NPT | Ave | 62083 | 162215 | 268503 | 17263<br>396769 | 29535 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,4-Dichlorophenol | NPT | Ave | 91820 | 223312 | 8104<br>360456 | 27092<br>524723 | 45080 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 1,2,4-Trichlorobenzene | NPT | Ave | 2526<br>105145 | 5403<br>253483 | 10752<br>405738 | 32512<br>591035 | 52131 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Naphthalene | NPT | Ave | 324485 | 762144 | 1210211 | 101910<br>1761433 | 163238 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4-Chloroaniline | NPT | Ave | 127183 | 307770 | 493844 | 36698<br>706542 | 61828 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,6-Dichlorophenol | NPT | Ave | 88474 | 211892 | 8572<br>347055 | 27382<br>505607 | 44295 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Hexachlorobutadiene | NPT | Ave | 62008 | 3343<br>150125 | 6620<br>245043 | 19212<br>358691 | 31456 | 20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Caprolactam | NPT | Ave | 36597 | 1817<br>56290 | 3996<br>71481 | 14190<br>76636 | 23688 | 16.0 | 1.00<br>20.0 | 2.00<br>24.0 | 5.00<br>32.0 | 10.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| 4-Chloro-3-methylphenol | NPT | Ave | 87190 | 221508 | 351234 | 25187<br>525491 | 43280 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2-Methylnaphthalene | NPT | Ave | 212336 | 522954 | 834095 | 65198<br>1210675 | 106322 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 1-Methylnaphthalene | NPT | Ave | 196014 | 469195 | 756579 | 57092<br>1109051 | 98429 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Hexachlorocyclopentadiene | ANT | Ave | 59501 | 129315 | 205698 | 16732<br>254721 | 29432 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 1,2,4,5-Tetrachlorobenzene | ANT | Ave | 107307 | 252799 | 409033 | 32653<br>588984 | 51704 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2-tertbutyl-4-methylphenol | NPT | Ave | 126221 | 308567 | 507308 | 37384<br>755857 | 64099 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,4,6-Trichlorophenol | ANT | Ave | 66819 | 162815 | 5737<br>268922 | 19366<br>391438 | 33065 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2,4,5-Trichlorophenol | ANT | Ave | 70368 | 174219 | 284137 | 20521<br>419652 | 36858 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 1,1'-Biphenyl | ANT | Ave | 254204 | 611322 | 982599 | 79298<br>1422684 | 128437 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2-Chloronaphthalene | ANT | Ave | 198169 | 477662 | 757270 | 60608<br>1084962 | 102487 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Phenyl ether | ANT | Ave | 142875 | 340245 | 561264 | 45040<br>808173 | 71780 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2-Nitroaniline | ANT | Ave | 57966 | 145298 | 230383 | 17048<br>344775 | 28544 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 1,3-Dimethylnaphthalene | ANT | Ave | 159103 | 386743 | 636587 | 49073<br>925441 | 81240 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Dimethyl phthalate | ANT | Ave | 220419 | 542990 | 867078 | 66604<br>1275696 | 108862 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Coumarin | NPT | Ave | 73846 | 182216 | 299785 | 22188<br>407723 | 37656 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,6-Dinitrotoluene | ANT | Ave | 49516 | 2291<br>124074 | 4430<br>195651 | 15037<br>287499 | 24031 | 20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Acenaphthylene | ANT | Ave | 299926 | 719160 | 1138677 | 90461<br>1639223 | 150057 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 3-Nitroaniline | ANT | Ave | 53229 | 134593 | 217901 | 16225<br>329128 | 27162 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Acenaphthene | ANT | Ave | 180179 | 435049 | 685893 | 55599<br>995132 | 91615 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 3,5-di-tert-butyl-4-hydroxytol | ANT | Ave | 152949 | 377885 | 607611 | 35070<br>869289 | 71903 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,4-Dinitrophenol | ANT | Lin2 | | | 3167 | 14889 | 27736 | | | 4.00 | 10.0 | 20.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 62015 | 158251 | 271241 | 408361 | | 40.0 | 100 | 160 | 240 | |
| 4-Nitrophenol | ANT | Ave | 81489 | 202980 | 322439 | 21617<br>473274 | 39435 | 40.0 | 100 | 160 | 10.0<br>240 | 20.0 |
| Dibenzofuran | ANT | Ave | 281845 | 671049 | 1050350 | 86081<br>1524610 | 142500 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,4-Dinitrotoluene | ANT | Ave | 66949 | 2728<br>164127 | 6350<br>266222 | 20103<br>394732 | 33307 | 20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2,3,4,6-Tetrachlorophenol | ANT | Ave | 56985 | 146830 | 238668 | 17303<br>358632 | 28416 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Diethyl phthalate | ANT | Ave | 215419 | 537194 | 879638 | 67946<br>1238231 | 106560 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Fluorene | ANT | Ave | 216724 | 528327 | 838327 | 68475<br>1205946 | 111330 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4-Chlorophenyl phenyl ether | ANT | Ave | 108652 | 263217 | 421687 | 34582<br>592679 | 56048 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4-Nitroaniline | ANT | Ave | 51716 | 131569 | 217977 | 14430<br>323610 | 24758 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4,6-Dinitro-2-methylphenol | PHN | Ave | 83566 | 215686 | 6055<br>354435 | 23246<br>524544 | 39710 | 40.0 | 100 | 4.00<br>160 | 10.0<br>240 | 20.0 |
| N-Nitrosodiphenylamine | PHN | Ave | 155848 | 396342 | 620535 | 47304<br>903801 | 79721 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 1,2-Diphenylhydrazine | PHN | Ave | 223494 | 547566 | 856454 | 68300<br>1248395 | 111888 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Azobenzene | PHN | Ave | 223494 | 547566 | 856201 | 68348<br>1248395 | 111839 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 4-Bromophenyl phenyl ether | PHN | Ave | 70084 | 174117 | 282631 | 21115<br>416126 | 35447 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Hexachlorobenzene | PHN | Ave | 2108<br>88578 | 4639<br>223346 | 8773<br>357274 | 27253<br>530524 | 44963 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Atrazine | PHN | Ave | 50696 | 2714<br>66327 | 5839<br>71884 | 19096<br>73639 | 31464 | 16.0 | 1.00<br>20.0 | 2.00<br>24.0 | 5.00<br>32.0 | 10.0 |
| Pentachlorophenol | PHN | Ave | 109931 | 283183 | 8430<br>454319 | 29889<br>656213 | 52035 | 40.0 | 100 | 4.00<br>160 | 10.0<br>240 | 20.0 |
| Pentachloronitrobenzene | PHN | Ave | 30218 | 74519 | 120636 | 9043<br>179787 | 15132 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| n-Octadecane | PHN | Ave | 152028 | 384985 | 605296 | 44242<br>877663 | 75645 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Phenanthrene | PHN | Ave | 315844 | 766667 | 1215612 | 98751<br>1762506 | 160609 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Anthracene | PHN | Ave | 326216 | 796701 | 1265595 | 100615<br>1822043 | 164665 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| Carbazole | PHN | Ave | 291987 | 716957 | 1151688 | 89338<br>1671945 | 145218 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Di-n-butyl phthalate | PHN | Ave | 368763 | 927427 | 34342<br>1469716 | 106671<br>2143270 | 180411 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Fluoranthene | PHN | Ave | 359556 | 883016 | 1393124 | 107202<br>2062638 | 178685 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Benzidine | PHN | Ave | 116731 | 318654 | 567155 | 37168<br>663059 | 62345 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Pyrene | CRY | Ave | 373794 | 911019 | 1425074 | 110304<br>2083646 | 186407 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Bisphenol-A | CRY | Ave | 154287 | 397851 | 673387 | 43111<br>1008115 | 73026 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Butyl benzyl phthalate | CRY | Ave | 158053 | 408026 | 666828 | 44848<br>965232 | 75266 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 2,3,7,8-TCDD | CRY | Ave | | 1703 | | | | | 0.500 | | | |
| Carbamazepine | CRY | Ave | 134609 | 364288 | 624415 | 31606<br>925333 | 59321 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| 3,3'-Dichlorobenzidine | CRY | Ave | 144376 | 366764 | 11927<br>623644 | 42354<br>819486 | 70536 | 20.0 | 50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Benzo[a]anthracene | CRY | Ave | 8821<br>373943 | 18443<br>912331 | 35555<br>1439123 | 110802<br>2107371 | 182936 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Chrysene | CRY | Ave | 355805 | 862504 | 1362699 | 109827<br>2006744 | 179974 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Bis(2-ethylhexyl) phthalate | CRY | Ave | 233447 | 589146 | 929809 | 66239<br>1349693 | 113067 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Di-n-octyl phthalate | PRY | Ave | 387527 | 1012637 | 1650747 | 104426<br>2411834 | 181969 | 20.0 | 50.0 | 80.0 | 5.00<br>120 | 10.0 |
| Benzo[b]fluoranthene | PRY | Ave | 7332<br>369284 | 15974<br>949327 | 33880<br>1514849 | 107852<br>2462896 | 187624 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Benzo[k]fluoranthene | PRY | Ave | 9173<br>404953 | 18077<br>1004322 | 39231<br>1574089 | 117744<br>2103891 | 192259 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Benzo[a]pyrene | PRY | Ave | 7019<br>346686 | 14780<br>884090 | 30094<br>1419942 | 101579<br>2090739 | 168612 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Indeno[1,2,3-cd]pyrene | PRY | Ave | 8667<br>467024 | 19384<br>1187998 | 39660<br>1901611 | 134640<br>2816961 | 226825 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Dibenz(a,h)anthracene | PRY | Ave | 7161<br>384666 | 16608<br>960821 | 34987<br>1551610 | 109660<br>2262726 | 187835 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Benzo[g,h,i]perylene | PRY | Ave | 7156<br>347315 | 14596<br>891979 | 29120<br>1441621 | 98813<br>2137983 | 165782 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2-Fluorophenol (Surr) | DCBd4 | Ave | | 4457 | 8115 | 31137 | 51414 | | 1.00 | 2.00 | 5.00 | 10.0 |

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

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/ML) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 | LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4<br>LVL 9 | LVL 5 |
| | | | 104909 | 268265 | 458258 | 655094 | | 20.0 | 50.0 | 80.0 | 120 | |
| Phenol-d5 (Surr) | DCBd4 | Ave | 2703<br>136943 | 6151<br>344711 | 13139<br>580017 | 40953<br>821261 | 68462 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Nitrobenzene-d5 (Surr) | NPT | Ave | 2898<br>119906 | 5863<br>299461 | 11458<br>516175 | 37091<br>735786 | 61246 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2-Fluorobiphenyl | ANT | Ave | 5714<br>245282 | 12189<br>593701 | 25636<br>1005164 | 77186<br>1402058 | 126874 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| 2,4,6-Tribromophenol (Surr) | ANT | Ave | <br>53193 | 2297<br>133871 | 5120<br>231516 | 15049<br>337078 | 26987 | <br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |
| Terphenyl-d14 (Surr) | CRY | Ave | 7047<br>336223 | 15526<br>834711 | 32597<br>1414186 | 102853<br>1991902 | 171063 | 0.500<br>20.0 | 1.00<br>50.0 | 2.00<br>80.0 | 5.00<br>120 | 10.0 |

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

FORM VI
GC/MS SEMI VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1019460

SDG No.:

Instrument ID: CBNAMS5 | GC Column: Rtxi-5Sil M ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 02/04/2025 06:01 | Calibration End Date: 02/04/2025 08:34 | Calibration ID: 100079

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | STD05 460-1019460/10 | X61923.d |
| Level 2 | STD1 460-1019460/9 | X61922.d |
| Level 3 | STD2 460-1019460/8 | X61921.d |
| Level 4 | STD5 460-1019460/7 | X61920.d |
| Level 5 | STD10 460-1019460/6 | X61919.d |
| Level 6 | STD20 460-1019460/5 | X61918.d |
| Level 7 | ICIS 460-1019460/2 | X61915.d |
| Level 8 | STD80 460-1019460/4 | X61917.d |
| Level 9 | STD120 460-1019460/3 | X61916.d |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # LVL 9 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 LVL 9 | LVL 4 | LVL 5 | LVL 6 |
| 2,4-Dinitrophenol | | | 3.0 | | | | | | 30 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 7
Inject. Date: 04-Feb-2025 06:01:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:18 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 06:19:02

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 95 | 104247 | 50.0 | 50.4 | |
| 2 N-Nitrosodimethylamine | 74 | 1.267 | 1.267 | 0.000 | 91 | 161723 | 50.0 | 51.3 | |
| 3 Pyridine | 79 | 1.293 | 1.293 | 0.000 | 92 | 498944 | 100.0 | 100.4 | |
| $ 4 2-Fluorophenol | 112 | 2.065 | 2.065 | 0.000 | 94 | 268265 | 50.0 | 54.3 | |
| 5 Benzaldehyde | 77 | 2.700 | 2.700 | 0.000 | 93 | 46344 | 20.0 | 10.5 | |
| $ 6 Phenol-d5 | 99 | 2.776 | 2.776 | 0.000 | 97 | 344711 | 50.0 | 53.7 | |
| 7 Phenol | 94 | 2.786 | 2.786 | 0.000 | 90 | 351447 | 50.0 | 51.2 | |
| 8 Aniline | 93 | 2.789 | 2.789 | 0.000 | 77 | 364066 | 50.0 | 52.2 | |
| 9 Bis(2-chloroethyl)ether | 93 | 2.840 | 2.840 | 0.000 | 93 | 259522 | 50.0 | 50.7 | |
| 11 2-Chlorophenol | 128 | 2.885 | 2.885 | 0.000 | 91 | 270584 | 50.0 | 50.5 | |
| 12 n-Decane | 43 | 2.933 | 2.933 | 0.000 | 92 | 300839 | 50.0 | 51.4 | |
| 13 1,3-Dichlorobenzene | 146 | 3.006 | 3.006 | 0.000 | 95 | 301651 | 50.0 | 50.7 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 95 | 159902 | 40.0 | 40.0 | |
| 15 1,4-Dichlorobenzene | 146 | 3.067 | 3.067 | 0.000 | 86 | 298941 | 50.0 | 50.3 | |
| 16 Benzyl alcohol | 108 | 3.182 | 3.182 | 0.000 | 92 | 171625 | 50.0 | 50.2 | |
| 17 1,2-Dichlorobenzene | 146 | 3.195 | 3.195 | 0.000 | 95 | 285892 | 50.0 | 50.1 | |
| 18 2-Methylphenol | 108 | 3.287 | 3.287 | 0.000 | 79 | 227388 | 50.0 | 50.1 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.287 | 3.287 | 0.000 | 87 | 373291 | 50.0 | 50.7 | |
| 20 N-Methylaniline | 106 | 3.396 | 3.396 | 0.000 | 95 | 401318 | 50.0 | 50.5 | a |
| 21 Acetophenone | 105 | 3.409 | 3.409 | 0.000 | 80 | 370659 | 50.0 | 50.1 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.415 | 3.415 | 0.000 | 86 | 184308 | 50.0 | 53.7 | |
| 24 4-Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 47 | 250915 | 50.0 | 50.7 | a |
| 23 3 & 4 Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 52 | 250915 | 50.0 | 50.7 | |
| 25 Hexachloroethane | 117 | 3.482 | 3.482 | 0.000 | 93 | 114271 | 50.0 | 50.9 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.537 | 3.537 | 0.000 | 87 | 299461 | 50.0 | 51.8 | |
| 28 Nitrobenzene | 123 | 3.556 | 3.556 | 0.000 | 89 | 131776 | 50.0 | 52.7 | |
| 27 n,n'-Dimethylaniline | 120 | 3.559 | 3.559 | 0.000 | 83 | 393574 | 50.0 | 49.5 | |
| 31 Isophorone | 82 | 3.776 | 3.776 | 0.000 | 97 | 512612 | 50.0 | 52.3 | |
| 32 2-Nitrophenol | 139 | 3.834 | 3.834 | 0.000 | 92 | 145644 | 50.0 | 51.1 | |
| 33 2,4-Dimethylphenol | 122 | 3.898 | 3.898 | 0.000 | 91 | 191571 | 50.0 | 50.3 | |
| 34 Bis(2-chloroethoxy)methane | 93 | 3.968 | 3.968 | 0.000 | 98 | 319545 | 50.0 | 51.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.051 | 4.051 | 0.000 | 43 | 162215 | 50.0 | 53.4 | |
| 36 2,4-Dichlorophenol | 162 | 4.057 | 4.057 | 0.000 | 96 | 223312 | 50.0 | 52.3 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.121 | 4.121 | 0.000 | 91 | 253483 | 50.0 | 50.8 | |
| * 38 Naphthalene-d8 | 136 | 4.166 | 4.166 | 0.000 | 99 | 602466 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.185 | 4.185 | 0.000 | 98 | 762144 | 50.0 | 50.0 | |
| 40 4-Chloroaniline | 127 | 4.249 | 4.249 | 0.000 | 91 | 307770 | 50.0 | 51.8 | |
| 130 2,6-Dichlorophenol | 162 | 4.252 | 4.252 | 0.000 | 90 | 211892 | 50.0 | 50.5 | |
| 41 Hexachlorobutadiene | 225 | 4.307 | 4.307 | 0.000 | 97 | 150125 | 50.0 | 49.7 | |
| 42 Caprolactam | 55 | 4.664 | 4.664 | 0.000 | 90 | 56290 | 20.0 | 24.6 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.703 | 4.703 | 0.000 | 90 | 221508 | 50.0 | 52.7 | |
| 44 2-Methylnaphthalene | 142 | 4.802 | 4.802 | 0.000 | 82 | 522954 | 50.0 | 51.4 | |
| 45 1-Methylnaphthalene | 142 | 4.885 | 4.885 | 0.000 | 91 | 469195 | 50.0 | 50.9 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.946 | 4.946 | 0.000 | 86 | 129315 | 50.0 | 49.7 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.955 | 4.955 | 0.000 | 98 | 252799 | 50.0 | 50.0 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.006 | 5.006 | 0.000 | 89 | 308567 | 50.0 | 50.7 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.064 | 5.064 | 0.000 | 91 | 162815 | 50.0 | 51.7 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.099 | 5.099 | 0.000 | 97 | 174219 | 50.0 | 50.5 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.131 | 5.131 | 0.000 | 93 | 593701 | 50.0 | 49.9 | |
| 52 1,1'-Biphenyl | 154 | 5.218 | 5.218 | 0.000 | 96 | 611322 | 50.0 | 49.9 | |
| 53 2-Chloronaphthalene | 162 | 5.227 | 5.227 | 0.000 | 96 | 477662 | 50.0 | 50.3 | |
| 54 Phenyl ether | 170 | 5.310 | 5.310 | 0.000 | 84 | 340245 | 50.0 | 49.3 | |
| 56 2-Nitroaniline | 65 | 5.336 | 5.336 | 0.000 | 78 | 145298 | 50.0 | 51.7 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.425 | 5.425 | 0.000 | 90 | 386743 | 50.0 | 49.8 | |
| 58 Dimethyl phthalate | 163 | 5.509 | 5.509 | 0.000 | 98 | 542990 | 50.0 | 51.0 | |
| 59 Coumarin | 146 | 5.515 | 5.515 | 0.000 | 82 | 182216 | 50.0 | 51.5 | |
| 60 2,6-Dinitrotoluene | 165 | 5.553 | 5.553 | 0.000 | 69 | 124074 | 50.0 | 53.2 | |
| 61 Acenaphthylene | 152 | 5.589 | 5.589 | 0.000 | 96 | 719160 | 50.0 | 50.5 | |
| 64 3-Nitroaniline | 138 | 5.704 | 5.704 | 0.000 | 94 | 134593 | 50.0 | 50.9 | |
| * 65 Acenaphthene-d10 | 164 | 5.713 | 5.713 | 0.000 | 96 | 316584 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.745 | 5.745 | 0.000 | 94 | 435049 | 50.0 | 50.4 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.755 | 5.755 | 0.000 | 97 | 377885 | 50.0 | 53.8 | |
| 68 2,4-Dinitrophenol | 184 | 5.800 | 5.800 | 0.000 | 97 | 158251 | 100.0 | 99.8 | |
| 69 4-Nitrophenol | 65 | 5.889 | 5.889 | 0.000 | 79 | 202980 | 100.0 | 105.2 | |
| 71 Dibenzofuran | 168 | 5.899 | 5.899 | 0.000 | 91 | 671049 | 50.0 | 50.3 | |
| 70 2,4-Dinitrotoluene | 165 | 5.912 | 5.912 | 0.000 | 72 | 164127 | 50.0 | 52.3 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.020 | 6.020 | 0.000 | 95 | 146830 | 50.0 | 51.5 | |
| 73 Diethyl phthalate | 149 | 6.126 | 6.126 | 0.000 | 98 | 537194 | 50.0 | 50.9 | |
| 75 Fluorene | 166 | 6.200 | 6.200 | 0.000 | 82 | 528327 | 50.0 | 50.3 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.203 | 6.203 | 0.000 | 79 | 263217 | 50.0 | 50.1 | |
| 76 4-Nitroaniline | 138 | 6.251 | 6.251 | 0.000 | 91 | 131569 | 50.0 | 52.0 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.276 | 6.276 | 0.000 | 79 | 215686 | 100.0 | 108.4 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.315 | 6.315 | 0.000 | 98 | 396342 | 50.0 | 51.2 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.344 | 6.344 | 0.000 | 98 | 547566 | 50.0 | 50.4 | |
| 131 Azobenzene | 77 | 6.344 | 6.344 | 0.000 | 0 | 547566 | 50.0 | 50.4 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.414 | 6.414 | 0.000 | 91 | 133871 | 50.0 | 52.2 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.631 | 6.631 | 0.000 | 93 | 174117 | 50.0 | 50.1 | |
| 83 Hexachlorobenzene | 284 | 6.689 | 6.689 | 0.000 | 92 | 223346 | 50.0 | 50.8 | |
| 84 Atrazine | 200 | 6.798 | 6.798 | 0.000 | 90 | 66327 | 20.0 | 22.6 | |
| 85 Pentachlorophenol | 266 | 6.871 | 6.871 | 0.000 | 90 | 283183 | 100.0 | 109.2 | |
| 86 Pentachloronitrobenzene | 237 | 6.878 | 6.878 | 0.000 | 65 | 74519 | 50.0 | 50.0 | |
| 87 n-Octadecane | 57 | 6.961 | 6.961 | 0.000 | 91 | 384985 | 50.0 | 51.7 | |
| * 88 Phenanthrene-d10 | 188 | 7.019 | 7.019 | 0.000 | 98 | 619828 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.041 | 7.041 | 0.000 | 97 | 766667 | 50.0 | 49.7 | |
| 90 Anthracene | 178 | 7.086 | 7.086 | 0.000 | 97 | 796701 | 50.0 | 50.0 | |
| 91 Carbazole | 167 | 7.236 | 7.236 | 0.000 | 82 | 716957 | 50.0 | 50.1 | |
| 92 Di-n-butyl phthalate | 149 | 7.559 | 7.559 | 0.000 | 100 | 927427 | 50.0 | 52.0 | |
| 93 Fluoranthene | 202 | 8.086 | 8.086 | 0.000 | 97 | 883016 | 50.0 | 50.5 | |
| 94 Benzidine | 184 | 8.217 | 8.217 | 0.000 | 98 | 318654 | 50.0 | 51.9 | |
| 95 Pyrene | 202 | 8.284 | 8.284 | 0.000 | 96 | 911019 | 50.0 | 51.3 | |
| 82 Bisphenol-A | 213 | 8.351 | 8.351 | 0.000 | 98 | 397851 | 50.0 | 52.0 | |
| $ 96 Terphenyl-d14 | 244 | 8.435 | 8.435 | 0.000 | 97 | 834711 | 50.0 | 52.2 | |
| 97 Butyl benzyl phthalate | 149 | 8.882 | 8.882 | 0.000 | 96 | 408026 | 50.0 | 52.8 | |
| 98 2,3,7,8-TCDD | 320 | 8.968 | 8.968 | 0.000 | 17 | 1703 | 0.5000 | 0.5000 | |
| 99 Carbamazepine | 193 | 8.978 | 8.978 | 0.000 | 92 | 364288 | 50.0 | 54.8 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.371 | 9.371 | 0.000 | 98 | 366764 | 50.0 | 53.4 | |
| 101 Benzo[a]anthracene | 228 | 9.384 | 9.384 | 0.000 | 99 | 912331 | 50.0 | 51.7 | |
| * 102 Chrysene-d12 | 240 | 9.396 | 9.396 | 0.000 | 98 | 538559 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.422 | 9.422 | 0.000 | 95 | 862504 | 50.0 | 50.4 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.445 | 9.445 | 0.000 | 85 | 589146 | 50.0 | 52.7 | |
| 105 Di-n-octyl phthalate | 149 | 10.100 | 10.100 | 0.000 | 96 | 1012637 | 50.0 | 52.3 | |
| 106 Benzo[b]fluoranthene | 252 | 10.461 | 10.461 | 0.000 | 97 | 949327 | 50.0 | 52.6 | |
| 107 Benzo[k]fluoranthene | 252 | 10.489 | 10.489 | 0.000 | 99 | 1004322 | 50.0 | 52.0 | |
| 108 Benzo[a]pyrene | 252 | 10.787 | 10.787 | 0.000 | 96 | 884090 | 50.0 | 53.5 | |
| * 109 Perylene-d12 | 264 | 10.841 | 10.841 | 0.000 | 99 | 653251 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.959 | 11.959 | 0.000 | 95 | 1187998 | 50.0 | 54.2 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.979 | 11.979 | 0.000 | 94 | 960821 | 50.0 | 53.0 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.270 | 12.270 | 0.000 | 92 | 891979 | 50.0 | 54.0 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

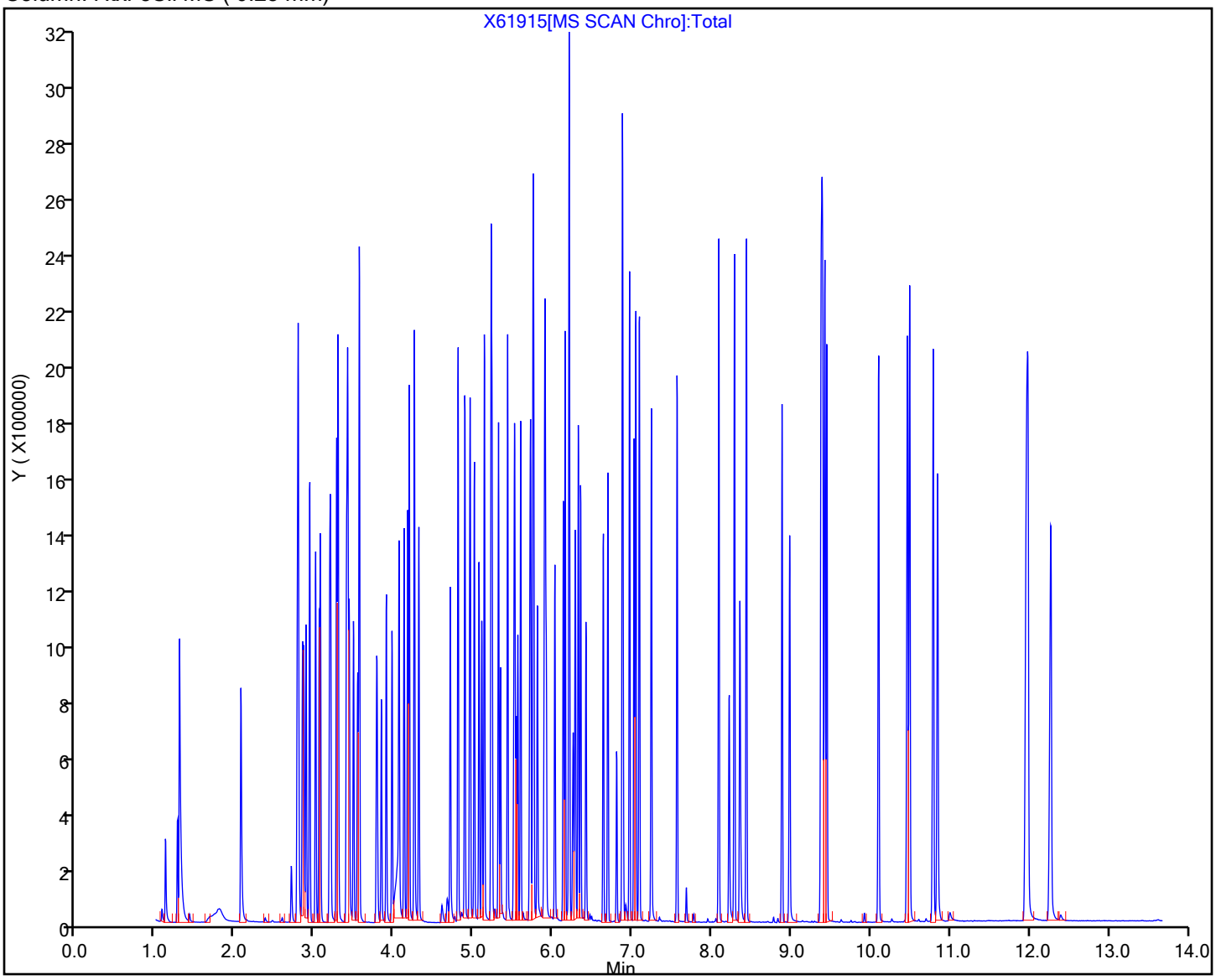
## Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d
Injection Date: 04-Feb-2025 06:01:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d
Injection Date: 04-Feb-2025 06:01:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

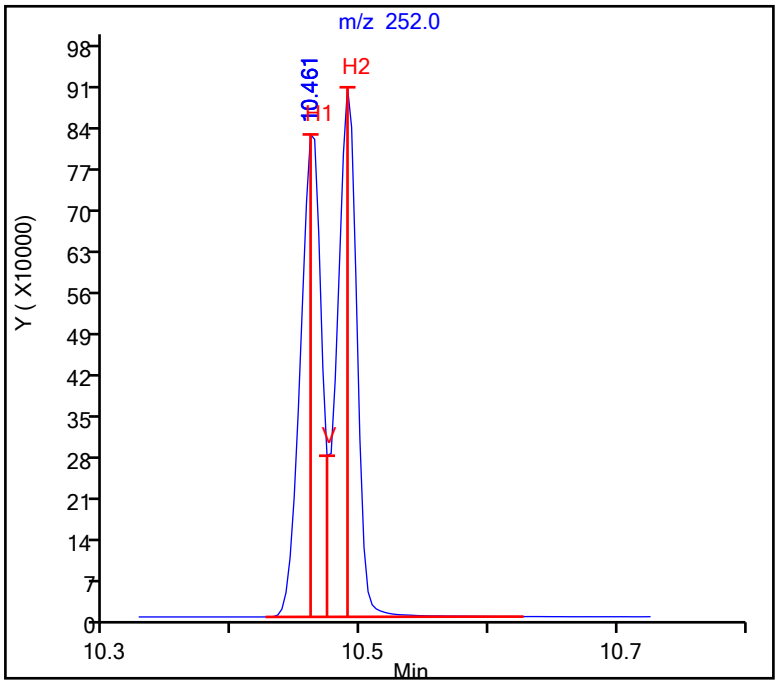
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 274810
H1( 106 Benzo[b]fluoranthen) = 822814
H2( 107 Benzo[k]fluoranthen) = 903181

Version D: %R = 31.8 <= 50.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

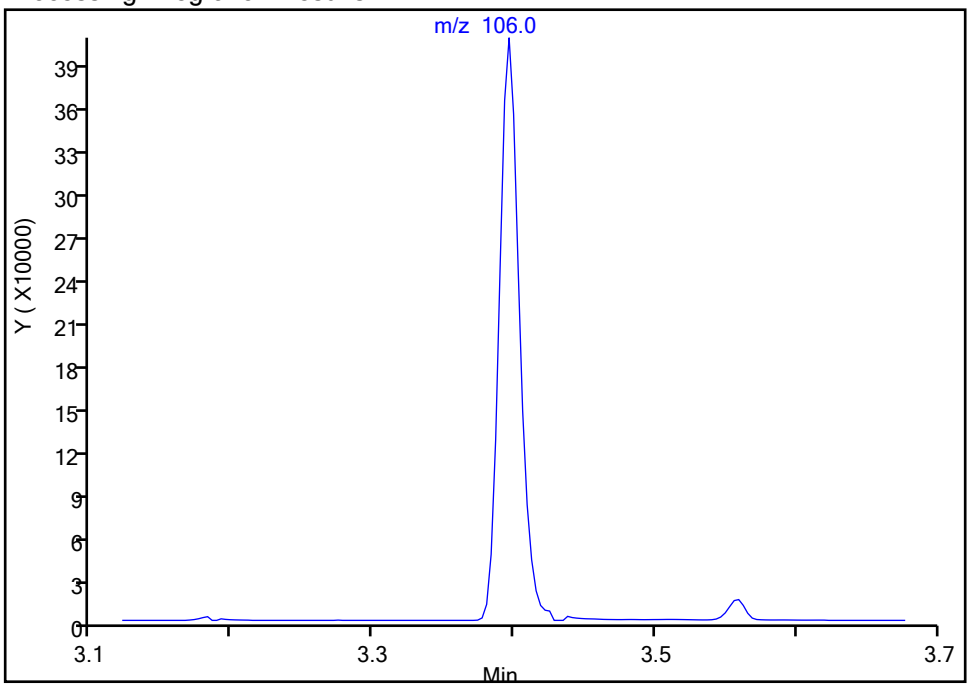
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d | | | | |
| Injection Date: | 04-Feb-2025 06:01:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | ICIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

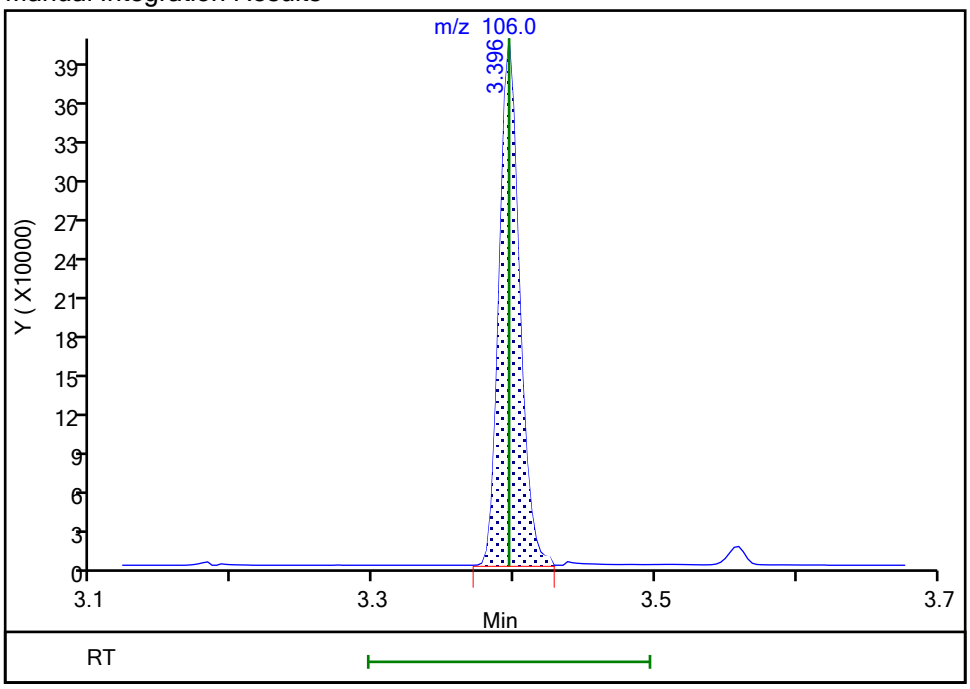
Not Detected
Expected RT: 3.40

Processing Integration Results




Manual Integration Results

RT: 3.40
Area: 401318
Amount: 50.536249
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:17:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

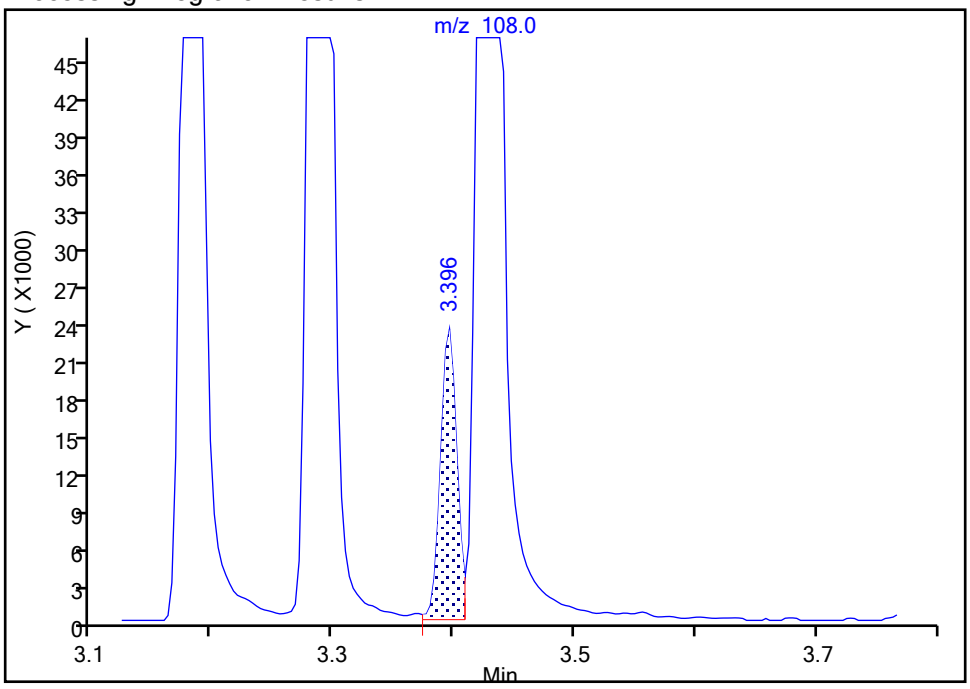
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d | | | | |
| Injection Date: | 04-Feb-2025 06:01:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | ICIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

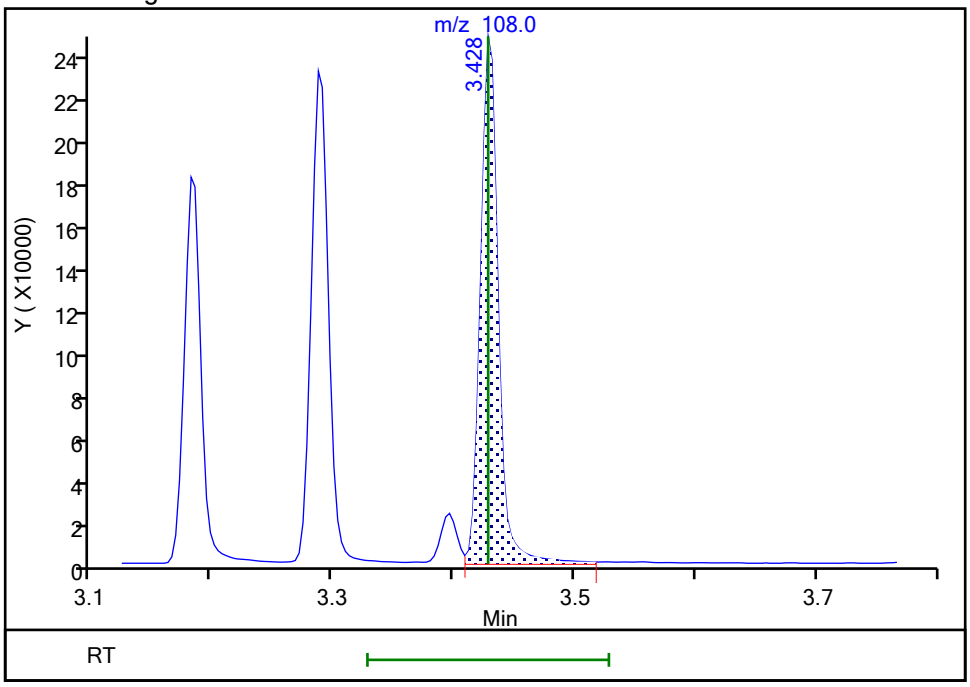
Processing Integration Results

RT: 3.40
Area: 22235
Amount: 50.000000
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 250915
Amount: 50.718813
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:18:43 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

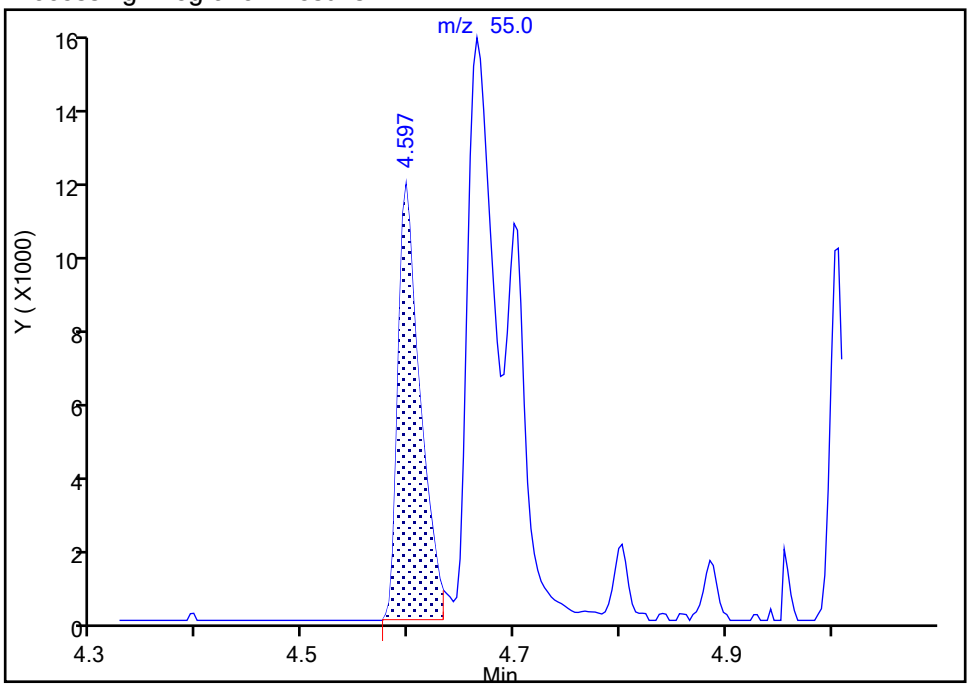
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d
Injection Date: 04-Feb-2025 06:01:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

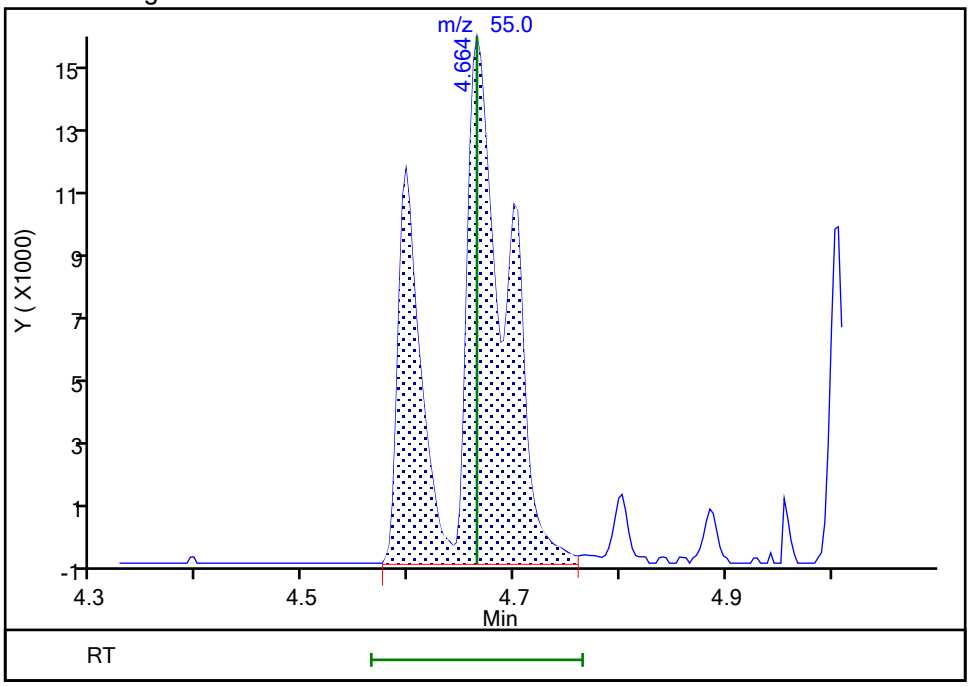
Processing Integration Results

RT: 4.60
Area: 16827
Amount: 20.000000
Amount Units: ug/ml




Manual Integration Results

RT: 4.66
Area: 56290
Amount: 24.595515
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:18:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Lims ID: STD120
Client ID:
Sample Type: IC Calib Level: 9
Inject. Date: 04-Feb-2025 06:20:30 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-003
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:22 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 06:38:18

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 94 | 245483 | 120.0 | 118.3 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.271 | 1.267 | 0.003 | 92 | 388803 | 120.0 | 122.9 | |
| | 3 Pyridine | 79 | 1.293 | 1.293 | 0.000 | 93 | 1225168 | 240.0 | 245.4 | |
| $ | 4 2-Fluorophenol | 112 | 2.072 | 2.065 | 0.007 | 95 | 655094 | 120.0 | 132.1 | |
| | 5 Benzaldehyde | 77 | 2.704 | 2.700 | 0.004 | 93 | 38795 | 32.0 | 8.75 | |
| $ | 6 Phenol-d5 | 99 | 2.790 | 2.776 | 0.014 | 93 | 821261 | 120.0 | 127.3 | |
| | 7 Phenol | 94 | 2.803 | 2.786 | 0.017 | 94 | 796911 | 120.0 | 115.6 | |
| | 8 Aniline | 93 | 2.796 | 2.789 | 0.007 | 79 | 817141 | 120.0 | 116.7 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.851 | 2.840 | 0.010 | 91 | 606309 | 120.0 | 117.9 | |
| | 11 2-Chlorophenol | 128 | 2.895 | 2.885 | 0.010 | 89 | 636544 | 120.0 | 118.3 | |
| | 12 n-Decane | 43 | 2.937 | 2.933 | 0.004 | 91 | 679486 | 120.0 | 115.5 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.010 | 3.006 | 0.004 | 95 | 698767 | 120.0 | 117.0 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.055 | 3.051 | 0.004 | 96 | 160610 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.071 | 3.067 | 0.004 | 94 | 693569 | 120.0 | 116.1 | |
| | 16 Benzyl alcohol | 108 | 3.199 | 3.182 | 0.017 | 67 | 405249 | 120.0 | 118.1 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.199 | 3.195 | 0.004 | 94 | 656256 | 120.0 | 114.4 | |
| | 18 2-Methylphenol | 108 | 3.298 | 3.287 | 0.011 | 71 | 535870 | 120.0 | 117.4 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.295 | 3.287 | 0.008 | 88 | 842709 | 120.0 | 114.0 | |
| | 20 N-Methylaniline | 106 | 3.403 | 3.396 | 0.007 | 97 | 967782 | 120.0 | 121.3 | a |
| | 21 Acetophenone | 105 | 3.423 | 3.409 | 0.014 | 73 | 856309 | 120.0 | 115.3 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.432 | 3.415 | 0.017 | 83 | 428533 | 120.0 | 124.2 | M |
| | 24 4-Methylphenol | 108 | 3.445 | 3.428 | 0.017 | 62 | 580058 | 120.0 | 116.7 | |
| | 23 3 & 4 Methylphenol | 108 | 3.445 | 3.428 | 0.017 | 60 | 580058 | 120.0 | 116.7 | |
| | 25 Hexachloroethane | 117 | 3.487 | 3.482 | 0.004 | 93 | 268053 | 120.0 | 118.8 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.550 | 3.537 | 0.013 | 87 | 735786 | 120.0 | 125.3 | |
| | 28 Nitrobenzene | 123 | 3.570 | 3.556 | 0.014 | 88 | 300950 | 120.0 | 119.9 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.570 | 3.559 | 0.011 | 85 | 937247 | 120.0 | 117.3 | |
| | 31 Isophorone | 82 | 3.806 | 3.776 | 0.030 | 97 | 1242212 | 120.0 | 124.9 | |
| | 32 2-Nitrophenol | 139 | 3.841 | 3.834 | 0.007 | 87 | 355423 | 120.0 | 122.9 | |
| | 33 2,4-Dimethylphenol | 122 | 3.908 | 3.898 | 0.010 | 91 | 470079 | 120.0 | 121.7 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.979 | 3.968 | 0.011 | 98 | 759705 | 120.0 | 119.7 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.107 | 4.051 | 0.056 | 64 | 396769 | 120.0 | 128.6 | |
| 36 2,4-Dichlorophenol | 162 | 4.068 | 4.057 | 0.011 | 96 | 524723 | 120.0 | 121.1 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.126 | 4.121 | 0.005 | 90 | 591035 | 120.0 | 116.8 | |
| * 38 Naphthalene-d8 | 136 | 4.171 | 4.166 | 0.005 | 99 | 611496 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.193 | 4.185 | 0.008 | 99 | 1761433 | 120.0 | 113.9 | |
| 40 4-Chloroaniline | 127 | 4.260 | 4.249 | 0.011 | 92 | 706542 | 120.0 | 117.1 | |
| 130 2,6-Dichlorophenol | 162 | 4.260 | 4.252 | 0.008 | 79 | 505607 | 120.0 | 118.8 | |
| 41 Hexachlorobutadiene | 225 | 4.311 | 4.307 | 0.004 | 97 | 358691 | 120.0 | 117.0 | |
| 42 Caprolactam | 55 | 4.778 | 4.664 | 0.114 | 90 | 76636 | 32.0 | 33.0 | Ma |
| 43 4-Chloro-3-methylphenol | 107 | 4.711 | 4.703 | 0.008 | 92 | 525491 | 120.0 | 123.1 | |
| 44 2-Methylnaphthalene | 142 | 4.807 | 4.802 | 0.005 | 84 | 1210675 | 120.0 | 117.3 | |
| 45 1-Methylnaphthalene | 142 | 4.893 | 4.885 | 0.008 | 90 | 1109051 | 120.0 | 118.4 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.951 | 4.946 | 0.005 | 88 | 254721 | 120.0 | 97.9 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.960 | 4.955 | 0.005 | 98 | 588984 | 120.0 | 116.5 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.015 | 5.006 | 0.009 | 90 | 755857 | 120.0 | 122.3 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.072 | 5.064 | 0.008 | 91 | 391438 | 120.0 | 124.3 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.108 | 5.099 | 0.009 | 97 | 419652 | 120.0 | 121.8 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.140 | 5.131 | 0.009 | 85 | 1402058 | 120.0 | 118.0 | |
| 52 1,1'-Biphenyl | 154 | 5.226 | 5.218 | 0.008 | 96 | 1422684 | 120.0 | 116.3 | |
| 53 2-Chloronaphthalene | 162 | 5.236 | 5.227 | 0.009 | 96 | 1084962 | 120.0 | 114.3 | |
| 54 Phenyl ether | 170 | 5.316 | 5.310 | 0.006 | 83 | 808173 | 120.0 | 117.1 | |
| 56 2-Nitroaniline | 65 | 5.348 | 5.336 | 0.012 | 76 | 344775 | 120.0 | 122.7 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.434 | 5.425 | 0.009 | 91 | 925441 | 120.0 | 119.2 | |
| 58 Dimethyl phthalate | 163 | 5.530 | 5.509 | 0.021 | 98 | 1275696 | 120.0 | 119.9 | M |
| 59 Coumarin | 146 | 5.530 | 5.515 | 0.015 | 70 | 407723 | 120.0 | 113.6 | |
| 60 2,6-Dinitrotoluene | 165 | 5.569 | 5.553 | 0.016 | 59 | 287499 | 120.0 | 123.3 | |
| 61 Acenaphthylene | 152 | 5.598 | 5.589 | 0.009 | 81 | 1639223 | 120.0 | 115.2 | |
| 64 3-Nitroaniline | 138 | 5.722 | 5.704 | 0.018 | 94 | 329128 | 120.0 | 124.4 | |
| * 65 Acenaphthene-d10 | 164 | 5.719 | 5.713 | 0.006 | 94 | 316437 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.751 | 5.745 | 0.006 | 89 | 995132 | 120.0 | 115.3 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.761 | 5.755 | 0.006 | 94 | 869289 | 120.0 | 123.7 | |
| 68 2,4-Dinitrophenol | 184 | 5.815 | 5.800 | 0.015 | 97 | 408361 | 240.0 | 254.1 | |
| 69 4-Nitrophenol | 65 | 5.908 | 5.889 | 0.019 | 58 | 473274 | 240.0 | 245.5 | |
| 71 Dibenzofuran | 168 | 5.905 | 5.899 | 0.006 | 85 | 1524610 | 120.0 | 114.3 | |
| 70 2,4-Dinitrotoluene | 165 | 5.927 | 5.912 | 0.015 | 90 | 394732 | 120.0 | 125.9 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.030 | 6.020 | 0.010 | 95 | 358632 | 120.0 | 125.9 | |
| 73 Diethyl phthalate | 149 | 6.142 | 6.126 | 0.016 | 98 | 1238231 | 120.0 | 117.3 | |
| 75 Fluorene | 166 | 6.206 | 6.200 | 0.006 | 83 | 1205946 | 120.0 | 114.9 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.209 | 6.203 | 0.006 | 78 | 592679 | 120.0 | 112.8 | |
| 76 4-Nitroaniline | 138 | 6.283 | 6.251 | 0.032 | 90 | 323610 | 120.0 | 127.9 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.299 | 6.276 | 0.023 | 89 | 524544 | 240.0 | 265.4 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.331 | 6.315 | 0.016 | 70 | 903801 | 120.0 | 117.7 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.357 | 6.344 | 0.013 | 91 | 1248395 | 120.0 | 115.7 | |
| 131 Azobenzene | 77 | 6.357 | 6.344 | 0.013 | 0 | 1248395 | 120.0 | 115.7 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.421 | 6.414 | 0.007 | 90 | 337078 | 120.0 | 131.6 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.635 | 6.631 | 0.004 | 93 | 416126 | 120.0 | 120.6 | |
| 83 Hexachlorobenzene | 284 | 6.696 | 6.689 | 0.007 | 94 | 530524 | 120.0 | 121.5 | |
| 84 Atrazine | 200 | 6.808 | 6.798 | 0.010 | 91 | 73639 | 32.0 | 25.3 | |
| 85 Pentachlorophenol | 266 | 6.878 | 6.871 | 0.007 | 90 | 656213 | 240.0 | 254.8 | |
| 86 Pentachloronitrobenzene | 237 | 6.885 | 6.878 | 0.007 | 57 | 179787 | 120.0 | 121.5 | |
| 87 n-Octadecane | 57 | 6.965 | 6.961 | 0.004 | 90 | 877663 | 120.0 | 118.7 | |
| * 88 Phenanthrene-d10 | 188 | 7.023 | 7.019 | 0.004 | 99 | 615607 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.048 | 7.041 | 0.007 | 98 | 1762506 | 120.0 | 115.0 | |
| 90 Anthracene | 178 | 7.093 | 7.086 | 0.007 | 97 | 1822043 | 120.0 | 115.2 | |
| 91 Carbazole | 167 | 7.244 | 7.236 | 0.008 | 82 | 1671945 | 120.0 | 117.7 | |
| 92 Di-n-butyl phthalate | 149 | 7.564 | 7.559 | 0.005 | 99 | 2143270 | 120.0 | 121.0 | |
| 93 Fluoranthene | 202 | 8.091 | 8.086 | 0.005 | 97 | 2062638 | 120.0 | 118.7 | |
| 94 Benzidine | 184 | 8.219 | 8.217 | 0.002 | 99 | 663059 | 120.0 | 108.7 | |
| 95 Pyrene | 202 | 8.290 | 8.284 | 0.006 | 96 | 2083646 | 120.0 | 119.0 | |
| 82 Bisphenol-A | 213 | 8.360 | 8.351 | 0.009 | 99 | 1008115 | 120.0 | 133.5 | |
| $ 96 Terphenyl-d14 | 244 | 8.440 | 8.435 | 0.005 | 97 | 1991902 | 120.0 | 126.2 | |
| 97 Butyl benzyl phthalate | 149 | 8.885 | 8.882 | 0.003 | 96 | 965232 | 120.0 | 126.6 | |
| 99 Carbamazepine | 193 | 8.990 | 8.978 | 0.012 | 91 | 925333 | 120.0 | 141.1 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.381 | 9.371 | 0.010 | 89 | 819486 | 120.0 | 120.9 | |
| 101 Benzo[a]anthracene | 228 | 9.390 | 9.384 | 0.006 | 99 | 2107371 | 120.0 | 121.1 | |
| * 102 Chrysene-d12 | 240 | 9.403 | 9.396 | 0.007 | 98 | 531106 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.432 | 9.422 | 0.010 | 95 | 2006744 | 120.0 | 119.0 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.448 | 9.445 | 0.003 | 85 | 1349693 | 120.0 | 122.4 | |
| 105 Di-n-octyl phthalate | 149 | 10.101 | 10.100 | 0.001 | 96 | 2411834 | 120.0 | 126.1 | |
| 106 Benzo[b]fluoranthene | 252 | 10.478 | 10.461 | 0.017 | 97 | 2462896 | 120.0 | 138.2 | |
| 107 Benzo[k]fluoranthene | 252 | 10.507 | 10.489 | 0.018 | 99 | 2103891 | 120.0 | 110.3 | |
| 108 Benzo[a]pyrene | 252 | 10.798 | 10.787 | 0.011 | 94 | 2090739 | 120.0 | 128.0 | |
| * 109 Perylene-d12 | 264 | 10.846 | 10.841 | 0.005 | 98 | 645405 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.994 | 11.959 | 0.035 | 90 | 2816961 | 120.0 | 130.0 | a |
| 111 Dibenz(a,h)anthracene | 278 | 12.007 | 11.979 | 0.028 | 88 | 2262726 | 120.0 | 126.2 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.292 | 12.270 | 0.022 | 94 | 2137983 | 120.0 | 131.1 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 234.2 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

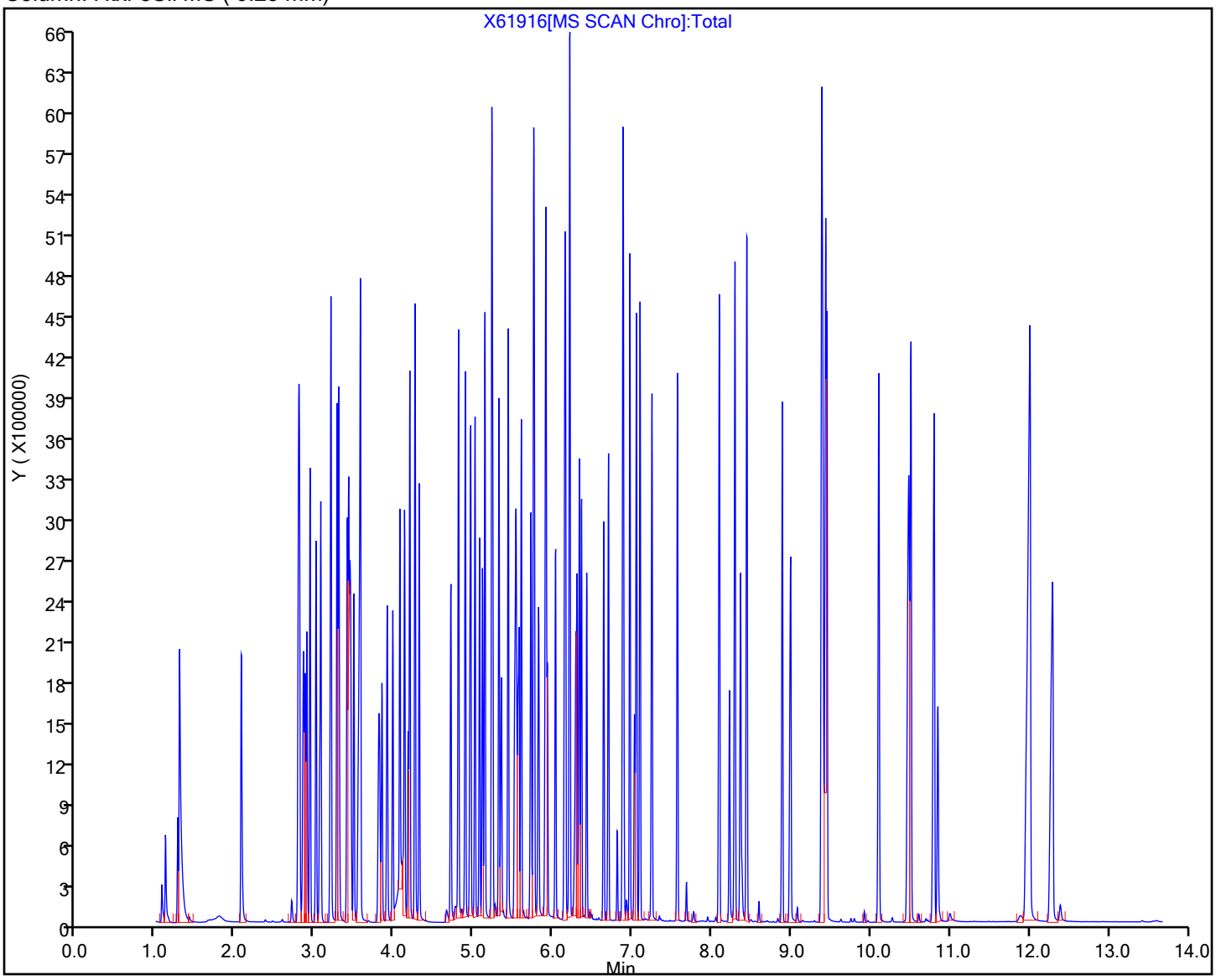
## Reagents:

SV_BNA_L9_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Injection Date: 04-Feb-2025 06:20:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

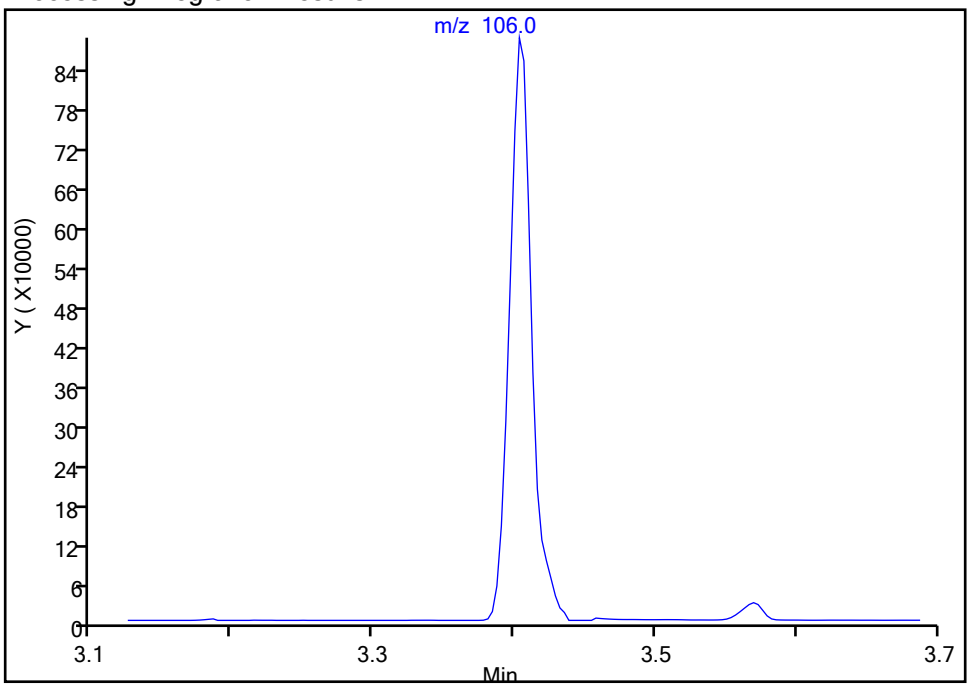
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Injection Date: 04-Feb-2025 06:20:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

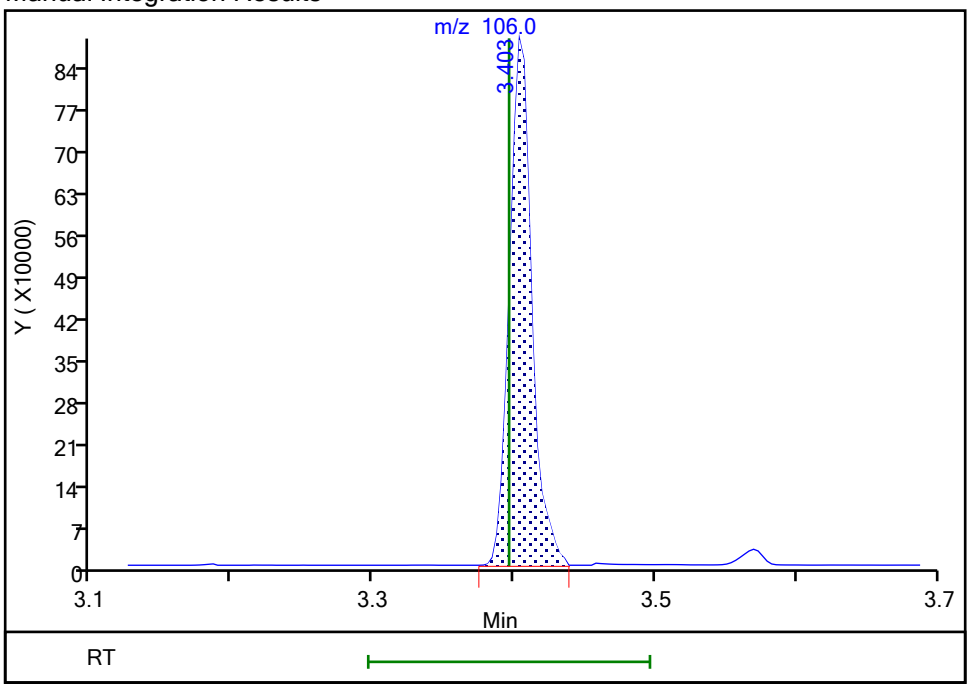
Not Detected
Expected RT: 3.40

Processing Integration Results




Manual Integration Results

RT: 3.40
Area: 967782
Amount: 121.3314
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:38:07 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

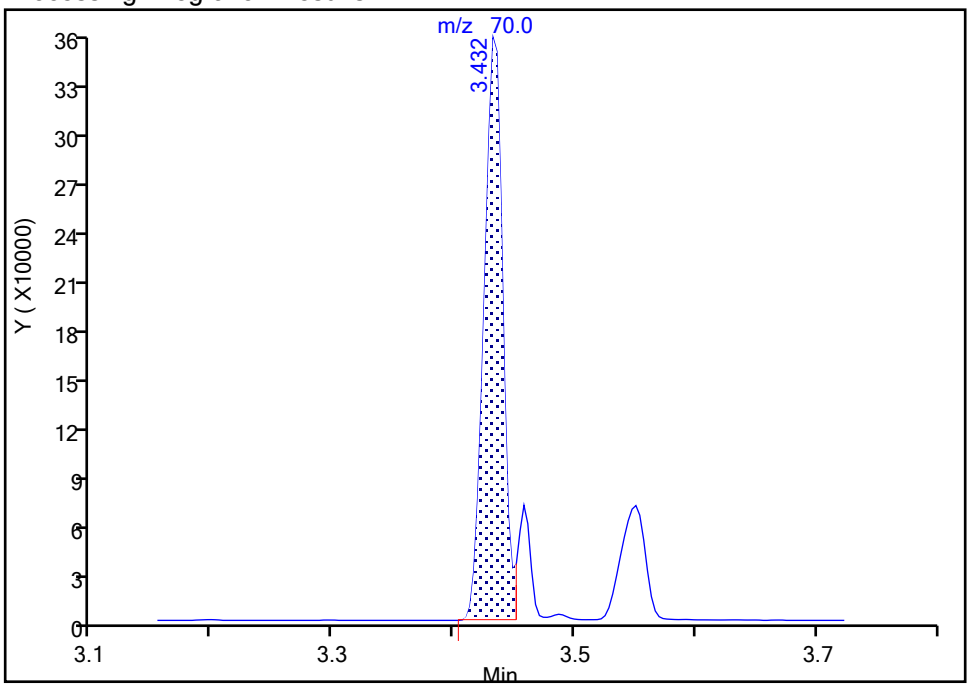
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Injection Date: 04-Feb-2025 06:20:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

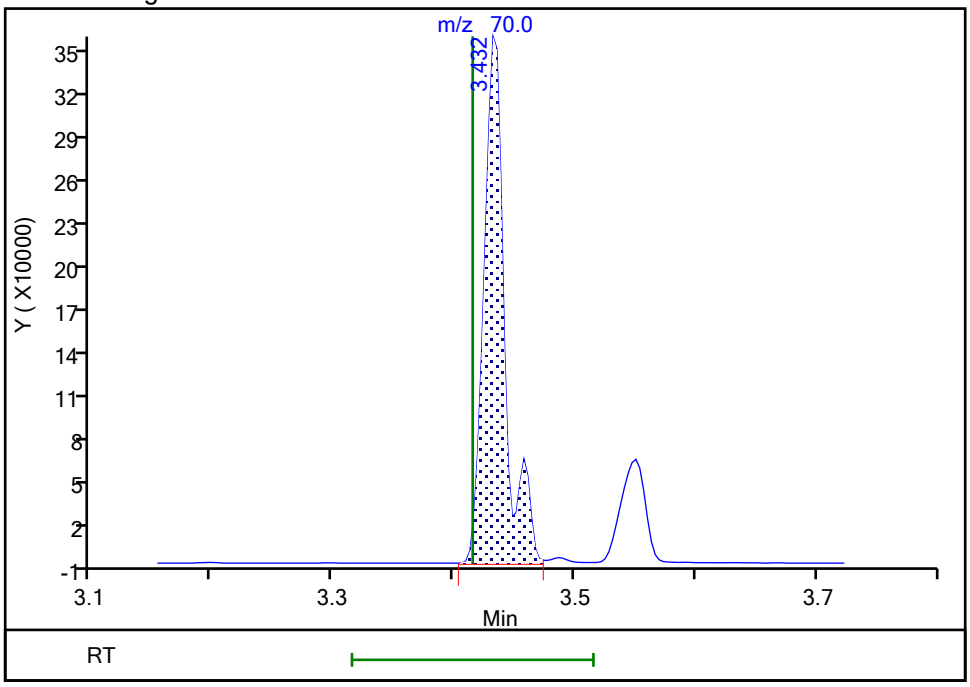
Processing Integration Results

RT: 3.43
Area: 384472
Amount: 111.3377
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 428533
Amount: 124.2109
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:38:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

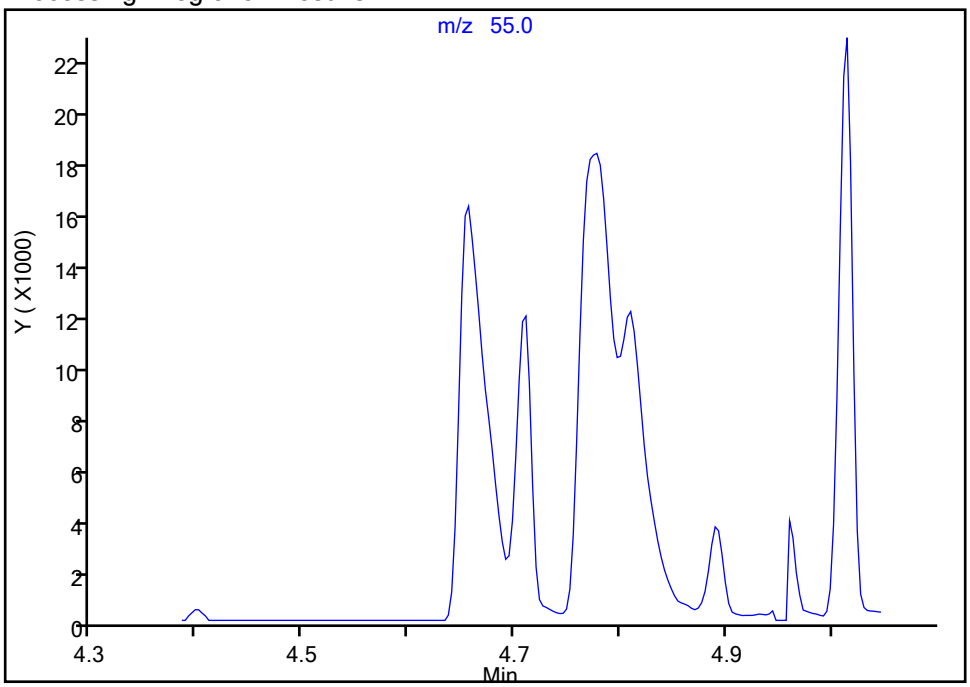
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Injection Date: 04-Feb-2025 06:20:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

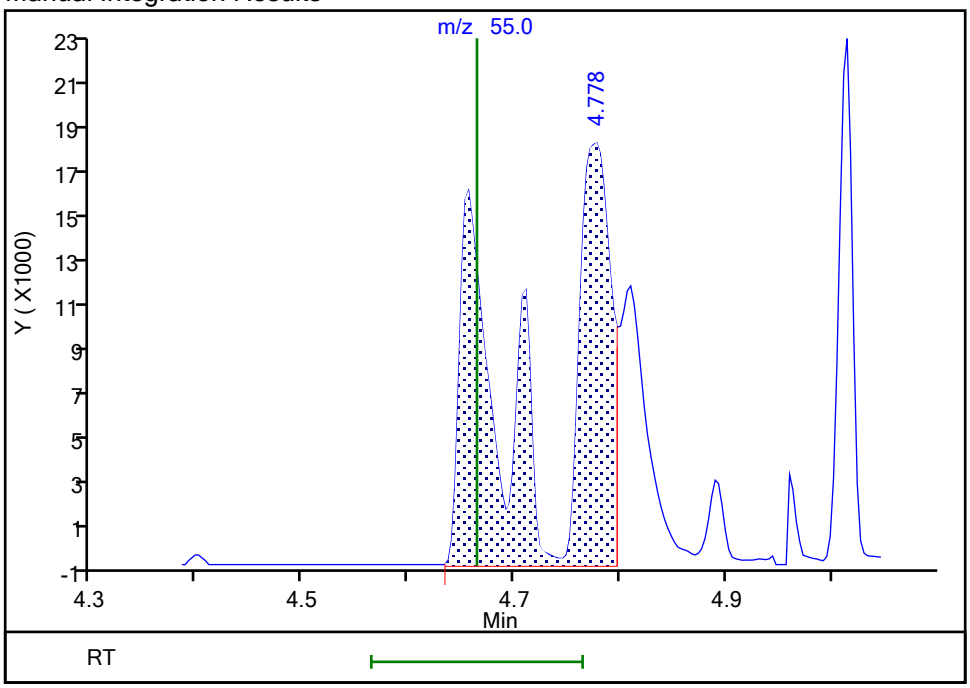
Not Detected
Expected RT: 4.66

Processing Integration Results




Manual Integration Results

RT: 4.78
Area: 76636
Amount: 32.991072
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:37:19 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

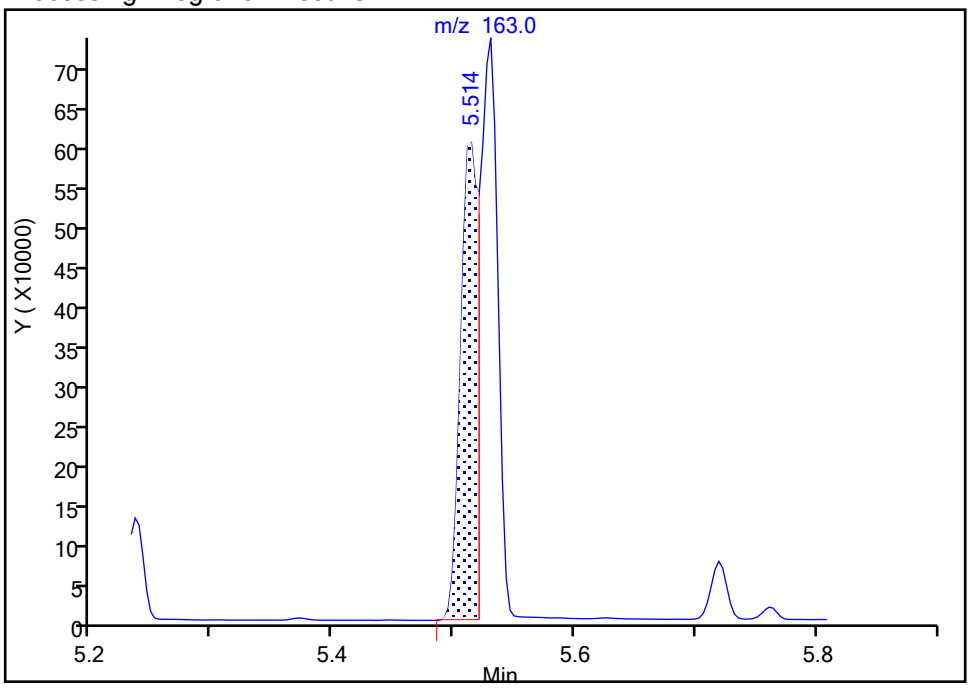
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d
Injection Date: 04-Feb-2025 06:20:30 Instrument ID: CBNAMS5
Lims ID: STD120
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 58 Dimethyl phthalate, CAS: 131-11-3

Signal: 1

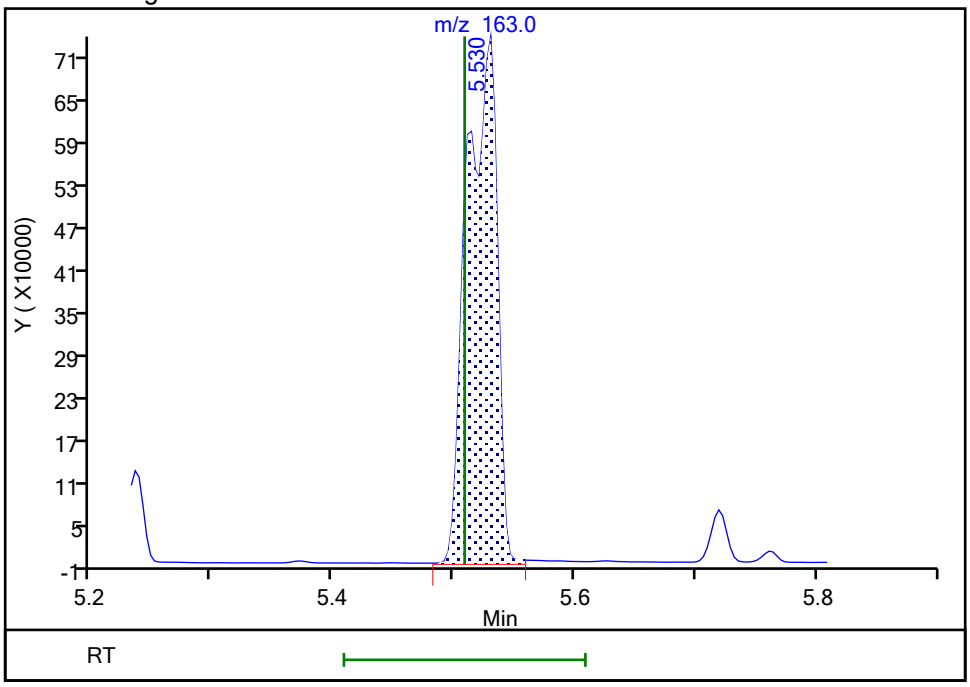
Processing Integration Results

RT: 5.51
Area: 634269
Amount: 120.0000
Amount Units: ug/ml




Manual Integration Results

RT: 5.53
Area: 1275696
Amount: 119.8714
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:36:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

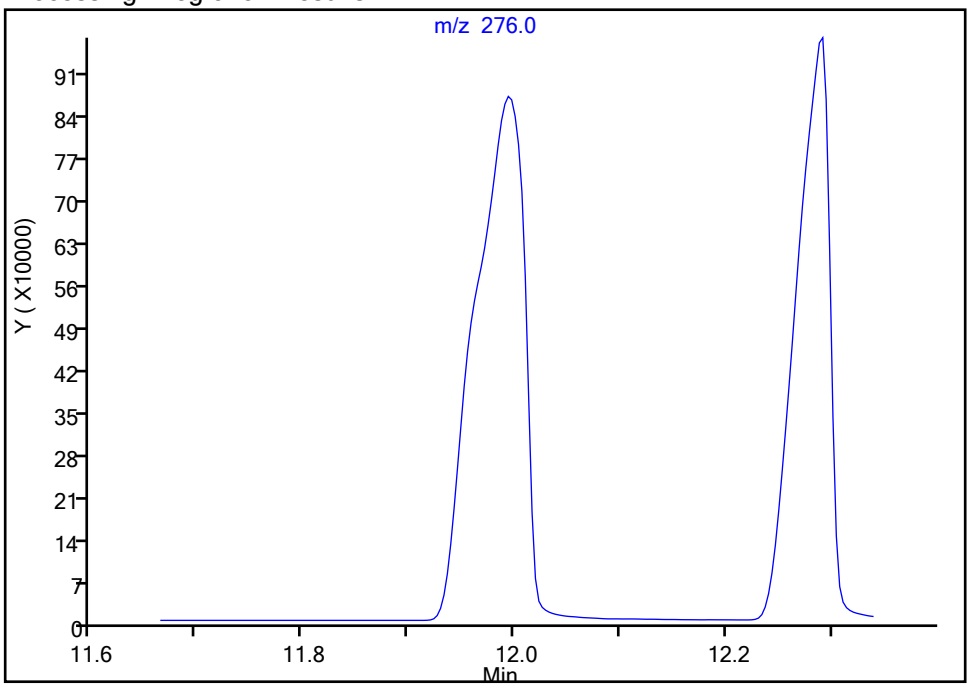
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61916.d | | | | |
| Injection Date: | 04-Feb-2025 06:20:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD120 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 3 | Worklist Smp#: | 3 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

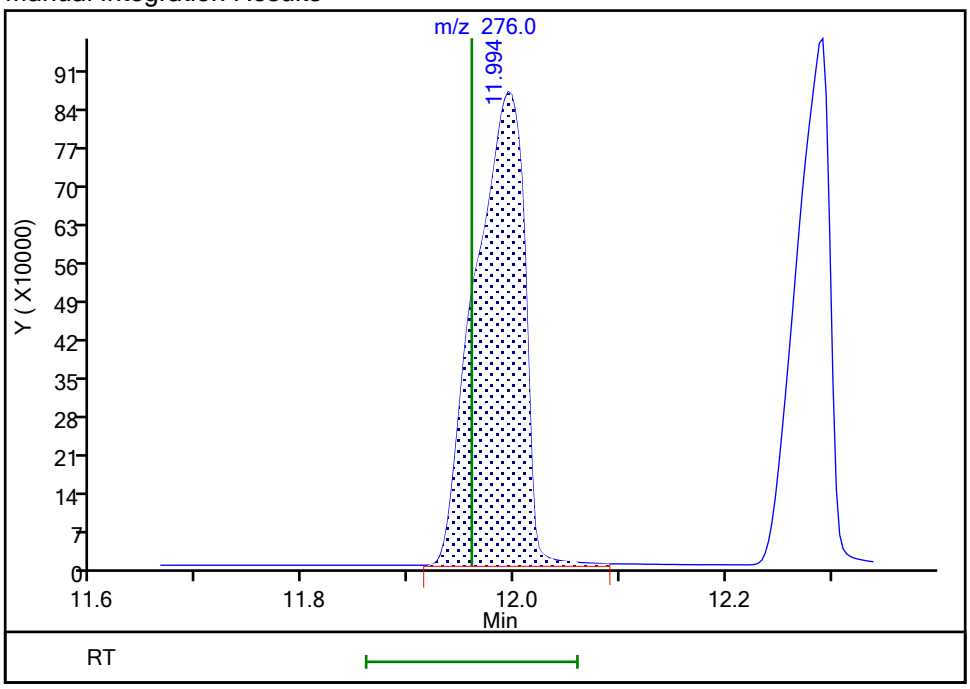
Not Detected
Expected RT: 11.96

Processing Integration Results




Manual Integration Results

RT: 11.99
Area: 2816961
Amount: 130.0393
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 06:36:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61917.d
Lims ID: STD80
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 04-Feb-2025 06:39:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-004
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:26 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 07:03:27

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 95 | 162587 | 80.0 | 75.9 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.267 | 1.267 | 0.000 | 91 | 258316 | 80.0 | 79.1 | |
| | 3 Pyridine | 79 | 1.290 | 1.293 | -0.003 | 93 | 820770 | 160.0 | 159.3 | |
| $ | 4 2-Fluorophenol | 112 | 2.068 | 2.065 | 0.003 | 95 | 458258 | 80.0 | 89.6 | |
| | 5 Benzaldehyde | 77 | 2.703 | 2.700 | 0.003 | 93 | 46468 | 24.0 | 10.2 | |
| $ | 6 Phenol-d5 | 99 | 2.783 | 2.776 | 0.007 | 94 | 580017 | 80.0 | 87.1 | |
| | 7 Phenol | 94 | 2.796 | 2.786 | 0.010 | 92 | 547160 | 80.0 | 76.9 | |
| | 8 Aniline | 93 | 2.793 | 2.789 | 0.004 | 74 | 576072 | 80.0 | 79.7 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.847 | 2.840 | 0.007 | 93 | 413913 | 80.0 | 78.0 | |
| | 11 2-Chlorophenol | 128 | 2.892 | 2.885 | 0.007 | 90 | 434940 | 80.0 | 78.4 | |
| | 12 n-Decane | 43 | 2.933 | 2.933 | 0.000 | 92 | 464586 | 80.0 | 76.6 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.010 | 3.006 | 0.004 | 95 | 472334 | 80.0 | 76.7 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.055 | 3.051 | 0.004 | 95 | 165690 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.068 | 3.067 | 0.001 | 94 | 470463 | 80.0 | 76.3 | |
| | 16 Benzyl alcohol | 108 | 3.192 | 3.182 | 0.010 | 89 | 281151 | 80.0 | 79.4 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.199 | 3.195 | 0.004 | 95 | 450379 | 80.0 | 76.1 | |
| | 18 2-Methylphenol | 108 | 3.295 | 3.287 | 0.008 | 78 | 365719 | 80.0 | 77.7 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.291 | 3.287 | 0.004 | 88 | 578438 | 80.0 | 75.9 | |
| | 20 N-Methylaniline | 106 | 3.400 | 3.396 | 0.004 | 97 | 657519 | 80.0 | 79.9 | a |
| | 21 Acetophenone | 105 | 3.416 | 3.409 | 0.007 | 80 | 591163 | 80.0 | 77.2 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.426 | 3.415 | 0.011 | 84 | 292802 | 80.0 | 82.3 | |
| | 24 4-Methylphenol | 108 | 3.438 | 3.428 | 0.010 | 58 | 394328 | 80.0 | 76.9 | |
| | 23 3 & 4 Methylphenol | 108 | 3.438 | 3.428 | 0.010 | 61 | 394328 | 80.0 | 76.9 | |
| | 25 Hexachloroethane | 117 | 3.486 | 3.482 | 0.004 | 92 | 180784 | 80.0 | 77.6 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.544 | 3.537 | 0.007 | 87 | 516175 | 80.0 | 84.9 | |
| | 28 Nitrobenzene | 123 | 3.563 | 3.556 | 0.007 | 87 | 209448 | 80.0 | 80.9 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.563 | 3.559 | 0.004 | 85 | 642055 | 80.0 | 77.9 | |
| | 31 Isophorone | 82 | 3.790 | 3.776 | 0.014 | 97 | 827589 | 80.0 | 80.3 | |
| | 32 2-Nitrophenol | 139 | 3.838 | 3.834 | 0.004 | 93 | 244021 | 80.0 | 81.5 | |
| | 33 2,4-Dimethylphenol | 122 | 3.902 | 3.898 | 0.004 | 90 | 315519 | 80.0 | 78.9 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.975 | 3.968 | 0.007 | 98 | 517866 | 80.0 | 78.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.081 | 4.051 | 0.030 | 64 | 268503 | 80.0 | 84.0 | |
| 36 2,4-Dichlorophenol | 162 | 4.061 | 4.057 | 0.004 | 96 | 360456 | 80.0 | 80.3 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.125 | 4.121 | 0.004 | 91 | 405738 | 80.0 | 77.4 | |
| * 38 Naphthalene-d8 | 136 | 4.170 | 4.166 | 0.004 | 99 | 633358 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.189 | 4.185 | 0.004 | 99 | 1210211 | 80.0 | 75.6 | |
| 40 4-Chloroaniline | 127 | 4.253 | 4.249 | 0.004 | 92 | 493844 | 80.0 | 79.0 | |
| 130 2,6-Dichlorophenol | 162 | 4.257 | 4.252 | 0.005 | 84 | 347055 | 80.0 | 78.7 | |
| 41 Hexachlorobutadiene | 225 | 4.311 | 4.307 | 0.004 | 97 | 245043 | 80.0 | 77.2 | |
| 42 Caprolactam | 55 | 4.710 | 4.664 | 0.046 | 34 | 71481 | 24.0 | 29.7 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.707 | 4.703 | 0.004 | 95 | 351234 | 80.0 | 79.4 | |
| 44 2-Methylnaphthalene | 142 | 4.803 | 4.802 | 0.001 | 82 | 834095 | 80.0 | 78.0 | |
| 45 1-Methylnaphthalene | 142 | 4.889 | 4.885 | 0.004 | 90 | 756579 | 80.0 | 78.0 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.950 | 4.946 | 0.004 | 88 | 205698 | 80.0 | 76.0 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.957 | 4.955 | 0.001 | 98 | 409033 | 80.0 | 77.8 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.011 | 5.006 | 0.005 | 90 | 507308 | 80.0 | 79.3 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.069 | 5.064 | 0.005 | 92 | 268922 | 80.0 | 82.1 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.104 | 5.099 | 0.005 | 97 | 284137 | 80.0 | 79.3 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.136 | 5.131 | 0.005 | 91 | 1005164 | 80.0 | 81.3 | |
| 52 1,1'-Biphenyl | 154 | 5.222 | 5.218 | 0.004 | 96 | 982599 | 80.0 | 77.2 | |
| 53 2-Chloronaphthalene | 162 | 5.232 | 5.227 | 0.005 | 96 | 757270 | 80.0 | 76.7 | |
| 54 Phenyl ether | 170 | 5.315 | 5.310 | 0.005 | 82 | 561264 | 80.0 | 78.2 | |
| 56 2-Nitroaniline | 65 | 5.341 | 5.336 | 0.005 | 76 | 230383 | 80.0 | 78.8 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.427 | 5.425 | 0.002 | 91 | 636587 | 80.0 | 78.9 | |
| 58 Dimethyl phthalate | 163 | 5.520 | 5.509 | 0.011 | 98 | 867078 | 80.0 | 78.4 | |
| 59 Coumarin | 146 | 5.523 | 5.515 | 0.008 | 77 | 299785 | 80.0 | 80.6 | |
| 60 2,6-Dinitrotoluene | 165 | 5.561 | 5.553 | 0.008 | 66 | 195651 | 80.0 | 80.7 | |
| 61 Acenaphthylene | 152 | 5.593 | 5.589 | 0.004 | 93 | 1138677 | 80.0 | 77.0 | |
| 64 3-Nitroaniline | 138 | 5.712 | 5.704 | 0.008 | 88 | 217901 | 80.0 | 79.2 | |
| * 65 Acenaphthene-d10 | 164 | 5.715 | 5.713 | 0.002 | 95 | 329050 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.747 | 5.745 | 0.002 | 95 | 685893 | 80.0 | 76.4 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.757 | 5.755 | 0.002 | 97 | 607611 | 80.0 | 83.2 | |
| 68 2,4-Dinitrophenol | 184 | 5.808 | 5.800 | 0.008 | 97 | 271241 | 160.0 | 163.1 | |
| 69 4-Nitrophenol | 65 | 5.898 | 5.889 | 0.009 | 63 | 322439 | 160.0 | 160.8 | |
| 71 Dibenzofuran | 168 | 5.901 | 5.899 | 0.002 | 86 | 1050350 | 80.0 | 75.7 | |
| 70 2,4-Dinitrotoluene | 165 | 5.917 | 5.912 | 0.005 | 77 | 266222 | 80.0 | 81.7 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.022 | 6.020 | 0.002 | 94 | 238668 | 80.0 | 80.6 | |
| 73 Diethyl phthalate | 149 | 6.134 | 6.126 | 0.008 | 98 | 879638 | 80.0 | 80.2 | |
| 75 Fluorene | 166 | 6.202 | 6.200 | 0.002 | 83 | 838327 | 80.0 | 76.8 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.205 | 6.203 | 0.002 | 78 | 421687 | 80.0 | 77.2 | |
| 76 4-Nitroaniline | 138 | 6.266 | 6.251 | 0.015 | 91 | 217977 | 80.0 | 82.9 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.288 | 6.276 | 0.012 | 83 | 354435 | 160.0 | 171.1 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.323 | 6.315 | 0.008 | 94 | 620535 | 80.0 | 77.1 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.349 | 6.344 | 0.005 | 95 | 856454 | 80.0 | 75.8 | |
| 131 Azobenzene | 77 | 6.349 | 6.344 | 0.005 | 0 | 856201 | 80.0 | 75.8 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.416 | 6.414 | 0.002 | 91 | 231516 | 80.0 | 86.9 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.634 | 6.631 | 0.003 | 94 | 282631 | 80.0 | 78.2 | |
| 83 Hexachlorobenzene | 284 | 6.691 | 6.689 | 0.002 | 94 | 357274 | 80.0 | 78.1 | |
| 84 Atrazine | 200 | 6.800 | 6.798 | 0.002 | 90 | 71884 | 24.0 | 23.6 | |
| 85 Pentachlorophenol | 266 | 6.874 | 6.871 | 0.003 | 89 | 454319 | 160.0 | 168.3 | |
| 86 Pentachloronitrobenzene | 237 | 6.880 | 6.878 | 0.002 | 61 | 120636 | 80.0 | 77.8 | |
| 87 n-Octadecane | 57 | 6.960 | 6.961 | -0.001 | 91 | 605296 | 80.0 | 78.1 | |
| * 88 Phenanthrene-d10 | 188 | 7.021 | 7.019 | 0.002 | 99 | 645022 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.044 | 7.041 | 0.003 | 98 | 1215612 | 80.0 | 75.7 | |
| 90 Anthracene | 178 | 7.088 | 7.086 | 0.002 | 97 | 1265595 | 80.0 | 76.4 | |
| 91 Carbazole | 167 | 7.239 | 7.236 | 0.003 | 82 | 1151688 | 80.0 | 77.4 | |
| 92 Di-n-butyl phthalate | 149 | 7.562 | 7.559 | 0.003 | 99 | 1469716 | 80.0 | 79.2 | |
| 93 Fluoranthene | 202 | 8.089 | 8.086 | 0.003 | 97 | 1393124 | 80.0 | 76.5 | |
| 94 Benzidine | 184 | 8.217 | 8.217 | 0.000 | 99 | 567155 | 80.0 | 88.7 | |
| 95 Pyrene | 202 | 8.284 | 8.284 | 0.000 | 96 | 1425074 | 80.0 | 77.5 | |
| 82 Bisphenol-A | 213 | 8.355 | 8.351 | 0.004 | 99 | 673387 | 80.0 | 84.9 | |
| $ 96 Terphenyl-d14 | 244 | 8.435 | 8.435 | 0.000 | 97 | 1414186 | 80.0 | 85.3 | |
| 97 Butyl benzyl phthalate | 149 | 8.882 | 8.882 | 0.000 | 96 | 666828 | 80.0 | 83.3 | |
| 99 Carbamazepine | 193 | 8.985 | 8.978 | 0.007 | 91 | 624415 | 80.0 | 90.7 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.375 | 9.371 | 0.004 | 98 | 623644 | 80.0 | 87.6 | |
| 101 Benzo[a]anthracene | 228 | 9.384 | 9.384 | 0.000 | 99 | 1439123 | 80.0 | 78.8 | |
| * 102 Chrysene-d12 | 240 | 9.397 | 9.396 | 0.001 | 98 | 557709 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.426 | 9.422 | 0.004 | 95 | 1362699 | 80.0 | 76.9 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.445 | 9.445 | 0.000 | 85 | 929809 | 80.0 | 80.3 | |
| 105 Di-n-octyl phthalate | 149 | 10.097 | 10.100 | -0.003 | 96 | 1650747 | 80.0 | 82.7 | |
| 106 Benzo[b]fluoranthene | 252 | 10.465 | 10.461 | 0.004 | 95 | 1514849 | 80.0 | 81.4 | |
| 107 Benzo[k]fluoranthene | 252 | 10.497 | 10.489 | 0.008 | 95 | 1574089 | 80.0 | 79.1 | |
| 108 Benzo[a]pyrene | 252 | 10.791 | 10.787 | 0.004 | 96 | 1419942 | 80.0 | 83.2 | |
| * 109 Perylene-d12 | 264 | 10.842 | 10.841 | 0.001 | 98 | 673962 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.974 | 11.959 | 0.015 | 96 | 1901611 | 80.0 | 84.1 | a |
| 111 Dibenz(a,h)anthracene | 278 | 11.993 | 11.979 | 0.014 | 93 | 1551610 | 80.0 | 82.9 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.278 | 12.270 | 0.008 | 96 | 1441621 | 80.0 | 84.7 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 154.6 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

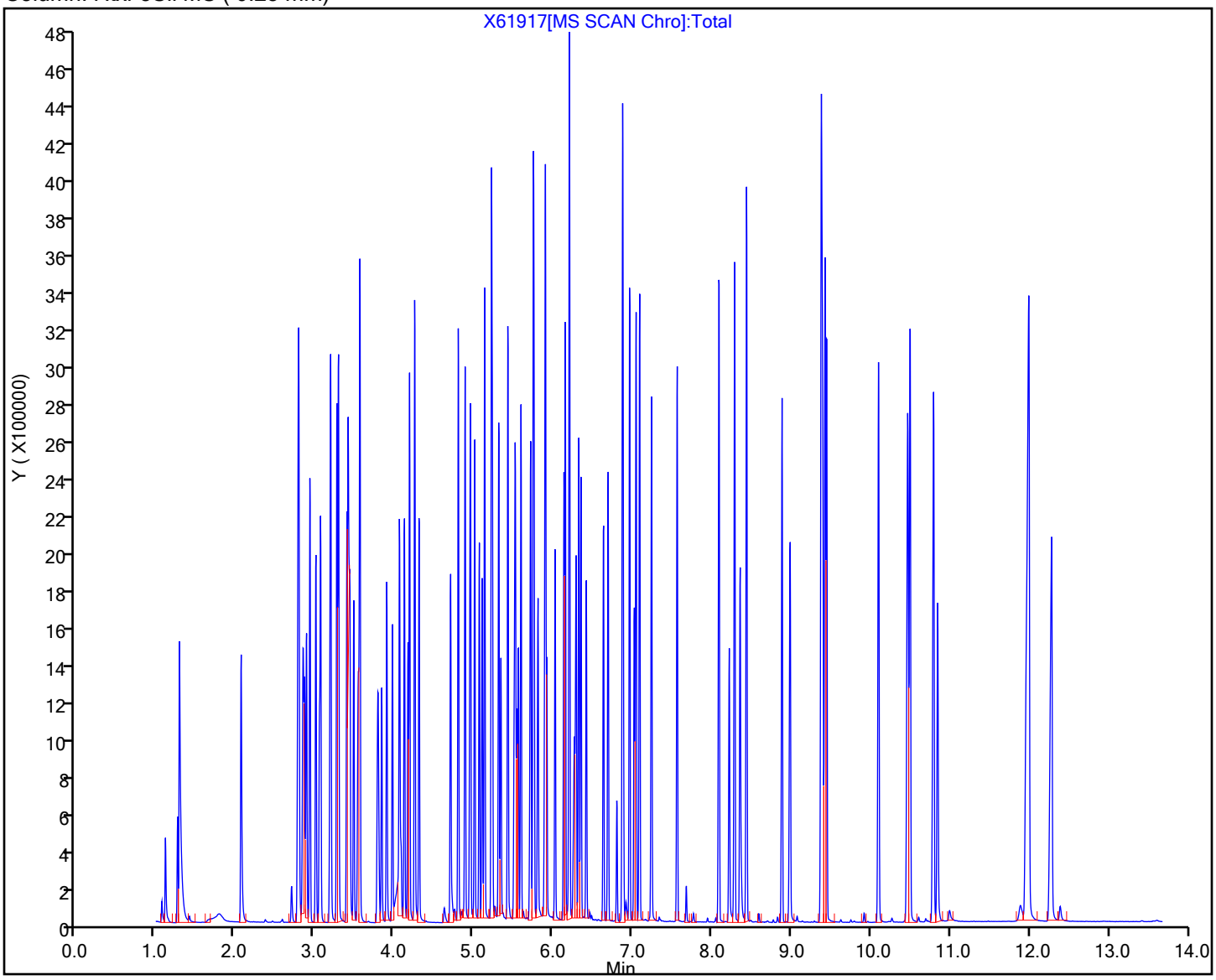
## Reagents:

SV_BNA_L8_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61917.d
Injection Date: 04-Feb-2025 06:39:30 Instrument ID: CBNAMS5
Lims ID: STD80
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

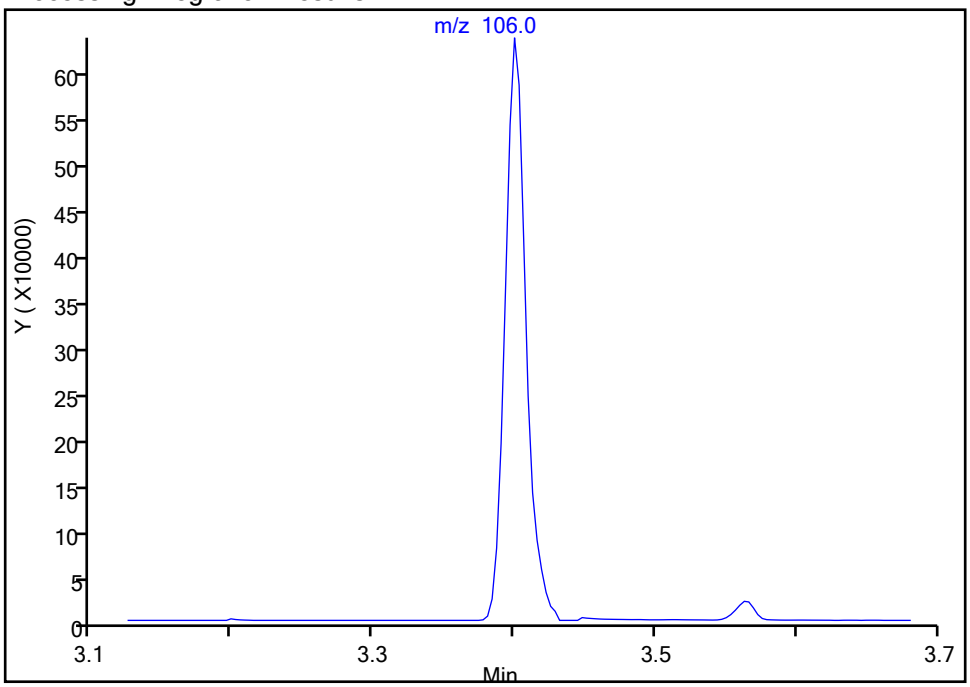
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61917.d | | | | |
| Injection Date: | 04-Feb-2025 06:39:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD80 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

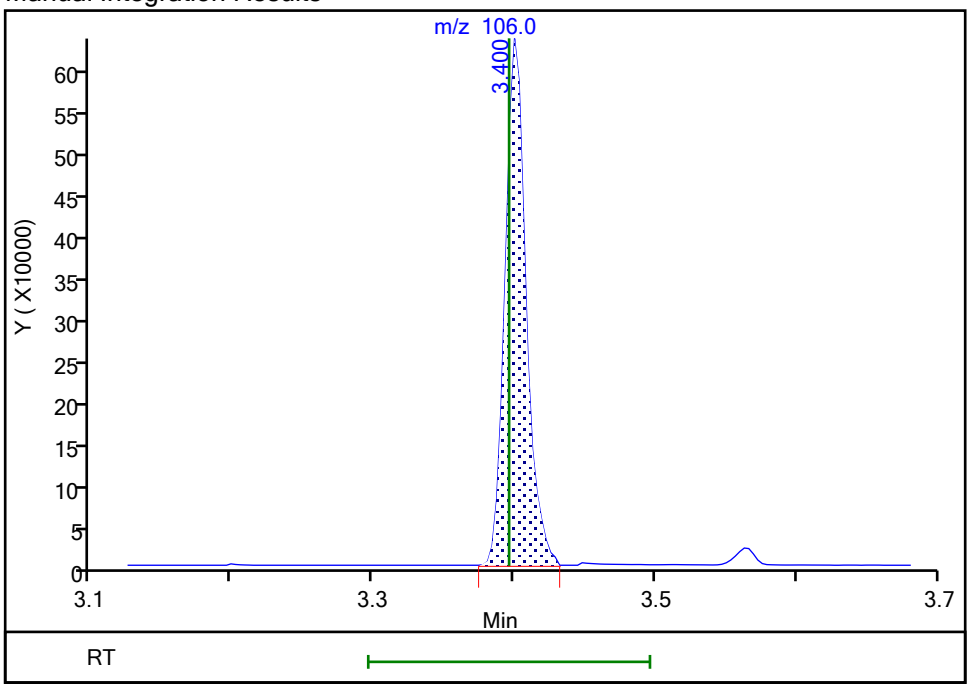
Not Detected
Expected RT: 3.40

Processing Integration Results




Manual Integration Results

RT: 3.40
Area: 657519
Amount: 79.906162
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:03:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

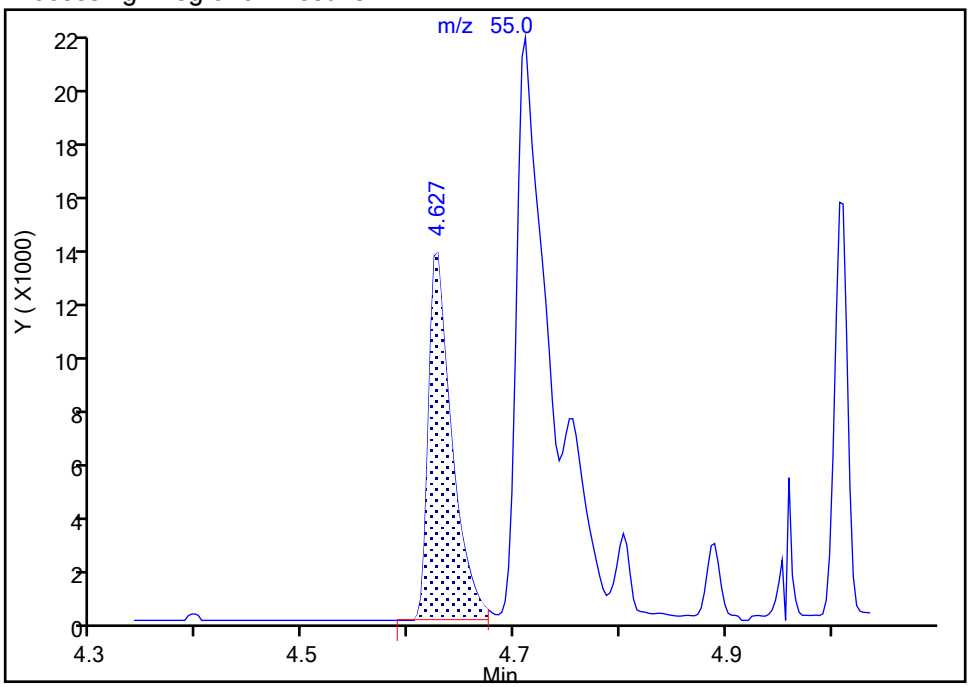
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61917.d | | | | |
| Injection Date: | 04-Feb-2025 06:39:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD80 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

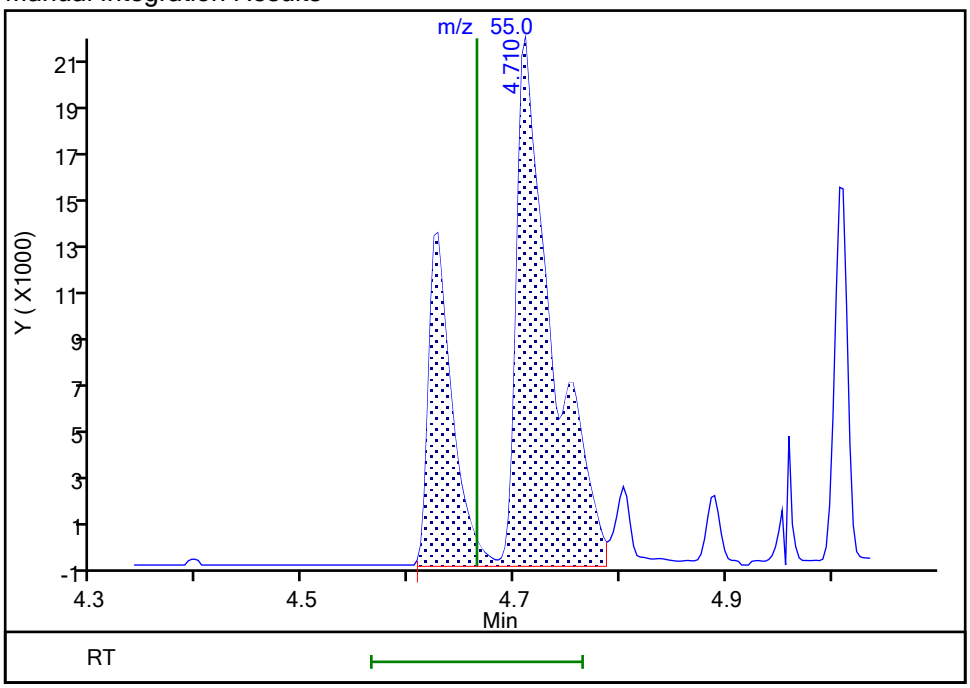
Processing Integration Results

RT: 4.63
Area: 20959
Amount: 9.960550
Amount Units: ug/ml




Manual Integration Results

RT: 4.71
Area: 71481
Amount: 29.709722
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:03:07 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

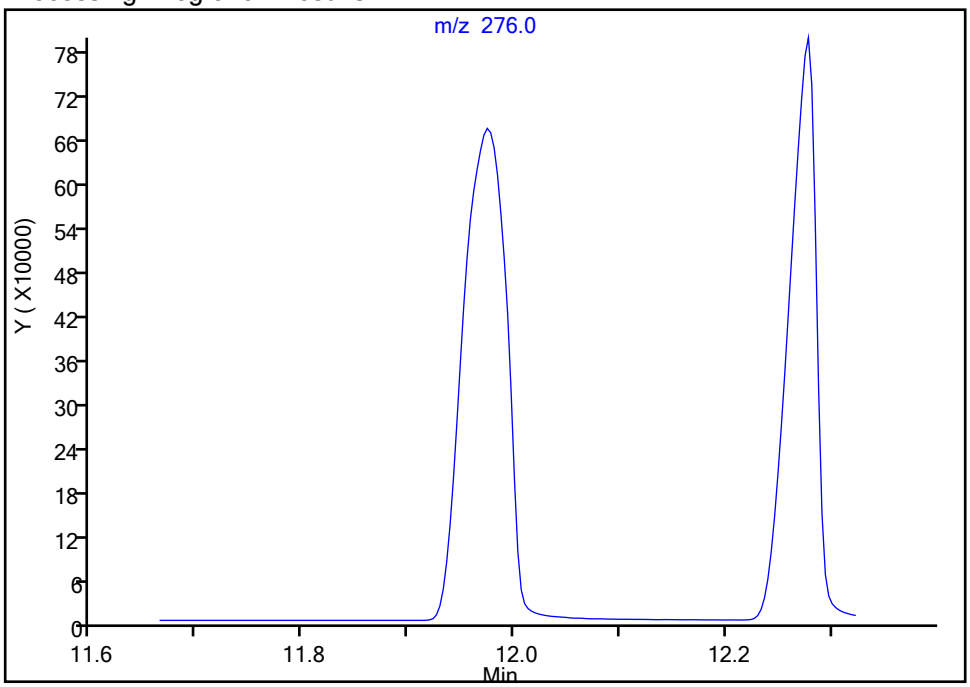
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61917.d | | | | |
| Injection Date: | 04-Feb-2025 06:39:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD80 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 110 Indeno[1,2,3-cd]pyrene, CAS: 193-39-5

Signal: 1

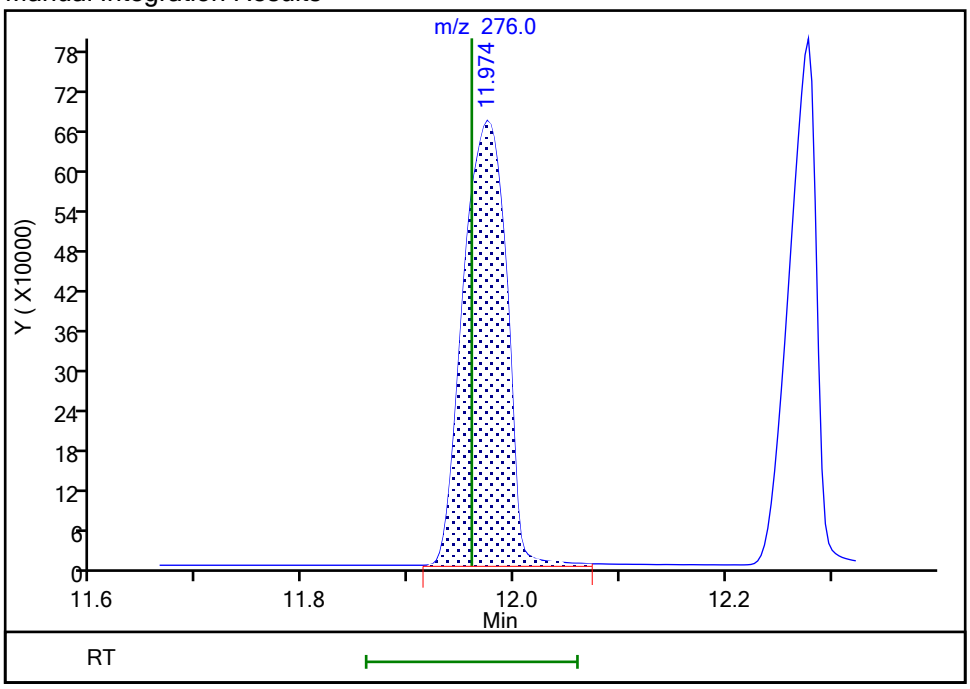
Not Detected
Expected RT: 11.96

Processing Integration Results




Manual Integration Results

RT: 11.97
Area: 1901611
Amount: 84.064424
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:02:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d
Lims ID: STD20
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 04-Feb-2025 06:58:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-005
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:30 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 07:17:48

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 95 | 42132 | 20.0 | 20.0 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.264 | 1.267 | -0.003 | 90 | 63892 | 20.0 | 19.9 | |
| | 3 Pyridine | 79 | 1.293 | 1.293 | 0.000 | 93 | 208292 | 40.0 | 41.1 | |
| $ | 4 2-Fluorophenol | 112 | 2.065 | 2.065 | 0.000 | 94 | 104909 | 20.0 | 20.8 | |
| | 5 Benzaldehyde | 77 | 2.700 | 2.700 | 0.000 | 93 | 62679 | 16.0 | 13.9 | |
| $ | 6 Phenol-d5 | 99 | 2.770 | 2.776 | -0.006 | 98 | 136943 | 20.0 | 20.9 | |
| | 7 Phenol | 94 | 2.780 | 2.786 | -0.006 | 94 | 146226 | 20.0 | 20.9 | |
| | 8 Aniline | 93 | 2.786 | 2.789 | -0.003 | 86 | 156779 | 20.0 | 22.0 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.834 | 2.840 | -0.006 | 93 | 105797 | 20.0 | 20.2 | |
| | 11 2-Chlorophenol | 128 | 2.882 | 2.885 | -0.003 | 93 | 111467 | 20.0 | 20.4 | |
| | 12 n-Decane | 43 | 2.930 | 2.933 | -0.003 | 92 | 123091 | 20.0 | 20.6 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.003 | 3.006 | -0.003 | 95 | 122597 | 20.0 | 20.2 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 96 | 163200 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.064 | 3.067 | -0.003 | 93 | 123864 | 20.0 | 20.4 | |
| | 16 Benzyl alcohol | 108 | 3.179 | 3.182 | -0.003 | 92 | 70205 | 20.0 | 20.1 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.195 | 3.195 | 0.000 | 95 | 119983 | 20.0 | 20.6 | |
| | 18 2-Methylphenol | 108 | 3.284 | 3.287 | -0.003 | 83 | 94844 | 20.0 | 20.5 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.288 | 3.287 | 0.001 | 87 | 153600 | 20.0 | 20.5 | |
| | 20 N-Methylaniline | 106 | 3.393 | 3.396 | -0.003 | 93 | 164041 | 20.0 | 20.2 | a |
| | 21 Acetophenone | 105 | 3.403 | 3.409 | -0.006 | 92 | 156275 | 20.0 | 20.7 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.409 | 3.415 | -0.006 | 85 | 74467 | 20.0 | 21.2 | |
| | 24 4-Methylphenol | 108 | 3.425 | 3.428 | -0.003 | 34 | 104364 | 20.0 | 20.7 | a |
| | 23 3 & 4 Methylphenol | 108 | 3.425 | 3.428 | -0.003 | 38 | 104364 | 20.0 | 20.7 | a |
| | 25 Hexachloroethane | 117 | 3.482 | 3.482 | 0.000 | 92 | 47055 | 20.0 | 20.5 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.530 | 3.537 | -0.007 | 87 | 119906 | 20.0 | 20.2 | |
| | 28 Nitrobenzene | 123 | 3.550 | 3.556 | -0.006 | 91 | 55418 | 20.0 | 21.7 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.553 | 3.559 | -0.006 | 83 | 167416 | 20.0 | 20.6 | |
| | 31 Isophorone | 82 | 3.767 | 3.776 | -0.009 | 97 | 203735 | 20.0 | 20.3 | |
| | 32 2-Nitrophenol | 139 | 3.834 | 3.834 | 0.000 | 93 | 59497 | 20.0 | 20.3 | |
| | 33 2,4-Dimethylphenol | 122 | 3.894 | 3.898 | -0.004 | 91 | 80138 | 20.0 | 20.5 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.965 | 3.968 | -0.003 | 98 | 131084 | 20.0 | 20.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.019 | 4.051 | -0.032 | 67 | 62083 | 20.0 | 19.9 | |
| 36 2,4-Dichlorophenol | 162 | 4.057 | 4.057 | 0.000 | 96 | 91820 | 20.0 | 21.0 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.121 | 4.121 | 0.000 | 93 | 105145 | 20.0 | 20.5 | |
| * 38 Naphthalene-d8 | 136 | 4.166 | 4.166 | 0.000 | 99 | 618431 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.182 | 4.185 | -0.003 | 91 | 324485 | 20.0 | 20.7 | |
| 40 4-Chloroaniline | 127 | 4.249 | 4.249 | 0.000 | 90 | 127183 | 20.0 | 20.8 | |
| 130 2,6-Dichlorophenol | 162 | 4.249 | 4.252 | -0.003 | 89 | 88474 | 20.0 | 20.6 | |
| 41 Hexachlorobutadiene | 225 | 4.307 | 4.307 | 0.000 | 96 | 62008 | 20.0 | 20.0 | |
| 42 Caprolactam | 55 | 4.565 | 4.664 | -0.099 | 90 | 36597 | 16.0 | 15.6 | |
| 43 4-Chloro-3-methylphenol | 107 | 4.702 | 4.703 | -0.001 | 91 | 87190 | 20.0 | 20.2 | |
| 44 2-Methylnaphthalene | 142 | 4.798 | 4.802 | -0.004 | 83 | 212336 | 20.0 | 20.3 | |
| 45 1-Methylnaphthalene | 142 | 4.885 | 4.885 | 0.000 | 91 | 196014 | 20.0 | 20.7 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.945 | 4.946 | -0.001 | 85 | 59501 | 20.0 | 22.7 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.952 | 4.955 | -0.003 | 98 | 107307 | 20.0 | 21.1 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.003 | 5.006 | -0.003 | 89 | 126221 | 20.0 | 20.2 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.064 | 5.064 | 0.000 | 92 | 66819 | 20.0 | 21.1 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.102 | 5.099 | 0.003 | 96 | 70368 | 20.0 | 20.3 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.131 | 5.131 | 0.000 | 93 | 245282 | 20.0 | 20.5 | |
| 52 1,1'-Biphenyl | 154 | 5.214 | 5.218 | -0.004 | 96 | 254204 | 20.0 | 20.7 | |
| 53 2-Chloronaphthalene | 162 | 5.227 | 5.227 | 0.000 | 97 | 198169 | 20.0 | 20.7 | |
| 54 Phenyl ether | 170 | 5.307 | 5.310 | -0.003 | 84 | 142875 | 20.0 | 20.6 | |
| 56 2-Nitroaniline | 65 | 5.332 | 5.336 | -0.004 | 77 | 57966 | 20.0 | 20.5 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.422 | 5.425 | -0.003 | 90 | 159103 | 20.0 | 20.4 | |
| 58 Dimethyl phthalate | 163 | 5.501 | 5.509 | -0.008 | 99 | 220419 | 20.0 | 20.6 | |
| 59 Coumarin | 146 | 5.508 | 5.515 | -0.007 | 80 | 73846 | 20.0 | 20.3 | |
| 60 2,6-Dinitrotoluene | 165 | 5.546 | 5.553 | -0.007 | 63 | 49516 | 20.0 | 21.1 | |
| 61 Acenaphthylene | 152 | 5.585 | 5.589 | -0.004 | 96 | 299926 | 20.0 | 21.0 | |
| 64 3-Nitroaniline | 138 | 5.696 | 5.704 | -0.008 | 95 | 53229 | 20.0 | 20.0 | |
| * 65 Acenaphthene-d10 | 164 | 5.712 | 5.713 | -0.001 | 96 | 318300 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.741 | 5.745 | -0.004 | 90 | 180179 | 20.0 | 20.8 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.751 | 5.755 | -0.004 | 97 | 152949 | 20.0 | 21.6 | |
| 68 2,4-Dinitrophenol | 184 | 5.796 | 5.800 | -0.004 | 96 | 62015 | 40.0 | 40.3 | |
| 69 4-Nitrophenol | 65 | 5.879 | 5.889 | -0.010 | 92 | 81489 | 40.0 | 42.0 | a |
| 71 Dibenzofuran | 168 | 5.895 | 5.899 | -0.004 | 92 | 281845 | 20.0 | 21.0 | |
| 70 2,4-Dinitrotoluene | 165 | 5.904 | 5.912 | -0.008 | 62 | 66949 | 20.0 | 21.2 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.016 | 6.020 | -0.004 | 93 | 56985 | 20.0 | 19.9 | |
| 73 Diethyl phthalate | 149 | 6.118 | 6.126 | -0.008 | 97 | 215419 | 20.0 | 20.3 | |
| 75 Fluorene | 166 | 6.192 | 6.200 | -0.008 | 82 | 216724 | 20.0 | 20.5 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.198 | 6.203 | -0.005 | 81 | 108652 | 20.0 | 20.6 | |
| 76 4-Nitroaniline | 138 | 6.237 | 6.251 | -0.014 | 89 | 51716 | 20.0 | 20.3 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.266 | 6.276 | -0.010 | 81 | 83566 | 40.0 | 42.1 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.307 | 6.315 | -0.008 | 96 | 155848 | 20.0 | 20.2 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.339 | 6.344 | -0.005 | 98 | 223494 | 20.0 | 20.6 | |
| 131 Azobenzene | 77 | 6.339 | 6.344 | -0.005 | 0 | 223494 | 20.0 | 20.6 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.406 | 6.414 | -0.008 | 90 | 53193 | 20.0 | 20.6 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.623 | 6.631 | -0.008 | 93 | 70084 | 20.0 | 20.2 | |
| 83 Hexachlorobenzene | 284 | 6.684 | 6.689 | -0.005 | 94 | 88578 | 20.0 | 20.2 | |
| 84 Atrazine | 200 | 6.793 | 6.798 | -0.005 | 90 | 50696 | 16.0 | 17.4 | |
| 85 Pentachlorophenol | 266 | 6.866 | 6.871 | -0.005 | 92 | 109931 | 40.0 | 42.5 | |
| 86 Pentachloronitrobenzene | 237 | 6.873 | 6.878 | -0.005 | 75 | 30218 | 20.0 | 20.3 | |
| 87 n-Octadecane | 57 | 6.956 | 6.961 | -0.005 | 91 | 152028 | 20.0 | 20.5 | |
| * 88 Phenanthrene-d10 | 188 | 7.013 | 7.019 | -0.006 | 99 | 617722 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.033 | 7.041 | -0.008 | 98 | 315844 | 20.0 | 20.5 | |
| 90 Anthracene | 178 | 7.077 | 7.086 | -0.009 | 97 | 326216 | 20.0 | 20.6 | |
| 91 Carbazole | 167 | 7.231 | 7.236 | -0.005 | 82 | 291987 | 20.0 | 20.5 | |
| 92 Di-n-butyl phthalate | 149 | 7.553 | 7.559 | -0.006 | 100 | 368763 | 20.0 | 20.8 | |
| 93 Fluoranthene | 202 | 8.077 | 8.086 | -0.009 | 97 | 359556 | 20.0 | 20.6 | |
| 94 Benzidine | 184 | 8.211 | 8.217 | -0.006 | 99 | 116731 | 20.0 | 19.1 | |
| 95 Pyrene | 202 | 8.275 | 8.284 | -0.009 | 96 | 373794 | 20.0 | 20.6 | |
| 82 Bisphenol-A | 213 | 8.342 | 8.351 | -0.009 | 98 | 154287 | 20.0 | 19.7 | |
| $ 96 Terphenyl-d14 | 244 | 8.425 | 8.435 | -0.010 | 97 | 336223 | 20.0 | 20.6 | |
| 97 Butyl benzyl phthalate | 149 | 8.872 | 8.882 | -0.010 | 96 | 158053 | 20.0 | 20.0 | |
| 99 Carbamazepine | 193 | 8.965 | 8.978 | -0.013 | 91 | 134609 | 20.0 | 19.8 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.361 | 9.371 | -0.010 | 98 | 144376 | 20.0 | 20.6 | |
| 101 Benzo[a]anthracene | 228 | 9.374 | 9.384 | -0.010 | 99 | 373943 | 20.0 | 20.8 | |
| * 102 Chrysene-d12 | 240 | 9.386 | 9.396 | -0.010 | 98 | 549668 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.409 | 9.422 | -0.013 | 95 | 355805 | 20.0 | 20.4 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.434 | 9.445 | -0.011 | 71 | 233447 | 20.0 | 20.4 | |
| 105 Di-n-octyl phthalate | 149 | 10.083 | 10.100 | -0.017 | 93 | 387527 | 20.0 | 20.5 | |
| 106 Benzo[b]fluoranthene | 252 | 10.447 | 10.461 | -0.014 | 95 | 369284 | 20.0 | 20.9 | |
| 107 Benzo[k]fluoranthene | 252 | 10.475 | 10.489 | -0.014 | 96 | 404953 | 20.0 | 21.4 | |
| 108 Benzo[a]pyrene | 252 | 10.773 | 10.787 | -0.014 | 96 | 346686 | 20.0 | 21.4 | |
| * 109 Perylene-d12 | 264 | 10.833 | 10.841 | -0.008 | 99 | 639405 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.942 | 11.959 | -0.017 | 98 | 467024 | 20.0 | 21.8 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.961 | 11.979 | -0.018 | 94 | 384666 | 20.0 | 21.7 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.249 | 12.270 | -0.021 | 91 | 347315 | 20.0 | 21.5 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 41.1 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

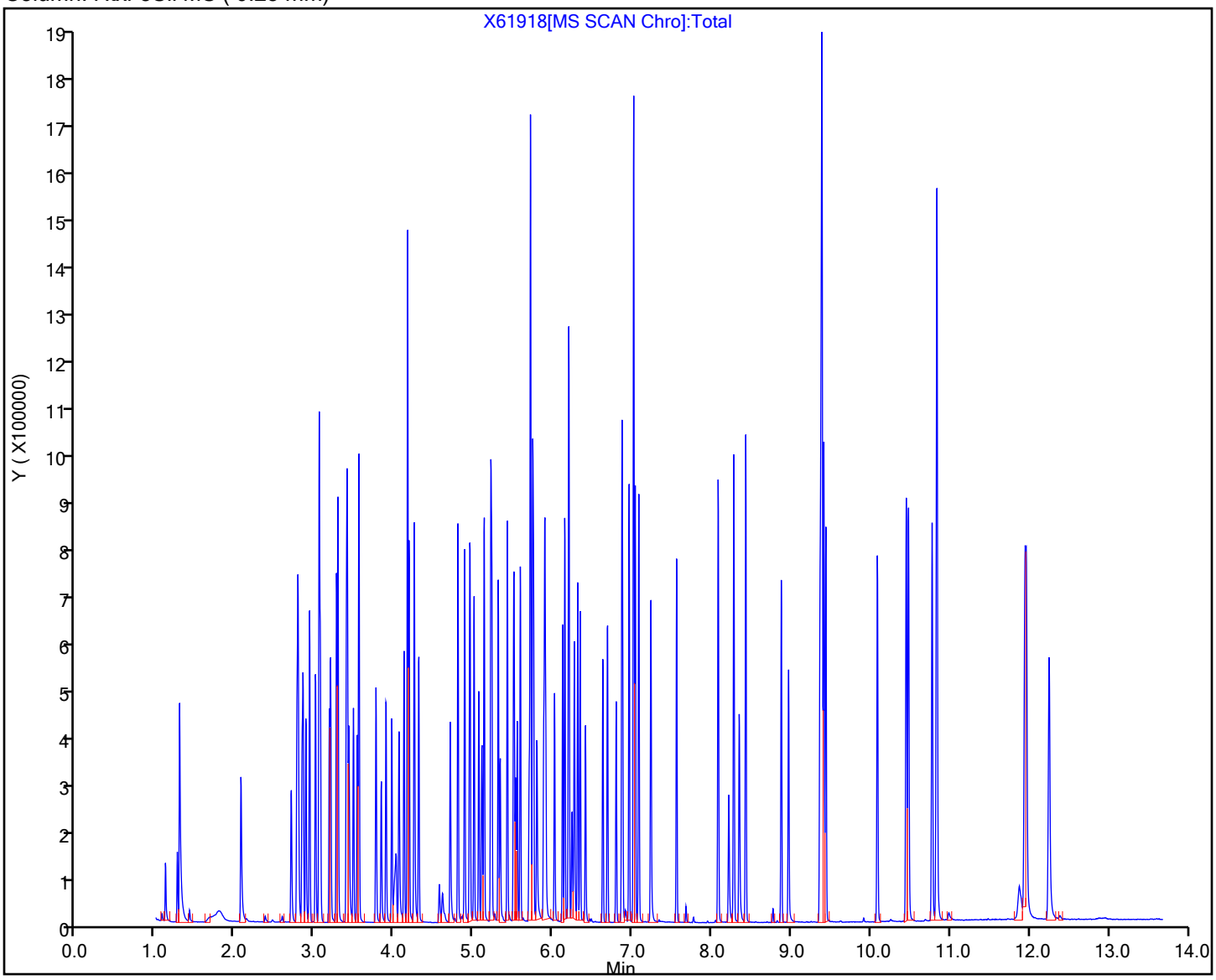
## Reagents:

SV_BNA_L6_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d
Injection Date: 04-Feb-2025 06:58:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

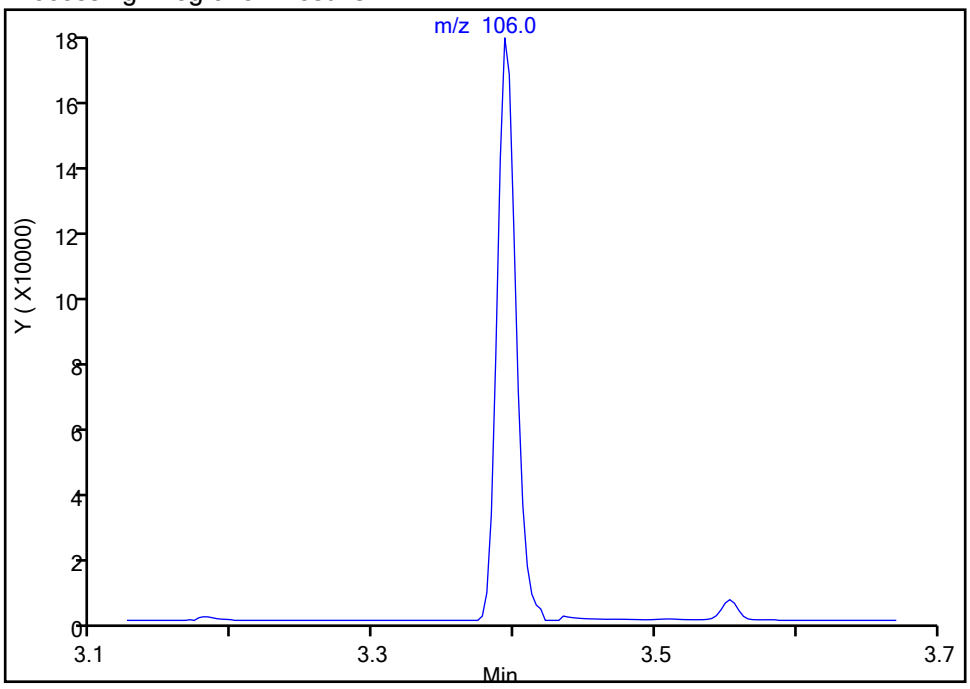
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d | | | | |
| Injection Date: | 04-Feb-2025 06:58:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD20 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

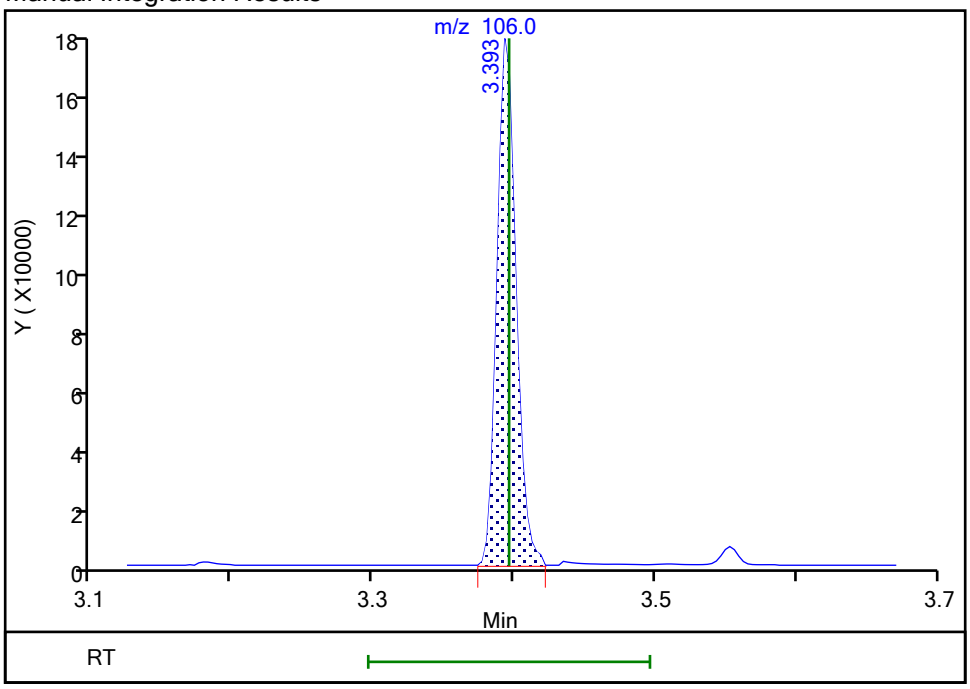
Not Detected
Expected RT: 3.40

Processing Integration Results




Manual Integration Results

RT: 3.39
Area: 164041
Amount: 20.239534
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:17:39 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

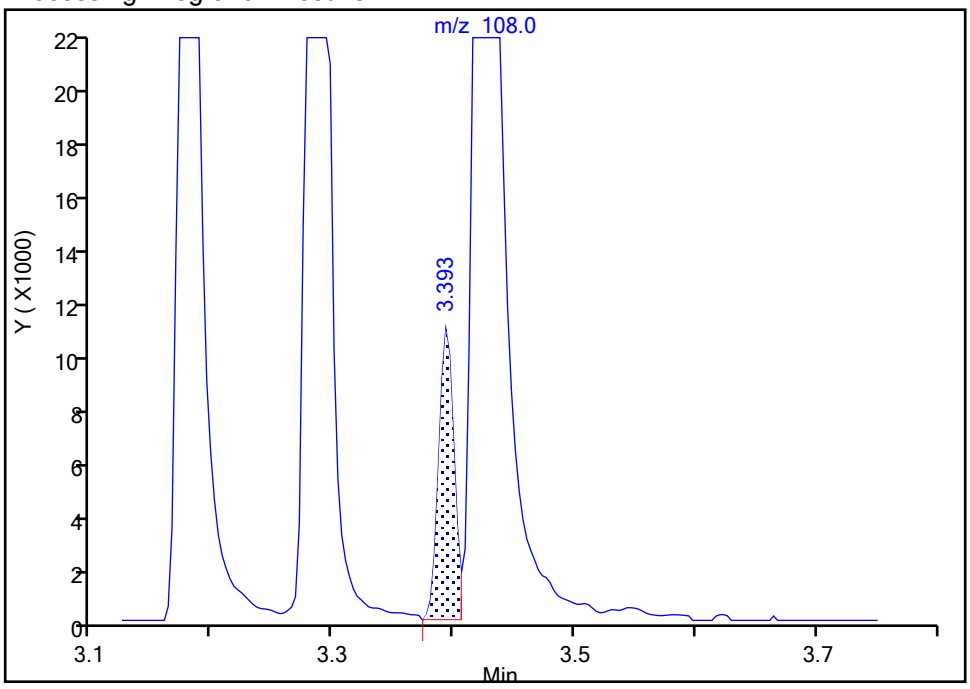
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d
Injection Date: 04-Feb-2025 06:58:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 23 3 & 4 Methylphenol, CAS: 15831-10-4

Signal: 1

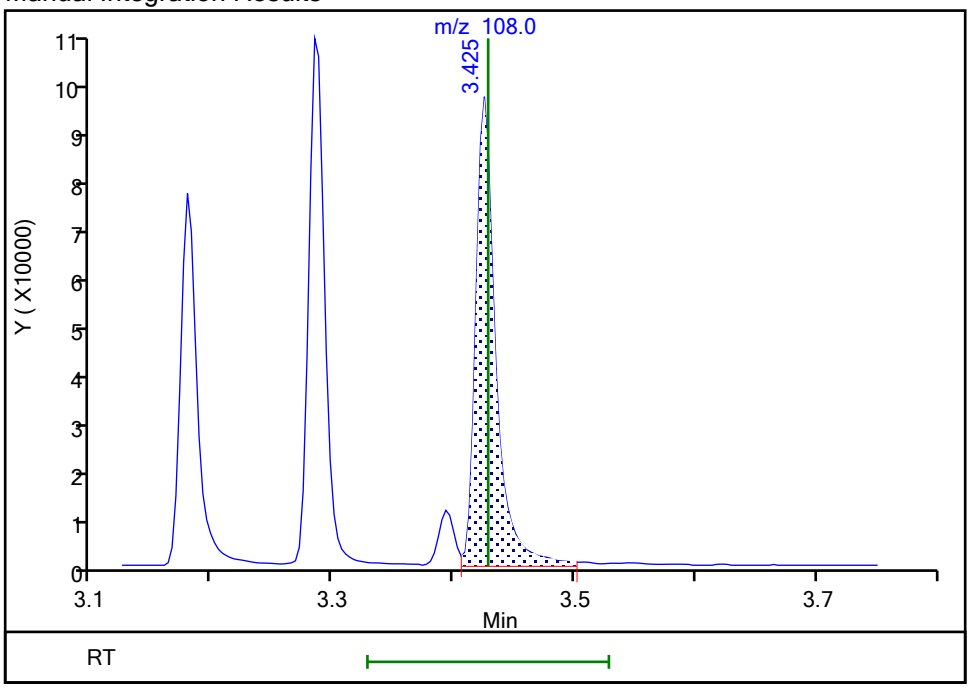
Processing Integration Results

RT: 3.39
Area: 9523
Amount: 18.950007
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 104364
Amount: 20.669354
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:17:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

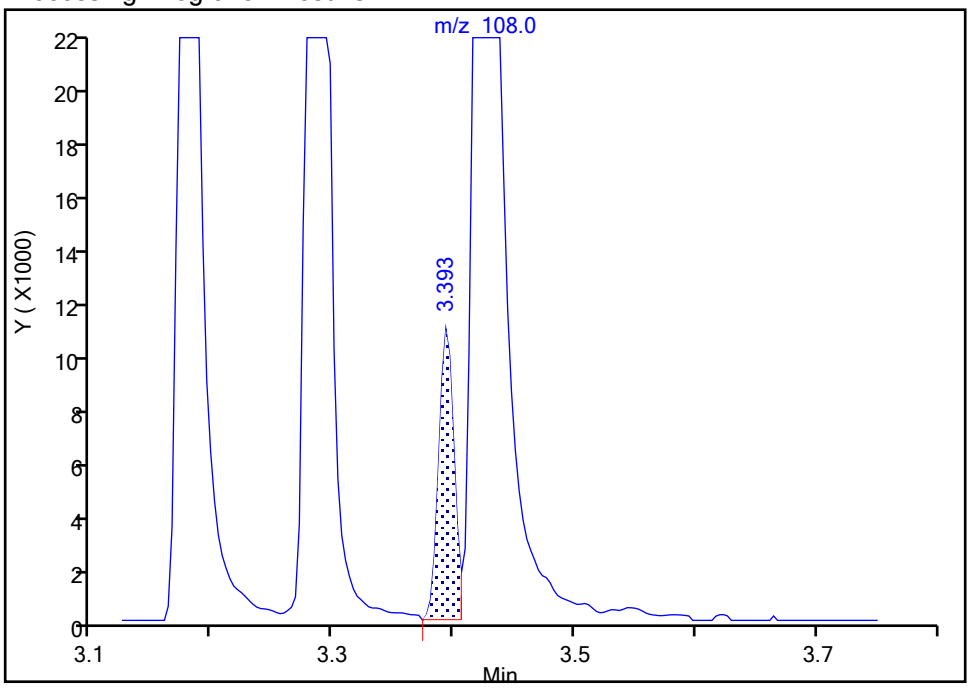
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d
Injection Date: 04-Feb-2025 06:58:30 Instrument ID: CBNAMS5
Lims ID: STD20
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

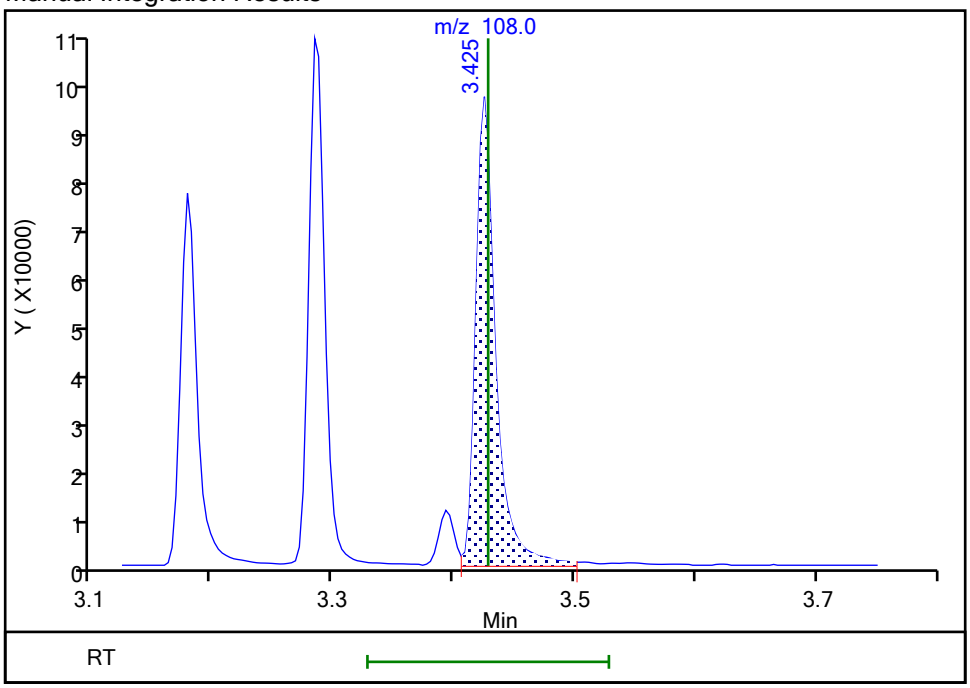
Processing Integration Results

RT: 3.39
Area: 9523
Amount: 18.950007
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 104364
Amount: 20.669354
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:17:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

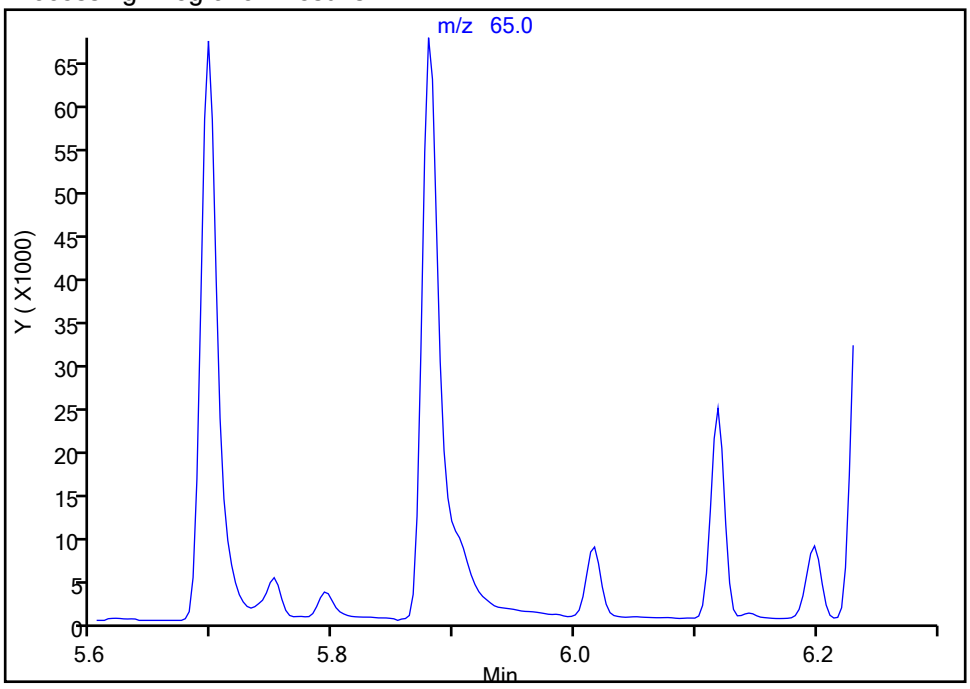
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61918.d | | | | |
| Injection Date: | 04-Feb-2025 06:58:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD20 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 69 4-Nitrophenol, CAS: 100-02-7

Signal: 1

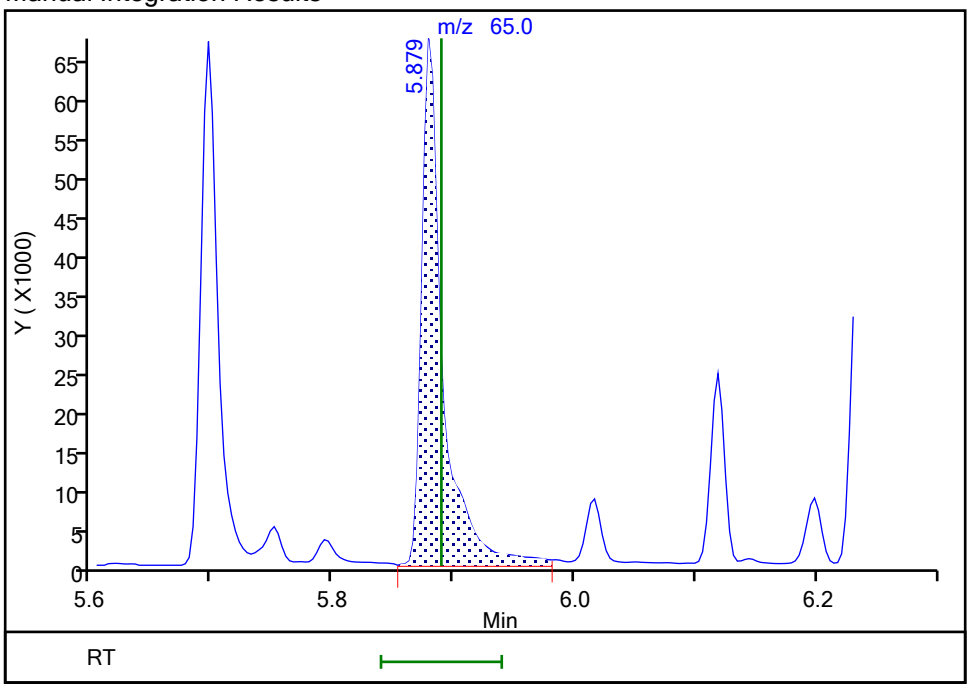
Not Detected
Expected RT: 5.89

Processing Integration Results




Manual Integration Results

RT: 5.88
Area: 81489
Amount: 42.021241
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:17:08 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d
Lims ID: STD10
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 04-Feb-2025 07:17:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-006
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:33 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 07:34:03

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.117 | 1.114 | 0.003 | 95 | 20435 | 10.0 | 9.63 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.267 | 1.267 | 0.000 | 89 | 31521 | 10.0 | 9.75 | |
| | 3 Pyridine | 79 | 1.296 | 1.293 | 0.003 | 93 | 102520 | 20.0 | 20.1 | |
| $ | 4 2-Fluorophenol | 112 | 2.068 | 2.065 | 0.003 | 93 | 51414 | 10.0 | 10.1 | |
| | 5 Benzaldehyde | 77 | 2.700 | 2.700 | 0.000 | 94 | 45961 | 10.0 | 10.1 | |
| $ | 6 Phenol-d5 | 99 | 2.770 | 2.776 | -0.006 | 98 | 68462 | 10.0 | 10.4 | |
| | 7 Phenol | 94 | 2.780 | 2.786 | -0.006 | 95 | 71527 | 10.0 | 10.2 | |
| | 8 Aniline | 93 | 2.786 | 2.789 | -0.003 | 88 | 77156 | 10.0 | 10.8 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.834 | 2.840 | -0.006 | 91 | 51650 | 10.0 | 9.82 | |
| | 11 2-Chlorophenol | 128 | 2.885 | 2.885 | 0.000 | 96 | 54741 | 10.0 | 9.96 | |
| | 12 n-Decane | 43 | 2.930 | 2.933 | -0.003 | 92 | 61185 | 10.0 | 10.2 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.006 | 3.006 | 0.000 | 96 | 62481 | 10.0 | 10.2 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 95 | 164167 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.064 | 3.067 | -0.003 | 84 | 62737 | 10.0 | 10.3 | |
| | 16 Benzyl alcohol | 108 | 3.179 | 3.182 | -0.003 | 92 | 35376 | 10.0 | 10.1 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.195 | 3.195 | 0.000 | 95 | 60375 | 10.0 | 10.3 | |
| | 18 2-Methylphenol | 108 | 3.284 | 3.287 | -0.003 | 83 | 48233 | 10.0 | 10.3 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.287 | 3.287 | 0.000 | 86 | 76971 | 10.0 | 10.2 | |
| | 20 N-Methylaniline | 106 | 3.393 | 3.396 | -0.003 | 91 | 81456 | 10.0 | 10.0 | |
| | 21 Acetophenone | 105 | 3.402 | 3.409 | -0.007 | 92 | 78473 | 10.0 | 10.3 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.405 | 3.415 | -0.010 | 79 | 37526 | 10.0 | 10.6 | |
| | 24 4-Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 48 | 51645 | 10.0 | 10.2 | a |
| | 23 3 & 4 Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 53 | 51645 | 10.0 | 10.2 | |
| | 25 Hexachloroethane | 117 | 3.482 | 3.482 | 0.000 | 92 | 23422 | 10.0 | 10.2 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.530 | 3.537 | -0.007 | 86 | 61246 | 10.0 | 10.2 | |
| | 28 Nitrobenzene | 123 | 3.549 | 3.556 | -0.007 | 88 | 27267 | 10.0 | 10.6 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.552 | 3.559 | -0.007 | 83 | 85411 | 10.0 | 10.5 | |
| | 31 Isophorone | 82 | 3.766 | 3.776 | -0.010 | 97 | 102330 | 10.0 | 10.0 | |
| | 32 2-Nitrophenol | 139 | 3.833 | 3.834 | -0.001 | 92 | 29173 | 10.0 | 9.83 | |
| | 33 2,4-Dimethylphenol | 122 | 3.894 | 3.898 | -0.004 | 91 | 39913 | 10.0 | 10.1 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.964 | 3.968 | -0.004 | 98 | 64995 | 10.0 | 9.98 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.003 | 4.051 | -0.048 | 67 | 29535 | 10.0 | 9.33 | |
| 36 2,4-Dichlorophenol | 162 | 4.060 | 4.057 | 0.003 | 95 | 45080 | 10.0 | 10.1 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.121 | 4.121 | 0.000 | 93 | 52131 | 10.0 | 10.0 | |
| * 38 Naphthalene-d8 | 136 | 4.165 | 4.166 | -0.001 | 99 | 627597 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.181 | 4.185 | -0.004 | 89 | 163238 | 10.0 | 10.3 | |
| 40 4-Chloroaniline | 127 | 4.249 | 4.249 | 0.000 | 90 | 61828 | 10.0 | 9.99 | |
| 130 2,6-Dichlorophenol | 162 | 4.252 | 4.252 | 0.000 | 92 | 44295 | 10.0 | 10.1 | |
| 41 Hexachlorobutadiene | 225 | 4.306 | 4.307 | -0.001 | 97 | 31456 | 10.0 | 10.0 | |
| 42 Caprolactam | 55 | 4.555 | 4.664 | -0.109 | 88 | 23688 | 10.0 | 9.94 | a |
| 43 4-Chloro-3-methylphenol | 107 | 4.705 | 4.703 | 0.002 | 91 | 43280 | 10.0 | 9.88 | |
| 44 2-Methylnaphthalene | 142 | 4.801 | 4.802 | -0.001 | 83 | 106322 | 10.0 | 10.0 | |
| 45 1-Methylnaphthalene | 142 | 4.884 | 4.885 | -0.001 | 82 | 98429 | 10.0 | 10.2 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.945 | 4.946 | -0.001 | 81 | 29432 | 10.0 | 10.9 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.951 | 4.955 | -0.004 | 96 | 51704 | 10.0 | 9.83 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.002 | 5.006 | -0.004 | 90 | 64099 | 10.0 | 10.1 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.063 | 5.064 | -0.001 | 91 | 33065 | 10.0 | 10.1 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.104 | 5.099 | 0.005 | 95 | 36858 | 10.0 | 10.3 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.130 | 5.131 | -0.001 | 91 | 126874 | 10.0 | 10.3 | |
| 52 1,1'-Biphenyl | 154 | 5.213 | 5.218 | -0.005 | 96 | 128437 | 10.0 | 10.1 | |
| 53 2-Chloronaphthalene | 162 | 5.226 | 5.227 | -0.001 | 97 | 102487 | 10.0 | 10.4 | |
| 54 Phenyl ether | 170 | 5.309 | 5.310 | -0.001 | 82 | 71780 | 10.0 | 10.0 | |
| 56 2-Nitroaniline | 65 | 5.331 | 5.336 | -0.005 | 83 | 28544 | 10.0 | 9.76 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.421 | 5.425 | -0.004 | 90 | 81240 | 10.0 | 10.1 | |
| 58 Dimethyl phthalate | 163 | 5.497 | 5.509 | -0.012 | 99 | 108862 | 10.0 | 9.83 | |
| 59 Coumarin | 146 | 5.507 | 5.515 | -0.008 | 79 | 37656 | 10.0 | 10.2 | |
| 60 2,6-Dinitrotoluene | 165 | 5.545 | 5.553 | -0.008 | 70 | 24031 | 10.0 | 9.91 | |
| 61 Acenaphthylene | 152 | 5.587 | 5.589 | -0.002 | 97 | 150057 | 10.0 | 10.1 | |
| 64 3-Nitroaniline | 138 | 5.699 | 5.704 | -0.005 | 94 | 27162 | 10.0 | 9.87 | a |
| * 65 Acenaphthene-d10 | 164 | 5.715 | 5.713 | 0.002 | 96 | 329171 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.740 | 5.745 | -0.005 | 88 | 91615 | 10.0 | 10.2 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.750 | 5.755 | -0.005 | 92 | 71903 | 10.0 | 9.84 | |
| 68 2,4-Dinitrophenol | 184 | 5.795 | 5.800 | -0.005 | 96 | 27736 | 20.0 | 18.7 | |
| 69 4-Nitrophenol | 65 | 5.881 | 5.889 | -0.008 | 87 | 39435 | 20.0 | 19.7 | a |
| 71 Dibenzofuran | 168 | 5.894 | 5.899 | -0.005 | 91 | 142500 | 10.0 | 10.3 | |
| 70 2,4-Dinitrotoluene | 165 | 5.906 | 5.912 | -0.006 | 64 | 33307 | 10.0 | 10.2 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.015 | 6.020 | -0.005 | 92 | 28416 | 10.0 | 9.59 | |
| 73 Diethyl phthalate | 149 | 6.117 | 6.126 | -0.009 | 97 | 106560 | 10.0 | 9.71 | |
| 75 Fluorene | 166 | 6.194 | 6.200 | -0.006 | 83 | 111330 | 10.0 | 10.2 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.200 | 6.203 | -0.003 | 90 | 56048 | 10.0 | 10.3 | |
| 76 4-Nitroaniline | 138 | 6.236 | 6.251 | -0.015 | 83 | 24758 | 10.0 | 9.41 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.264 | 6.276 | -0.012 | 82 | 39710 | 20.0 | 19.8 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.309 | 6.315 | -0.006 | 97 | 79721 | 10.0 | 10.2 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.338 | 6.344 | -0.006 | 99 | 111888 | 10.0 | 10.2 | |
| 131 Azobenzene | 77 | 6.338 | 6.344 | -0.006 | 0 | 111839 | 10.0 | 10.2 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.408 | 6.414 | -0.006 | 90 | 26987 | 10.0 | 10.1 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.625 | 6.631 | -0.006 | 93 | 35447 | 10.0 | 10.1 | |
| 83 Hexachlorobenzene | 284 | 6.683 | 6.689 | -0.006 | 93 | 44963 | 10.0 | 10.1 | |
| 84 Atrazine | 200 | 6.791 | 6.798 | -0.007 | 90 | 31464 | 10.0 | 10.6 | |
| 85 Pentachlorophenol | 266 | 6.865 | 6.871 | -0.006 | 90 | 52035 | 20.0 | 19.9 | |
| 86 Pentachloronitrobenzene | 237 | 6.871 | 6.878 | -0.007 | 72 | 15132 | 10.0 | 10.1 | |
| 87 n-Octadecane | 57 | 6.954 | 6.961 | -0.007 | 90 | 75645 | 10.0 | 10.1 | |
| * 88 Phenanthrene-d10 | 188 | 7.012 | 7.019 | -0.007 | 99 | 624860 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.031 | 7.041 | -0.010 | 97 | 160609 | 10.0 | 10.3 | |
| 90 Anthracene | 178 | 7.076 | 7.086 | -0.010 | 97 | 164665 | 10.0 | 10.3 | |
| 91 Carbazole | 167 | 7.232 | 7.236 | -0.004 | 82 | 145218 | 10.0 | 10.1 | |
| 92 Di-n-butyl phthalate | 149 | 7.555 | 7.559 | -0.004 | 99 | 180411 | 10.0 | 10.0 | |
| 93 Fluoranthene | 202 | 8.078 | 8.086 | -0.008 | 97 | 178685 | 10.0 | 10.1 | |
| 94 Benzidine | 184 | 8.212 | 8.217 | -0.005 | 96 | 62345 | 10.0 | 10.1 | |
| 95 Pyrene | 202 | 8.276 | 8.284 | -0.008 | 97 | 186407 | 10.0 | 10.1 | |
| 82 Bisphenol-A | 213 | 8.343 | 8.351 | -0.008 | 98 | 73026 | 10.0 | 9.22 | |
| $ 96 Terphenyl-d14 | 244 | 8.426 | 8.435 | -0.009 | 96 | 171063 | 10.0 | 10.3 | |
| 97 Butyl benzyl phthalate | 149 | 8.873 | 8.882 | -0.009 | 95 | 75266 | 10.0 | 9.41 | |
| 99 Carbamazepine | 193 | 8.963 | 8.978 | -0.016 | 91 | 59321 | 10.0 | 8.62 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.362 | 9.371 | -0.009 | 98 | 70536 | 10.0 | 9.93 | |
| 101 Benzo[a]anthracene | 228 | 9.374 | 9.384 | -0.010 | 99 | 182936 | 10.0 | 10.0 | |
| * 102 Chrysene-d12 | 240 | 9.387 | 9.396 | -0.009 | 98 | 557046 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.410 | 9.422 | -0.012 | 95 | 179974 | 10.0 | 10.2 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.435 | 9.445 | -0.010 | 71 | 113067 | 10.0 | 9.77 | |
| 105 Di-n-octyl phthalate | 149 | 10.083 | 10.100 | -0.017 | 93 | 181969 | 10.0 | 9.49 | |
| 106 Benzo[b]fluoranthene | 252 | 10.444 | 10.461 | -0.017 | 98 | 187624 | 10.0 | 10.5 | |
| 107 Benzo[k]fluoranthene | 252 | 10.473 | 10.489 | -0.016 | 99 | 192259 | 10.0 | 10.1 | |
| 108 Benzo[a]pyrene | 252 | 10.773 | 10.787 | -0.014 | 96 | 168612 | 10.0 | 10.3 | |
| * 109 Perylene-d12 | 264 | 10.831 | 10.841 | -0.010 | 98 | 647298 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.936 | 11.959 | -0.023 | 98 | 226825 | 10.0 | 10.4 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.955 | 11.979 | -0.024 | 92 | 187835 | 10.0 | 10.4 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.246 | 12.270 | -0.024 | 91 | 165782 | 10.0 | 10.1 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 20.5 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

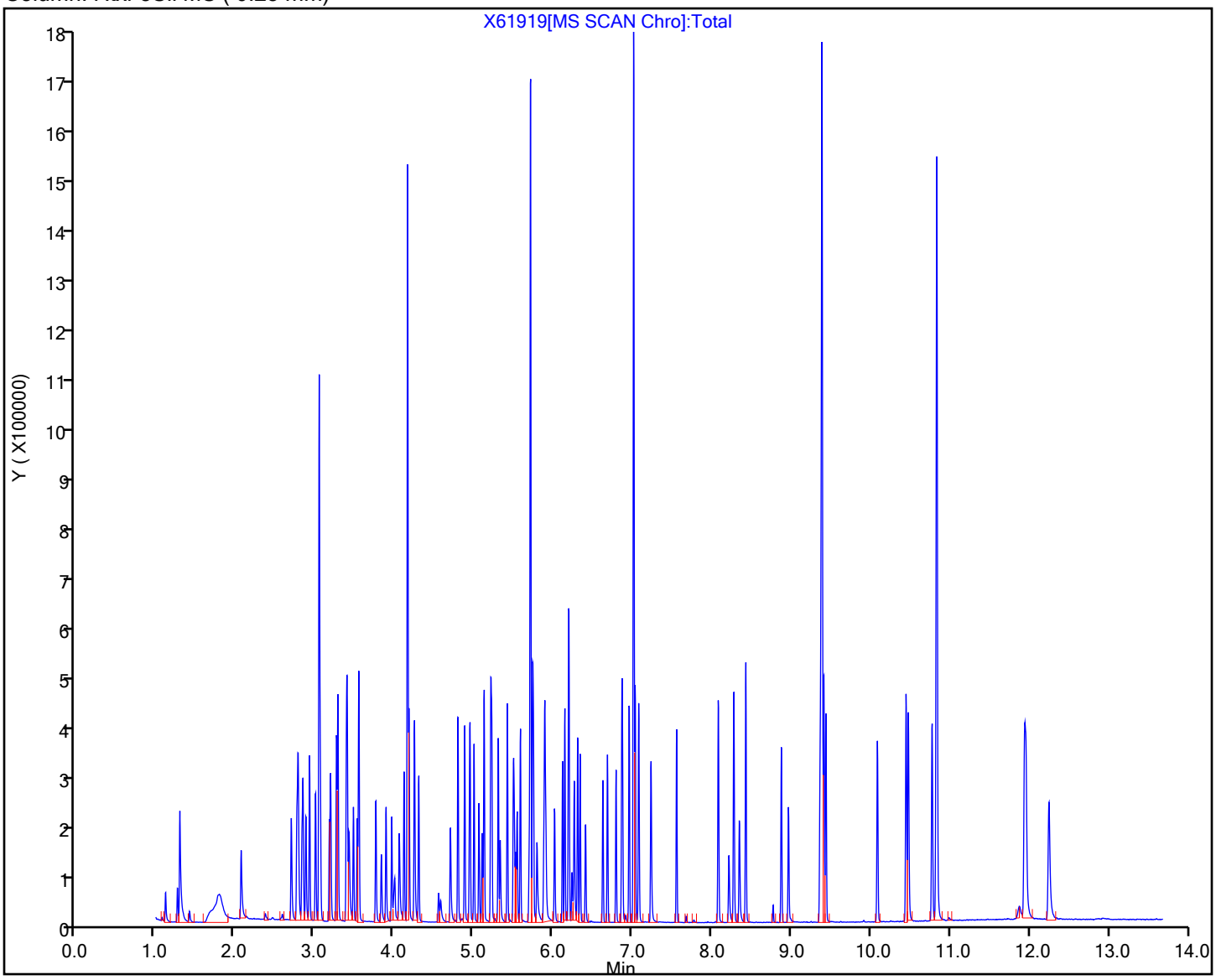
## Reagents:

SV_BNA_L5_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:35 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d
Injection Date: 04-Feb-2025 07:17:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

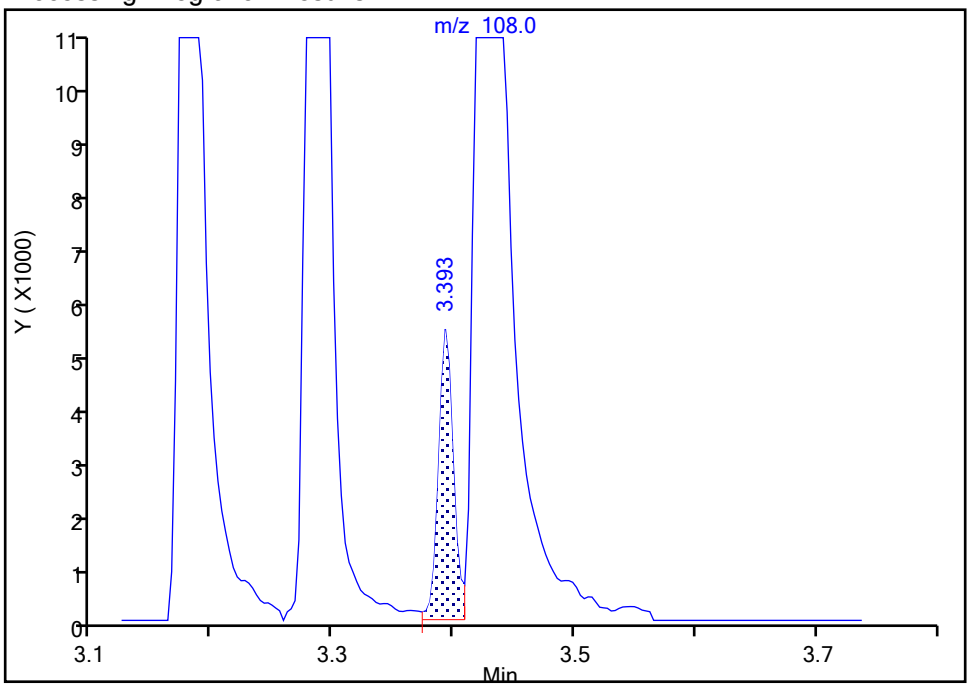
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d
Injection Date: 04-Feb-2025 07:17:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

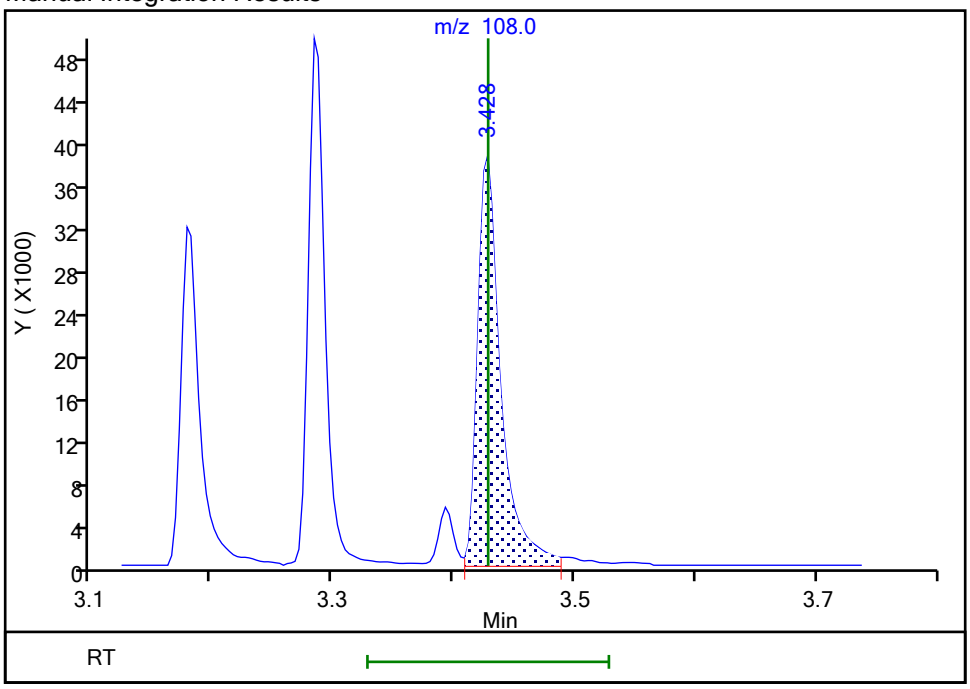
Processing Integration Results

RT: 3.39
Area: 4775
Amount: 6.857185
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 51645
Amount: 10.168076
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:33:19 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

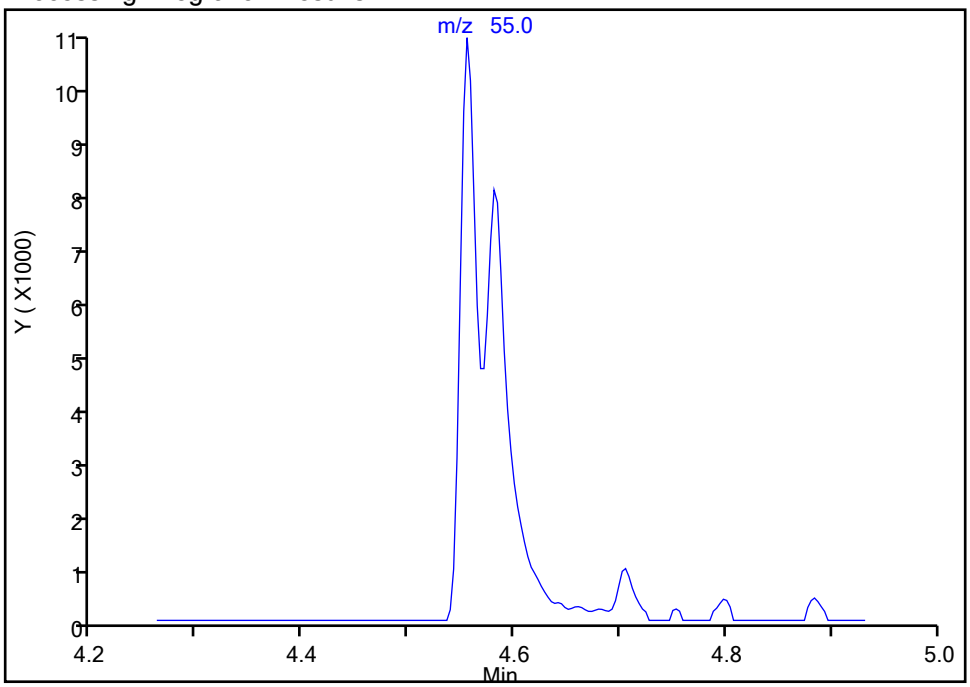
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d
Injection Date: 04-Feb-2025 07:17:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

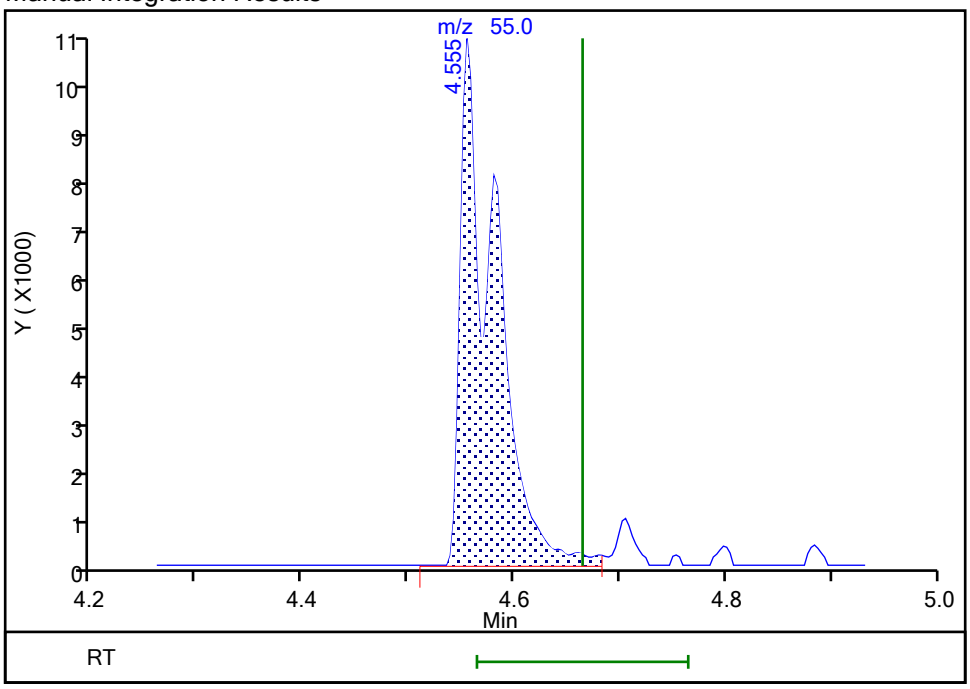
Not Detected
Expected RT: 4.66

Processing Integration Results




Manual Integration Results

RT: 4.56
Area: 23688
Amount: 9.935844
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:33:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

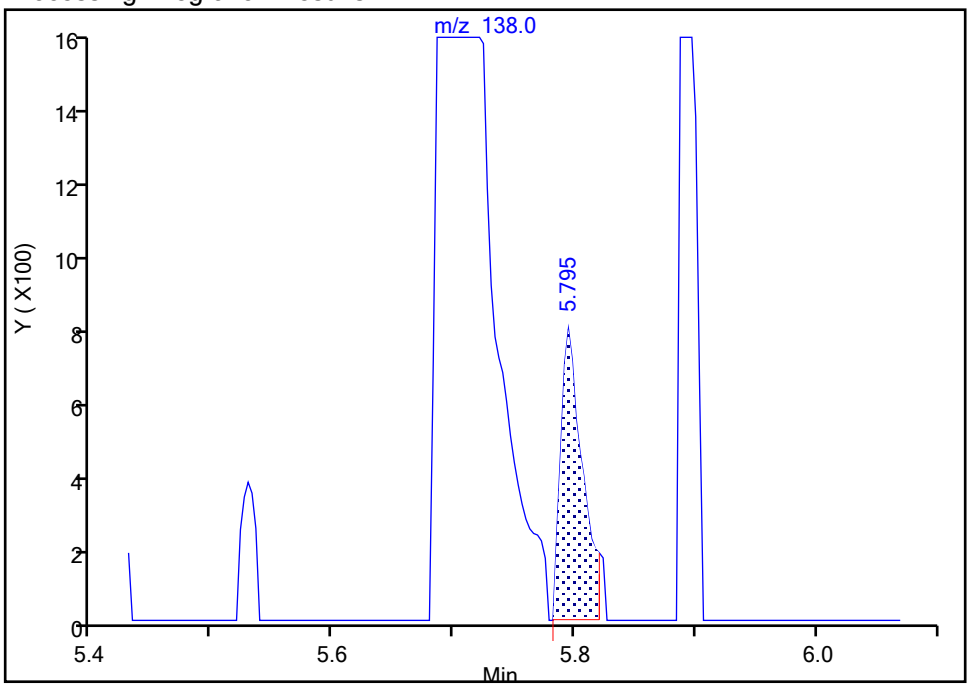
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d
Injection Date: 04-Feb-2025 07:17:30 Instrument ID: CBNAMS5
Lims ID: STD10
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 64 3-Nitroaniline, CAS: 99-09-2

Signal: 1

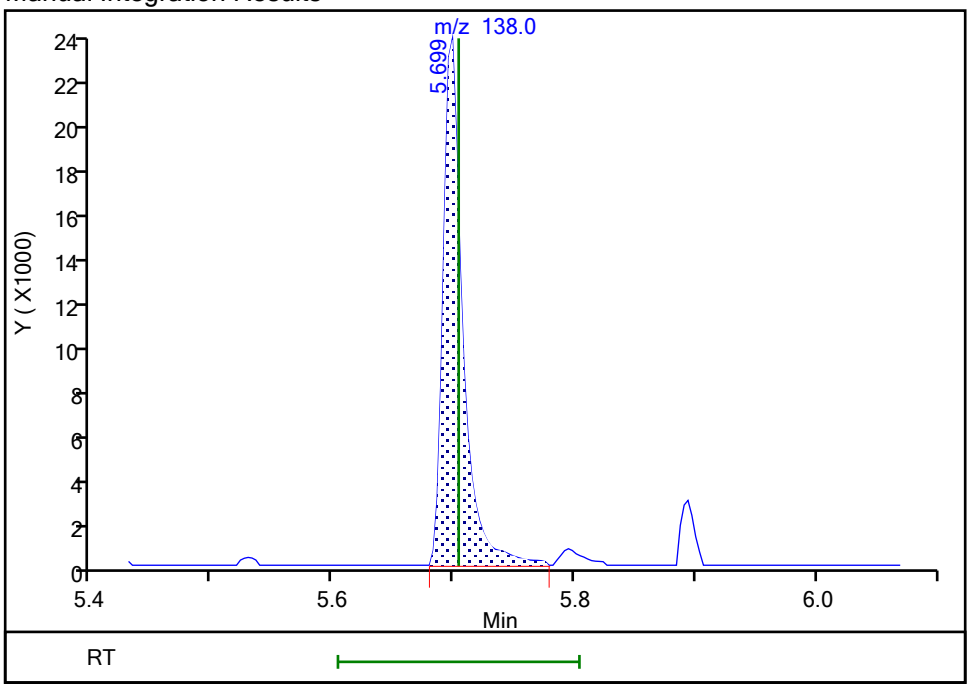
Processing Integration Results

RT: 5.79
Area: 945
Amount: 6.794573
Amount Units: ug/ml




Manual Integration Results

RT: 5.70
Area: 27162
Amount: 9.869947
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:33:29 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

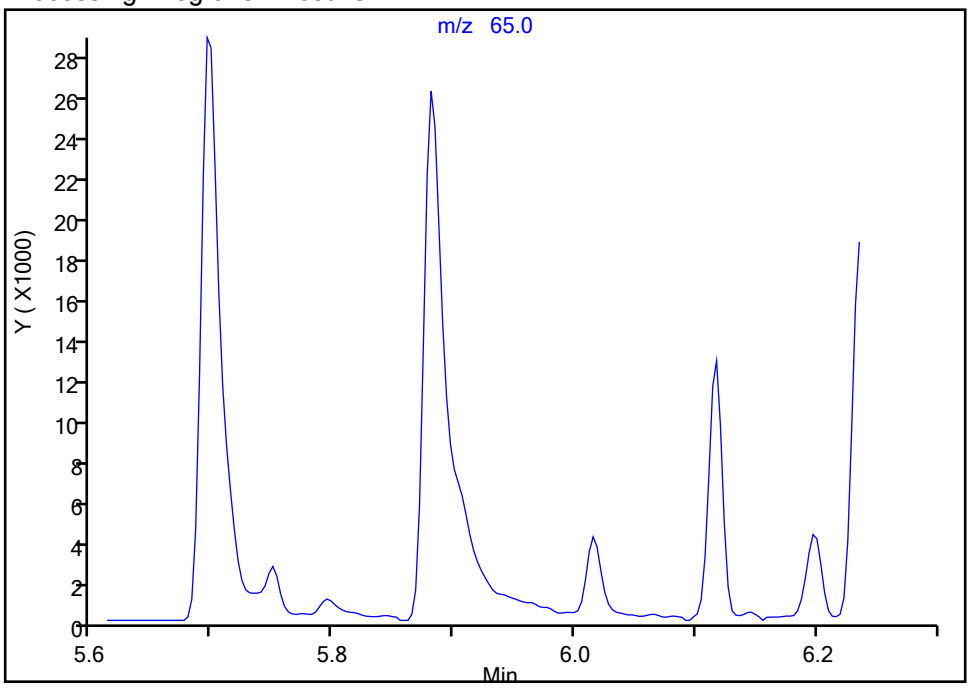
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61919.d | | | | |
| Injection Date: | 04-Feb-2025 07:17:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD10 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 69 4-Nitrophenol, CAS: 100-02-7

Signal: 1

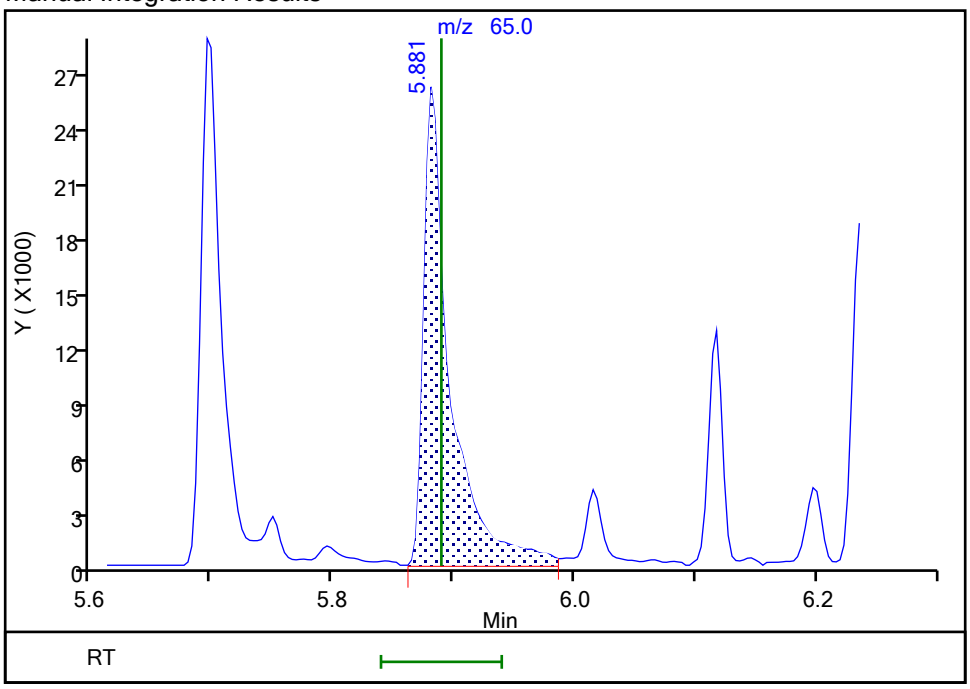
Not Detected
Expected RT: 5.89

Processing Integration Results




Manual Integration Results

RT: 5.88
Area: 39435
Amount: 19.663771
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:33:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61920.d
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 04-Feb-2025 07:37:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-007
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:37 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 07:55:27

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 94 | 13523 | 5.00 | 5.18 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.264 | 1.267 | -0.003 | 91 | 19760 | 5.00 | 4.96 | |
| | 3 Pyridine | 79 | 1.296 | 1.293 | 0.003 | 93 | 60106 | 10.0 | 9.56 | |
| $ | 4 2-Fluorophenol | 112 | 2.068 | 2.065 | 0.003 | 92 | 31137 | 5.00 | 4.99 | |
| | 5 Benzaldehyde | 77 | 2.700 | 2.700 | 0.000 | 93 | 30149 | 5.00 | 5.40 | |
| $ | 6 Phenol-d5 | 99 | 2.770 | 2.776 | -0.006 | 98 | 40953 | 5.00 | 5.04 | |
| | 7 Phenol | 94 | 2.780 | 2.786 | -0.006 | 94 | 43026 | 5.00 | 4.96 | |
| | 8 Aniline | 93 | 2.789 | 2.789 | 0.000 | 90 | 45886 | 5.00 | 5.21 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.834 | 2.840 | -0.006 | 91 | 32108 | 5.00 | 4.96 | |
| | 11 2-Chlorophenol | 128 | 2.885 | 2.885 | 0.000 | 95 | 34144 | 5.00 | 5.04 | |
| | 12 n-Decane | 43 | 2.930 | 2.933 | -0.003 | 92 | 37228 | 5.00 | 5.03 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.006 | 3.006 | 0.000 | 95 | 38295 | 5.00 | 5.09 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 96 | 202172 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.064 | 3.067 | -0.003 | 78 | 38544 | 5.00 | 5.13 | |
| | 16 Benzyl alcohol | 108 | 3.182 | 3.182 | 0.000 | 93 | 21669 | 5.00 | 5.02 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.195 | 3.195 | 0.000 | 95 | 37384 | 5.00 | 5.18 | |
| | 18 2-Methylphenol | 108 | 3.287 | 3.287 | 0.000 | 66 | 28506 | 5.00 | 4.96 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.287 | 3.287 | 0.000 | 87 | 48590 | 5.00 | 5.22 | |
| | 20 N-Methylaniline | 106 | 3.393 | 3.396 | -0.003 | 90 | 48610 | 5.00 | 4.84 | |
| | 21 Acetophenone | 105 | 3.402 | 3.409 | -0.007 | 91 | 46880 | 5.00 | 5.01 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.405 | 3.415 | -0.010 | 80 | 23185 | 5.00 | 5.34 | |
| | 24 4-Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 45 | 31307 | 5.00 | 5.01 | |
| | 23 3 & 4 Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 50 | 31307 | 5.00 | 5.01 | |
| | 25 Hexachloroethane | 117 | 3.482 | 3.482 | 0.000 | 92 | 14801 | 5.00 | 5.21 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.530 | 3.537 | -0.007 | 86 | 37091 | 5.00 | 4.98 | |
| | 28 Nitrobenzene | 123 | 3.549 | 3.556 | -0.007 | 84 | 16531 | 5.00 | 5.23 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.552 | 3.559 | -0.007 | 84 | 52436 | 5.00 | 5.22 | |
| | 31 Isophorone | 82 | 3.763 | 3.776 | -0.013 | 97 | 60812 | 5.00 | 4.82 | |
| | 32 2-Nitrophenol | 139 | 3.837 | 3.834 | 0.002 | 90 | 17134 | 5.00 | 4.67 | |
| | 33 2,4-Dimethylphenol | 122 | 3.894 | 3.898 | -0.004 | 90 | 23530 | 5.00 | 4.80 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.964 | 3.968 | -0.004 | 98 | 39364 | 5.00 | 4.89 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 3.993 | 4.051 | -0.058 | 67 | 17263 | 5.00 | 4.41 | |
| 36 2,4-Dichlorophenol | 162 | 4.063 | 4.057 | 0.006 | 93 | 27092 | 5.00 | 4.93 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.121 | 4.121 | 0.000 | 92 | 32512 | 5.00 | 5.07 | |
| * 38 Naphthalene-d8 | 136 | 4.165 | 4.166 | -0.001 | 99 | 775349 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.181 | 4.185 | -0.004 | 78 | 101910 | 5.00 | 5.20 | |
| 40 4-Chloroaniline | 127 | 4.252 | 4.249 | 0.003 | 86 | 36698 | 5.00 | 4.80 | |
| 130 2,6-Dichlorophenol | 162 | 4.252 | 4.252 | 0.000 | 91 | 27382 | 5.00 | 5.07 | |
| 41 Hexachlorobutadiene | 225 | 4.306 | 4.307 | -0.001 | 96 | 19212 | 5.00 | 4.94 | |
| 42 Caprolactam | 55 | 4.555 | 4.664 | -0.109 | 85 | 14190 | 5.00 | 4.82 | a |
| 43 4-Chloro-3-methylphenol | 107 | 4.708 | 4.703 | 0.005 | 89 | 25187 | 5.00 | 4.65 | |
| 44 2-Methylnaphthalene | 142 | 4.801 | 4.802 | -0.001 | 81 | 65198 | 5.00 | 4.98 | |
| 45 1-Methylnaphthalene | 142 | 4.884 | 4.885 | -0.001 | 88 | 57092 | 5.00 | 4.81 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.944 | 4.946 | -0.002 | 86 | 16732 | 5.00 | 5.08 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.954 | 4.955 | -0.001 | 97 | 32653 | 5.00 | 5.10 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.002 | 5.006 | -0.004 | 88 | 37384 | 5.00 | 4.77 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.066 | 5.064 | 0.002 | 91 | 19366 | 5.00 | 4.86 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.107 | 5.099 | 0.008 | 93 | 20521 | 5.00 | 4.70 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.130 | 5.131 | -0.001 | 92 | 77186 | 5.00 | 5.13 | |
| 52 1,1'-Biphenyl | 154 | 5.213 | 5.218 | -0.005 | 96 | 79298 | 5.00 | 5.12 | |
| 53 2-Chloronaphthalene | 162 | 5.226 | 5.227 | -0.001 | 97 | 60608 | 5.00 | 5.04 | |
| 54 Phenyl ether | 170 | 5.309 | 5.310 | -0.001 | 82 | 45040 | 5.00 | 5.16 | |
| 56 2-Nitroaniline | 65 | 5.334 | 5.336 | -0.002 | 81 | 17048 | 5.00 | 4.79 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.420 | 5.425 | -0.005 | 89 | 49073 | 5.00 | 4.99 | |
| 58 Dimethyl phthalate | 163 | 5.497 | 5.509 | -0.012 | 99 | 66604 | 5.00 | 4.94 | |
| 59 Coumarin | 146 | 5.510 | 5.515 | -0.005 | 74 | 22188 | 5.00 | 4.88 | |
| 60 2,6-Dinitrotoluene | 165 | 5.545 | 5.553 | -0.008 | 82 | 15037 | 5.00 | 5.10 | |
| 61 Acenaphthylene | 152 | 5.586 | 5.589 | -0.003 | 96 | 90461 | 5.00 | 5.02 | |
| 64 3-Nitroaniline | 138 | 5.701 | 5.704 | -0.003 | 50 | 16225 | 5.00 | 4.84 | a |
| * 65 Acenaphthene-d10 | 164 | 5.714 | 5.713 | 0.001 | 96 | 400564 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.740 | 5.745 | -0.005 | 82 | 55599 | 5.00 | 5.09 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.749 | 5.755 | -0.006 | 89 | 35070 | 5.00 | 3.94 | |
| 68 2,4-Dinitrophenol | 184 | 5.797 | 5.800 | -0.003 | 91 | 14889 | 10.0 | 9.51 | |
| 69 4-Nitrophenol | 65 | 5.887 | 5.889 | -0.002 | 60 | 21617 | 10.0 | 8.86 | |
| 71 Dibenzofuran | 168 | 5.893 | 5.899 | -0.006 | 89 | 86081 | 5.00 | 5.10 | |
| 70 2,4-Dinitrotoluene | 165 | 5.909 | 5.912 | -0.003 | 56 | 20103 | 5.00 | 5.07 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.018 | 6.020 | -0.002 | 93 | 17303 | 5.00 | 4.80 | |
| 73 Diethyl phthalate | 149 | 6.117 | 6.126 | -0.009 | 97 | 67946 | 5.00 | 5.09 | |
| 75 Fluorene | 166 | 6.193 | 6.200 | -0.007 | 83 | 68475 | 5.00 | 5.15 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.200 | 6.203 | -0.003 | 89 | 34582 | 5.00 | 5.20 | |
| 76 4-Nitroaniline | 138 | 6.241 | 6.251 | -0.010 | 89 | 14430 | 5.00 | 4.51 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.264 | 6.276 | -0.012 | 81 | 23246 | 10.0 | 9.53 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.305 | 6.315 | -0.010 | 96 | 47304 | 5.00 | 4.99 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.337 | 6.344 | -0.007 | 99 | 68300 | 5.00 | 5.13 | |
| 131 Azobenzene | 77 | 6.337 | 6.344 | -0.007 | 0 | 68348 | 5.00 | 5.13 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.408 | 6.414 | -0.006 | 85 | 15049 | 5.00 | 4.64 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.625 | 6.631 | -0.006 | 91 | 21115 | 5.00 | 4.96 | |
| 83 Hexachlorobenzene | 284 | 6.682 | 6.689 | -0.007 | 92 | 27253 | 5.00 | 5.06 | |
| 84 Atrazine | 200 | 6.791 | 6.798 | -0.007 | 87 | 19096 | 5.00 | 5.31 | |
| 85 Pentachlorophenol | 266 | 6.867 | 6.871 | -0.004 | 91 | 29889 | 10.0 | 9.40 | |
| 86 Pentachloronitrobenzene | 237 | 6.874 | 6.878 | -0.004 | 82 | 9043 | 5.00 | 4.95 | |
| 87 n-Octadecane | 57 | 6.954 | 6.961 | -0.007 | 89 | 44242 | 5.00 | 4.85 | |
| * 88 Phenanthrene-d10 | 188 | 7.014 | 7.019 | -0.005 | 98 | 759919 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.033 | 7.041 | -0.008 | 95 | 98751 | 5.00 | 5.22 | |
| 90 Anthracene | 178 | 7.078 | 7.086 | -0.008 | 96 | 100615 | 5.00 | 5.15 | |
| 91 Carbazole | 167 | 7.231 | 7.236 | -0.005 | 82 | 89338 | 5.00 | 5.09 | |
| 92 Di-n-butyl phthalate | 149 | 7.554 | 7.559 | -0.005 | 99 | 106671 | 5.00 | 4.88 | |
| 93 Fluoranthene | 202 | 8.080 | 8.086 | -0.006 | 97 | 107202 | 5.00 | 5.00 | |
| 94 Benzidine | 184 | 8.218 | 8.217 | 0.001 | 94 | 37168 | 5.00 | 4.94 | |
| 95 Pyrene | 202 | 8.275 | 8.284 | -0.009 | 96 | 110304 | 5.00 | 4.84 | |
| 82 Bisphenol-A | 213 | 8.345 | 8.351 | -0.006 | 96 | 43111 | 5.00 | 4.39 | |
| $ 96 Terphenyl-d14 | 244 | 8.425 | 8.435 | -0.010 | 96 | 102853 | 5.00 | 5.01 | |
| 97 Butyl benzyl phthalate | 149 | 8.875 | 8.882 | -0.007 | 95 | 44848 | 5.00 | 4.53 | |
| 99 Carbamazepine | 193 | 8.965 | 8.978 | -0.013 | 85 | 31606 | 5.00 | 3.71 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.364 | 9.371 | -0.007 | 97 | 42354 | 5.00 | 4.81 | |
| 101 Benzo[a]anthracene | 228 | 9.373 | 9.384 | -0.011 | 99 | 110802 | 5.00 | 4.90 | |
| * 102 Chrysene-d12 | 240 | 9.386 | 9.396 | -0.010 | 99 | 690482 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.409 | 9.422 | -0.014 | 92 | 109827 | 5.00 | 5.01 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.437 | 9.445 | -0.008 | 70 | 66239 | 5.00 | 4.62 | |
| 105 Di-n-octyl phthalate | 149 | 10.085 | 10.100 | -0.015 | 92 | 104426 | 5.00 | 4.48 | |
| 106 Benzo[b]fluoranthene | 252 | 10.449 | 10.461 | -0.012 | 97 | 107852 | 5.00 | 4.97 | |
| 107 Benzo[k]fluoranthene | 252 | 10.475 | 10.489 | -0.014 | 99 | 117744 | 5.00 | 5.07 | |
| 108 Benzo[a]pyrene | 252 | 10.775 | 10.787 | -0.012 | 95 | 101579 | 5.00 | 5.10 | |
| * 109 Perylene-d12 | 264 | 10.836 | 10.841 | -0.005 | 98 | 786154 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.944 | 11.959 | -0.015 | 98 | 134640 | 5.00 | 5.10 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.960 | 11.979 | -0.019 | 89 | 109660 | 5.00 | 5.02 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.251 | 12.270 | -0.019 | 89 | 98813 | 5.00 | 4.97 | |
| S 119 Total Cresols | 1 | | | | 0 | | | 9.97 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

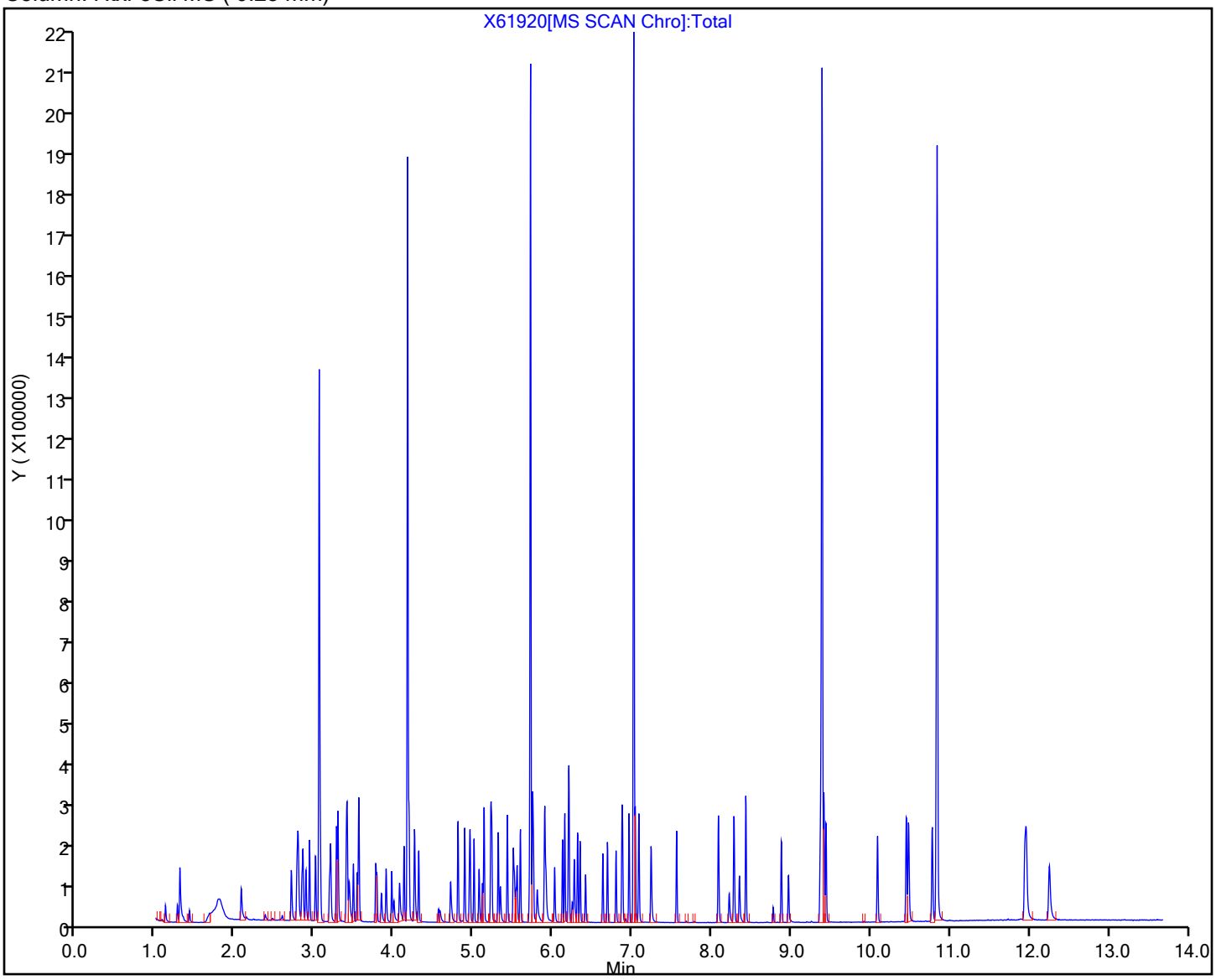
## Reagents:

SV_BNA_L4_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:38 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61920.d
Injection Date: 04-Feb-2025 07:37:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

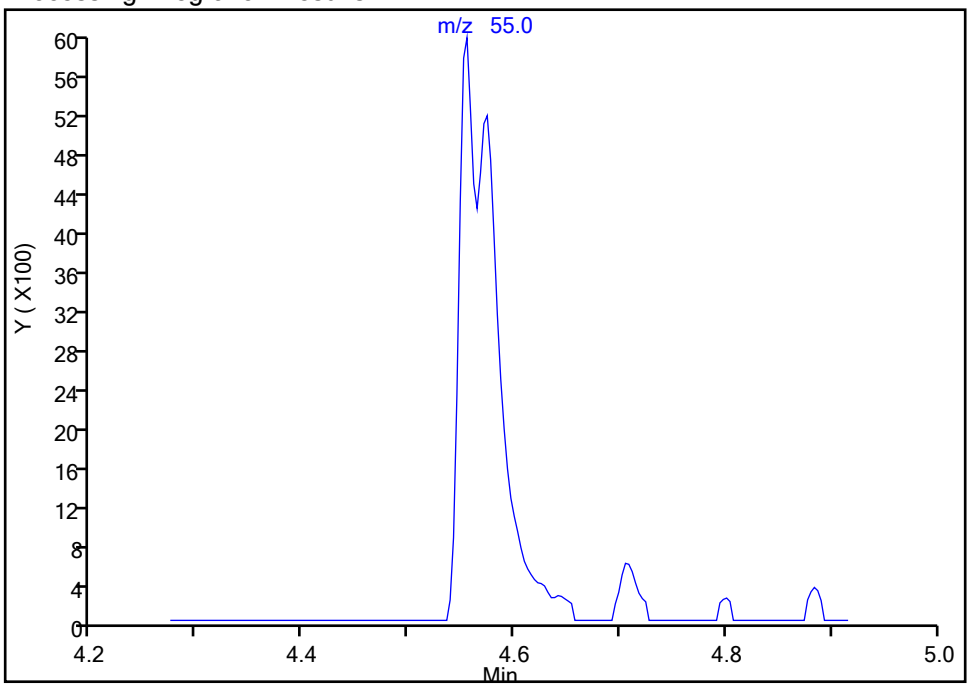
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61920.d | | | | |
| Injection Date: | 04-Feb-2025 07:37:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD5 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

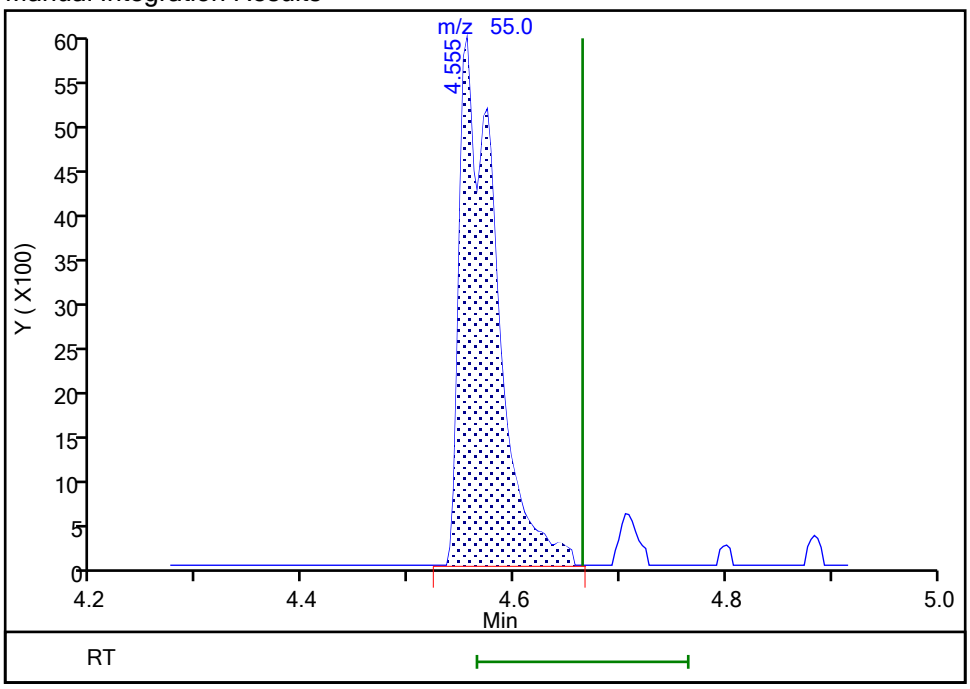
Not Detected
Expected RT: 4.66

Processing Integration Results




Manual Integration Results

RT: 4.55
Area: 14190
Amount: 4.817729
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:55:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Edison

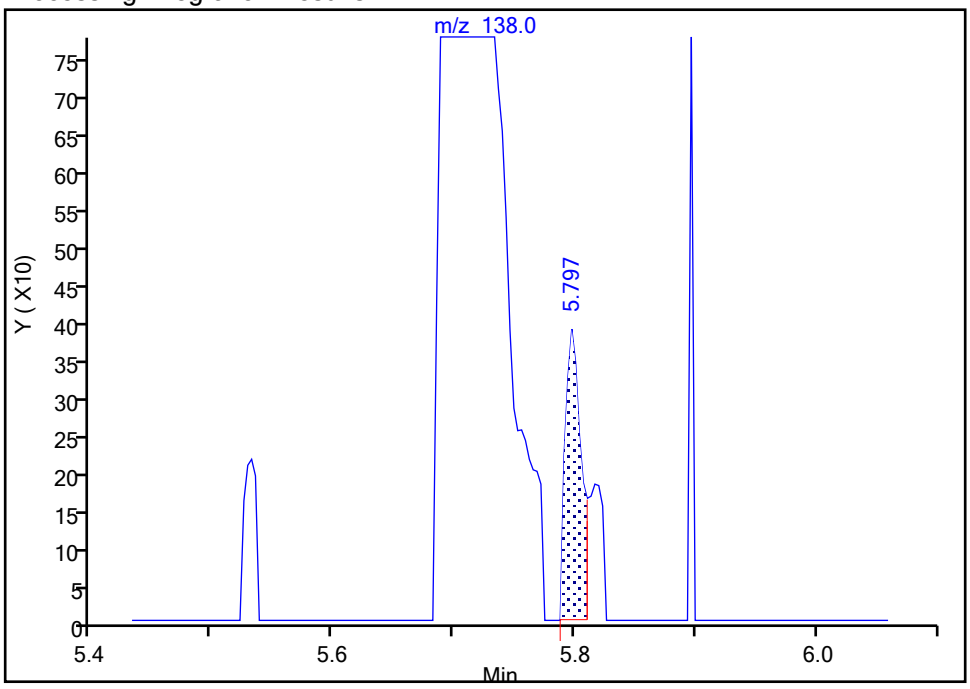
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61920.d
Injection Date: 04-Feb-2025 07:37:30 Instrument ID: CBNAMS5
Lims ID: STD5
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 64 3-Nitroaniline, CAS: 99-09-2

Signal: 1

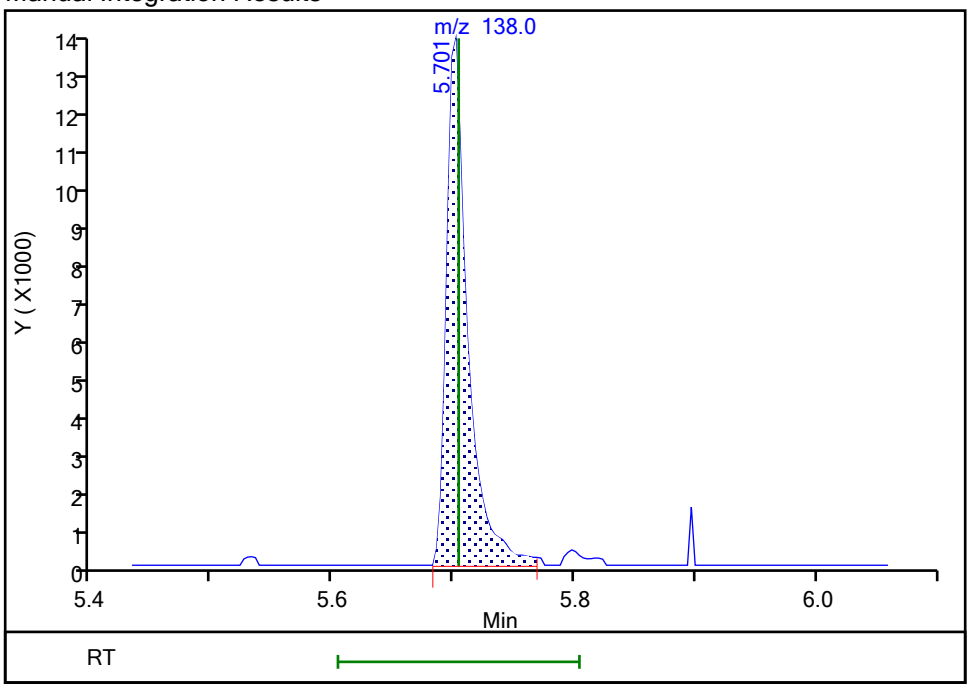
Processing Integration Results

RT: 5.80
Area: 357
Amount: 2.264198
Amount Units: ug/ml




Manual Integration Results

RT: 5.70
Area: 16225
Amount: 4.844929
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 07:55:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61921.d
Lims ID: STD2
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 04-Feb-2025 07:56:30 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-008
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:40 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 08:11:51

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.117 | 1.114 | 0.003 | 95 | 4331 | 2.00 | 1.99 | |
| 3 Pyridine | 79 | 1.302 | 1.293 | 0.009 | 94 | 20883 | 4.00 | 3.99 | M |
| $ 4 2-Fluorophenol | 112 | 2.077 | 2.065 | 0.012 | 83 | 8115 | 2.00 | 1.56 | |
| 5 Benzaldehyde | 77 | 2.706 | 2.700 | 0.006 | 92 | 9606 | 2.00 | 2.07 | |
| $ 6 Phenol-d5 | 99 | 2.776 | 2.776 | 0.000 | 94 | 13139 | 2.00 | 1.94 | |
| 8 Aniline | 93 | 2.792 | 2.789 | 0.003 | 87 | 15348 | 2.00 | 2.09 | |
| 9 Bis(2-chloroethyl)ether | 93 | 2.837 | 2.840 | -0.003 | 84 | 10982 | 2.00 | 2.04 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 96 | 168284 | 40.0 | 40.0 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.408 | 3.415 | -0.007 | 70 | 7503 | 2.00 | 2.08 | |
| 25 Hexachloroethane | 117 | 3.482 | 3.482 | 0.000 | 87 | 4810 | 2.00 | 2.03 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.533 | 3.537 | -0.004 | 79 | 11458 | 2.00 | 1.86 | |
| 28 Nitrobenzene | 123 | 3.552 | 3.556 | -0.004 | 76 | 5246 | 2.00 | 2.00 | |
| 27 n,n'-Dimethylaniline | 120 | 3.552 | 3.559 | -0.007 | 81 | 17199 | 2.00 | 2.06 | |
| 31 Isophorone | 82 | 3.766 | 3.776 | -0.010 | 93 | 19379 | 2.00 | 1.86 | |
| 36 2,4-Dichlorophenol | 162 | 4.079 | 4.057 | 0.022 | 80 | 8104 | 2.00 | 1.78 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.120 | 4.121 | -0.001 | 87 | 10752 | 2.00 | 2.02 | |
| * 38 Naphthalene-d8 | 136 | 4.165 | 4.166 | -0.001 | 99 | 641735 | 40.0 | 40.0 | |
| 130 2,6-Dichlorophenol | 162 | 4.261 | 4.252 | 0.009 | 87 | 8572 | 2.00 | 1.92 | |
| 41 Hexachlorobutadiene | 225 | 4.305 | 4.307 | -0.002 | 86 | 6620 | 2.00 | 2.06 | |
| 42 Caprolactam | 55 | 4.567 | 4.664 | -0.097 | 75 | 3996 | 2.00 | 1.64 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.071 | 5.064 | 0.007 | 79 | 5737 | 2.00 | 1.74 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.129 | 5.131 | -0.002 | 94 | 25636 | 2.00 | 2.06 | |
| 60 2,6-Dinitrotoluene | 165 | 5.547 | 5.553 | -0.006 | 64 | 4430 | 2.00 | 1.82 | |
| * 65 Acenaphthene-d10 | 164 | 5.713 | 5.713 | 0.000 | 96 | 331247 | 40.0 | 40.0 | |
| 68 2,4-Dinitrophenol | 184 | 5.812 | 5.800 | 0.012 | 69 | 3167 | 4.00 | 4.12 | |
| 70 2,4-Dinitrotoluene | 165 | 5.914 | 5.912 | 0.002 | 72 | 6350 | 2.00 | 1.93 | a |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.269 | 6.276 | -0.007 | 70 | 6055 | 4.00 | 2.98 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.409 | 6.414 | -0.005 | 56 | 5120 | 2.00 | 1.91 | |
| 83 Hexachlorobenzene | 284 | 6.684 | 6.689 | -0.005 | 78 | 8773 | 2.00 | 1.95 | |
| 84 Atrazine | 200 | 6.789 | 6.798 | -0.009 | 65 | 5839 | 2.00 | 1.95 | |
| 85 Pentachlorophenol | 266 | 6.869 | 6.871 | -0.002 | 79 | 8430 | 4.00 | 3.18 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 88 Phenanthrene-d10 | 188 | 7.013 | 7.019 | -0.006 | 98 | 632922 | 40.0 | 40.0 | |
| 92 Di-n-butyl phthalate | 149 | 7.552 | 7.559 | -0.007 | 97 | 34342 | 2.00 | 1.89 | |
| $ 96 Terphenyl-d14 | 244 | 8.426 | 8.435 | -0.009 | 90 | 32597 | 2.00 | 1.98 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.361 | 9.371 | -0.010 | 76 | 11927 | 2.00 | 1.69 | |
| 101 Benzo[a]anthracene | 228 | 9.371 | 9.384 | -0.013 | 59 | 35555 | 2.00 | 1.96 | |
| * 102 Chrysene-d12 | 240 | 9.381 | 9.396 | -0.015 | 99 | 552805 | 40.0 | 40.0 | |
| 106 Benzo[b]fluoranthene | 252 | 10.450 | 10.461 | -0.011 | 95 | 33880 | 2.00 | 1.92 | |
| 107 Benzo[k]fluoranthene | 252 | 10.479 | 10.489 | -0.010 | 96 | 39231 | 2.00 | 2.07 | |
| 108 Benzo[a]pyrene | 252 | 10.773 | 10.787 | -0.014 | 93 | 30094 | 2.00 | 1.86 | |
| * 109 Perylene-d12 | 264 | 10.830 | 10.841 | -0.011 | 98 | 640082 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.951 | 11.959 | -0.008 | 92 | 39660 | 2.00 | 1.85 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.964 | 11.979 | -0.015 | 85 | 34987 | 2.00 | 1.97 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.258 | 12.270 | -0.012 | 81 | 29120 | 2.00 | 1.80 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

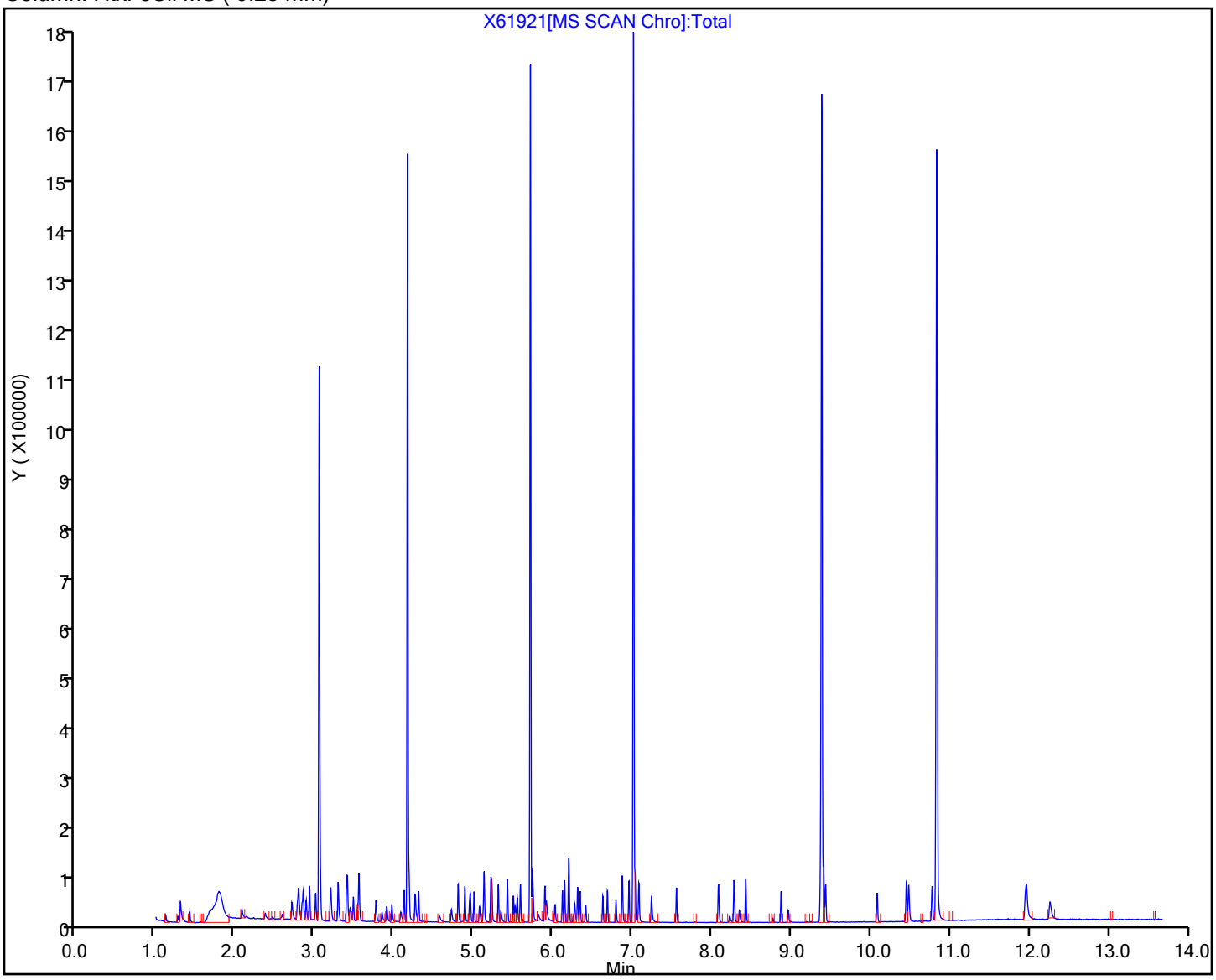
## Reagents:

SV_BNA_L3_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61921.d
Injection Date: 04-Feb-2025 07:56:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

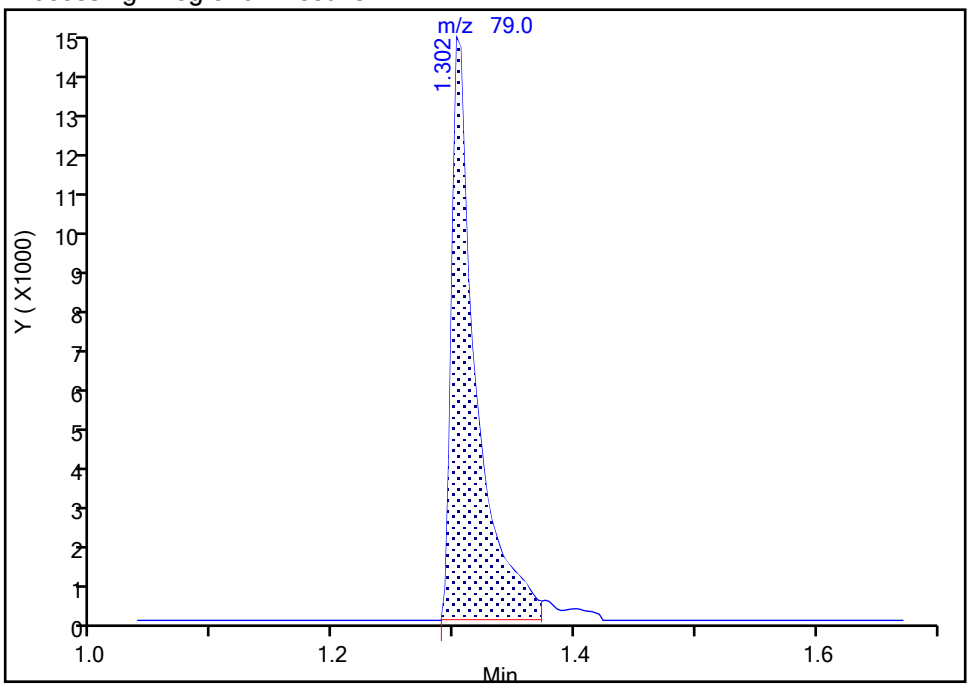
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61921.d
Injection Date: 04-Feb-2025 07:56:30 Instrument ID: CBNAMS5
Lims ID: STD2
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 3 Pyridine, CAS: 110-86-1

Signal: 1

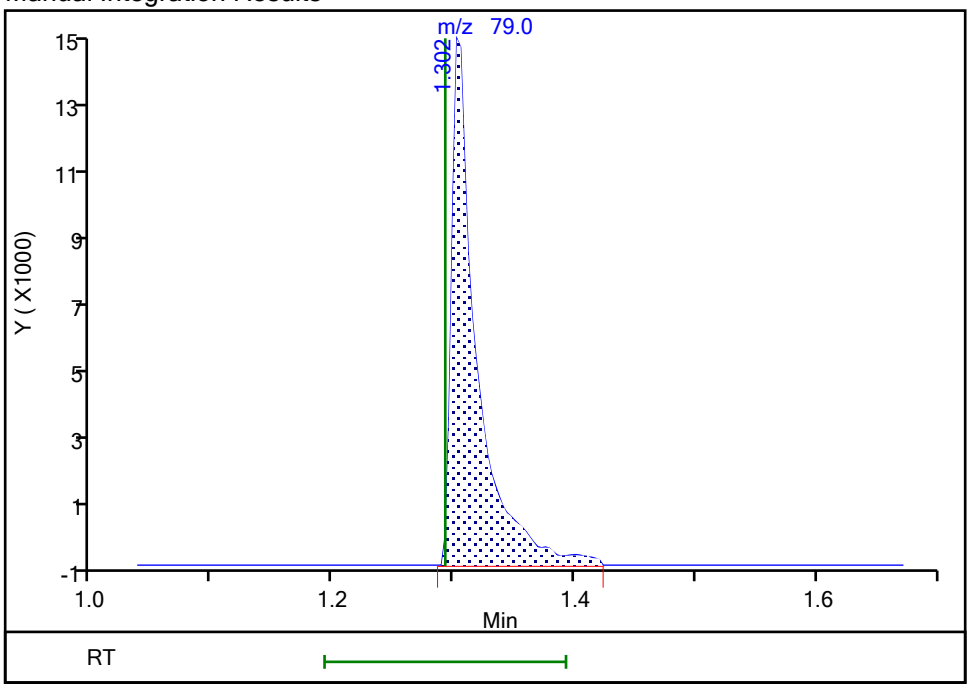
Processing Integration Results

RT: 1.30
Area: 20054
Amount: 3.851189
Amount Units: ug/ml




Manual Integration Results

RT: 1.30
Area: 20883
Amount: 3.991439
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:12:23 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

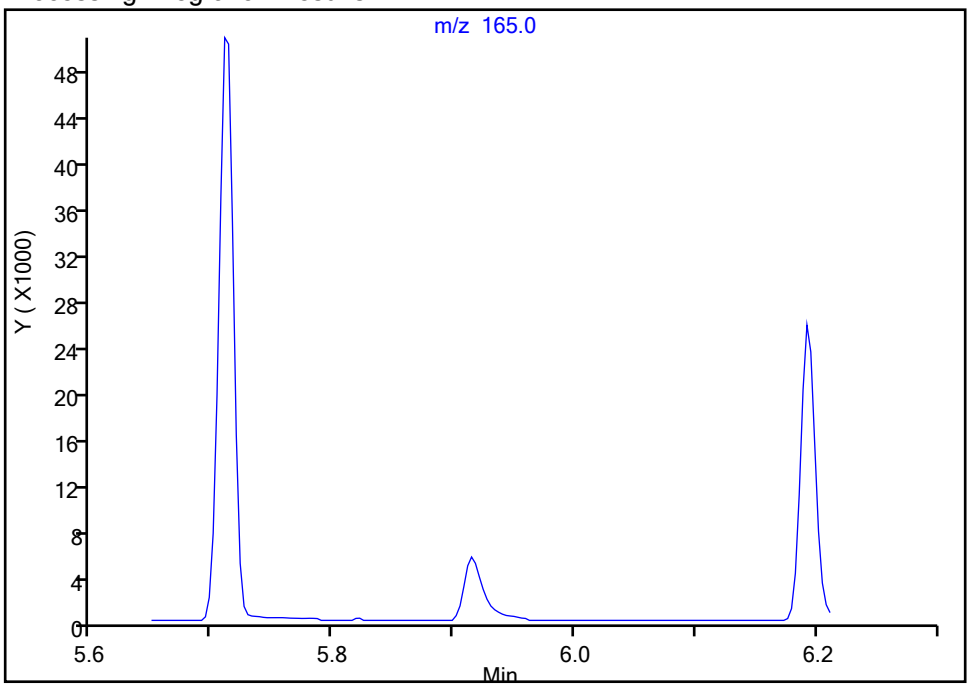
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61921.d | | | | |
| Injection Date: | 04-Feb-2025 07:56:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD2 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 8 | Worklist Smp#: | 8 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

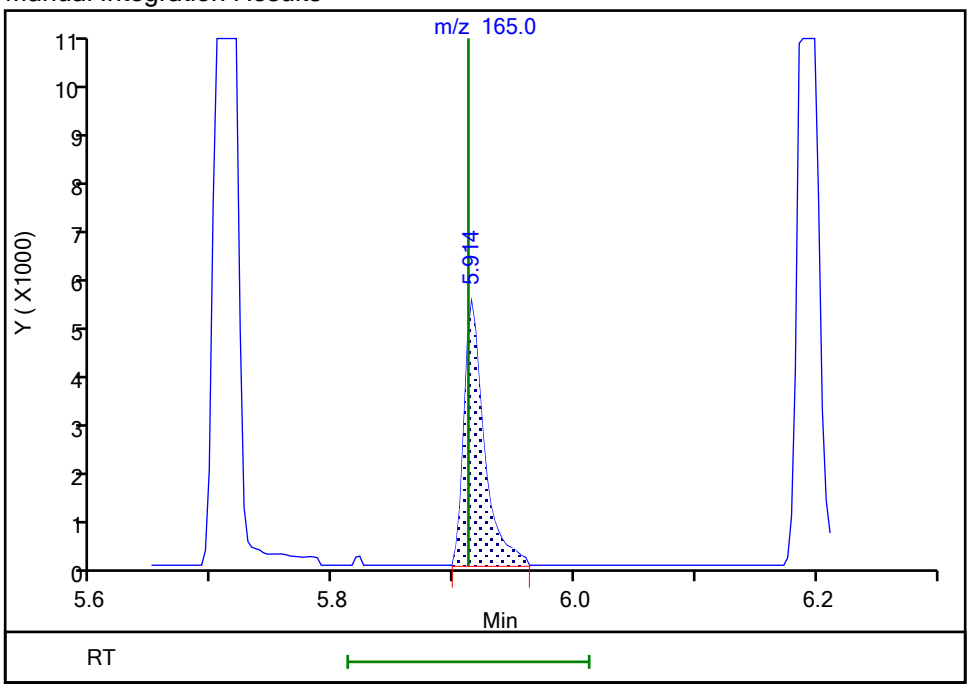
Not Detected
Expected RT: 5.91

Processing Integration Results




Manual Integration Results

RT: 5.91
Area: 6350
Amount: 1.934776
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:11:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61922.d
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 04-Feb-2025 08:15:30 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-009
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:43 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 08:33:46

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.117 | 1.114 | 0.003 | 86 | 2202 | 1.00 | 1.01 | |
| 3 Pyridine | 79 | 1.309 | 1.293 | 0.016 | 92 | 10372 | 2.00 | 1.99 | |
| $ 4 2-Fluorophenol | 112 | 2.084 | 2.065 | 0.019 | 51 | 4457 | 1.00 | 0.8596 | M |
| 5 Benzaldehyde | 77 | 2.712 | 2.700 | 0.012 | 78 | 4633 | 1.00 | 1.00 | |
| $ 6 Phenol-d5 | 99 | 2.779 | 2.776 | 0.003 | 86 | 6151 | 1.00 | 0.9119 | |
| 8 Aniline | 93 | 2.798 | 2.789 | 0.009 | 75 | 6782 | 1.00 | 0.9263 | |
| 9 Bis(2-chloroethyl)ether | 93 | 2.837 | 2.840 | -0.003 | 71 | 5751 | 1.00 | 1.07 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 96 | 167903 | 40.0 | 40.0 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.411 | 3.415 | -0.004 | 58 | 3296 | 1.00 | 0.9139 | |
| 25 Hexachloroethane | 117 | 3.481 | 3.482 | -0.001 | 80 | 2290 | 1.00 | 0.9705 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.539 | 3.537 | 0.002 | 69 | 5863 | 1.00 | 0.9587 | |
| 28 Nitrobenzene | 123 | 3.558 | 3.556 | 0.002 | 76 | 2512 | 1.00 | 0.9576 | |
| 27 n,n'-Dimethylaniline | 120 | 3.555 | 3.559 | -0.004 | 82 | 8008 | 1.00 | 0.9590 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.123 | 4.121 | 0.002 | 69 | 5403 | 1.00 | 1.03 | |
| * 38 Naphthalene-d8 | 136 | 4.164 | 4.166 | -0.002 | 99 | 636899 | 40.0 | 40.0 | |
| 41 Hexachlorobutadiene | 225 | 4.305 | 4.307 | -0.002 | 79 | 3343 | 1.00 | 1.05 | |
| 42 Caprolactam | 55 | 4.576 | 4.664 | -0.088 | 53 | 1817 | 1.00 | 0.7510 | a |
| $ 51 2-Fluorobiphenyl | 172 | 5.131 | 5.131 | 0.000 | 89 | 12189 | 1.00 | 0.9674 | |
| 60 2,6-Dinitrotoluene | 165 | 5.553 | 5.553 | 0.000 | 37 | 2291 | 1.00 | 0.9267 | |
| * 65 Acenaphthene-d10 | 164 | 5.712 | 5.713 | -0.001 | 96 | 335533 | 40.0 | 40.0 | |
| 70 2,4-Dinitrotoluene | 165 | 5.923 | 5.912 | 0.011 | 53 | 2728 | 1.00 | 0.8206 | a |
| $ 80 2,4,6-Tribromophenol | 330 | 6.414 | 6.414 | 0.000 | 8 | 2297 | 1.00 | 0.8455 | |
| 83 Hexachlorobenzene | 284 | 6.682 | 6.689 | -0.007 | 62 | 4639 | 1.00 | 1.03 | |
| 84 Atrazine | 200 | 6.794 | 6.798 | -0.004 | 40 | 2714 | 1.00 | 0.9075 | |
| * 88 Phenanthrene-d10 | 188 | 7.011 | 7.019 | -0.008 | 99 | 632520 | 40.0 | 40.0 | |
| $ 96 Terphenyl-d14 | 244 | 8.428 | 8.435 | -0.007 | 79 | 15526 | 1.00 | 0.9258 | |
| 101 Benzo[a]anthracene | 228 | 9.372 | 9.384 | -0.012 | 50 | 18443 | 1.00 | 1.00 | |
| * 102 Chrysene-d12 | 240 | 9.382 | 9.396 | -0.014 | 99 | 564319 | 40.0 | 40.0 | |
| 106 Benzo[b]fluoranthene | 252 | 10.451 | 10.461 | -0.010 | 89 | 15974 | 1.00 | 0.8977 | |
| 107 Benzo[k]fluoranthene | 252 | 10.480 | 10.489 | -0.009 | 87 | 18077 | 1.00 | 0.9495 | |
| 108 Benzo[a]pyrene | 252 | 10.774 | 10.787 | -0.013 | 91 | 14780 | 1.00 | 0.9059 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 109 Perylene-d12 | 264 | 10.828 | 10.841 | -0.013 | 98 | 644400 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.955 | 11.959 | -0.004 | 93 | 19384 | 1.00 | 0.8962 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.968 | 11.979 | -0.011 | 80 | 16608 | 1.00 | 0.9279 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.265 | 12.270 | -0.005 | 78 | 14596 | 1.00 | 0.8964 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SV_BNA_L2_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61922.d

Injection Date: 04-Feb-2025 08:15:30 Instrument ID: CBNAMS5

Lims ID: STD1

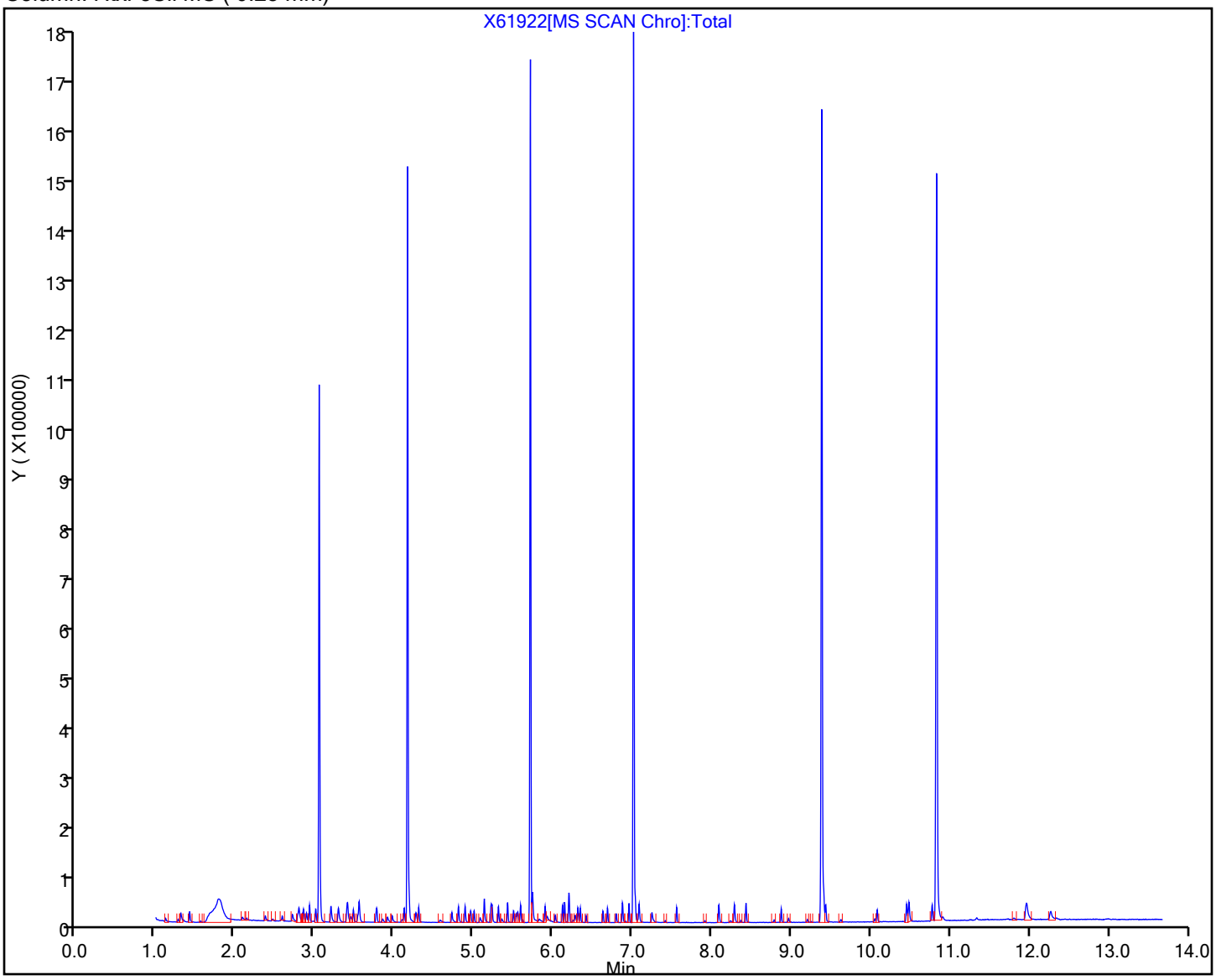
Client ID:

Operator ID: ALS Bottle#: 9 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

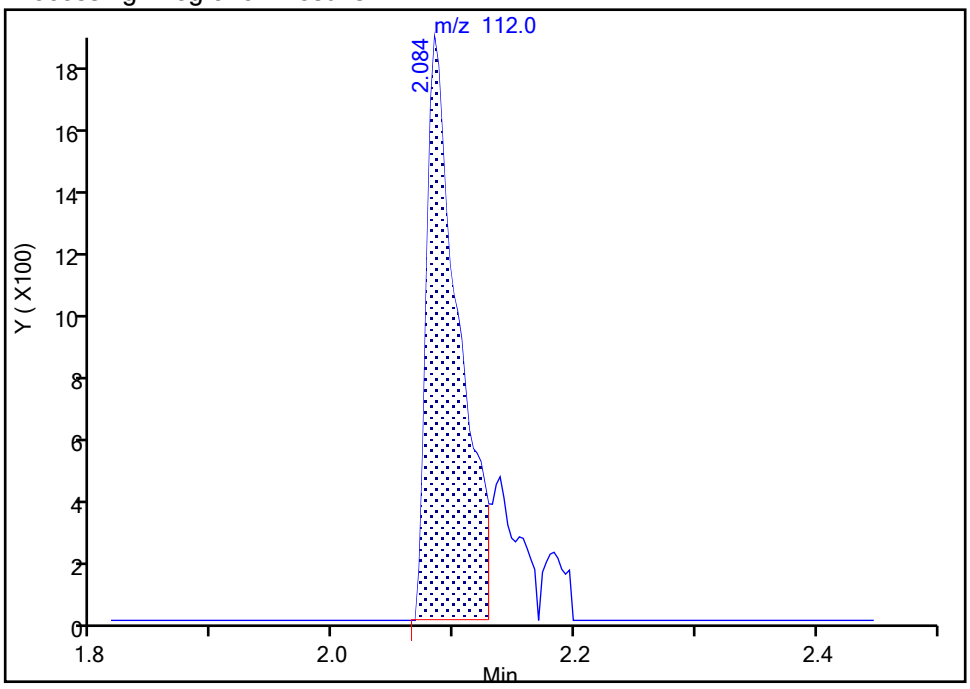
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61922.d
Injection Date: 04-Feb-2025 08:15:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## $ 4 2-Fluorophenol, CAS: 367-12-4

Signal: 1

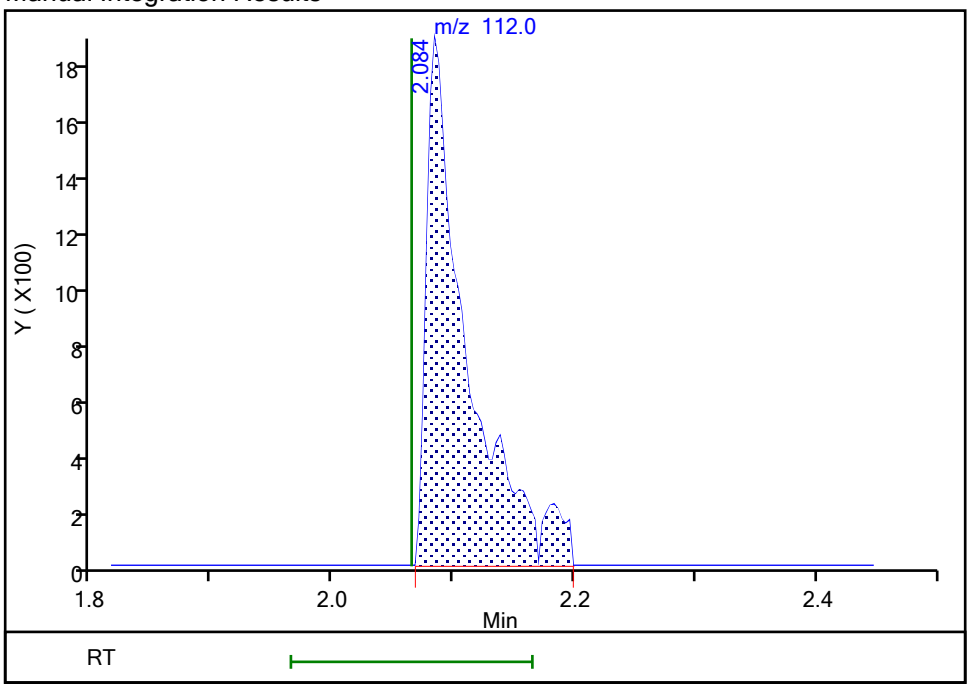
Processing Integration Results

RT: 2.08
Area: 3478
Amount: 0.687035
Amount Units: ug/ml




Manual Integration Results

RT: 2.08
Area: 4457
Amount: 0.859644
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:33:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

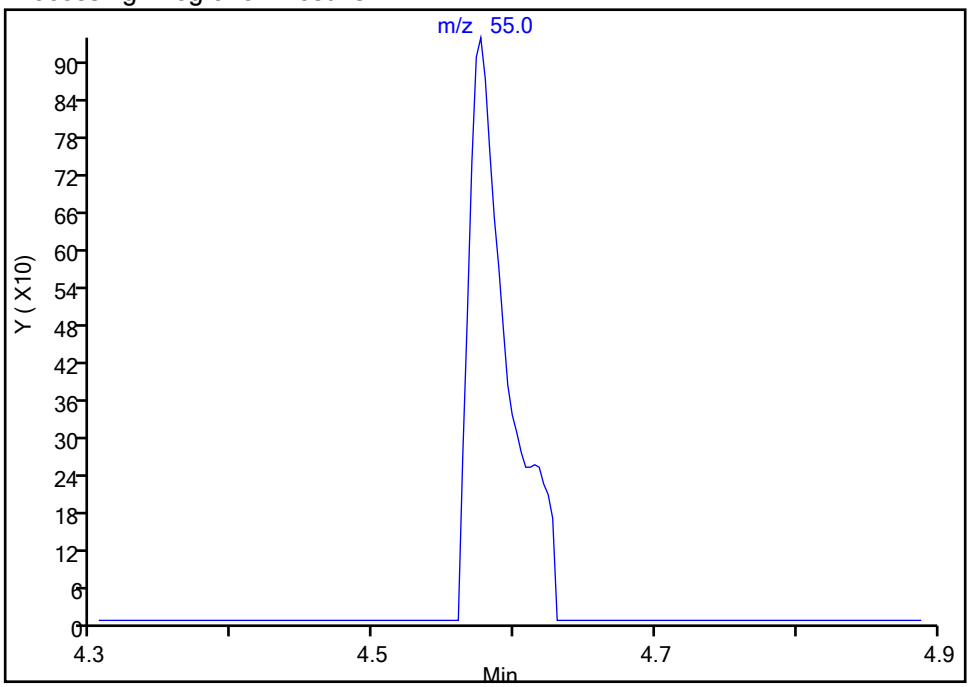
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61922.d
Injection Date: 04-Feb-2025 08:15:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

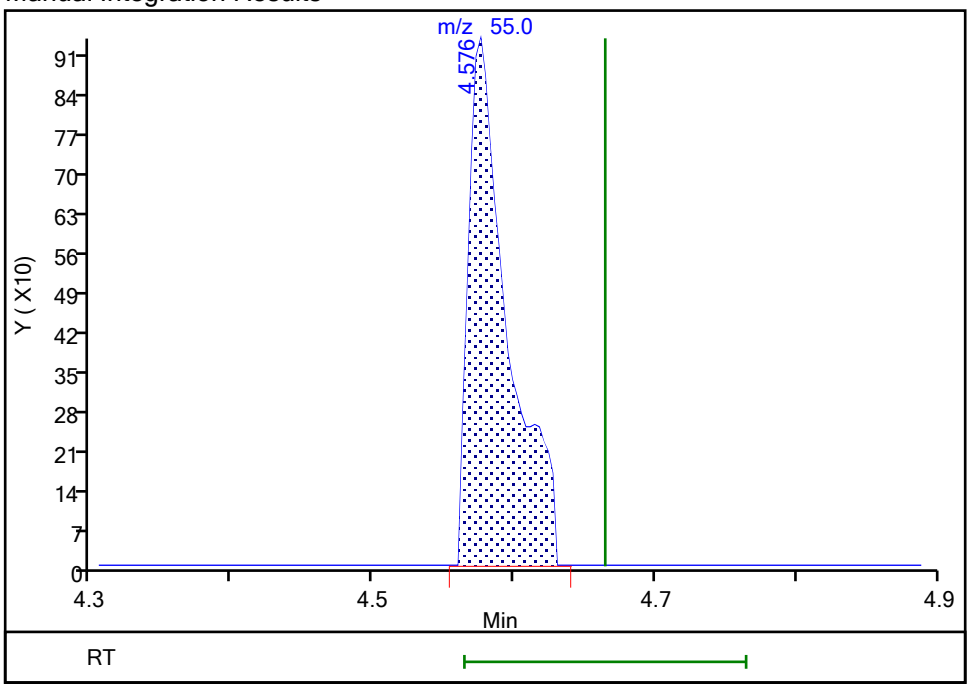
Not Detected
Expected RT: 4.66

Processing Integration Results




Manual Integration Results

RT: 4.58
Area: 1817
Amount: 0.751003
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:33:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

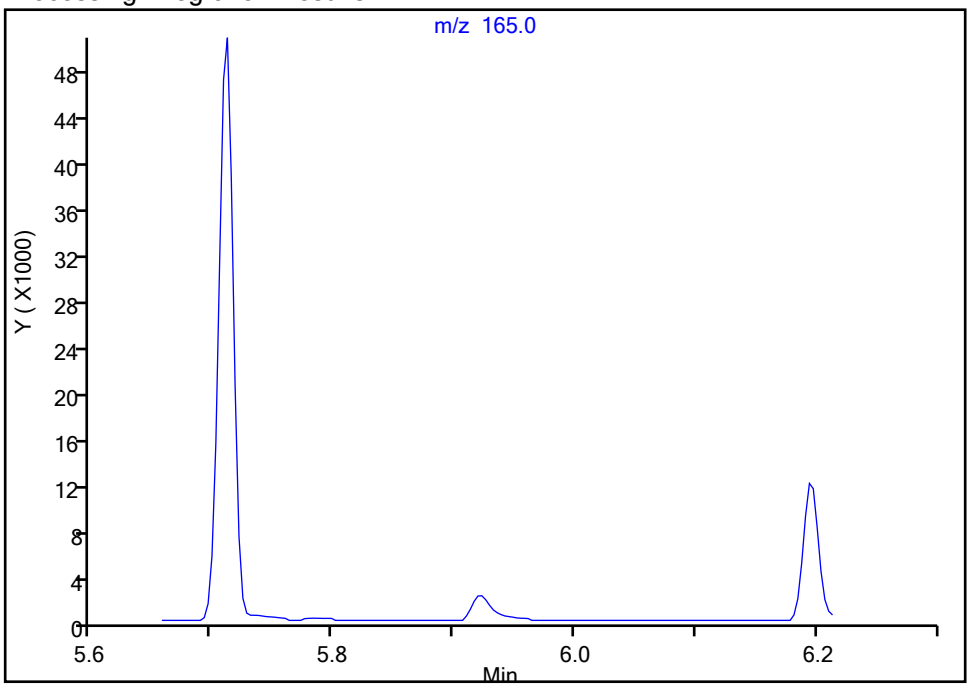
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61922.d
Injection Date: 04-Feb-2025 08:15:30 Instrument ID: CBNAMS5
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 70 2,4-Dinitrotoluene, CAS: 121-14-2

Signal: 1

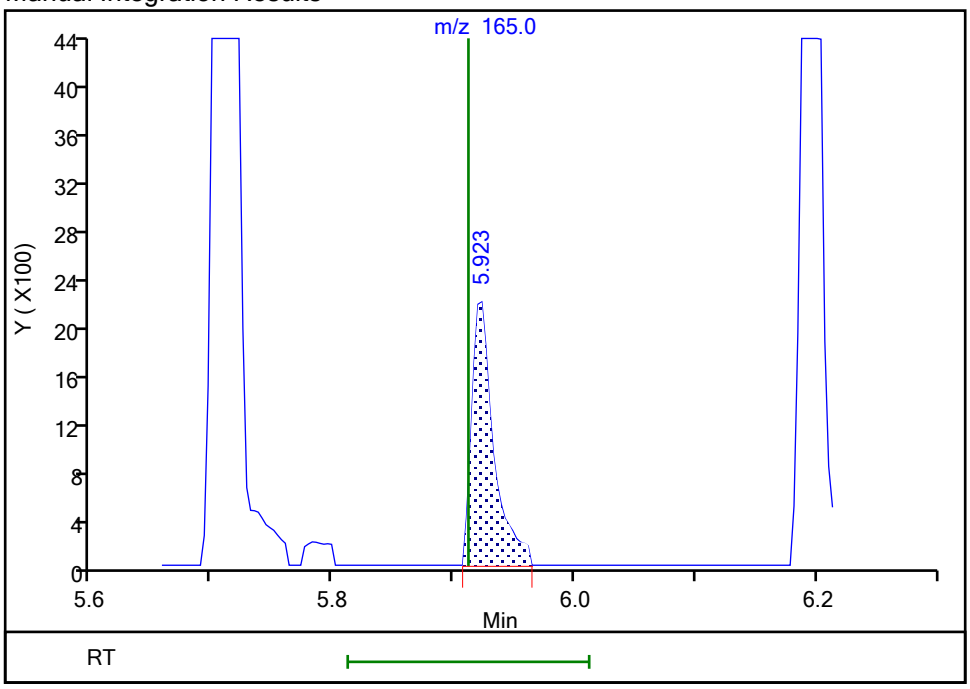
Not Detected
Expected RT: 5.91

Processing Integration Results




Manual Integration Results

RT: 5.92
Area: 2728
Amount: 0.820575
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:33:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 04-Feb-2025 08:34:30 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-010
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:02:45 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 08:50:01

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.117 | 1.114 | 0.003 | 60 | 1137 | 0.5000 | 0.5246 | |
| $ 6 Phenol-d5 | 99 | 2.789 | 2.776 | 0.013 | 43 | 2703 | 0.5000 | 0.4012 | Ma |
| 8 Aniline | 93 | 2.805 | 2.789 | 0.016 | 59 | 2904 | 0.5000 | 0.3971 | |
| 9 Bis(2-chloroethyl)ether | 93 | 2.843 | 2.840 | 0.003 | 57 | 2564 | 0.5000 | 0.4773 | M |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.050 | 3.051 | -0.001 | 96 | 167715 | 40.0 | 40.0 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.414 | 3.415 | -0.001 | 44 | 1293 | 0.5000 | 0.3589 | a |
| 25 Hexachloroethane | 117 | 3.481 | 3.482 | -0.001 | 71 | 1122 | 0.5000 | 0.4761 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.548 | 3.537 | 0.011 | 39 | 2898 | 0.5000 | 0.4743 | |
| 28 Nitrobenzene | 123 | 3.567 | 3.556 | 0.011 | 53 | 1025 | 0.5000 | 0.3912 | |
| 27 n,n'-Dimethylaniline | 120 | 3.555 | 3.559 | -0.004 | 63 | 3967 | 0.5000 | 0.4756 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.122 | 4.121 | 0.001 | 47 | 2526 | 0.5000 | 0.4797 | |
| * 38 Naphthalene-d8 | 136 | 4.164 | 4.166 | -0.002 | 99 | 636338 | 40.0 | 40.0 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.134 | 5.131 | 0.003 | 67 | 5714 | 0.5000 | 0.4621 | |
| * 65 Acenaphthene-d10 | 164 | 5.711 | 5.713 | -0.002 | 96 | 329261 | 40.0 | 40.0 | |
| 83 Hexachlorobenzene | 284 | 6.685 | 6.689 | -0.004 | 30 | 2108 | 0.5000 | 0.4741 | |
| * 88 Phenanthrene-d10 | 188 | 7.010 | 7.019 | -0.009 | 99 | 626822 | 40.0 | 40.0 | |
| $ 96 Terphenyl-d14 | 244 | 8.433 | 8.435 | -0.002 | 35 | 7047 | 0.5000 | 0.4281 | |
| 101 Benzo[a]anthracene | 228 | 9.374 | 9.384 | -0.010 | 40 | 8821 | 0.5000 | 0.4861 | |
| * 102 Chrysene-d12 | 240 | 9.384 | 9.396 | -0.012 | 99 | 553886 | 40.0 | 40.0 | |
| 106 Benzo[b]fluoranthene | 252 | 10.456 | 10.461 | -0.005 | 78 | 7332 | 0.5000 | 0.4165 | |
| 107 Benzo[k]fluoranthene | 252 | 10.485 | 10.489 | -0.004 | 60 | 9173 | 0.5000 | 0.4870 | |
| 108 Benzo[a]pyrene | 252 | 10.775 | 10.787 | -0.012 | 81 | 7019 | 0.5000 | 0.4348 | |
| * 109 Perylene-d12 | 264 | 10.830 | 10.841 | -0.011 | 98 | 637581 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.966 | 11.959 | 0.007 | 74 | 8667 | 0.5000 | 0.4050 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.979 | 11.979 | 0.000 | 62 | 7161 | 0.5000 | 0.4044 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.273 | 12.270 | 0.003 | 57 | 7156 | 0.5000 | 0.4442 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

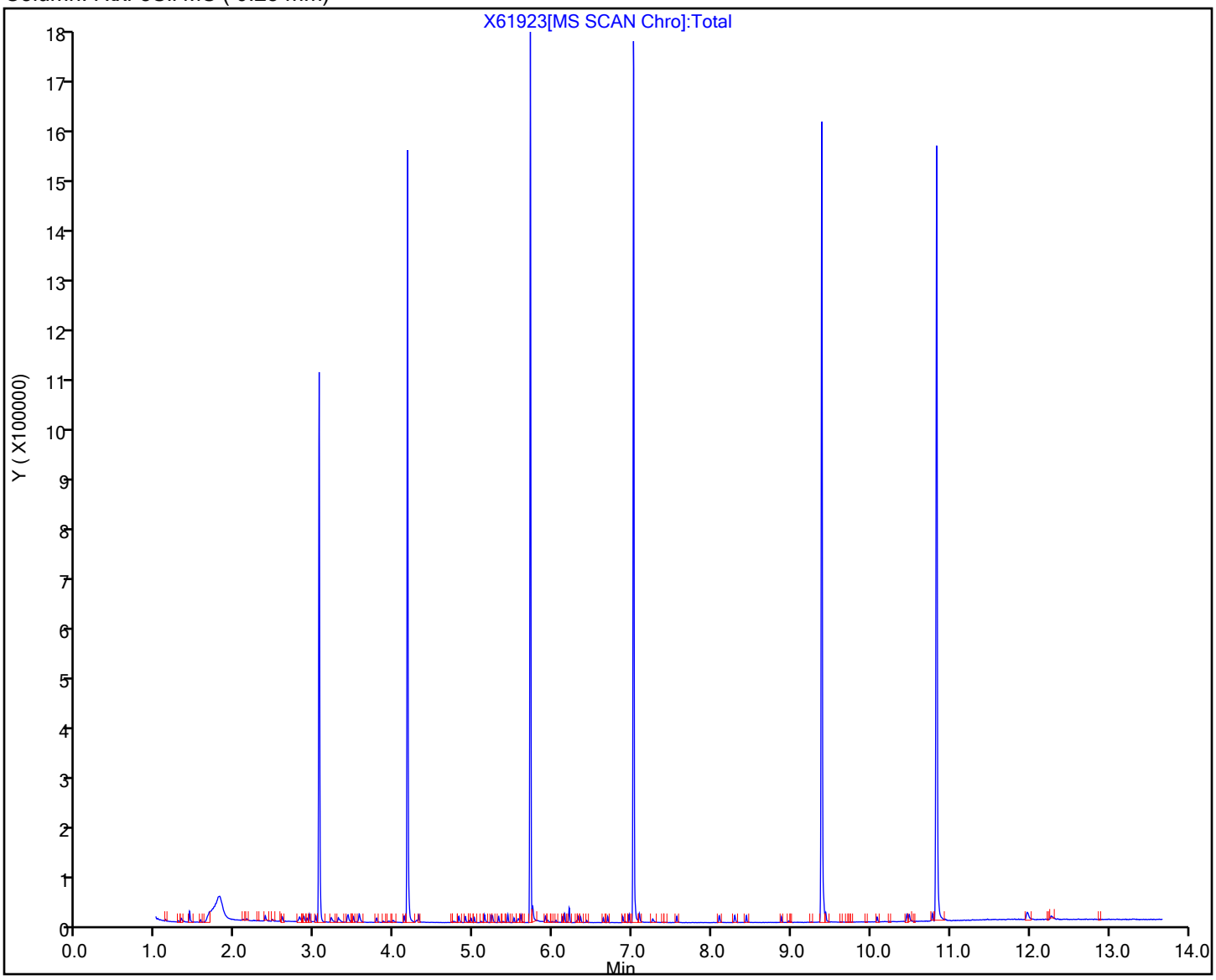
## Reagents:

SV_BNA_L1_00006 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:02:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d
Injection Date: 04-Feb-2025 08:34:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

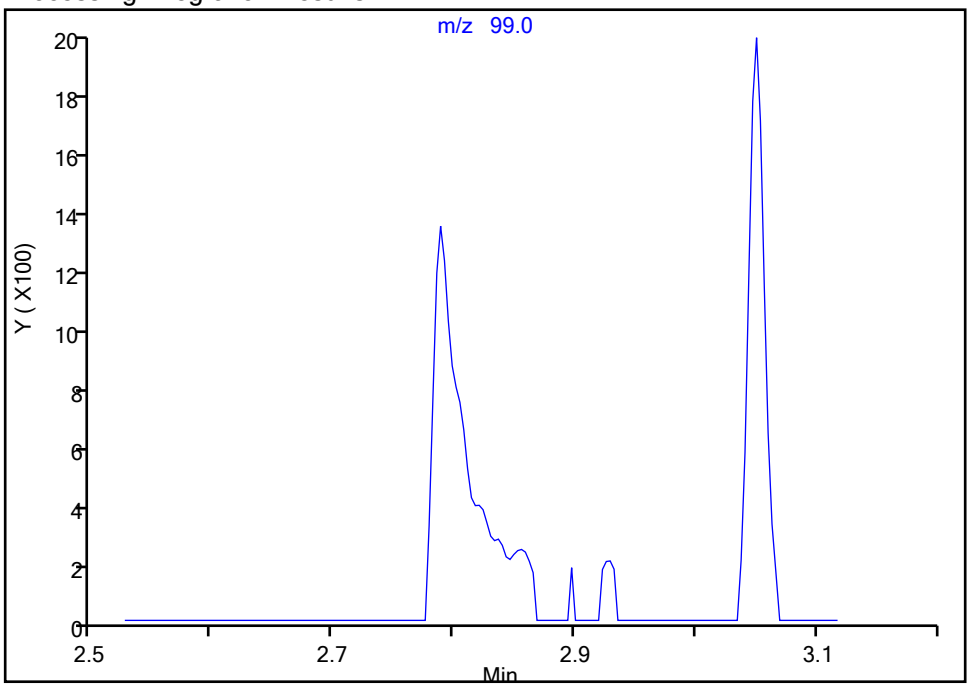
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d | | | | |
| Injection Date: | 04-Feb-2025 08:34:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD05 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## $ 6 Phenol-d5, CAS: 4165-62-2

Signal: 1

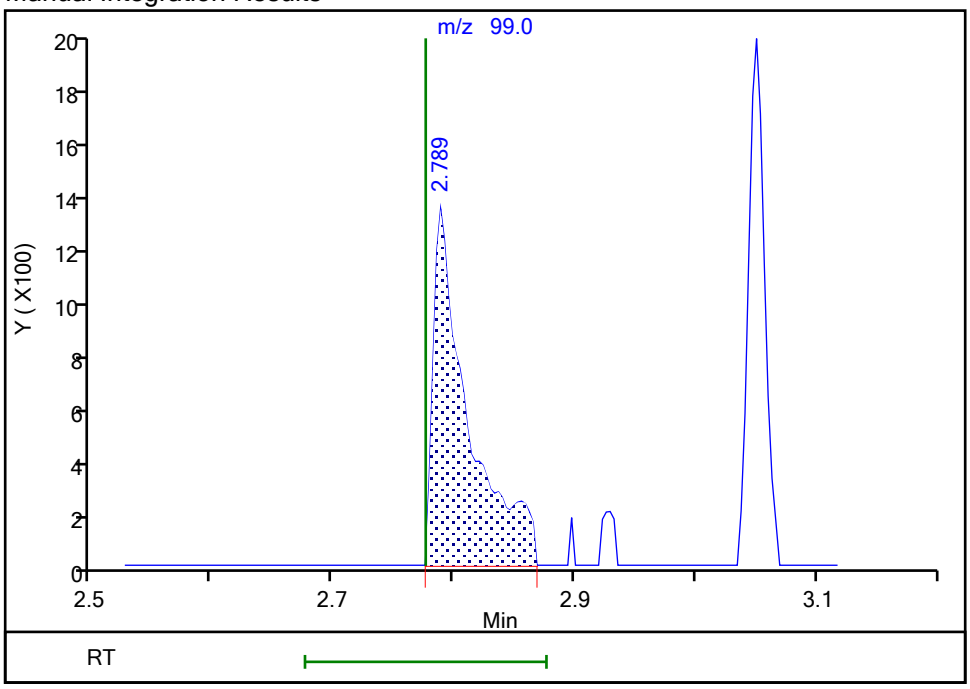
Not Detected
Expected RT: 2.78

Processing Integration Results




Manual Integration Results

RT: 2.79
Area: 2703
Amount: 0.401176
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:49:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

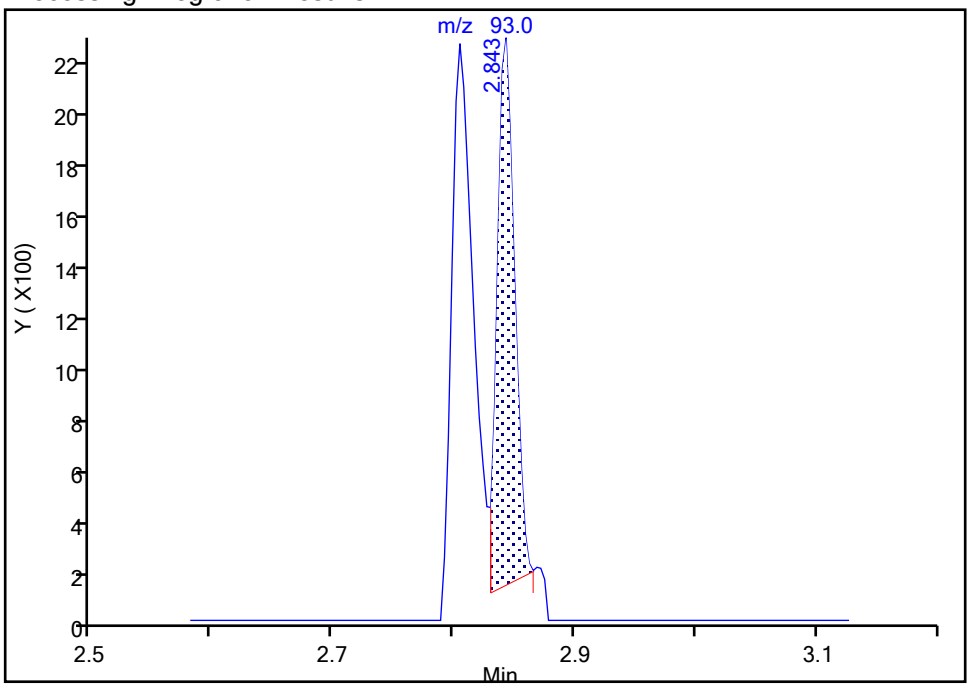
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d | | | | |
| Injection Date: | 04-Feb-2025 08:34:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | STD05 | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 9 Bis(2-chloroethyl)ether, CAS: 111-44-4

Signal: 1

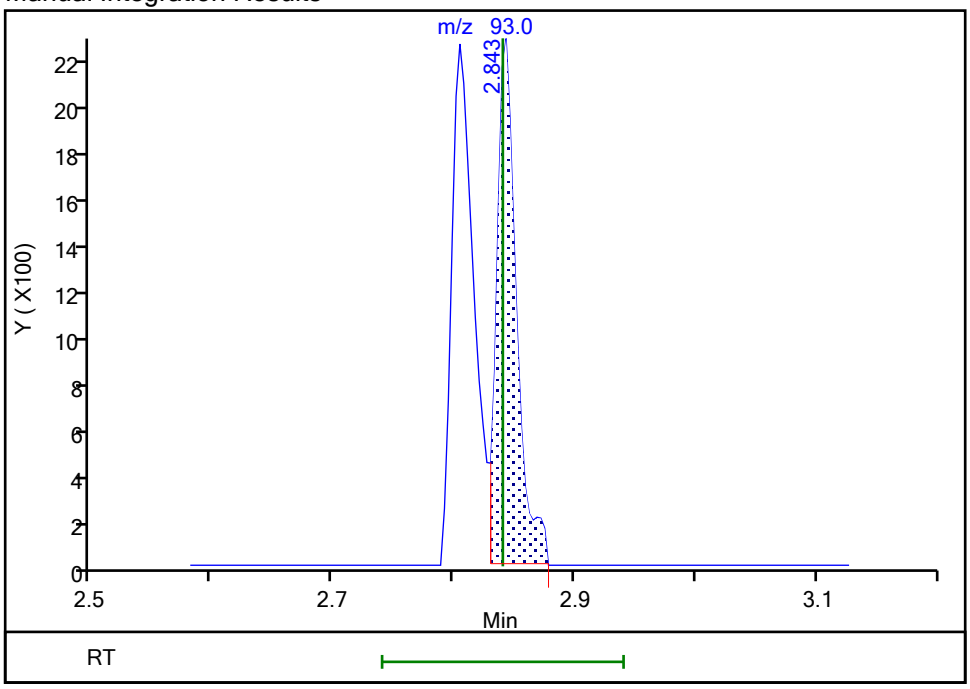
Processing Integration Results

RT: 2.84
Area: 2122
Amount: 0.402417
Amount Units: ug/ml




Manual Integration Results

RT: 2.84
Area: 2564
Amount: 0.477346
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:49:59 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

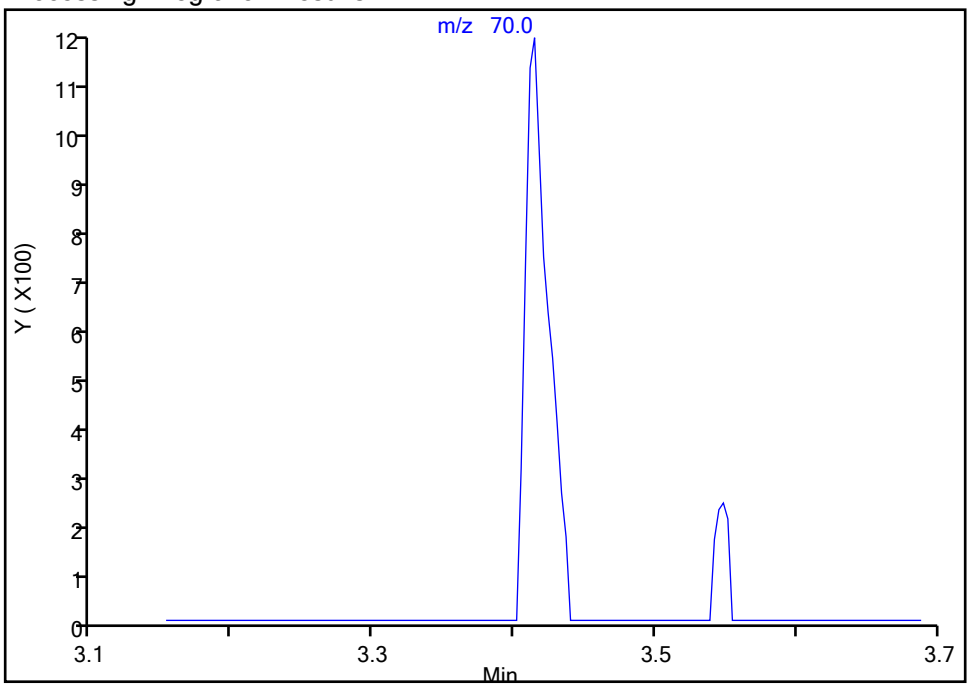
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d
Injection Date: 04-Feb-2025 08:34:30 Instrument ID: CBNAMS5
Lims ID: STD05
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 22 N-Nitrosodi-n-propylamine, CAS: 621-64-7

Signal: 1

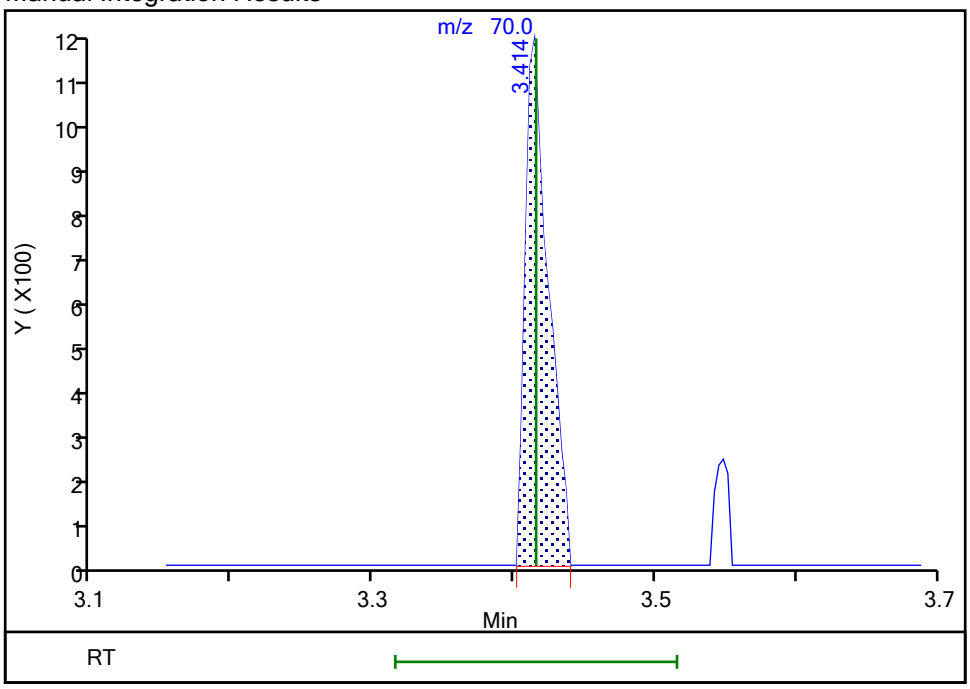
Not Detected
Expected RT: 3.42

Processing Integration Results




Manual Integration Results

RT: 3.41
Area: 1293
Amount: 0.358901
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 08:49:32 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

## Calibration / 1,4-Dioxane

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

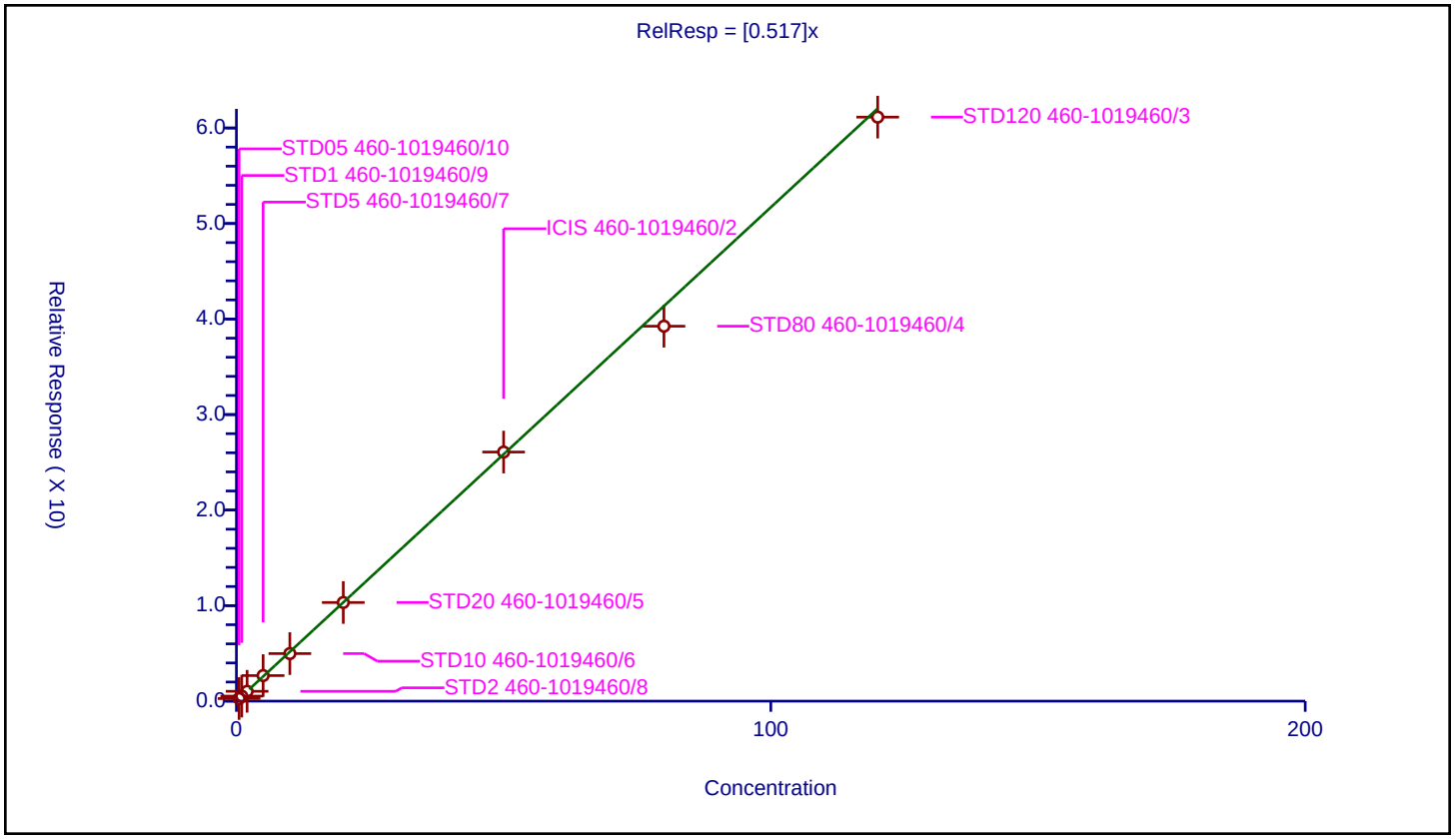
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.517 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.271174 | 40.0 | 167715.0 | 0.542349 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.524589 | 40.0 | 167903.0 | 0.524589 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.02945 | 40.0 | 168284.0 | 0.514725 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 2.675544 | 40.0 | 202172.0 | 0.535109 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 4.979076 | 40.0 | 164167.0 | 0.497908 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 10.326471 | 40.0 | 163200.0 | 0.516324 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 26.077723 | 40.0 | 159902.0 | 0.521554 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 39.25089 | 40.0 | 165690.0 | 0.490636 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 61.137663 | 40.0 | 160610.0 | 0.509481 | Y |



## Calibration / N-Nitrosodimethylamine

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

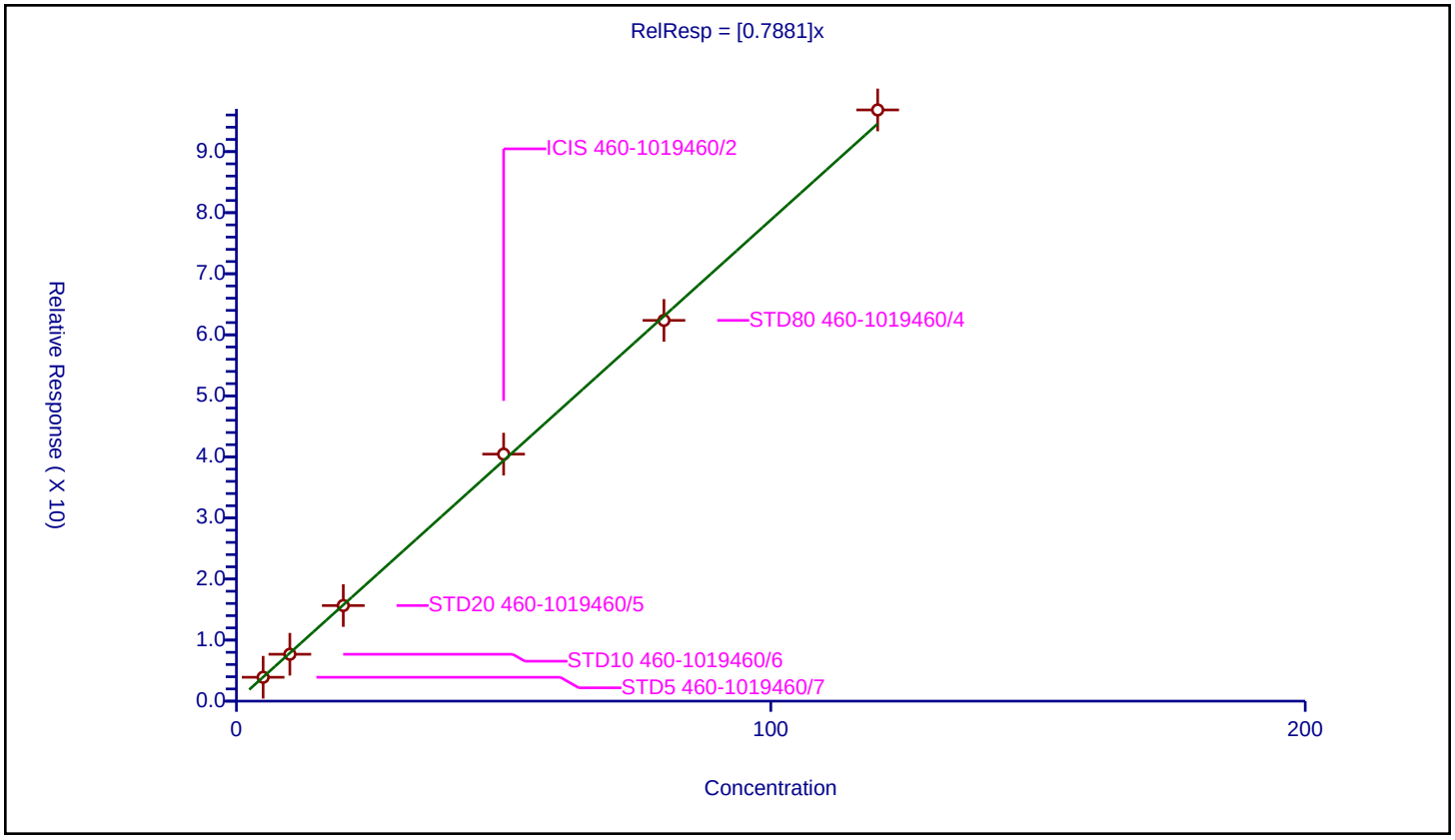
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7881 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.909542 | 40.0 | 202172.0 | 0.781908 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 7.680228 | 40.0 | 164167.0 | 0.768023 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 15.659804 | 40.0 | 163200.0 | 0.78299 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 40.455529 | 40.0 | 159902.0 | 0.809111 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 62.361277 | 40.0 | 165690.0 | 0.779516 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 96.83158 | 40.0 | 160610.0 | 0.80693 | Y |



## Calibration / Pyridine

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

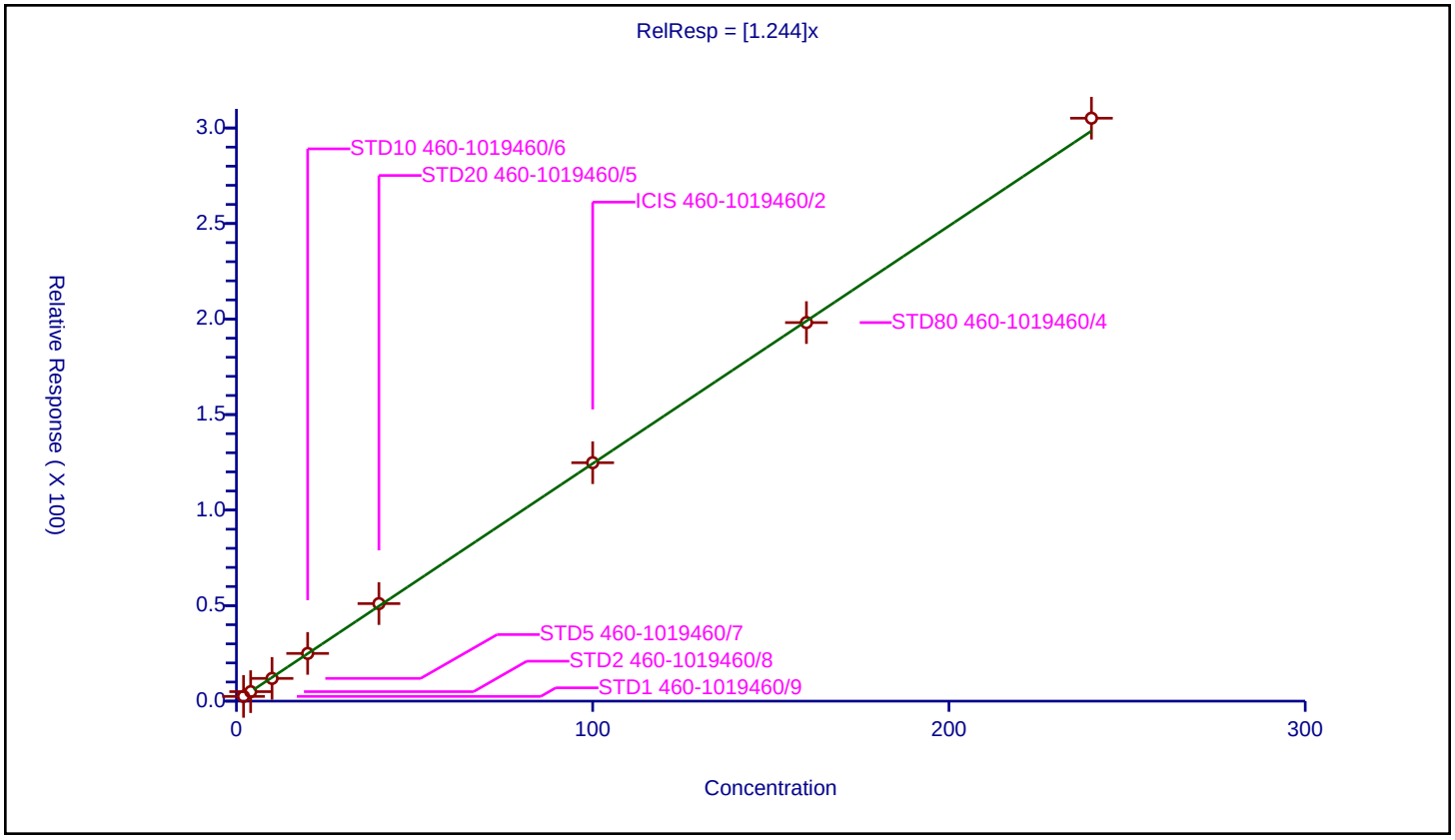
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.244 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 2.0 | 2.47095 | 40.0 | 167903.0 | 1.235475 | Y |
| 2 | STD2 460-1019460/8 | 4.0 | 4.963752 | 40.0 | 168284.0 | 1.240938 | Y |
| 3 | STD5 460-1019460/7 | 10.0 | 11.892052 | 40.0 | 202172.0 | 1.189205 | Y |
| 4 | STD10 460-1019460/6 | 20.0 | 24.979442 | 40.0 | 164167.0 | 1.248972 | Y |
| 5 | STD20 460-1019460/5 | 40.0 | 51.051961 | 40.0 | 163200.0 | 1.276299 | Y |
| 6 | ICIS 460-1019460/2 | 100.0 | 124.812448 | 40.0 | 159902.0 | 1.248124 | Y |
| 7 | STD80 460-1019460/4 | 160.0 | 198.145935 | 40.0 | 165690.0 | 1.238412 | Y |
| 8 | STD120 460-1019460/3 | 240.0 | 305.128697 | 40.0 | 160610.0 | 1.27137 | Y |



## Calibration / 2-Fluorophenol

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

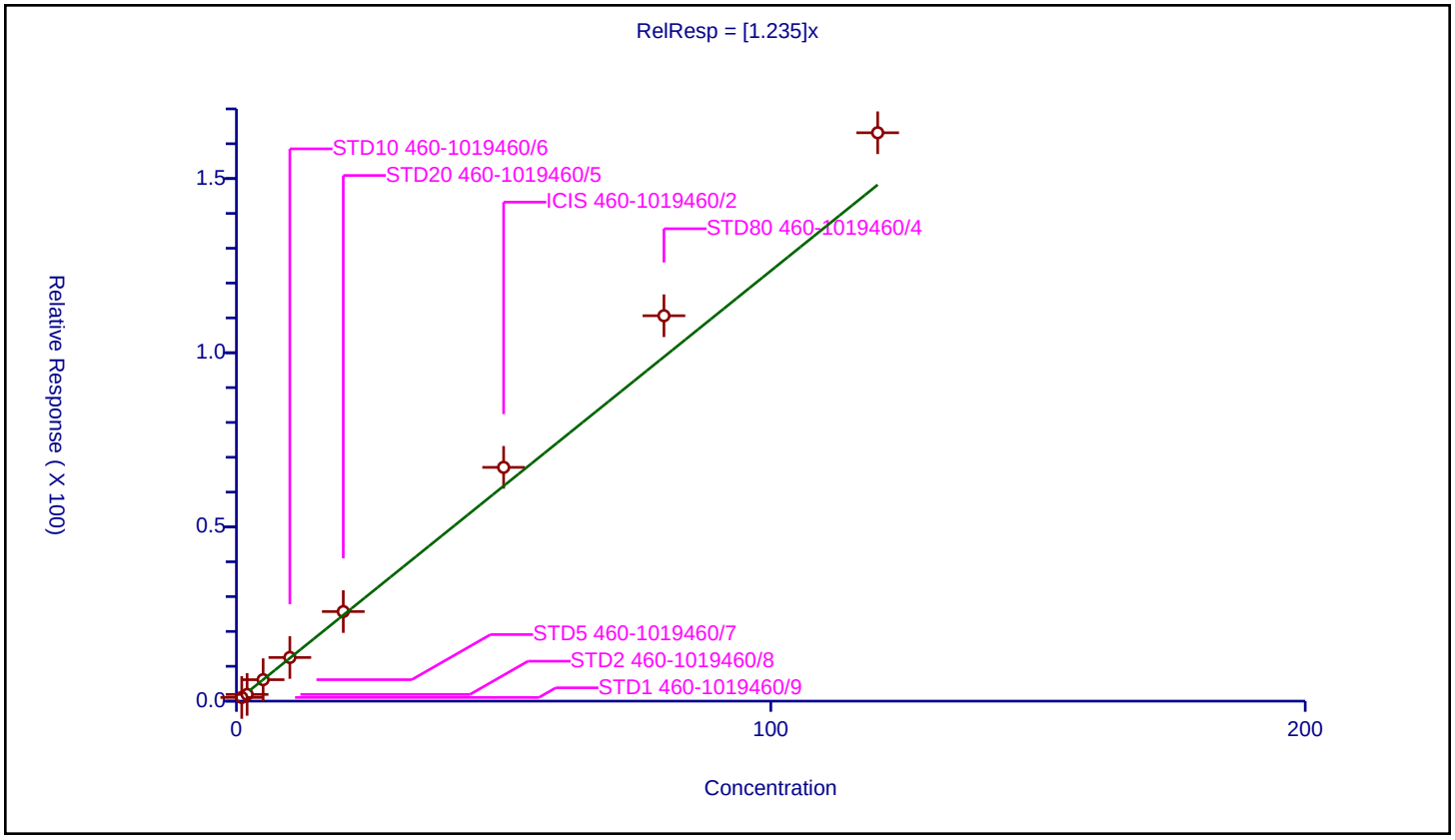
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.235 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 1.061804 | 40.0 | 167903.0 | 1.061804 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 1.928882 | 40.0 | 168284.0 | 0.964441 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 6.160497 | 40.0 | 202172.0 | 1.232099 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 12.527244 | 40.0 | 164167.0 | 1.252724 | Y |
| 5 | STD20 460-1019460/5 | 20.0 | 25.71299 | 40.0 | 163200.0 | 1.28565 | Y |
| 6 | ICIS 460-1019460/2 | 50.0 | 67.107353 | 40.0 | 159902.0 | 1.342147 | Y |
| 7 | STD80 460-1019460/4 | 80.0 | 110.630213 | 40.0 | 165690.0 | 1.382878 | Y |
| 8 | STD120 460-1019460/3 | 120.0 | 163.151485 | 40.0 | 160610.0 | 1.359596 | Y |



## Calibration / Benzaldehyde

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

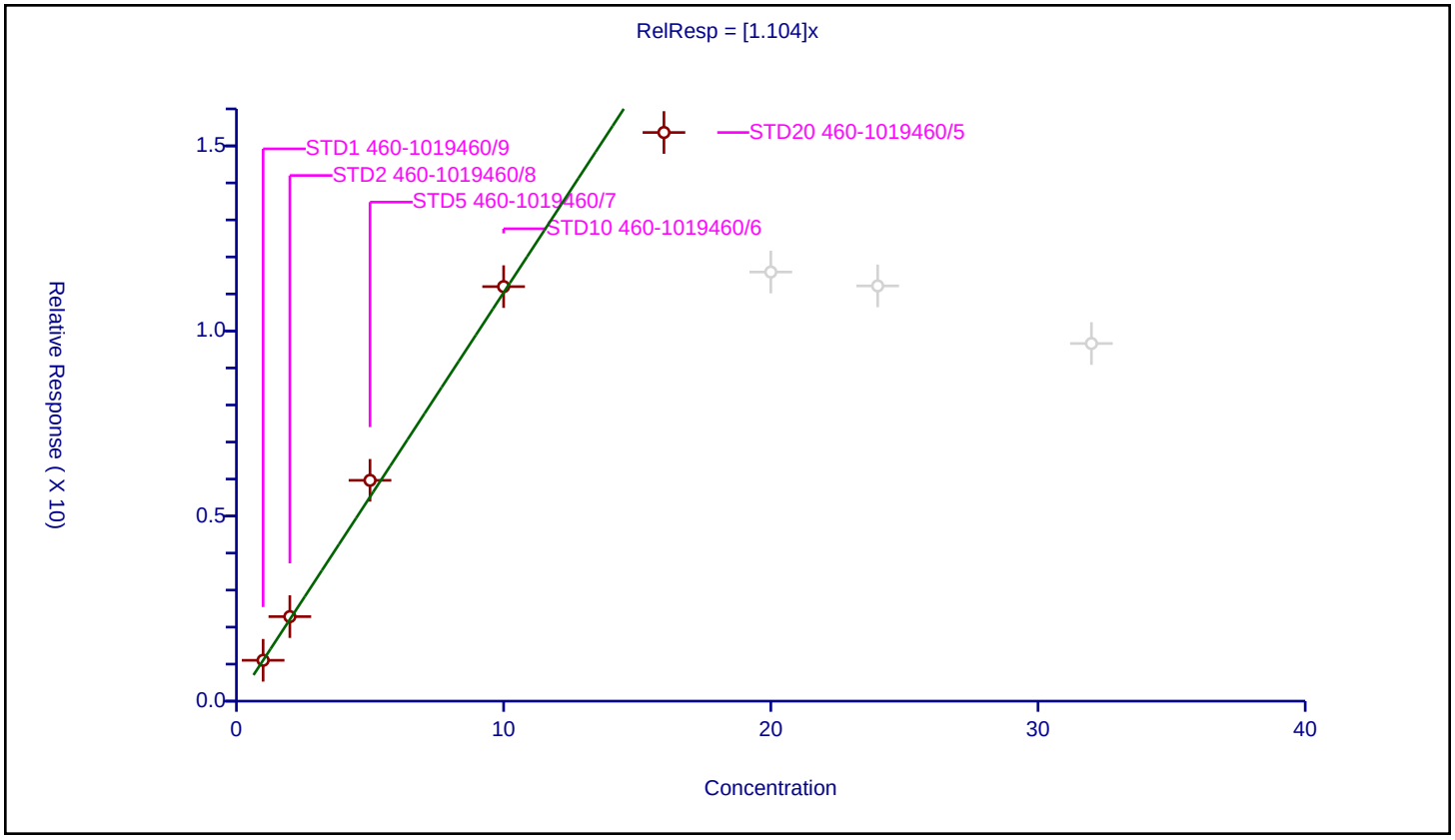
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.104 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 1.103733 | 40.0 | 167903.0 | 1.103733 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 2.283283 | 40.0 | 168284.0 | 1.141642 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 5.96502 | 40.0 | 202172.0 | 1.193004 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 11.198597 | 40.0 | 164167.0 | 1.11986 | Y |
| 5 | STD20 460-1019460/5 | 16.0 | 15.3625 | 40.0 | 163200.0 | 0.960156 | Y |
| 6 | ICIS 460-1019460/2 | 20.0 | 11.593101 | 40.0 | 159902.0 | 0.579655 | N |
| 7 | STD80 460-1019460/4 | 24.0 | 11.218058 | 40.0 | 165690.0 | 0.467419 | N |
| 8 | STD120 460-1019460/3 | 32.0 | 9.661914 | 40.0 | 160610.0 | 0.301935 | N |



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## Calibration / Phenol-d5

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

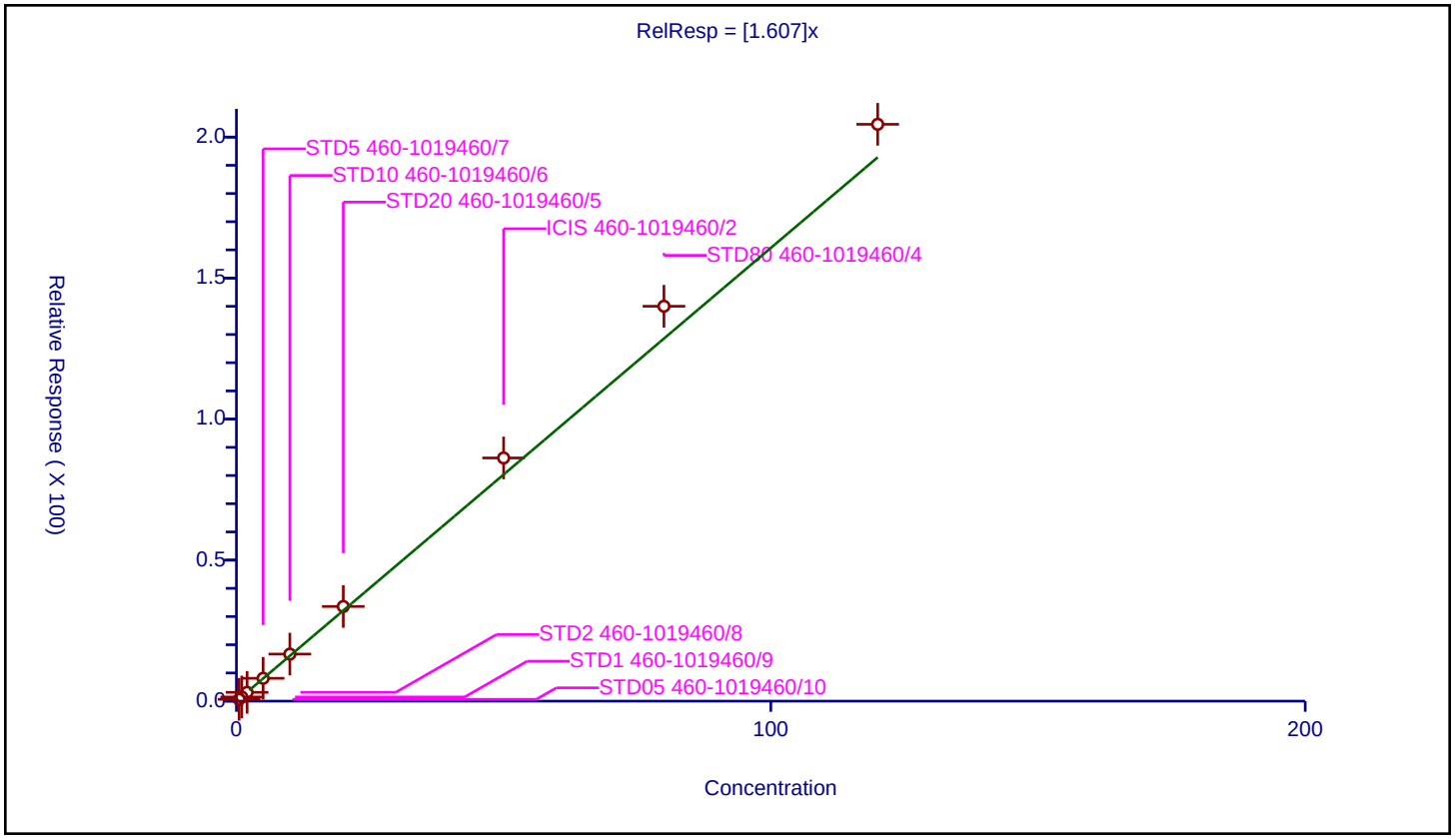
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.607 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.644665 | 40.0 | 167715.0 | 1.28933 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.46537 | 40.0 | 167903.0 | 1.46537 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 3.123054 | 40.0 | 168284.0 | 1.561527 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 8.102606 | 40.0 | 202172.0 | 1.620521 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 16.681063 | 40.0 | 164167.0 | 1.668106 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 33.564461 | 40.0 | 163200.0 | 1.678223 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 86.230566 | 40.0 | 159902.0 | 1.724611 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 140.024624 | 40.0 | 165690.0 | 1.750308 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 204.535459 | 40.0 | 160610.0 | 1.704462 | Y |



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## Calibration / Phenol

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

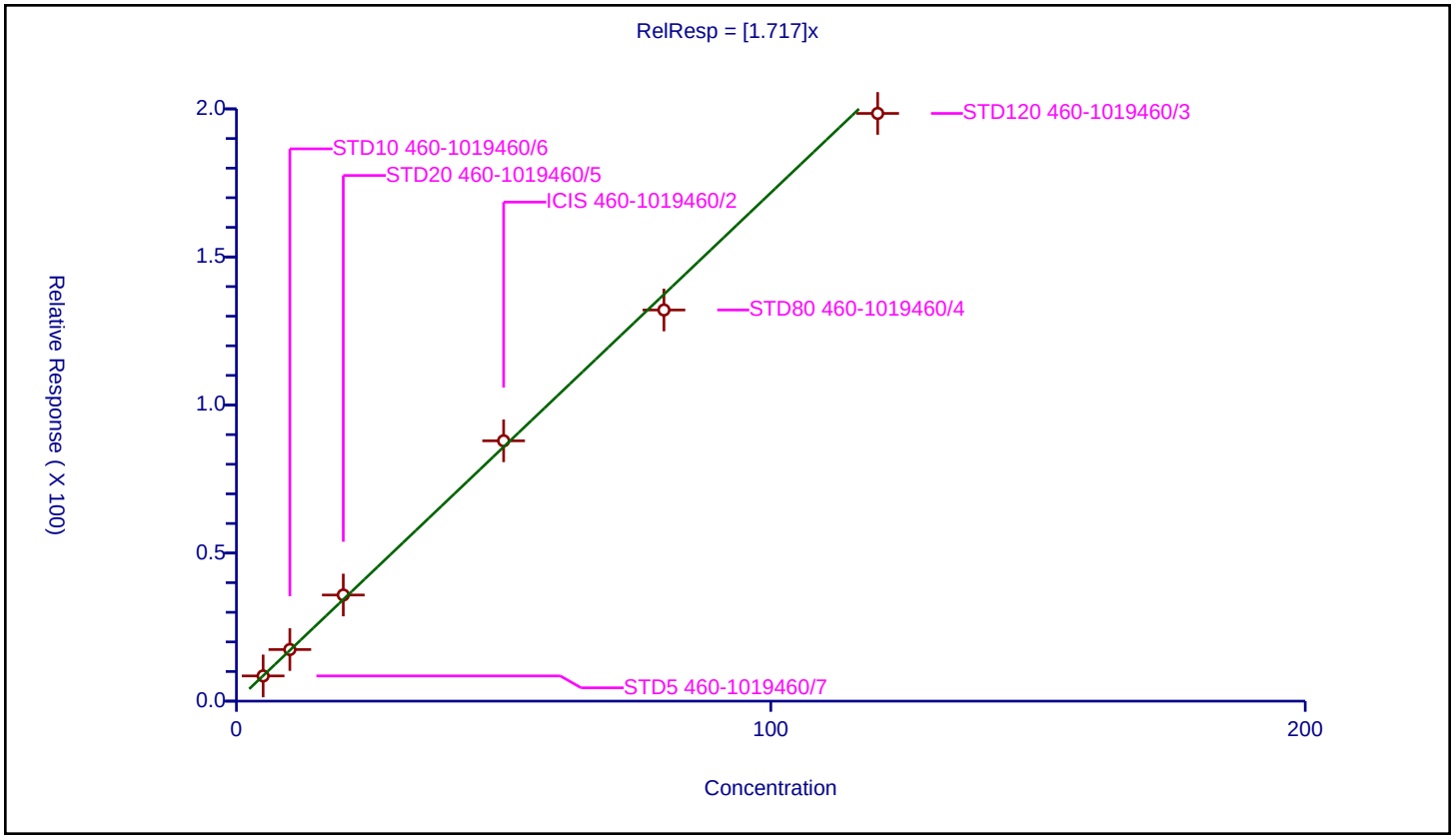
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.717 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 8.512752 | 40.0 | 202172.0 | 1.70255 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 17.427863 | 40.0 | 164167.0 | 1.742786 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 35.839706 | 40.0 | 163200.0 | 1.791985 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 87.915598 | 40.0 | 159902.0 | 1.758312 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 132.092462 | 40.0 | 165690.0 | 1.651156 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 198.471079 | 40.0 | 160610.0 | 1.653926 | Y |



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## Calibration / Aniline

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

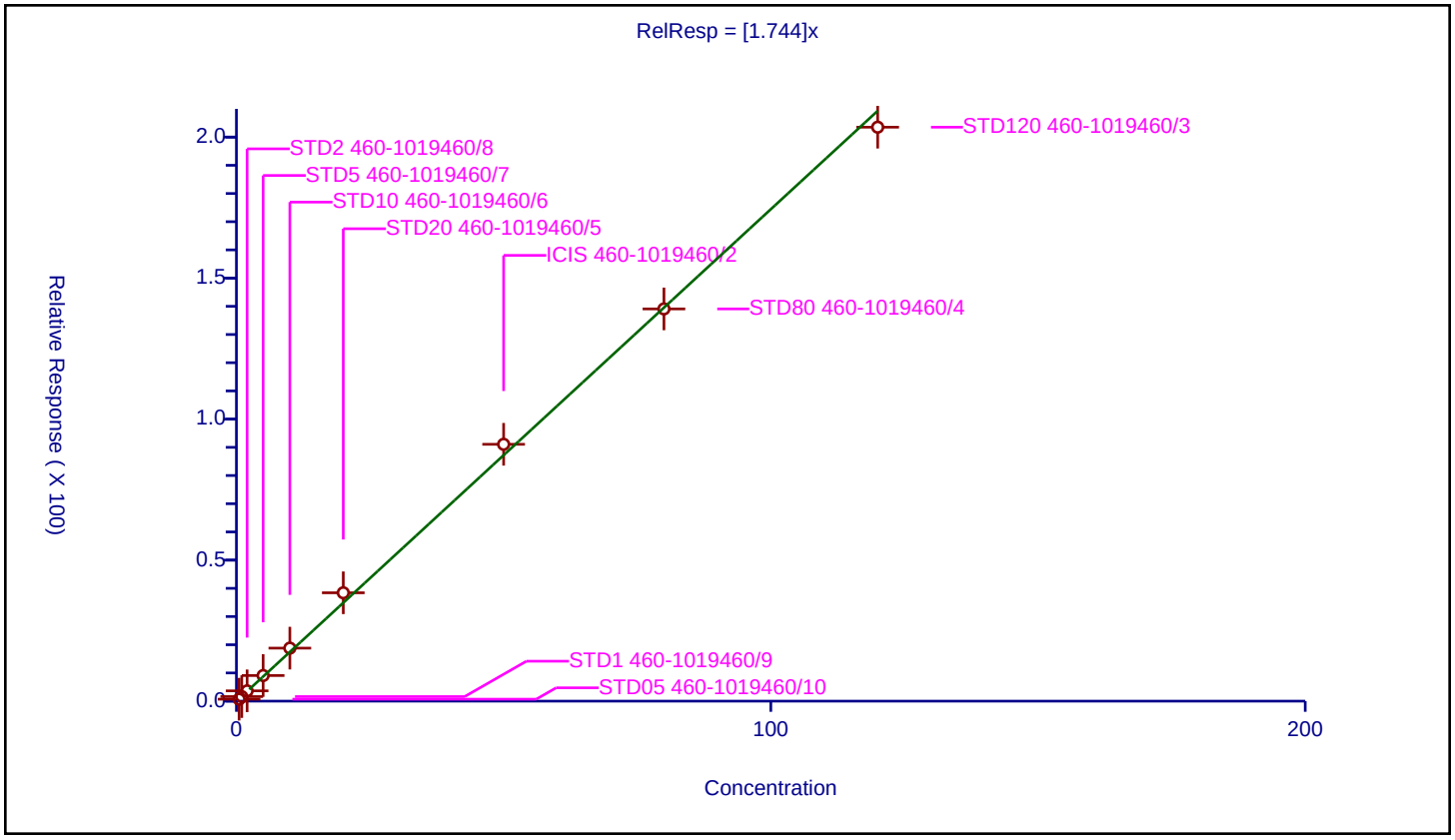
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.744 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.692604 | 40.0 | 167715.0 | 1.385207 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.615695 | 40.0 | 167903.0 | 1.615695 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 3.648119 | 40.0 | 168284.0 | 1.824059 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 9.078606 | 40.0 | 202172.0 | 1.815721 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 18.799393 | 40.0 | 164167.0 | 1.879939 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 38.426225 | 40.0 | 163200.0 | 1.921311 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 91.072282 | 40.0 | 159902.0 | 1.821446 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 139.072243 | 40.0 | 165690.0 | 1.738403 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 203.509371 | 40.0 | 160610.0 | 1.695911 | Y |



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## Calibration / Bis(2-chloroethyl)ether

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

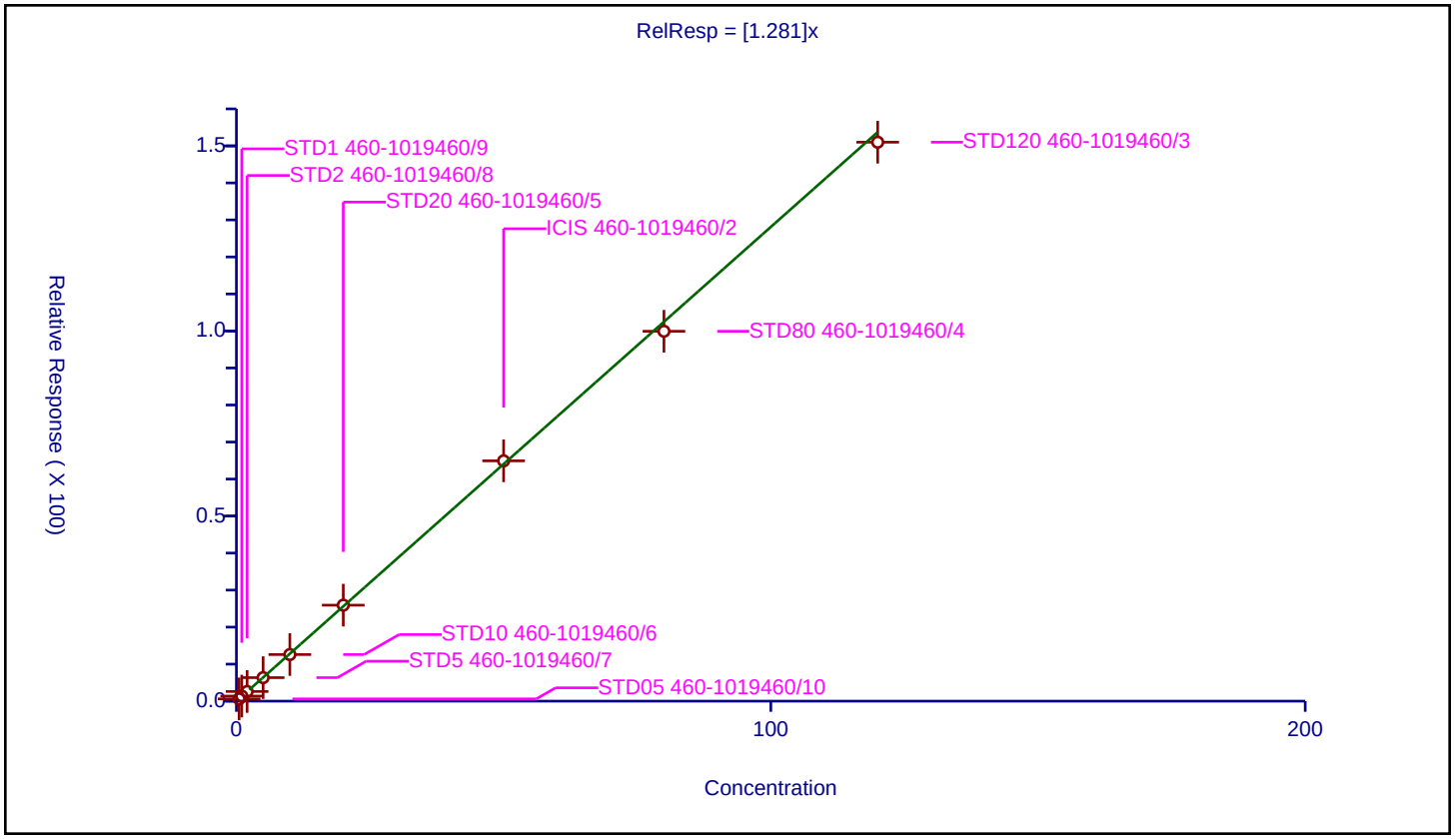
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.281 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.611514 | 40.0 | 167715.0 | 1.223027 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.370077 | 40.0 | 167903.0 | 1.370077 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.610349 | 40.0 | 168284.0 | 1.305175 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 6.352611 | 40.0 | 202172.0 | 1.270522 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 12.584746 | 40.0 | 164167.0 | 1.258475 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 25.930637 | 40.0 | 163200.0 | 1.296532 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 64.920264 | 40.0 | 159902.0 | 1.298405 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 99.924679 | 40.0 | 165690.0 | 1.249058 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 151.001557 | 40.0 | 160610.0 | 1.258346 | Y |



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## Calibration / 2-Chlorophenol

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

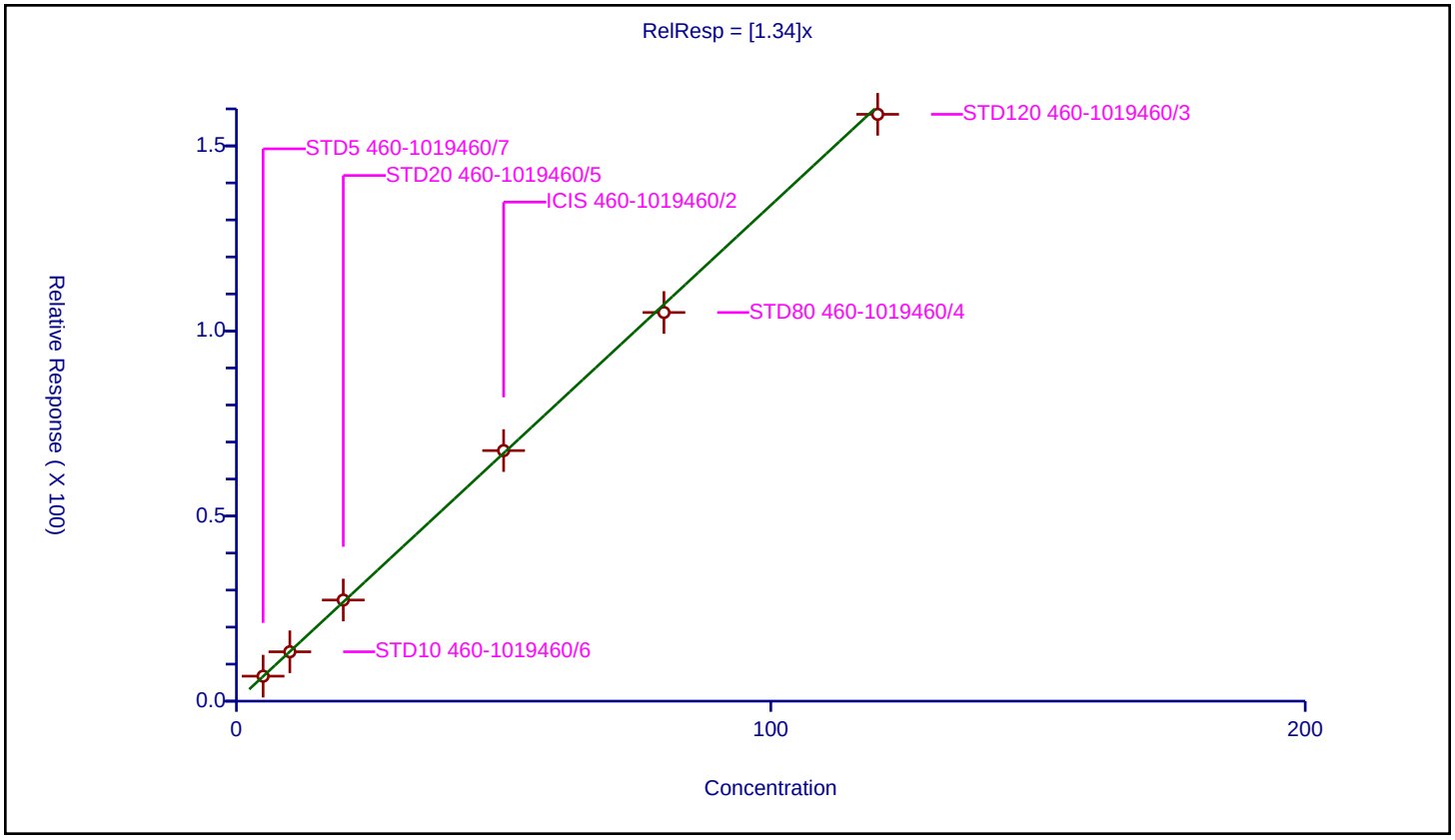
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.34 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.755436 | 40.0 | 202172.0 | 1.351087 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 13.337882 | 40.0 | 164167.0 | 1.333788 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 27.320343 | 40.0 | 163200.0 | 1.366017 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 67.687459 | 40.0 | 159902.0 | 1.353749 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 105.000905 | 40.0 | 165690.0 | 1.312511 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 158.531598 | 40.0 | 160610.0 | 1.321097 | Y |



## Calibration / n-Decane

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

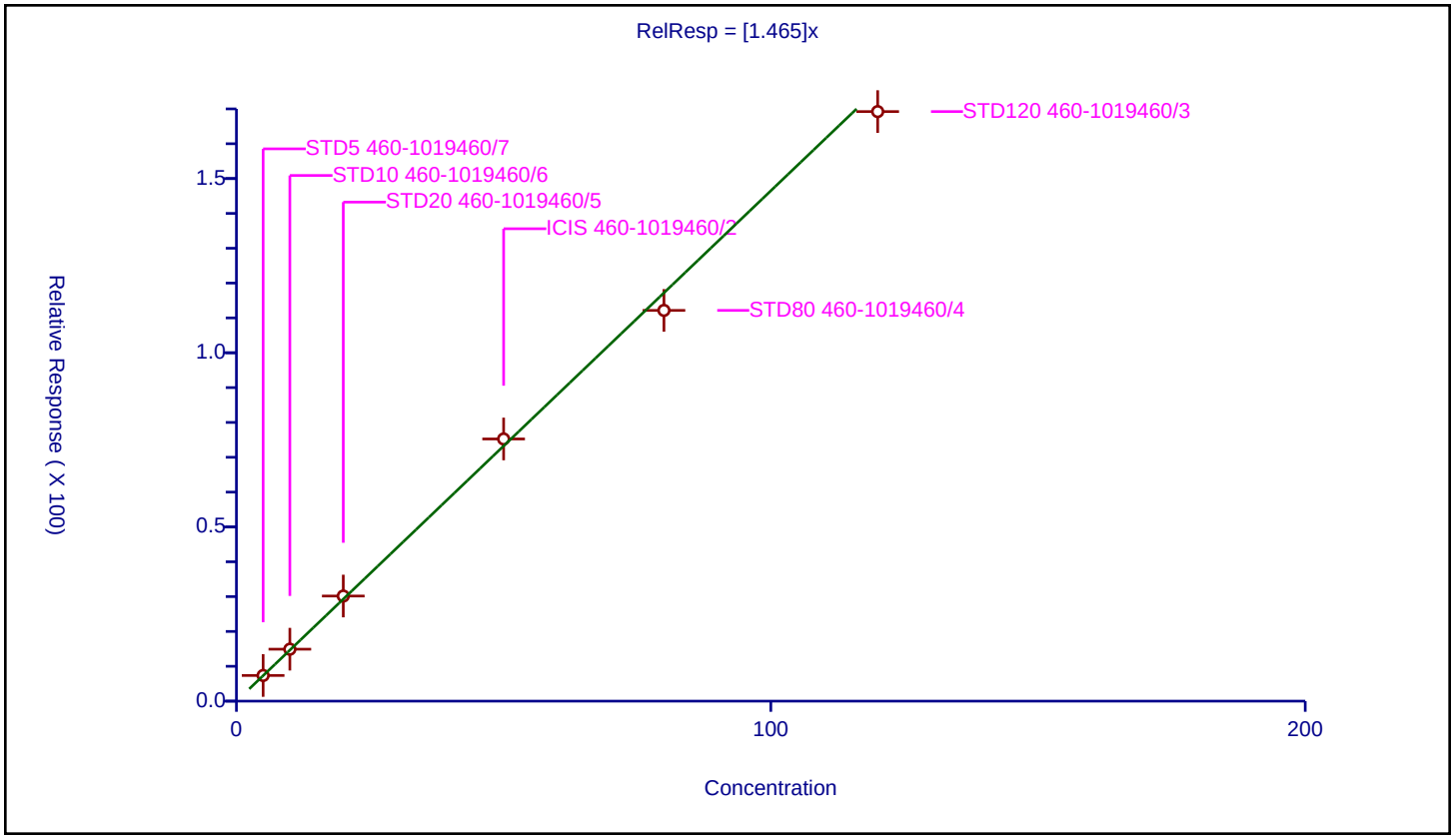
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.465 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 7.365609 | 40.0 | 202172.0 | 1.473122 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 14.90799 | 40.0 | 164167.0 | 1.490799 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 30.169363 | 40.0 | 163200.0 | 1.508468 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 75.255844 | 40.0 | 159902.0 | 1.505117 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 112.157885 | 40.0 | 165690.0 | 1.401974 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 169.226325 | 40.0 | 160610.0 | 1.410219 | Y |



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## Calibration / 1,3-Dichlorobenzene

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

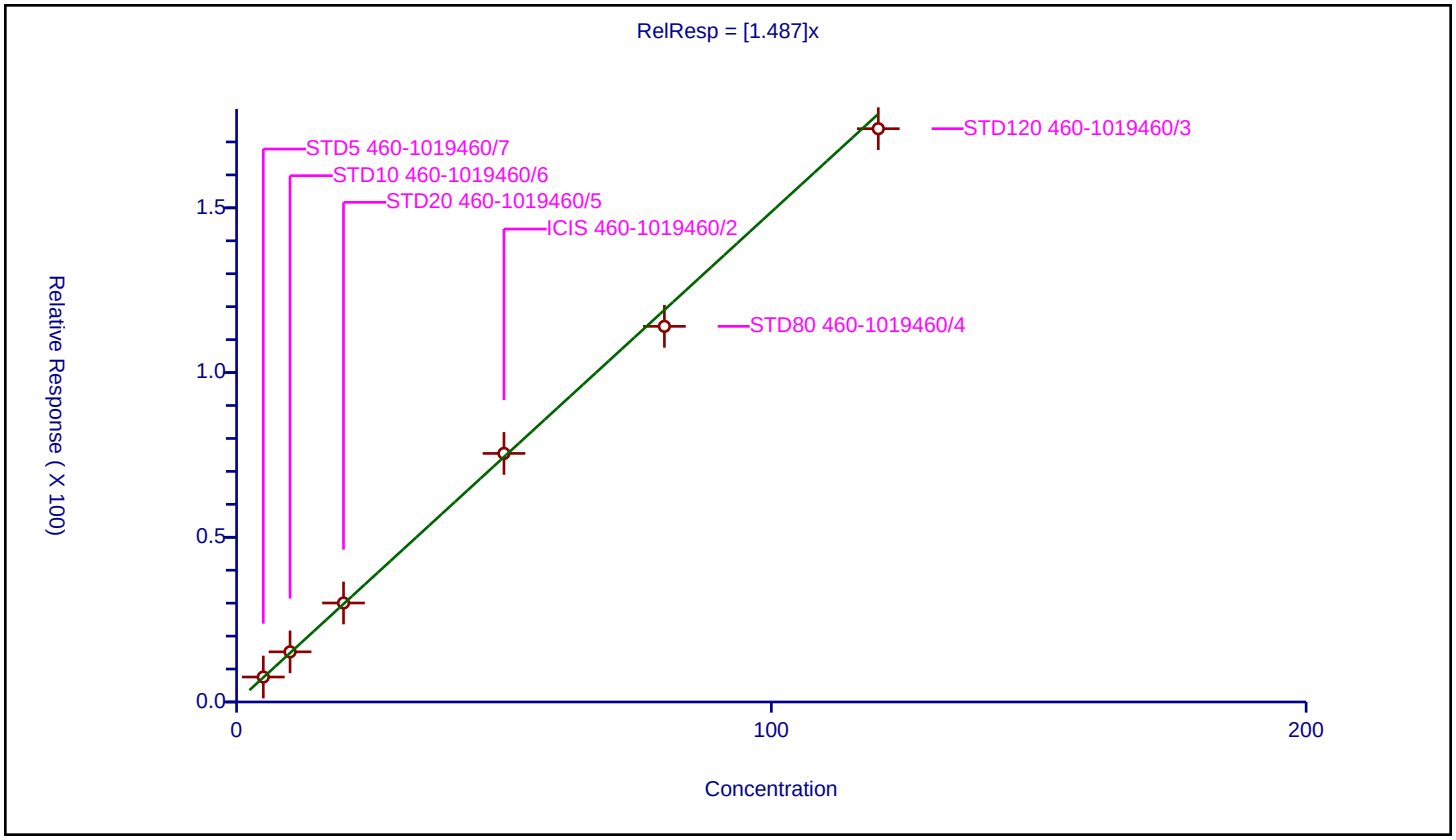
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.487 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 7.576717 | 40.0 | 202172.0 | 1.515343 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 15.223766 | 40.0 | 164167.0 | 1.522377 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 30.048284 | 40.0 | 163200.0 | 1.502414 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 75.458969 | 40.0 | 159902.0 | 1.509179 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 114.028366 | 40.0 | 165690.0 | 1.425355 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 174.028267 | 40.0 | 160610.0 | 1.450236 | Y |



## Calibration / 1,4-Dichlorobenzene

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

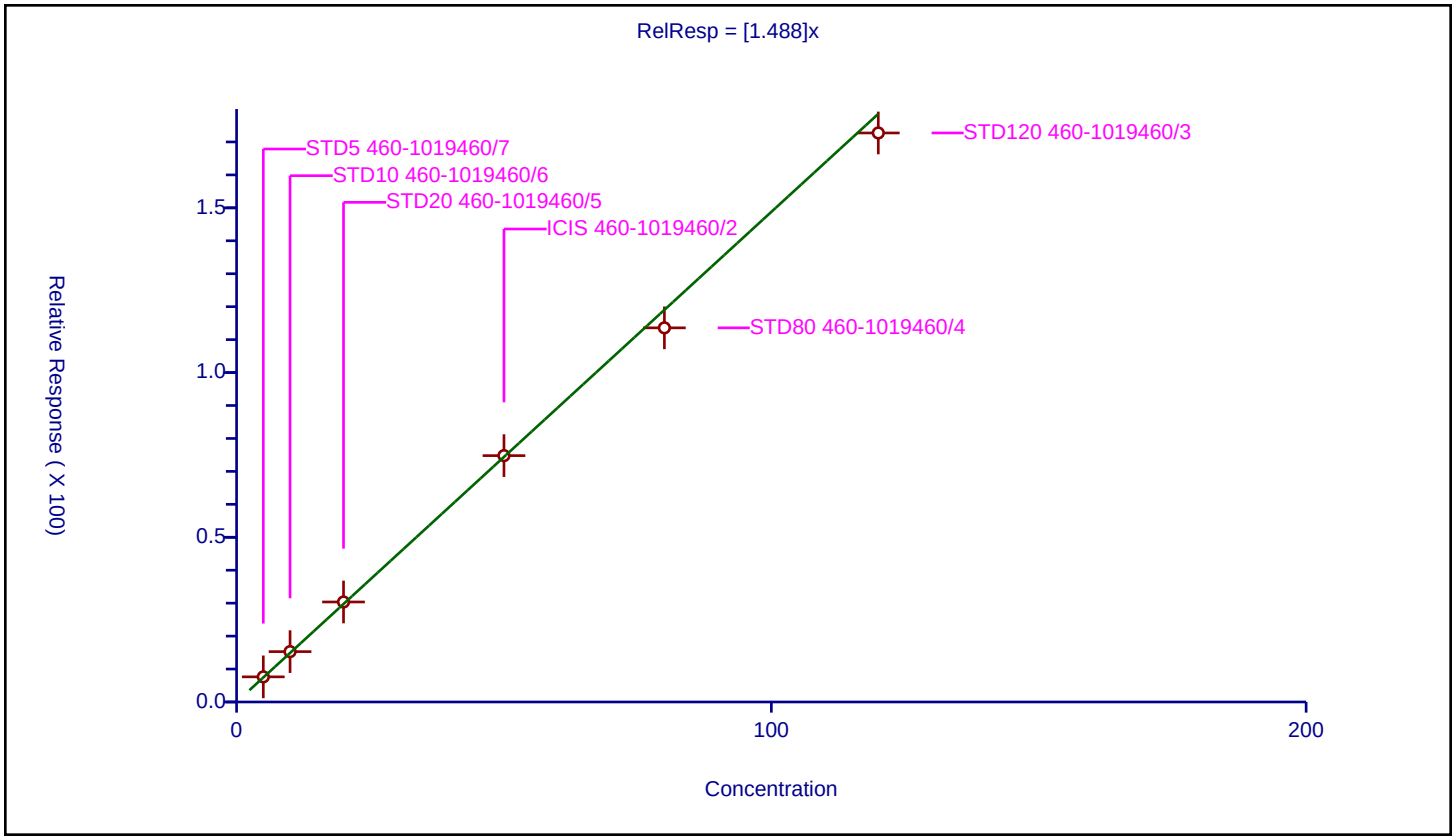
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.488 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 7.625982 | 40.0 | 202172.0 | 1.525196 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 15.286142 | 40.0 | 164167.0 | 1.528614 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 30.358824 | 40.0 | 163200.0 | 1.517941 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 74.781053 | 40.0 | 159902.0 | 1.495621 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 113.576679 | 40.0 | 165690.0 | 1.419708 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 172.733703 | 40.0 | 160610.0 | 1.439448 | Y |



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## Calibration / Benzyl alcohol

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

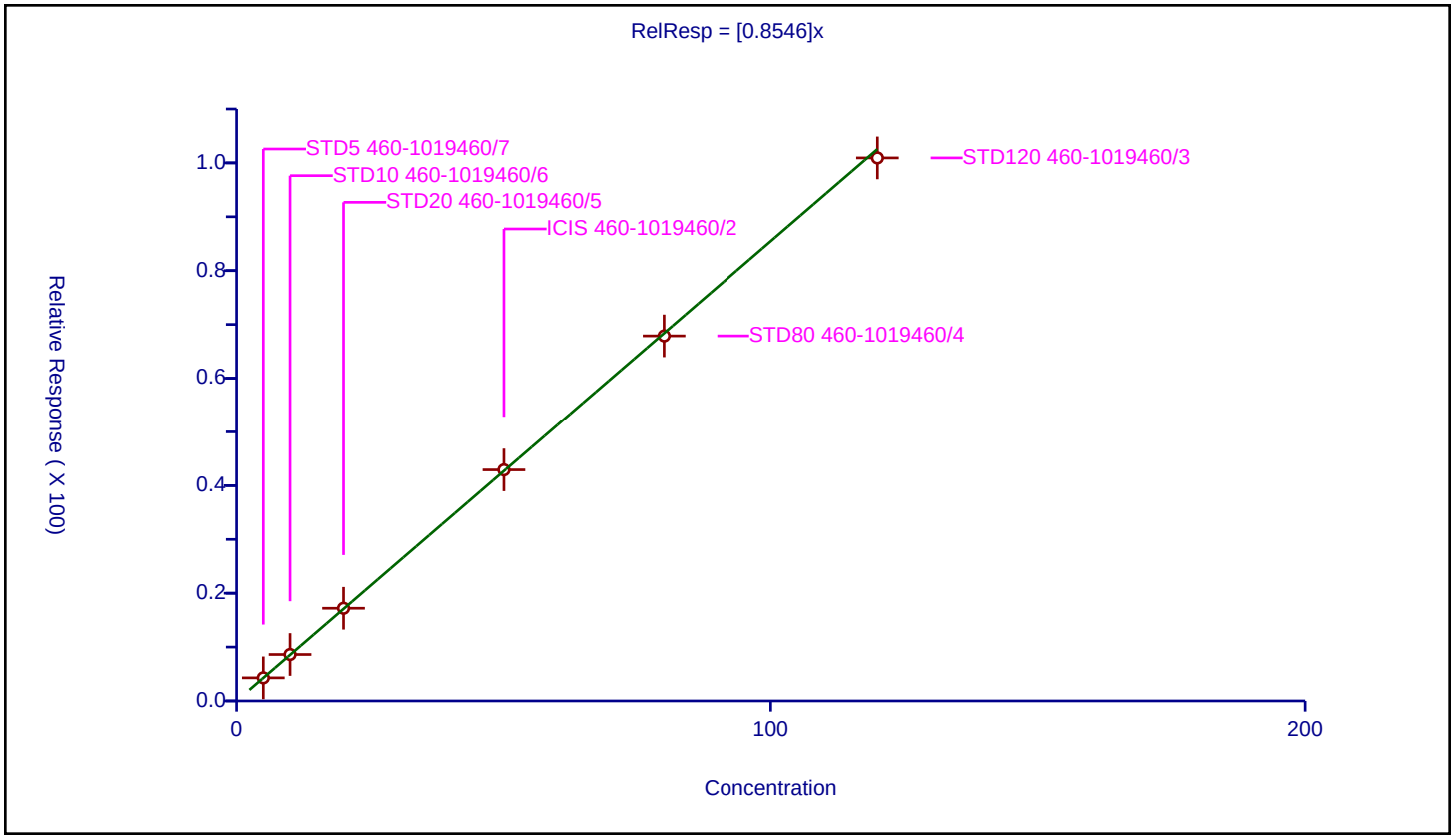
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8546 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 4.287241 | 40.0 | 202172.0 | 0.857448 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 8.619515 | 40.0 | 164167.0 | 0.861952 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 17.207108 | 40.0 | 163200.0 | 0.860355 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 42.932546 | 40.0 | 159902.0 | 0.858651 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 67.873982 | 40.0 | 165690.0 | 0.848425 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 100.927464 | 40.0 | 160610.0 | 0.841062 | Y |



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## Calibration / 1,2-Dichlorobenzene

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

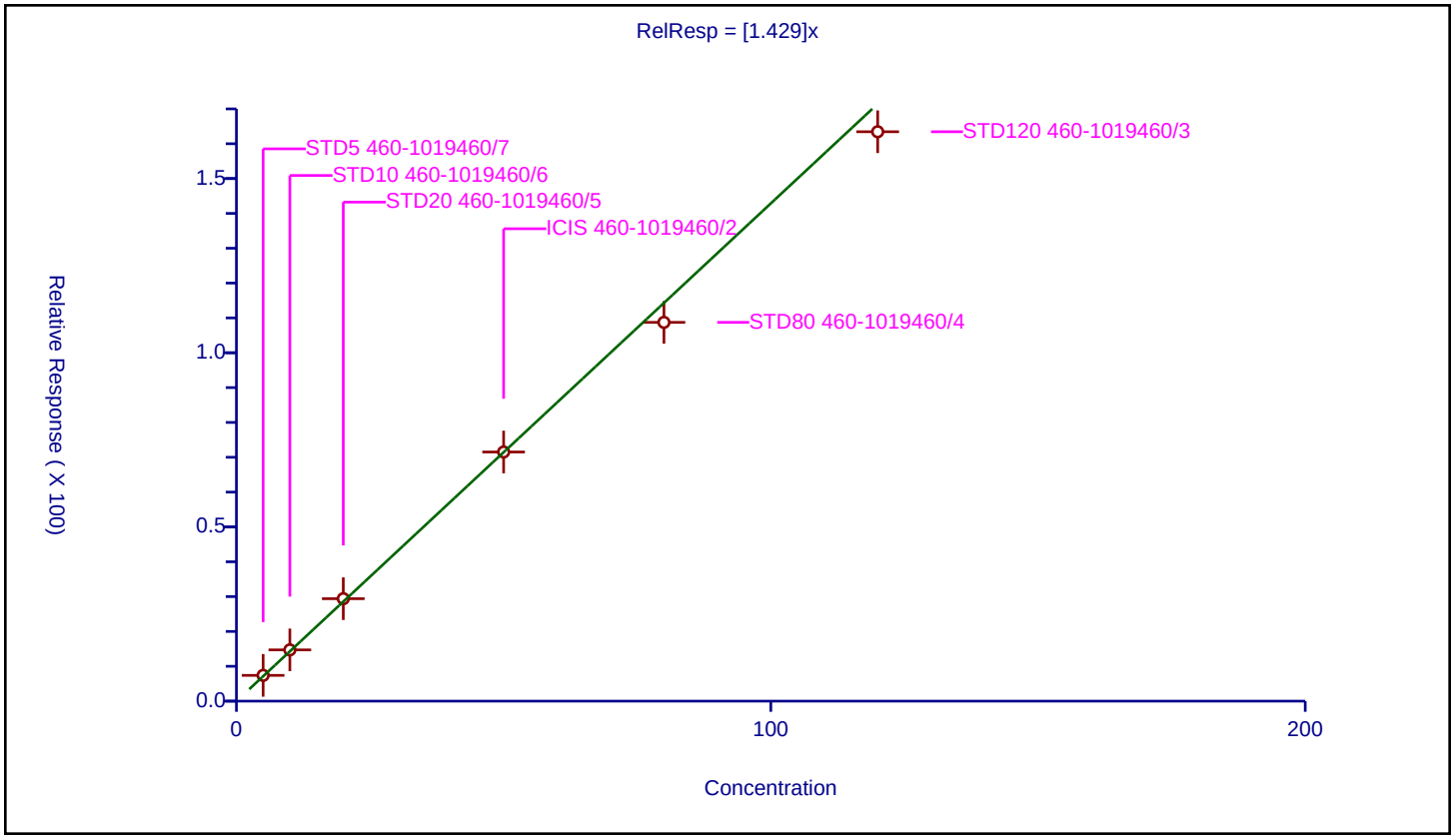
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.429 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 7.396474 | 40.0 | 202172.0 | 1.479295 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 14.71063 | 40.0 | 164167.0 | 1.471063 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 29.407598 | 40.0 | 163200.0 | 1.47038 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 71.516804 | 40.0 | 159902.0 | 1.430336 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 108.728107 | 40.0 | 165690.0 | 1.359101 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 163.440882 | 40.0 | 160610.0 | 1.362007 | Y |



## Calibration / 2-Methylphenol

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

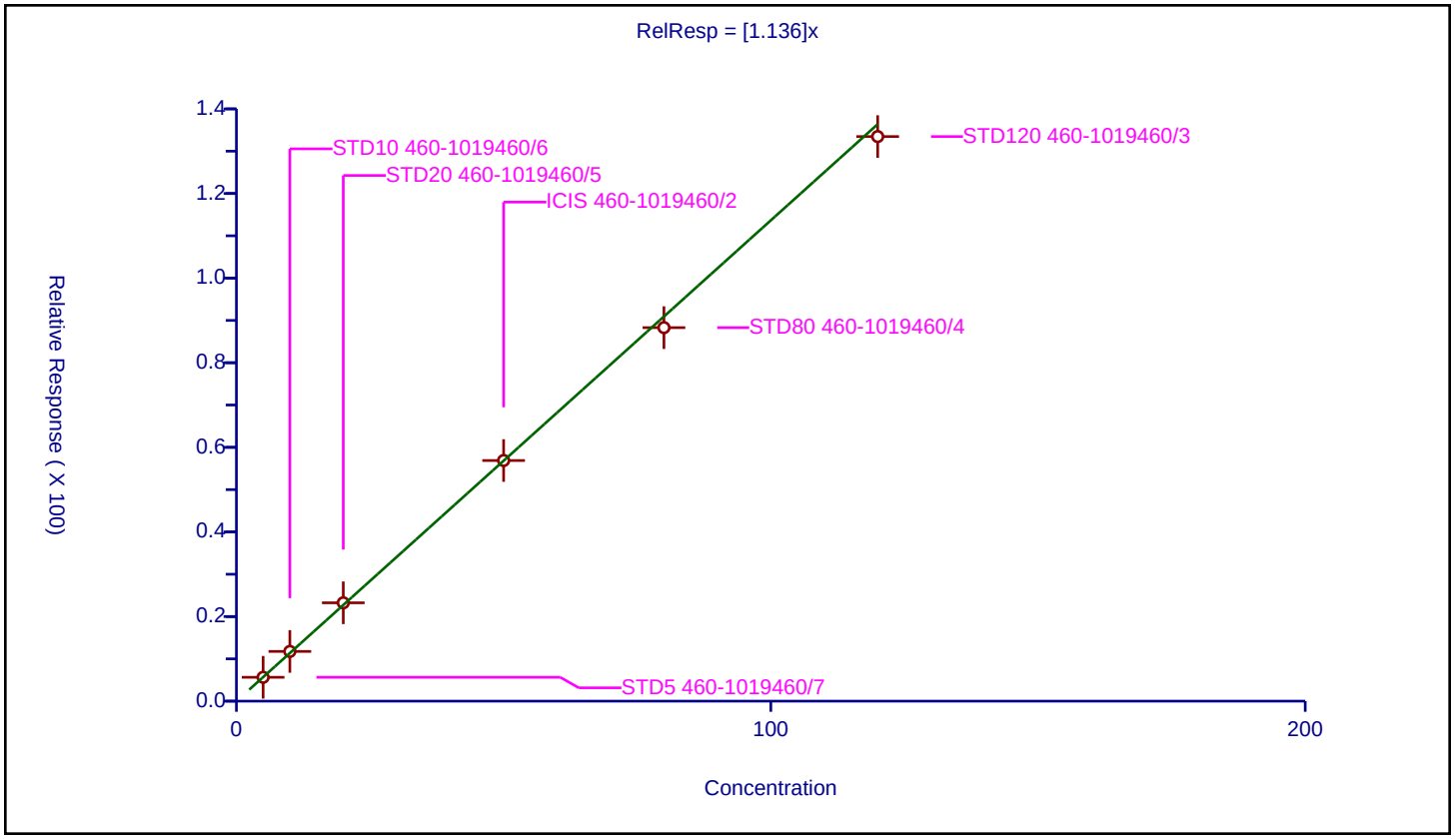
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.136 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.63995 | 40.0 | 202172.0 | 1.12799 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 11.752179 | 40.0 | 164167.0 | 1.175218 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 23.246078 | 40.0 | 163200.0 | 1.162304 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 56.88184 | 40.0 | 159902.0 | 1.137637 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 88.289939 | 40.0 | 165690.0 | 1.103624 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 133.458689 | 40.0 | 160610.0 | 1.112156 | Y |



## Calibration / 2,2'-oxybis[1-chloropropane]

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

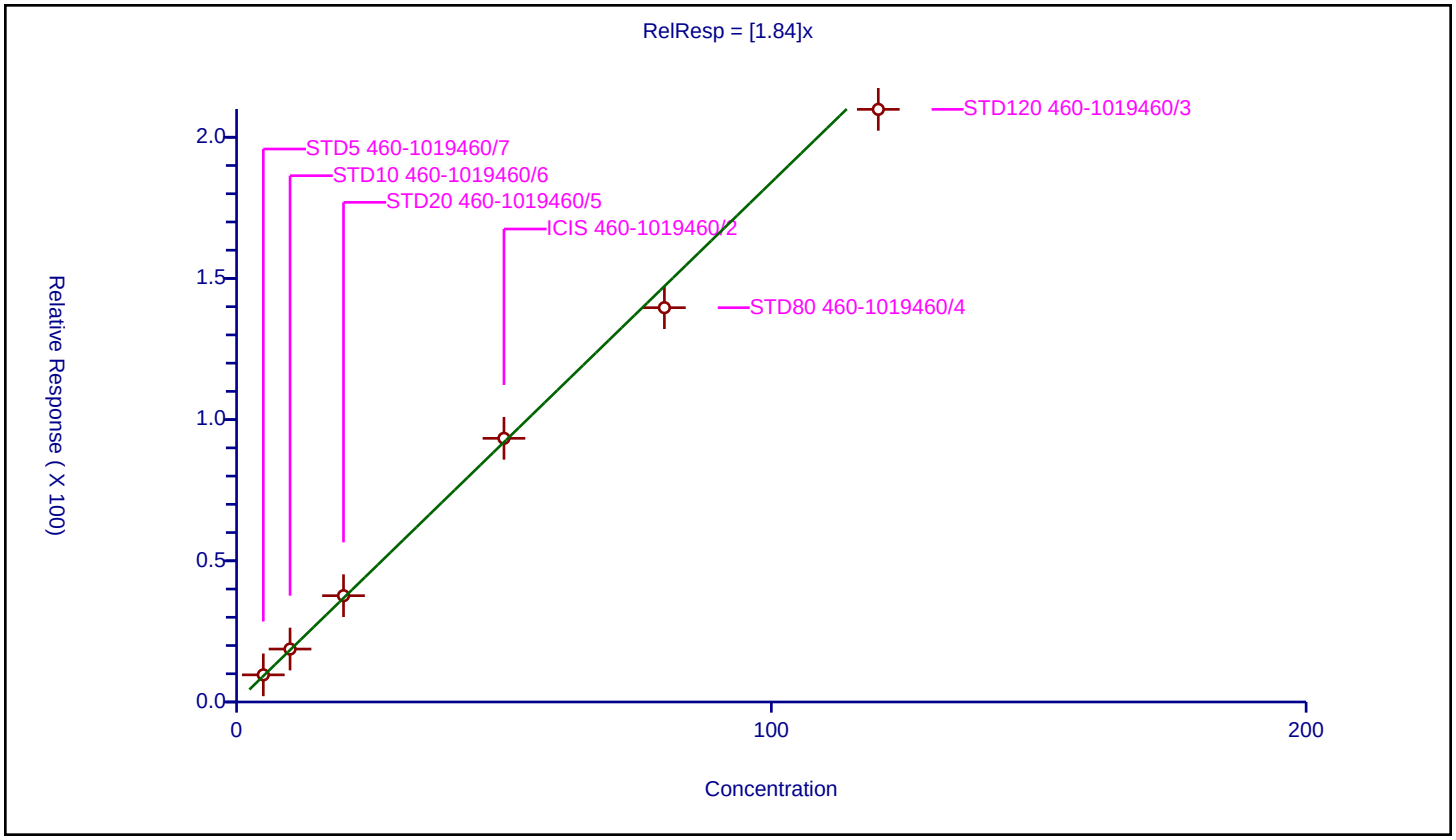
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.84 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 9.613596 | 40.0 | 202172.0 | 1.922719 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 18.754317 | 40.0 | 164167.0 | 1.875432 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 37.647059 | 40.0 | 163200.0 | 1.882353 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 93.379945 | 40.0 | 159902.0 | 1.867599 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 139.643431 | 40.0 | 165690.0 | 1.745543 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 209.877094 | 40.0 | 160610.0 | 1.748976 | Y |



## Calibration / N-Methylaniline

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

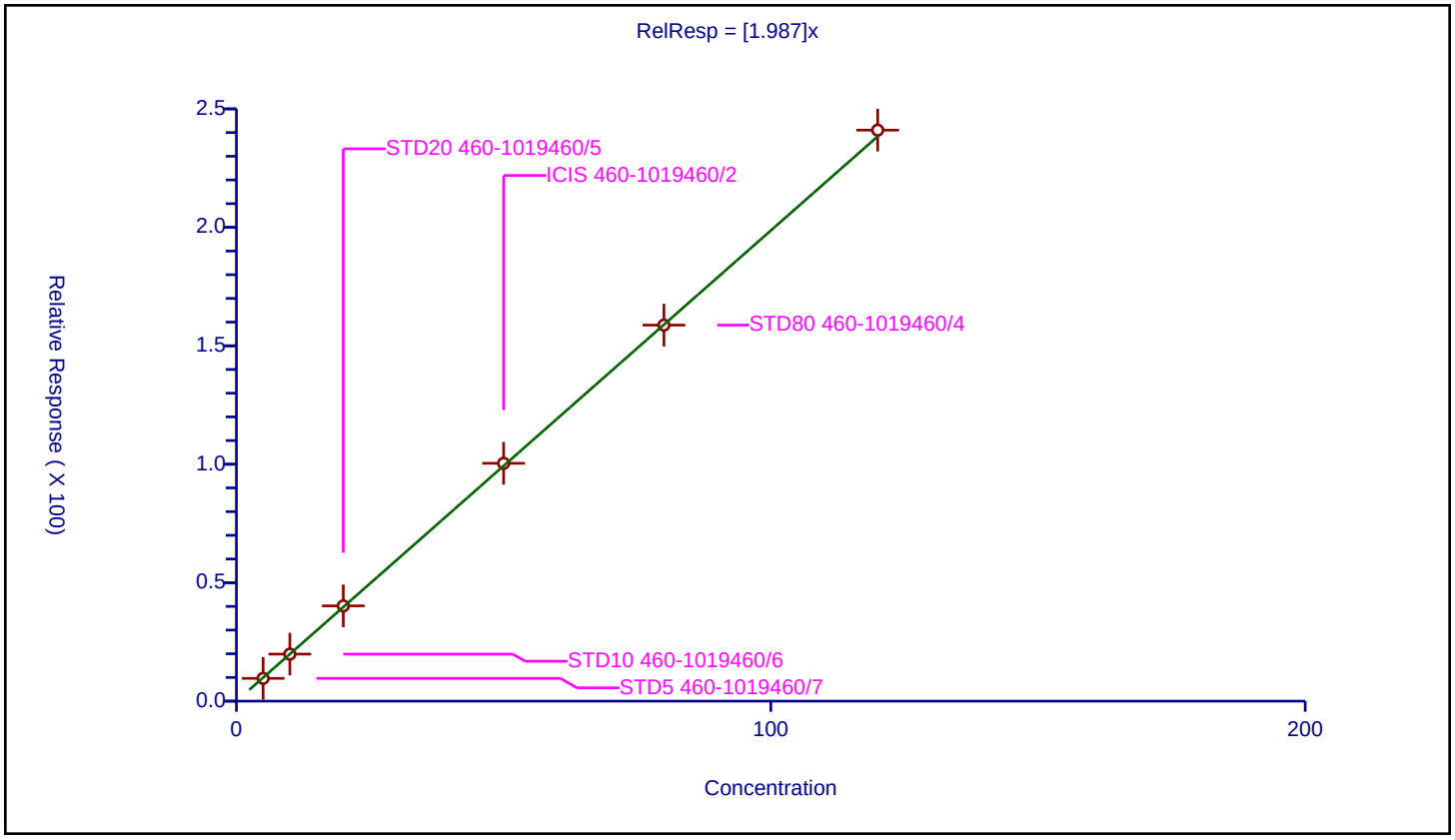
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.987 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 9.617553 | 40.0 | 202172.0 | 1.923511 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 19.847107 | 40.0 | 164167.0 | 1.984711 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 40.206127 | 40.0 | 163200.0 | 2.010306 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 100.390989 | 40.0 | 159902.0 | 2.00782 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 158.734746 | 40.0 | 165690.0 | 1.984184 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 241.026586 | 40.0 | 160610.0 | 2.008555 | Y |



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## Calibration / Acetophenone

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

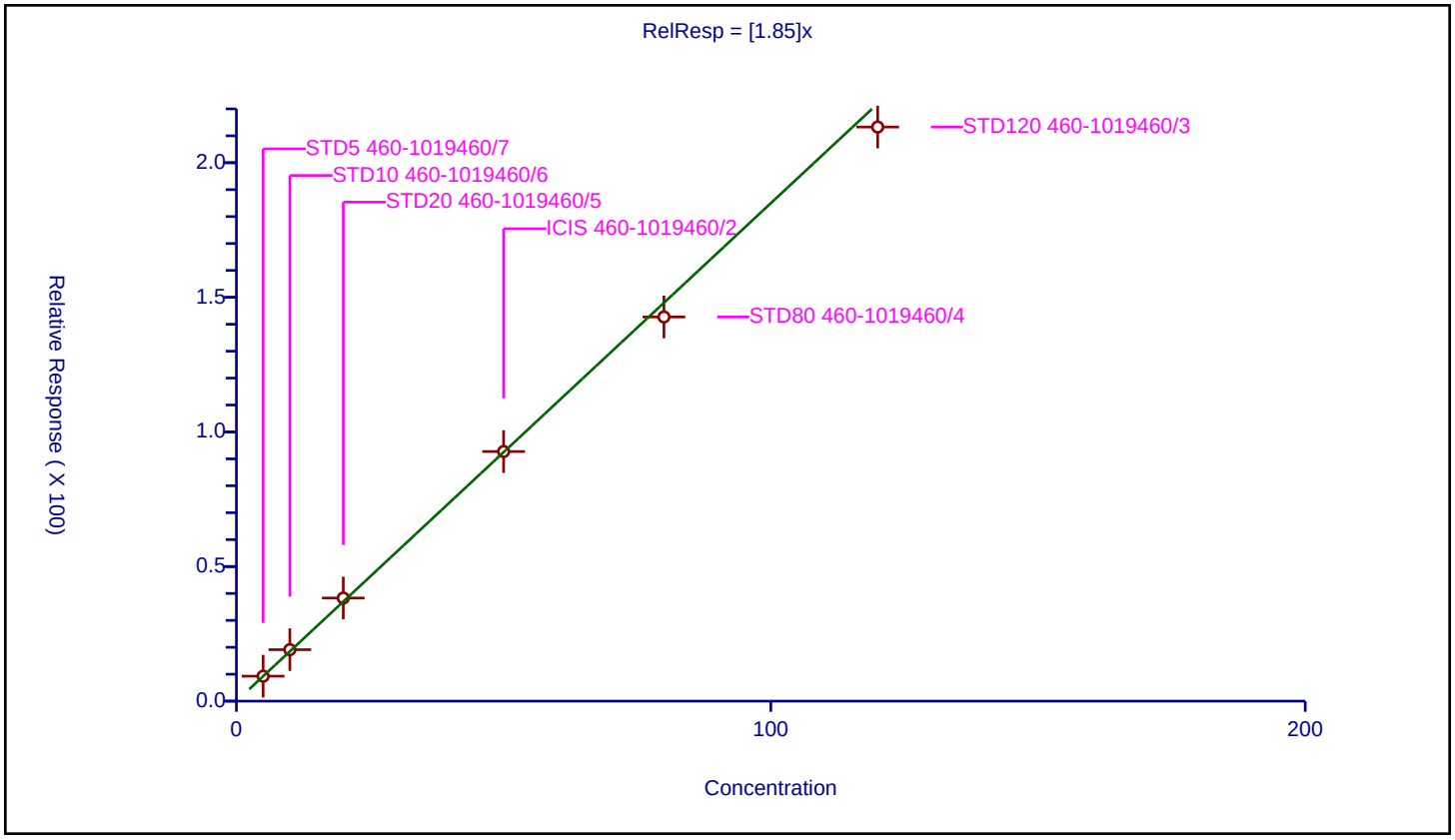
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.85 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 9.275271 | 40.0 | 202172.0 | 1.855054 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 19.120286 | 40.0 | 164167.0 | 1.912029 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 38.302696 | 40.0 | 163200.0 | 1.915135 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 92.721542 | 40.0 | 159902.0 | 1.854431 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 142.715432 | 40.0 | 165690.0 | 1.783943 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 213.26418 | 40.0 | 160610.0 | 1.777202 | Y |



## Calibration / N-Nitrosodi-n-propylamine

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

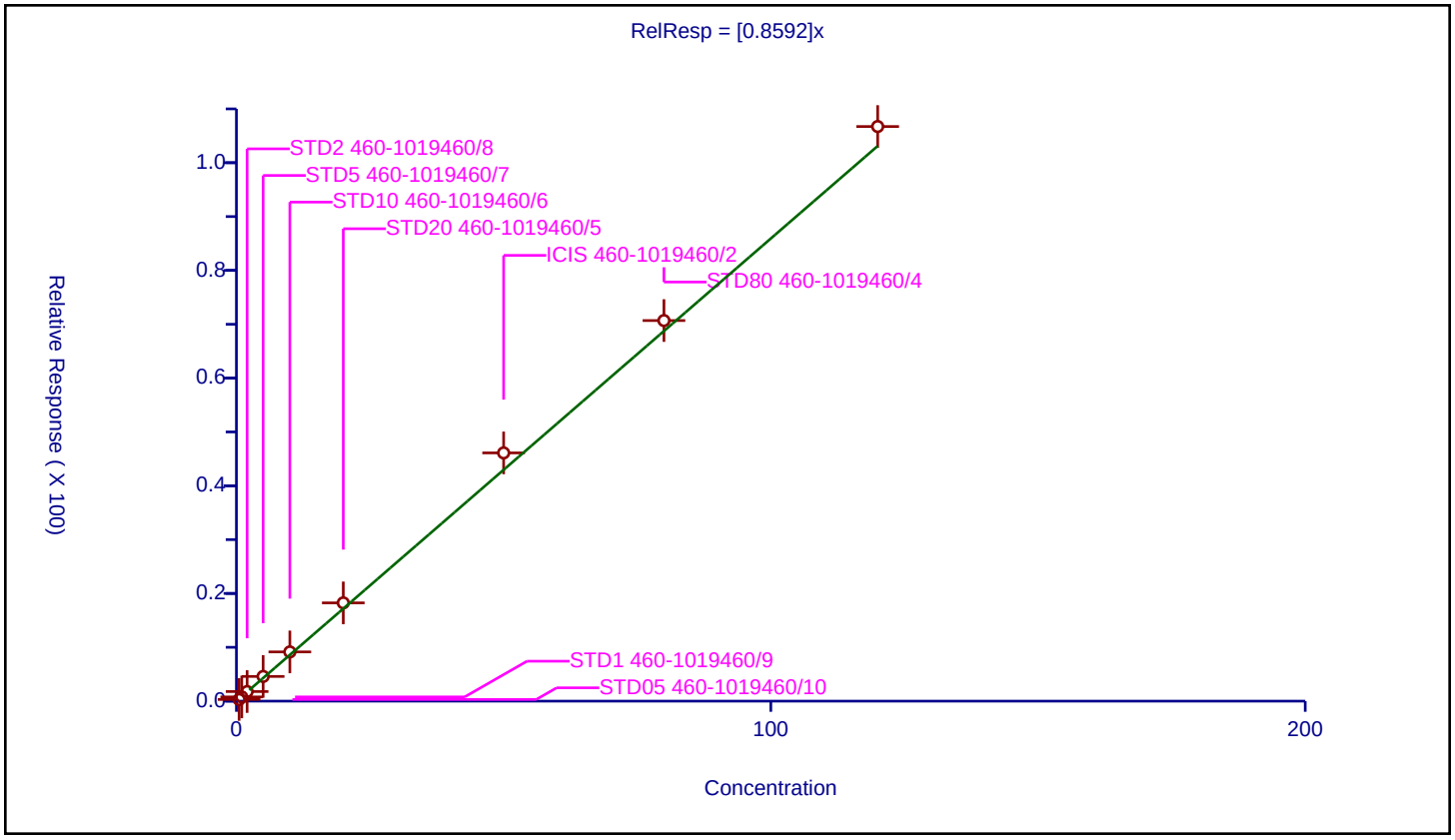
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8592 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.30838 | 40.0 | 167715.0 | 0.616761 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.785215 | 40.0 | 167903.0 | 0.785215 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.783414 | 40.0 | 168284.0 | 0.891707 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 4.587183 | 40.0 | 202172.0 | 0.917437 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 9.143372 | 40.0 | 164167.0 | 0.914337 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 18.251716 | 40.0 | 163200.0 | 0.912586 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 46.105239 | 40.0 | 159902.0 | 0.922105 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 70.686704 | 40.0 | 165690.0 | 0.883584 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 106.726356 | 40.0 | 160610.0 | 0.889386 | Y |



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## Calibration / 3 & 4 Methylphenol

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

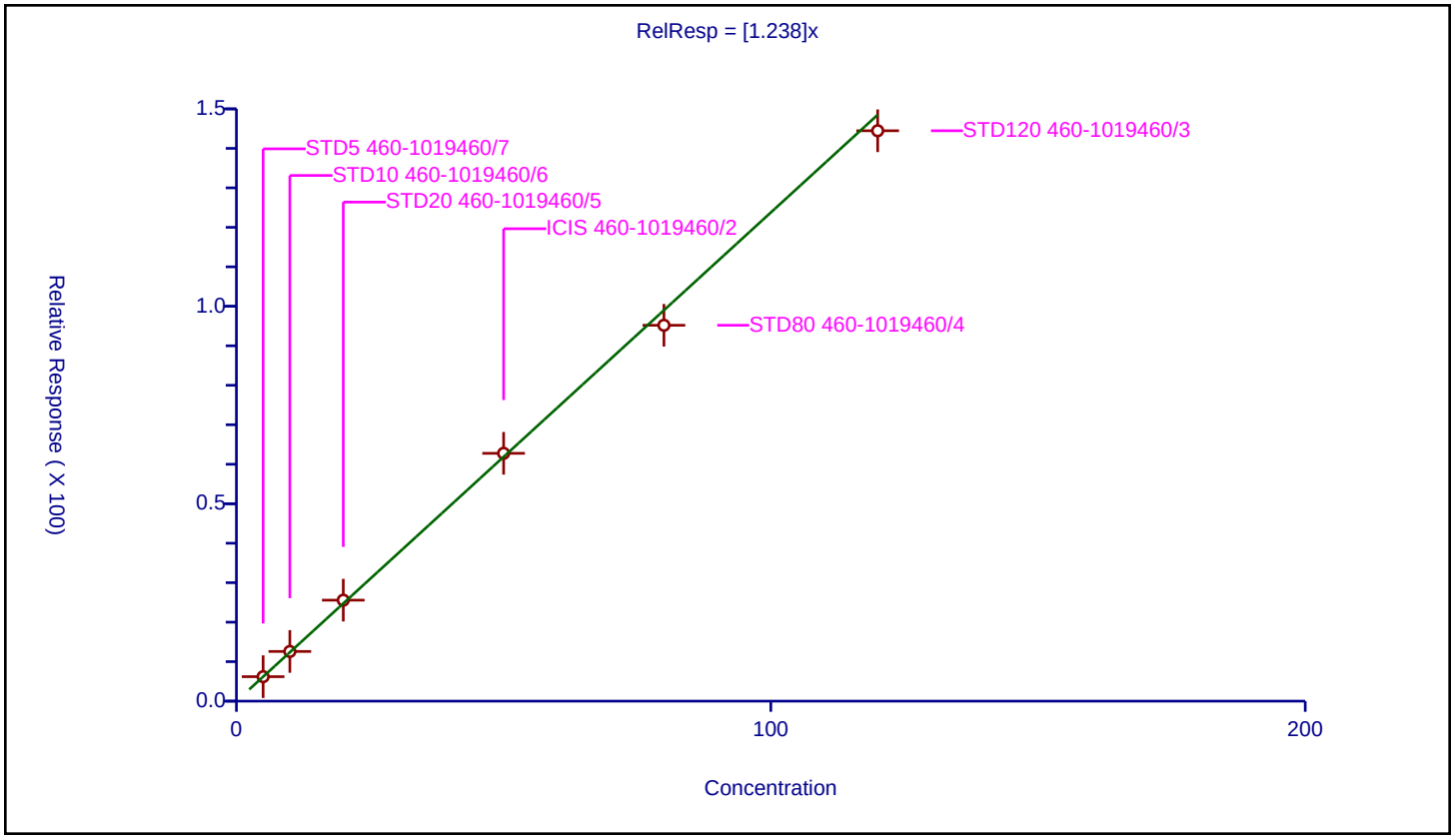
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.238 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.194132 | 40.0 | 202172.0 | 1.238826 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 12.583528 | 40.0 | 164167.0 | 1.258353 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 25.579412 | 40.0 | 163200.0 | 1.278971 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 62.767195 | 40.0 | 159902.0 | 1.255344 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 95.196572 | 40.0 | 165690.0 | 1.189957 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 144.463732 | 40.0 | 160610.0 | 1.203864 | Y |



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## Calibration / 4-Methylphenol

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

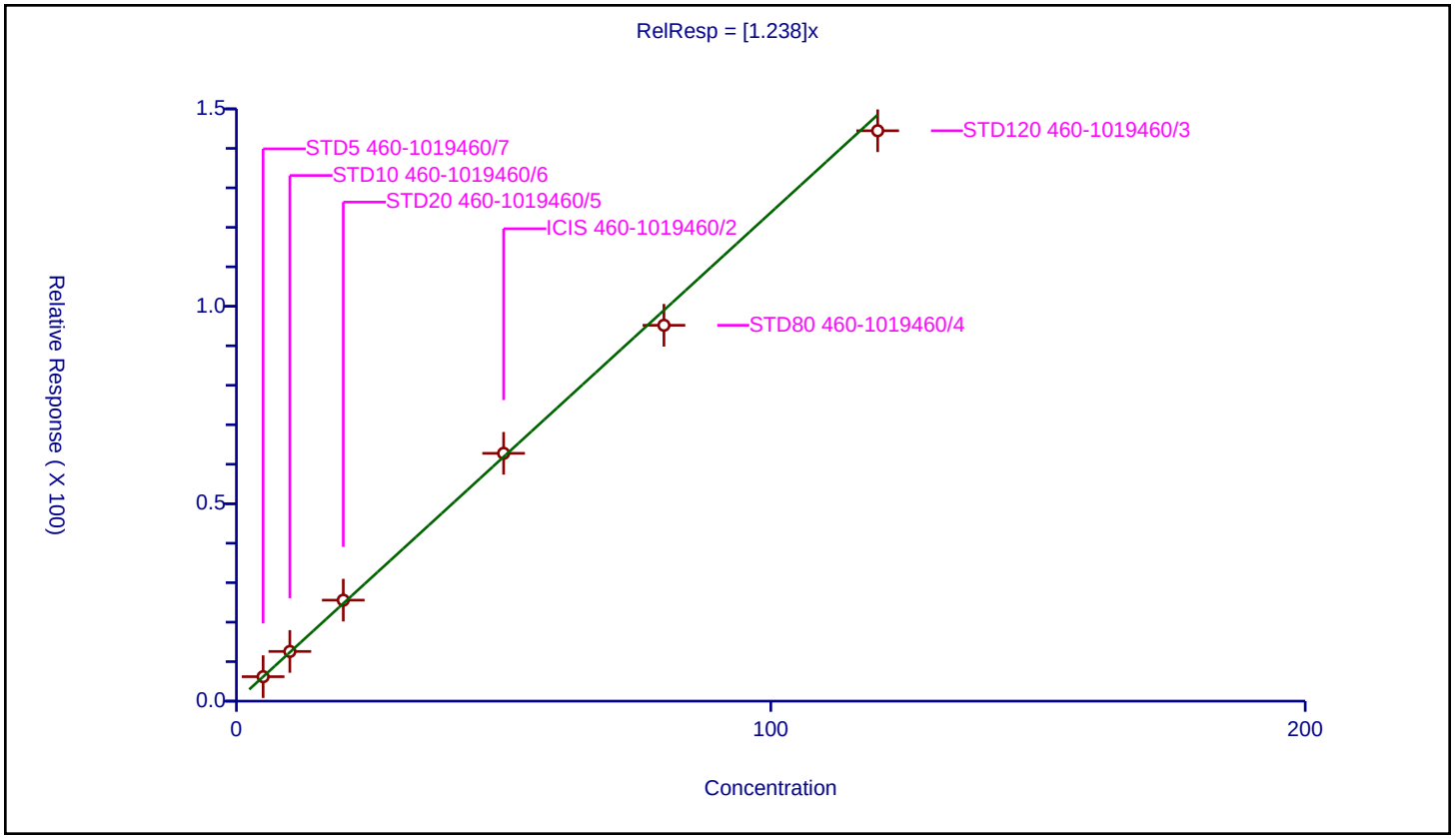
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.238 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.194132 | 40.0 | 202172.0 | 1.238826 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 12.583528 | 40.0 | 164167.0 | 1.258353 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 25.579412 | 40.0 | 163200.0 | 1.278971 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 62.767195 | 40.0 | 159902.0 | 1.255344 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 95.196572 | 40.0 | 165690.0 | 1.189957 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 144.463732 | 40.0 | 160610.0 | 1.203864 | Y |



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## Calibration / Hexachloroethane

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

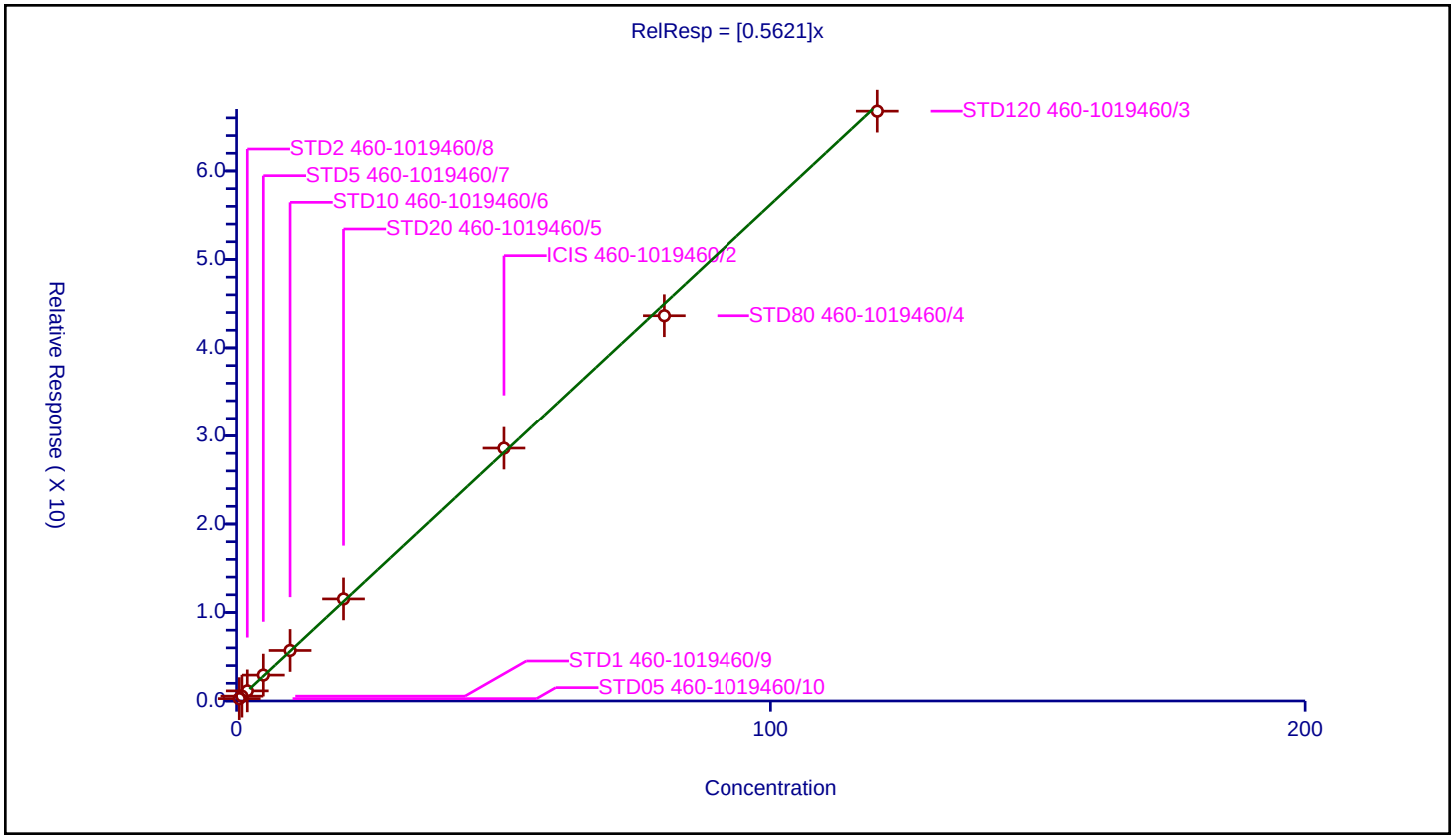
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5621 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.267597 | 40.0 | 167715.0 | 0.535194 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.545553 | 40.0 | 167903.0 | 0.545553 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.143305 | 40.0 | 168284.0 | 0.571653 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 2.928398 | 40.0 | 202172.0 | 0.58568 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 5.706872 | 40.0 | 164167.0 | 0.570687 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 11.533088 | 40.0 | 163200.0 | 0.576654 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 28.585258 | 40.0 | 159902.0 | 0.571705 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 43.643913 | 40.0 | 165690.0 | 0.545549 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 66.758732 | 40.0 | 160610.0 | 0.556323 | Y |



## Calibration / Nitrobenzene-d5

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

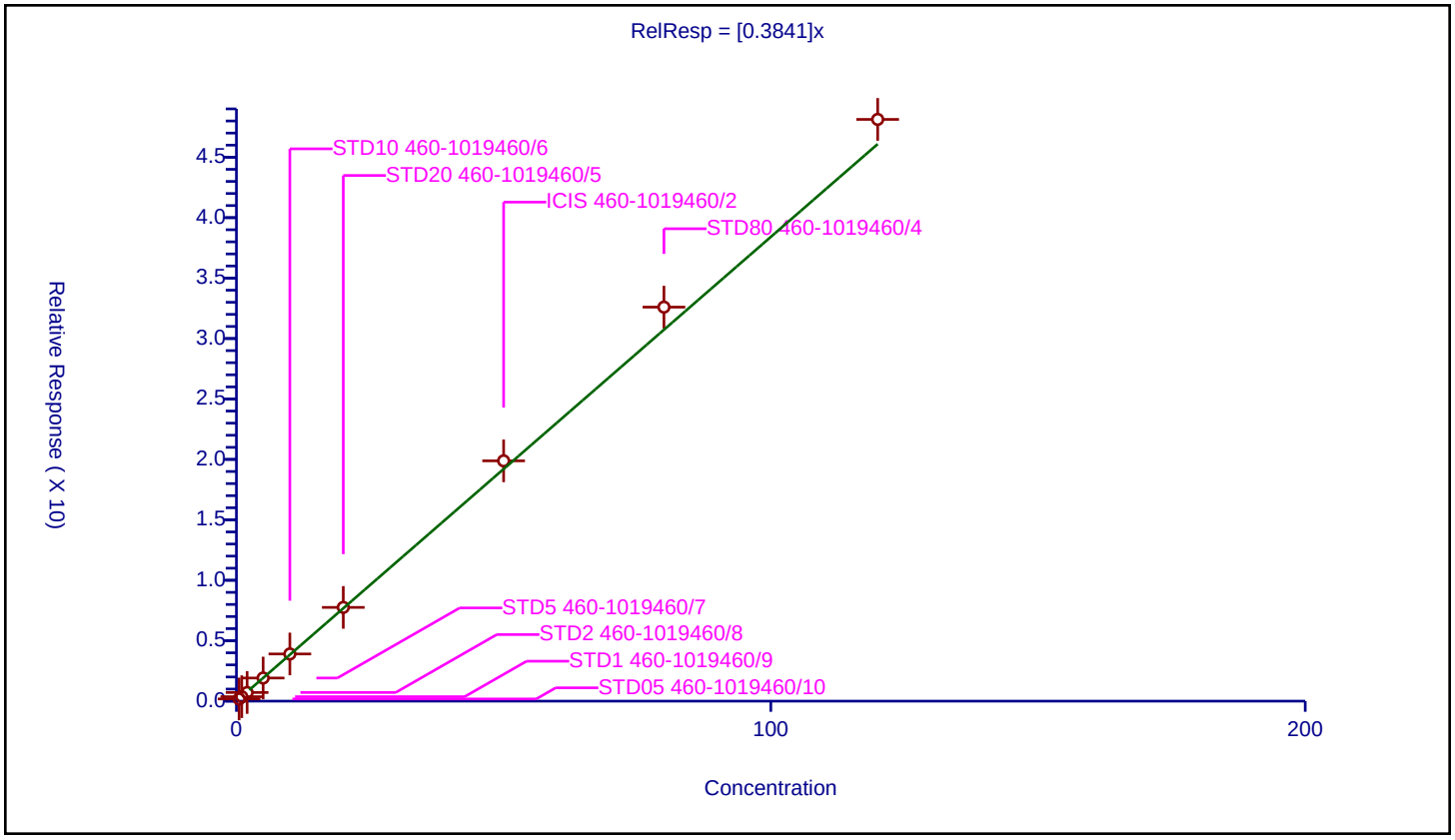
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3841 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.182167 | 40.0 | 636338.0 | 0.364335 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.368222 | 40.0 | 636899.0 | 0.368222 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 0.714189 | 40.0 | 641735.0 | 0.357094 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 1.913512 | 40.0 | 775349.0 | 0.382702 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 3.903524 | 40.0 | 627597.0 | 0.390352 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 7.755497 | 40.0 | 618431.0 | 0.387775 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 19.88235 | 40.0 | 602466.0 | 0.397647 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 32.599257 | 40.0 | 633358.0 | 0.407491 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 48.130225 | 40.0 | 611496.0 | 0.401085 | Y |



## Calibration / Nitrobenzene

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

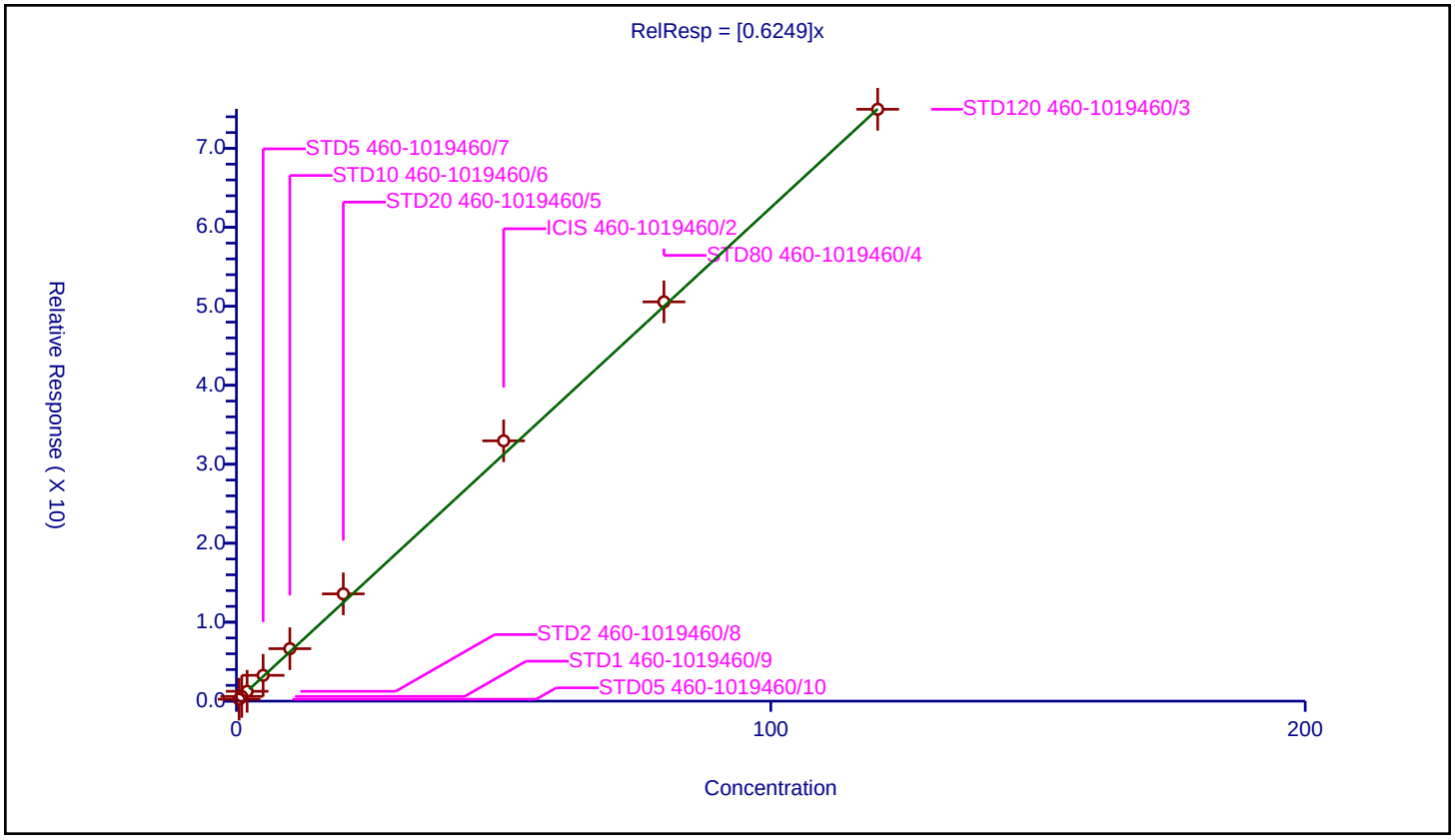
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6249 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.244462 | 40.0 | 167715.0 | 0.488925 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.598441 | 40.0 | 167903.0 | 0.598441 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.24694 | 40.0 | 168284.0 | 0.62347 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 3.27068 | 40.0 | 202172.0 | 0.654136 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 6.643723 | 40.0 | 164167.0 | 0.664372 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 13.582843 | 40.0 | 163200.0 | 0.679142 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 32.964191 | 40.0 | 159902.0 | 0.659284 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 50.563824 | 40.0 | 165690.0 | 0.632048 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 74.951746 | 40.0 | 160610.0 | 0.624598 | Y |



## Calibration / n,n'-Dimethylaniline

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

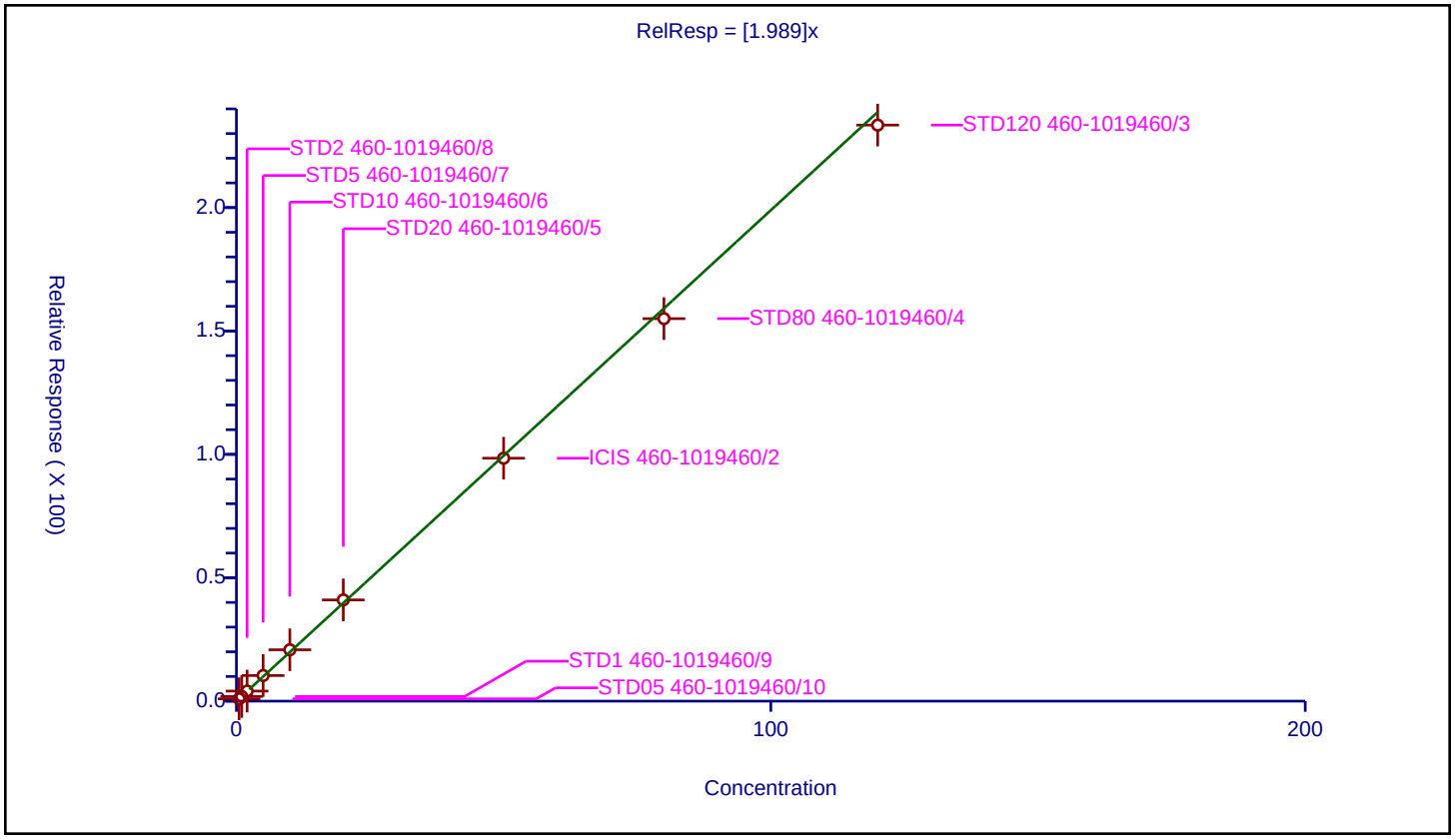
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.989 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.946129 | 40.0 | 167715.0 | 1.892258 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.907768 | 40.0 | 167903.0 | 1.907768 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 4.088089 | 40.0 | 168284.0 | 2.044045 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 10.374533 | 40.0 | 202172.0 | 2.074907 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 20.81076 | 40.0 | 164167.0 | 2.081076 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 41.033333 | 40.0 | 163200.0 | 2.051667 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 98.453803 | 40.0 | 159902.0 | 1.969076 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 155.001509 | 40.0 | 165690.0 | 1.937519 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 233.421829 | 40.0 | 160610.0 | 1.945182 | Y |



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## Calibration / Isophorone

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

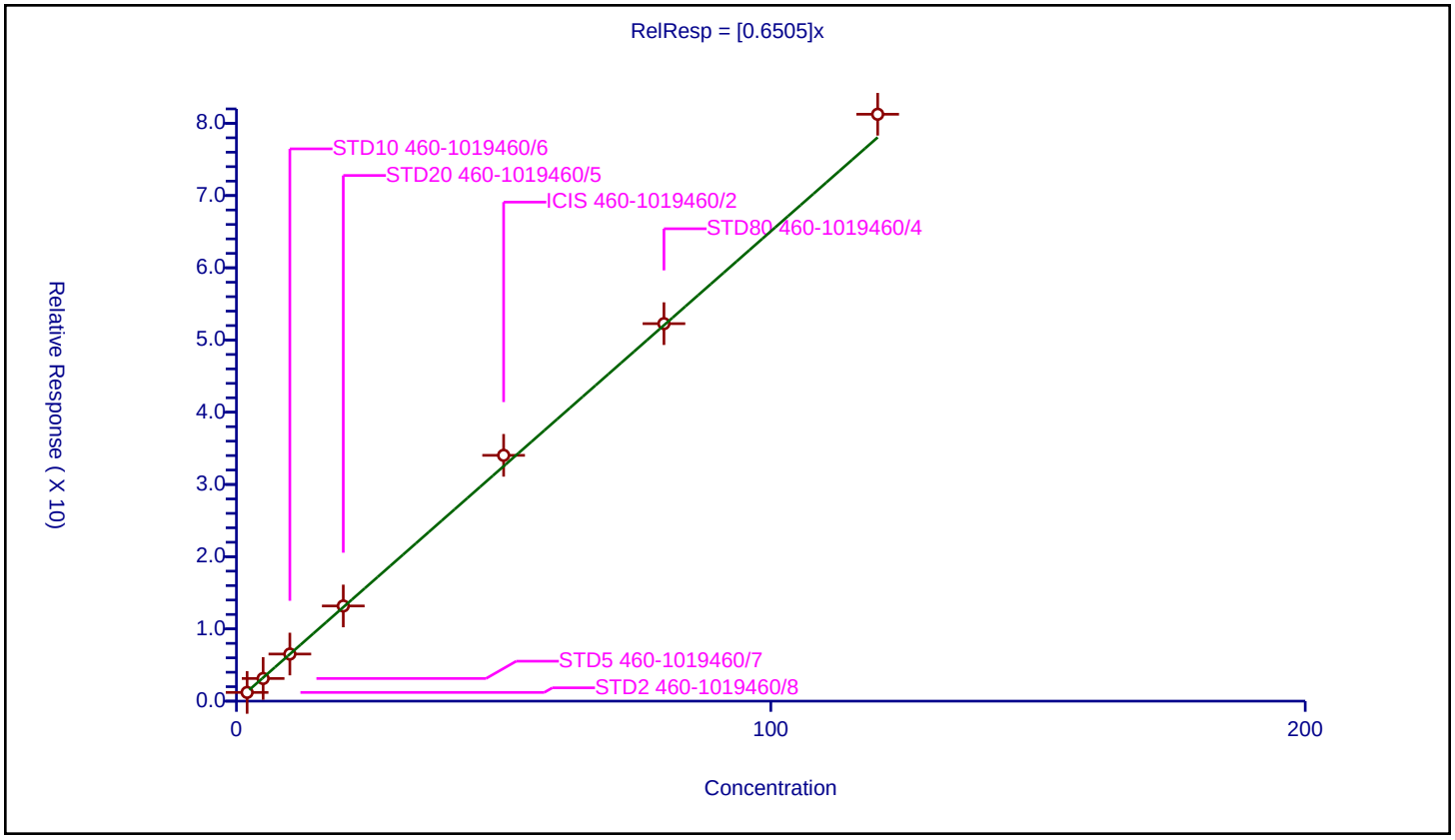
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6505 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 1.207913 | 40.0 | 641735.0 | 0.603956 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 3.137271 | 40.0 | 775349.0 | 0.627454 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 6.52202 | 40.0 | 627597.0 | 0.652202 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 13.177541 | 40.0 | 618431.0 | 0.658877 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 34.034253 | 40.0 | 602466.0 | 0.680685 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 52.266743 | 40.0 | 633358.0 | 0.653334 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 81.257245 | 40.0 | 611496.0 | 0.677144 | Y |



## Calibration / 2-Nitrophenol

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

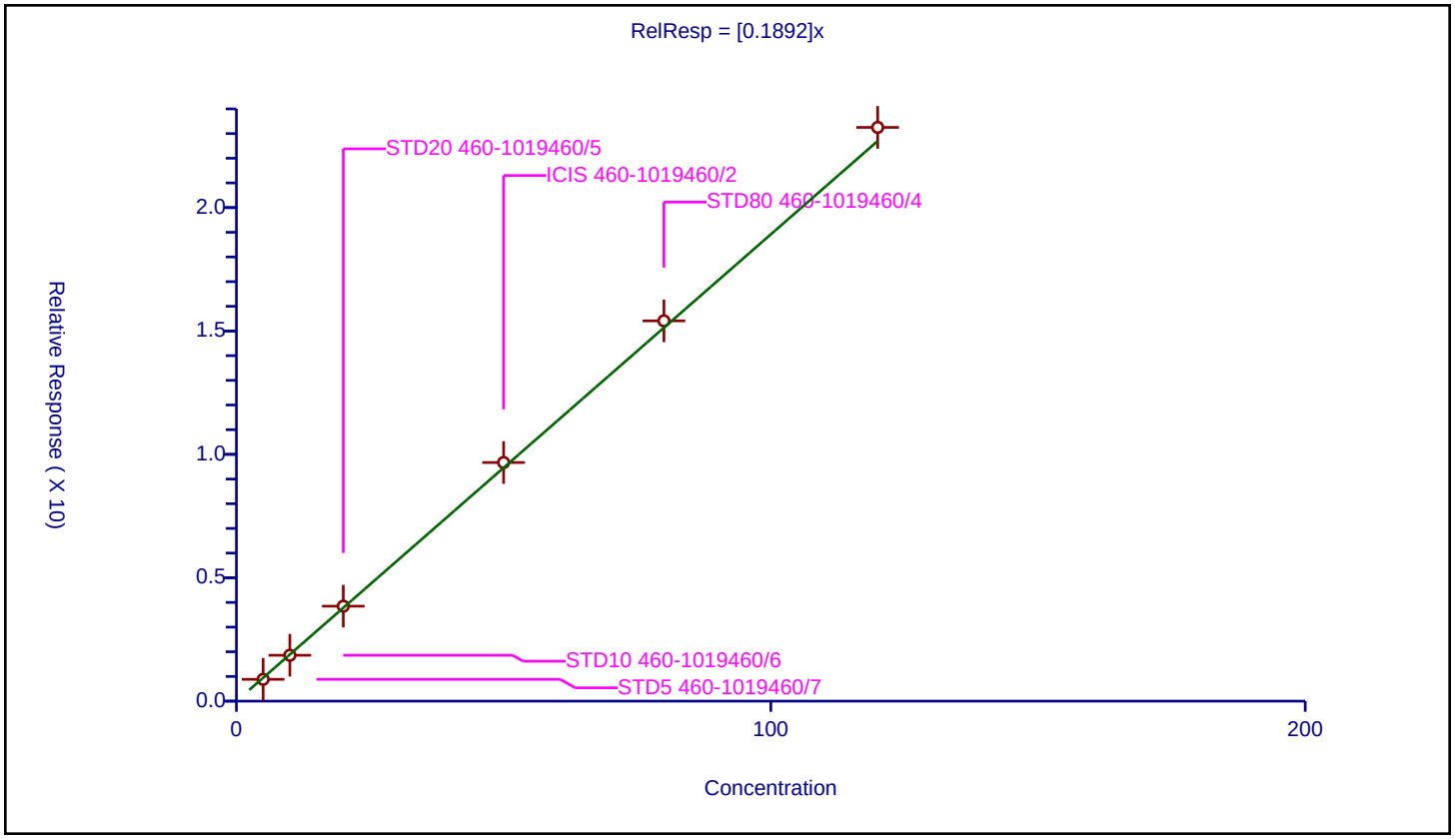
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1892 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 0.883937 | 40.0 | 775349.0 | 0.176787 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 1.859346 | 40.0 | 627597.0 | 0.185935 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 3.848255 | 40.0 | 618431.0 | 0.192413 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 9.669857 | 40.0 | 602466.0 | 0.193397 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 15.411252 | 40.0 | 633358.0 | 0.192641 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 23.249408 | 40.0 | 611496.0 | 0.193745 | Y |



## Calibration / 2,4-Dimethylphenol

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

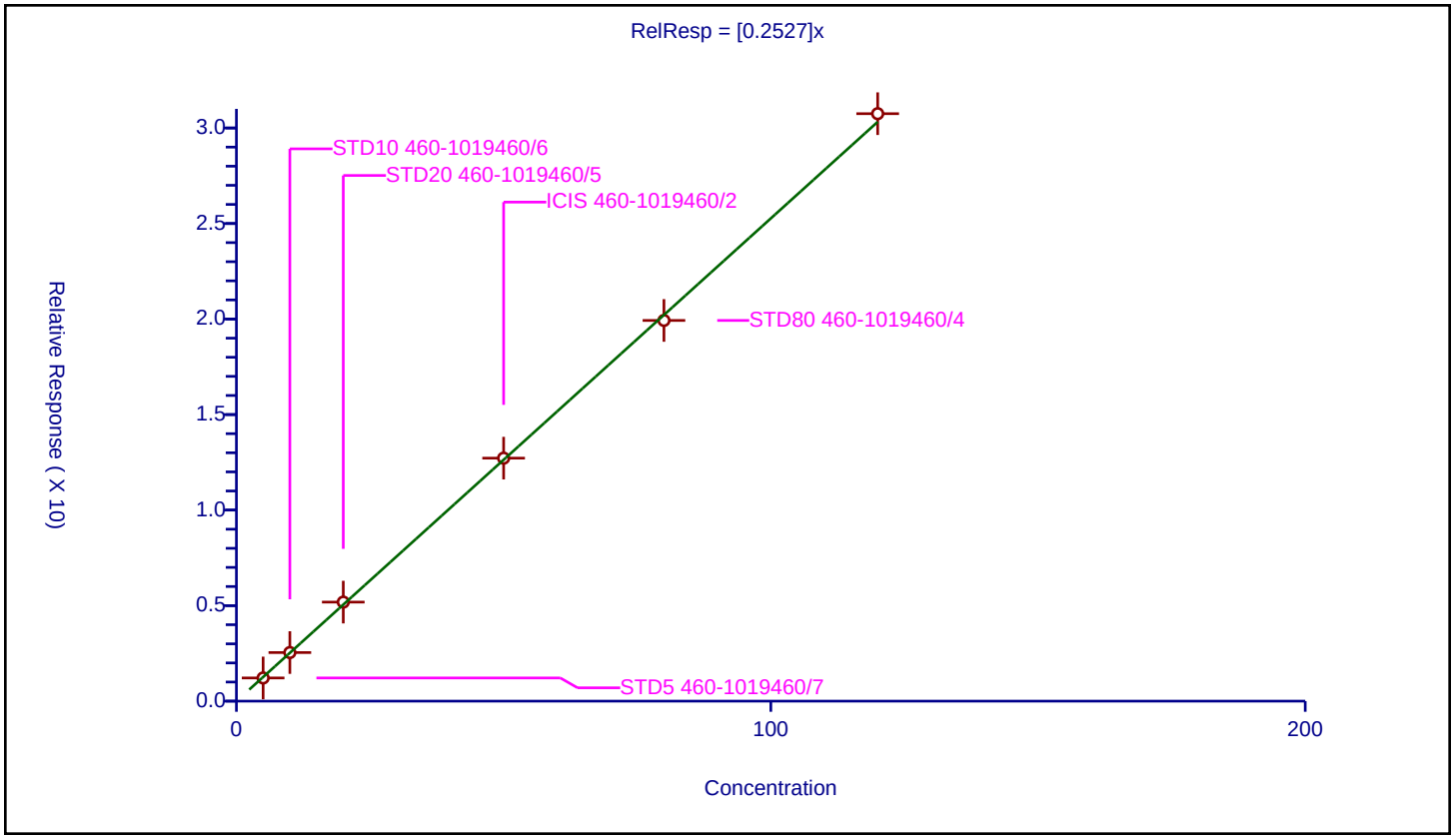
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2527 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.213905 | 40.0 | 775349.0 | 0.242781 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 2.543862 | 40.0 | 627597.0 | 0.254386 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 5.183311 | 40.0 | 618431.0 | 0.259166 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 12.719124 | 40.0 | 602466.0 | 0.254382 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 19.92674 | 40.0 | 633358.0 | 0.249084 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 30.749441 | 40.0 | 611496.0 | 0.256245 | Y |



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## Calibration / Bis(2-chloroethoxy)methane

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

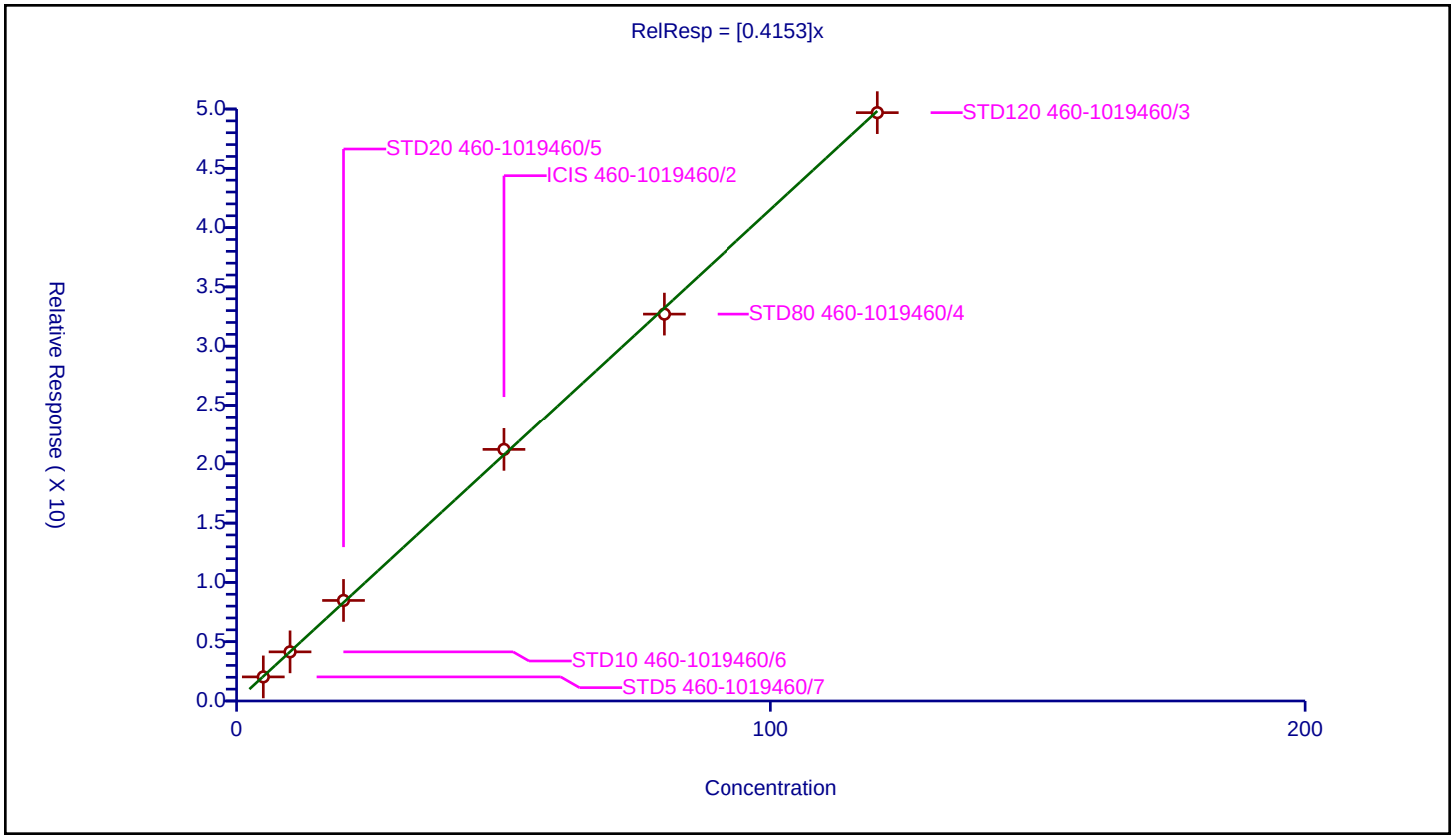
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4153 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.030776 | 40.0 | 775349.0 | 0.406155 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 4.142467 | 40.0 | 627597.0 | 0.414247 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 8.478488 | 40.0 | 618431.0 | 0.423924 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 21.215803 | 40.0 | 602466.0 | 0.424316 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 32.706053 | 40.0 | 633358.0 | 0.408826 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 49.694847 | 40.0 | 611496.0 | 0.414124 | Y |



## Calibration / Benzoic acid

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

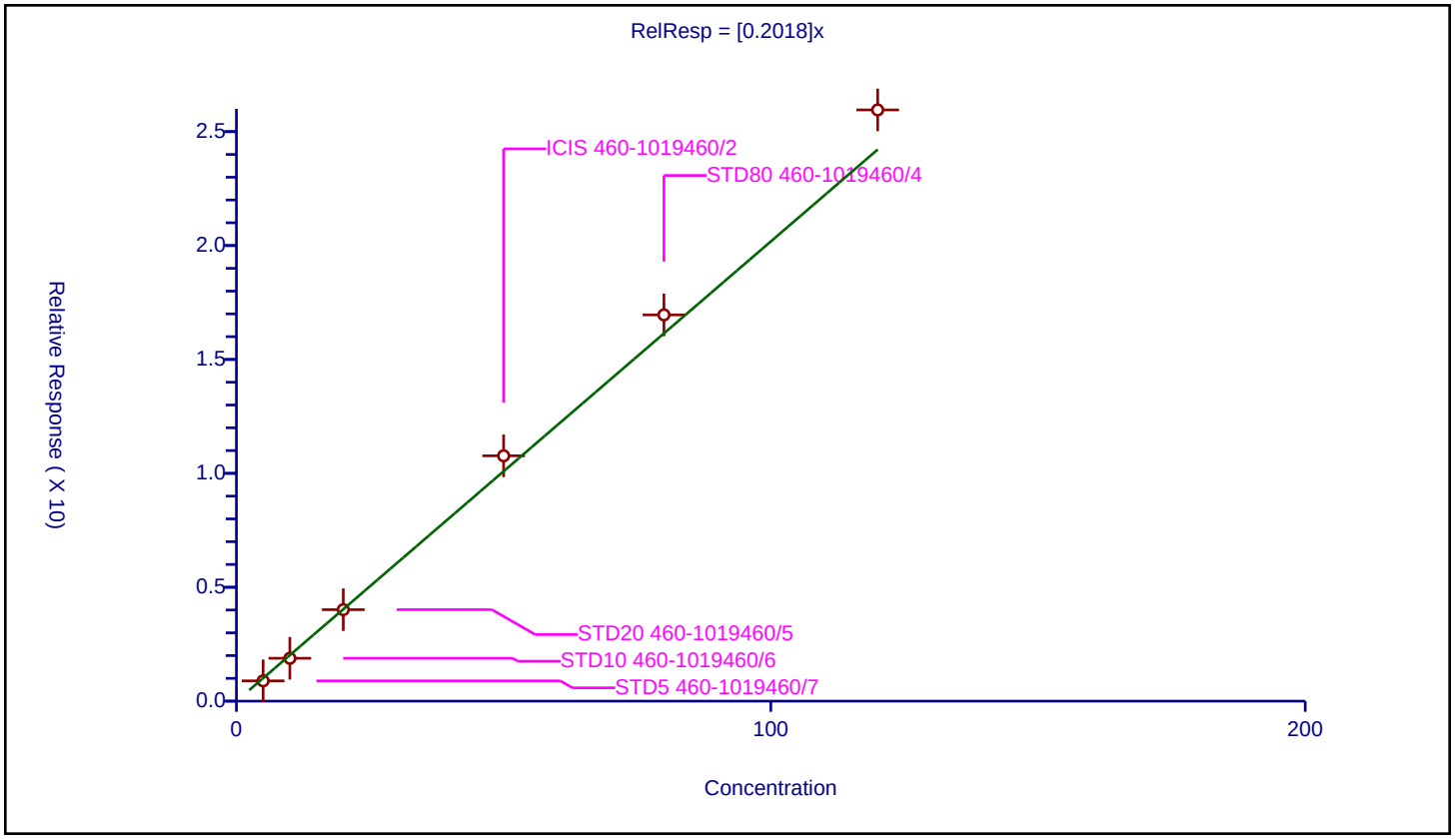
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2018 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 0.890592 | 40.0 | 775349.0 | 0.178118 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 1.882418 | 40.0 | 627597.0 | 0.188242 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 4.015517 | 40.0 | 618431.0 | 0.200776 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 10.770068 | 40.0 | 602466.0 | 0.215401 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 16.957424 | 40.0 | 633358.0 | 0.211968 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 25.953988 | 40.0 | 611496.0 | 0.216283 | Y |



## Calibration / 2,4-Dichlorophenol

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

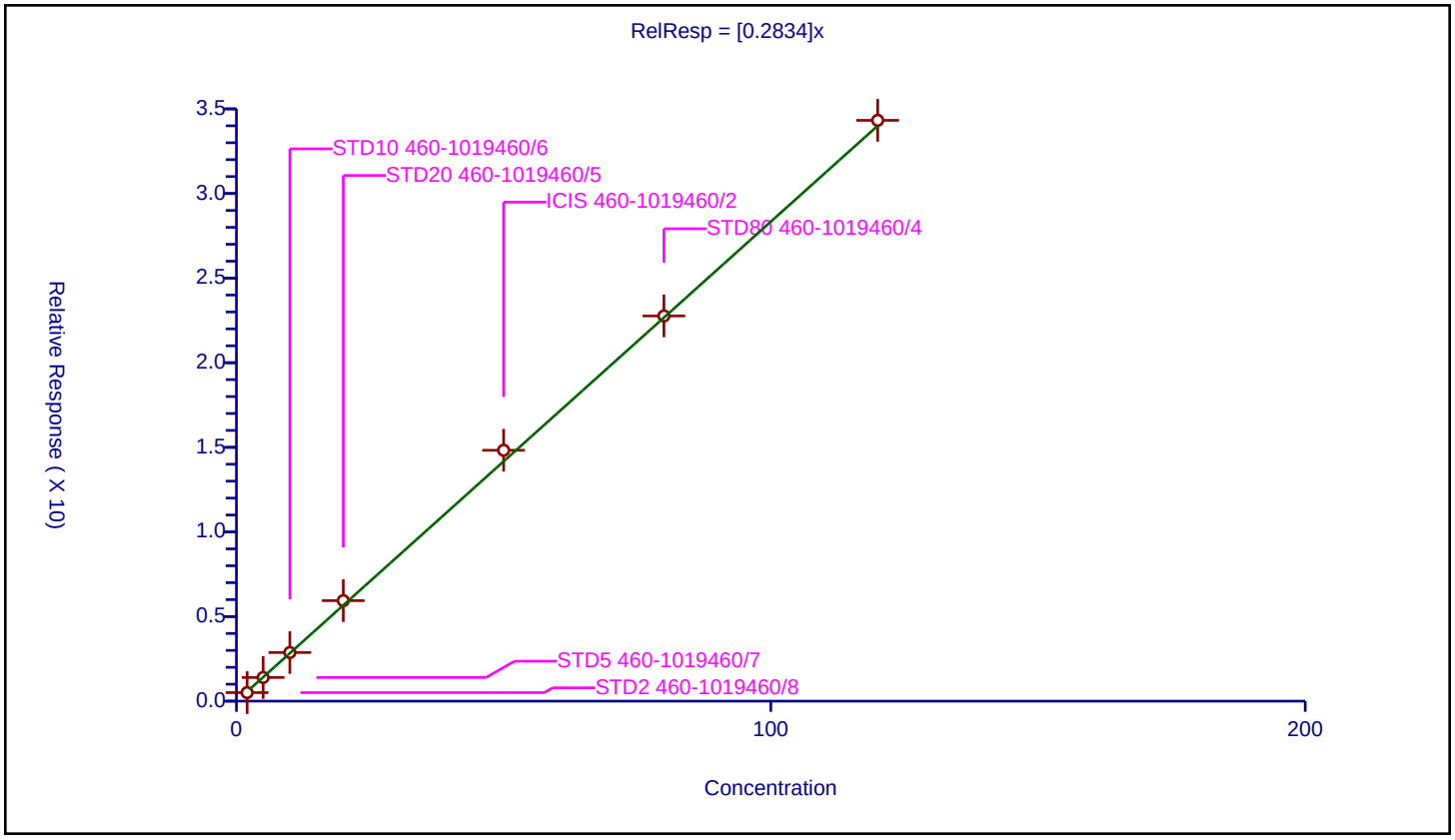
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2834 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 0.505131 | 40.0 | 641735.0 | 0.252565 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 1.397667 | 40.0 | 775349.0 | 0.279533 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 2.873181 | 40.0 | 627597.0 | 0.287318 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 5.9389 | 40.0 | 618431.0 | 0.296945 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 14.82653 | 40.0 | 602466.0 | 0.296531 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 22.764755 | 40.0 | 633358.0 | 0.284559 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 34.323888 | 40.0 | 611496.0 | 0.286032 | Y |



## Calibration / 1,2,4-Trichlorobenzene

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

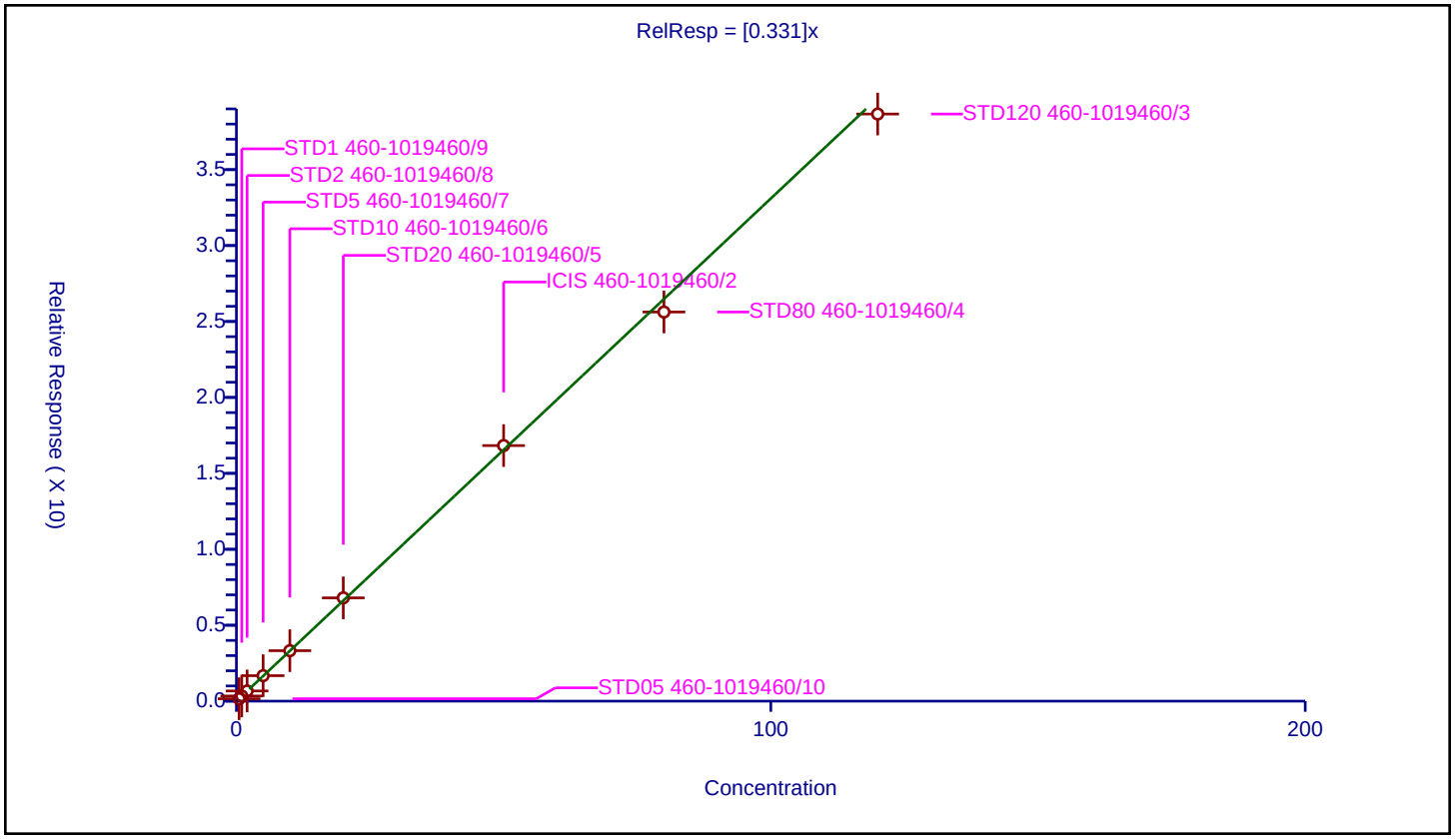
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.331 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.158784 | 40.0 | 636338.0 | 0.317567 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.339332 | 40.0 | 636899.0 | 0.339332 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 0.670183 | 40.0 | 641735.0 | 0.335092 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 1.677283 | 40.0 | 775349.0 | 0.335457 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 3.322578 | 40.0 | 627597.0 | 0.332258 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 6.800759 | 40.0 | 618431.0 | 0.340038 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 16.829697 | 40.0 | 602466.0 | 0.336594 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 25.62456 | 40.0 | 633358.0 | 0.320307 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 38.661578 | 40.0 | 611496.0 | 0.32218 | Y |



## Calibration / Naphthalene

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

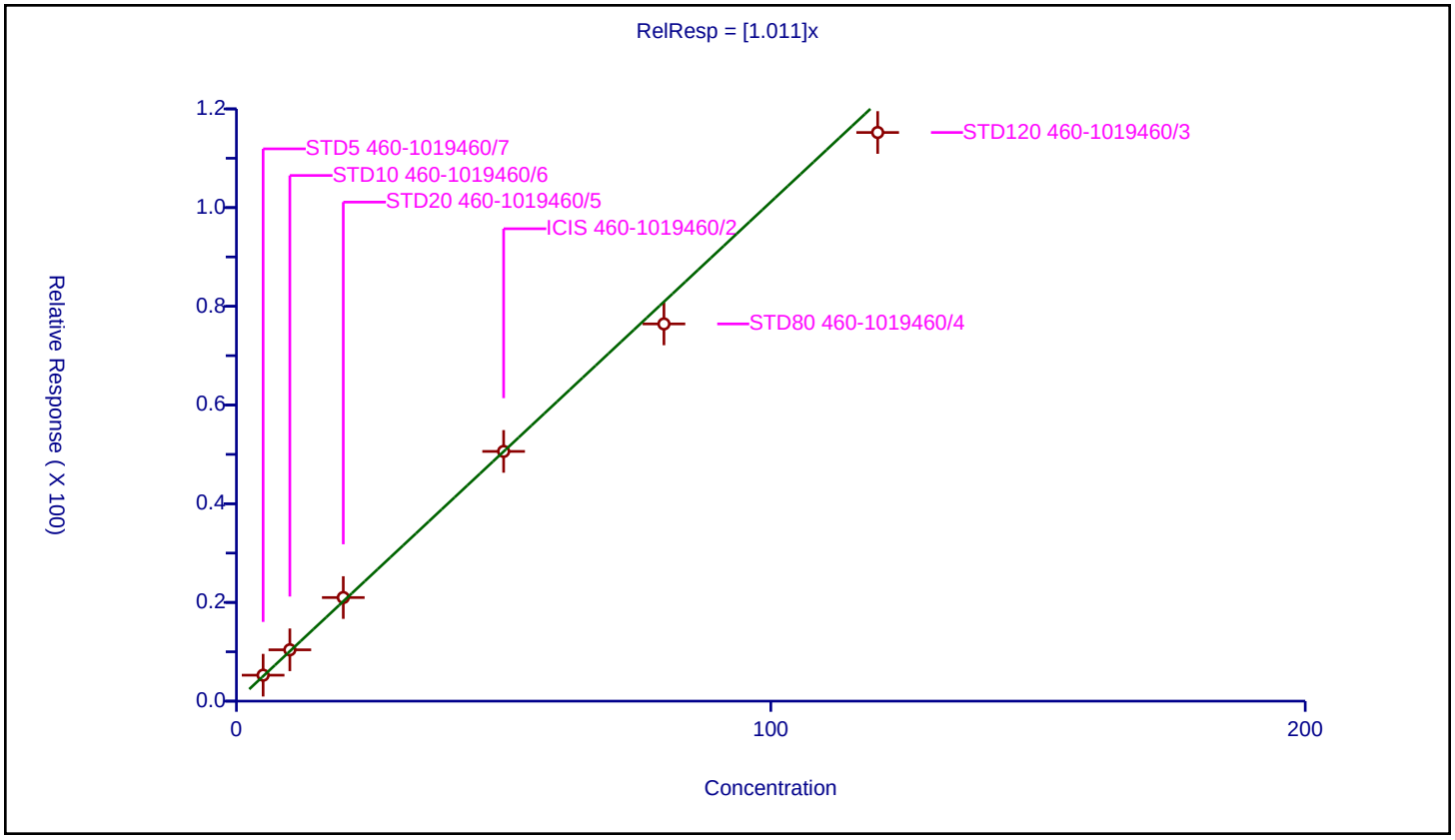
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.011 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.257503 | 40.0 | 775349.0 | 1.051501 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 10.404001 | 40.0 | 627597.0 | 1.0404 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 20.987628 | 40.0 | 618431.0 | 1.049381 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 50.601627 | 40.0 | 602466.0 | 1.012033 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 76.431402 | 40.0 | 633358.0 | 0.955393 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 115.221228 | 40.0 | 611496.0 | 0.960177 | Y |



## Calibration / 2,6-Dichlorophenol

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

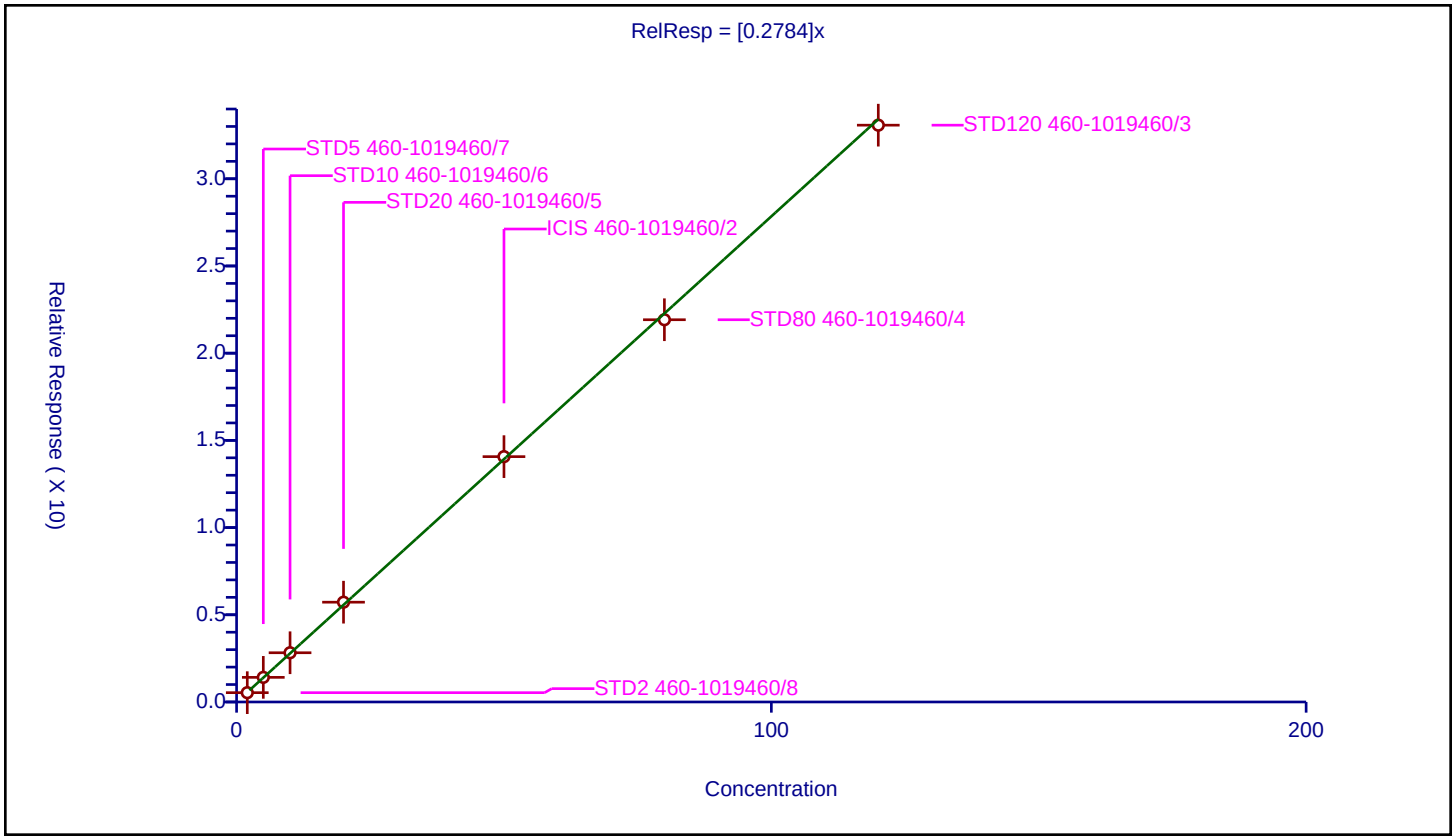
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2784 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 0.534302 | 40.0 | 641735.0 | 0.267151 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 1.412628 | 40.0 | 775349.0 | 0.282526 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 2.823149 | 40.0 | 627597.0 | 0.282315 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 5.722482 | 40.0 | 618431.0 | 0.286124 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 14.068313 | 40.0 | 602466.0 | 0.281366 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 21.918409 | 40.0 | 633358.0 | 0.27398 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 33.073446 | 40.0 | 611496.0 | 0.275612 | Y |



## Calibration / 4-Chloroaniline

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

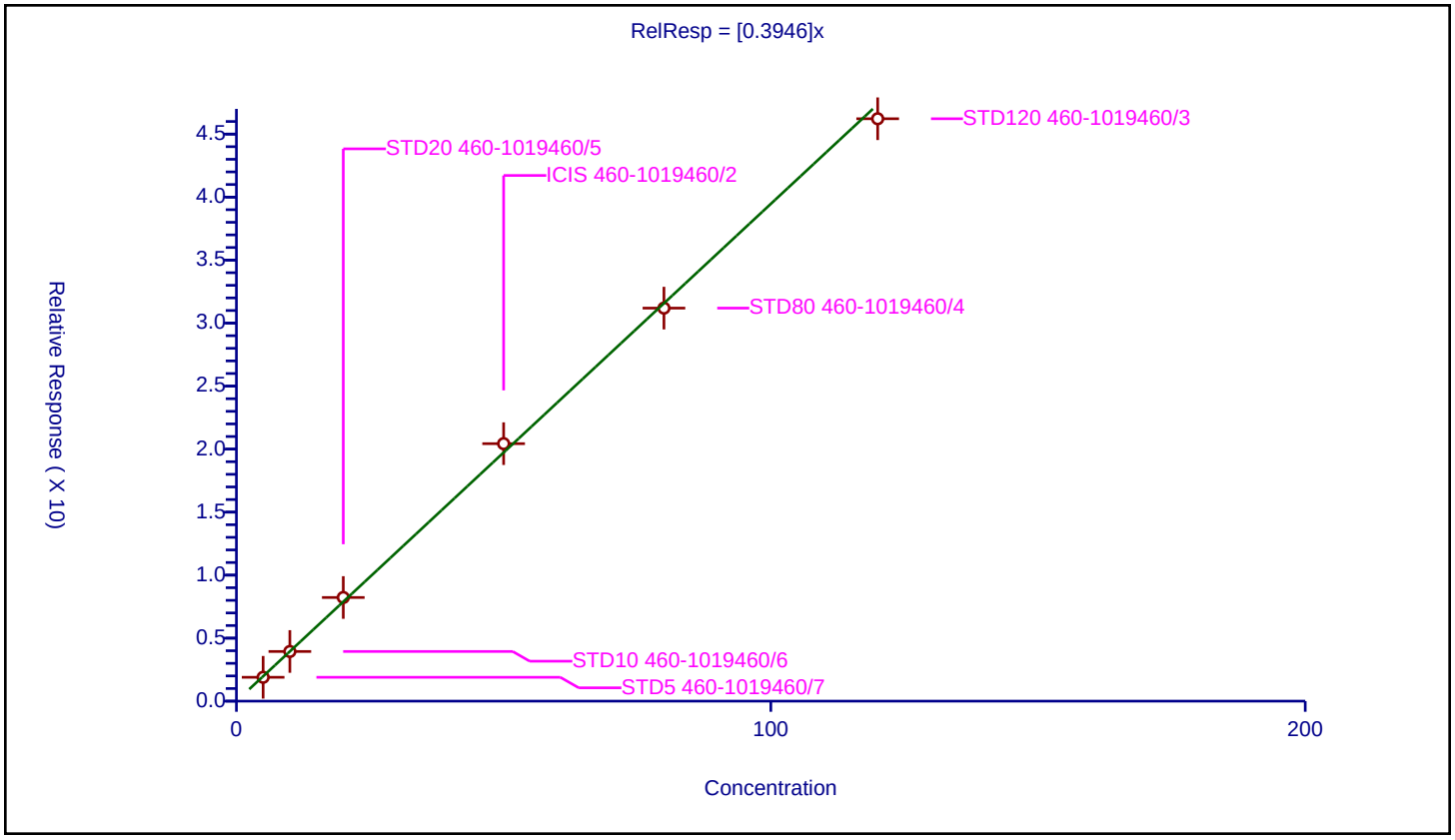
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3946 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.893238 | 40.0 | 775349.0 | 0.378648 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.940618 | 40.0 | 627597.0 | 0.394062 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 8.226172 | 40.0 | 618431.0 | 0.411309 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 20.434016 | 40.0 | 602466.0 | 0.40868 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 31.188933 | 40.0 | 633358.0 | 0.389862 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 46.217277 | 40.0 | 611496.0 | 0.385144 | Y |



## Calibration / Hexachlorobutadiene

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

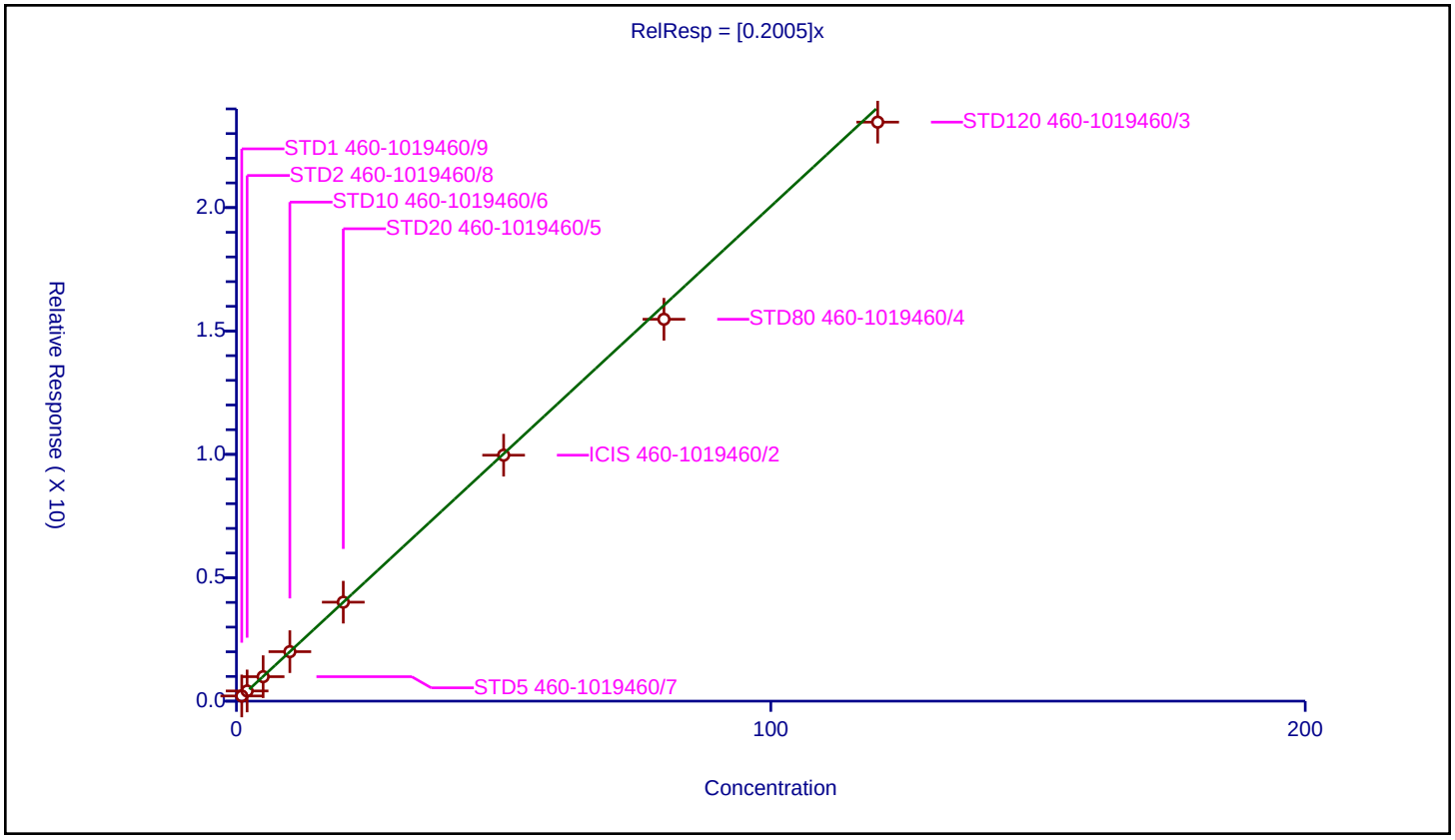
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2005 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.209955 | 40.0 | 636899.0 | 0.209955 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.412631 | 40.0 | 641735.0 | 0.206316 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 0.991141 | 40.0 | 775349.0 | 0.198228 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 2.004853 | 40.0 | 627597.0 | 0.200485 | Y |
| 5 | STD20 460-1019460/5 | 20.0 | 4.010666 | 40.0 | 618431.0 | 0.200533 | Y |
| 6 | ICIS 460-1019460/2 | 50.0 | 9.967367 | 40.0 | 602466.0 | 0.199347 | Y |
| 7 | STD80 460-1019460/4 | 80.0 | 15.475797 | 40.0 | 633358.0 | 0.193447 | Y |
| 8 | STD120 460-1019460/3 | 120.0 | 23.463179 | 40.0 | 611496.0 | 0.195526 | Y |



## Calibration / Caprolactam

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

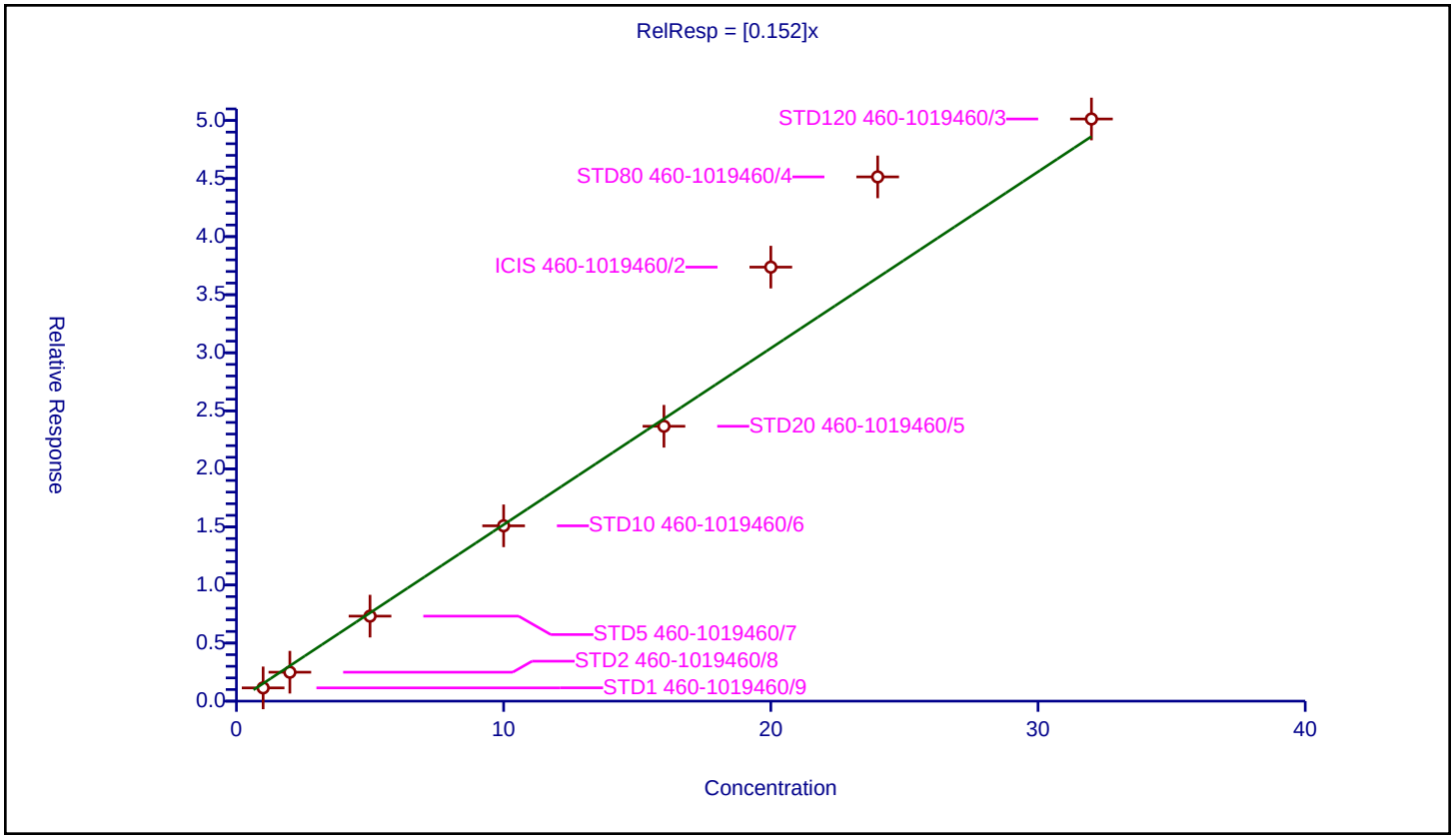
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.152 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.114115 | 40.0 | 636899.0 | 0.114115 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.249075 | 40.0 | 641735.0 | 0.124537 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 0.732057 | 40.0 | 775349.0 | 0.146411 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 1.509759 | 40.0 | 627597.0 | 0.150976 | Y |
| 5 | STD20 460-1019460/5 | 16.0 | 2.367087 | 40.0 | 618431.0 | 0.147943 | Y |
| 6 | ICIS 460-1019460/2 | 20.0 | 3.737306 | 40.0 | 602466.0 | 0.186865 | Y |
| 7 | STD80 460-1019460/4 | 24.0 | 4.514414 | 40.0 | 633358.0 | 0.188101 | Y |
| 8 | STD120 460-1019460/3 | 32.0 | 5.013017 | 40.0 | 611496.0 | 0.156657 | Y |



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## Calibration / 4-Chloro-3-methylphenol

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

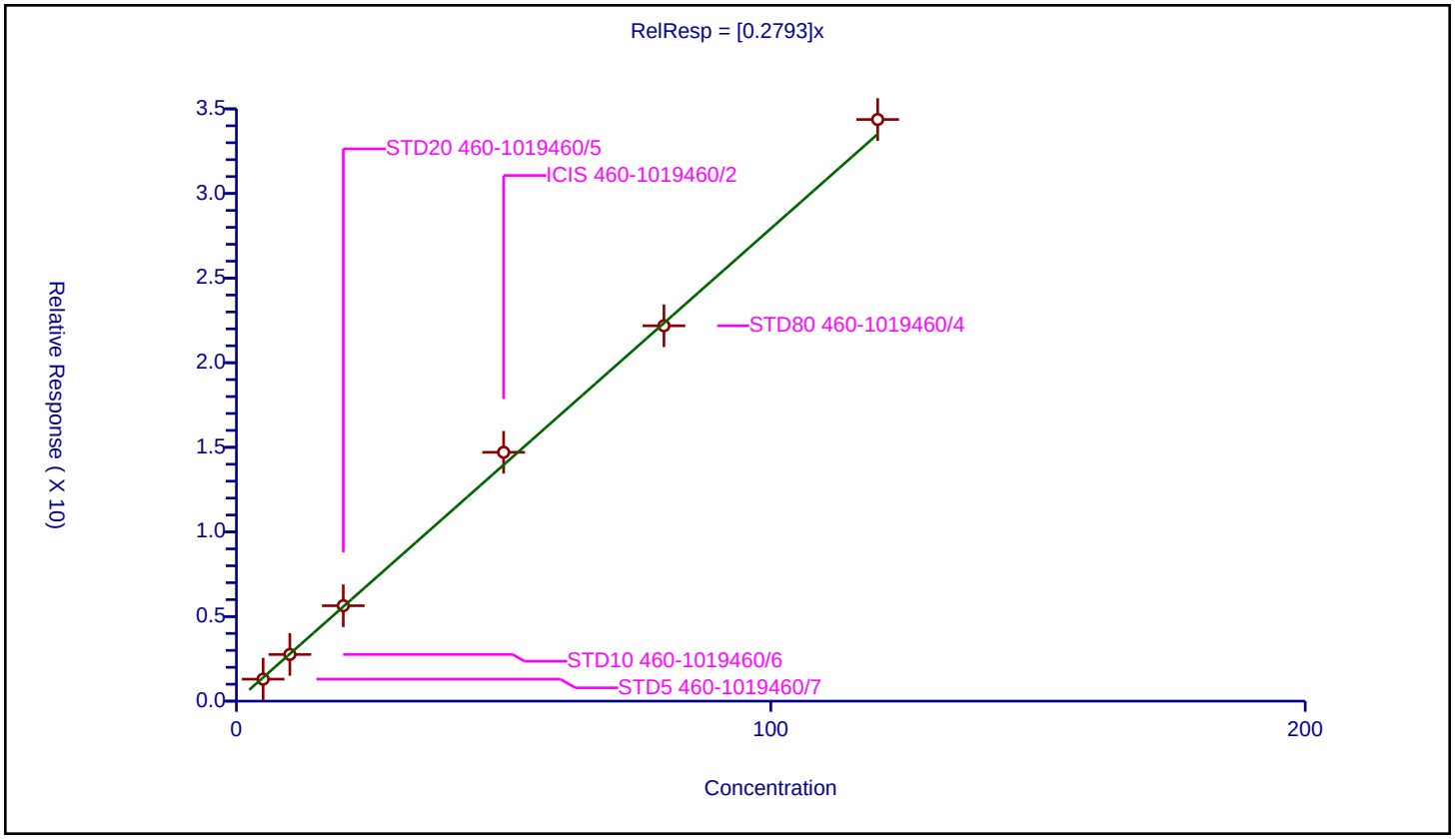
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2793 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.299389 | 40.0 | 775349.0 | 0.259878 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 2.758458 | 40.0 | 627597.0 | 0.275846 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 5.639433 | 40.0 | 618431.0 | 0.281972 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 14.706755 | 40.0 | 602466.0 | 0.294135 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 22.182336 | 40.0 | 633358.0 | 0.277279 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 34.374125 | 40.0 | 611496.0 | 0.286451 | Y |



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## Calibration / 2-Methylnaphthalene

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

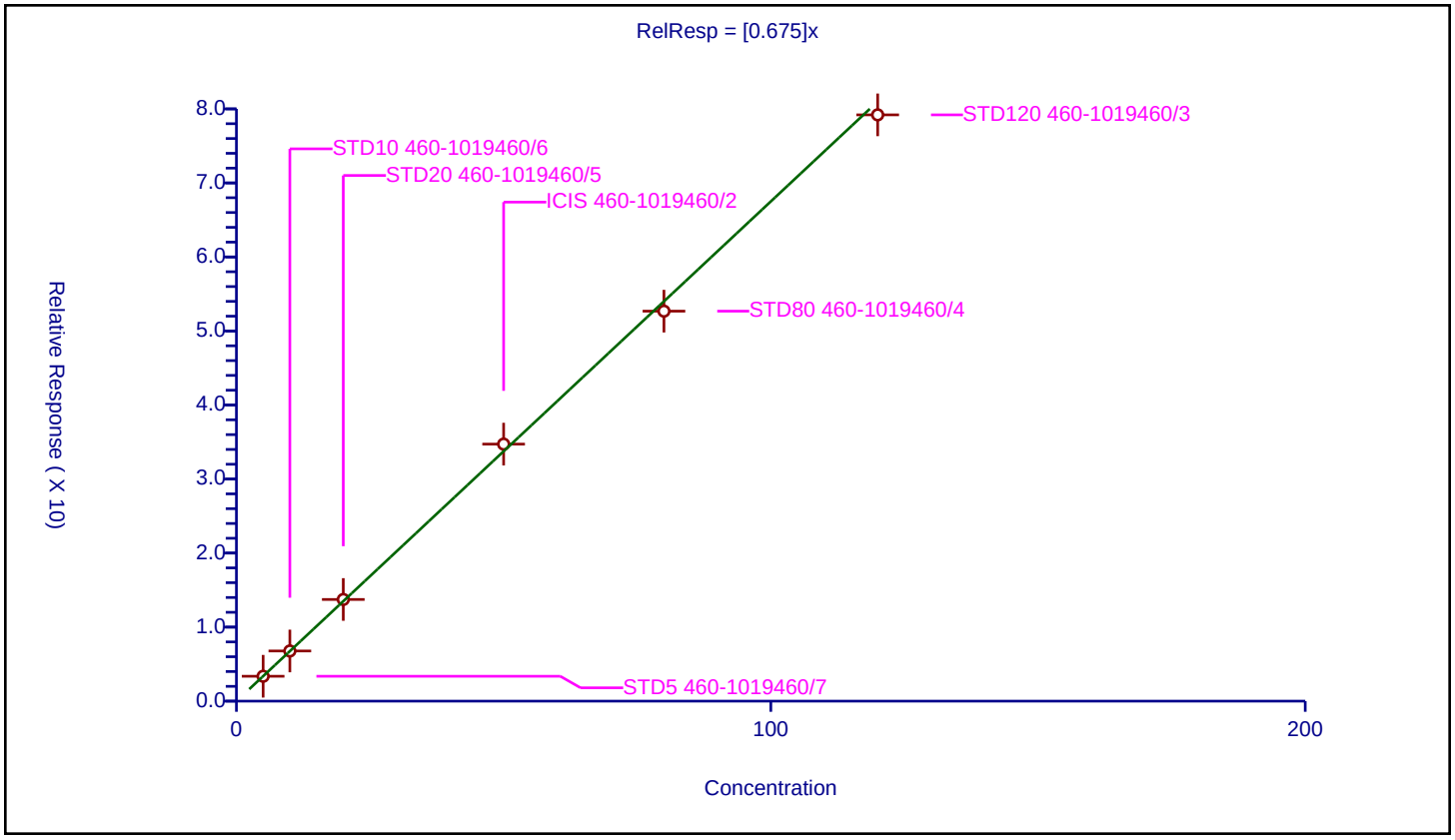
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.675 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.363543 | 40.0 | 775349.0 | 0.672709 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 6.77645 | 40.0 | 627597.0 | 0.677645 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 13.733852 | 40.0 | 618431.0 | 0.686693 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 34.720897 | 40.0 | 602466.0 | 0.694418 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 52.677633 | 40.0 | 633358.0 | 0.65847 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 79.194304 | 40.0 | 611496.0 | 0.659953 | Y |



## Calibration / 1-Methylnaphthalene

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

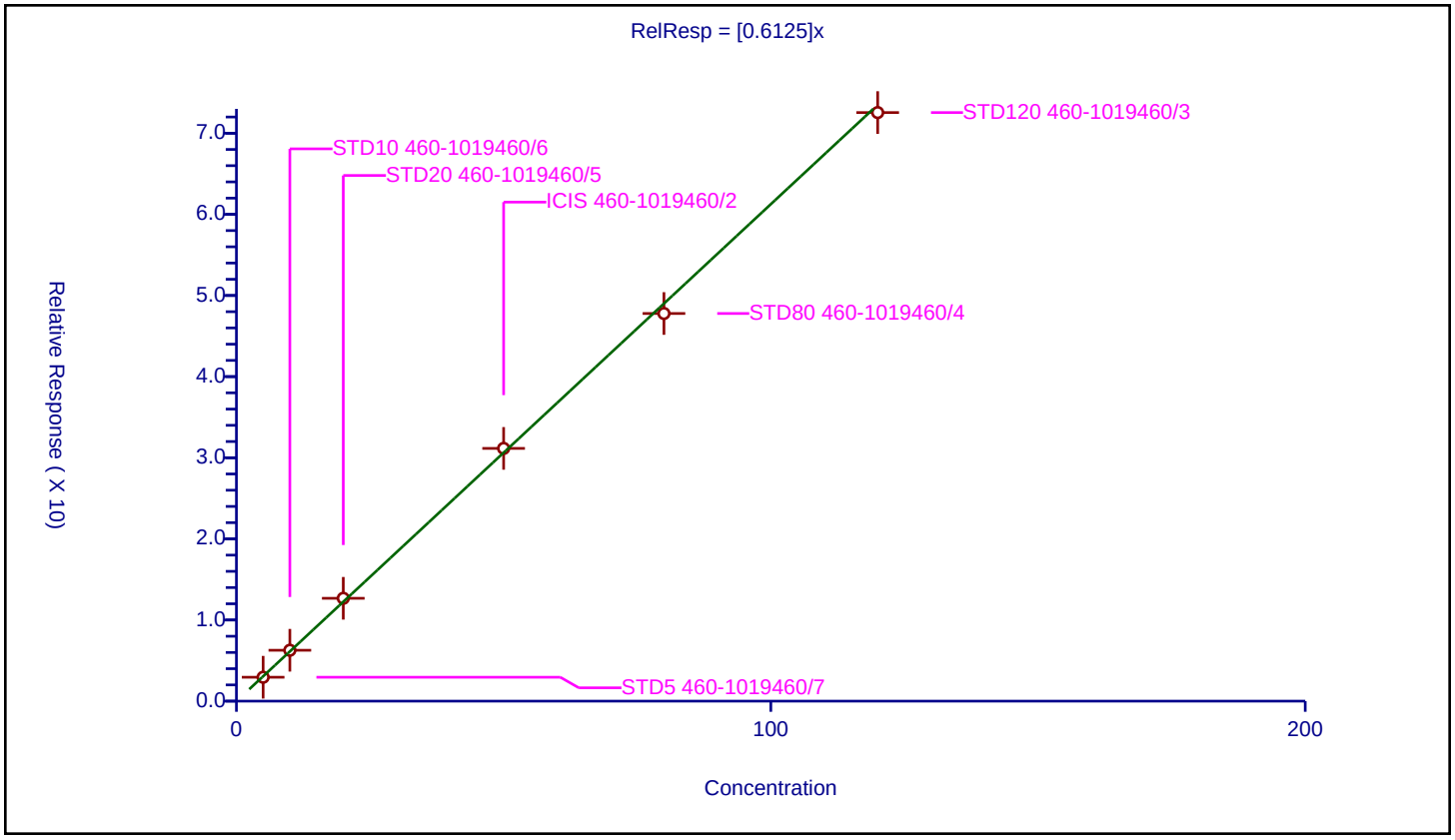
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6125 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.945358 | 40.0 | 775349.0 | 0.589072 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 6.273389 | 40.0 | 627597.0 | 0.627339 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 12.678148 | 40.0 | 618431.0 | 0.633907 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 31.151633 | 40.0 | 602466.0 | 0.623033 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 47.782076 | 40.0 | 633358.0 | 0.597276 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 72.546738 | 40.0 | 611496.0 | 0.604556 | Y |



## Calibration / Hexachlorocyclopentadiene

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

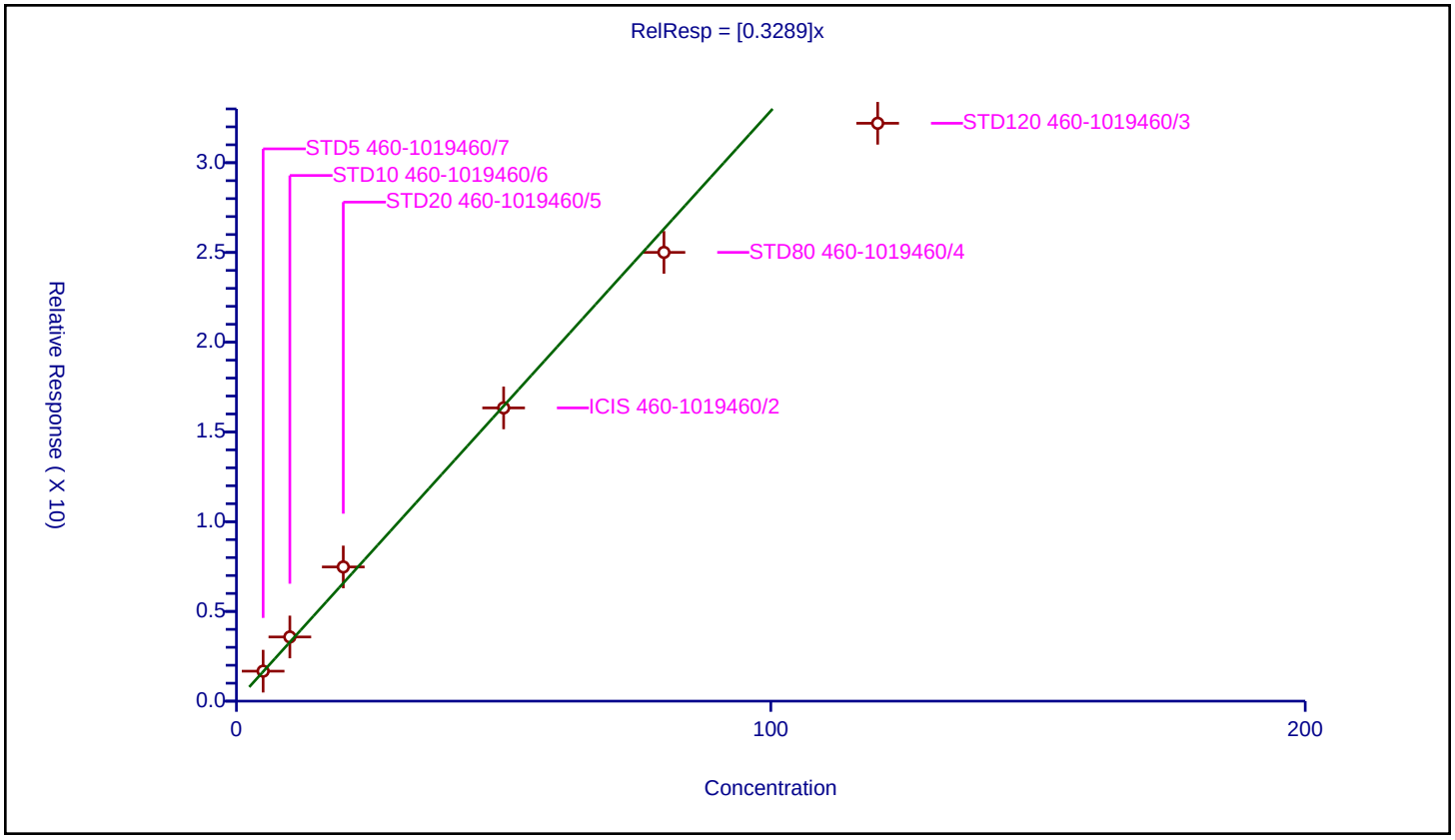
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3289 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.670844 | 40.0 | 400564.0 | 0.334169 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.5765 | 40.0 | 329171.0 | 0.35765 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 7.477348 | 40.0 | 318300.0 | 0.373867 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 16.338792 | 40.0 | 316584.0 | 0.326776 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 25.005075 | 40.0 | 329050.0 | 0.312563 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 32.198637 | 40.0 | 316437.0 | 0.268322 | Y |



## Calibration / 1,2,4,5-Tetrachlorobenzene

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

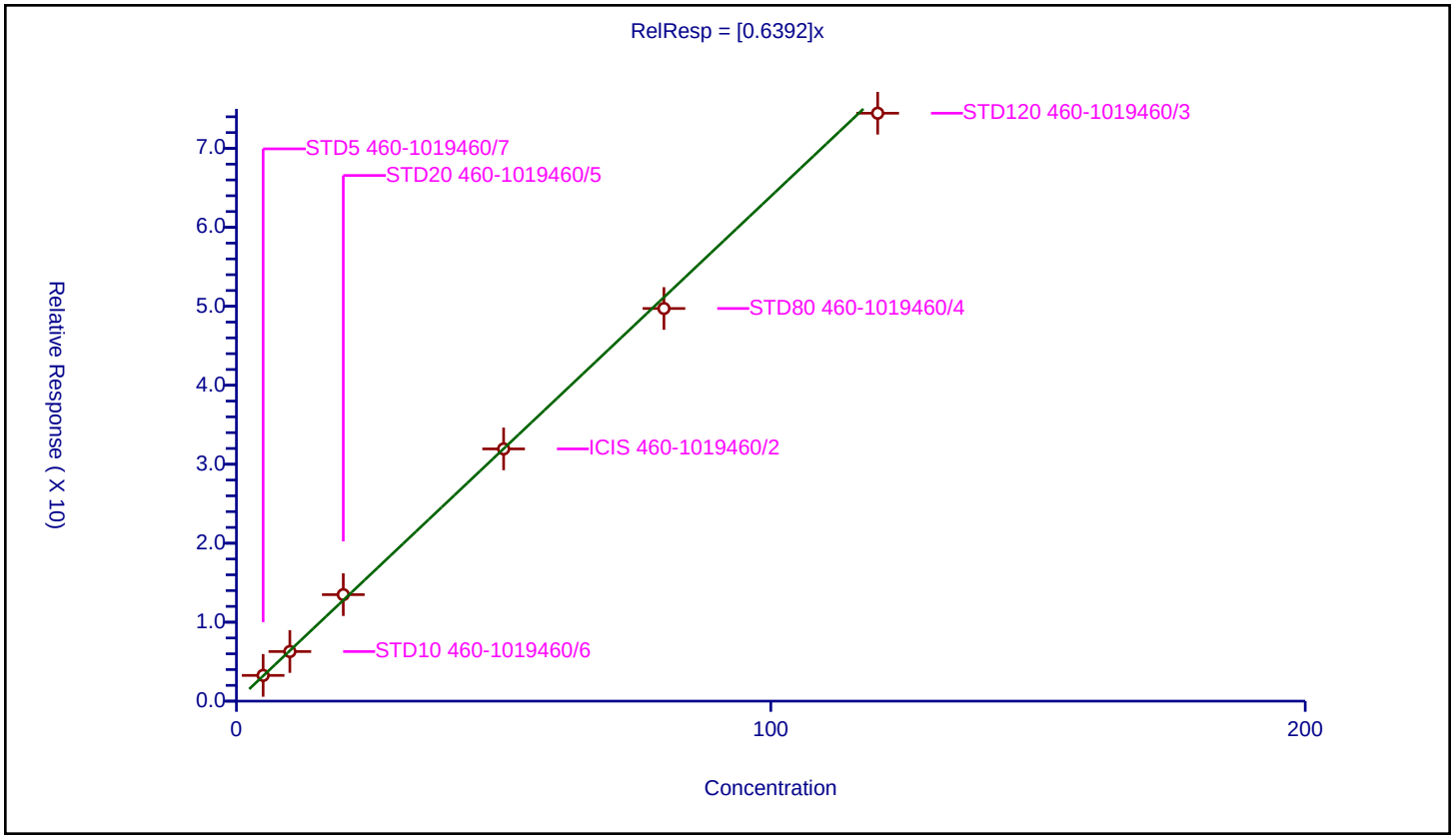
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6392 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.260702 | 40.0 | 400564.0 | 0.65214 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 6.282935 | 40.0 | 329171.0 | 0.628294 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 13.485014 | 40.0 | 318300.0 | 0.674251 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 31.940844 | 40.0 | 316584.0 | 0.638817 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 49.722899 | 40.0 | 329050.0 | 0.621536 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 74.451976 | 40.0 | 316437.0 | 0.620433 | Y |



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## Calibration / 2-tertbutyl-4-methylphenol

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

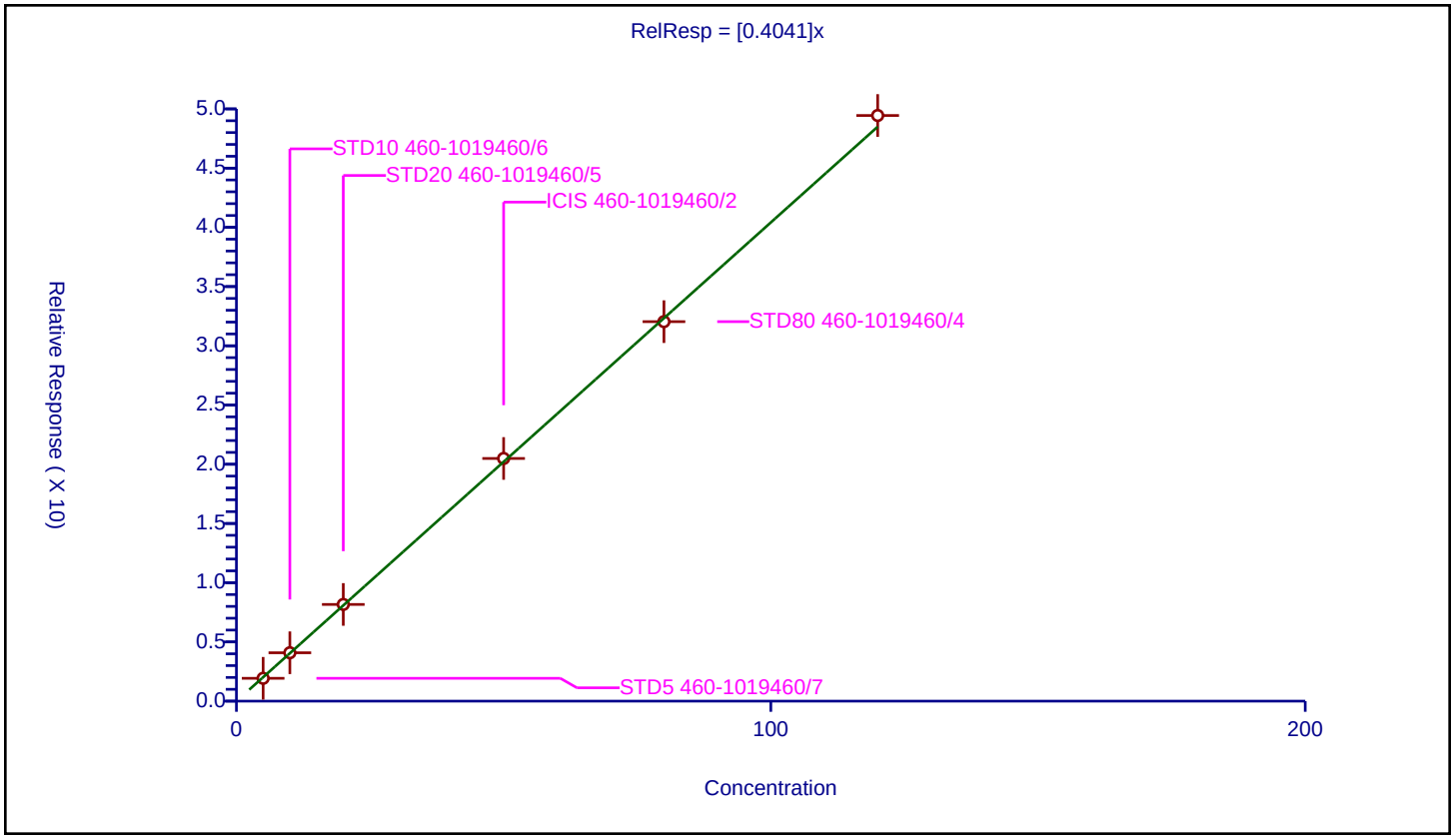
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4041 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.928628 | 40.0 | 775349.0 | 0.385726 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 4.085361 | 40.0 | 627597.0 | 0.408536 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 8.16395 | 40.0 | 618431.0 | 0.408198 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 20.486932 | 40.0 | 602466.0 | 0.409739 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 32.039257 | 40.0 | 633358.0 | 0.400491 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 49.443136 | 40.0 | 611496.0 | 0.412026 | Y |



## Calibration / 2,4,6-Trichlorophenol

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

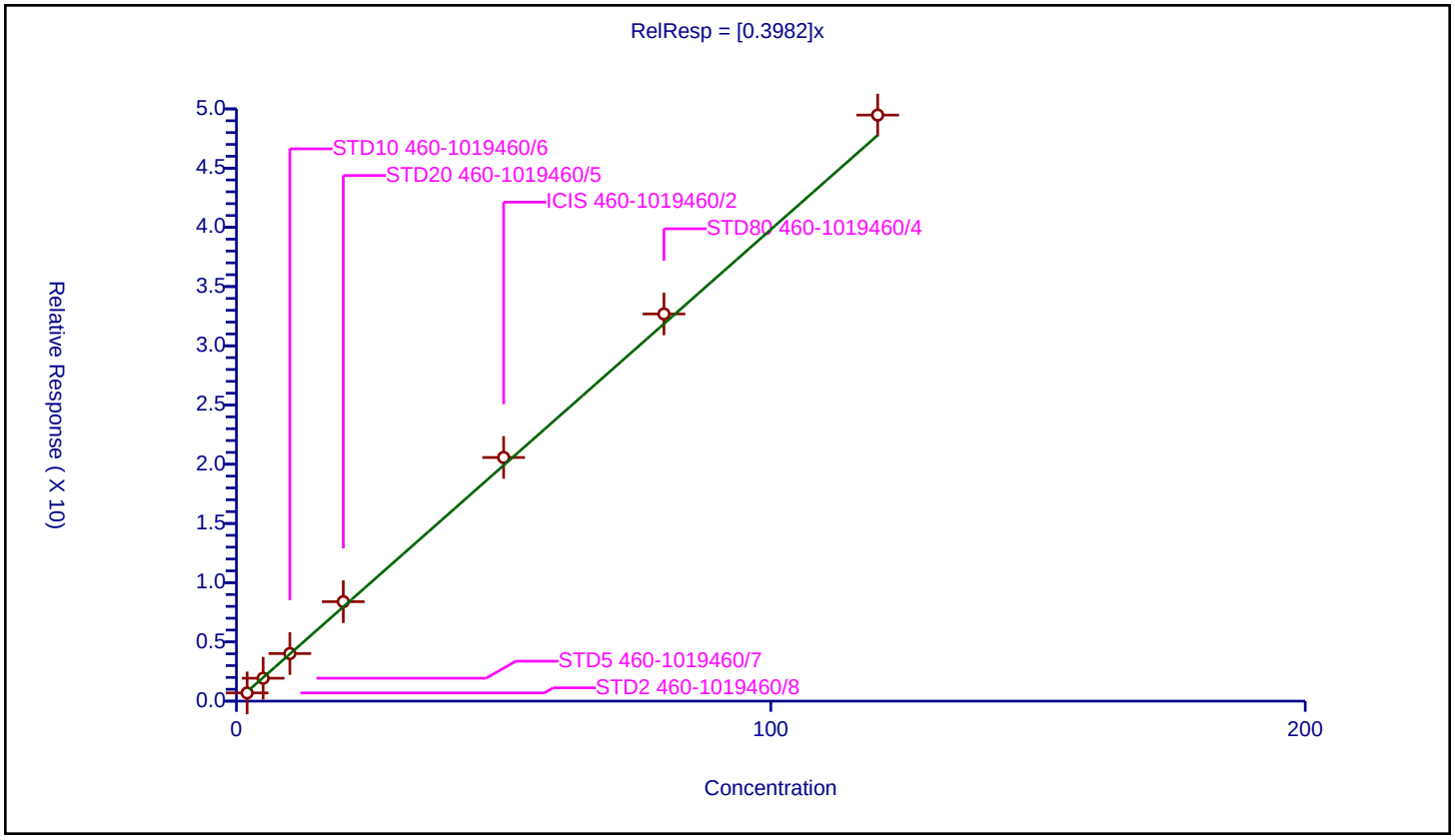
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3982 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 0.692776 | 40.0 | 331247.0 | 0.346388 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 1.933873 | 40.0 | 400564.0 | 0.386775 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 4.017972 | 40.0 | 329171.0 | 0.401797 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 8.396984 | 40.0 | 318300.0 | 0.419849 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 20.571476 | 40.0 | 316584.0 | 0.41143 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 32.690716 | 40.0 | 329050.0 | 0.408634 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 49.480687 | 40.0 | 316437.0 | 0.412339 | Y |



## Calibration / 2,4,5-Trichlorophenol

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

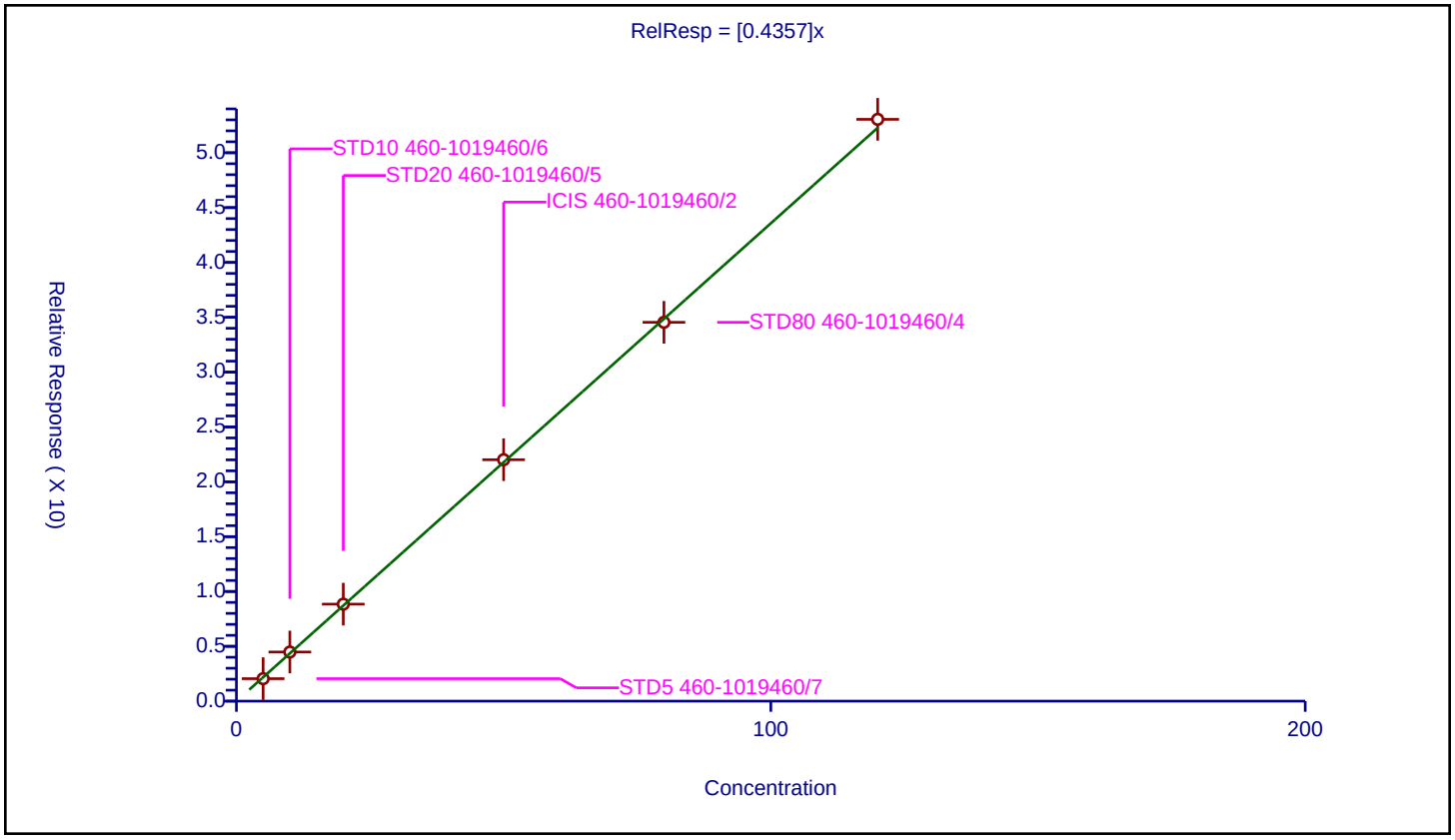
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4357 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.049211 | 40.0 | 400564.0 | 0.409842 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 4.478888 | 40.0 | 329171.0 | 0.447889 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 8.842978 | 40.0 | 318300.0 | 0.442149 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 22.012357 | 40.0 | 316584.0 | 0.440247 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 34.540283 | 40.0 | 329050.0 | 0.431754 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 53.047147 | 40.0 | 316437.0 | 0.44206 | Y |



## Calibration / 2-Fluorobiphenyl

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

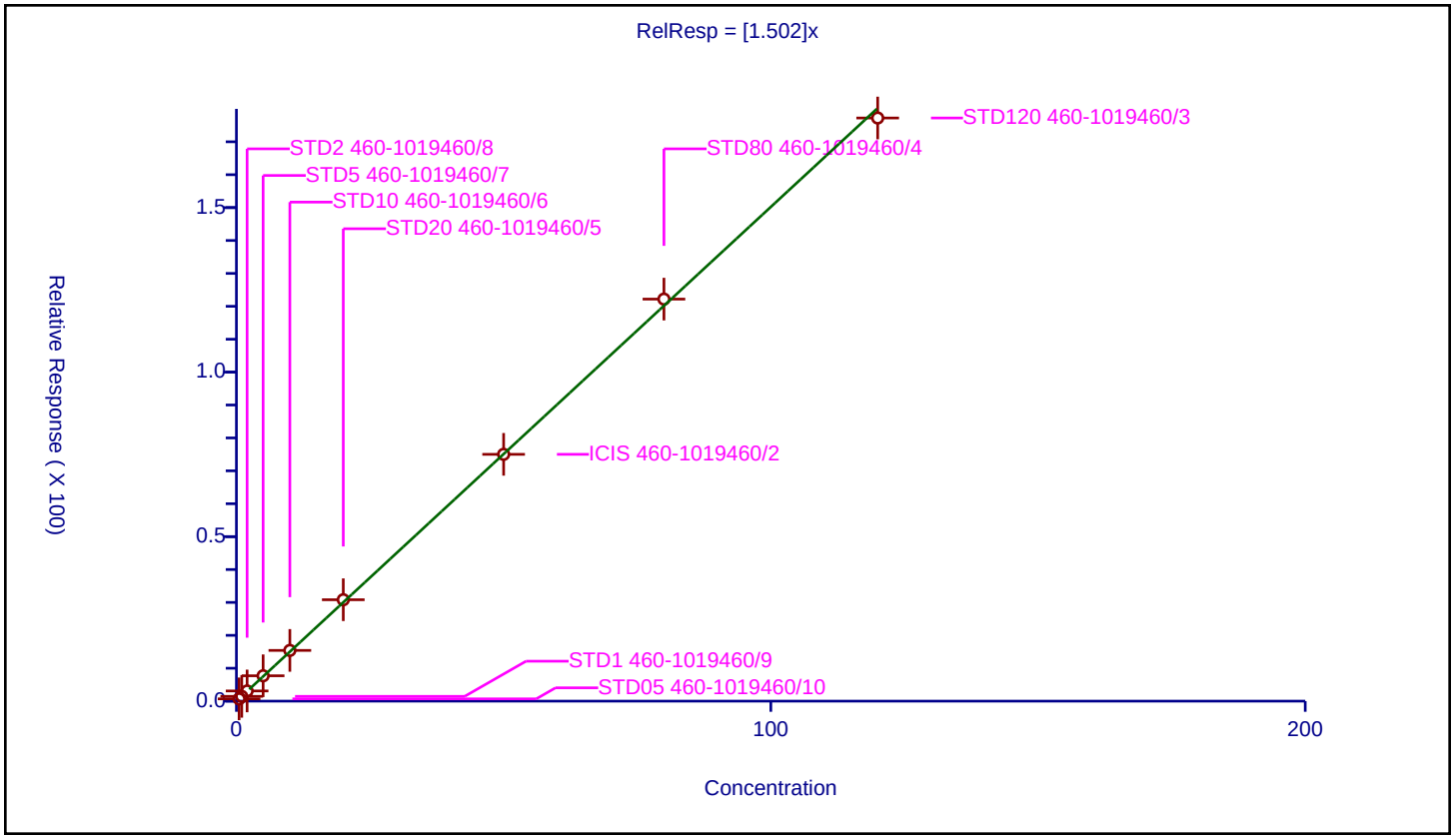
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.502 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.694161 | 40.0 | 329261.0 | 1.388321 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.453091 | 40.0 | 335533.0 | 1.453091 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 3.095696 | 40.0 | 331247.0 | 1.547848 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 7.707732 | 40.0 | 400564.0 | 1.541546 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 15.417397 | 40.0 | 329171.0 | 1.54174 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 30.824003 | 40.0 | 318300.0 | 1.5412 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 75.013393 | 40.0 | 316584.0 | 1.500268 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 122.189819 | 40.0 | 329050.0 | 1.527373 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 177.230602 | 40.0 | 316437.0 | 1.476922 | Y |



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## Calibration / 1,1'-Biphenyl

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

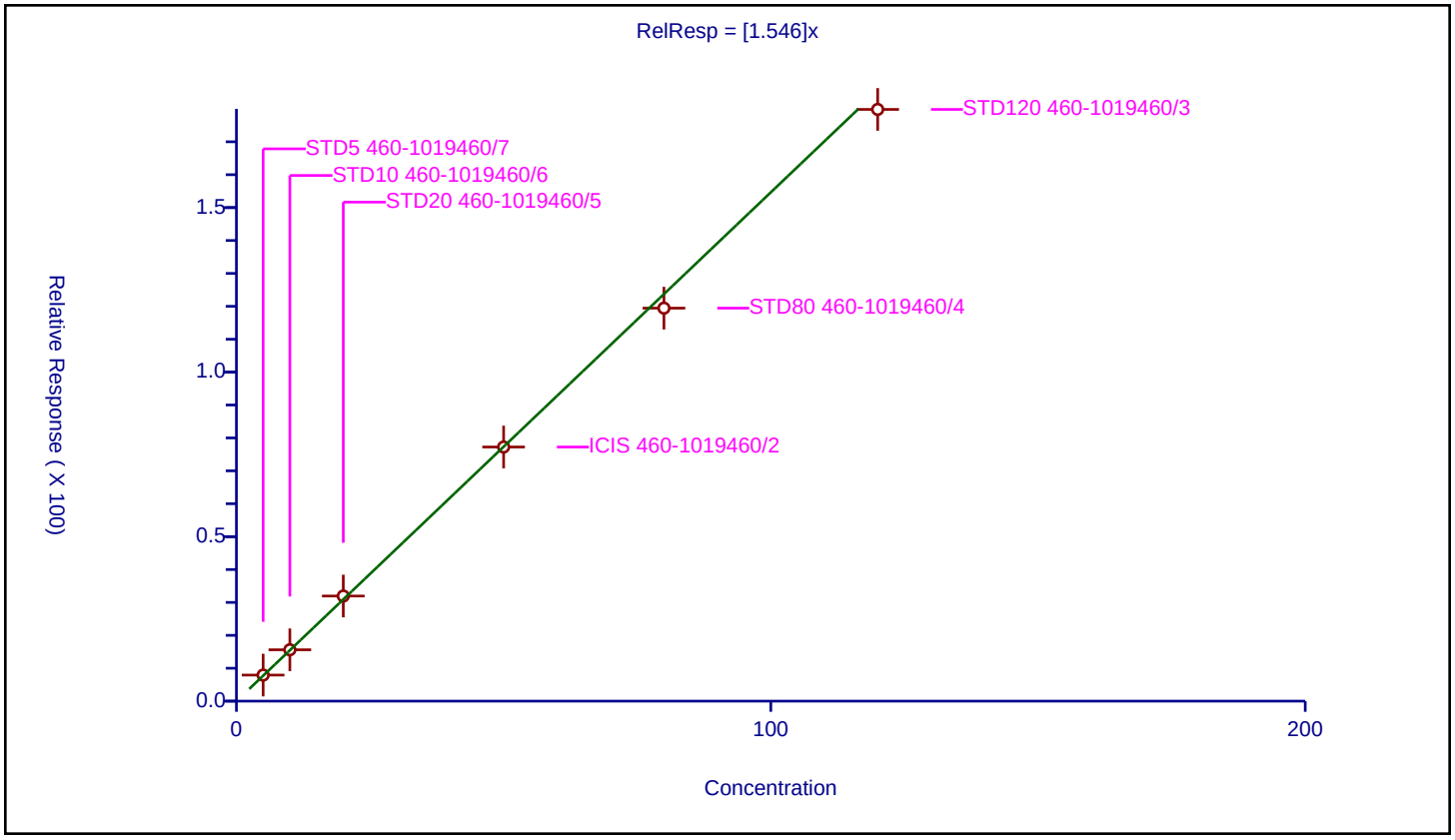
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.546 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 7.918635 | 40.0 | 400564.0 | 1.583727 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 15.607329 | 40.0 | 329171.0 | 1.560733 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 31.945209 | 40.0 | 318300.0 | 1.59726 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 77.239785 | 40.0 | 316584.0 | 1.544796 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 119.446771 | 40.0 | 329050.0 | 1.493085 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 179.837882 | 40.0 | 316437.0 | 1.498649 | Y |



## Calibration / 2-Chloronaphthalene

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

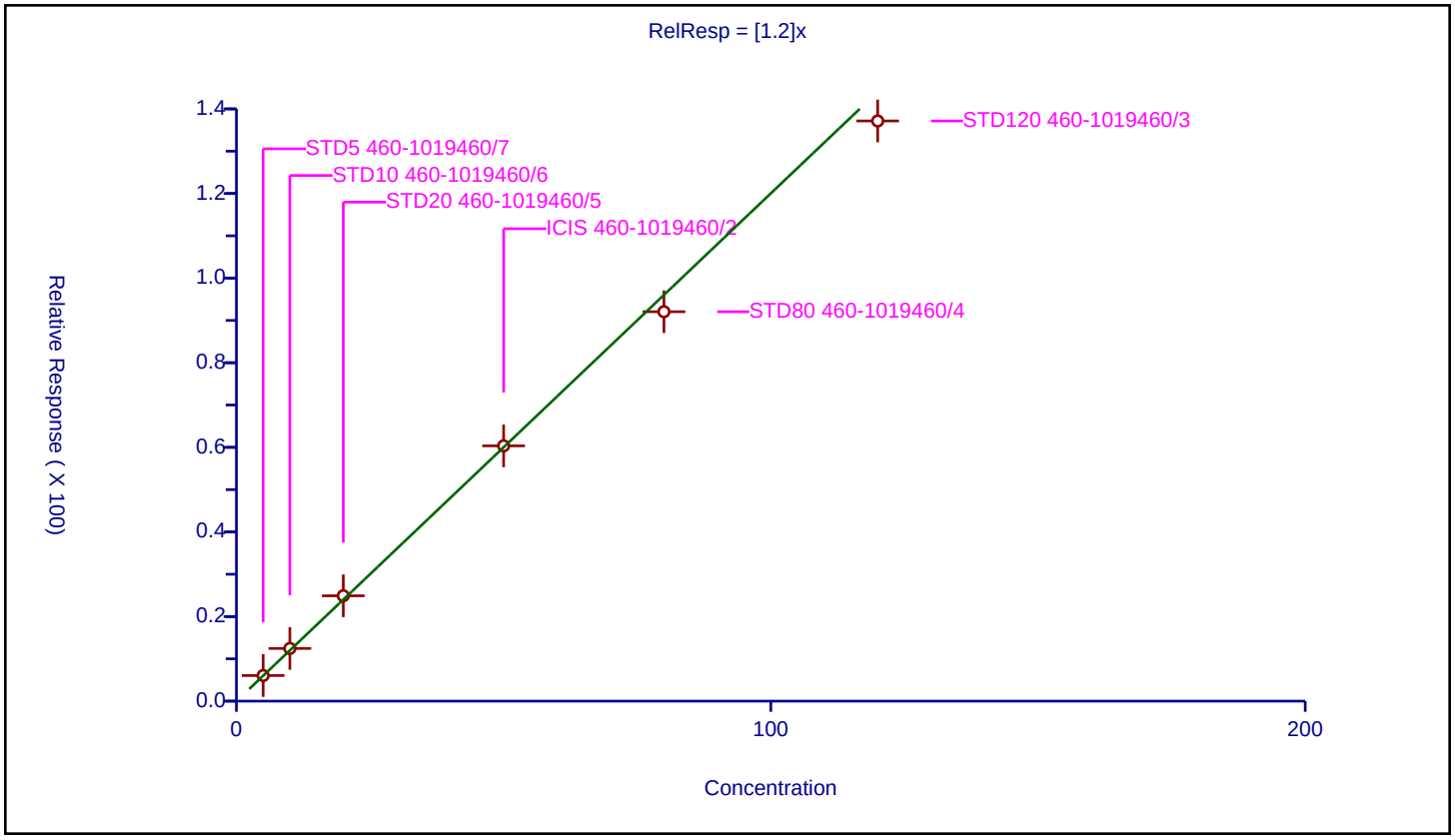
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.2 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.052266 | 40.0 | 400564.0 | 1.210453 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 12.453953 | 40.0 | 329171.0 | 1.245395 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 24.903424 | 40.0 | 318300.0 | 1.245171 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 60.352008 | 40.0 | 316584.0 | 1.20704 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 92.055311 | 40.0 | 329050.0 | 1.150691 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 137.147299 | 40.0 | 316437.0 | 1.142894 | Y |



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## Calibration / Phenyl ether

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

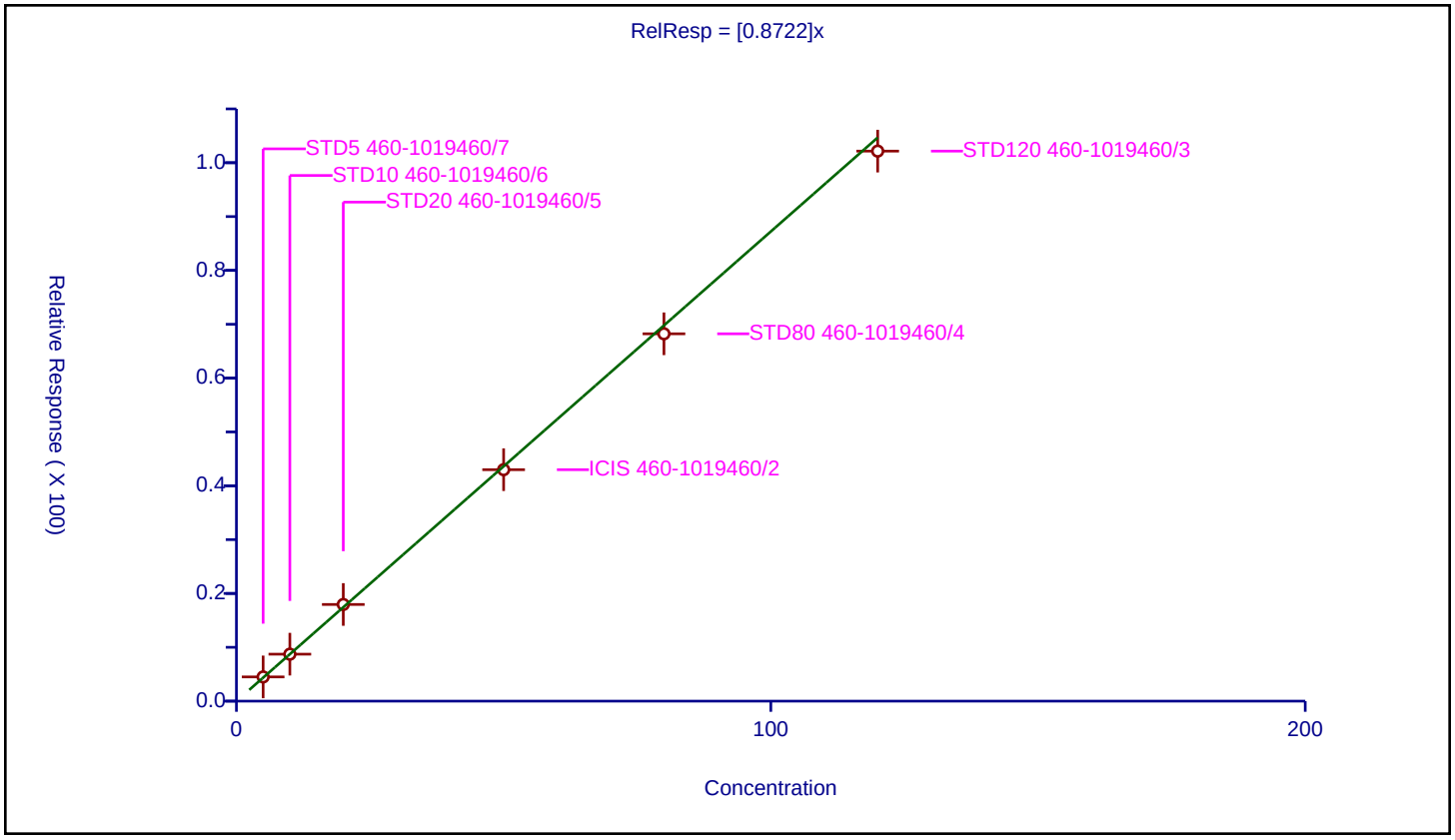
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8722 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 4.497658 | 40.0 | 400564.0 | 0.899532 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 8.722518 | 40.0 | 329171.0 | 0.872252 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 17.95476 | 40.0 | 318300.0 | 0.897738 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 42.989538 | 40.0 | 316584.0 | 0.859791 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 68.228415 | 40.0 | 329050.0 | 0.852855 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 102.159103 | 40.0 | 316437.0 | 0.851326 | Y |



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## Calibration / 2-Nitroaniline

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

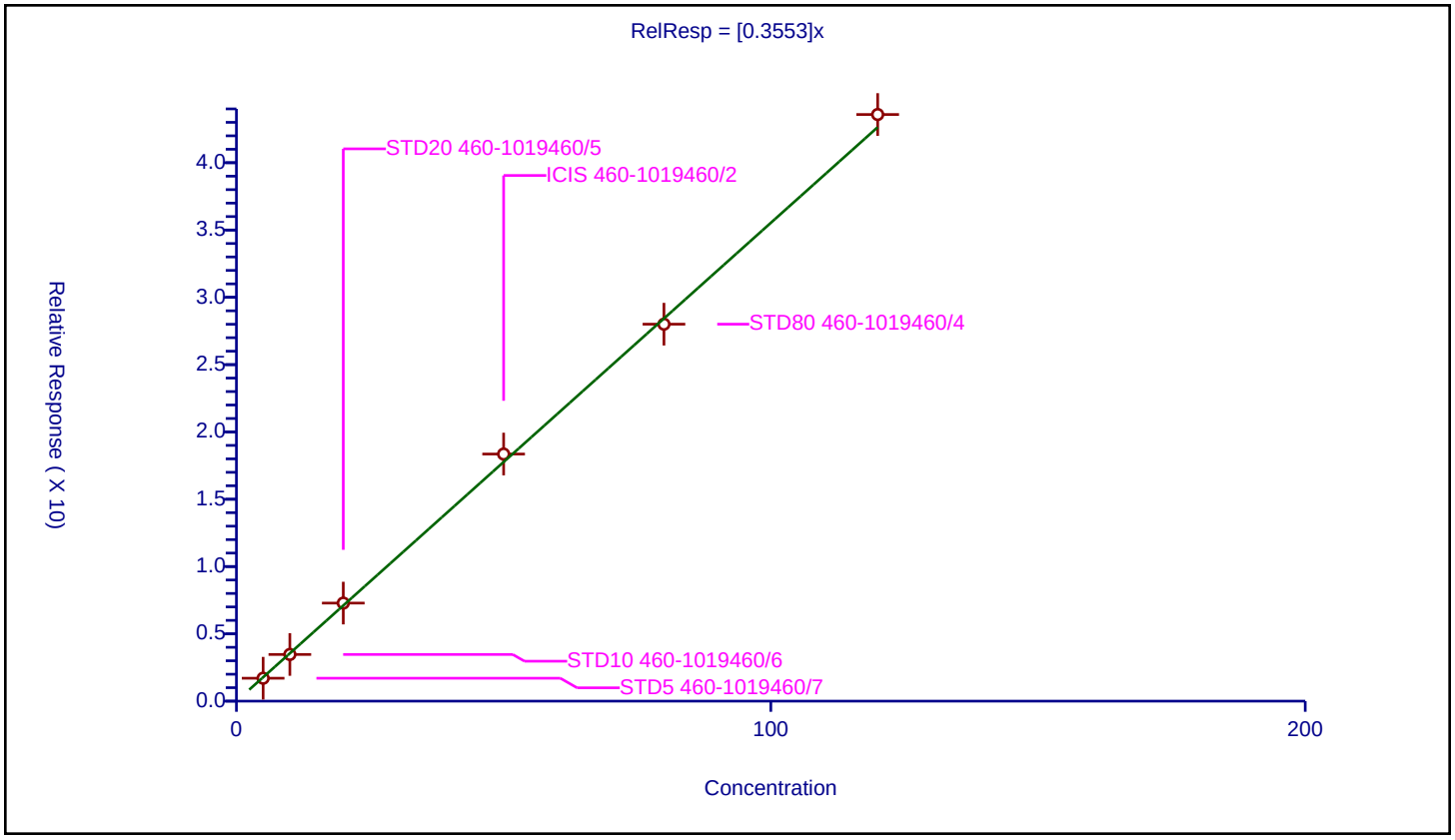
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3553 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.7024 | 40.0 | 400564.0 | 0.34048 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.468592 | 40.0 | 329171.0 | 0.346859 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 7.284449 | 40.0 | 318300.0 | 0.364222 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 18.358224 | 40.0 | 316584.0 | 0.367164 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 28.005835 | 40.0 | 329050.0 | 0.350073 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 43.582135 | 40.0 | 316437.0 | 0.363184 | Y |



## Calibration / 1,3-Dimethylnaphthalene

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

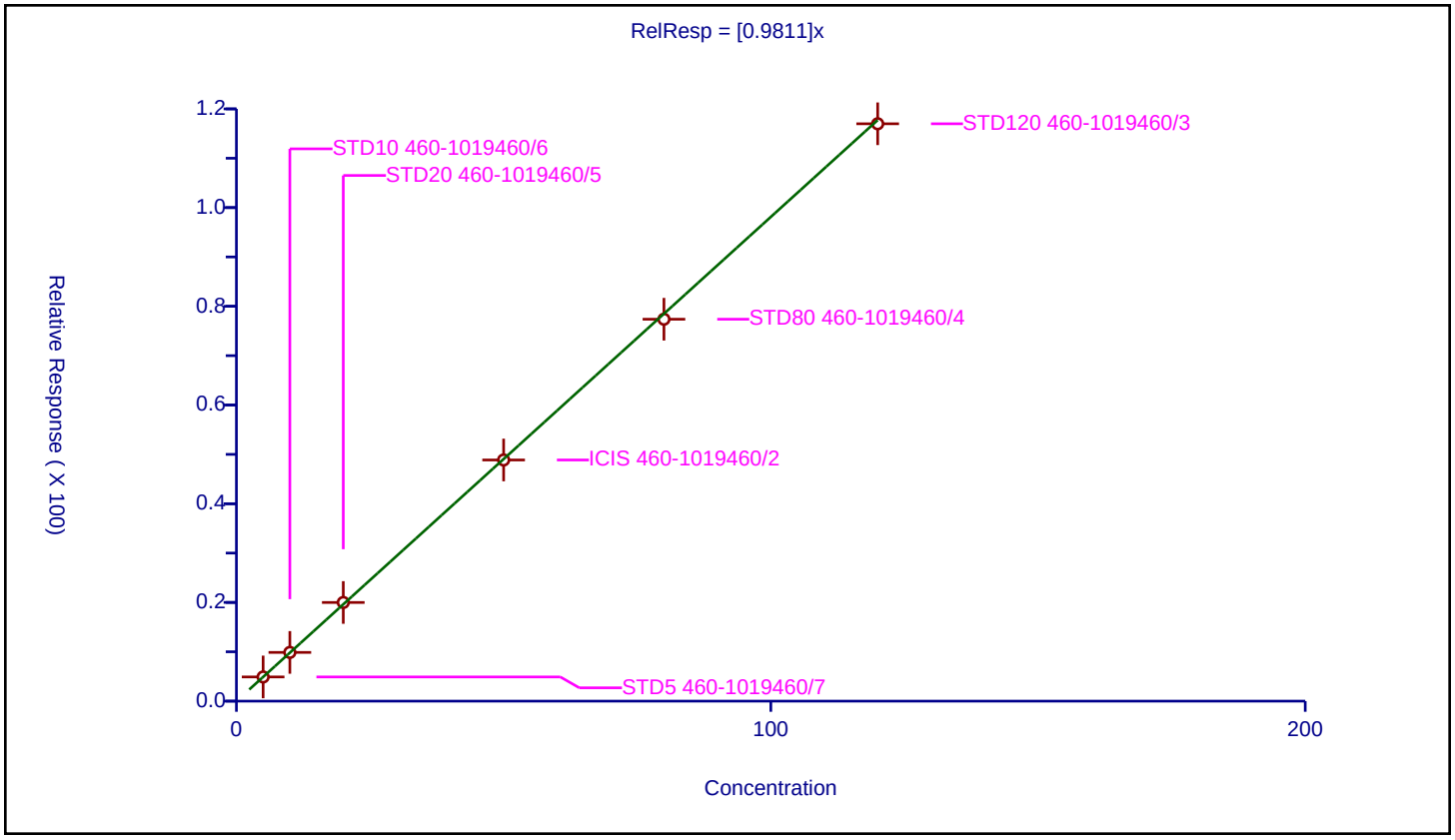
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9811 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 4.90039 | 40.0 | 400564.0 | 0.980078 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 9.872073 | 40.0 | 329171.0 | 0.987207 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 19.994094 | 40.0 | 318300.0 | 0.999705 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 48.864504 | 40.0 | 316584.0 | 0.97729 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 77.384835 | 40.0 | 329050.0 | 0.96731 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 116.982654 | 40.0 | 316437.0 | 0.974855 | Y |



## Calibration / Dimethyl phthalate

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

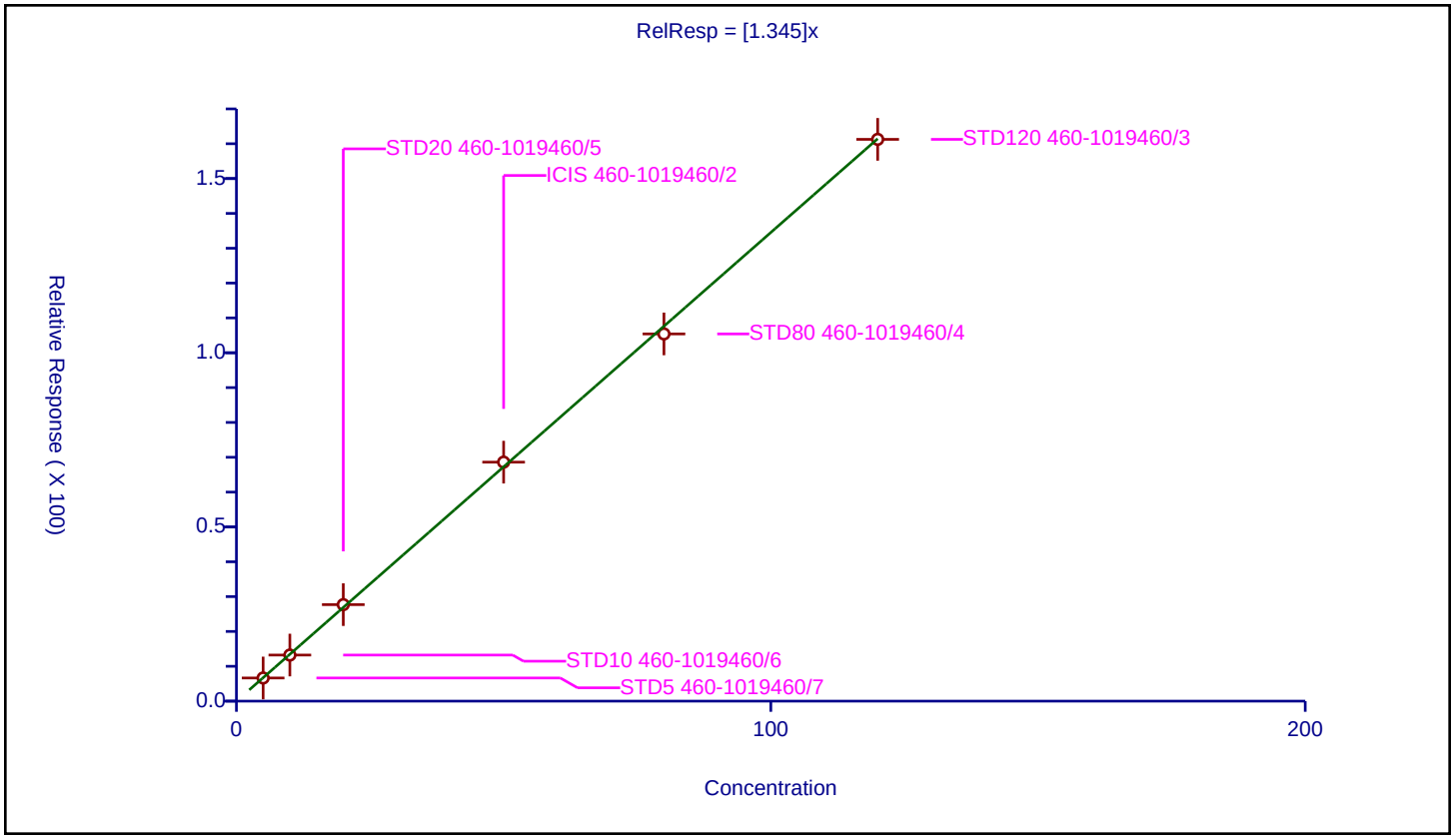
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.345 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.651022 | 40.0 | 400564.0 | 1.330204 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 13.228626 | 40.0 | 329171.0 | 1.322863 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 27.699529 | 40.0 | 318300.0 | 1.384976 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 68.60612 | 40.0 | 316584.0 | 1.372122 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 105.403799 | 40.0 | 329050.0 | 1.317547 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 161.257501 | 40.0 | 316437.0 | 1.343813 | Y |



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## Calibration / Coumarin

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

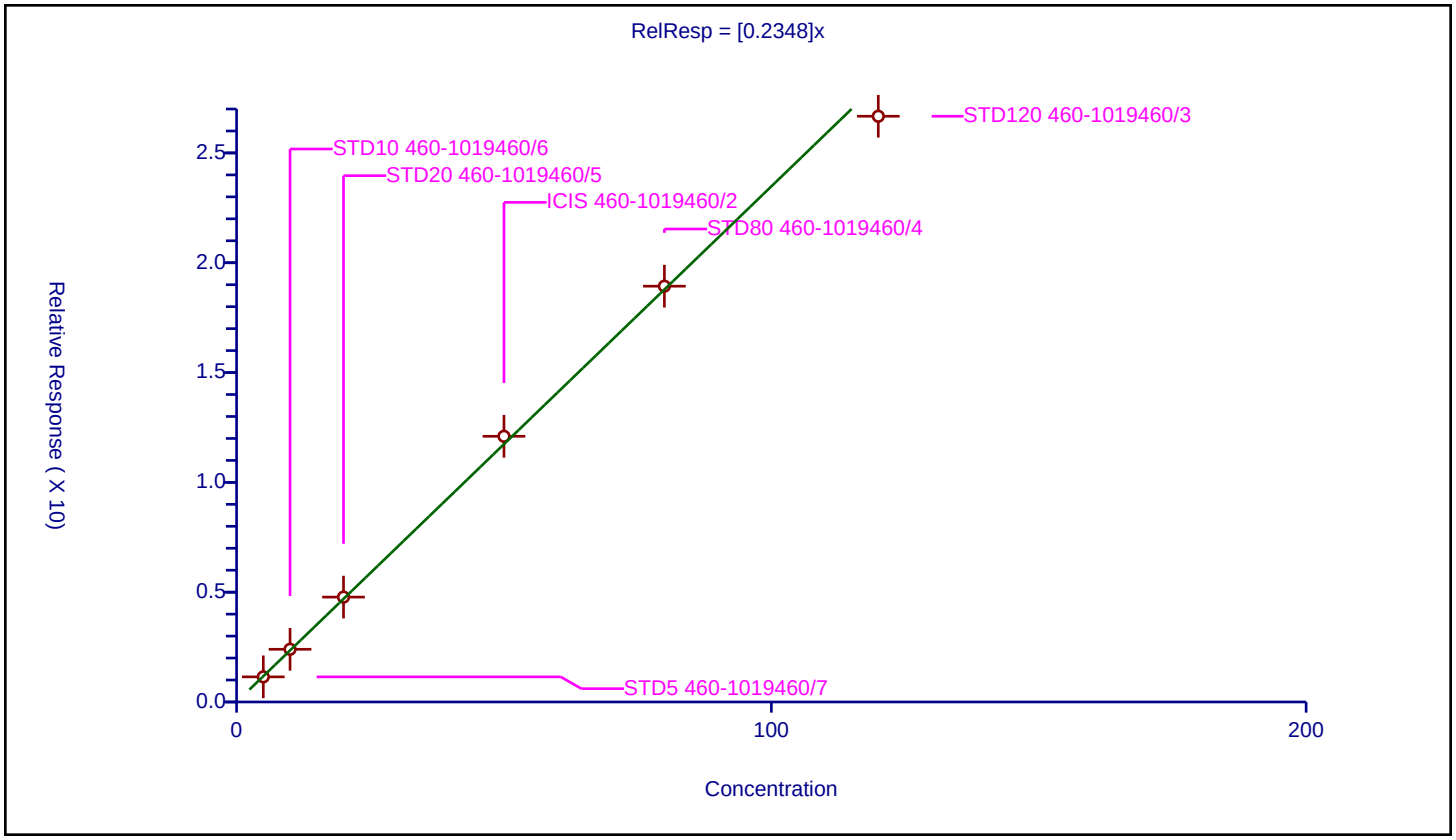
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2348 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.144672 | 40.0 | 775349.0 | 0.228934 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 2.400011 | 40.0 | 627597.0 | 0.240001 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 4.776345 | 40.0 | 618431.0 | 0.238817 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 12.098011 | 40.0 | 602466.0 | 0.24196 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 18.933052 | 40.0 | 633358.0 | 0.236663 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 26.670526 | 40.0 | 611496.0 | 0.222254 | Y |



## Calibration / 2,6-Dinitrotoluene

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

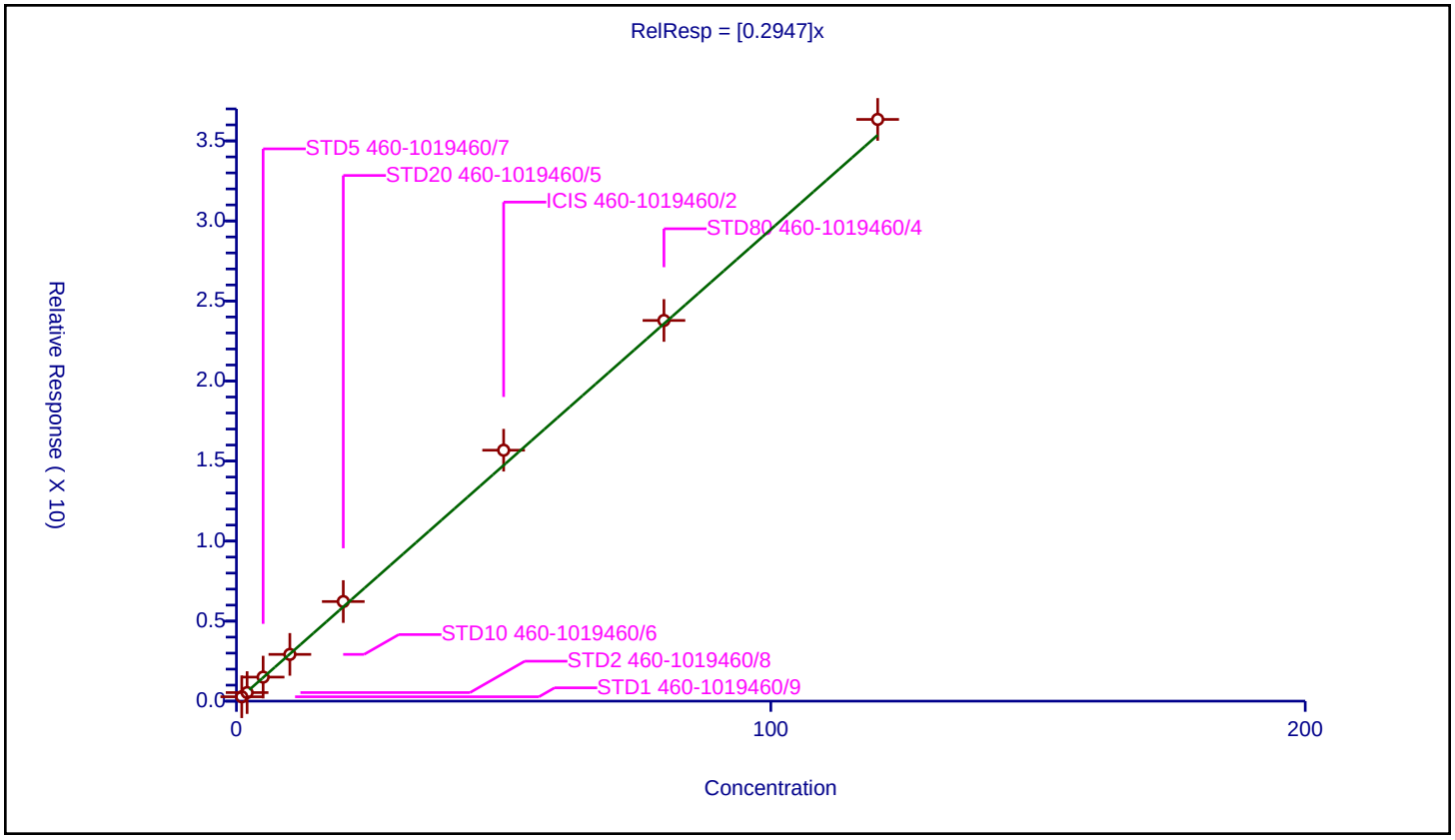
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2947 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.273118 | 40.0 | 335533.0 | 0.273118 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.534948 | 40.0 | 331247.0 | 0.267474 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 1.501583 | 40.0 | 400564.0 | 0.300317 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 2.920184 | 40.0 | 329171.0 | 0.292018 | Y |
| 5 | STD20 460-1019460/5 | 20.0 | 6.222557 | 40.0 | 318300.0 | 0.311128 | Y |
| 6 | ICIS 460-1019460/2 | 50.0 | 15.676598 | 40.0 | 316584.0 | 0.313532 | Y |
| 7 | STD80 460-1019460/4 | 80.0 | 23.783741 | 40.0 | 329050.0 | 0.297297 | Y |
| 8 | STD120 460-1019460/3 | 120.0 | 36.342021 | 40.0 | 316437.0 | 0.30285 | Y |



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## Calibration / Acenaphthylene

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

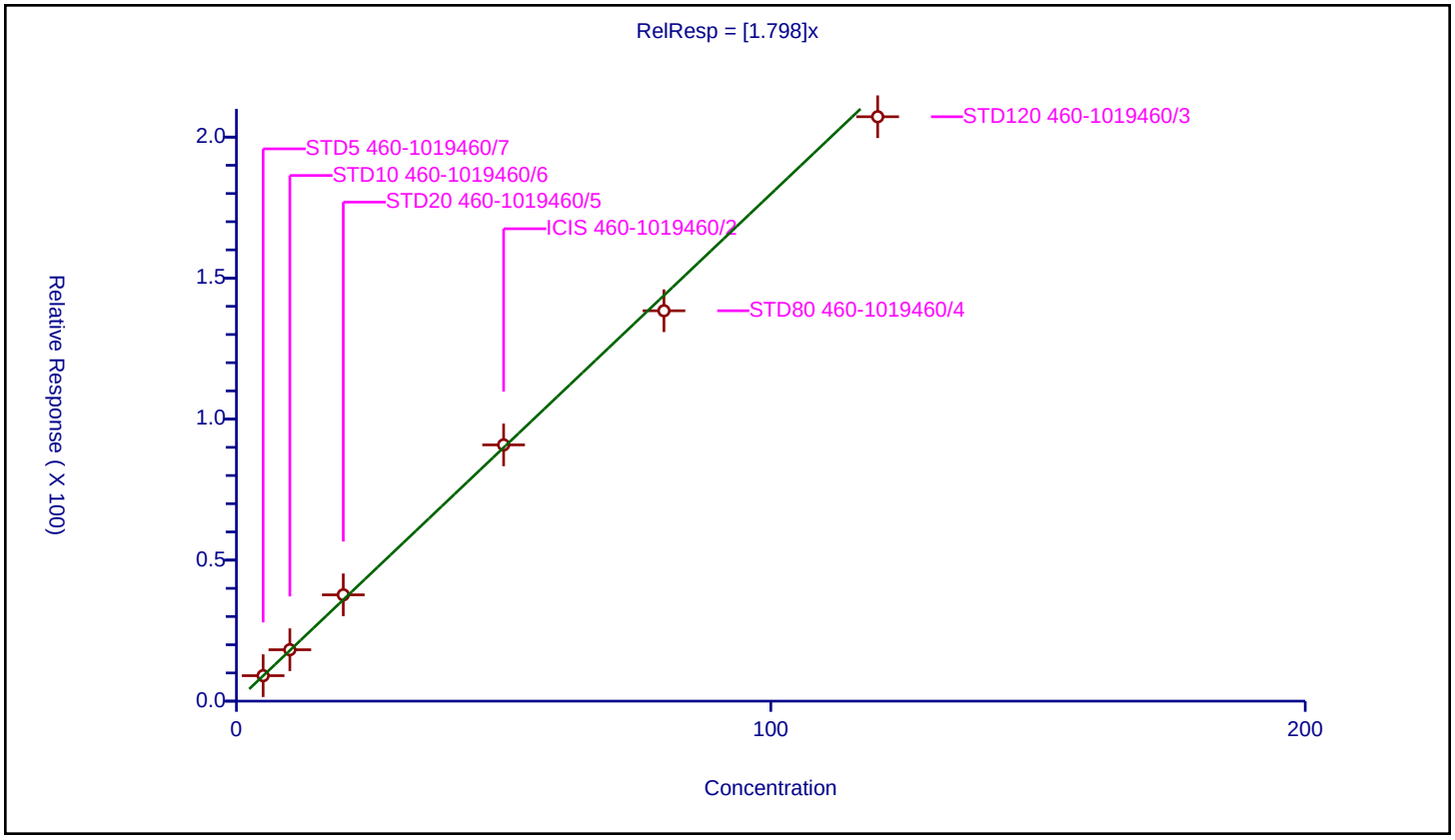
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.798 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 9.033363 | 40.0 | 400564.0 | 1.806673 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 18.234535 | 40.0 | 329171.0 | 1.823453 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 37.690983 | 40.0 | 318300.0 | 1.884549 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 90.864984 | 40.0 | 316584.0 | 1.8173 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 138.419936 | 40.0 | 329050.0 | 1.730249 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 207.210029 | 40.0 | 316437.0 | 1.72675 | Y |



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## Calibration / 3-Nitroaniline

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

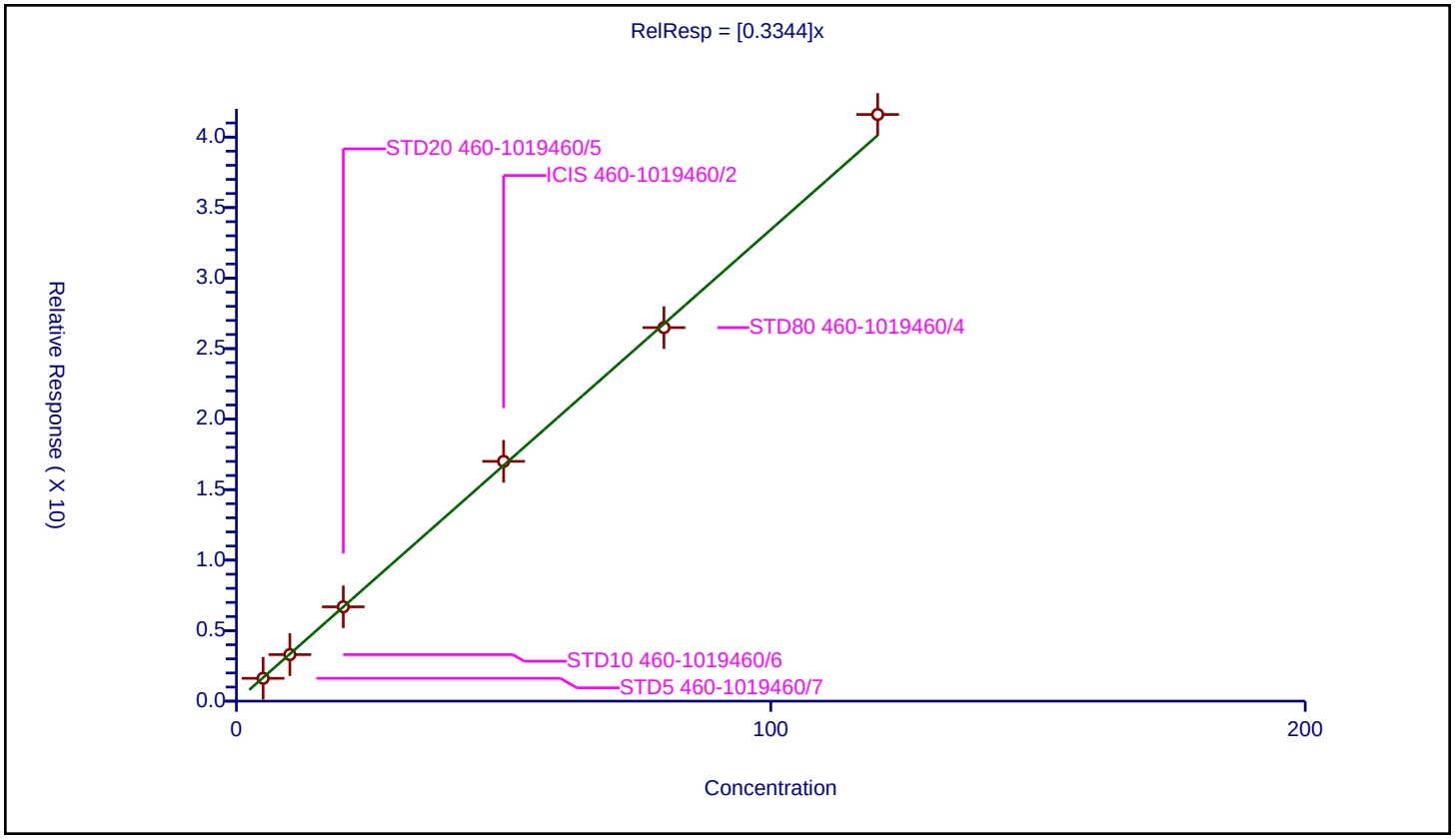
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3344 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.620215 | 40.0 | 400564.0 | 0.324043 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.300655 | 40.0 | 329171.0 | 0.330066 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 6.689161 | 40.0 | 318300.0 | 0.334458 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 17.00566 | 40.0 | 316584.0 | 0.340113 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 26.488497 | 40.0 | 329050.0 | 0.331106 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 41.604237 | 40.0 | 316437.0 | 0.346702 | Y |



## Calibration / Acenaphthene

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

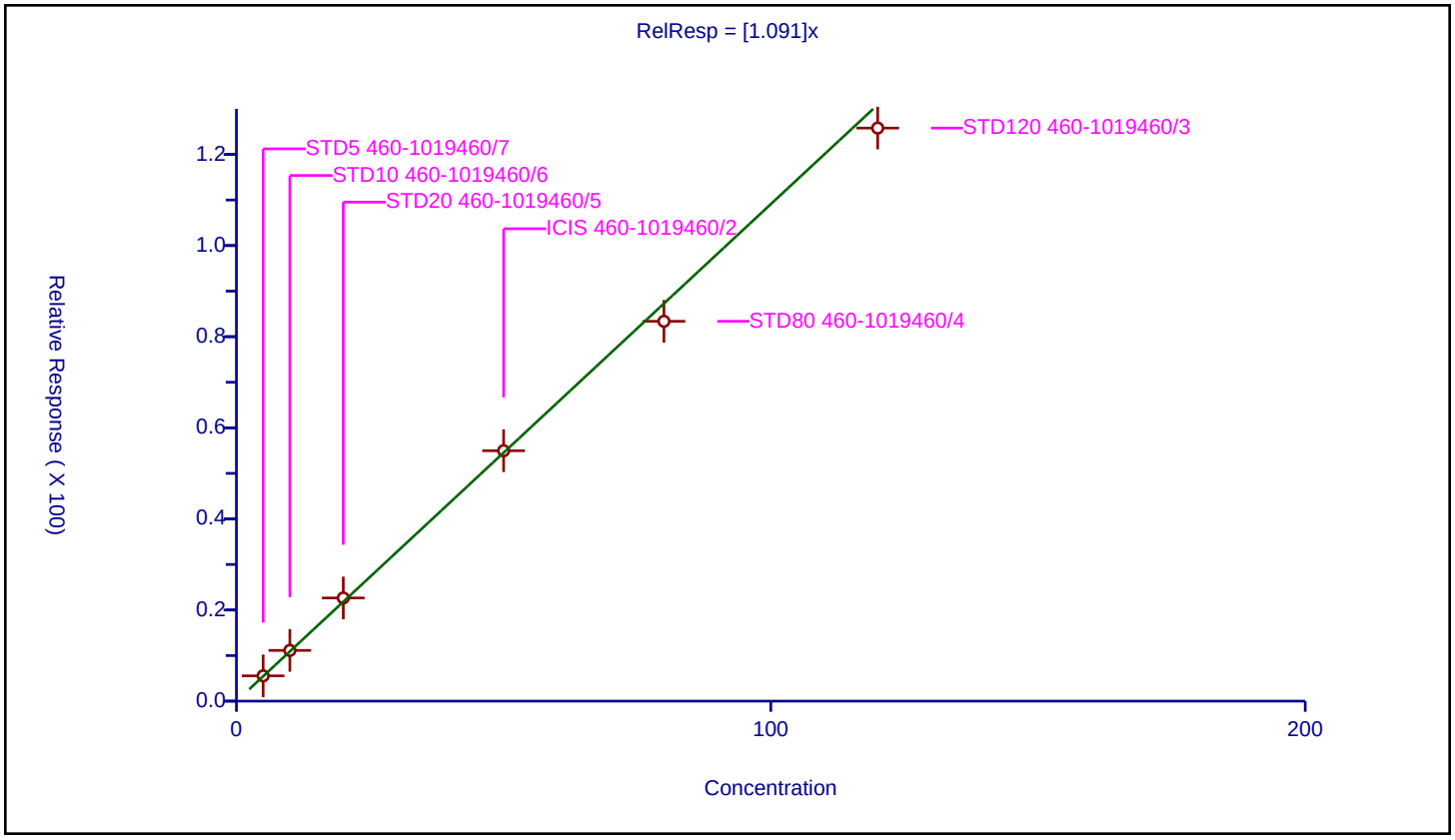
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.091 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.552072 | 40.0 | 400564.0 | 1.110414 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 11.132815 | 40.0 | 329171.0 | 1.113282 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 22.642664 | 40.0 | 318300.0 | 1.132133 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 54.967907 | 40.0 | 316584.0 | 1.099358 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 83.378575 | 40.0 | 329050.0 | 1.042232 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 125.792117 | 40.0 | 316437.0 | 1.048268 | Y |



## Calibration / 3,5-di-tert-butyl-4-hydroxytol

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

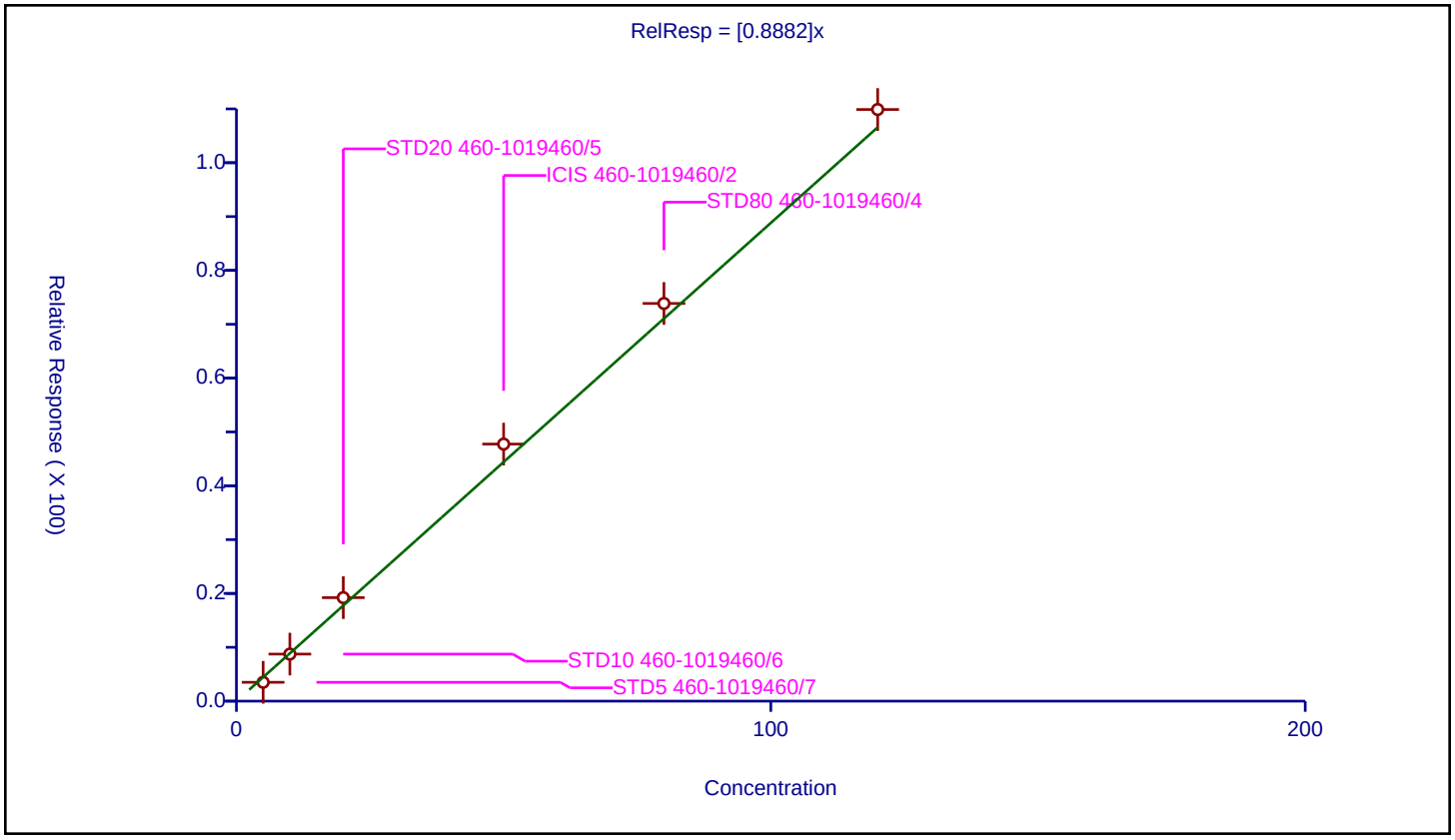
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8882 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.502062 | 40.0 | 400564.0 | 0.700412 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 8.737465 | 40.0 | 329171.0 | 0.873746 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 19.220735 | 40.0 | 318300.0 | 0.961037 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 47.745306 | 40.0 | 316584.0 | 0.954906 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 73.862453 | 40.0 | 329050.0 | 0.923281 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 109.884622 | 40.0 | 316437.0 | 0.915705 | Y |



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## Calibration / 2,4-Dinitrophenol

| | |
|---|---|
| **Curve Type:** | Linear |
| **Weighting:** | Conc_Sq |
| **Origin:** | None |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

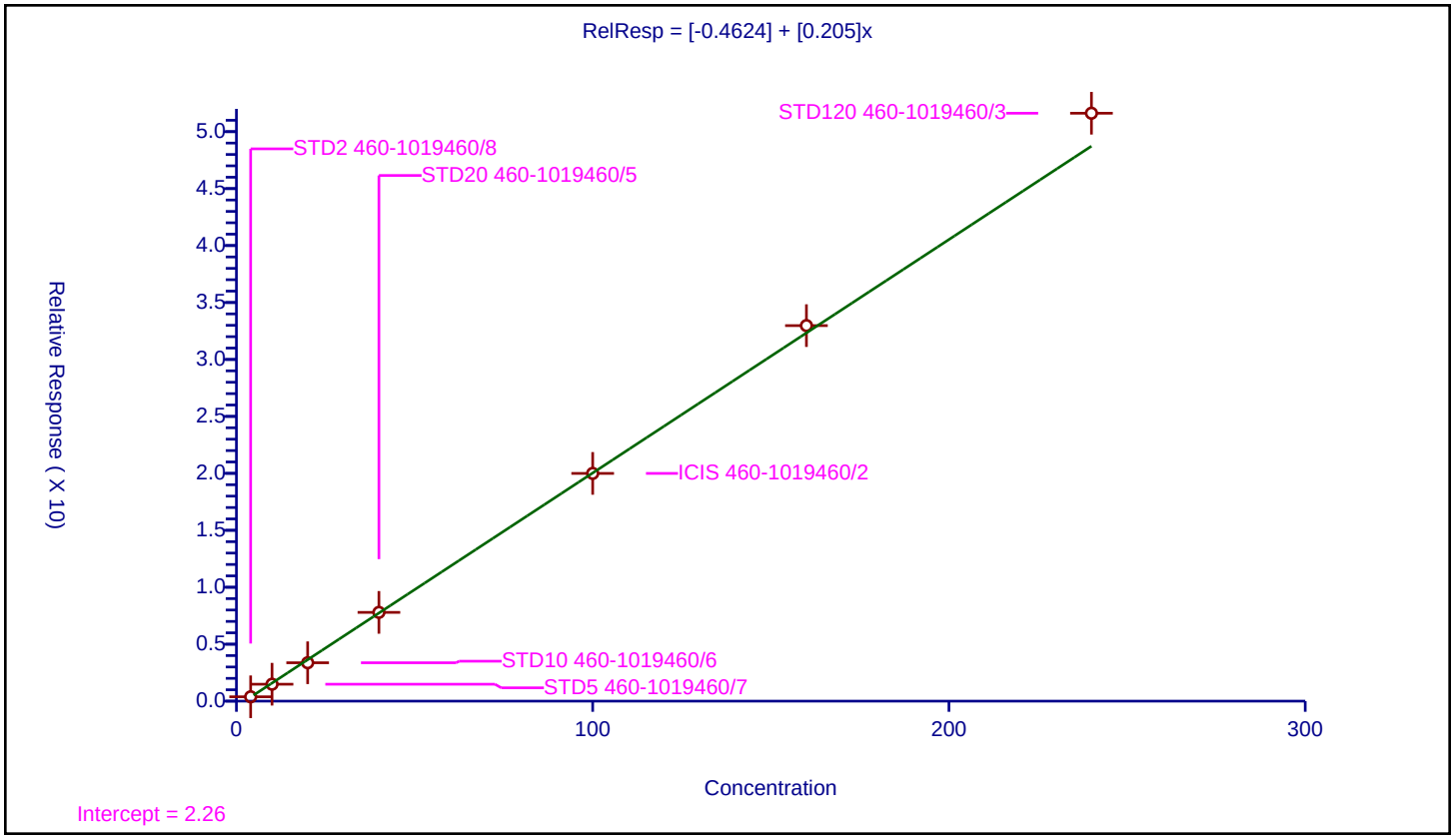
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | -0.4624 |
| **Slope:** | 0.205 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 4.0 | 0.382434 | 40.0 | 331247.0 | 0.095608 | Y |
| 2 | STD5 460-1019460/7 | 10.0 | 1.486804 | 40.0 | 400564.0 | 0.14868 | Y |
| 3 | STD10 460-1019460/6 | 20.0 | 3.370406 | 40.0 | 329171.0 | 0.16852 | Y |
| 4 | STD20 460-1019460/5 | 40.0 | 7.793277 | 40.0 | 318300.0 | 0.194832 | Y |
| 5 | ICIS 460-1019460/2 | 100.0 | 19.99482 | 40.0 | 316584.0 | 0.199948 | Y |
| 6 | STD80 460-1019460/4 | 160.0 | 32.972618 | 40.0 | 329050.0 | 0.206079 | Y |
| 7 | STD120 460-1019460/3 | 240.0 | 51.61988 | 40.0 | 316437.0 | 0.215083 | Y |



## Calibration / 4-Nitrophenol

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

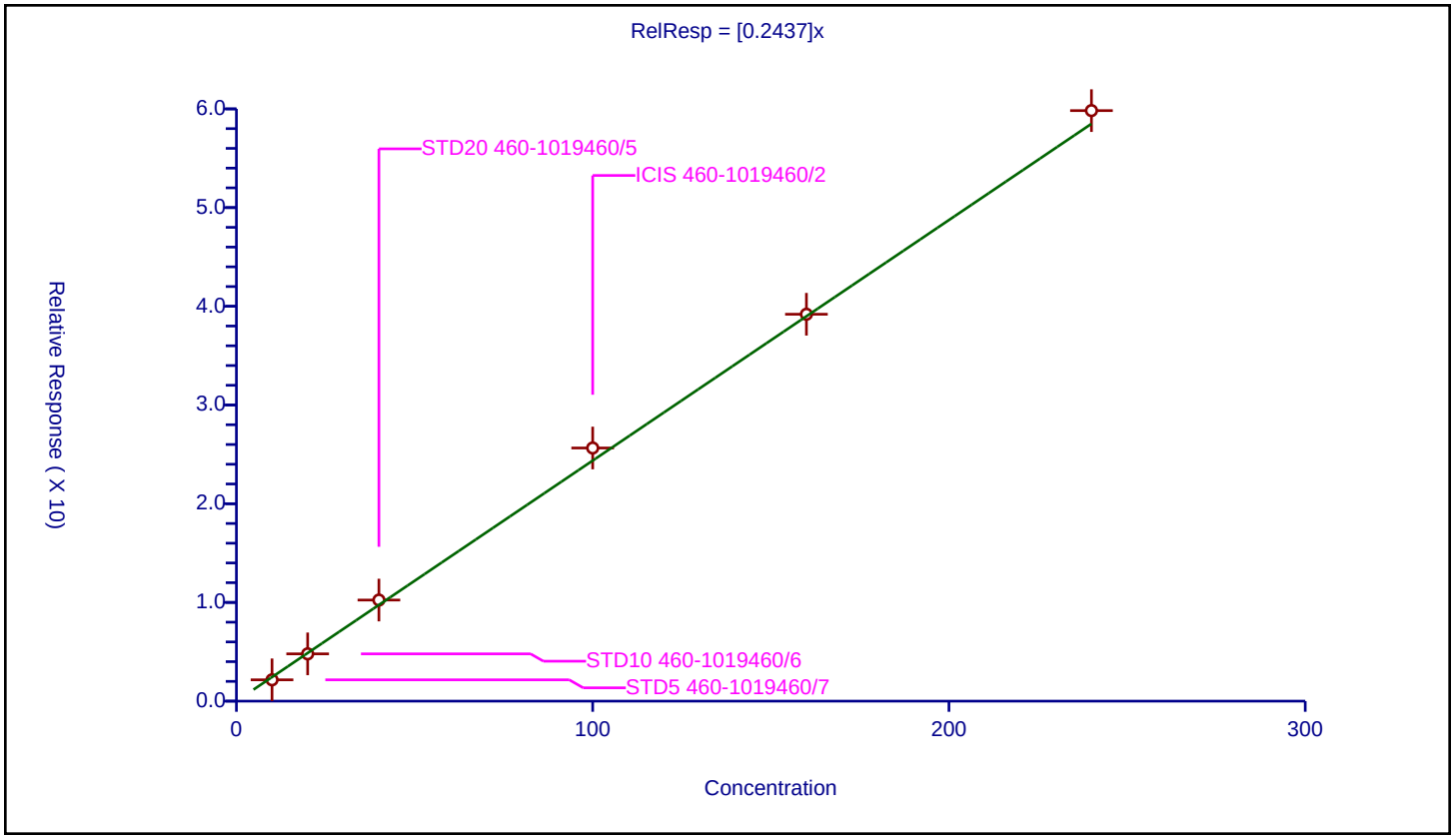
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 10.0 | 2.158656 | 40.0 | 400564.0 | 0.215866 | Y |
| 2 | STD10 460-1019460/6 | 20.0 | 4.792038 | 40.0 | 329171.0 | 0.239602 | Y |
| 3 | STD20 460-1019460/5 | 40.0 | 10.240528 | 40.0 | 318300.0 | 0.256013 | Y |
| 4 | ICIS 460-1019460/2 | 100.0 | 25.646274 | 40.0 | 316584.0 | 0.256463 | Y |
| 5 | STD80 460-1019460/4 | 160.0 | 39.196353 | 40.0 | 329050.0 | 0.244977 | Y |
| 6 | STD120 460-1019460/3 | 240.0 | 59.825368 | 40.0 | 316437.0 | 0.249272 | Y |



## Calibration / Dibenzofuran

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

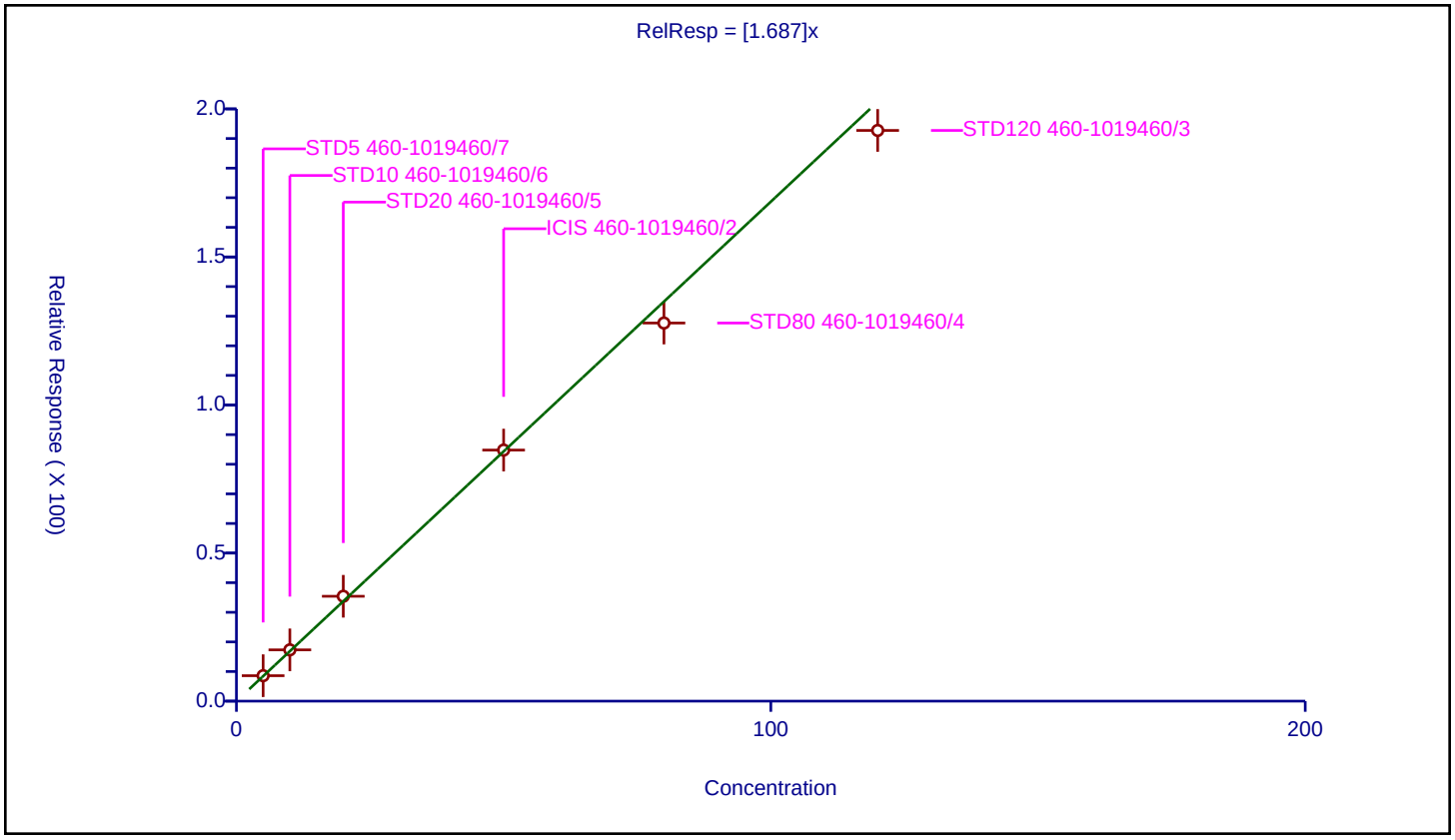
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.687 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 8.59598 | 40.0 | 400564.0 | 1.719196 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 17.316228 | 40.0 | 329171.0 | 1.731623 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 35.418787 | 40.0 | 318300.0 | 1.770939 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 84.786218 | 40.0 | 316584.0 | 1.695724 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 127.682723 | 40.0 | 329050.0 | 1.596034 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 192.72209 | 40.0 | 316437.0 | 1.606017 | Y |



## Calibration / 2,4-Dinitrotoluene

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

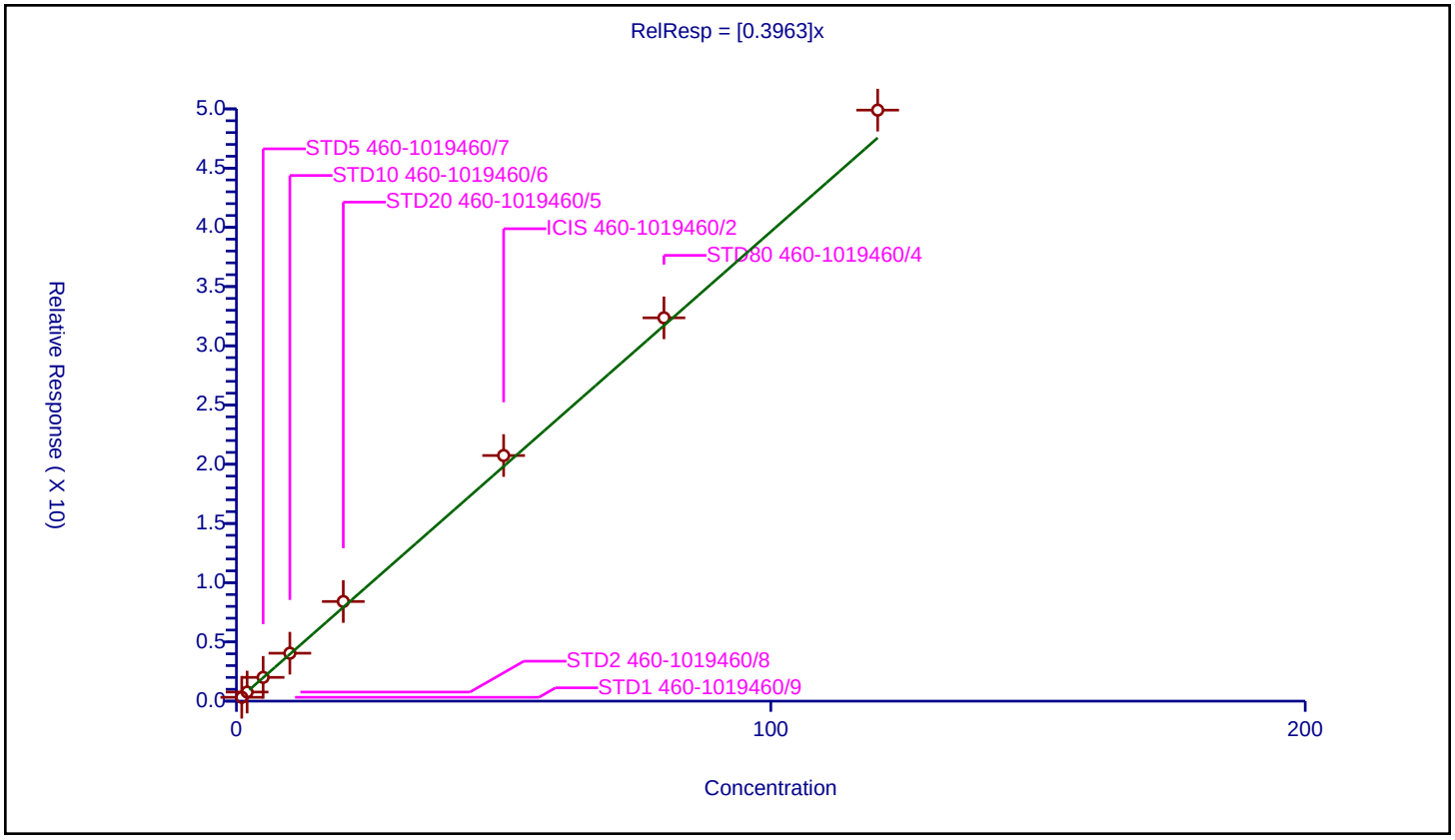
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3963 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.325214 | 40.0 | 335533.0 | 0.325214 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.766799 | 40.0 | 331247.0 | 0.3834 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 2.007469 | 40.0 | 400564.0 | 0.401494 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 4.04738 | 40.0 | 329171.0 | 0.404738 | Y |
| 5 | STD20 460-1019460/5 | 20.0 | 8.413321 | 40.0 | 318300.0 | 0.420666 | Y |
| 6 | ICIS 460-1019460/2 | 50.0 | 20.737245 | 40.0 | 316584.0 | 0.414745 | Y |
| 7 | STD80 460-1019460/4 | 80.0 | 32.362498 | 40.0 | 329050.0 | 0.404531 | Y |
| 8 | STD120 460-1019460/3 | 120.0 | 49.897073 | 40.0 | 316437.0 | 0.415809 | Y |



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## Calibration / 2,3,4,6-Tetrachlorophenol

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

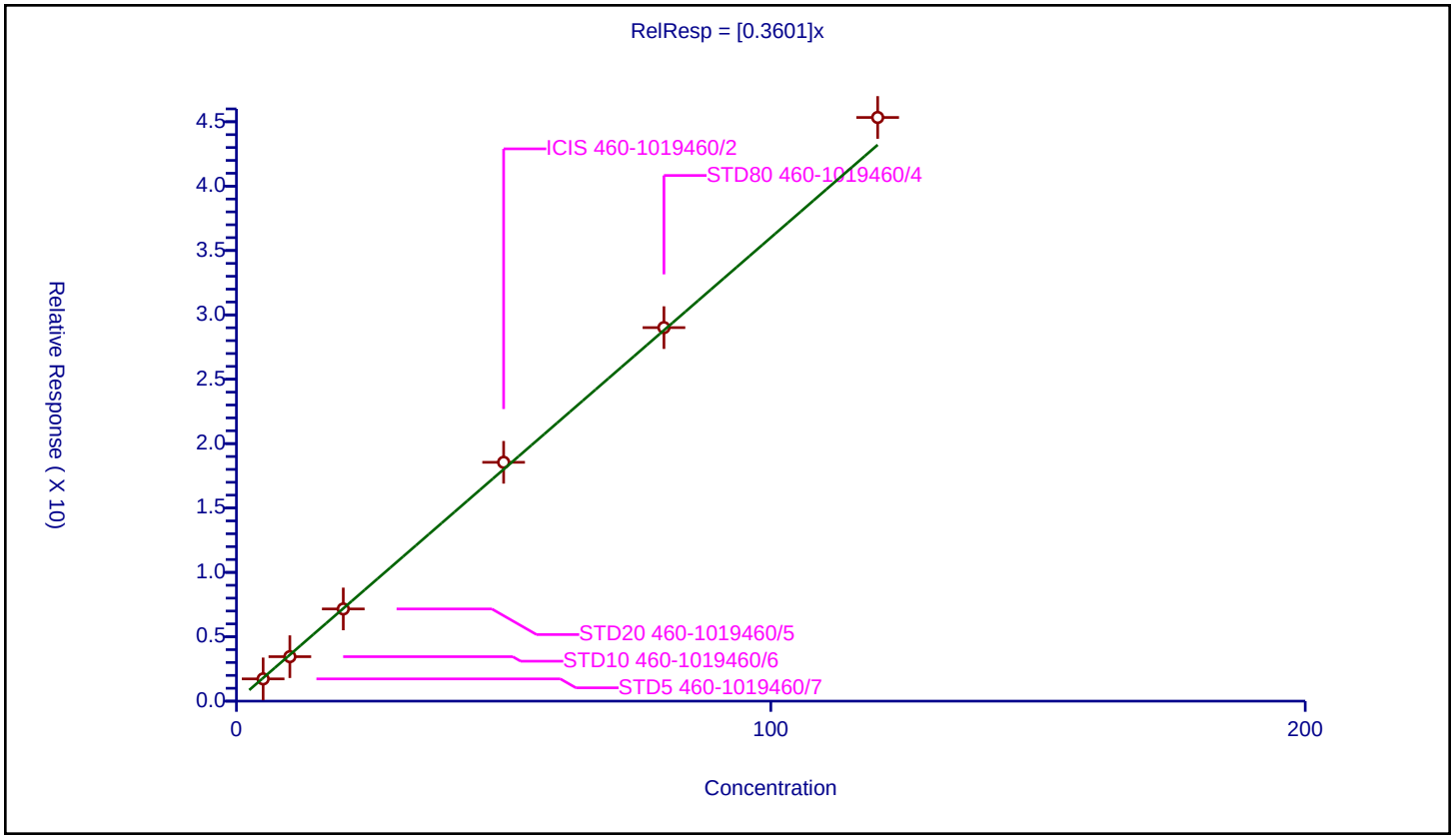
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3601 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.727864 | 40.0 | 400564.0 | 0.345573 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.453038 | 40.0 | 329171.0 | 0.345304 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 7.161169 | 40.0 | 318300.0 | 0.358058 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 18.55179 | 40.0 | 316584.0 | 0.371036 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 29.012977 | 40.0 | 329050.0 | 0.362662 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 45.333763 | 40.0 | 316437.0 | 0.377781 | Y |



## Calibration / Diethyl phthalate

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

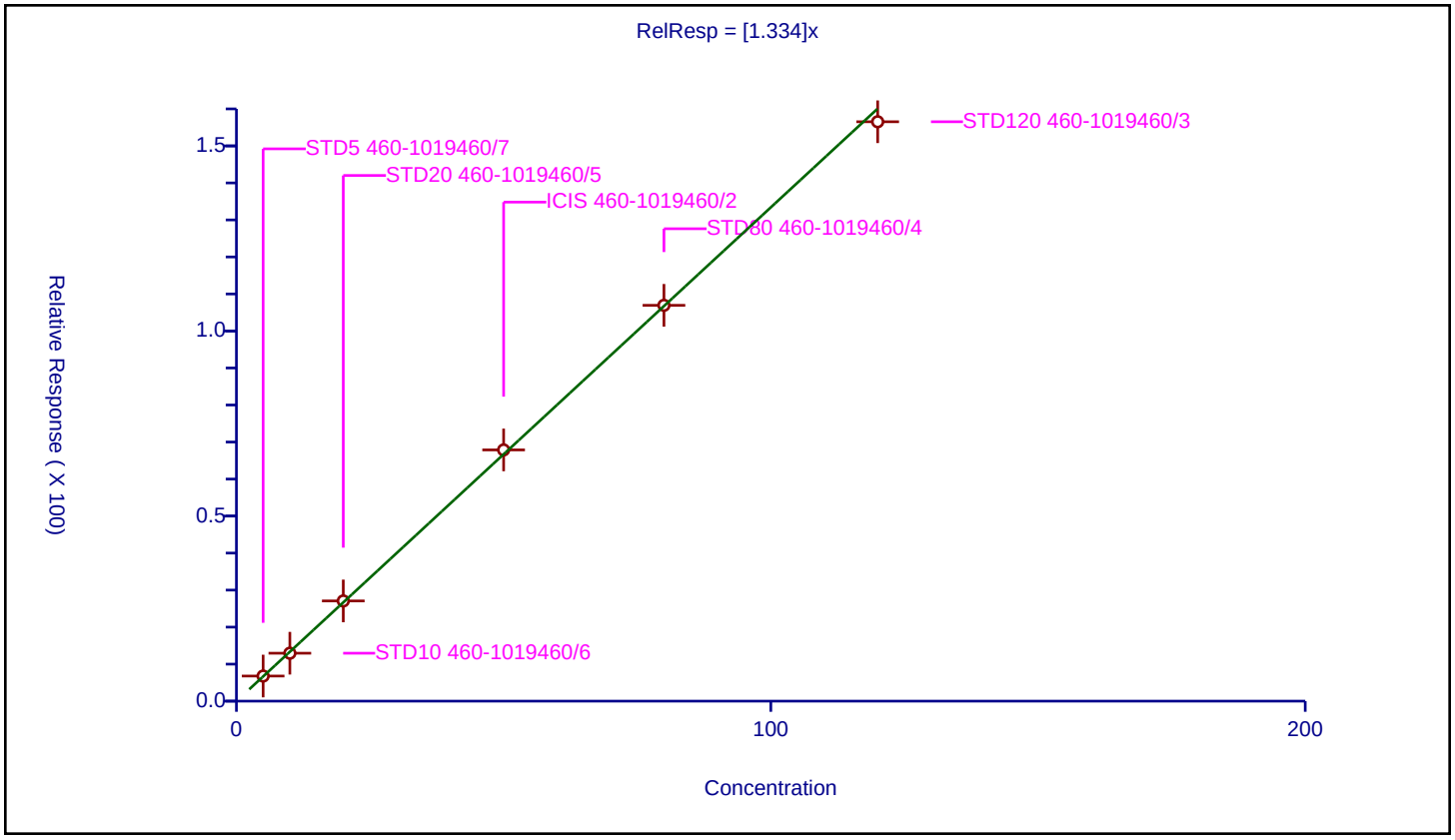
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.334 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.785033 | 40.0 | 400564.0 | 1.357007 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 12.948893 | 40.0 | 329171.0 | 1.294889 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 27.071191 | 40.0 | 318300.0 | 1.35356 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 67.873803 | 40.0 | 316584.0 | 1.357476 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 106.930618 | 40.0 | 329050.0 | 1.336633 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 156.521646 | 40.0 | 316437.0 | 1.304347 | Y |



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## Calibration / Fluorene

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

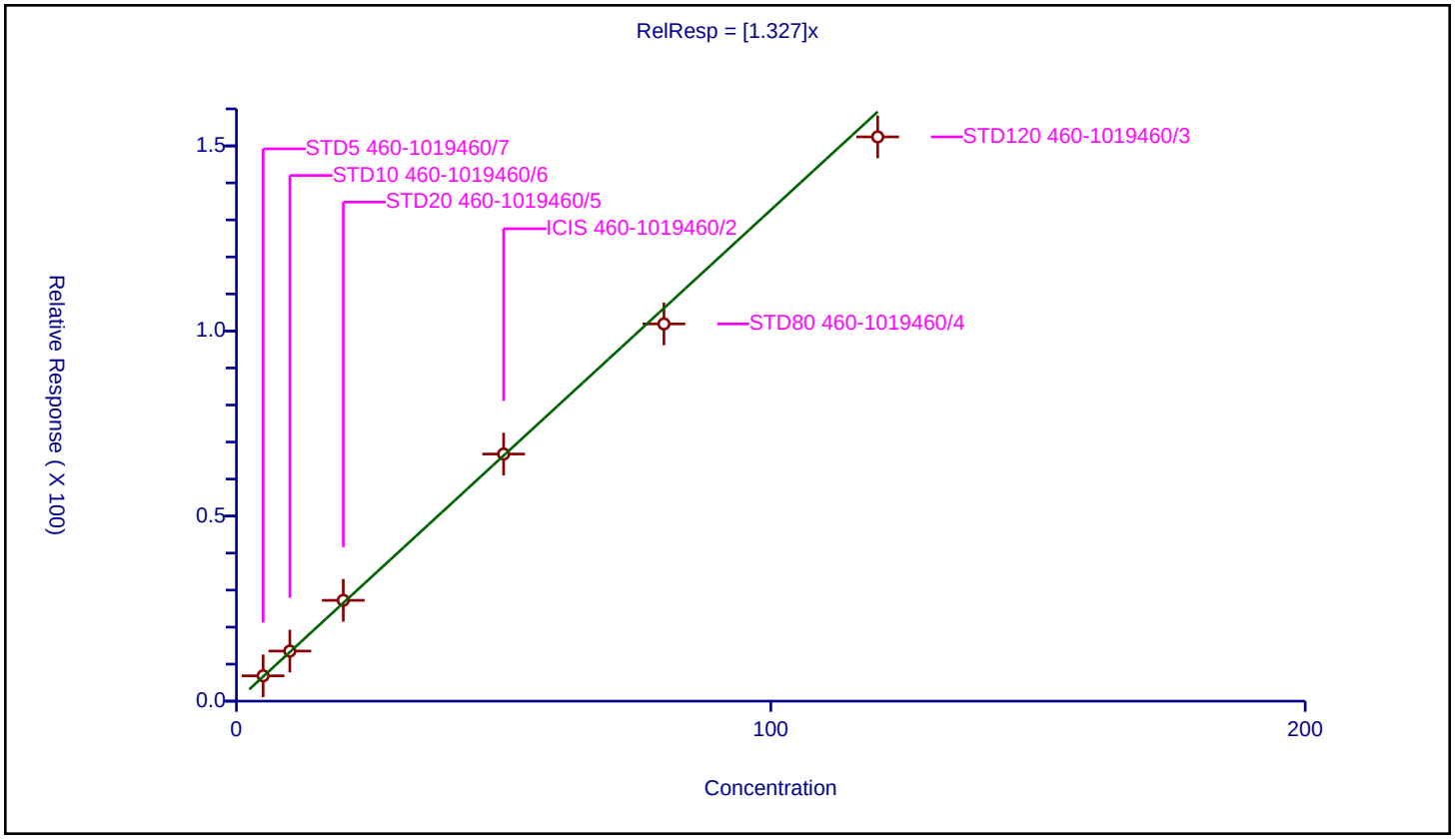
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.327 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.837859 | 40.0 | 400564.0 | 1.367572 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 13.528531 | 40.0 | 329171.0 | 1.352853 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 27.235187 | 40.0 | 318300.0 | 1.361759 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 66.753468 | 40.0 | 316584.0 | 1.335069 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 101.908768 | 40.0 | 329050.0 | 1.27386 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 152.440581 | 40.0 | 316437.0 | 1.270338 | Y |



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## Calibration / 4-Chlorophenyl phenyl ether

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

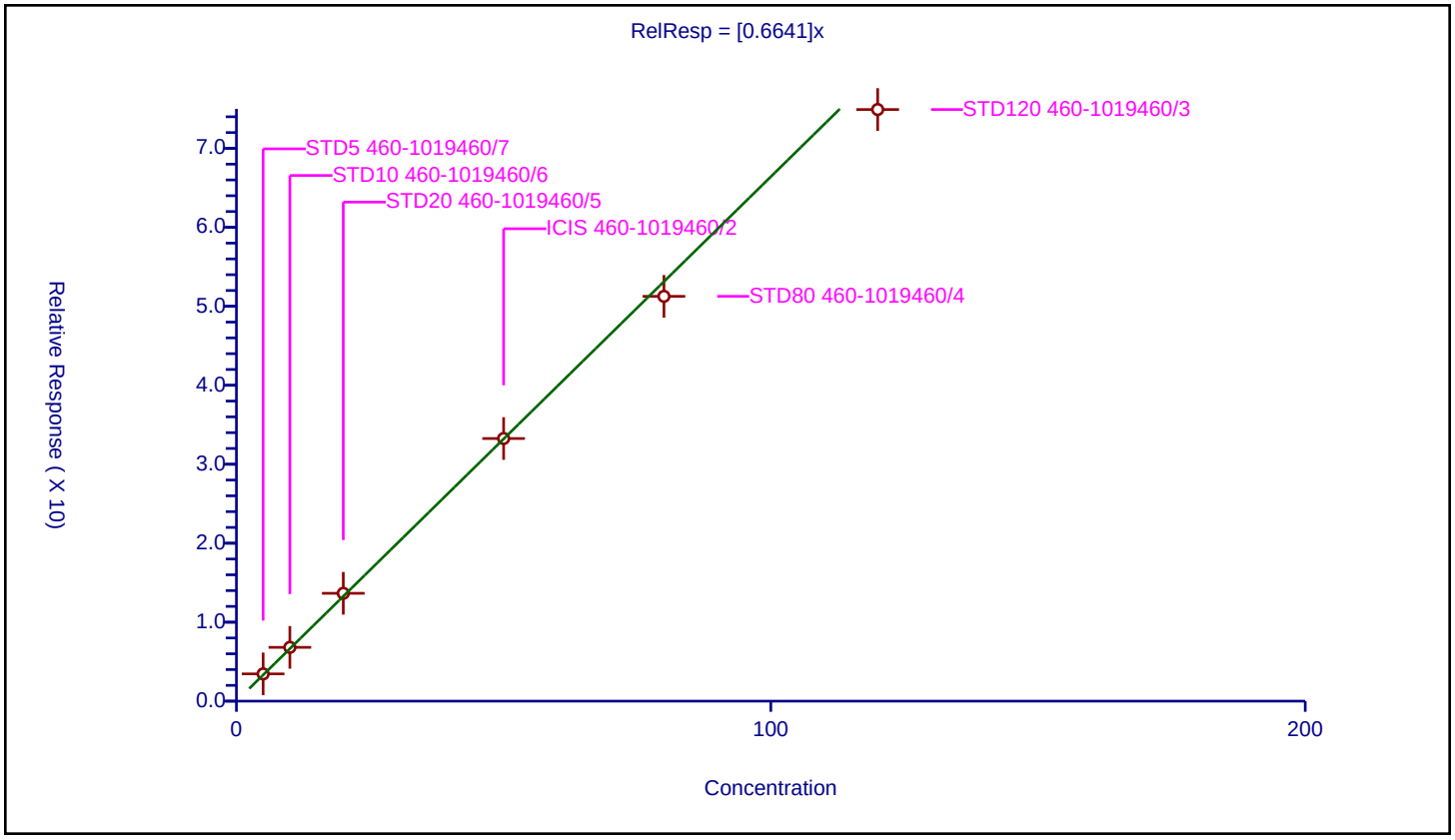
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6641 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.453331 | 40.0 | 400564.0 | 0.690666 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 6.810807 | 40.0 | 329171.0 | 0.681081 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 13.654037 | 40.0 | 318300.0 | 0.682702 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 33.257145 | 40.0 | 316584.0 | 0.665143 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 51.261146 | 40.0 | 329050.0 | 0.640764 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 74.919052 | 40.0 | 316437.0 | 0.624325 | Y |



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## Calibration / 4-Nitroaniline

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

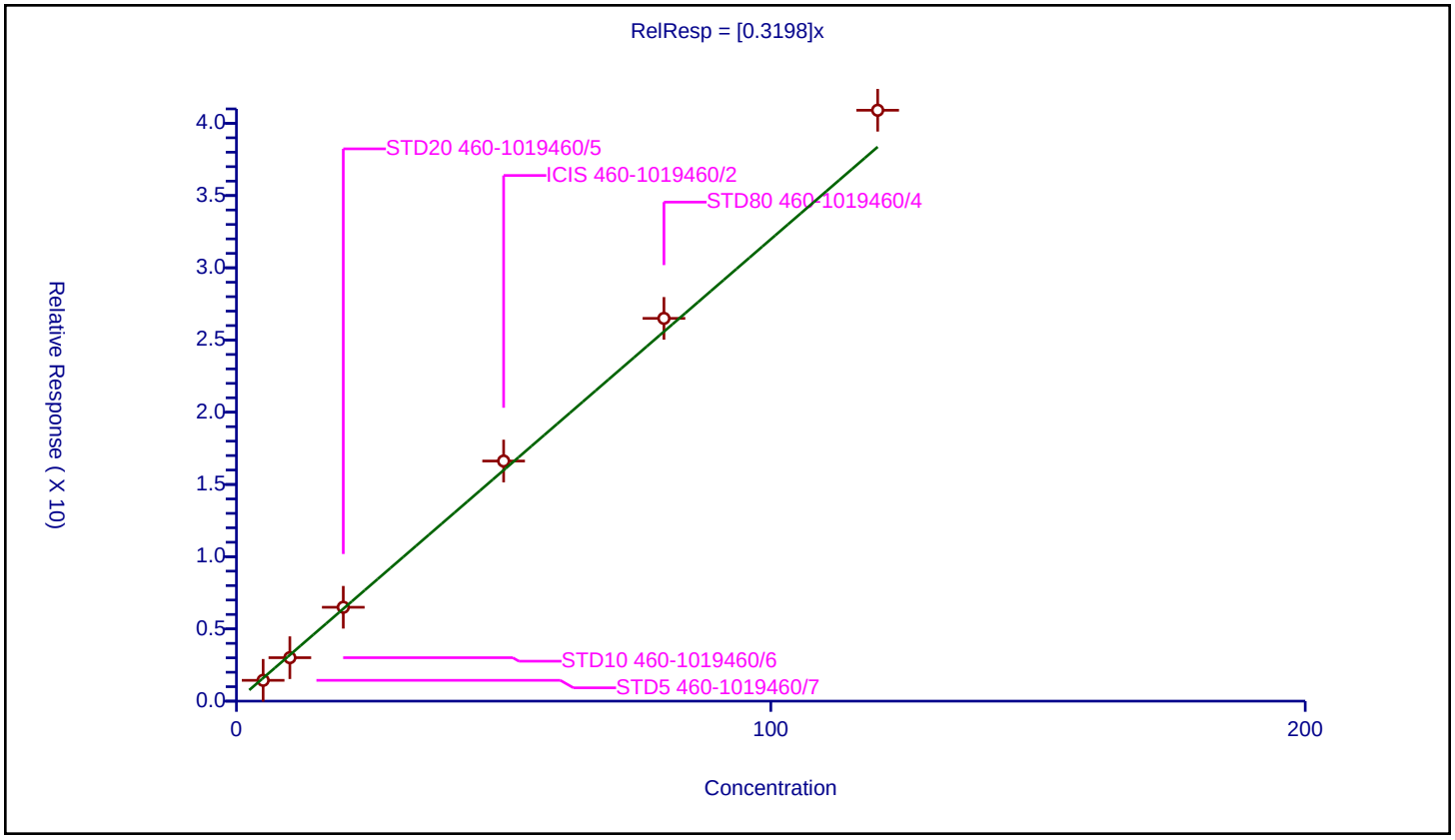
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3198 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.440968 | 40.0 | 400564.0 | 0.288194 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.008527 | 40.0 | 329171.0 | 0.300853 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 6.499026 | 40.0 | 318300.0 | 0.324951 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 16.623582 | 40.0 | 316584.0 | 0.332472 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 26.497736 | 40.0 | 329050.0 | 0.331222 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 40.906721 | 40.0 | 316437.0 | 0.340889 | Y |



## Calibration / 4,6-Dinitro-2-methylphenol

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

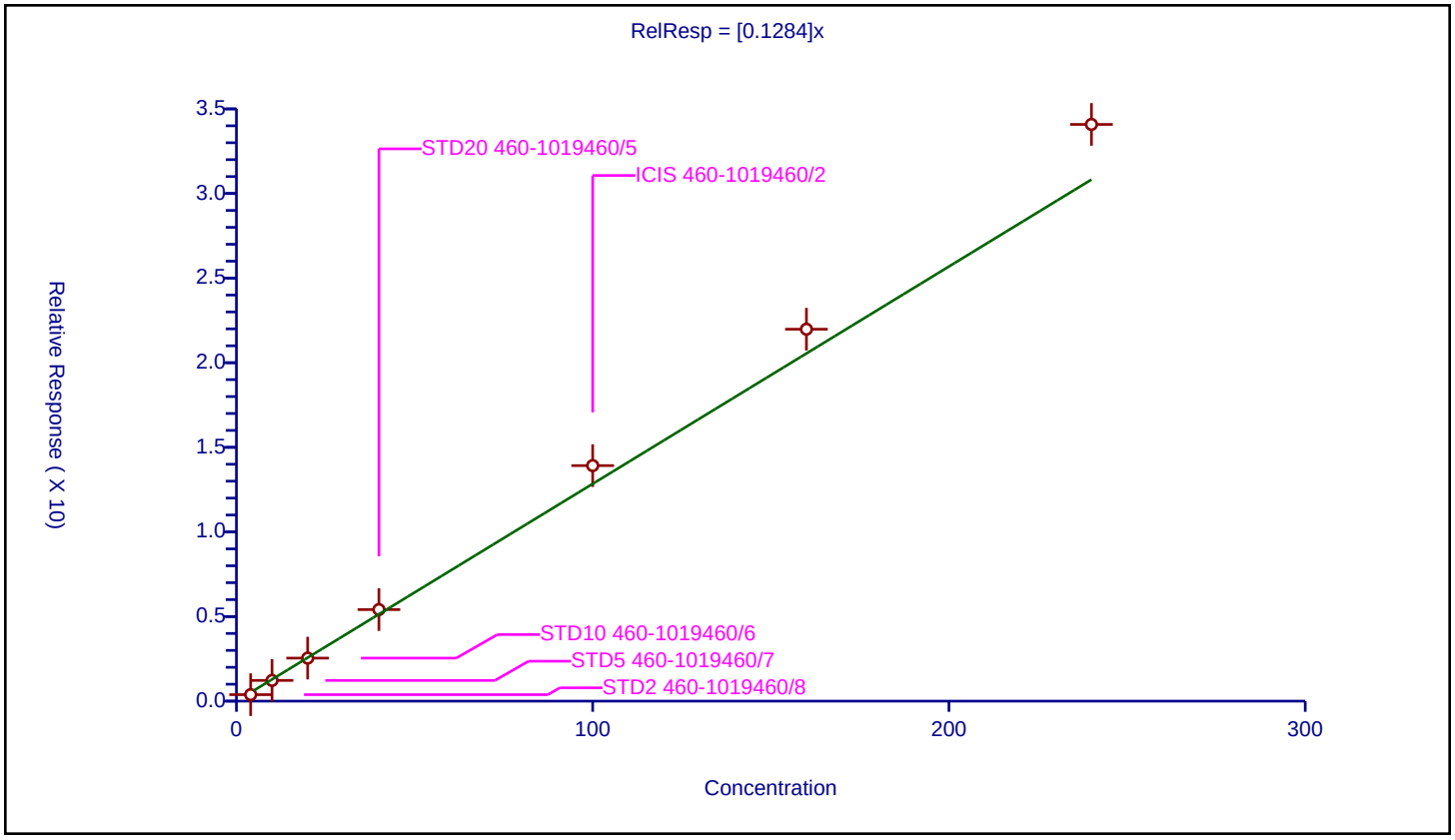
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1284 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 4.0 | 0.38267 | 40.0 | 632922.0 | 0.095667 | Y |
| 2 | STD5 460-1019460/7 | 10.0 | 1.223604 | 40.0 | 759919.0 | 0.12236 | Y |
| 3 | STD10 460-1019460/6 | 20.0 | 2.542009 | 40.0 | 624860.0 | 0.1271 | Y |
| 4 | STD20 460-1019460/5 | 40.0 | 5.411237 | 40.0 | 617722.0 | 0.135281 | Y |
| 5 | ICIS 460-1019460/2 | 100.0 | 13.919087 | 40.0 | 619828.0 | 0.139191 | Y |
| 6 | STD80 460-1019460/4 | 160.0 | 21.979715 | 40.0 | 645022.0 | 0.137373 | Y |
| 7 | STD120 460-1019460/3 | 240.0 | 34.083043 | 40.0 | 615607.0 | 0.142013 | Y |



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## Calibration / N-Nitrosodiphenylamine

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

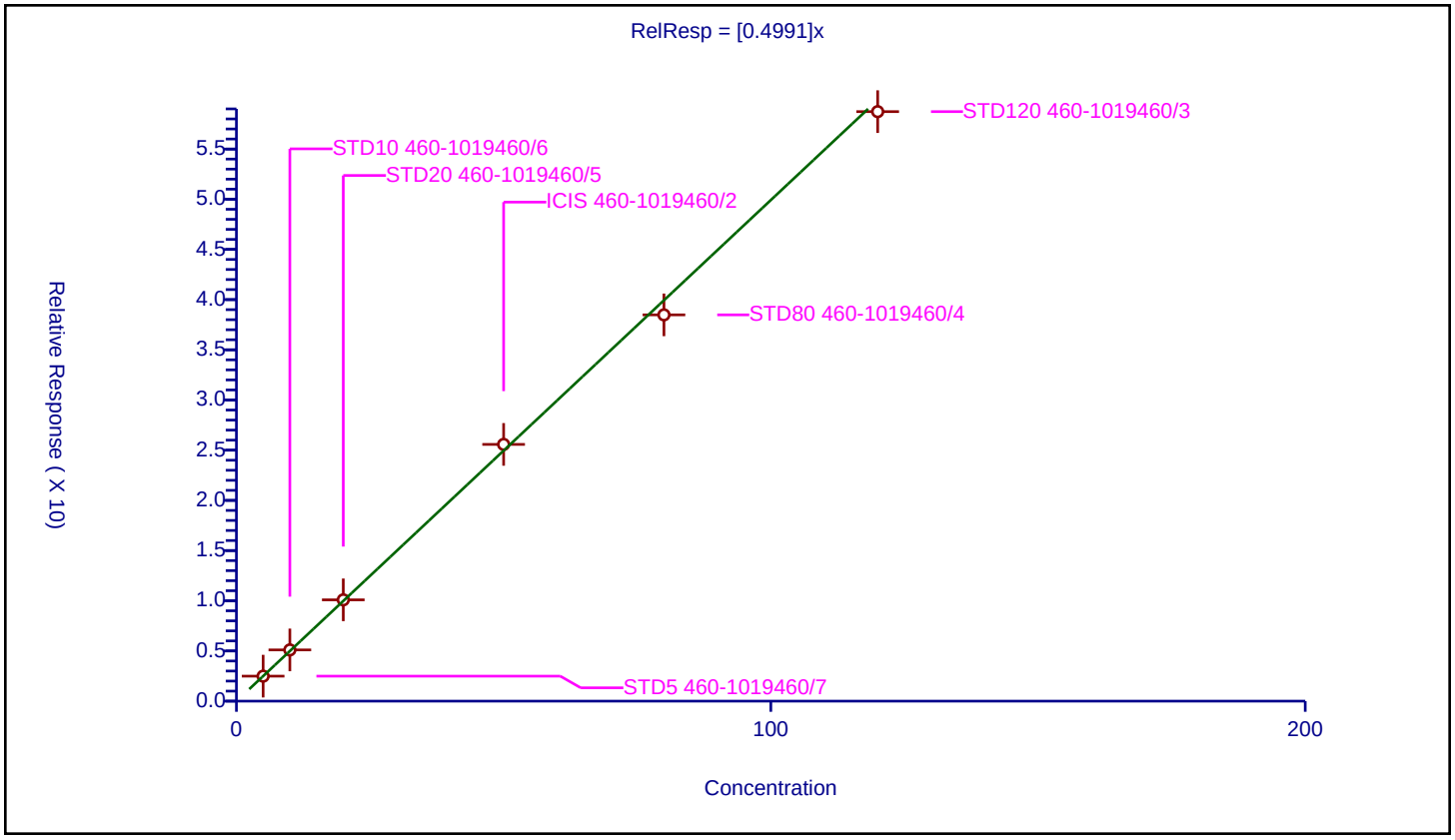
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4991 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.48995 | 40.0 | 759919.0 | 0.49799 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 5.103287 | 40.0 | 624860.0 | 0.510329 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 10.091789 | 40.0 | 617722.0 | 0.504589 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 25.577547 | 40.0 | 619828.0 | 0.511551 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 38.481478 | 40.0 | 645022.0 | 0.481018 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 58.725843 | 40.0 | 615607.0 | 0.489382 | Y |



## Calibration / 1,2-Diphenylhydrazine

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

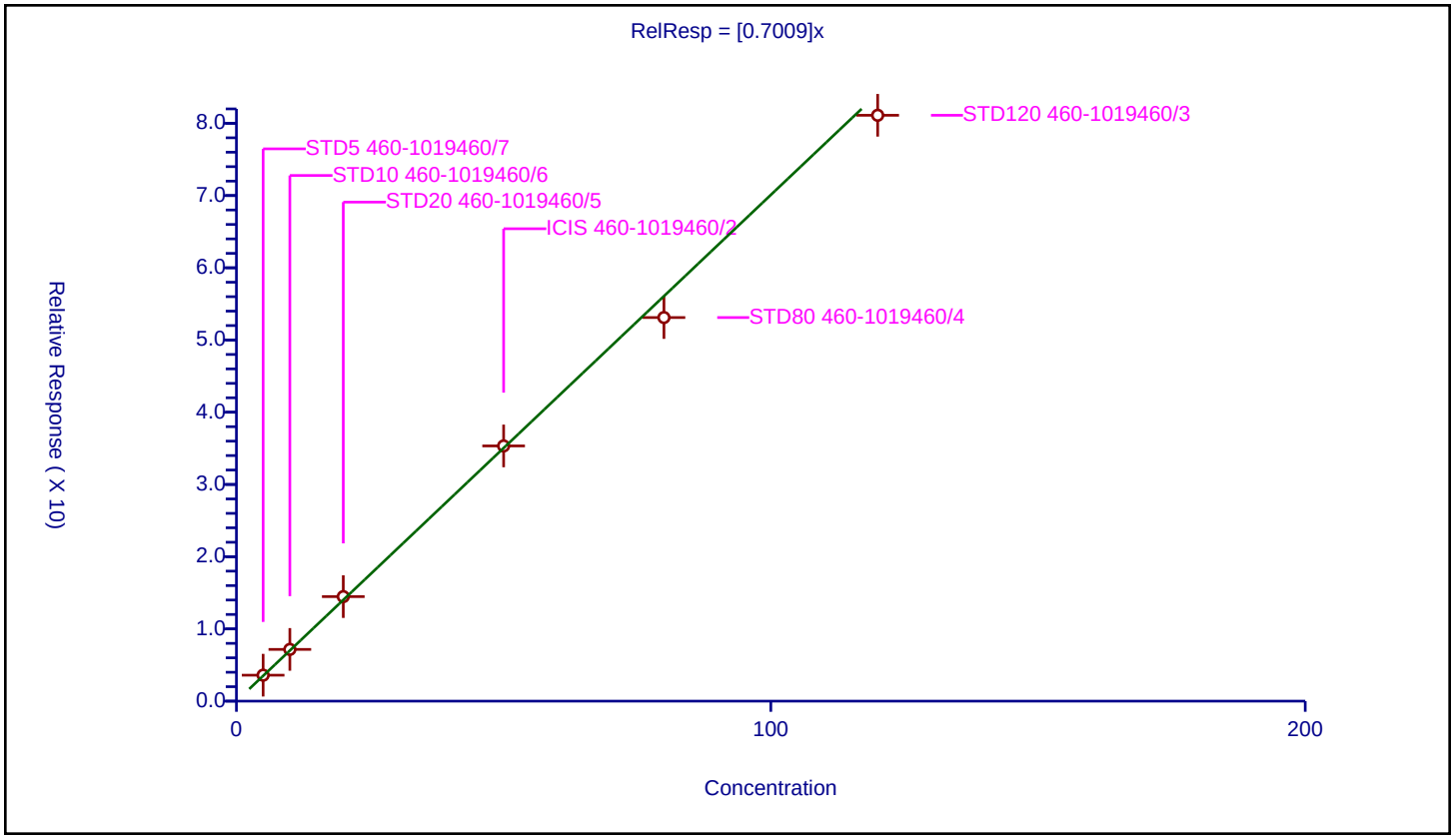
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.59512 | 40.0 | 759919.0 | 0.719024 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 7.162436 | 40.0 | 624860.0 | 0.716244 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 14.472141 | 40.0 | 617722.0 | 0.723607 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 35.336642 | 40.0 | 619828.0 | 0.706733 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 53.111615 | 40.0 | 645022.0 | 0.663895 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 81.116362 | 40.0 | 615607.0 | 0.67597 | Y |



## Calibration / Azobenzene

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

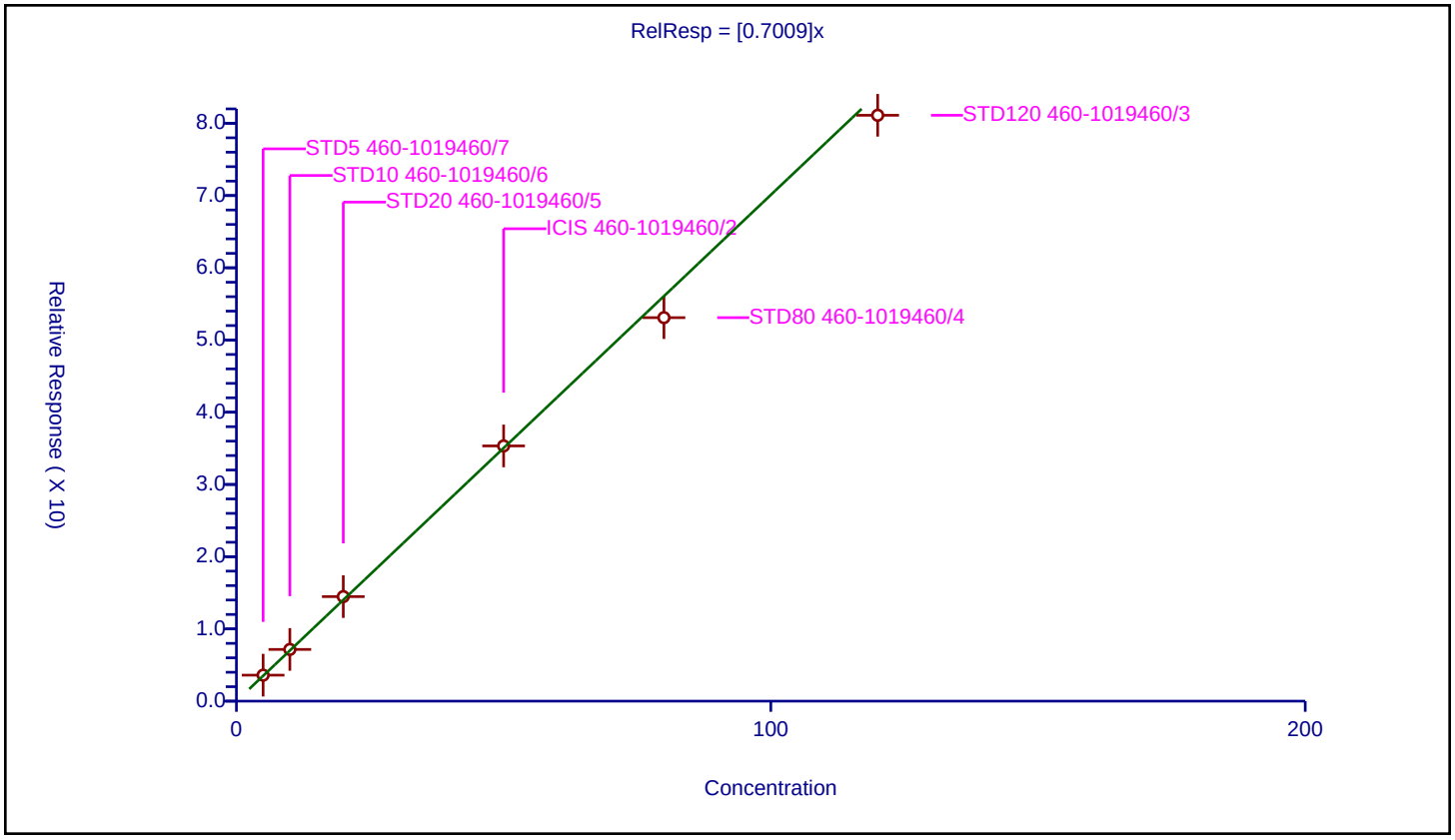
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.597647 | 40.0 | 759919.0 | 0.719529 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 7.1593 | 40.0 | 624860.0 | 0.71593 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 14.472141 | 40.0 | 617722.0 | 0.723607 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 35.336642 | 40.0 | 619828.0 | 0.706733 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 53.095925 | 40.0 | 645022.0 | 0.663699 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 81.116362 | 40.0 | 615607.0 | 0.67597 | Y |



## Calibration / 2,4,6-Tribromophenol

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

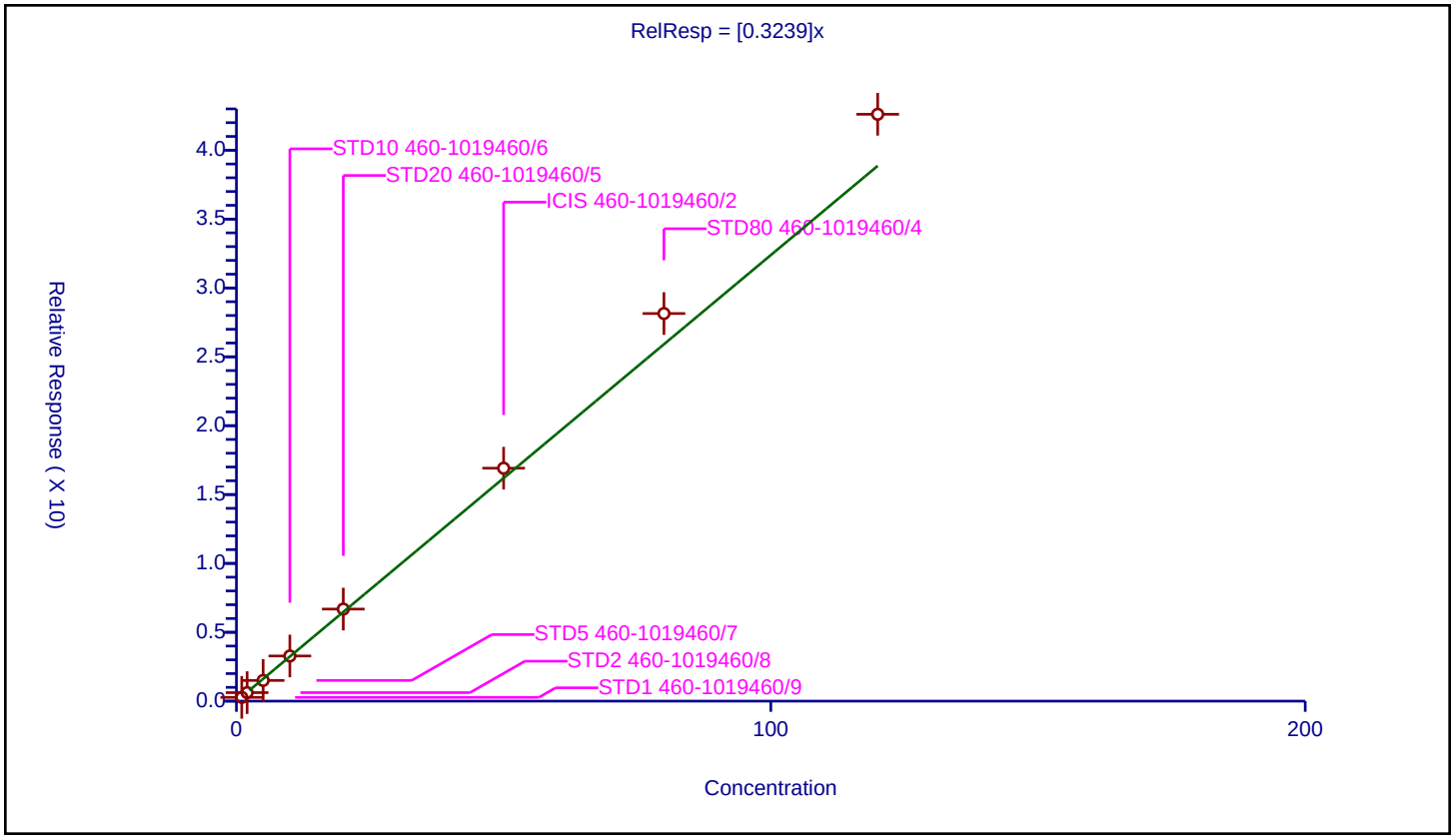
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3239 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.273833 | 40.0 | 335533.0 | 0.273833 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.61827 | 40.0 | 331247.0 | 0.309135 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 1.502781 | 40.0 | 400564.0 | 0.300556 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 3.27939 | 40.0 | 329171.0 | 0.327939 | Y |
| 5 | STD20 460-1019460/5 | 20.0 | 6.684637 | 40.0 | 318300.0 | 0.334232 | Y |
| 6 | ICIS 460-1019460/2 | 50.0 | 16.914437 | 40.0 | 316584.0 | 0.338289 | Y |
| 7 | STD80 460-1019460/4 | 80.0 | 28.143565 | 40.0 | 329050.0 | 0.351795 | Y |
| 8 | STD120 460-1019460/3 | 120.0 | 42.609177 | 40.0 | 316437.0 | 0.355076 | Y |



## Calibration / 4-Bromophenyl phenyl ether

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

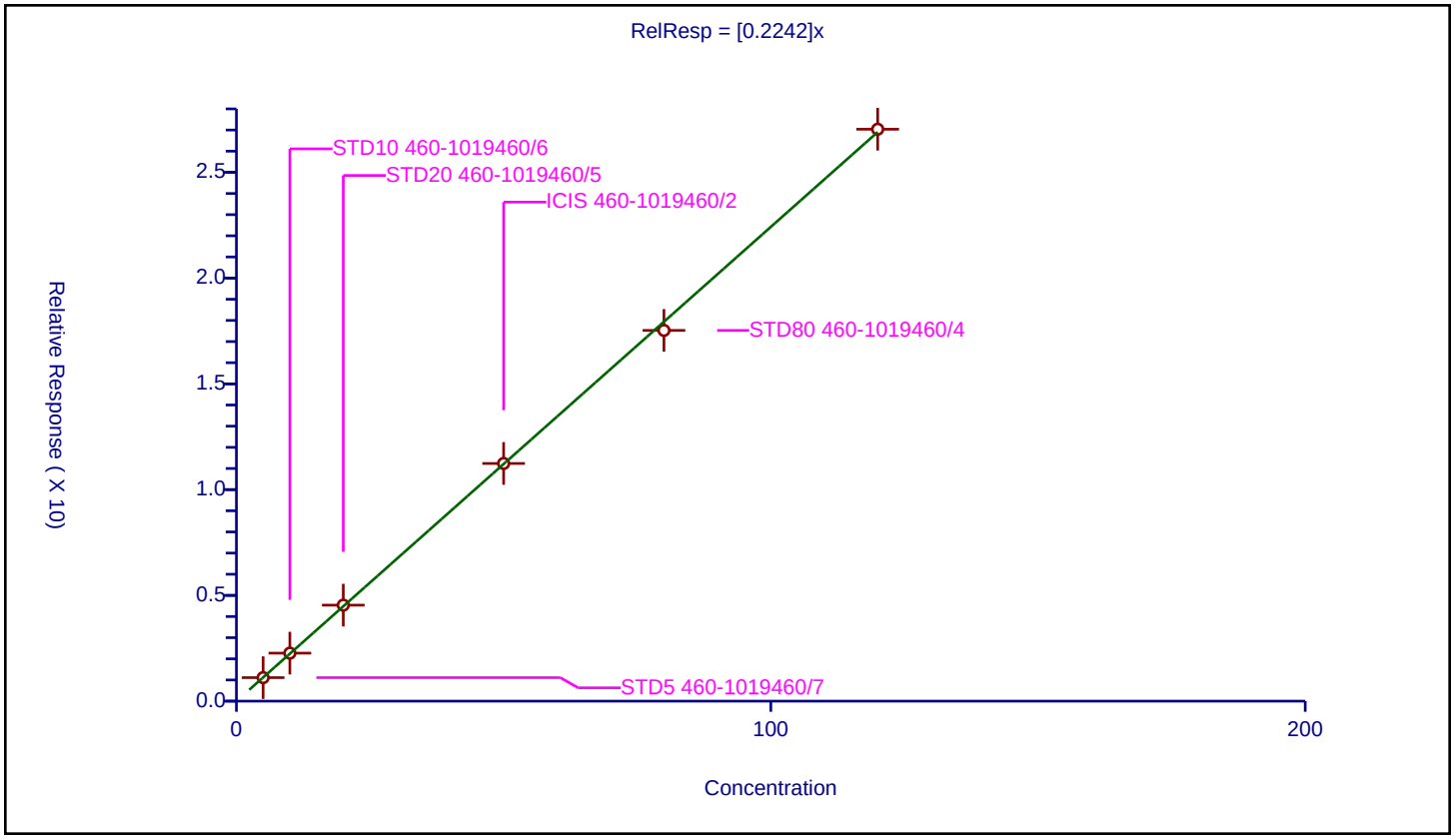
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2242 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.111434 | 40.0 | 759919.0 | 0.222287 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 2.269116 | 40.0 | 624860.0 | 0.226912 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 4.538223 | 40.0 | 617722.0 | 0.226911 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 11.236472 | 40.0 | 619828.0 | 0.224729 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 17.526906 | 40.0 | 645022.0 | 0.219086 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 27.038419 | 40.0 | 615607.0 | 0.22532 | Y |



## Calibration / Hexachlorobenzene

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

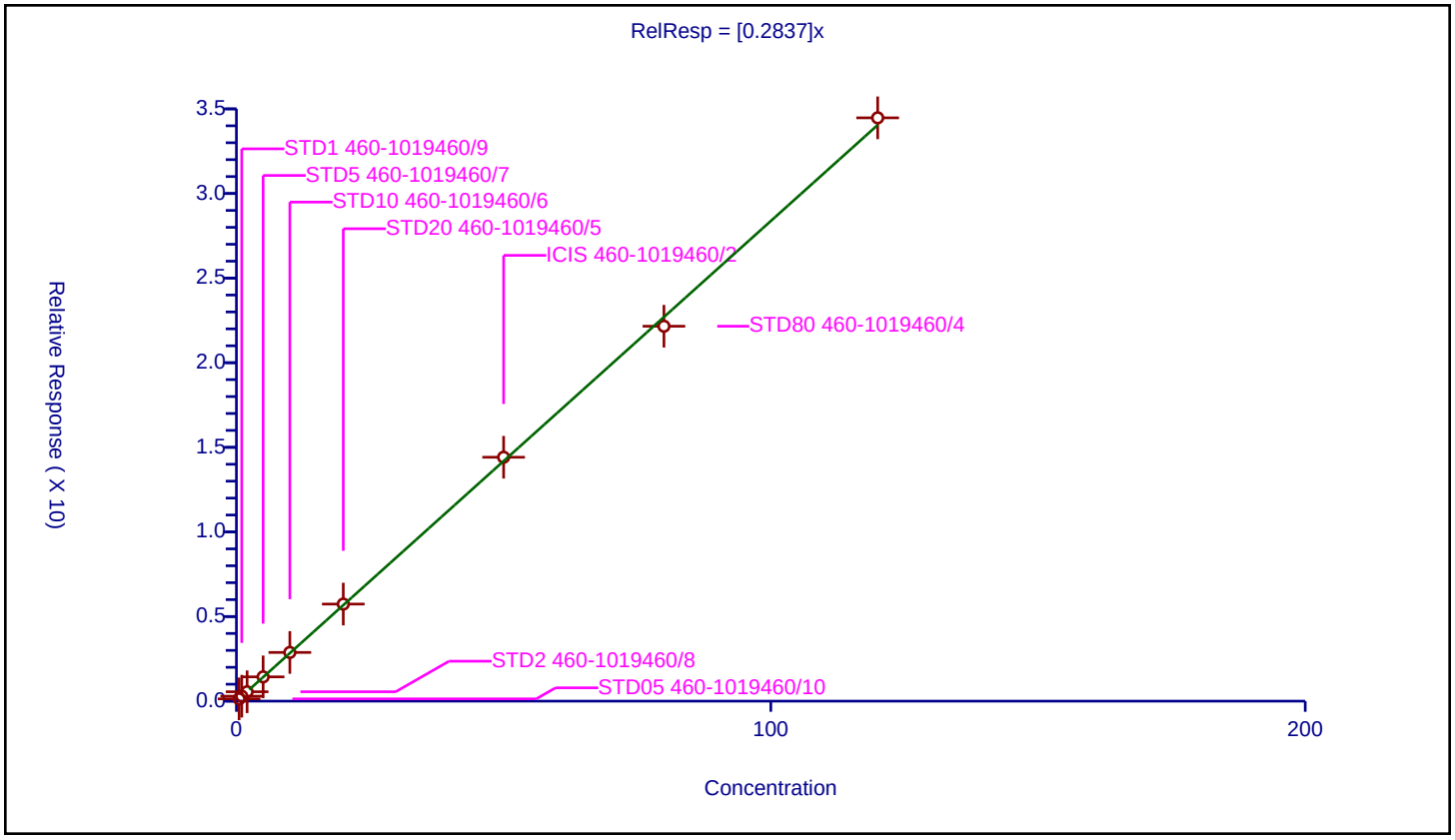
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2837 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.13452 | 40.0 | 626822.0 | 0.26904 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.293366 | 40.0 | 632520.0 | 0.293366 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 0.554444 | 40.0 | 632922.0 | 0.277222 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 1.434521 | 40.0 | 759919.0 | 0.286904 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 2.878277 | 40.0 | 624860.0 | 0.287828 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 5.735784 | 40.0 | 617722.0 | 0.286789 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 14.413418 | 40.0 | 619828.0 | 0.288268 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 22.155771 | 40.0 | 645022.0 | 0.276947 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 34.471603 | 40.0 | 615607.0 | 0.287263 | Y |



## Calibration / Atrazine

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

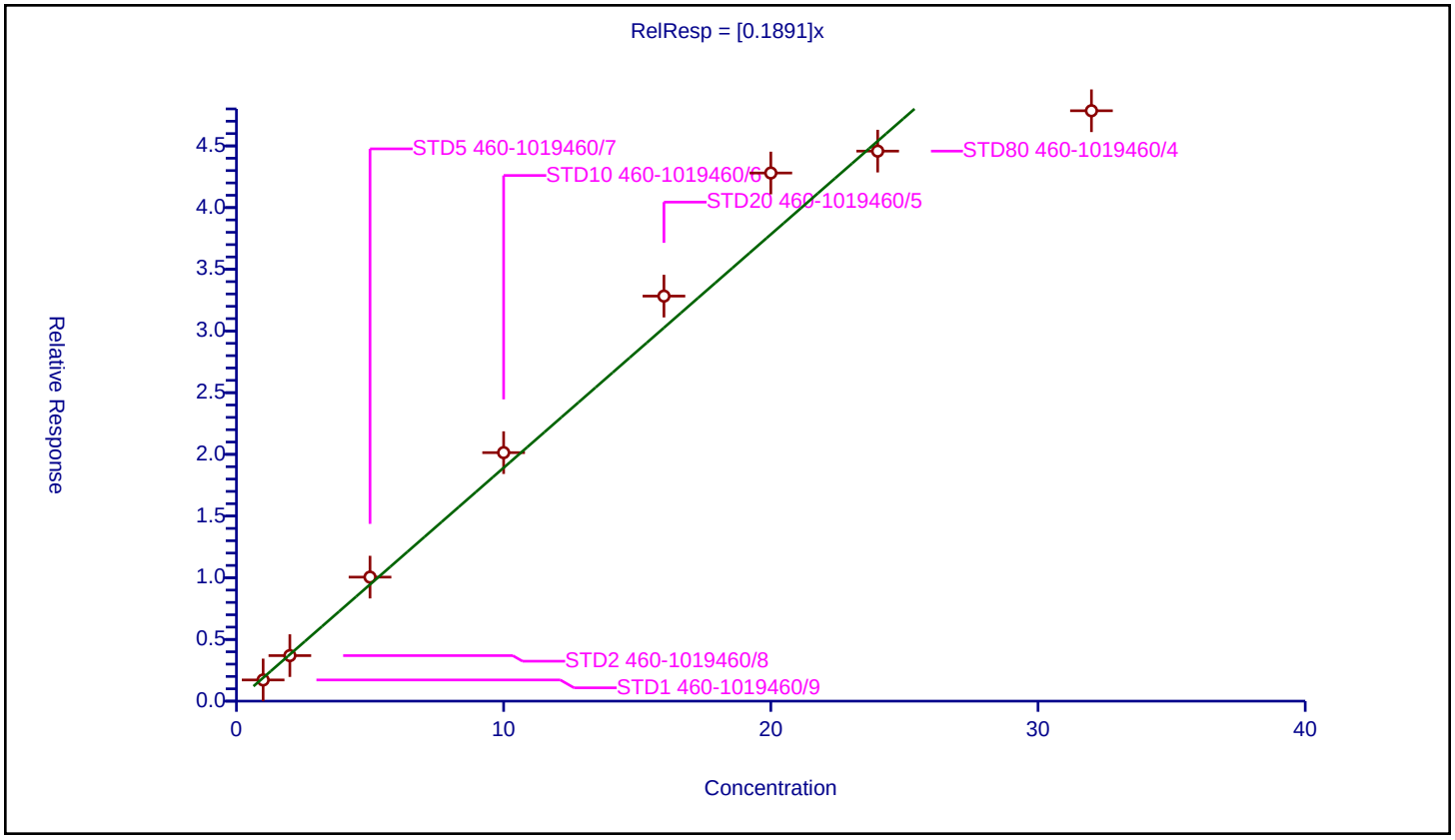
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1891 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD1 460-1019460/9 | 1.0 | 0.171631 | 40.0 | 632520.0 | 0.171631 | Y |
| 2 | STD2 460-1019460/8 | 2.0 | 0.369019 | 40.0 | 632922.0 | 0.184509 | Y |
| 3 | STD5 460-1019460/7 | 5.0 | 1.00516 | 40.0 | 759919.0 | 0.201032 | Y |
| 4 | STD10 460-1019460/6 | 10.0 | 2.014147 | 40.0 | 624860.0 | 0.201415 | Y |
| 5 | STD20 460-1019460/5 | 16.0 | 3.282771 | 40.0 | 617722.0 | 0.205173 | Y |
| 6 | ICIS 460-1019460/2 | 20.0 | 4.280349 | 40.0 | 619828.0 | 0.214017 | Y |
| 7 | STD80 460-1019460/4 | 24.0 | 4.45777 | 40.0 | 645022.0 | 0.18574 | Y |
| 8 | STD120 460-1019460/3 | 32.0 | 4.784806 | 40.0 | 615607.0 | 0.149525 | Y |



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## Calibration / Pentachlorophenol

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

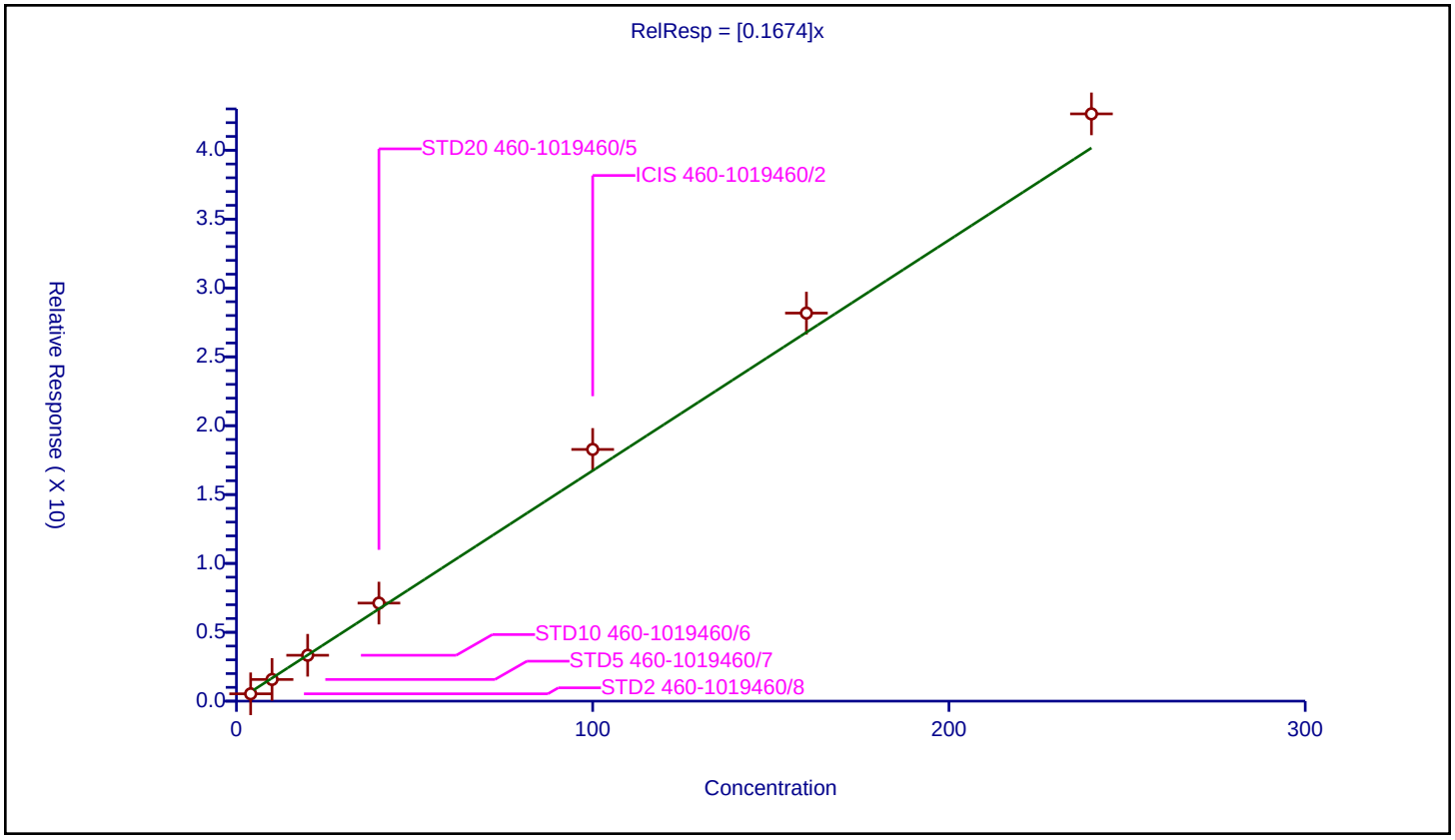
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1674 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 4.0 | 0.532767 | 40.0 | 632922.0 | 0.133192 | Y |
| 2 | STD5 460-1019460/7 | 10.0 | 1.573273 | 40.0 | 759919.0 | 0.157327 | Y |
| 3 | STD10 460-1019460/6 | 20.0 | 3.330986 | 40.0 | 624860.0 | 0.166549 | Y |
| 4 | STD20 460-1019460/5 | 40.0 | 7.118477 | 40.0 | 617722.0 | 0.177962 | Y |
| 5 | ICIS 460-1019460/2 | 100.0 | 18.274941 | 40.0 | 619828.0 | 0.182749 | Y |
| 6 | STD80 460-1019460/4 | 160.0 | 28.173861 | 40.0 | 645022.0 | 0.176087 | Y |
| 7 | STD120 460-1019460/3 | 240.0 | 42.638437 | 40.0 | 615607.0 | 0.17766 | Y |



## Calibration / Pentachloronitrobenzene

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

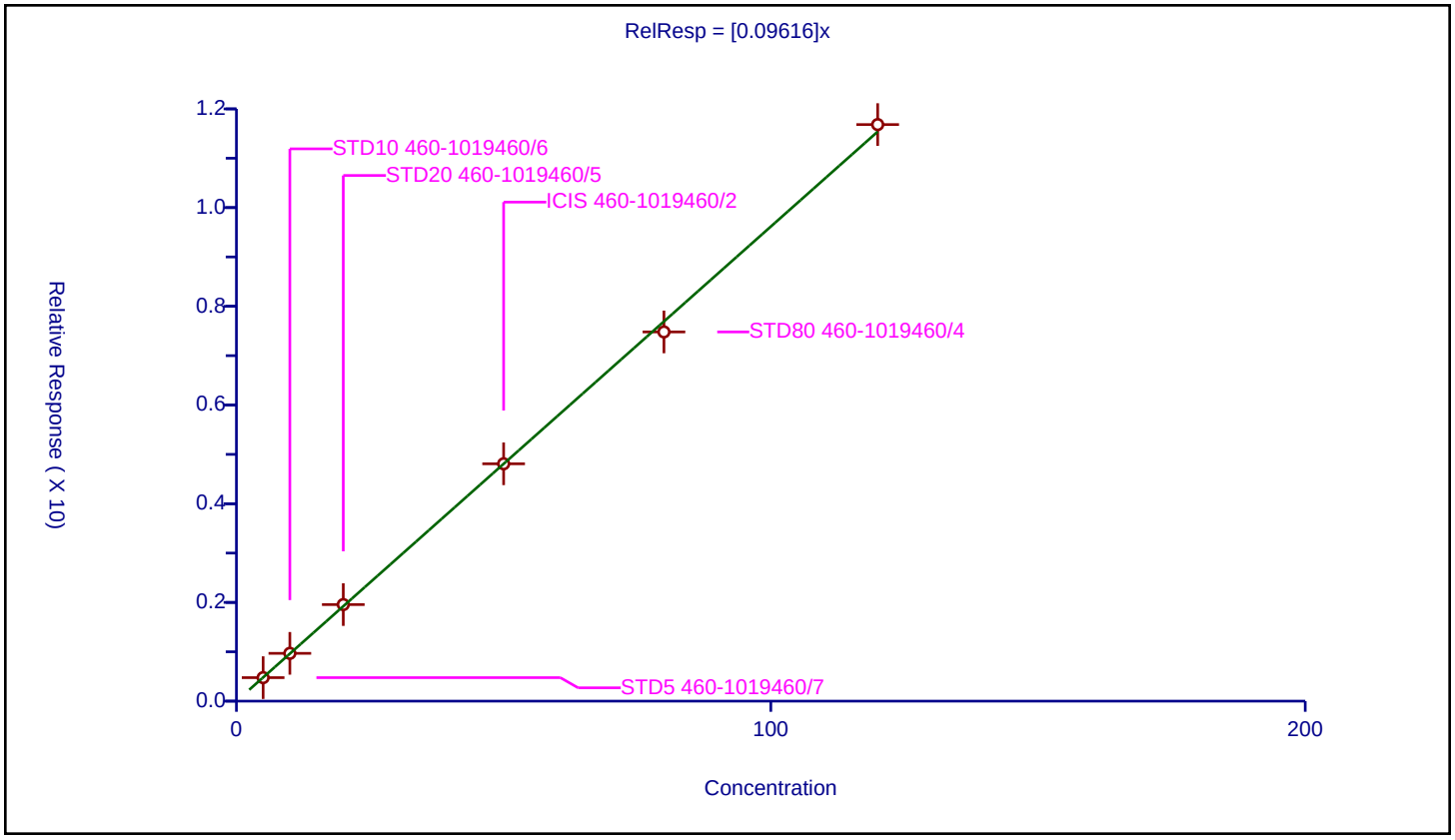
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.09616 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 1.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 0.475998 | 40.0 | 759919.0 | 0.0952 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 0.968665 | 40.0 | 624860.0 | 0.096866 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 1.956738 | 40.0 | 617722.0 | 0.097837 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 4.809012 | 40.0 | 619828.0 | 0.09618 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 7.481047 | 40.0 | 645022.0 | 0.093513 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 11.681933 | 40.0 | 615607.0 | 0.097349 | Y |



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## Calibration / n-Octadecane

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

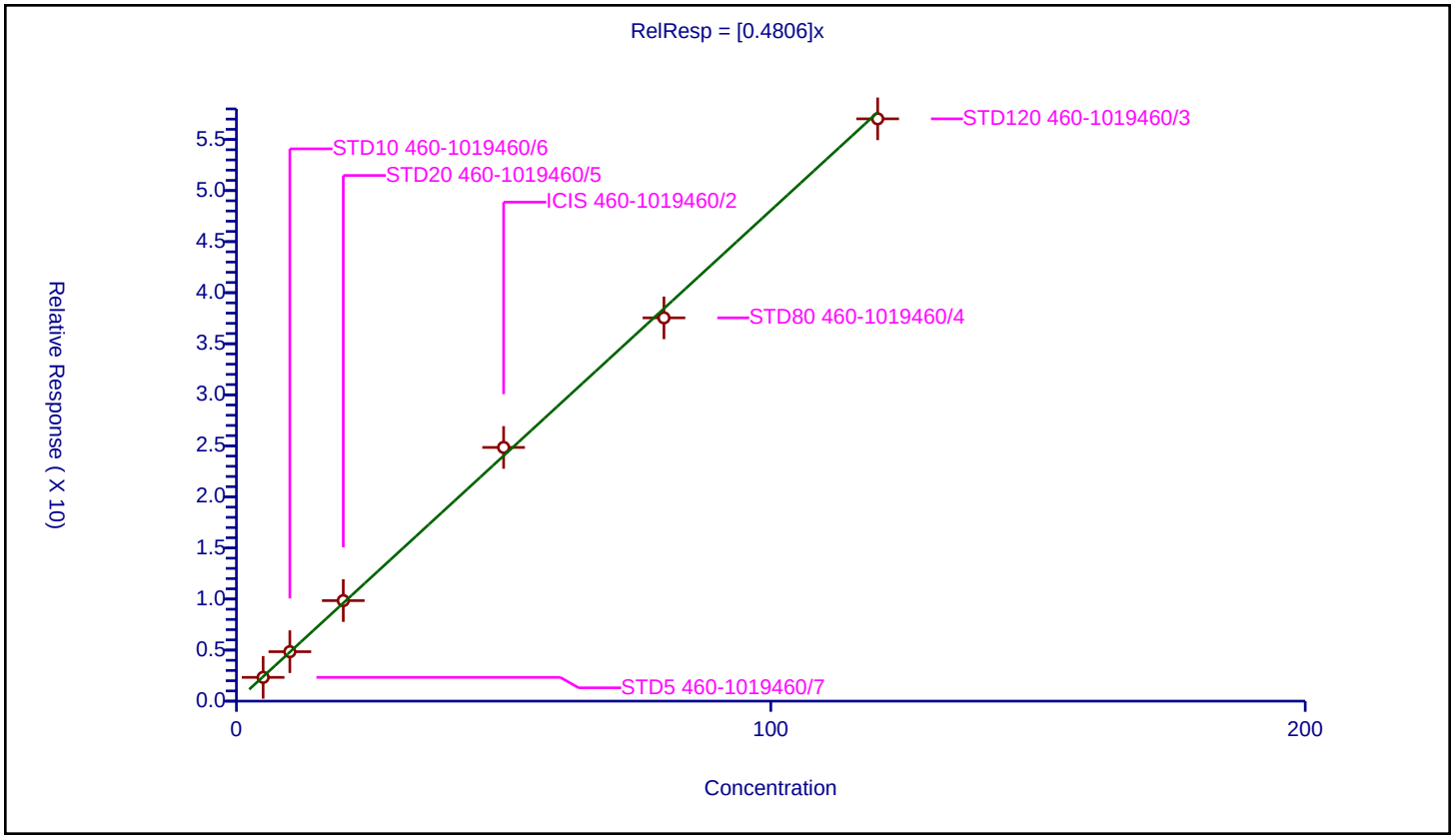
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4806 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.328775 | 40.0 | 759919.0 | 0.465755 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 4.842365 | 40.0 | 624860.0 | 0.484236 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 9.844428 | 40.0 | 617722.0 | 0.492221 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 24.844634 | 40.0 | 619828.0 | 0.496893 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 37.536456 | 40.0 | 645022.0 | 0.469206 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 57.027487 | 40.0 | 615607.0 | 0.475229 | Y |



## Calibration / Phenanthrene

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

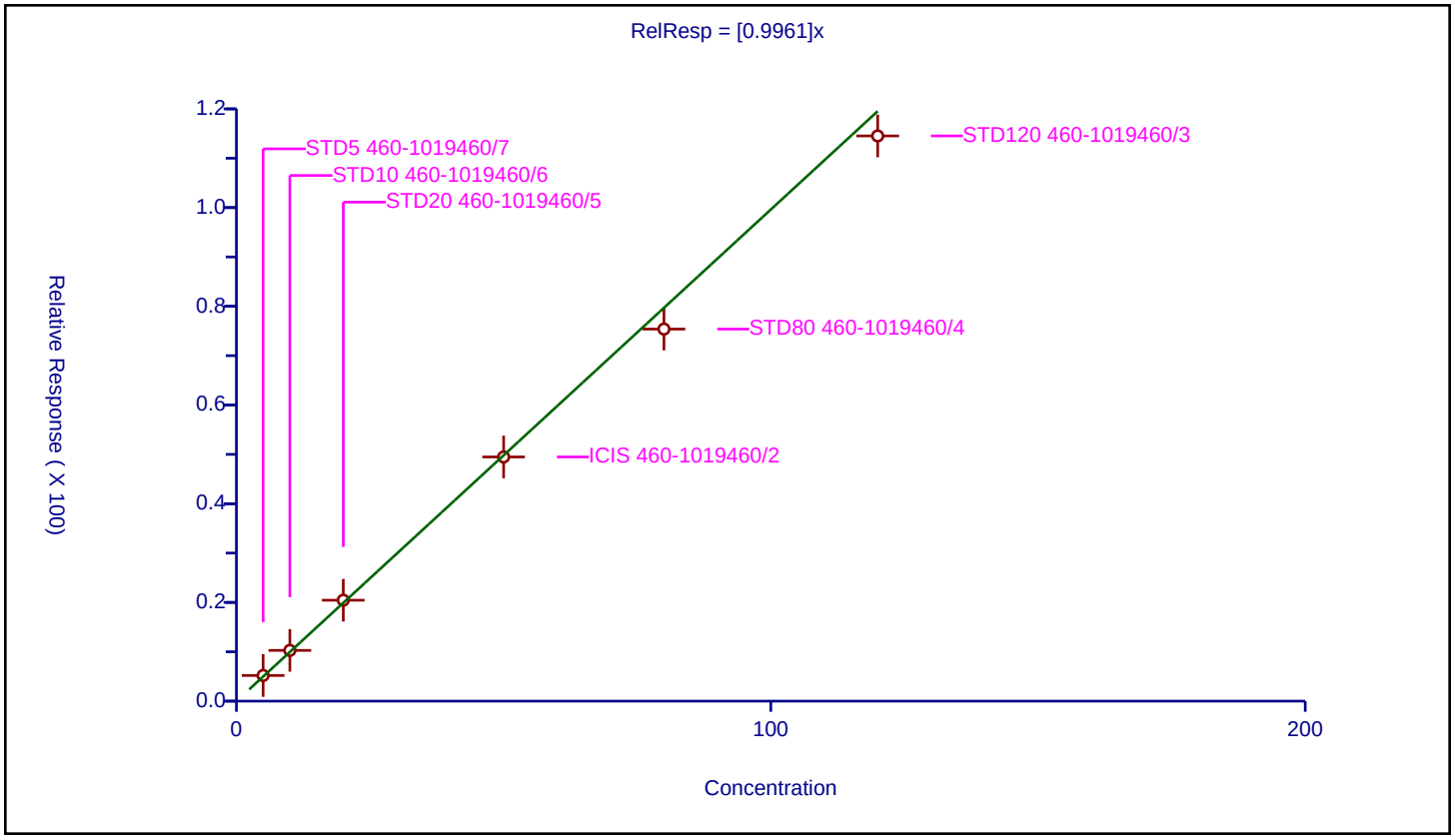
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9961 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.197975 | 40.0 | 759919.0 | 1.039595 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 10.281279 | 40.0 | 624860.0 | 1.028128 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 20.452178 | 40.0 | 617722.0 | 1.022609 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 49.476113 | 40.0 | 619828.0 | 0.989522 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 75.384219 | 40.0 | 645022.0 | 0.942303 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 114.521505 | 40.0 | 615607.0 | 0.954346 | Y |



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## Calibration / Anthracene

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

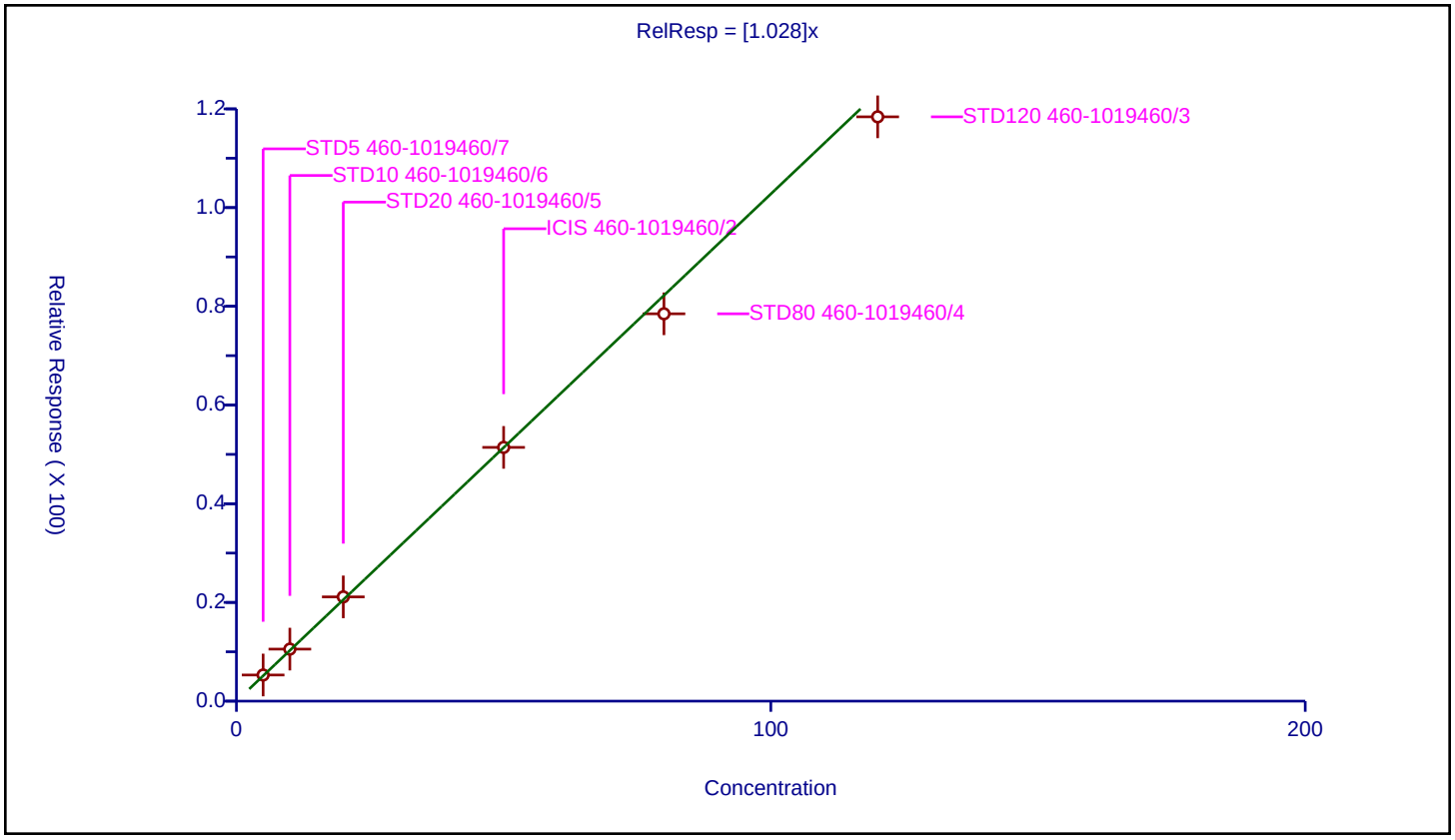
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.028 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.296091 | 40.0 | 759919.0 | 1.059218 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 10.540921 | 40.0 | 624860.0 | 1.054092 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 21.123807 | 40.0 | 617722.0 | 1.05619 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 51.414328 | 40.0 | 619828.0 | 1.028287 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 78.483835 | 40.0 | 645022.0 | 0.981048 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 118.390012 | 40.0 | 615607.0 | 0.986583 | Y |



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## Calibration / Carbazole

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

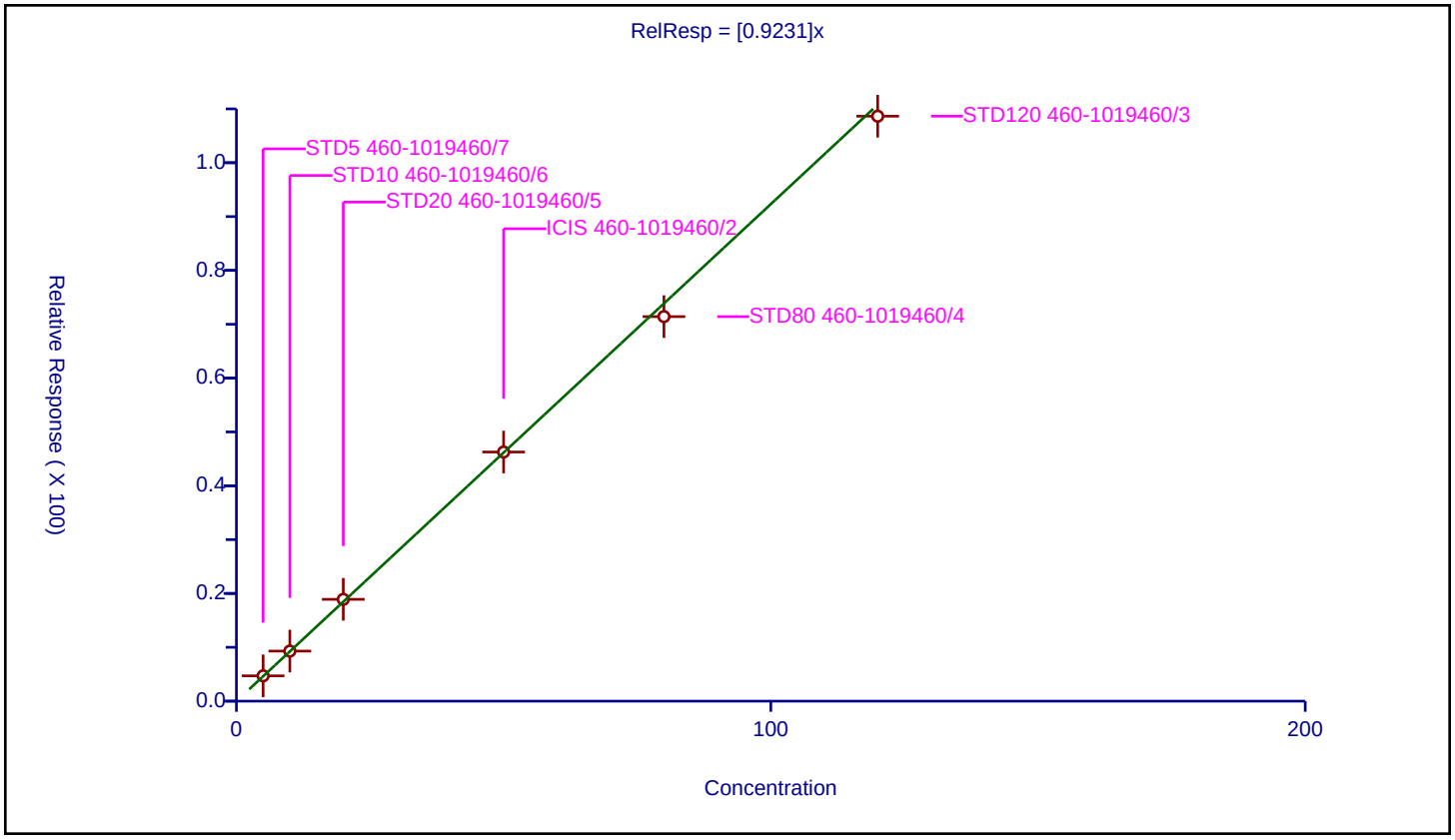
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9231 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 4.702501 | 40.0 | 759919.0 | 0.9405 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 9.296034 | 40.0 | 624860.0 | 0.929603 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 18.90734 | 40.0 | 617722.0 | 0.945367 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 46.268126 | 40.0 | 619828.0 | 0.925363 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 71.420076 | 40.0 | 645022.0 | 0.892751 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 108.637166 | 40.0 | 615607.0 | 0.90531 | Y |



## Calibration / Di-n-butyl phthalate

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

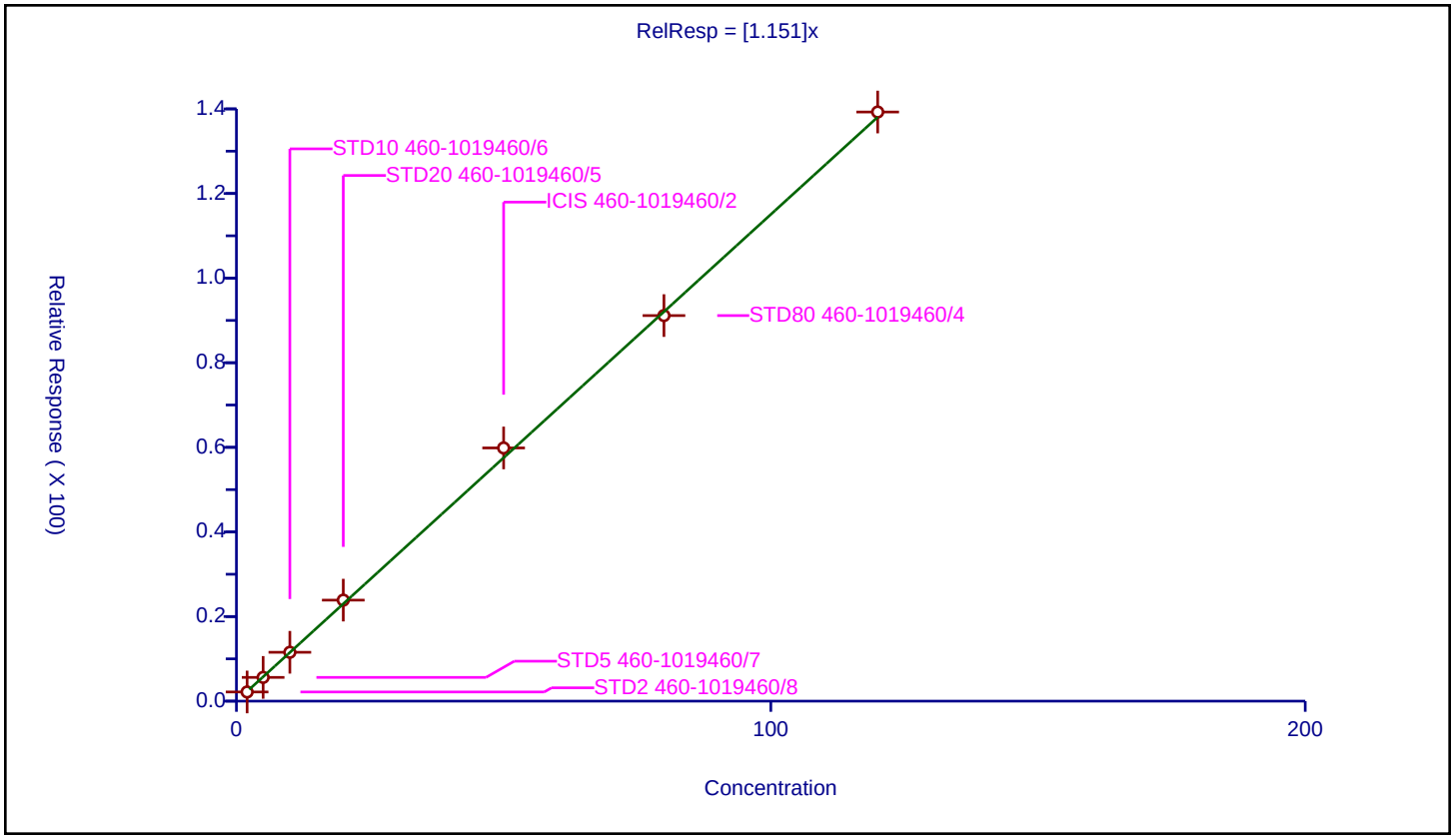
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.151 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 2.170378 | 40.0 | 632922.0 | 1.085189 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 5.614862 | 40.0 | 759919.0 | 1.122972 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 11.548891 | 40.0 | 624860.0 | 1.154889 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 23.878897 | 40.0 | 617722.0 | 1.193945 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 59.850604 | 40.0 | 619828.0 | 1.197012 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 91.14207 | 40.0 | 645022.0 | 1.139276 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 139.262224 | 40.0 | 615607.0 | 1.160519 | Y |



## Calibration / Fluoranthene

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

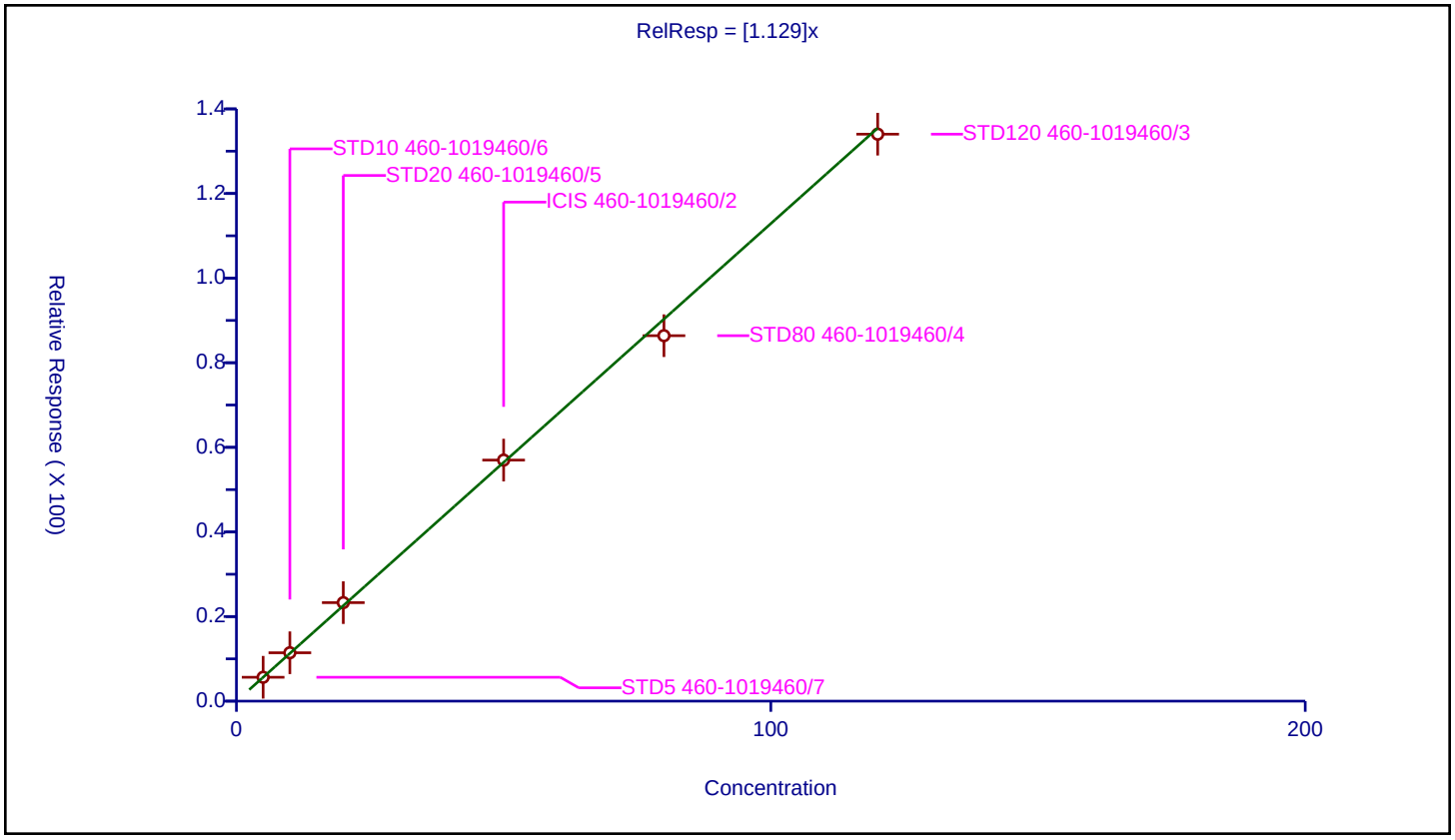
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.129 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.642812 | 40.0 | 759919.0 | 1.128562 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 11.438402 | 40.0 | 624860.0 | 1.14384 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 23.282706 | 40.0 | 617722.0 | 1.164135 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 56.984583 | 40.0 | 619828.0 | 1.139692 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 86.39234 | 40.0 | 645022.0 | 1.079904 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 134.023037 | 40.0 | 615607.0 | 1.116859 | Y |



## Calibration / Benzidine

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

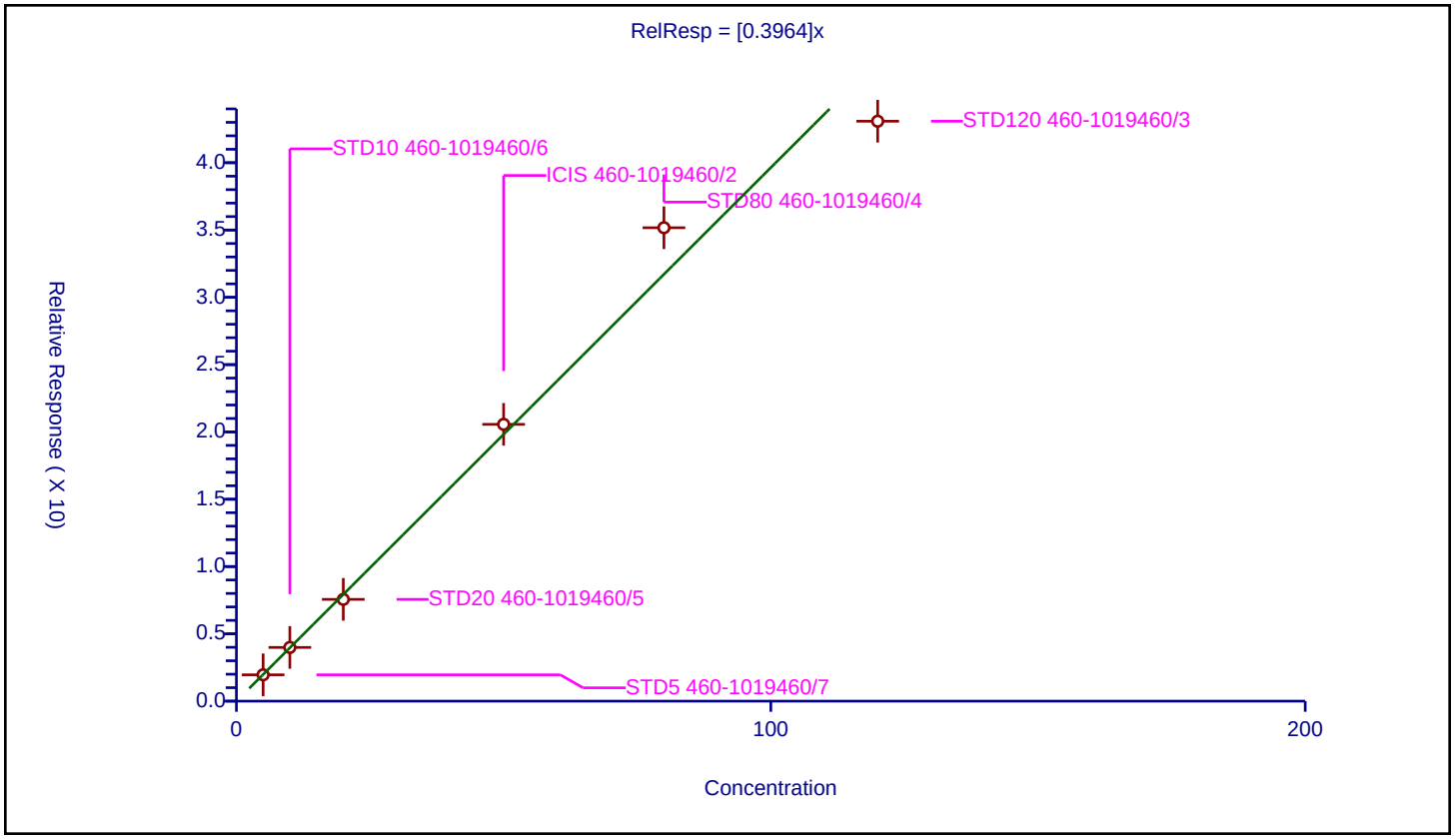
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3964 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.956419 | 40.0 | 759919.0 | 0.391284 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 3.990974 | 40.0 | 624860.0 | 0.399097 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 7.558805 | 40.0 | 617722.0 | 0.37794 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 20.564027 | 40.0 | 619828.0 | 0.411281 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 35.171203 | 40.0 | 645022.0 | 0.43964 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 43.083266 | 40.0 | 615607.0 | 0.359027 | Y |



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## Calibration / Pyrene

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

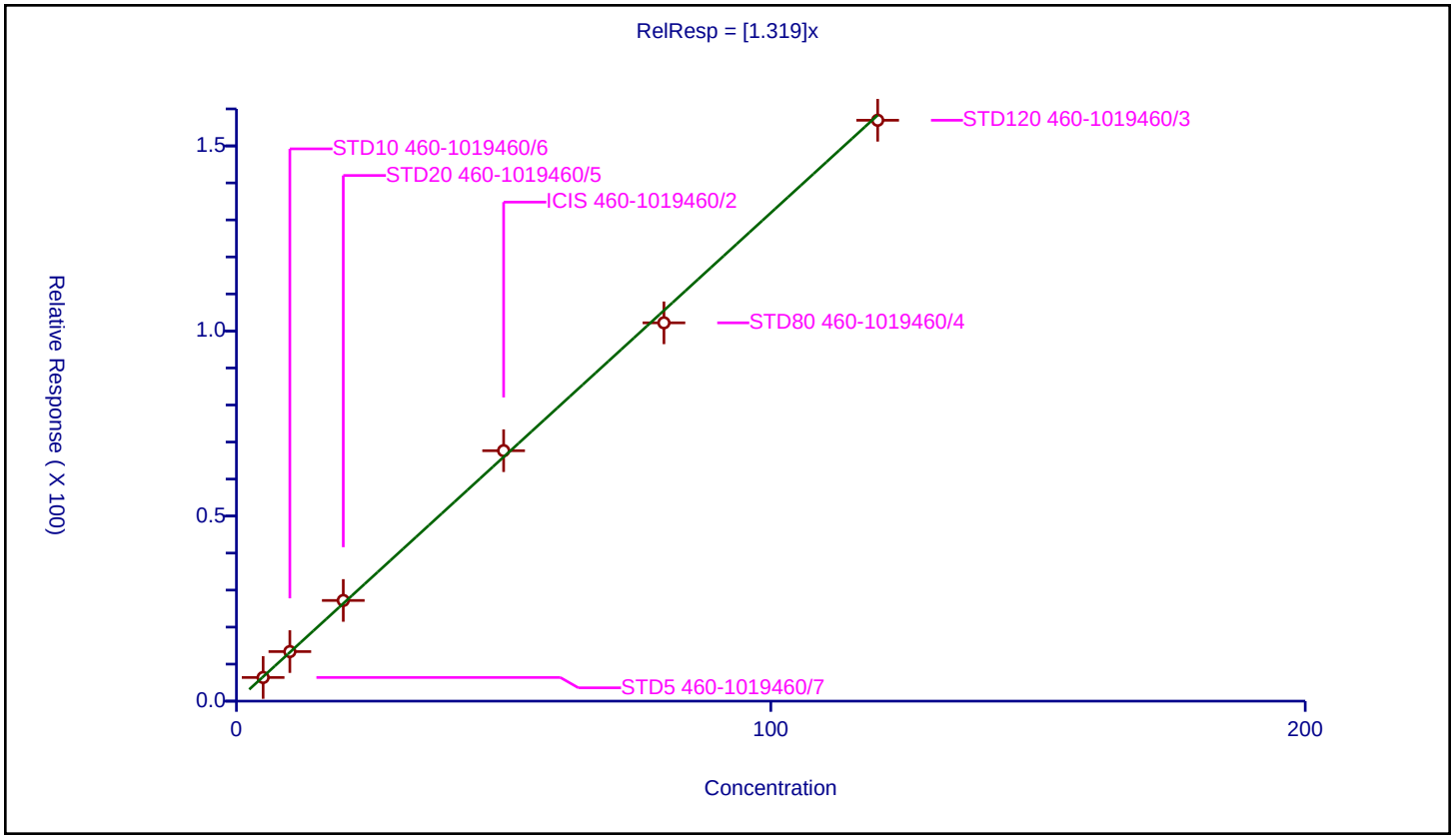
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.319 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.389971 | 40.0 | 690482.0 | 1.277994 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 13.385394 | 40.0 | 557046.0 | 1.338539 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 27.201438 | 40.0 | 549668.0 | 1.360072 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 67.66345 | 40.0 | 538559.0 | 1.353269 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 102.209145 | 40.0 | 557709.0 | 1.277614 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 156.928824 | 40.0 | 531106.0 | 1.30774 | Y |



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## Calibration / Bisphenol-A

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

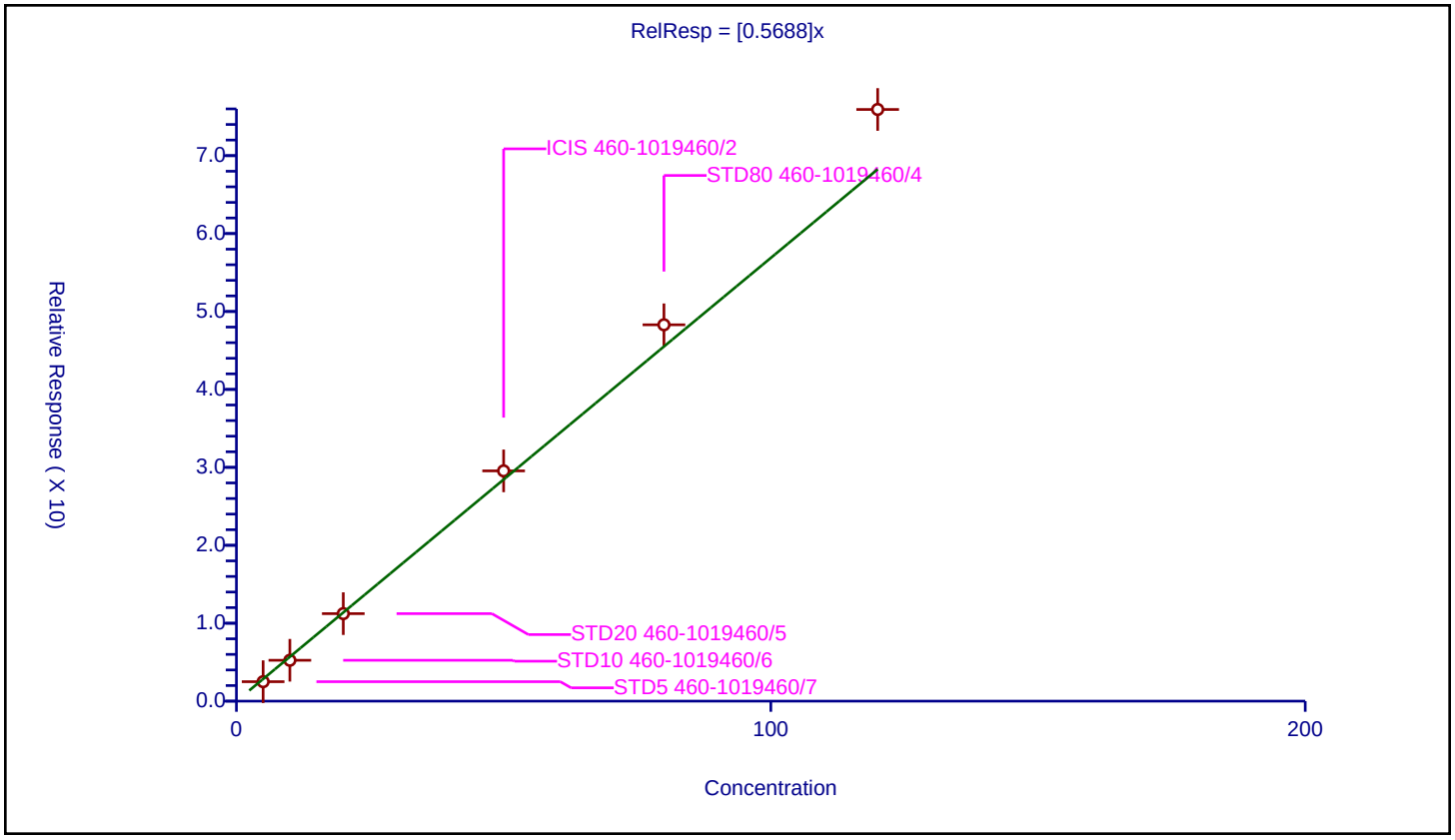
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5688 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.497444 | 40.0 | 690482.0 | 0.499489 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 5.243804 | 40.0 | 557046.0 | 0.52438 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 11.22765 | 40.0 | 549668.0 | 0.561383 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 29.549297 | 40.0 | 538559.0 | 0.590986 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 48.296657 | 40.0 | 557709.0 | 0.603708 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 75.92571 | 40.0 | 531106.0 | 0.632714 | Y |



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## Calibration / Terphenyl-d14

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

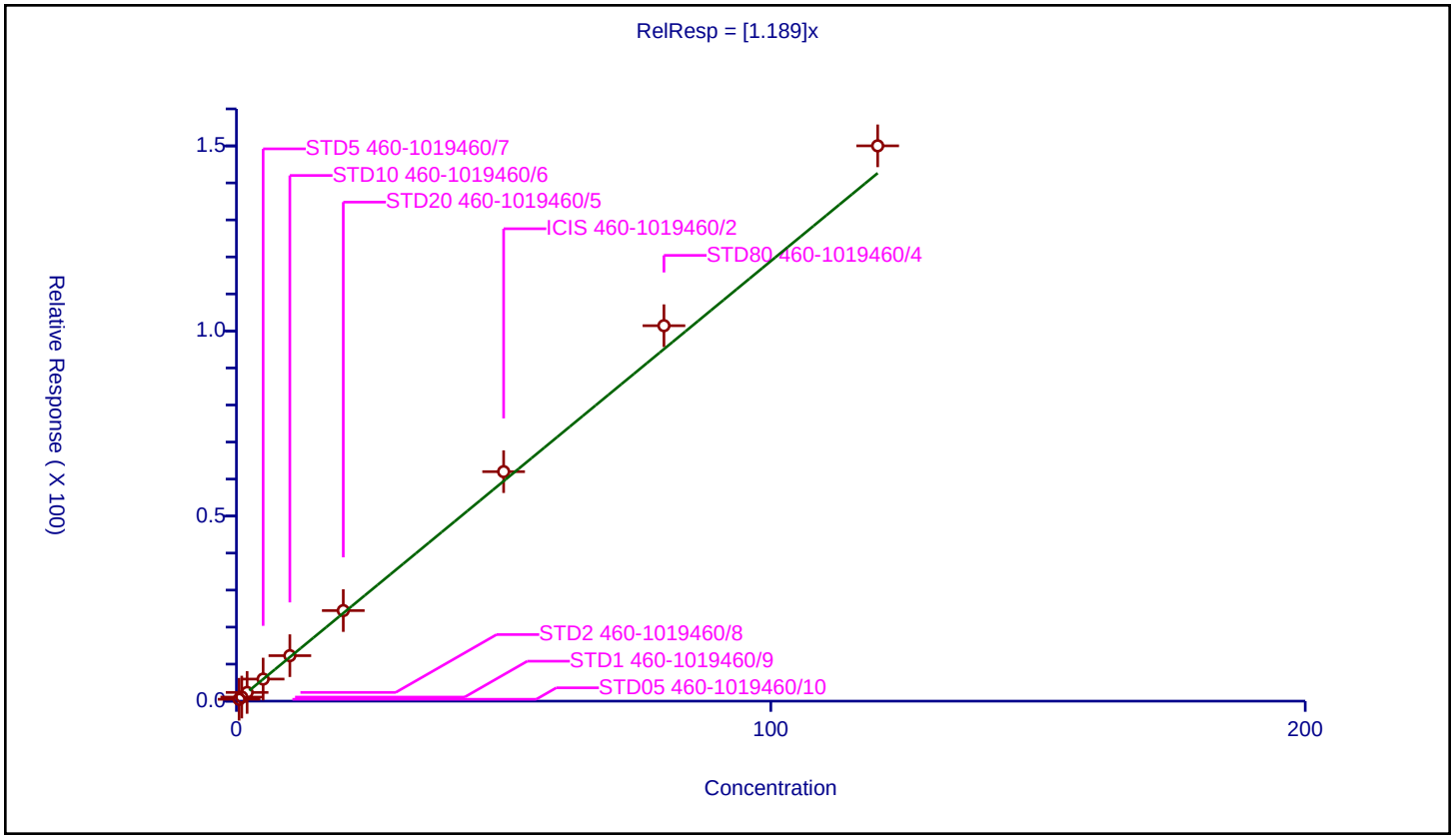
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.189 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.508913 | 40.0 | 553886.0 | 1.017827 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.100512 | 40.0 | 564319.0 | 1.100512 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.358662 | 40.0 | 552805.0 | 1.179331 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.958331 | 40.0 | 690482.0 | 1.191666 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 12.283582 | 40.0 | 557046.0 | 1.228358 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 24.467351 | 40.0 | 549668.0 | 1.223368 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 61.995882 | 40.0 | 538559.0 | 1.239918 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 101.428236 | 40.0 | 557709.0 | 1.267853 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 150.019168 | 40.0 | 531106.0 | 1.25016 | Y |



## Calibration / Butyl benzyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

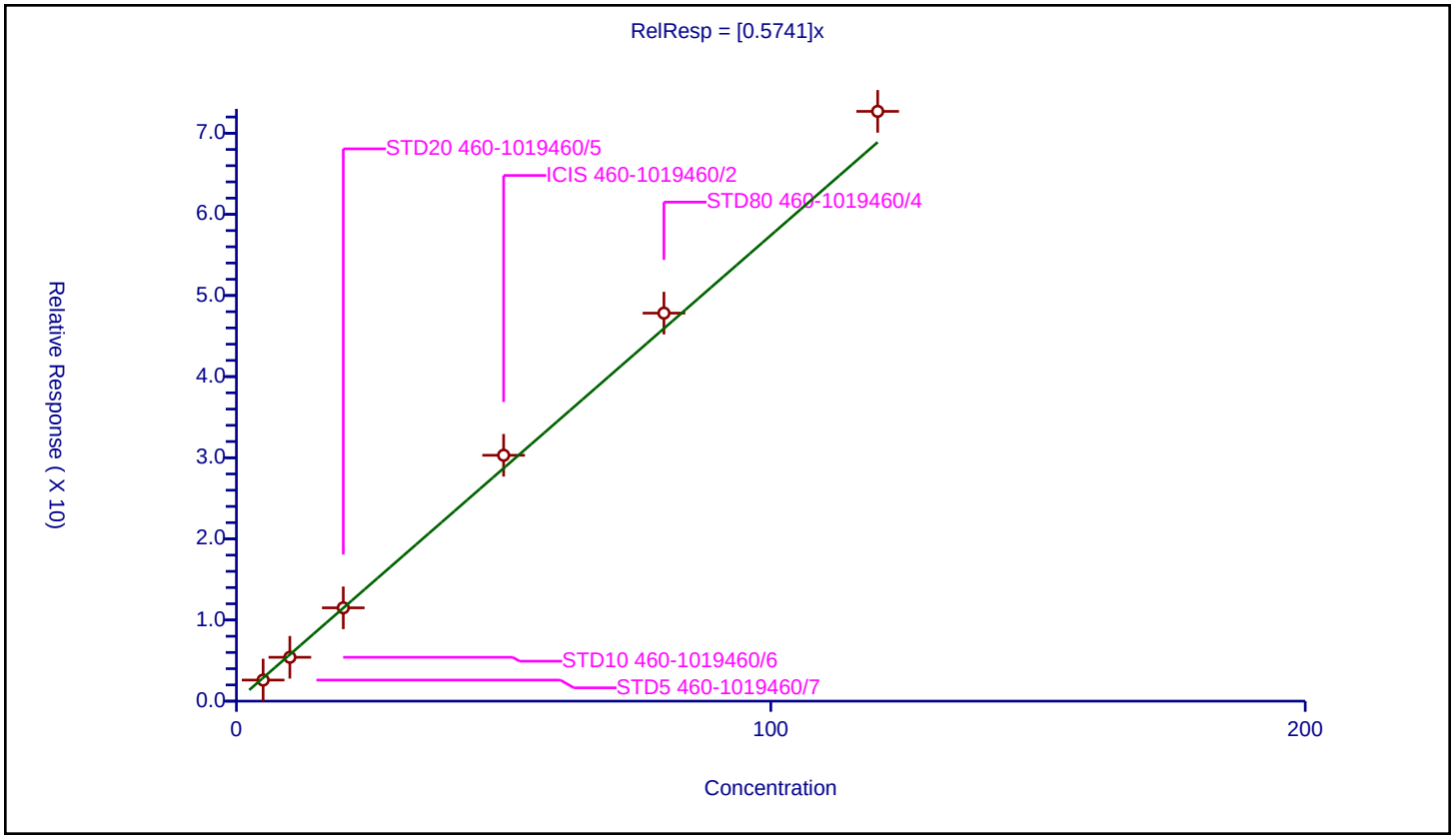
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5741 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 2.598069 | 40.0 | 690482.0 | 0.519614 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 5.404652 | 40.0 | 557046.0 | 0.540465 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 11.501706 | 40.0 | 549668.0 | 0.575085 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 30.305018 | 40.0 | 538559.0 | 0.6061 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 47.826232 | 40.0 | 557709.0 | 0.597828 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 72.695997 | 40.0 | 531106.0 | 0.6058 | Y |



## Calibration / Carbamazepine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

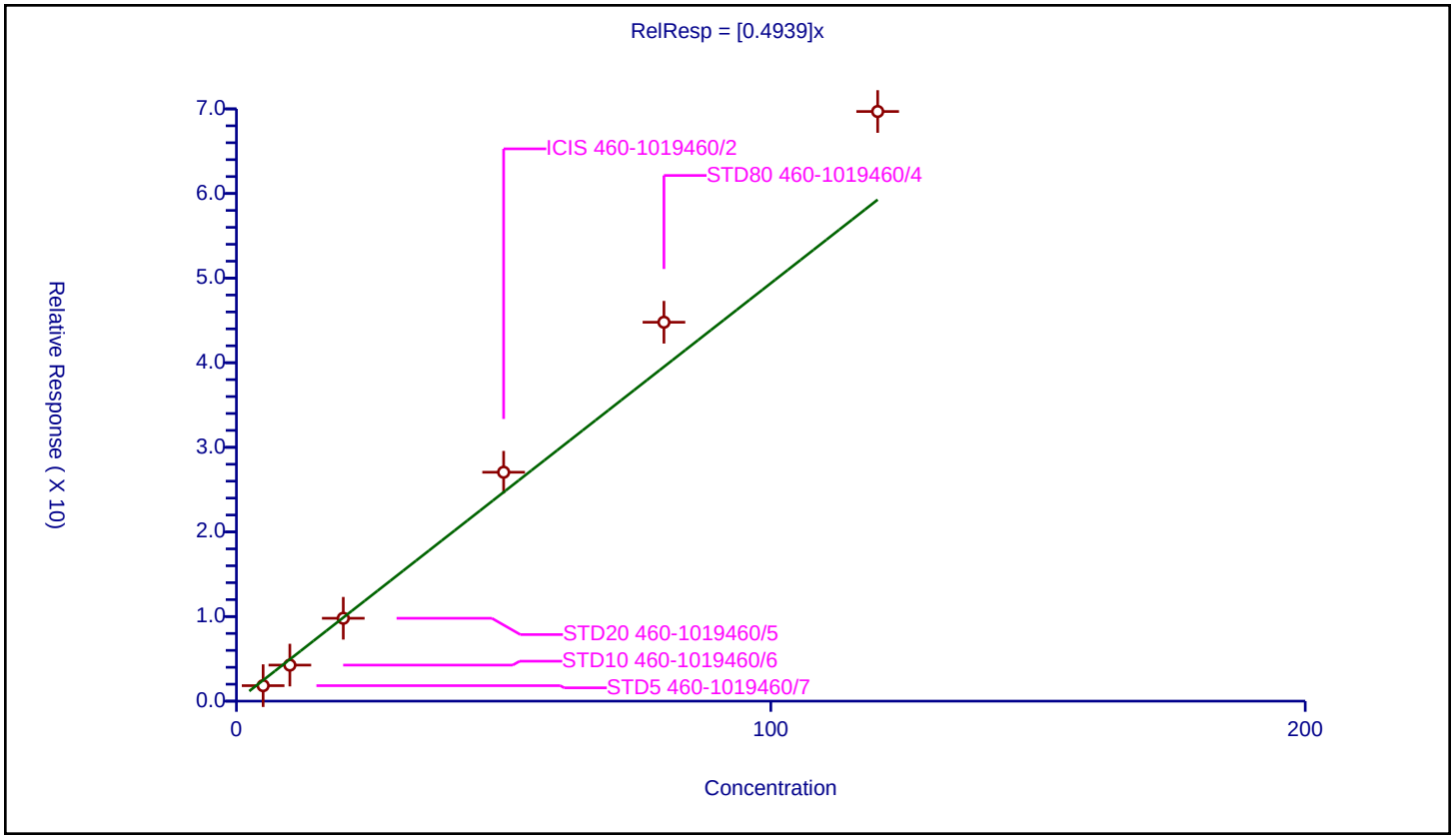
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4939 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 1.830953 | 40.0 | 690482.0 | 0.366191 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 4.259684 | 40.0 | 557046.0 | 0.425968 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 9.795658 | 40.0 | 549668.0 | 0.489783 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 27.056497 | 40.0 | 538559.0 | 0.54113 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 44.784287 | 40.0 | 557709.0 | 0.559804 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 69.691022 | 40.0 | 531106.0 | 0.580759 | Y |



## Calibration / 2,3,7,8-TCDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

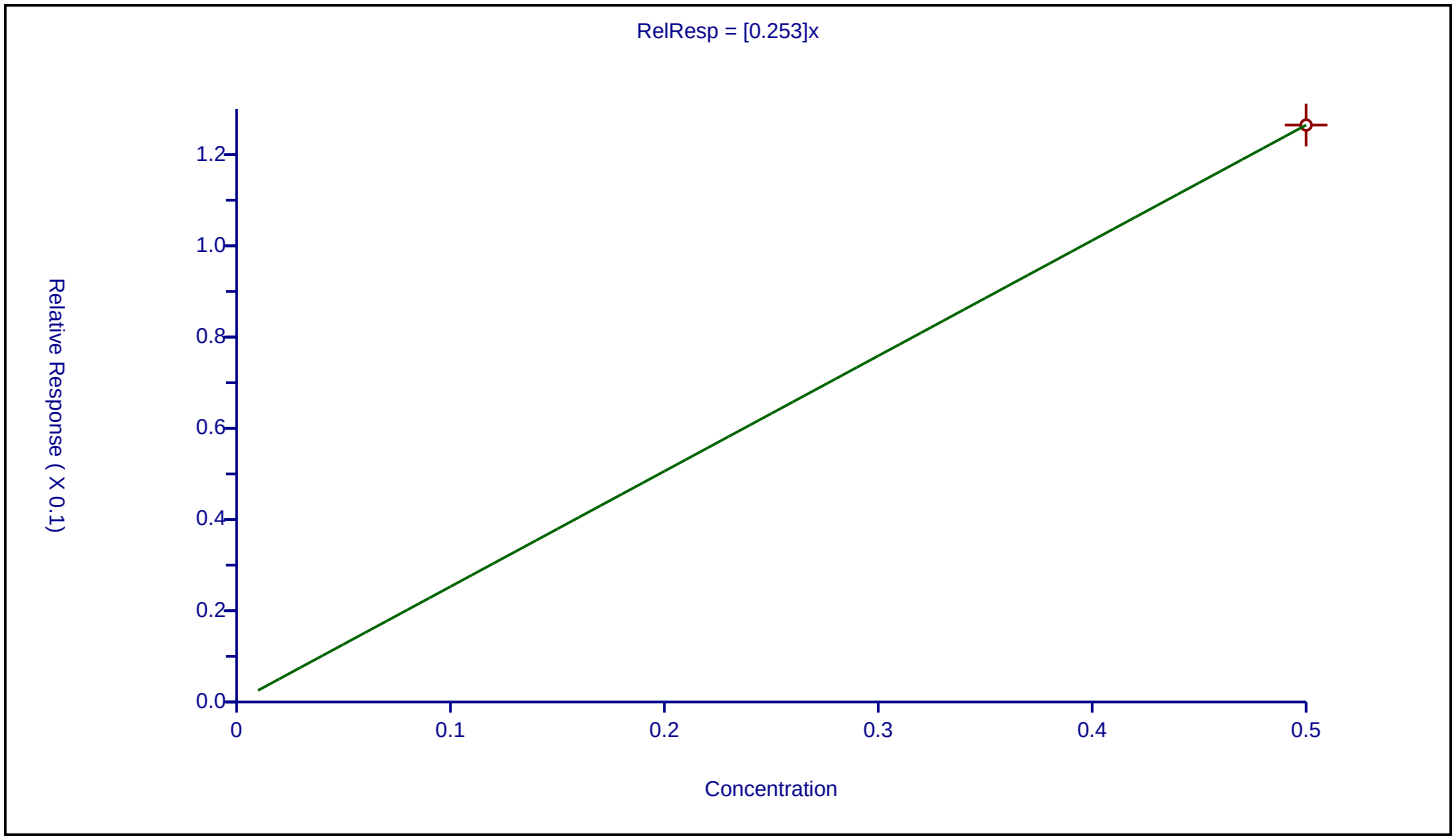
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.253 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | ICIS 460-1019460/2 | 0.5 | 0.126486 | 40.0 | 538559.0 | 0.252971 | Y |



## Calibration / 3,3'-Dichlorobenzidine

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

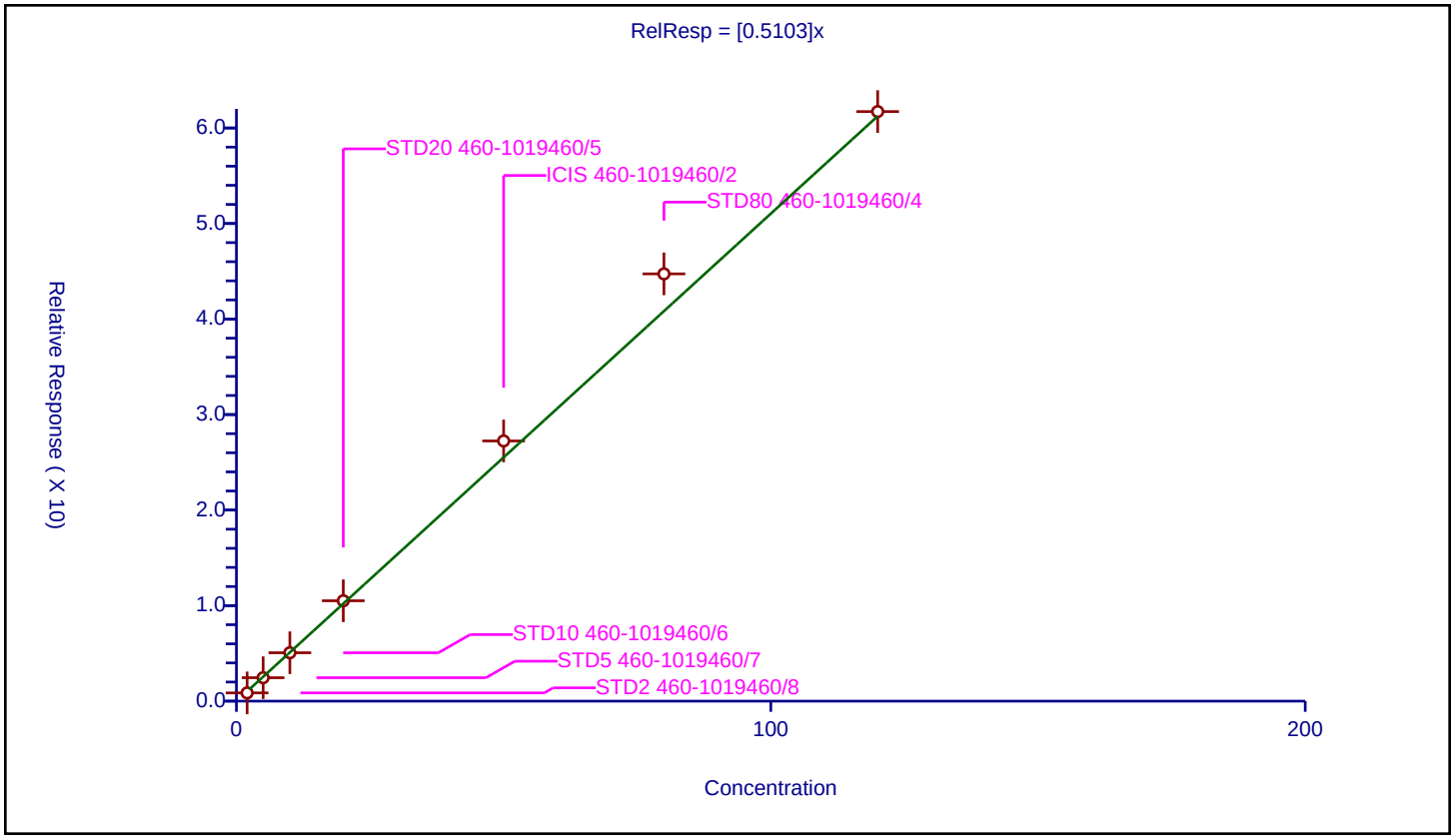
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5103 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD2 460-1019460/8 | 2.0 | 0.863017 | 40.0 | 552805.0 | 0.431508 | Y |
| 2 | STD5 460-1019460/7 | 5.0 | 2.45359 | 40.0 | 690482.0 | 0.490718 | Y |
| 3 | STD10 460-1019460/6 | 10.0 | 5.065004 | 40.0 | 557046.0 | 0.5065 | Y |
| 4 | STD20 460-1019460/5 | 20.0 | 10.506415 | 40.0 | 549668.0 | 0.525321 | Y |
| 5 | ICIS 460-1019460/2 | 50.0 | 27.240395 | 40.0 | 538559.0 | 0.544808 | Y |
| 6 | STD80 460-1019460/4 | 80.0 | 44.728989 | 40.0 | 557709.0 | 0.559112 | Y |
| 7 | STD120 460-1019460/3 | 120.0 | 61.719205 | 40.0 | 531106.0 | 0.514327 | Y |



## Calibration / Benzo[a]anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

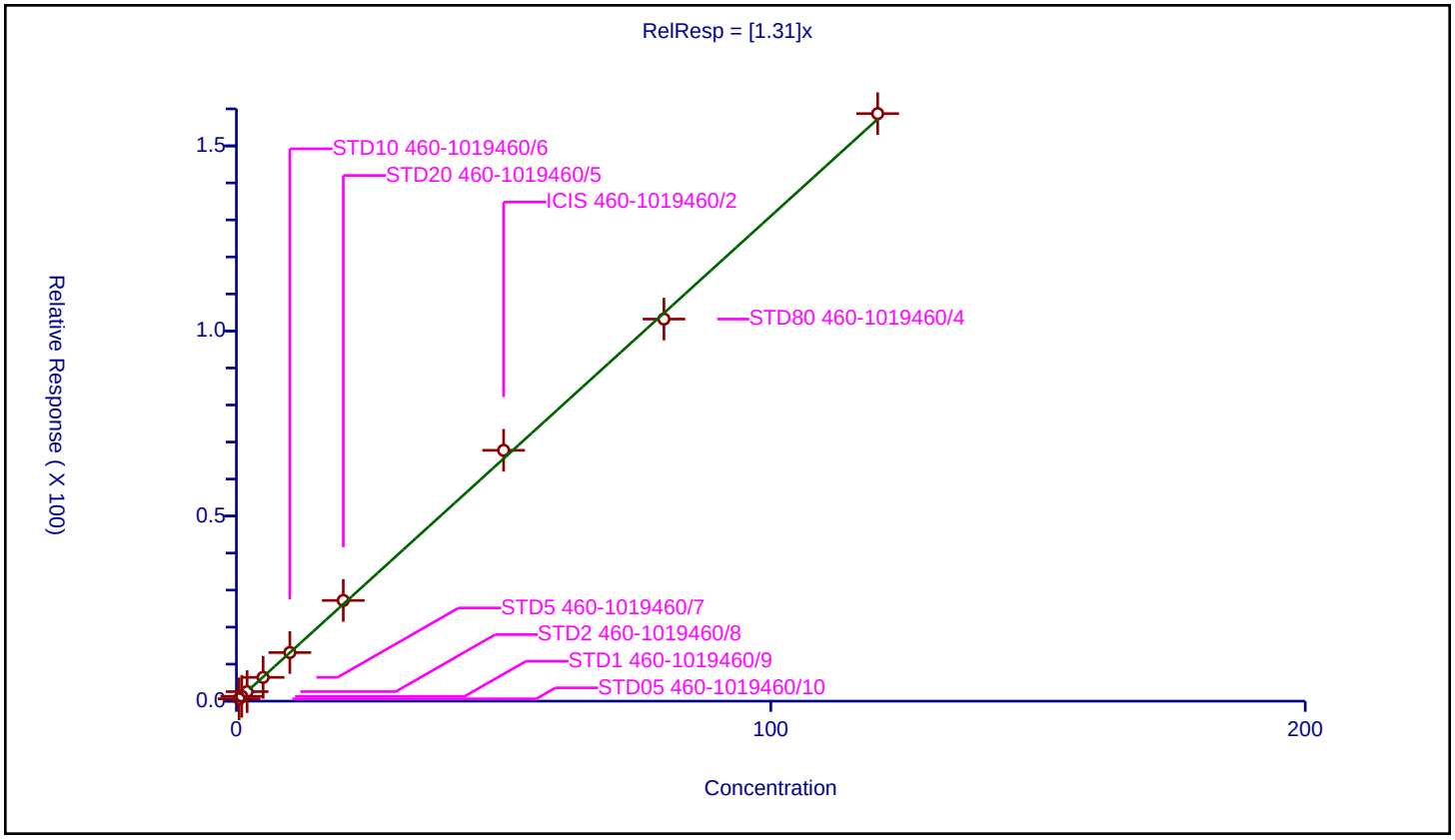
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.31 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.637026 | 40.0 | 553886.0 | 1.274053 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.307275 | 40.0 | 564319.0 | 1.307275 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.572697 | 40.0 | 552805.0 | 1.286349 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 6.41882 | 40.0 | 690482.0 | 1.283764 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 13.13615 | 40.0 | 557046.0 | 1.313615 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 27.212281 | 40.0 | 549668.0 | 1.360614 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 67.760895 | 40.0 | 538559.0 | 1.355218 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 103.216767 | 40.0 | 557709.0 | 1.29021 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 158.715661 | 40.0 | 531106.0 | 1.322631 | Y |



## Calibration / Chrysene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

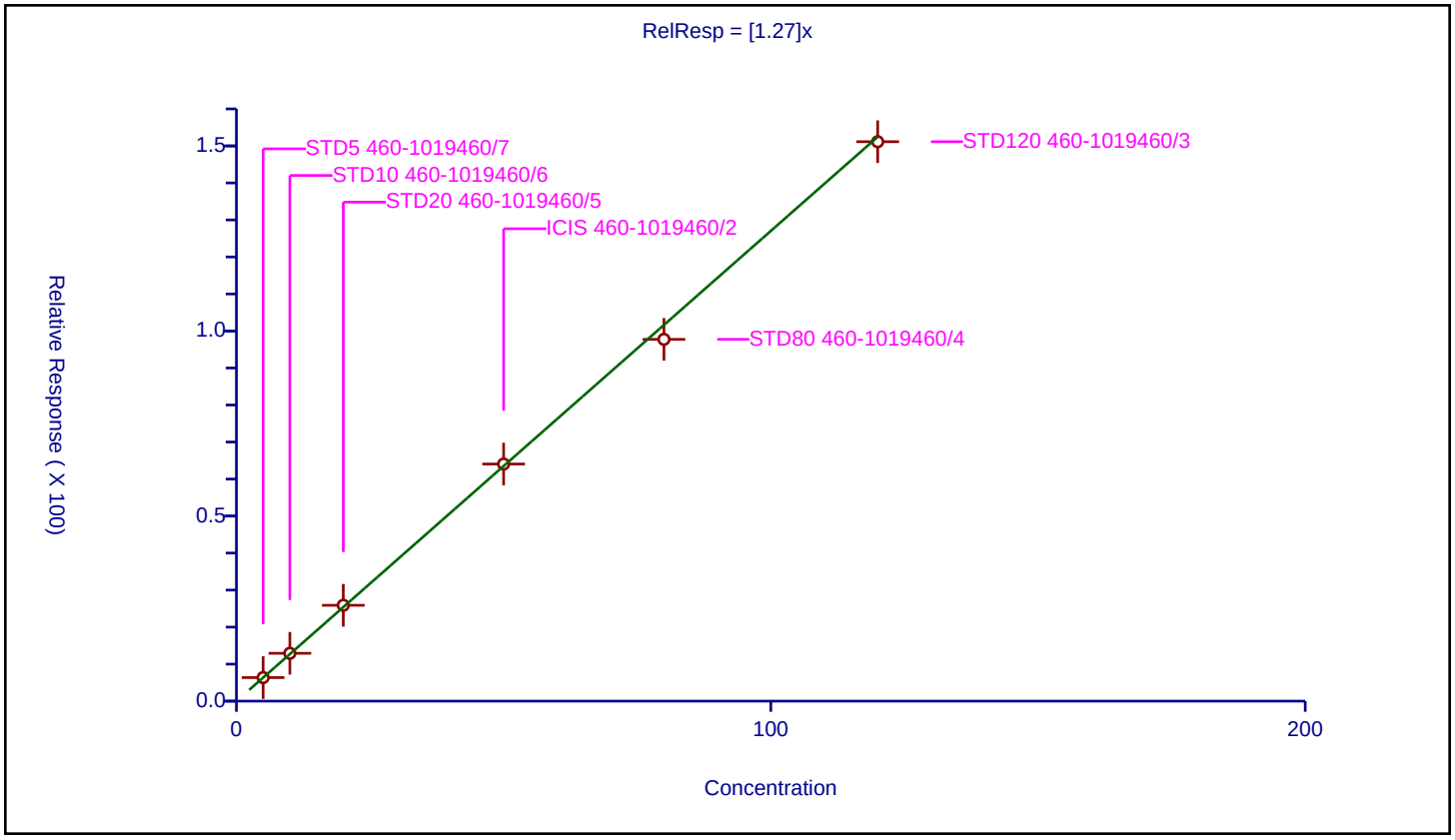
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.27 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 6.362338 | 40.0 | 690482.0 | 1.272468 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 12.923457 | 40.0 | 557046.0 | 1.292346 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 25.892357 | 40.0 | 549668.0 | 1.294618 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 64.060131 | 40.0 | 538559.0 | 1.281203 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 97.735486 | 40.0 | 557709.0 | 1.221694 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 151.136986 | 40.0 | 531106.0 | 1.259475 | Y |



## Calibration / Bis(2-ethylhexyl) phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

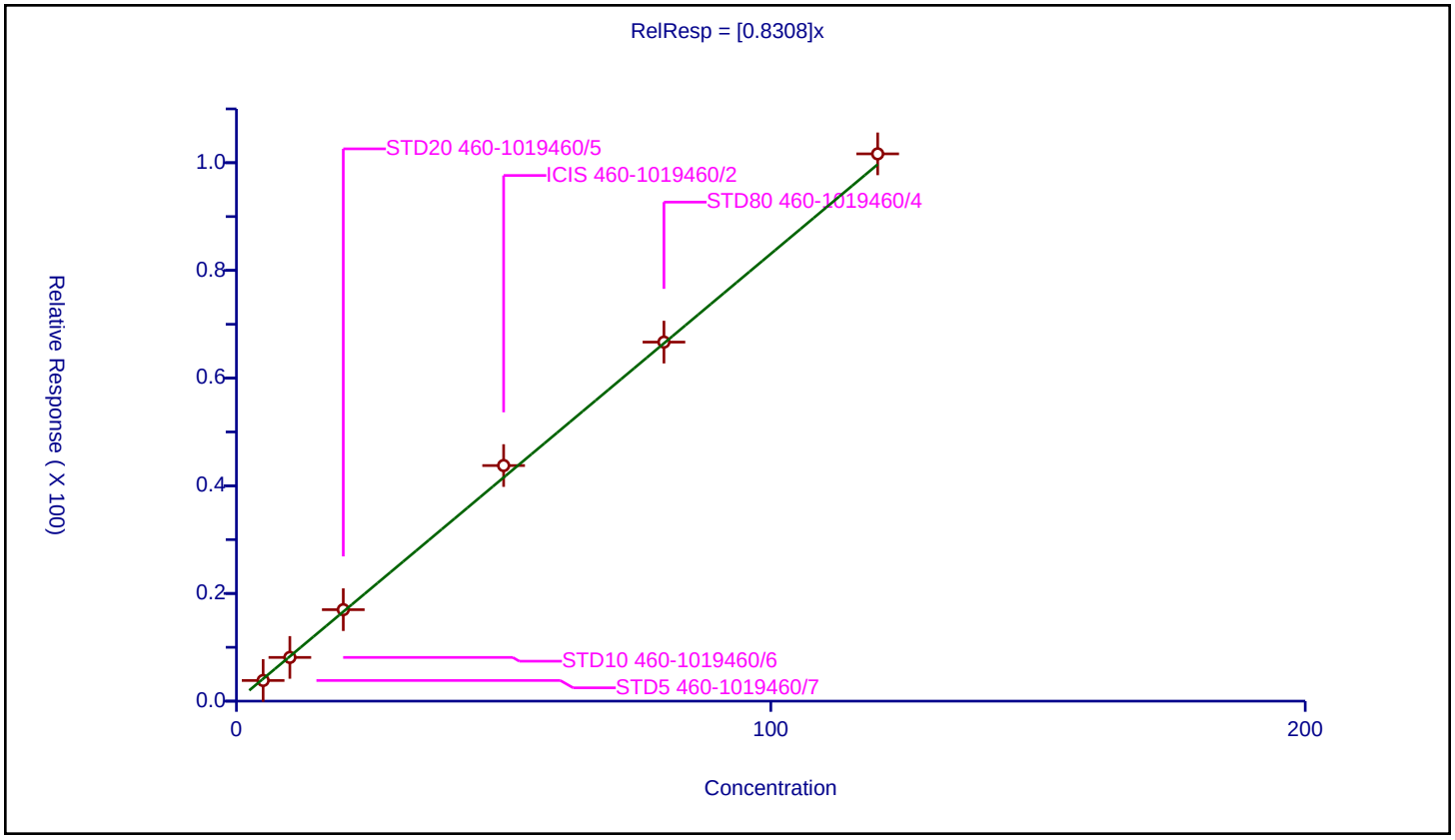
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8308 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 3.837262 | 40.0 | 690482.0 | 0.767452 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 8.119042 | 40.0 | 557046.0 | 0.811904 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 16.988218 | 40.0 | 549668.0 | 0.849411 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 43.757211 | 40.0 | 538559.0 | 0.875144 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 66.687753 | 40.0 | 557709.0 | 0.833597 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 101.651497 | 40.0 | 531106.0 | 0.847096 | Y |



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## Calibration / Di-n-octyl phthalate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

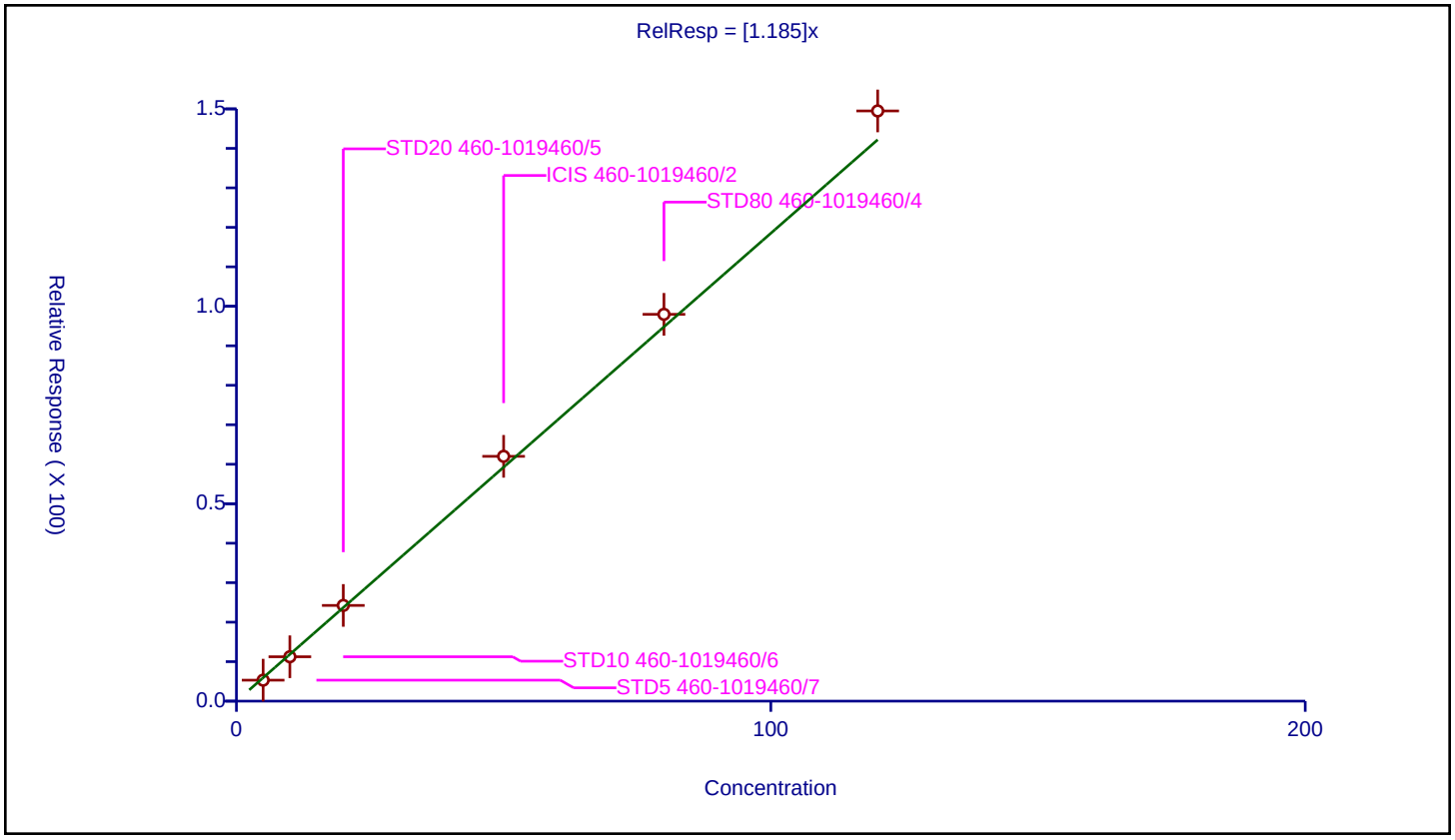
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD5 460-1019460/7 | 5.0 | 5.313259 | 40.0 | 786154.0 | 1.062652 | Y |
| 2 | STD10 460-1019460/6 | 10.0 | 11.244836 | 40.0 | 647298.0 | 1.124484 | Y |
| 3 | STD20 460-1019460/5 | 20.0 | 24.242976 | 40.0 | 639405.0 | 1.212149 | Y |
| 4 | ICIS 460-1019460/2 | 50.0 | 62.005998 | 40.0 | 653251.0 | 1.24012 | Y |
| 5 | STD80 460-1019460/4 | 80.0 | 97.972705 | 40.0 | 673962.0 | 1.224659 | Y |
| 6 | STD120 460-1019460/3 | 120.0 | 149.477243 | 40.0 | 645405.0 | 1.245644 | Y |



## Calibration / Benzo[b]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

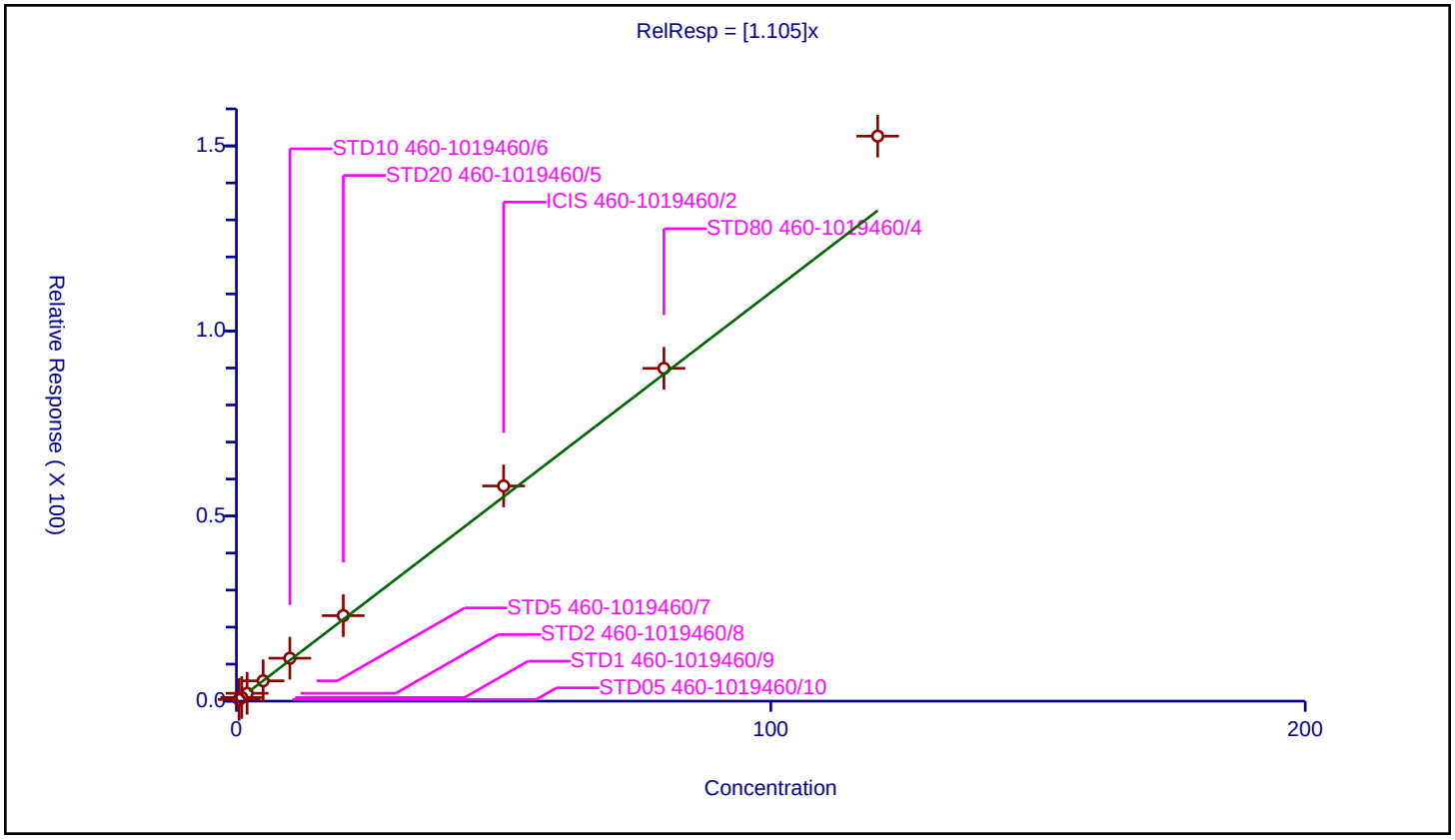
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.105 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.459989 | 40.0 | 637581.0 | 0.919977 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.991558 | 40.0 | 644400.0 | 0.991558 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.117229 | 40.0 | 640082.0 | 1.058614 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.487576 | 40.0 | 786154.0 | 1.097515 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 11.594289 | 40.0 | 647298.0 | 1.159429 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 23.101727 | 40.0 | 639405.0 | 1.155086 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 58.129387 | 40.0 | 653251.0 | 1.162588 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 89.907087 | 40.0 | 673962.0 | 1.123839 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 152.641892 | 40.0 | 645405.0 | 1.272016 | Y |



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## Calibration / Benzo[k]fluoranthene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

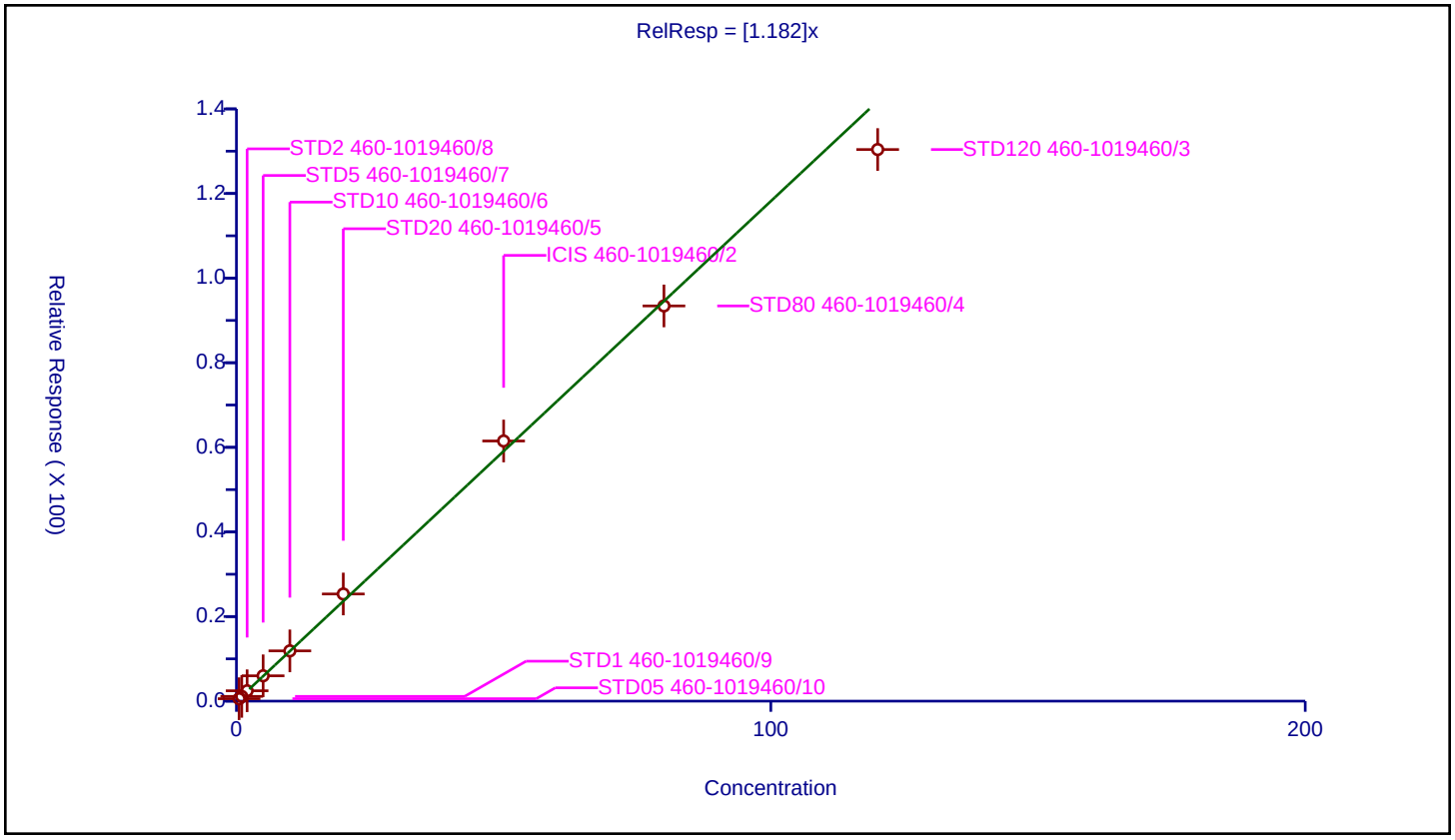
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.182 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.575488 | 40.0 | 637581.0 | 1.150975 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.122098 | 40.0 | 644400.0 | 1.122098 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.451623 | 40.0 | 640082.0 | 1.225812 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.990887 | 40.0 | 786154.0 | 1.198177 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 11.88071 | 40.0 | 647298.0 | 1.188071 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 25.333114 | 40.0 | 639405.0 | 1.266656 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 61.496852 | 40.0 | 653251.0 | 1.229937 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 93.423012 | 40.0 | 673962.0 | 1.167788 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 130.391986 | 40.0 | 645405.0 | 1.0866 | Y |



## Calibration / Benzo[a]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

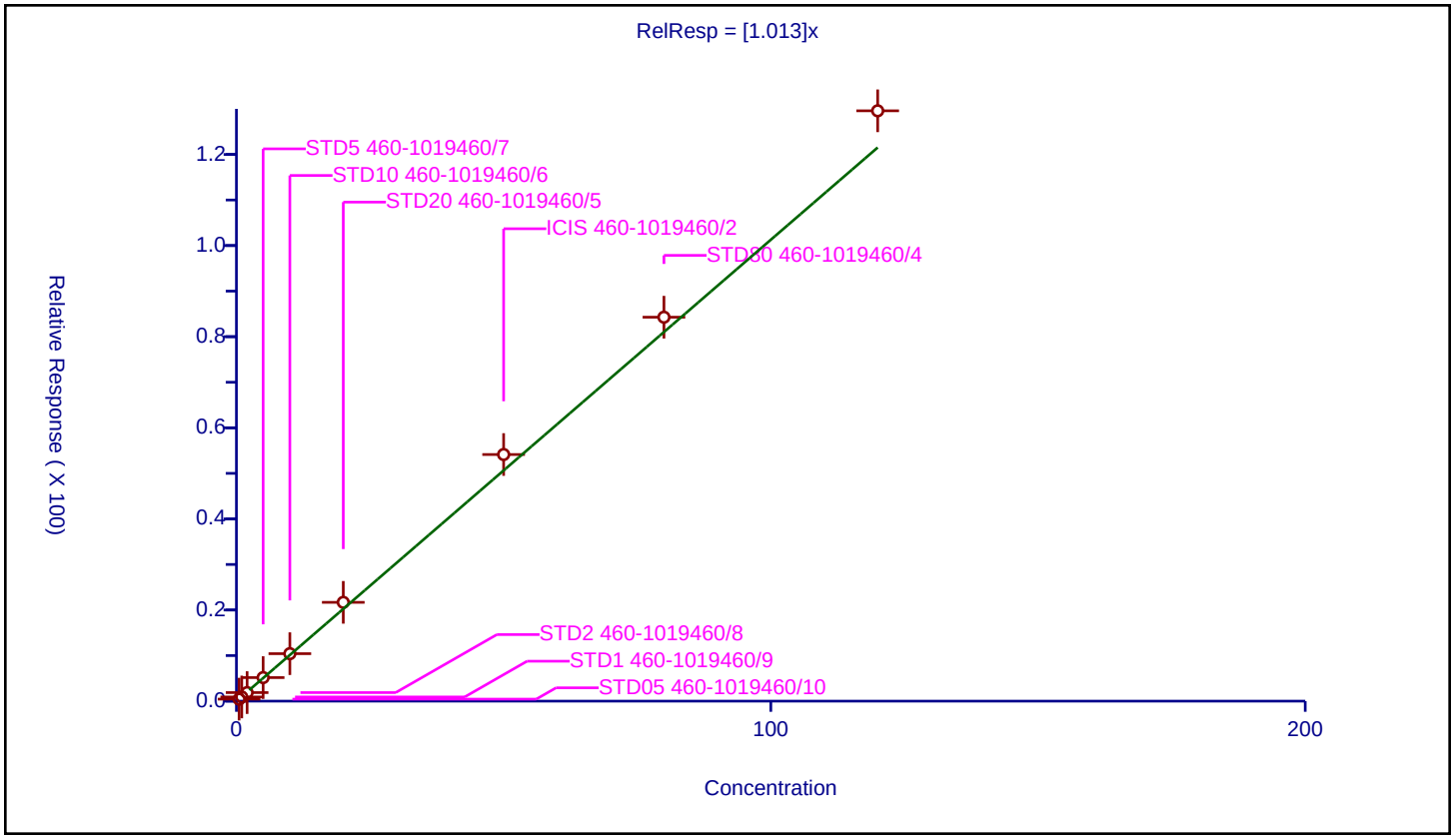
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.013 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.440352 | 40.0 | 637581.0 | 0.880704 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.917443 | 40.0 | 644400.0 | 0.917443 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.880634 | 40.0 | 640082.0 | 0.940317 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.168402 | 40.0 | 786154.0 | 1.03368 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 10.419436 | 40.0 | 647298.0 | 1.041944 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 21.688038 | 40.0 | 639405.0 | 1.084402 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 54.134781 | 40.0 | 653251.0 | 1.082696 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 84.274306 | 40.0 | 673962.0 | 1.053429 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 129.57687 | 40.0 | 645405.0 | 1.079807 | Y |



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## Calibration / Indeno[1,2,3-cd]pyrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

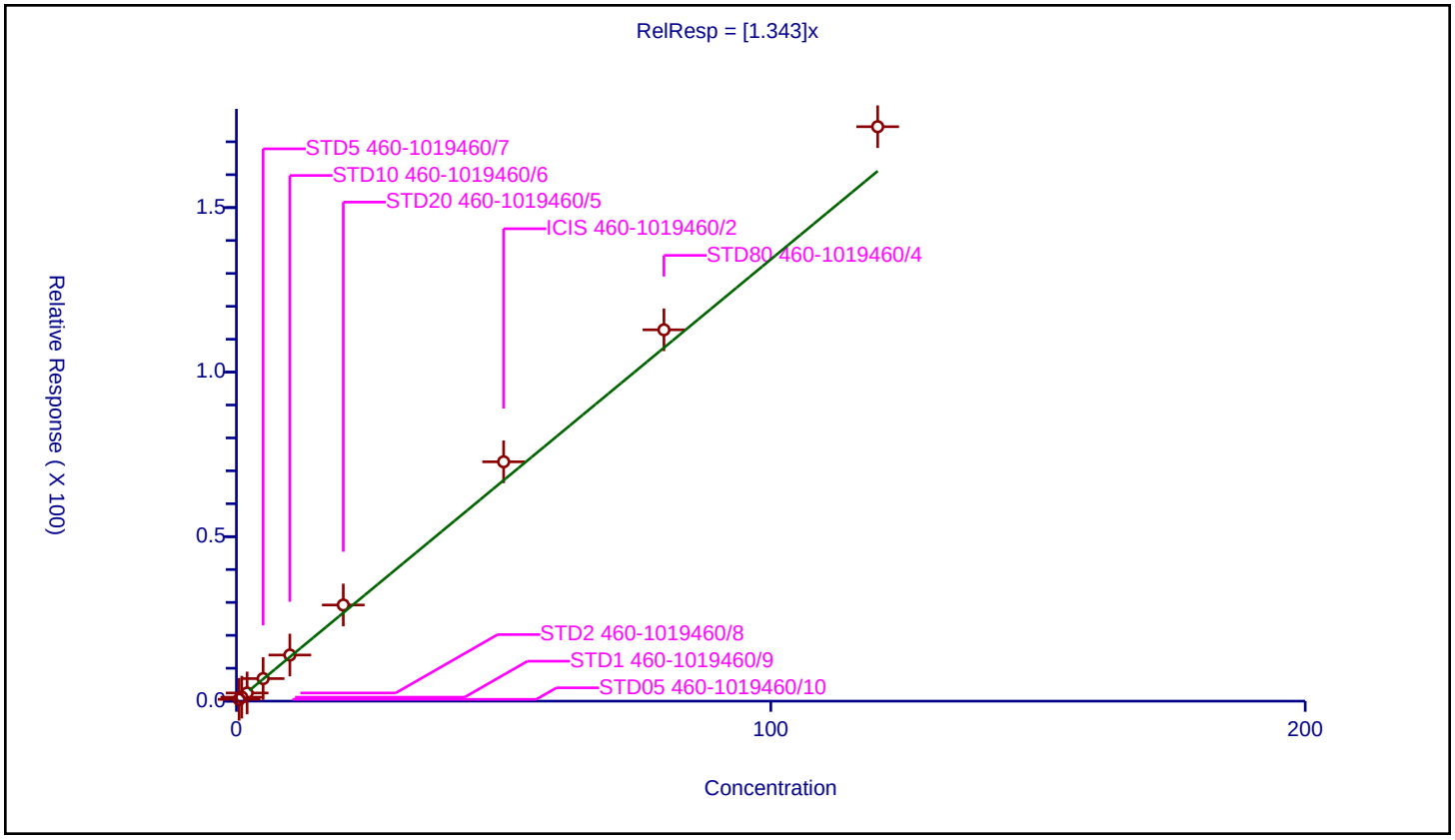
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.343 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.543743 | 40.0 | 637581.0 | 1.087485 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.203228 | 40.0 | 644400.0 | 1.203228 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.478432 | 40.0 | 640082.0 | 1.239216 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 6.850566 | 40.0 | 786154.0 | 1.370113 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 14.016728 | 40.0 | 647298.0 | 1.401673 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 29.216162 | 40.0 | 639405.0 | 1.460808 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 72.743739 | 40.0 | 653251.0 | 1.454875 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 112.861615 | 40.0 | 673962.0 | 1.41077 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 174.585632 | 40.0 | 645405.0 | 1.45488 | Y |



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## Calibration / Dibenz(a,h)anthracene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

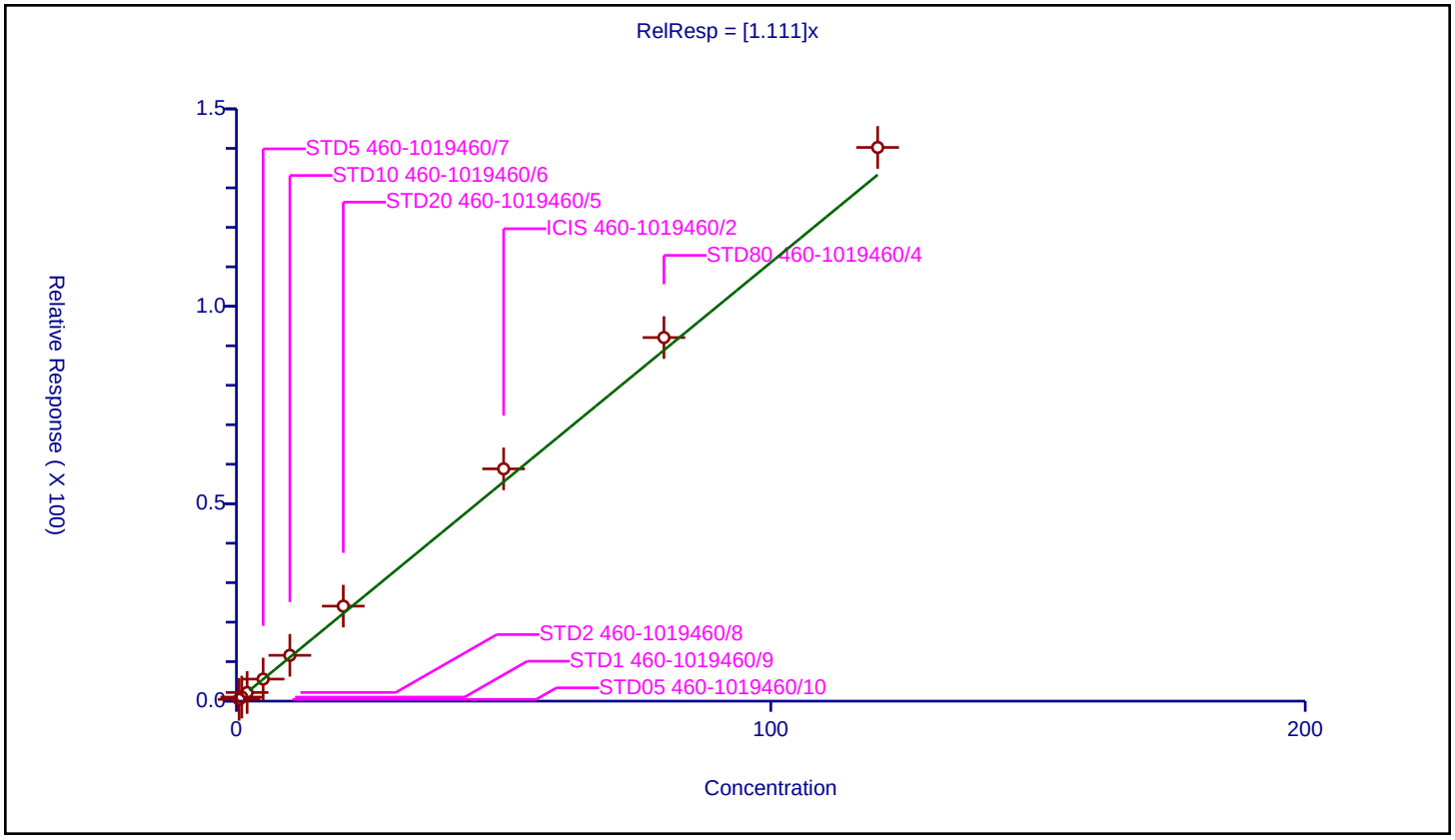
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.111 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.449261 | 40.0 | 637581.0 | 0.898521 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 1.030912 | 40.0 | 644400.0 | 1.030912 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 2.186407 | 40.0 | 640082.0 | 1.093204 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.579568 | 40.0 | 786154.0 | 1.115914 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 11.607328 | 40.0 | 647298.0 | 1.160733 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 24.063997 | 40.0 | 639405.0 | 1.2032 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 58.83319 | 40.0 | 653251.0 | 1.176664 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 92.088871 | 40.0 | 673962.0 | 1.151111 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 140.236038 | 40.0 | 645405.0 | 1.168634 | Y |



## Calibration / Benzo[g,h,i]perylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

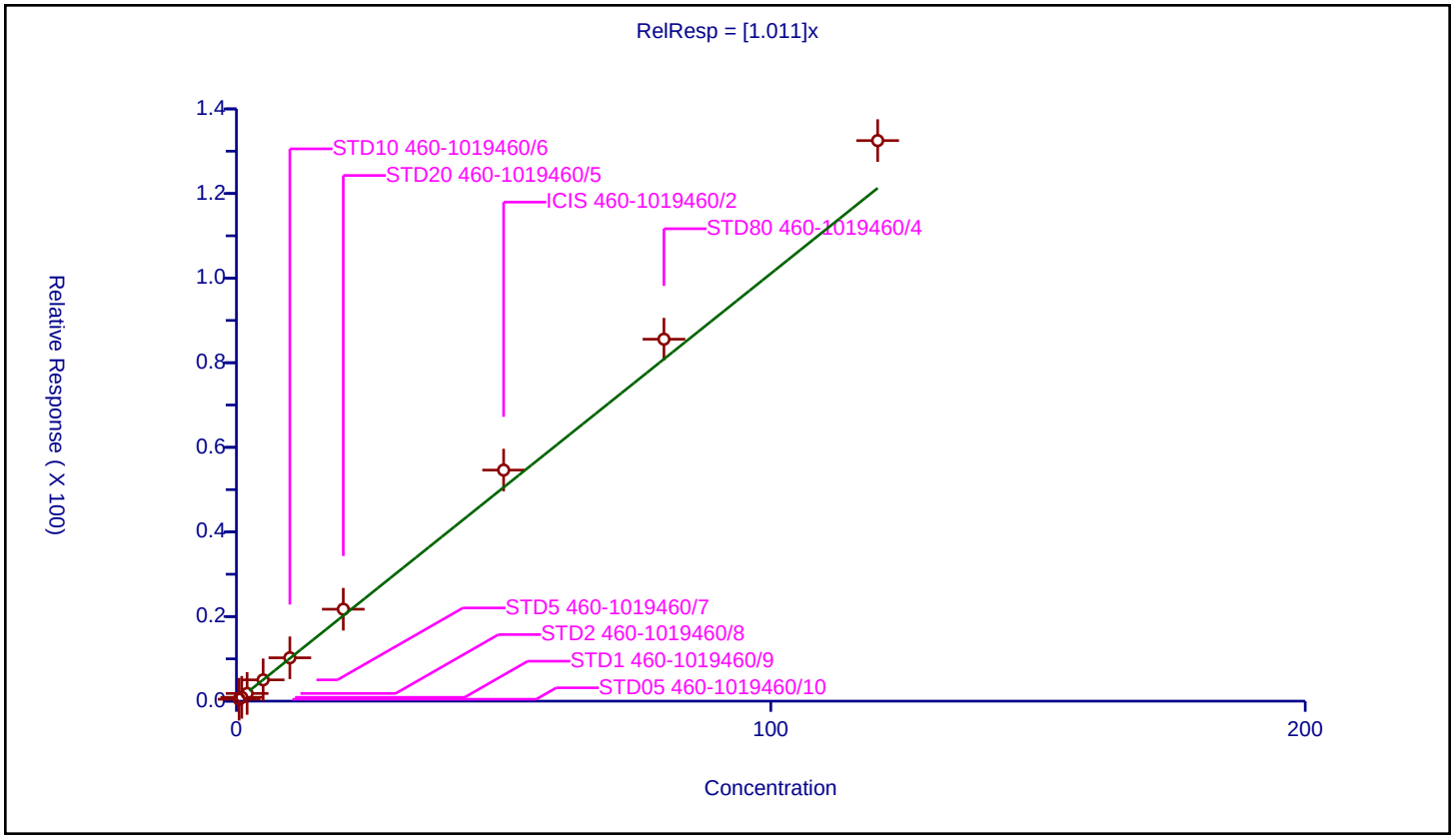
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.011 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | STD05 460-1019460/10 | 0.5 | 0.448947 | 40.0 | 637581.0 | 0.897894 | Y |
| 2 | STD1 460-1019460/9 | 1.0 | 0.906021 | 40.0 | 644400.0 | 0.906021 | Y |
| 3 | STD2 460-1019460/8 | 2.0 | 1.819767 | 40.0 | 640082.0 | 0.909883 | Y |
| 4 | STD5 460-1019460/7 | 5.0 | 5.027666 | 40.0 | 786154.0 | 1.005533 | Y |
| 5 | STD10 460-1019460/6 | 10.0 | 10.244555 | 40.0 | 647298.0 | 1.024456 | Y |
| 6 | STD20 460-1019460/5 | 20.0 | 21.727387 | 40.0 | 639405.0 | 1.086369 | Y |
| 7 | ICIS 460-1019460/2 | 50.0 | 54.617842 | 40.0 | 653251.0 | 1.092357 | Y |
| 8 | STD80 460-1019460/4 | 80.0 | 85.560966 | 40.0 | 673962.0 | 1.069512 | Y |
| 9 | STD120 460-1019460/3 | 120.0 | 132.504892 | 40.0 | 645405.0 | 1.104207 | Y |



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): ICIS 460-1018504/2  Instrument ID (1): CBNAMS14

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 01/29/2025 07:32

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 11.19 | 34.90 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56121.d
Injection Date: 29-Jan-2025 07:32:30 Instrument ID: CBNAMS14
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

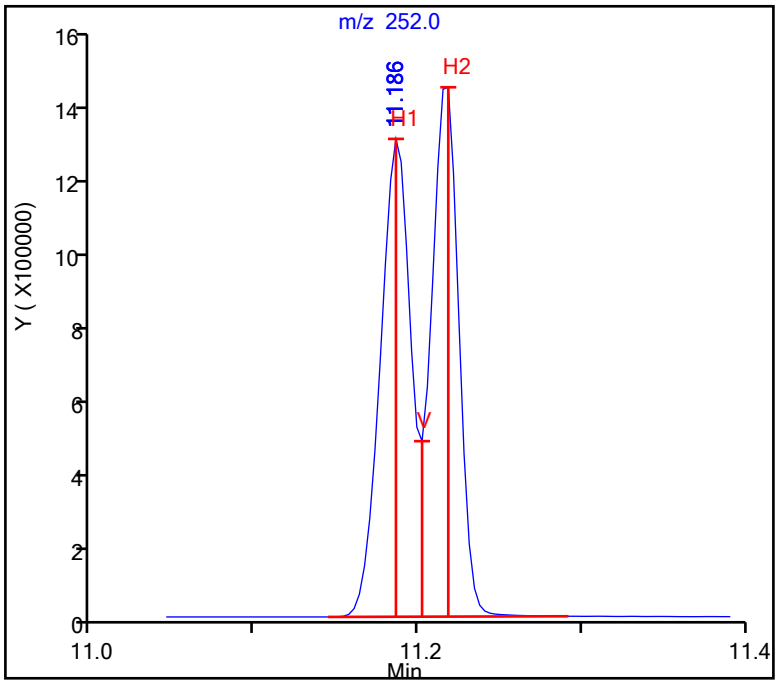
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 469823
H1( 106 Benzo[b]fluoranthen) = 1278979
H2( 107 Benzo[k]fluoranthen) = 1416826

Version D: %R = 34.9 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): ICIS 460-1019460/2  Instrument ID (1): CBNAMS5

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/04/2025 06:01

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 10.46 | 31.80 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61915.d
Injection Date: 04-Feb-2025 06:01:30 Instrument ID: CBNAMS5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

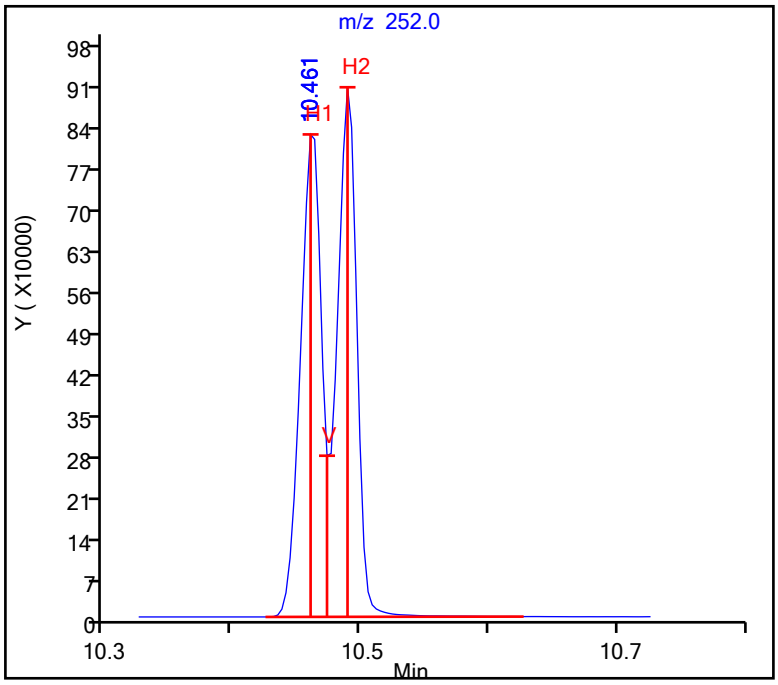
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 274810
H1( 106 Benzo[b]fluoranthen) = 822814
H2( 107 Benzo[k]fluoranthen) = 903181

Version D: %R = 31.8 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020114/2  Instrument ID (1): CBNAMS14

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/07/2025 11:23

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 11.19 | 34.20 |

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56271.d
Injection Date: 07-Feb-2025 11:23:30 Instrument ID: CBNAMS14
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

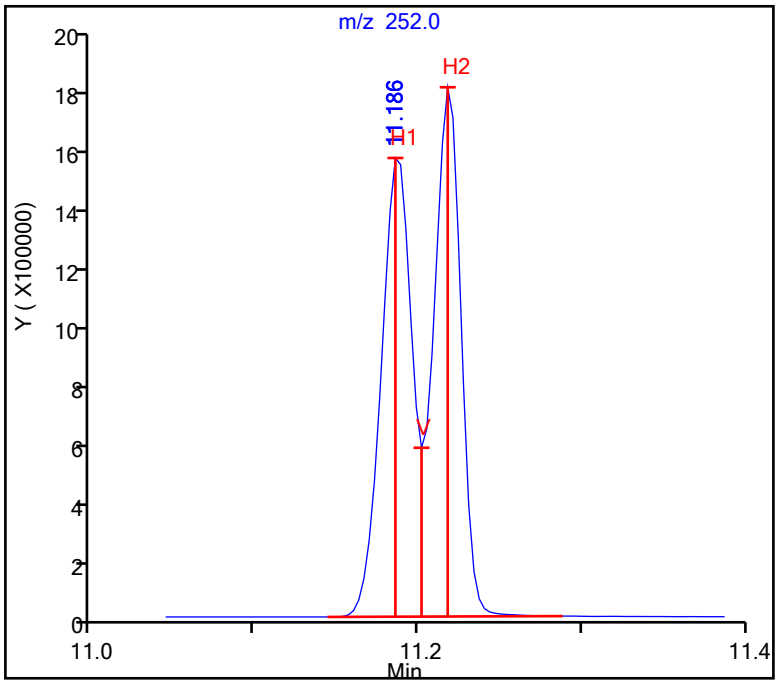
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 572041
H1( 106 Benzo[b]fluoranthen) = 1554119
H2( 107 Benzo[k]fluoranthen) = 1793099

Version D: %R = 34.2 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020312/2  Instrument ID (1): CBNAMS5

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/08/2025 14:20

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 10.45 | 29.30 |

Resolution Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d | | | | |
| Injection Date: | 08-Feb-2025 14:20:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

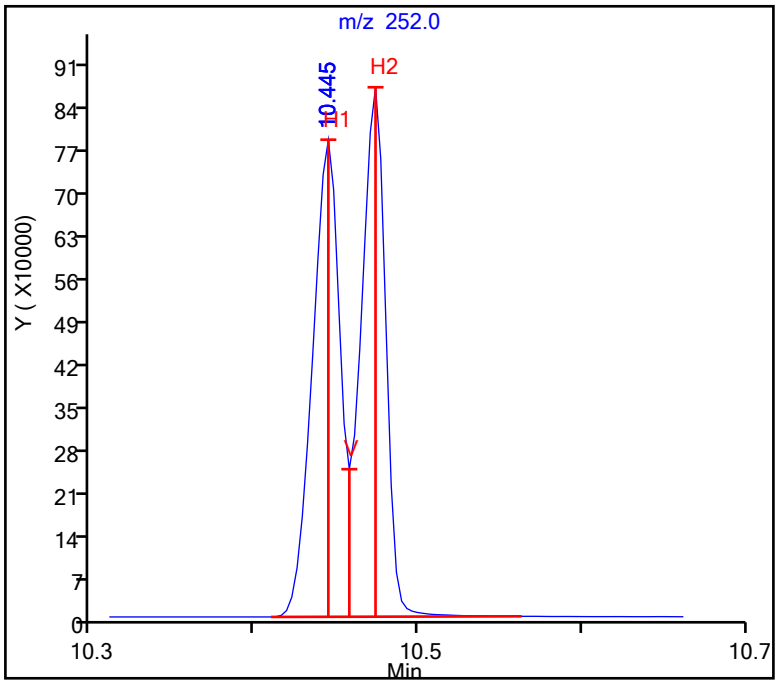
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 242375
H1( 106 Benzo[b]fluoranthen) = 783643
H2( 107 Benzo[k]fluoranthen) = 869599

Version D: %R = 29.3 <= 50.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020469/2  Instrument ID (1): CBNAMS5

GC Column (1): Rtxi-5Sil MS  ID: 0.25(mm)  Date Analyzed (1): 02/10/2025 10:15

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Benzo[b]fluoranthene | 10.45 | 30.50 |

Resolution Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d | | | | |
| Injection Date: | 10-Feb-2025 10:15:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |

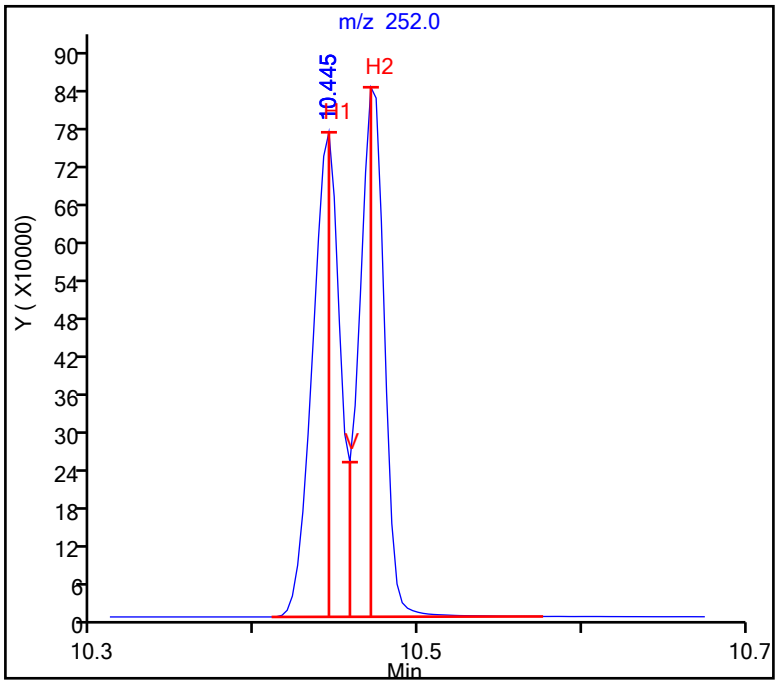
106 Benzo[b]fluoranthene - 107 Benzo[k]fluoranthene

SW-846 Method

Version D: %R = (V / ((H1 + H2)/2)) * 100

V (Valley Height) = 244650
H1( 106 Benzo[b]fluoranthen) = 766499
H2( 107 Benzo[k]fluoranthen) = 837616

Version D: %R = 30.5 <= 50.0
Passed



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1018504/11 | Calibration Date: 01/29/2025 14:14

Instrument ID: CBNAMS14 | Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 01/29/2025 13:11

Lab File ID: N56140.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.4394 | 0.4818 | | 11000 | 10000 | 9.7 | 30.0 |
| N-Nitrosodimethylamine | Ave | 0.6565 | 0.6995 | | 10700 | 10000 | 6.5 | 30.0 |
| Pyridine | Ave | 0.9528 | 1.063 | | 22300 | 20000 | 11.5 | 30.0 |
| Benzaldehyde | Ave | 0.9163 | 0.9032 | 0.0100 | 3940 | 4000 | -1.4 | 30.0 |
| Aniline | Ave | 1.603 | 1.775 | | 11100 | 10000 | 10.7 | 30.0 |
| Phenol | Ave | 1.513 | 1.585 | 0.8000 | 10500 | 10000 | 4.7 | 30.0 |
| Bis(2-chloroethyl)ether | Ave | 1.091 | 1.154 | 0.7000 | 10600 | 10000 | 5.8 | 30.0 |
| 2-Chlorophenol | Ave | 1.299 | 1.366 | 0.8000 | 10500 | 10000 | 5.2 | 30.0 |
| n-Decane | Ave | 0.9227 | 0.9706 | | 10500 | 10000 | 5.2 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.525 | 1.576 | | 10300 | 10000 | 3.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.509 | 1.577 | | 10400 | 10000 | 4.5 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.437 | 1.472 | | 10200 | 10000 | 2.5 | 30.0 |
| Benzyl alcohol | Ave | 0.7217 | 0.7814 | | 10800 | 10000 | 8.3 | 30.0 |
| 2-Methylphenol | Ave | 1.017 | 1.070 | 0.7000 | 10500 | 10000 | 5.3 | 30.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.100 | 1.178 | 0.0100 | 10700 | 10000 | 7.1 | 30.0 |
| N-Methylaniline | Ave | 1.668 | 1.803 | | 10800 | 10000 | 8.1 | 30.0 |
| Acetophenone | Ave | 1.585 | 1.666 | 0.0100 | 10500 | 10000 | 5.1 | 30.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.7001 | 0.7512 | 0.5000 | 10700 | 10000 | 7.3 | 30.0 |
| 3 & 4 Methylphenol | Ave | 1.061 | 1.124 | | 10600 | 10000 | 5.9 | 30.0 |
| 4-Methylphenol | Ave | 1.061 | 1.124 | 0.6000 | 10600 | 10000 | 5.9 | 30.0 |
| Hexachloroethane | Ave | 0.5167 | 0.5381 | 0.3000 | 10400 | 10000 | 4.1 | 30.0 |
| Nitrobenzene | Ave | 0.5499 | 0.6080 | 0.2000 | 11100 | 10000 | 10.6 | 30.0 |
| n,n'-Dimethylaniline | Ave | 1.815 | 1.852 | | 10200 | 10000 | 2.0 | 30.0 |
| Isophorone | Ave | 0.5588 | 0.5983 | 0.4000 | 10700 | 10000 | 7.1 | 30.0 |
| 2-Nitrophenol | Ave | 0.1914 | 0.2031 | 0.1000 | 10600 | 10000 | 6.1 | 30.0 |
| 2,4-Dimethylphenol | Ave | 0.2550 | 0.2678 | 0.2000 | 10500 | 10000 | 5.0 | 30.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.3729 | 0.3905 | 0.3000 | 10500 | 10000 | 4.7 | 30.0 |
| Benzoic acid | Lin1 | | 0.1943 | | 9400 | 10000 | -6.0 | 30.0 |
| 2,4-Dichlorophenol | Ave | 0.2997 | 0.3131 | 0.2000 | 10400 | 10000 | 4.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3430 | 0.3546 | | 10300 | 10000 | 3.4 | 30.0 |
| Naphthalene | Ave | 1.036 | 1.066 | 0.7000 | 10300 | 10000 | 2.9 | 30.0 |
| 4-Chloroaniline | Ave | 0.3878 | 0.4275 | 0.0100 | 11000 | 10000 | 10.2 | 30.0 |
| Hexachlorobutadiene | Ave | 0.2015 | 0.2066 | 0.0100 | 10300 | 10000 | 2.5 | 30.0 |
| Caprolactam | Qua1 | | 0.1020 | 0.0100 | 3870 | 4000 | -3.2 | 30.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2597 | 0.2751 | 0.2000 | 10600 | 10000 | 5.9 | 30.0 |
| 2-Methylnaphthalene | Ave | 0.6832 | 0.7069 | 0.4000 | 10300 | 10000 | 3.5 | 30.0 |
| 1-Methylnaphthalene | Ave | 0.6208 | 0.6465 | | 10400 | 10000 | 4.1 | 30.0 |
| Hexachlorocyclopentadiene | Ave | 0.4084 | 0.4404 | 0.0500 | 10800 | 10000 | 7.8 | 30.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6786 | 0.7161 | 0.0100 | 10600 | 10000 | 5.5 | 30.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.3979 | 0.4093 | | 10300 | 10000 | 2.9 | 30.0 |
| 2,4,6-Trichlorophenol | Ave | 0.4153 | 0.4484 | 0.2000 | 10800 | 10000 | 8.0 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1018504/11 Calibration Date: 01/29/2025 14:14

Instrument ID: CBNAMS14 Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 01/29/2025 13:11

Lab File ID: N56140.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4481 | 0.4779 | 0.2000 | 10700 | 10000 | 6.6 | 30.0 |
| 1,1'-Biphenyl | Ave | 1.578 | 1.663 | 0.0100 | 10500 | 10000 | 5.4 | 30.0 |
| 2-Chloronaphthalene | Ave | 1.213 | 1.275 | 0.8000 | 10500 | 10000 | 5.1 | 30.0 |
| Phenyl ether | Ave | 0.9037 | 0.9130 | | 10100 | 10000 | 1.0 | 30.0 |
| 2-Nitroaniline | Ave | 0.3229 | 0.3413 | 0.0100 | 10600 | 10000 | 5.7 | 30.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.998 | 1.013 | | 10100 | 10000 | 1.5 | 30.0 |
| Coumarin | Ave | 0.2164 | 0.2189 | | 10100 | 10000 | 1.2 | 30.0 |
| Dimethyl phthalate | Ave | 1.320 | 1.377 | 0.0100 | 10400 | 10000 | 4.3 | 30.0 |
| 2,6-Dinitrotoluene | Ave | 0.2860 | 0.3163 | 0.2000 | 11100 | 10000 | 10.6 | 30.0 |
| Acenaphthylene | Ave | 1.837 | 1.940 | 0.6000 | 10600 | 10000 | 5.6 | 30.0 |
| 3-Nitroaniline | Ave | 0.3151 | 0.3397 | 0.0100 | 10800 | 10000 | 7.8 | 30.0 |
| Acenaphthene | Ave | 1.114 | 1.174 | 0.9000 | 10500 | 10000 | 5.4 | 30.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.9348 | 0.9796 | | 10500 | 10000 | 4.8 | 30.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.2021 | 0.0100 | 20800 | 20000 | 3.8 | 30.0 |
| 4-Nitrophenol | Ave | 0.1671 | 0.1825 | 0.0100 | 21800 | 20000 | 9.2 | 30.0 |
| Dibenzofuran | Ave | 1.669 | 1.737 | 0.8000 | 10400 | 10000 | 4.1 | 30.0 |
| 2,4-Dinitrotoluene | Ave | 0.3710 | 0.4169 | 0.2000 | 11200 | 10000 | 12.4 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3588 | 0.3751 | 0.0100 | 10500 | 10000 | 4.6 | 30.0 |
| Diethyl phthalate | Ave | 1.304 | 1.290 | 0.0100 | 9900 | 10000 | -1.0 | 30.0 |
| Fluorene | Ave | 1.311 | 1.365 | 0.9000 | 10400 | 10000 | 4.1 | 30.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6426 | 0.6653 | 0.4000 | 10400 | 10000 | 3.5 | 30.0 |
| 4-Nitroaniline | Ave | 0.2789 | 0.3050 | 0.0100 | 10900 | 10000 | 9.4 | 30.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1342 | 0.1471 | 0.0100 | 21900 | 20000 | 9.6 | 30.0 |
| N-Nitrosodiphenylamine | Ave | 0.5482 | 0.5763 | 0.0100 | 10500 | 10000 | 5.1 | 30.0 |
| 1,2-Diphenylhydrazine | Ave | 0.5962 | 0.6473 | | 10900 | 10000 | 8.6 | 30.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2395 | 0.2505 | 0.1000 | 10500 | 10000 | 4.6 | 30.0 |
| Hexachlorobenzene | Ave | 0.3003 | 0.3137 | 0.1000 | 10400 | 10000 | 4.5 | 30.0 |
| Atrazine | Lin2 | | 0.2111 | 0.0100 | 4000 | 4000 | -0.0 | 30.0 |
| Pentachlorophenol | Ave | 0.1792 | 0.1954 | 0.0500 | 21800 | 20000 | 9.0 | 30.0 |
| Pentachloronitrobenzene | Ave | 0.0969 | 0.0964 | 0.0100 | 9940 | 10000 | -0.6 | 30.0 |
| n-Octadecane | Ave | 0.3487 | 0.3742 | | 10700 | 10000 | 7.3 | 30.0 |
| Phenanthrene | Ave | 1.045 | 1.090 | 0.7000 | 10400 | 10000 | 4.4 | 30.0 |
| Anthracene | Ave | 1.060 | 1.126 | 0.7000 | 10600 | 10000 | 6.2 | 30.0 |
| Carbazole | Ave | 0.9224 | 0.9895 | 0.0100 | 10700 | 10000 | 7.3 | 30.0 |
| Di-n-butyl phthalate | Ave | 1.068 | 1.171 | 0.0100 | 11000 | 10000 | 9.6 | 30.0 |
| Fluoranthene | Ave | 1.036 | 1.130 | 0.6000 | 10900 | 10000 | 9.0 | 30.0 |
| Benzidine | Ave | 0.4125 | 0.5076 | | 12300 | 10000 | 23.0 | 30.0 |
| Pyrene | Ave | 1.510 | 1.586 | 0.6000 | 10500 | 10000 | 5.0 | 30.0 |
| Bisphenol-A | Ave | 0.5423 | 0.5500 | | 10100 | 10000 | 1.4 | 30.0 |
| Butyl benzyl phthalate | Ave | 0.5545 | 0.6163 | 0.0100 | 11100 | 10000 | 11.2 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1018504/11 Calibration Date: 01/29/2025 14:14

Instrument ID: CBNAMS14 Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 01/29/2025 13:11

Lab File ID: N56140.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbamazepine | Lin2 | | 0.4673 | | 9840 | 10000 | -1.6 | 30.0 |
| Benzo[a]anthracene | Ave | 1.318 | 1.399 | 0.8000 | 10600 | 10000 | 6.2 | 30.0 |
| 3,3'-Dichlorobenzidine | Lin2 | | 0.5402 | 0.0100 | 10800 | 10000 | 8.2 | 30.0 |
| Chrysene | Ave | 1.259 | 1.297 | 0.7000 | 10300 | 10000 | 3.0 | 30.0 |
| Bis(2-ethylhexyl) phthalate | Lin2 | | 0.8570 | 0.0100 | 11000 | 10000 | 9.6 | 30.0 |
| Di-n-octyl phthalate | Ave | 1.142 | 1.325 | 0.0100 | 11600 | 10000 | 16.0 | 30.0 |
| Benzo[b]fluoranthene | Ave | 1.129 | 1.274 | | 11300 | 10000 | 12.9 | 30.0 |
| Benzo[k]fluoranthene | Ave | 1.168 | 1.292 | 0.7000 | 11100 | 10000 | 10.7 | 30.0 |
| Benzo[a]pyrene | Ave | 0.9799 | 1.141 | 0.7000 | 11600 | 10000 | 16.4 | 30.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.018 | 1.189 | 0.5000 | 11700 | 10000 | 16.8 | 30.0 |
| Dibenz(a,h)anthracene | Ave | 1.026 | 1.164 | 0.4000 | 11300 | 10000 | 13.5 | 30.0 |
| Benzo[g,h,i]perylene | Ave | 1.006 | 1.133 | 0.5000 | 11300 | 10000 | 12.6 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56140.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 29-Jan-2025 14:14:30 ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-011
Operator ID: Instrument ID: CBNAMS14
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:43:55 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 14:44:16

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.036 | 1.043 | -0.007 | 89 | 347437 | 10.0 | 11.0 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.202 | 1.209 | -0.007 | 97 | 504358 | 10.0 | 10.7 | |
| | 3 Pyridine | 79 | 1.215 | 1.222 | -0.007 | 97 | 1532500 | 20.0 | 22.3 | |
| | 5 Benzaldehyde | 77 | 2.872 | 2.872 | 0.000 | 96 | 260498 | 4.00 | 3.94 | E |
| | 8 Aniline | 93 | 2.987 | 2.987 | 0.000 | 96 | 1279667 | 10.0 | 11.1 | |
| | 7 Phenol | 94 | 2.993 | 2.997 | -0.003 | 97 | 1142798 | 10.0 | 10.5 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.067 | 3.070 | -0.003 | 79 | 831856 | 10.0 | 10.6 | |
| | 10 Benzonitrile | 103 | 3.067 | 3.073 | -0.006 | 95 | 1654857 | NC | NC | |
| | 11 2-Chlorophenol | 128 | 3.096 | 3.099 | -0.003 | 98 | 985087 | 10.0 | 10.5 | |
| | 12 n-Decane | 43 | 3.176 | 3.176 | 0.000 | 88 | 699855 | 10.0 | 10.5 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.249 | 3.249 | 0.000 | 98 | 1136138 | 10.0 | 10.3 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.310 | 3.310 | 0.000 | 94 | 576849 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.329 | 3.329 | 0.000 | 96 | 1136959 | 10.0 | 10.4 | |
| | 16 Benzyl alcohol | 108 | 3.479 | 3.479 | 0.000 | 97 | 563415 | 10.0 | 10.8 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.476 | 3.479 | -0.003 | 99 | 1061563 | 10.0 | 10.2 | |
| | 18 2-Methylphenol | 108 | 3.610 | 3.613 | -0.003 | 90 | 771824 | 10.0 | 10.5 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.620 | 3.620 | 0.000 | 93 | 849122 | 10.0 | 10.7 | |
| | 20 N-Methylaniline | 106 | 3.732 | 3.732 | -0.003 | 97 | 1299789 | 10.0 | 10.8 | a |
| | 21 Acetophenone | 105 | 3.741 | 3.741 | 0.000 | 93 | 1201087 | 10.0 | 10.5 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.757 | 3.757 | 0.000 | 79 | 541657 | 10.0 | 10.7 | |
| | 24 4-Methylphenol | 108 | 3.780 | 3.780 | 0.000 | 98 | 810340 | 10.0 | 10.6 | |
| | 23 3 & 4 Methylphenol | 108 | 3.780 | 3.780 | 0.000 | 67 | 810340 | 10.0 | 10.6 | |
| | 25 Hexachloroethane | 117 | 3.812 | 3.811 | 0.001 | 95 | 388005 | 10.0 | 10.4 | |
| | 28 Nitrobenzene | 123 | 3.901 | 3.904 | -0.003 | 98 | 438416 | 10.0 | 11.1 | |
| | 29 n,n'-Dimethylaniline | 120 | 3.911 | 3.911 | 0.000 | 96 | 1335555 | 10.0 | 10.2 | |
| | 30 Isophorone | 82 | 4.150 | 4.153 | -0.003 | 98 | 1440051 | 10.0 | 10.7 | |
| | 32 2-Nitrophenol | 139 | 4.221 | 4.221 | 0.001 | 96 | 488941 | 10.0 | 10.6 | |
| | 33 2,4-Dimethylphenol | 122 | 4.304 | 4.304 | 0.000 | 93 | 644465 | 10.0 | 10.5 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 4.397 | 4.396 | 0.000 | 96 | 939864 | 10.0 | 10.5 | |
| | 35 Benzoic acid | 122 | 4.448 | 4.451 | -0.003 | 91 | 467711 | 10.0 | 9.40 | |
| | 36 2,4-Dichlorophenol | 162 | 4.464 | 4.463 | 0.001 | 97 | 753551 | 10.0 | 10.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 37 1,2,4-Trichlorobenzene | 180 | 4.537 | 4.537 | 0.000 | 95 | 853451 | 10.0 | 10.3 | |
| * 38 Naphthalene-d8 | 136 | 4.582 | 4.582 | 0.000 | 98 | 1925472 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.601 | 4.601 | 0.000 | 99 | 2566435 | 10.0 | 10.3 | |
| 130 2,6-Dichlorophenol | 162 | 4.684 | 4.684 | 0.000 | 95 | 734306 | 10.0 | 10.5 | |
| 40 4-Chloroaniline | 127 | 4.684 | 4.684 | 0.000 | 98 | 1028885 | 10.0 | 11.0 | |
| 41 Hexachlorobutadiene | 225 | 4.742 | 4.742 | 0.000 | 98 | 497315 | 10.0 | 10.3 | |
| 42 Caprolactam | 55 | 5.020 | 5.020 | -0.003 | 95 | 98232 | 4.00 | 3.87 | M |
| 43 4-Chloro-3-methylphenol | 107 | 5.189 | 5.189 | 0.000 | 94 | 662077 | 10.0 | 10.6 | |
| 44 2-Methylnaphthalene | 142 | 5.279 | 5.279 | 0.000 | 84 | 1701500 | 10.0 | 10.3 | |
| 45 1-Methylnaphthalene | 142 | 5.368 | 5.368 | 0.000 | 93 | 1556107 | 10.0 | 10.4 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.436 | 5.435 | 0.001 | 98 | 517597 | 10.0 | 10.8 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.442 | 5.442 | 0.000 | 99 | 841578 | 10.0 | 10.6 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.528 | 5.528 | 0.000 | 92 | 985186 | 10.0 | 10.3 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.567 | 5.566 | 0.001 | 93 | 526983 | 10.0 | 10.8 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.596 | 5.595 | 0.001 | 99 | 561669 | 10.0 | 10.7 | |
| 52 1,1'-Biphenyl | 154 | 5.736 | 5.736 | 0.000 | 95 | 1954077 | 10.0 | 10.5 | |
| 53 2-Chloronaphthalene | 162 | 5.736 | 5.739 | -0.003 | 83 | 1498248 | 10.0 | 10.5 | |
| 54 Phenyl ether | 170 | 5.845 | 5.845 | 0.000 | 82 | 1073016 | 10.0 | 10.1 | |
| 55 2-Nitroaniline | 65 | 5.861 | 5.861 | 0.000 | 91 | 401085 | 10.0 | 10.6 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.954 | 5.954 | 0.000 | 92 | 1190168 | 10.0 | 10.1 | |
| 60 Coumarin | 146 | 6.043 | 6.043 | 0.000 | 82 | 526863 | 10.0 | 10.1 | |
| 59 Dimethyl phthalate | 163 | 6.066 | 6.065 | 0.001 | 98 | 1617994 | 10.0 | 10.4 | |
| 61 2,6-Dinitrotoluene | 165 | 6.107 | 6.107 | 0.000 | 92 | 371789 | 10.0 | 11.1 | |
| 62 Acenaphthylene | 152 | 6.123 | 6.123 | 0.000 | 98 | 2279805 | 10.0 | 10.6 | |
| 63 3-Nitroaniline | 138 | 6.254 | 6.254 | 0.000 | 93 | 399264 | 10.0 | 10.8 | |
| * 64 Acenaphthene-d10 | 164 | 6.261 | 6.261 | 0.000 | 96 | 940237 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.293 | 6.293 | 0.000 | 95 | 1380154 | 10.0 | 10.5 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.335 | 6.334 | 0.001 | 96 | 1151327 | 10.0 | 10.5 | |
| 67 2,4-Dinitrophenol | 184 | 6.357 | 6.357 | 0.000 | 91 | 474979 | 20.0 | 20.8 | |
| 68 4-Nitrophenol | 65 | 6.453 | 6.453 | 0.000 | 84 | 428945 | 20.0 | 21.8 | |
| 70 Dibenzofuran | 168 | 6.456 | 6.456 | 0.000 | 97 | 2042068 | 10.0 | 10.4 | |
| 69 2,4-Dinitrotoluene | 165 | 6.482 | 6.481 | 0.001 | 96 | 490030 | 10.0 | 11.2 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.587 | 6.587 | 0.000 | 98 | 440844 | 10.0 | 10.5 | |
| 73 Diethyl phthalate | 149 | 6.738 | 6.740 | -0.002 | 99 | 1516269 | 10.0 | 9.90 | |
| 75 Fluorene | 166 | 6.776 | 6.776 | 0.000 | 95 | 1604255 | 10.0 | 10.4 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.802 | 6.801 | 0.001 | 93 | 781964 | 10.0 | 10.4 | |
| 76 4-Nitroaniline | 138 | 6.831 | 6.830 | 0.001 | 85 | 358436 | 10.0 | 10.9 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.859 | 6.862 | -0.003 | 94 | 588642 | 20.0 | 21.9 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.920 | 6.923 | -0.003 | 96 | 1152856 | 10.0 | 10.5 | |
| 131 Azobenzene | 77 | 6.949 | 6.949 | 0.000 | 0 | 1294866 | 10.0 | 10.6 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.949 | 6.949 | 0.000 | 92 | 1294826 | 10.0 | 10.9 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.256 | 7.256 | 0.000 | 97 | 501176 | 10.0 | 10.5 | |
| 82 Hexachlorobenzene | 284 | 7.288 | 7.288 | 0.000 | 94 | 627569 | 10.0 | 10.4 | |
| 83 Atrazine | 200 | 7.454 | 7.451 | 0.003 | 95 | 168874 | 4.00 | 4.00 | |
| 84 Pentachlorophenol | 266 | 7.486 | 7.486 | 0.000 | 95 | 781585 | 20.0 | 21.8 | |
| 85 Pentachloronitrobenzene | 237 | 7.499 | 7.499 | 0.000 | 92 | 192744 | 10.0 | 9.94 | |
| 86 n-Octadecane | 57 | 7.646 | 7.643 | 0.003 | 67 | 748595 | 10.0 | 10.7 | |
| * 87 Phenanthrene-d10 | 188 | 7.646 | 7.646 | 0.000 | 98 | 1600307 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.669 | 7.665 | 0.004 | 97 | 2181307 | 10.0 | 10.4 | |
| 89 Anthracene | 178 | 7.714 | 7.713 | 0.001 | 99 | 2251913 | 10.0 | 10.6 | |
| 90 Carbazole | 167 | 7.886 | 7.886 | 0.000 | 96 | 1979348 | 10.0 | 10.7 | |
| 91 Di-n-butyl phthalate | 149 | 8.276 | 8.276 | 0.000 | 99 | 2342048 | 10.0 | 11.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 92 Fluoranthene | 202 | 8.775 | 8.774 | 0.001 | 98 | 2259865 | 10.0 | 10.9 | |
| 93 Benzidine | 184 | 8.944 | 8.941 | 0.003 | 99 | 1015314 | 10.0 | 12.3 | |
| 94 Pyrene | 202 | 8.979 | 8.976 | 0.003 | 97 | 2295801 | 10.0 | 10.5 | |
| 95 Bisphenol-A | 213 | 9.101 | 9.097 | 0.004 | 98 | 796197 | 10.0 | 10.1 | |
| 97 Butyl benzyl phthalate | 149 | 9.677 | 9.677 | 0.000 | 95 | 892191 | 10.0 | 11.1 | |
| 99 Carbamazepine | 193 | 9.734 | 9.731 | 0.003 | 93 | 676419 | 10.0 | 9.84 | |
| 101 Benzo[a]anthracene | 228 | 10.115 | 10.112 | 0.003 | 99 | 2025757 | 10.0 | 10.6 | |
| * 102 Chrysene-d12 | 240 | 10.121 | 10.121 | 0.000 | 99 | 1158037 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.128 | 10.124 | 0.004 | 98 | 782016 | 10.0 | 10.8 | |
| 104 Chrysene | 228 | 10.147 | 10.144 | 0.003 | 98 | 1876843 | 10.0 | 10.3 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.256 | 10.253 | 0.003 | 84 | 1240549 | 10.0 | 11.0 | |
| 105 Di-n-octyl phthalate | 149 | 10.924 | 10.921 | 0.003 | 96 | 1913317 | 10.0 | 11.6 | |
| 106 Benzo[b]fluoranthene | 252 | 11.189 | 11.186 | 0.003 | 98 | 1839061 | 10.0 | 11.3 | |
| 107 Benzo[k]fluoranthene | 252 | 11.221 | 11.218 | 0.003 | 99 | 1865378 | 10.0 | 11.1 | |
| 108 Benzo[a]pyrene | 252 | 11.531 | 11.528 | 0.003 | 97 | 1646574 | 10.0 | 11.6 | |
| * 109 Perylene-d12 | 264 | 11.596 | 11.592 | 0.004 | 99 | 1154946 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.839 | 12.833 | 0.006 | 99 | 1716677 | 10.0 | 11.7 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.884 | 12.881 | 0.003 | 97 | 1680710 | 10.0 | 11.3 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.143 | 13.137 | 0.006 | 98 | 1636161 | 10.0 | 11.3 | |

## QC Flag Legend

Processing Flags
- NC - Not Calibrated
- E - Exceeded Maximum Amount

Review Flags
- M - Manually Integrated
- a - User Assigned ID

## Reagents:

SV_ICV_ LVI_00012 Amount Added: 1.00 Units: mL

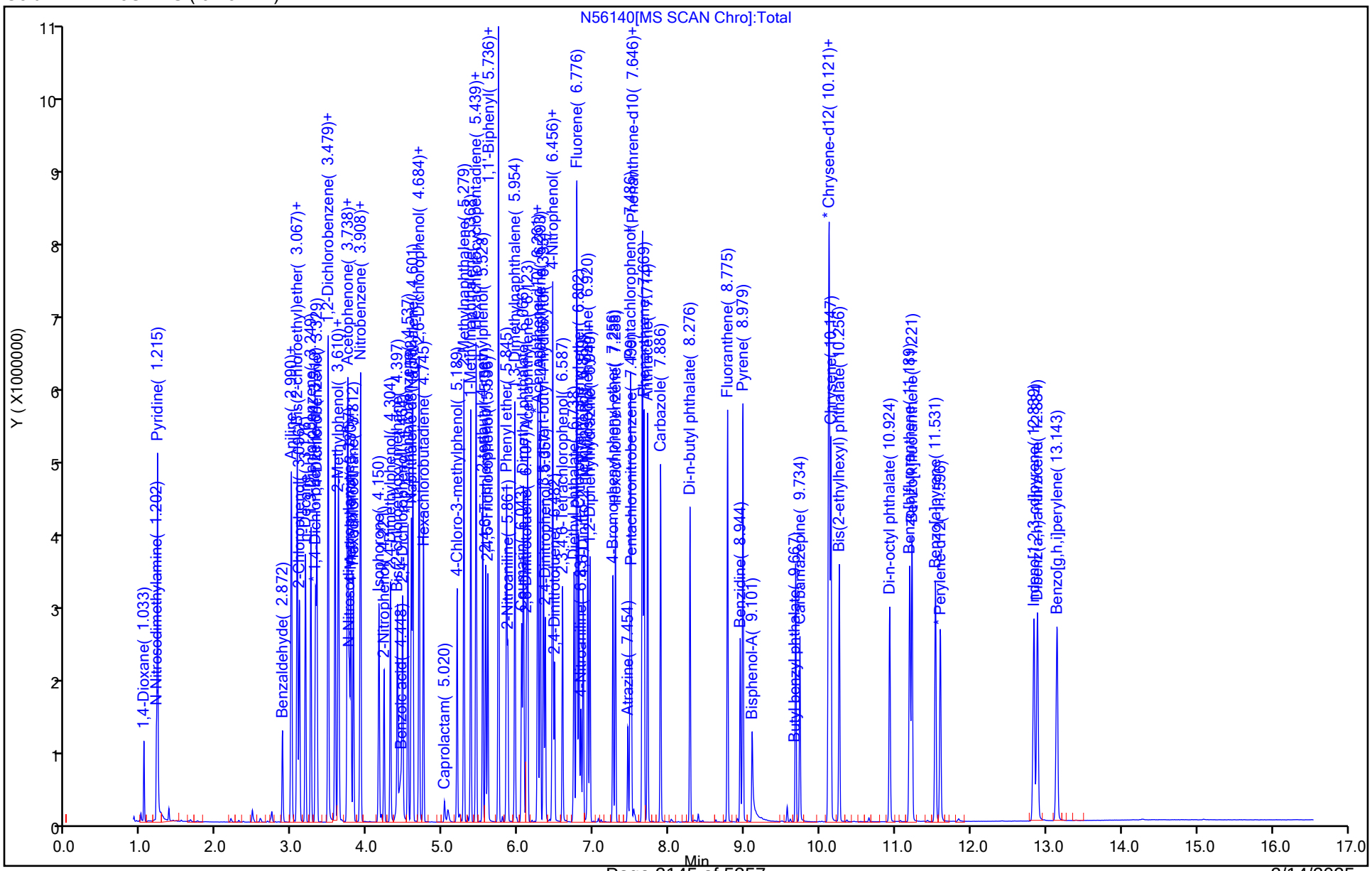
Report Date: 29-Jan-2025 14:44:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56140.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 29-Jan-2025 14:14:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | ICV | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

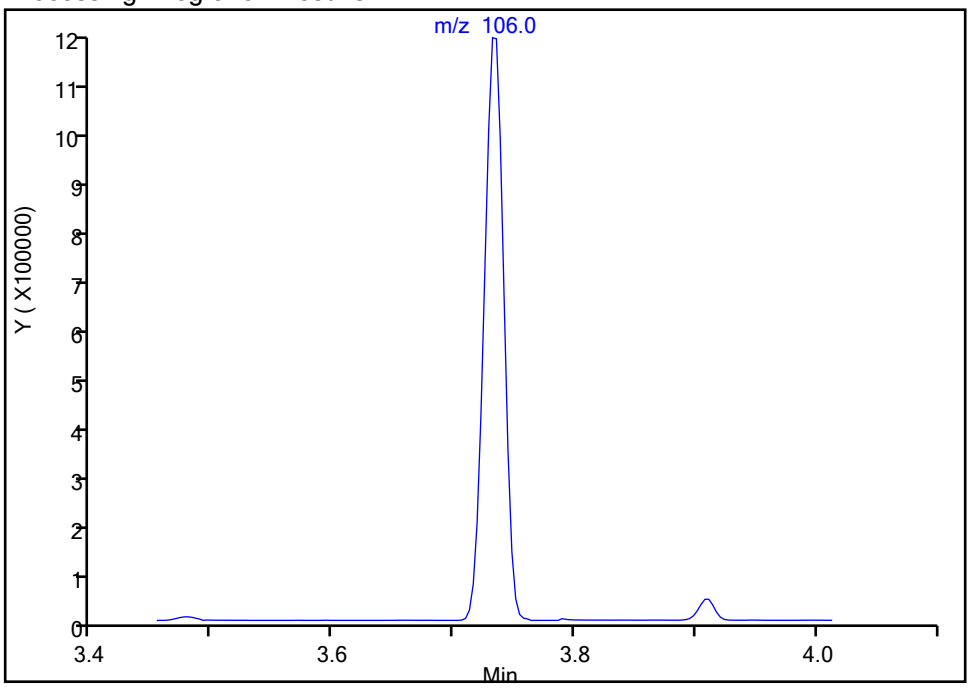
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56140.d
Injection Date: 29-Jan-2025 14:14:30 Instrument ID: CBNAMS14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

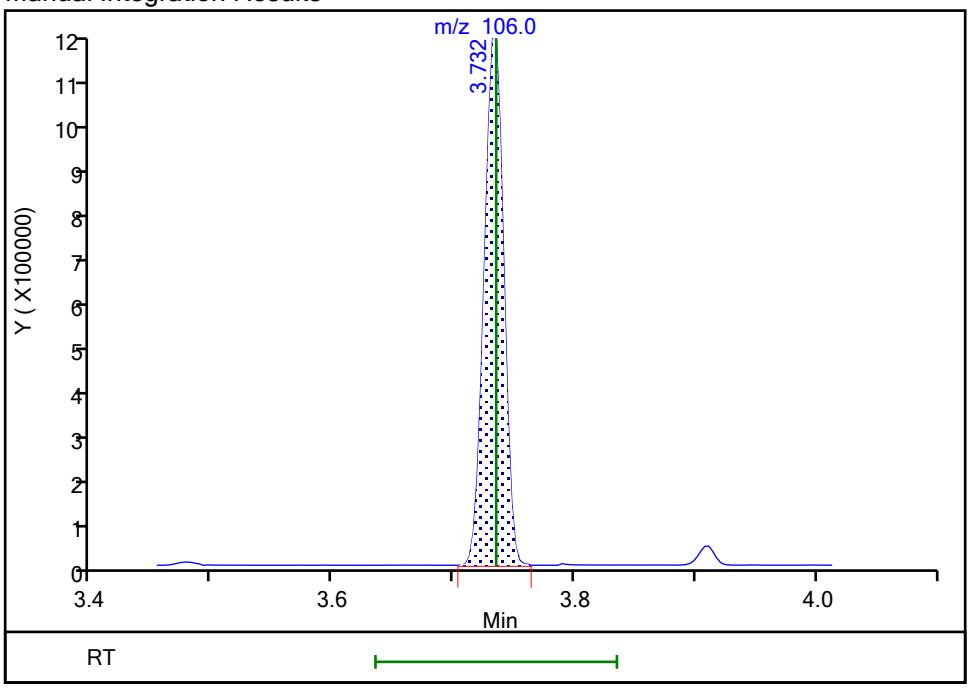
Not Detected
Expected RT: 3.73

Processing Integration Results




Manual Integration Results

RT: 3.73
Area: 1299789
Amount: 10.806154
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 14:38:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

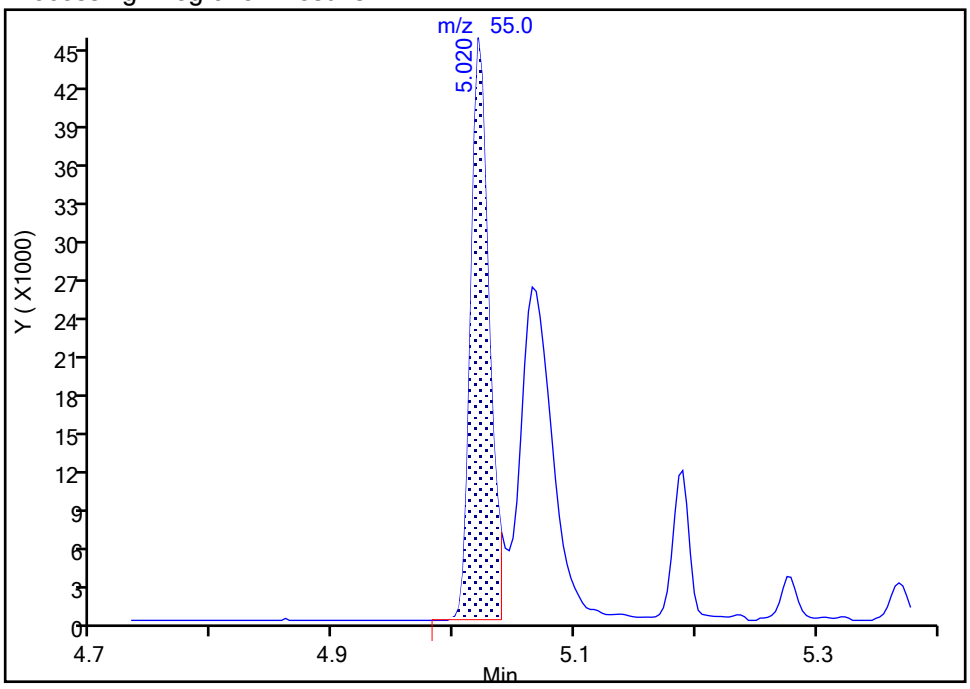
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56140.d
Injection Date: 29-Jan-2025 14:14:30 Instrument ID: CBNAMS14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 11
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

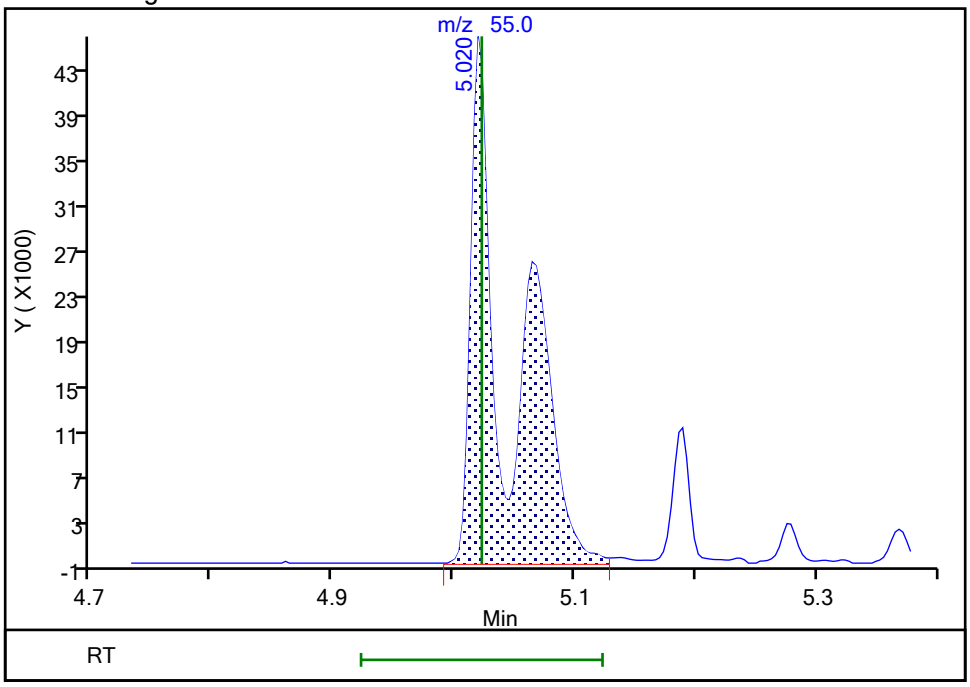
Processing Integration Results

RT: 5.02
Area: 48545
Amount: 2.165723
Amount Units: ug/ml




Manual Integration Results

RT: 5.02
Area: 98232
Amount: 3.873460
Amount Units: ug/ml




Reviewer: G4KC, 29-Jan-2025 14:38:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020114/2 | Calibration Date: 02/07/2025 11:23

Instrument ID: CBNAMS14 | Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 01/29/2025 13:11

Lab File ID: N56271.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.4394 | 0.4626 | | 10500 | 10000 | 5.3 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.6565 | 0.6580 | | 10000 | 10000 | 0.2 | 20.0 |
| Pyridine | Ave | 0.9528 | 0.9574 | | 20100 | 20000 | 0.5 | 20.0 |
| Benzaldehyde | Ave | 0.9163 | 0.4805 | 0.0100 | 2100 | 4000 | -47.6* | 20.0 |
| Aniline | Ave | 1.603 | 1.577 | | 9840 | 10000 | -1.6 | 20.0 |
| Phenol | Ave | 1.513 | 1.474 | 0.8000 | 9740 | 10000 | -2.6 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.091 | 1.072 | 0.7000 | 9830 | 10000 | -1.7 | 20.0 |
| 2-Chlorophenol | Ave | 1.299 | 1.316 | 0.8000 | 10100 | 10000 | 1.4 | 20.0 |
| n-Decane | Ave | 0.9227 | 0.8957 | | 9710 | 10000 | -2.9 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.525 | 1.496 | | 9810 | 10000 | -1.9 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.509 | 1.503 | | 9960 | 10000 | -0.4 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.437 | 1.416 | | 9860 | 10000 | -1.4 | 20.0 |
| Benzyl alcohol | Ave | 0.7217 | 0.5917 | | 8200 | 10000 | -18.0 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.100 | 1.044 | 0.0100 | 9490 | 10000 | -5.1 | 20.0 |
| 2-Methylphenol | Ave | 1.017 | 0.9817 | 0.7000 | 9660 | 10000 | -3.4 | 20.0 |
| N-Methylaniline | Ave | 1.668 | 1.690 | | 10100 | 10000 | 1.3 | 20.0 |
| Acetophenone | Ave | 1.585 | 1.541 | 0.0100 | 9720 | 10000 | -2.8 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.7001 | 0.6869 | 0.5000 | 9810 | 10000 | -1.9 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.061 | 1.029 | | 9690 | 10000 | -3.1 | 20.0 |
| 4-Methylphenol | Ave | 1.061 | 1.029 | 0.6000 | 9690 | 10000 | -3.1 | 20.0 |
| Hexachloroethane | Ave | 0.5167 | 0.5082 | 0.3000 | 9840 | 10000 | -1.6 | 20.0 |
| Nitrobenzene | Ave | 0.5499 | 0.5619 | 0.2000 | 10200 | 10000 | 2.2 | 20.0 |
| n,n'-Dimethylaniline | Ave | 1.815 | 1.718 | | 9470 | 10000 | -5.3 | 20.0 |
| Isophorone | Ave | 0.5588 | 0.5702 | 0.4000 | 10200 | 10000 | 2.0 | 20.0 |
| 2-Nitrophenol | Ave | 0.1914 | 0.2033 | 0.1000 | 10600 | 10000 | 6.2 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.2550 | 0.2533 | 0.2000 | 9940 | 10000 | -0.6 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.3729 | 0.3729 | 0.3000 | 10000 | 10000 | -0.0 | 20.0 |
| Benzoic acid | Lin1 | | 0.1900 | | 9210 | 10000 | -7.9 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2997 | 0.3135 | 0.2000 | 10500 | 10000 | 4.6 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3430 | 0.3559 | | 10400 | 10000 | 3.8 | 20.0 |
| Naphthalene | Ave | 1.036 | 1.025 | 0.7000 | 9890 | 10000 | -1.1 | 20.0 |
| 4-Chloroaniline | Ave | 0.3878 | 0.3906 | 0.0100 | 10100 | 10000 | 0.7 | 20.0 |
| Hexachlorobutadiene | Ave | 0.2015 | 0.2121 | 0.0100 | 10500 | 10000 | 5.2 | 20.0 |
| Caprolactam | Qua1 | | 0.1014 | 0.0100 | 3850 | 4000 | -3.7 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2597 | 0.2702 | 0.2000 | 10400 | 10000 | 4.0 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6832 | 0.6907 | 0.4000 | 10100 | 10000 | 1.1 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6208 | 0.6234 | | 10000 | 10000 | 0.4 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.4084 | 0.3852 | 0.0500 | 9430 | 10000 | -5.7 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6786 | 0.7099 | 0.0100 | 10500 | 10000 | 4.6 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.3979 | 0.4000 | | 10100 | 10000 | 0.5 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.4153 | 0.4327 | 0.2000 | 10400 | 10000 | 4.2 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020114/2  Calibration Date: 02/07/2025 11:23

Instrument ID: CBNAMS14  Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 01/29/2025 13:11

Lab File ID: N56271.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4481 | 0.4741 | 0.2000 | 10600 | 10000 | 5.8 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.578 | 1.573 | 0.0100 | 9970 | 10000 | -0.3 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.213 | 1.220 | 0.8000 | 10100 | 10000 | 0.5 | 20.0 |
| Phenyl ether | Ave | 0.9037 | 0.9002 | | 9960 | 10000 | -0.4 | 20.0 |
| 2-Nitroaniline | Ave | 0.3229 | 0.3338 | 0.0100 | 10300 | 10000 | 3.4 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.998 | 0.9827 | | 9850 | 10000 | -1.5 | 20.0 |
| Coumarin | Ave | 0.2164 | 0.2140 | | 9890 | 10000 | -1.1 | 20.0 |
| Dimethyl phthalate | Ave | 1.320 | 1.348 | 0.0100 | 10200 | 10000 | 2.1 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2860 | 0.3125 | 0.2000 | 10900 | 10000 | 9.3 | 20.0 |
| Acenaphthylene | Ave | 1.837 | 1.830 | 0.6000 | 9960 | 10000 | -0.4 | 20.0 |
| 3-Nitroaniline | Ave | 0.3151 | 0.3239 | 0.0100 | 10300 | 10000 | 2.8 | 20.0 |
| Acenaphthene | Ave | 1.114 | 1.100 | 0.9000 | 9880 | 10000 | -1.2 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.9348 | 0.9803 | | 10500 | 10000 | 4.9 | 20.0 |
| 2,4-Dinitrophenol | Qua1 | | 0.2052 | 0.0100 | 21000 | 20000 | 5.2 | 20.0 |
| Dibenzofuran | Ave | 1.669 | 1.668 | 0.8000 | 9990 | 10000 | -0.0 | 20.0 |
| 4-Nitrophenol | Ave | 0.1671 | 0.1754 | 0.0100 | 21000 | 20000 | 5.0 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3710 | 0.4109 | 0.2000 | 11100 | 10000 | 10.8 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3588 | 0.3713 | 0.0100 | 10400 | 10000 | 3.5 | 20.0 |
| Diethyl phthalate | Ave | 1.304 | 1.267 | 0.0100 | 9720 | 10000 | -2.8 | 20.0 |
| Fluorene | Ave | 1.311 | 1.303 | 0.9000 | 9940 | 10000 | -0.6 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6426 | 0.6649 | 0.4000 | 10300 | 10000 | 3.5 | 20.0 |
| 4-Nitroaniline | Ave | 0.2789 | 0.2971 | 0.0100 | 10700 | 10000 | 6.5 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1342 | 0.1451 | 0.0100 | 21600 | 20000 | 8.1 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.5482 | 0.5426 | 0.0100 | 9900 | 10000 | -1.0 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.5962 | 0.5947 | | 9970 | 10000 | -0.3 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2395 | 0.2475 | 0.1000 | 10300 | 10000 | 3.4 | 20.0 |
| Hexachlorobenzene | Ave | 0.3003 | 0.3095 | 0.1000 | 10300 | 10000 | 3.0 | 20.0 |
| Atrazine | Lin2 | | 0.2174 | 0.0100 | 4110 | 4000 | 2.9 | 20.0 |
| Pentachlorophenol | Ave | 0.1792 | 0.1890 | 0.0500 | 21100 | 20000 | 5.5 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0969 | 0.1020 | 0.0100 | 10500 | 10000 | 5.2 | 20.0 |
| n-Octadecane | Ave | 0.3487 | 0.3484 | | 9990 | 10000 | -0.1 | 20.0 |
| Phenanthrene | Ave | 1.045 | 1.034 | 0.7000 | 9890 | 10000 | -1.1 | 20.0 |
| Anthracene | Ave | 1.060 | 1.063 | 0.7000 | 10000 | 10000 | 0.2 | 20.0 |
| Carbazole | Ave | 0.9224 | 0.9282 | 0.0100 | 10100 | 10000 | 0.6 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.068 | 1.127 | 0.0100 | 10600 | 10000 | 5.5 | 20.0 |
| Fluoranthene | Ave | 1.036 | 1.089 | 0.6000 | 10500 | 10000 | 5.1 | 20.0 |
| Benzidine | Ave | 0.4125 | 0.3527 | | 8550 | 10000 | -14.5 | 20.0 |
| Pyrene | Ave | 1.510 | 1.541 | 0.6000 | 10200 | 10000 | 2.0 | 20.0 |
| Bisphenol-A | Ave | 0.5423 | 0.5375 | | 9910 | 10000 | -0.9 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.5545 | 0.6013 | 0.0100 | 10800 | 10000 | 8.4 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020114/2  Calibration Date: 02/07/2025 11:23

Instrument ID: CBNAMS14  Calib Start Date: 01/29/2025 07:32

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 01/29/2025 13:11

Lab File ID: N56271.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.2753 | 0.2952 | | 107 | 100 | 7.2 | 20.0 |
| Carbamazepine | Lin2 | | 0.4723 | | 9940 | 10000 | -0.6 | 20.0 |
| Benzo[a]anthracene | Ave | 1.318 | 1.328 | 0.8000 | 10100 | 10000 | 0.8 | 20.0 |
| 3,3'-Dichlorobenzidine | Lin2 | | 0.4826 | 0.0100 | 9680 | 10000 | -3.2 | 20.0 |
| Chrysene | Ave | 1.259 | 1.246 | 0.7000 | 9900 | 10000 | -1.0 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Lin2 | | 0.8479 | 0.0100 | 10800 | 10000 | 8.4 | 20.0 |
| Di-n-octyl phthalate | Ave | 1.142 | 1.363 | 0.0100 | 11900 | 10000 | 19.3 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.129 | 1.224 | | 10800 | 10000 | 8.4 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.168 | 1.270 | 0.7000 | 10900 | 10000 | 8.8 | 20.0 |
| Benzo[a]pyrene | Ave | 0.9799 | 1.071 | 0.7000 | 10900 | 10000 | 9.3 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.018 | 1.093 | 0.5000 | 10700 | 10000 | 7.4 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.026 | 1.077 | 0.4000 | 10500 | 10000 | 4.9 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 1.006 | 1.031 | 0.5000 | 10200 | 10000 | 2.5 | 20.0 |
| 2-Fluorophenol (Surr) | Ave | 1.190 | 1.240 | | 10400 | 10000 | 4.2 | 20.0 |
| Phenol-d5 (Surr) | Ave | 1.473 | 1.481 | | 10100 | 10000 | 0.5 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.3436 | 0.3614 | | 10500 | 10000 | 5.2 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.560 | 1.611 | | 10300 | 10000 | 3.3 | 20.0 |
| 2,4,6-Tribromophenol (Surr) | Ave | 0.3155 | 0.3447 | | 10900 | 10000 | 9.2 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.290 | 1.362 | | 10600 | 10000 | 5.6 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56271.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 11:23:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-002
Operator ID: Instrument ID: CBNAMS14
Sublist: chrom-8270LVI_14*sub62

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 07-Feb-2025 12:27:13 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1675

First Level Reviewer: QQ8R Date: 07-Feb-2025 11:43:44

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.059 | 1.059 | 0.000 | 90 | 426438 | 10.0 | 10.5 | |
| 2 N-Nitrosodimethylamine | 74 | 1.225 | 1.225 | 0.000 | 96 | 606601 | 10.0 | 10.0 | |
| 3 Pyridine | 79 | 1.238 | 1.238 | 0.000 | 97 | 1765158 | 20.0 | 20.1 | |
| $ 4 2-Fluorophenol | 112 | 2.122 | 2.122 | 0.000 | 96 | 1143569 | 10.0 | 10.4 | |
| 5 Benzaldehyde | 77 | 2.869 | 2.869 | 0.000 | 95 | 177199 | 4.00 | 2.10 | |
| 8 Aniline | 93 | 2.984 | 2.984 | 0.000 | 98 | 1453917 | 10.0 | 9.84 | |
| $ 6 Phenol-d5 | 99 | 2.987 | 2.987 | 0.000 | 93 | 1365202 | 10.0 | 10.1 | |
| 7 Phenol | 94 | 3.000 | 3.000 | 0.000 | 98 | 1359071 | 10.0 | 9.74 | |
| 10 Benzonitrile | 103 | 3.067 | 3.067 | 0.000 | 96 | 2025379 | NC | NC | |
| 9 Bis(2-chloroethyl)ether | 93 | 3.067 | 3.067 | 0.000 | 99 | 988166 | 10.0 | 9.83 | |
| 11 2-Chlorophenol | 128 | 3.096 | 3.096 | 0.000 | 98 | 1213585 | 10.0 | 10.1 | |
| 12 n-Decane | 43 | 3.170 | 3.170 | 0.000 | 87 | 825735 | 10.0 | 9.71 | |
| 13 1,3-Dichlorobenzene | 146 | 3.243 | 3.243 | 0.000 | 97 | 1378982 | 10.0 | 9.81 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.304 | 3.304 | 0.000 | 94 | 737518 | 8.00 | 8.00 | |
| 15 1,4-Dichlorobenzene | 146 | 3.323 | 3.323 | 0.000 | 96 | 1385191 | 10.0 | 9.96 | |
| 17 1,2-Dichlorobenzene | 146 | 3.470 | 3.470 | 0.000 | 98 | 1305538 | 10.0 | 9.86 | |
| 16 Benzyl alcohol | 108 | 3.476 | 3.476 | 0.000 | 96 | 545482 | 10.0 | 8.20 | |
| 18 2-Methylphenol | 108 | 3.611 | 3.611 | 0.000 | 93 | 905008 | 10.0 | 9.66 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.611 | 3.611 | 0.000 | 92 | 962340 | 10.0 | 9.49 | |
| 20 N-Methylaniline | 106 | 3.729 | 3.729 | 0.000 | 98 | 1557993 | 10.0 | 10.1 | |
| 21 Acetophenone | 105 | 3.739 | 3.739 | 0.000 | 94 | 1420892 | 10.0 | 9.72 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.755 | 3.755 | 0.000 | 78 | 633214 | 10.0 | 9.81 | |
| 24 4-Methylphenol | 108 | 3.777 | 3.777 | 0.000 | 97 | 948461 | 10.0 | 9.69 | |
| 23 3 & 4 Methylphenol | 108 | 3.777 | 3.777 | 0.000 | 67 | 948461 | 10.0 | 9.69 | |
| 25 Hexachloroethane | 117 | 3.806 | 3.806 | 0.000 | 95 | 468509 | 10.0 | 9.84 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.879 | 3.879 | 0.000 | 84 | 1057909 | 10.0 | 10.5 | |
| 28 Nitrobenzene | 123 | 3.899 | 3.899 | 0.000 | 98 | 518029 | 10.0 | 10.2 | |
| 29 n,n'-Dimethylaniline | 120 | 3.905 | 3.905 | 0.000 | 93 | 1584208 | 10.0 | 9.47 | |
| 30 Isophorone | 82 | 4.145 | 4.145 | 0.000 | 98 | 1669223 | 10.0 | 10.2 | |
| 32 2-Nitrophenol | 139 | 4.212 | 4.212 | 0.000 | 96 | 595076 | 10.0 | 10.6 | |
| 33 2,4-Dimethylphenol | 122 | 4.301 | 4.301 | 0.000 | 92 | 741668 | 10.0 | 9.94 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Bis(2-chloroethoxy)methane | 93 | 4.391 | 4.391 | 0.000 | 96 | 1091577 | 10.0 | 10.0 | |
| 35 Benzoic acid | 122 | 4.455 | 4.455 | 0.000 | 85 | 556233 | 10.0 | 9.21 | |
| 36 2,4-Dichlorophenol | 162 | 4.461 | 4.461 | 0.000 | 97 | 917880 | 10.0 | 10.5 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.528 | 4.528 | 0.000 | 95 | 1041804 | 10.0 | 10.4 | |
| * 38 Naphthalene-d8 | 136 | 4.573 | 4.573 | 0.000 | 99 | 2341956 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.596 | 4.596 | 0.000 | 99 | 3000852 | 10.0 | 9.89 | |
| 130 2,6-Dichlorophenol | 162 | 4.679 | 4.679 | 0.000 | 82 | 865135 | 10.0 | 10.1 | |
| 40 4-Chloroaniline | 127 | 4.679 | 4.679 | 0.000 | 95 | 1143349 | 10.0 | 10.1 | |
| 41 Hexachlorobutadiene | 225 | 4.733 | 4.733 | 0.000 | 98 | 620948 | 10.0 | 10.5 | |
| 42 Caprolactam | 55 | 5.021 | 5.021 | 0.000 | 95 | 118705 | 4.00 | 3.85 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.187 | 5.187 | 0.000 | 94 | 791040 | 10.0 | 10.4 | |
| 44 2-Methylnaphthalene | 142 | 5.270 | 5.270 | 0.000 | 84 | 2022104 | 10.0 | 10.1 | |
| 45 1-Methylnaphthalene | 142 | 5.363 | 5.363 | 0.000 | 92 | 1824993 | 10.0 | 10.0 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.430 | 5.430 | 0.000 | 98 | 553062 | 10.0 | 9.43 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.436 | 5.436 | 0.000 | 99 | 1019347 | 10.0 | 10.5 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.523 | 5.523 | 0.000 | 93 | 1170862 | 10.0 | 10.1 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.561 | 5.561 | 0.000 | 93 | 621226 | 10.0 | 10.4 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.593 | 5.593 | 0.000 | 99 | 680708 | 10.0 | 10.6 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.644 | 5.644 | 0.000 | 97 | 2313057 | 10.0 | 10.3 | |
| 52 1,1'-Biphenyl | 154 | 5.731 | 5.731 | 0.000 | 95 | 2258419 | 10.0 | 9.97 | |
| 53 2-Chloronaphthalene | 162 | 5.731 | 5.731 | 0.000 | 97 | 1751145 | 10.0 | 10.1 | |
| 54 Phenyl ether | 170 | 5.836 | 5.836 | 0.000 | 81 | 1292531 | 10.0 | 9.96 | |
| 55 2-Nitroaniline | 65 | 5.856 | 5.856 | 0.000 | 92 | 479205 | 10.0 | 10.3 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.948 | 5.948 | 0.000 | 91 | 1410972 | 10.0 | 9.85 | |
| 60 Coumarin | 146 | 6.041 | 6.041 | 0.000 | 81 | 626436 | 10.0 | 9.89 | |
| 59 Dimethyl phthalate | 163 | 6.060 | 6.060 | 0.000 | 98 | 1935921 | 10.0 | 10.2 | |
| 61 2,6-Dinitrotoluene | 165 | 6.105 | 6.105 | 0.000 | 90 | 448700 | 10.0 | 10.9 | |
| 62 Acenaphthylene | 152 | 6.118 | 6.118 | 0.000 | 97 | 2627618 | 10.0 | 9.96 | |
| 63 3-Nitroaniline | 138 | 6.252 | 6.252 | 0.000 | 93 | 465126 | 10.0 | 10.3 | |
| * 64 Acenaphthene-d10 | 164 | 6.256 | 6.256 | 0.000 | 96 | 1148647 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.284 | 6.284 | 0.000 | 95 | 1579744 | 10.0 | 9.88 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.329 | 6.329 | 0.000 | 96 | 1407486 | 10.0 | 10.5 | |
| 67 2,4-Dinitrophenol | 184 | 6.355 | 6.355 | 0.000 | 91 | 589173 | 20.0 | 21.0 | |
| 70 Dibenzofuran | 168 | 6.451 | 6.451 | 0.000 | 97 | 2394419 | 10.0 | 10.0 | |
| 68 4-Nitrophenol | 65 | 6.457 | 6.457 | 0.000 | 84 | 503799 | 20.0 | 21.0 | |
| 69 2,4-Dinitrotoluene | 165 | 6.477 | 6.477 | 0.000 | 97 | 589969 | 10.0 | 11.1 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.582 | 6.582 | 0.000 | 97 | 533178 | 10.0 | 10.4 | |
| 73 Diethyl phthalate | 149 | 6.736 | 6.736 | 0.000 | 99 | 1818708 | 10.0 | 9.72 | |
| 75 Fluorene | 166 | 6.771 | 6.771 | 0.000 | 94 | 1871562 | 10.0 | 9.94 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.797 | 6.797 | 0.000 | 93 | 954658 | 10.0 | 10.3 | |
| 76 4-Nitroaniline | 138 | 6.832 | 6.832 | 0.000 | 82 | 426518 | 10.0 | 10.7 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.857 | 6.857 | 0.000 | 93 | 731339 | 20.0 | 21.6 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.918 | 6.918 | 0.000 | 96 | 1367575 | 10.0 | 9.90 | |
| 131 Azobenzene | 77 | 6.944 | 6.944 | 0.000 | 0 | 1498408 | 10.0 | 9.70 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.944 | 6.944 | 0.000 | 92 | 1498952 | 10.0 | 9.97 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.002 | 7.002 | 0.000 | 89 | 494859 | 10.0 | 10.9 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.251 | 7.251 | 0.000 | 96 | 623944 | 10.0 | 10.3 | |
| 82 Hexachlorobenzene | 284 | 7.283 | 7.283 | 0.000 | 94 | 780017 | 10.0 | 10.3 | |
| 83 Atrazine | 200 | 7.449 | 7.449 | 0.000 | 95 | 219216 | 4.00 | 4.11 | |
| 84 Pentachlorophenol | 266 | 7.485 | 7.485 | 0.000 | 95 | 952955 | 20.0 | 21.1 | |
| 85 Pentachloronitrobenzene | 237 | 7.494 | 7.494 | 0.000 | 92 | 257022 | 10.0 | 10.5 | |
| 86 n-Octadecane | 57 | 7.638 | 7.638 | 0.000 | 86 | 878099 | 10.0 | 9.99 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 87 Phenanthrene-d10 | 188 | 7.642 | 7.642 | 0.000 | 98 | 2016418 | 8.00 | 8.00 | |
| 88 Phenanthrene | 178 | 7.661 | 7.661 | 0.000 | 97 | 2605633 | 10.0 | 9.89 | |
| 89 Anthracene | 178 | 7.709 | 7.709 | 0.000 | 99 | 2678086 | 10.0 | 10.0 | |
| 90 Carbazole | 167 | 7.885 | 7.885 | 0.000 | 96 | 2339564 | 10.0 | 10.1 | |
| 91 Di-n-butyl phthalate | 149 | 8.272 | 8.272 | 0.000 | 99 | 2840947 | 10.0 | 10.6 | |
| 92 Fluoranthene | 202 | 8.770 | 8.770 | 0.000 | 98 | 2745557 | 10.0 | 10.5 | |
| 93 Benzidine | 184 | 8.939 | 8.939 | 0.000 | 99 | 889036 | 10.0 | 8.55 | |
| 94 Pyrene | 202 | 8.975 | 8.975 | 0.000 | 97 | 2774783 | 10.0 | 10.2 | |
| 95 Bisphenol-A | 213 | 9.119 | 9.119 | 0.000 | 99 | 968138 | 10.0 | 9.91 | |
| $ 96 Terphenyl-d14 | 244 | 9.173 | 9.173 | 0.000 | 97 | 2453611 | 10.0 | 10.6 | |
| 97 Butyl benzyl phthalate | 149 | 9.676 | 9.676 | 0.000 | 95 | 1082974 | 10.0 | 10.8 | |
| 98 2,3,7,8-TCDD | 320 | 9.698 | 9.698 | 0.000 | 93 | 5317 | 0.1000 | 0.1072 | |
| 99 Carbamazepine | 193 | 9.734 | 9.734 | 0.000 | 93 | 850638 | 10.0 | 9.94 | |
| 101 Benzo[a]anthracene | 228 | 10.111 | 10.111 | 0.000 | 99 | 2392188 | 10.0 | 10.1 | |
| * 102 Chrysene-d12 | 240 | 10.121 | 10.121 | 0.000 | 99 | 1440893 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.127 | 10.127 | 0.000 | 98 | 869223 | 10.0 | 9.68 | |
| 104 Chrysene | 228 | 10.146 | 10.146 | 0.000 | 98 | 2243604 | 10.0 | 9.90 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.252 | 10.252 | 0.000 | 84 | 1527217 | 10.0 | 10.8 | |
| 105 Di-n-octyl phthalate | 149 | 10.923 | 10.923 | 0.000 | 95 | 2310966 | 10.0 | 11.9 | |
| 106 Benzo[b]fluoranthene | 252 | 11.186 | 11.186 | 0.000 | 98 | 2075249 | 10.0 | 10.8 | |
| 107 Benzo[k]fluoranthene | 252 | 11.218 | 11.218 | 0.000 | 99 | 2154043 | 10.0 | 10.9 | |
| 108 Benzo[a]pyrene | 252 | 11.528 | 11.528 | 0.000 | 97 | 1816837 | 10.0 | 10.9 | |
| * 109 Perylene-d12 | 264 | 11.595 | 11.595 | 0.000 | 99 | 1356554 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.832 | 12.832 | 0.000 | 99 | 1853915 | 10.0 | 10.7 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.877 | 12.877 | 0.000 | 98 | 1825418 | 10.0 | 10.5 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.136 | 13.136 | 0.000 | 98 | 1748470 | 10.0 | 10.2 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

SV_BNAL7_LVI_00009 Amount Added: 1.00 Units: mL

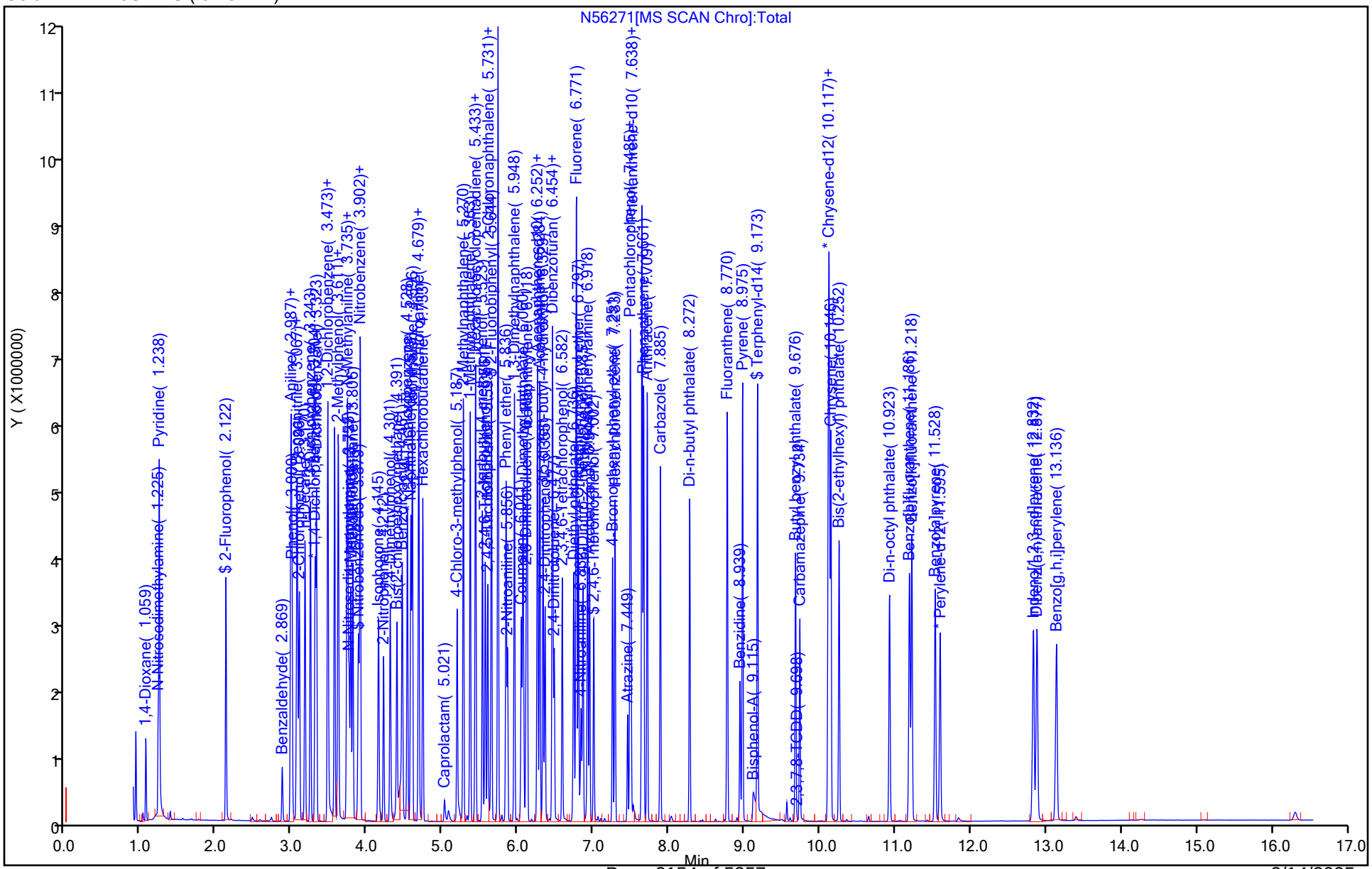
Report Date: 07-Feb-2025 12:27:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56271.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 11:23:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1019460/11  Calibration Date: 02/04/2025 08:54

Instrument ID: CBNAMS5  Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 02/04/2025 08:34

Lab File ID: X61924.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5170 | 0.5250 | | 50800 | 50000 | 1.5 | 30.0 |
| N-Nitrosodimethylamine | Ave | 0.7881 | 0.8251 | | 52300 | 50000 | 4.7 | 30.0 |
| Pyridine | Ave | 1.244 | 1.320 | | 106000 | 100000 | 6.2 | 30.0 |
| Benzaldehyde | Ave | 1.104 | 0.5995 | 0.0100 | 10900 | 20000 | -45.7* | 30.0 |
| Phenol | Ave | 1.717 | 1.808 | 0.8000 | 52700 | 50000 | 5.3 | 30.0 |
| Aniline | Ave | 1.744 | 1.925 | | 55200 | 50000 | 10.4 | 30.0 |
| Bis(2-chloroethyl)ether | Ave | 1.281 | 1.319 | 0.7000 | 51500 | 50000 | 3.0 | 30.0 |
| 2-Chlorophenol | Ave | 1.340 | 1.395 | 0.8000 | 52100 | 50000 | 4.2 | 30.0 |
| n-Decane | Ave | 1.465 | 1.509 | | 51500 | 50000 | 3.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.487 | 1.543 | | 51900 | 50000 | 3.7 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.488 | 1.539 | | 51700 | 50000 | 3.5 | 30.0 |
| Benzyl alcohol | Ave | 0.8546 | 0.8884 | | 52000 | 50000 | 4.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 1.429 | 1.482 | | 51900 | 50000 | 3.7 | 30.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.840 | 1.868 | 0.0100 | 50800 | 50000 | 1.5 | 30.0 |
| 2-Methylphenol | Ave | 1.136 | 1.171 | 0.7000 | 51500 | 50000 | 3.0 | 30.0 |
| N-Methylaniline | Ave | 1.987 | 2.019 | | 50800 | 50000 | 1.7 | 30.0 |
| Acetophenone | Ave | 1.850 | 1.917 | 0.0100 | 51800 | 50000 | 3.7 | 30.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.8592 | 0.9334 | 0.5000 | 54300 | 50000 | 8.6 | 30.0 |
| 3 & 4 Methylphenol | Ave | 1.238 | 1.286 | | 52000 | 50000 | 3.9 | 30.0 |
| 4-Methylphenol | Ave | 1.238 | 1.286 | 0.6000 | 52000 | 50000 | 3.9 | 30.0 |
| Hexachloroethane | Ave | 0.5621 | 0.5827 | 0.3000 | 51800 | 50000 | 3.7 | 30.0 |
| Nitrobenzene | Ave | 0.6249 | 0.6735 | 0.2000 | 53900 | 50000 | 7.8 | 30.0 |
| n,n'-Dimethylaniline | Ave | 1.989 | 2.019 | | 50700 | 50000 | 1.5 | 30.0 |
| Isophorone | Ave | 0.6505 | 0.6941 | 0.4000 | 53300 | 50000 | 6.7 | 30.0 |
| 2-Nitrophenol | Ave | 0.1892 | 0.2002 | 0.1000 | 52900 | 50000 | 5.8 | 30.0 |
| 2,4-Dimethylphenol | Ave | 0.2527 | 0.2694 | 0.2000 | 53300 | 50000 | 6.6 | 30.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4153 | 0.4354 | 0.3000 | 52400 | 50000 | 4.8 | 30.0 |
| 2,4-Dichlorophenol | Ave | 0.2834 | 0.3051 | 0.2000 | 53800 | 50000 | 7.7 | 30.0 |
| Benzoic acid | Ave | 0.2018 | 0.2110 | | 52300 | 50000 | 4.6 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3310 | 0.3498 | | 52800 | 50000 | 5.7 | 30.0 |
| Naphthalene | Ave | 1.011 | 1.042 | 0.7000 | 51500 | 50000 | 3.1 | 30.0 |
| 4-Chloroaniline | Ave | 0.3946 | 0.4230 | 0.0100 | 53600 | 50000 | 7.2 | 30.0 |
| Hexachlorobutadiene | Ave | 0.2005 | 0.2087 | 0.0100 | 52000 | 50000 | 4.1 | 30.0 |
| Caprolactam | Ave | 0.1520 | 0.1740 | 0.0100 | 22900 | 20000 | 14.5 | 30.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2793 | 0.2986 | 0.2000 | 53500 | 50000 | 6.9 | 30.0 |
| 2-Methylnaphthalene | Ave | 0.6750 | 0.7130 | 0.4000 | 52800 | 50000 | 5.6 | 30.0 |
| 1-Methylnaphthalene | Ave | 0.6125 | 0.6437 | | 52500 | 50000 | 5.1 | 30.0 |
| Hexachlorocyclopentadiene | Ave | 0.3289 | 0.3551 | 0.0500 | 54000 | 50000 | 8.0 | 30.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6392 | 0.6799 | 0.0100 | 53200 | 50000 | 6.4 | 30.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4041 | 0.4151 | | 51400 | 50000 | 2.7 | 30.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3982 | 0.4326 | 0.2000 | 54300 | 50000 | 8.6 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1019460/11  Calibration Date: 02/04/2025 08:54

Instrument ID: CBNAMS5  Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 02/04/2025 08:34

Lab File ID: X61924.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4357 | 0.4595 | 0.2000 | 52700 | 50000 | 5.5 | 30.0 |
| 1,1'-Biphenyl | Ave | 1.546 | 1.648 | 0.0100 | 53300 | 50000 | 6.6 | 30.0 |
| 2-Chloronaphthalene | Ave | 1.200 | 1.256 | 0.8000 | 52300 | 50000 | 4.7 | 30.0 |
| Phenyl ether | Ave | 0.8722 | 0.8969 | | 51400 | 50000 | 2.8 | 30.0 |
| 2-Nitroaniline | Ave | 0.3553 | 0.3766 | 0.0100 | 53000 | 50000 | 6.0 | 30.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9811 | 1.002 | | 51100 | 50000 | 2.2 | 30.0 |
| Dimethyl phthalate | Ave | 1.345 | 1.426 | 0.0100 | 53000 | 50000 | 6.0 | 30.0 |
| Coumarin | Ave | 0.2348 | 0.2400 | | 51100 | 50000 | 2.2 | 30.0 |
| 2,6-Dinitrotoluene | Ave | 0.2947 | 0.3248 | 0.2000 | 55100 | 50000 | 10.2 | 30.0 |
| Acenaphthylene | Ave | 1.798 | 1.882 | 0.6000 | 52300 | 50000 | 4.6 | 30.0 |
| 3-Nitroaniline | Ave | 0.3344 | 0.3545 | 0.0100 | 53000 | 50000 | 6.0 | 30.0 |
| Acenaphthene | Ave | 1.091 | 1.131 | 0.9000 | 51800 | 50000 | 3.7 | 30.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.8882 | 0.9792 | | 55100 | 50000 | 10.2 | 30.0 |
| 2,4-Dinitrophenol | Lin2 | | 0.2052 | 0.0100 | 102000 | 100000 | 2.4 | 30.0 |
| 4-Nitrophenol | Ave | 0.2437 | 0.2667 | 0.0100 | 109000 | 100000 | 9.5 | 30.0 |
| Dibenzofuran | Ave | 1.687 | 1.769 | 0.8000 | 52400 | 50000 | 4.9 | 30.0 |
| 2,4-Dinitrotoluene | Ave | 0.3963 | 0.4325 | 0.2000 | 54600 | 50000 | 9.1 | 30.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3601 | 0.3825 | 0.0100 | 53100 | 50000 | 6.2 | 30.0 |
| Diethyl phthalate | Ave | 1.334 | 1.393 | 0.0100 | 52200 | 50000 | 4.4 | 30.0 |
| Fluorene | Ave | 1.327 | 1.397 | 0.9000 | 52600 | 50000 | 5.3 | 30.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6641 | 0.7029 | 0.4000 | 52900 | 50000 | 5.8 | 30.0 |
| 4-Nitroaniline | Ave | 0.3198 | 0.3464 | 0.0100 | 54200 | 50000 | 8.3 | 30.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1284 | 0.1457 | 0.0100 | 113000 | 100000 | 13.5 | 30.0 |
| N-Nitrosodiphenylamine | Ave | 0.4991 | 0.5318 | 0.0100 | 53300 | 50000 | 6.5 | 30.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7009 | 0.7344 | | 52400 | 50000 | 4.8 | 30.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2242 | 0.2428 | 0.1000 | 54100 | 50000 | 8.3 | 30.0 |
| Hexachlorobenzene | Ave | 0.2837 | 0.3023 | 0.1000 | 53300 | 50000 | 6.5 | 30.0 |
| Atrazine | Ave | 0.1891 | 0.2077 | 0.0100 | 22000 | 20000 | 9.8 | 30.0 |
| Pentachlorophenol | Ave | 0.1674 | 0.1875 | 0.0500 | 112000 | 100000 | 12.0 | 30.0 |
| Pentachloronitrobenzene | Ave | 0.0962 | 0.0977 | 0.0100 | 50800 | 50000 | 1.7 | 30.0 |
| n-Octadecane | Ave | 0.4806 | 0.5149 | | 53600 | 50000 | 7.1 | 30.0 |
| Phenanthrene | Ave | 0.996 | 1.036 | 0.7000 | 52000 | 50000 | 4.0 | 30.0 |
| Anthracene | Ave | 1.028 | 1.076 | 0.7000 | 52300 | 50000 | 4.7 | 30.0 |
| Carbazole | Ave | 0.9231 | 0.9837 | 0.0100 | 53300 | 50000 | 6.6 | 30.0 |
| Di-n-butyl phthalate | Ave | 1.151 | 1.265 | 0.0100 | 55000 | 50000 | 10.0 | 30.0 |
| Fluoranthene | Ave | 1.129 | 1.198 | 0.6000 | 53000 | 50000 | 6.1 | 30.0 |
| Benzidine | Ave | 0.3964 | 0.4495 | | 56700 | 50000 | 13.4 | 30.0 |
| Pyrene | Ave | 1.319 | 1.383 | 0.6000 | 52400 | 50000 | 4.8 | 30.0 |
| Bisphenol-A | Ave | 0.5688 | 0.5848 | | 51400 | 50000 | 2.8 | 30.0 |
| Butyl benzyl phthalate | Ave | 0.5741 | 0.6242 | 0.0100 | 54400 | 50000 | 8.7 | 30.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1019460/11  Calibration Date: 02/04/2025 08:54

Instrument ID: CBNAMS5  Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 02/04/2025 08:34

Lab File ID: X61924.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbamazepine | Ave | 0.4939 | 0.5438 | | 55000 | 50000 | 10.1 | 30.0 |
| 3,3'-Dichlorobenzidine | Ave | 0.5103 | 0.5682 | 0.0100 | 55700 | 50000 | 11.3 | 30.0 |
| Benzo[a]anthracene | Ave | 1.310 | 1.391 | 0.8000 | 53100 | 50000 | 6.1 | 30.0 |
| Chrysene | Ave | 1.270 | 1.308 | 0.7000 | 51500 | 50000 | 2.9 | 30.0 |
| Bis(2-ethylhexyl) phthalate | Ave | 0.8308 | 0.8890 | 0.0100 | 53500 | 50000 | 7.0 | 30.0 |
| Di-n-octyl phthalate | Ave | 1.185 | 1.300 | 0.0100 | 54800 | 50000 | 9.7 | 30.0 |
| Benzo[b]fluoranthene | Ave | 1.105 | 1.266 | | 57300 | 50000 | 14.6 | 30.0 |
| Benzo[k]fluoranthene | Ave | 1.182 | 1.211 | 0.7000 | 51200 | 50000 | 2.5 | 30.0 |
| Benzo[a]pyrene | Ave | 1.013 | 1.127 | 0.7000 | 55700 | 50000 | 11.3 | 30.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.343 | 1.506 | 0.5000 | 56100 | 50000 | 12.2 | 30.0 |
| Dibenz(a,h)anthracene | Ave | 1.111 | 1.234 | 0.4000 | 55500 | 50000 | 11.0 | 30.0 |
| Benzo[g,h,i]perylene | Ave | 1.011 | 1.127 | 0.5000 | 55700 | 50000 | 11.5 | 30.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61924.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 04-Feb-2025 08:54:30 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-011
Operator ID: Instrument ID: CBNAMS5
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 09:15:03 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1638

First Level Reviewer: G4KC Date: 04-Feb-2025 09:15:14

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1,4-Dioxane | 88 | 1.114 | 1.114 | 0.000 | 95 | 110770 | 50.0 | 50.8 | |
| 2 | N-Nitrosodimethylamine | 74 | 1.264 | 1.267 | -0.003 | 90 | 174101 | 50.0 | 52.3 | |
| 3 | Pyridine | 79 | 1.290 | 1.293 | -0.003 | 93 | 557187 | 100.0 | 106.2 | |
| 5 | Benzaldehyde | 77 | 2.700 | 2.700 | 0.000 | 93 | 50597 | 20.0 | 10.9 | |
| 7 | Phenol | 94 | 2.786 | 2.786 | 0.000 | 86 | 381577 | 50.0 | 52.7 | |
| 8 | Aniline | 93 | 2.789 | 2.789 | 0.000 | 82 | 406201 | 50.0 | 55.2 | |
| 9 | Bis(2-chloroethyl)ether | 93 | 2.840 | 2.840 | 0.000 | 93 | 278315 | 50.0 | 51.5 | |
| 11 | 2-Chlorophenol | 128 | 2.888 | 2.885 | 0.003 | 91 | 294432 | 50.0 | 52.1 | |
| 12 | n-Decane | 43 | 2.933 | 2.933 | 0.000 | 91 | 318441 | 50.0 | 51.5 | |
| 13 | 1,3-Dichlorobenzene | 146 | 3.006 | 3.006 | 0.000 | 95 | 325596 | 50.0 | 51.9 | |
| * 14 | 1,4-Dichlorobenzene-d4 | 152 | 3.051 | 3.051 | 0.000 | 95 | 168807 | 40.0 | 40.0 | |
| 15 | 1,4-Dichlorobenzene | 146 | 3.067 | 3.067 | 0.000 | 94 | 324839 | 50.0 | 51.7 | |
| 16 | Benzyl alcohol | 108 | 3.185 | 3.182 | 0.003 | 91 | 187470 | 50.0 | 52.0 | |
| 17 | 1,2-Dichlorobenzene | 146 | 3.195 | 3.195 | 0.000 | 96 | 312634 | 50.0 | 51.9 | |
| 18 | 2-Methylphenol | 108 | 3.291 | 3.288 | 0.004 | 79 | 247092 | 50.0 | 51.5 | |
| 19 | 2,2'-oxybis[1-chloropropane] | 45 | 3.291 | 3.288 | 0.004 | 87 | 394222 | 50.0 | 50.8 | |
| 20 | N-Methylaniline | 106 | 3.396 | 3.396 | 0.000 | 96 | 426097 | 50.0 | 50.8 | a |
| 21 | Acetophenone | 105 | 3.409 | 3.409 | 0.000 | 84 | 404605 | 50.0 | 51.8 | |
| 22 | N-Nitrosodi-n-propylamine | 70 | 3.415 | 3.415 | 0.000 | 85 | 196954 | 50.0 | 54.3 | |
| 24 | 4-Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 46 | 271412 | 50.0 | 52.0 | a |
| 23 | 3 & 4 Methylphenol | 108 | 3.428 | 3.428 | 0.000 | 50 | 271412 | 50.0 | 52.0 | |
| 25 | Hexachloroethane | 117 | 3.483 | 3.482 | 0.000 | 92 | 122945 | 50.0 | 51.8 | |
| 28 | Nitrobenzene | 123 | 3.553 | 3.556 | -0.003 | 93 | 142111 | 50.0 | 53.9 | |
| 27 | n,n'-Dimethylaniline | 120 | 3.559 | 3.559 | 0.000 | 90 | 426004 | 50.0 | 50.7 | |
| 31 | Isophorone | 82 | 3.780 | 3.776 | 0.004 | 97 | 554098 | 50.0 | 53.3 | |
| 32 | 2-Nitrophenol | 139 | 3.834 | 3.834 | 0.000 | 93 | 159813 | 50.0 | 52.9 | |
| 33 | 2,4-Dimethylphenol | 122 | 3.898 | 3.898 | 0.000 | 90 | 215093 | 50.0 | 53.3 | |
| 34 | Bis(2-chloroethoxy)methane | 93 | 3.971 | 3.968 | 0.003 | 99 | 347595 | 50.0 | 52.4 | |
| 35 | Benzoic acid | 122 | 4.057 | 4.051 | 0.006 | 27 | 168450 | 50.0 | 52.3 | |
| 36 | 2,4-Dichlorophenol | 162 | 4.057 | 4.057 | 0.000 | 96 | 243588 | 50.0 | 53.8 | |
| 37 | 1,2,4-Trichlorobenzene | 180 | 4.121 | 4.121 | 0.000 | 94 | 279294 | 50.0 | 52.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| * 38 Naphthalene-d8 | 136 | 4.166 | 4.166 | 0.000 | 99 | 638669 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.185 | 4.185 | 0.000 | 98 | 832215 | 50.0 | 51.5 | |
| 40 4-Chloroaniline | 127 | 4.249 | 4.249 | 0.000 | 92 | 337733 | 50.0 | 53.6 | |
| 130 2,6-Dichlorophenol | 162 | 4.253 | 4.253 | 0.001 | 87 | 233055 | 50.0 | 52.4 | |
| 41 Hexachlorobutadiene | 225 | 4.307 | 4.307 | 0.000 | 97 | 166580 | 50.0 | 52.0 | |
| 42 Caprolactam | 55 | 4.671 | 4.671 | 0.007 | 90 | 55558 | 20.0 | 22.9 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.703 | 4.703 | 0.000 | 89 | 238408 | 50.0 | 53.5 | |
| 44 2-Methylnaphthalene | 142 | 4.802 | 4.802 | 0.000 | 82 | 569200 | 50.0 | 52.8 | |
| 45 1-Methylnaphthalene | 142 | 4.888 | 4.885 | 0.003 | 89 | 513855 | 50.0 | 52.5 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.946 | 4.946 | 0.000 | 88 | 145717 | 50.0 | 54.0 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.955 | 4.955 | 0.000 | 98 | 278998 | 50.0 | 53.2 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.007 | 5.007 | 0.001 | 90 | 331386 | 50.0 | 51.4 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.064 | 5.064 | 0.000 | 91 | 177503 | 50.0 | 54.3 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.099 | 5.099 | 0.000 | 97 | 188563 | 50.0 | 52.7 | |
| 52 1,1'-Biphenyl | 154 | 5.218 | 5.218 | 0.000 | 96 | 676329 | 50.0 | 53.3 | |
| 53 2-Chloronaphthalene | 162 | 5.227 | 5.227 | 0.000 | 96 | 515474 | 50.0 | 52.3 | |
| 54 Phenyl ether | 170 | 5.310 | 5.310 | 0.000 | 82 | 368036 | 50.0 | 51.4 | |
| 56 2-Nitroaniline | 65 | 5.336 | 5.336 | 0.000 | 82 | 154519 | 50.0 | 53.0 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.426 | 5.426 | 0.001 | 91 | 411345 | 50.0 | 51.1 | |
| 58 Dimethyl phthalate | 163 | 5.512 | 5.509 | 0.003 | 98 | 585032 | 50.0 | 53.0 | |
| 59 Coumarin | 146 | 5.515 | 5.515 | 0.000 | 81 | 191578 | 50.0 | 51.1 | |
| 60 2,6-Dinitrotoluene | 165 | 5.554 | 5.554 | 0.001 | 69 | 133253 | 50.0 | 55.1 | |
| 61 Acenaphthylene | 152 | 5.589 | 5.589 | 0.000 | 93 | 772057 | 50.0 | 52.3 | |
| 64 3-Nitroaniline | 138 | 5.704 | 5.704 | 0.000 | 94 | 145467 | 50.0 | 53.0 | |
| * 65 Acenaphthene-d10 | 164 | 5.713 | 5.713 | 0.000 | 96 | 328259 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.745 | 5.745 | 0.000 | 94 | 464124 | 50.0 | 51.8 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.755 | 5.755 | 0.000 | 96 | 401777 | 50.0 | 55.1 | |
| 68 2,4-Dinitrophenol | 184 | 5.800 | 5.800 | 0.000 | 97 | 168377 | 100.0 | 102.4 | |
| 69 4-Nitrophenol | 65 | 5.889 | 5.889 | 0.000 | 79 | 218898 | 100.0 | 109.5 | |
| 71 Dibenzofuran | 168 | 5.899 | 5.899 | 0.000 | 91 | 725705 | 50.0 | 52.4 | |
| 70 2,4-Dinitrotoluene | 165 | 5.912 | 5.912 | 0.000 | 71 | 177478 | 50.0 | 54.6 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.021 | 6.021 | 0.001 | 95 | 156967 | 50.0 | 53.1 | |
| 73 Diethyl phthalate | 149 | 6.126 | 6.126 | 0.000 | 98 | 571466 | 50.0 | 52.2 | |
| 75 Fluorene | 166 | 6.197 | 6.200 | -0.003 | 83 | 573256 | 50.0 | 52.6 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.203 | 6.203 | 0.000 | 84 | 288427 | 50.0 | 52.9 | |
| 76 4-Nitroaniline | 138 | 6.251 | 6.251 | 0.000 | 91 | 142139 | 50.0 | 54.2 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.277 | 6.274 | 0.001 | 80 | 231424 | 100.0 | 113.5 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.315 | 6.312 | 0.000 | 98 | 422278 | 50.0 | 53.3 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.344 | 6.341 | 0.000 | 99 | 583201 | 50.0 | 52.4 | |
| 131 Azobenzene | 77 | 6.344 | 6.341 | 0.000 | 0 | 583088 | 50.0 | 52.4 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.628 | 6.628 | -0.003 | 93 | 192789 | 50.0 | 54.1 | |
| 83 Hexachlorobenzene | 284 | 6.686 | 6.686 | -0.003 | 94 | 240057 | 50.0 | 53.3 | |
| 84 Atrazine | 200 | 6.798 | 6.795 | 0.000 | 91 | 65970 | 20.0 | 22.0 | |
| 85 Pentachlorophenol | 266 | 6.868 | 6.868 | -0.003 | 90 | 297828 | 100.0 | 112.0 | |
| 86 Pentachloronitrobenzene | 237 | 6.875 | 6.875 | -0.003 | 58 | 77624 | 50.0 | 50.8 | |
| 87 n-Octadecane | 57 | 6.958 | 6.958 | -0.003 | 91 | 408919 | 50.0 | 53.6 | |
| * 88 Phenanthrene-d10 | 188 | 7.015 | 7.019 | -0.004 | 98 | 635300 | 40.0 | 40.0 | |
| 89 Phenanthrene | 178 | 7.038 | 7.038 | -0.003 | 97 | 822952 | 50.0 | 52.0 | |
| 90 Anthracene | 178 | 7.083 | 7.083 | -0.003 | 97 | 854296 | 50.0 | 52.3 | |
| 91 Carbazole | 167 | 7.233 | 7.233 | -0.003 | 82 | 781160 | 50.0 | 53.3 | |
| 92 Di-n-butyl phthalate | 149 | 7.556 | 7.555 | -0.003 | 100 | 1004648 | 50.0 | 55.0 | |
| 93 Fluoranthene | 202 | 8.083 | 8.082 | -0.003 | 97 | 951001 | 50.0 | 53.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 94 Benzidine | 184 | 8.210 | 8.211 | -0.007 | 99 | 356963 | 50.0 | 56.7 | |
| 95 Pyrene | 202 | 8.278 | 8.278 | -0.006 | 96 | 978542 | 50.0 | 52.4 | |
| 82 Bisphenol-A | 213 | 8.348 | 8.345 | -0.003 | 99 | 413858 | 50.0 | 51.4 | |
| 97 Butyl benzyl phthalate | 149 | 8.875 | 8.875 | -0.007 | 96 | 441735 | 50.0 | 54.4 | |
| 99 Carbamazepine | 193 | 8.974 | 8.971 | -0.004 | 91 | 384836 | 50.0 | 55.0 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.364 | 9.364 | -0.007 | 98 | 402113 | 50.0 | 55.7 | |
| 101 Benzo[a]anthracene | 228 | 9.377 | 9.377 | -0.007 | 99 | 984314 | 50.0 | 53.1 | |
| * 102 Chrysene-d12 | 240 | 9.390 | 9.396 | -0.006 | 98 | 566182 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.415 | 9.415 | -0.007 | 95 | 925456 | 50.0 | 51.5 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.438 | 9.438 | -0.007 | 85 | 629137 | 50.0 | 53.5 | |
| 105 Di-n-octyl phthalate | 149 | 10.089 | 10.093 | -0.011 | 96 | 1094698 | 50.0 | 54.8 | |
| 106 Benzo[b]fluoranthene | 252 | 10.454 | 10.454 | -0.007 | 95 | 1066401 | 50.0 | 57.3 | |
| 107 Benzo[k]fluoranthene | 252 | 10.482 | 10.483 | -0.007 | 95 | 1020060 | 50.0 | 51.2 | |
| 108 Benzo[a]pyrene | 252 | 10.780 | 10.780 | -0.007 | 96 | 949789 | 50.0 | 55.7 | |
| * 109 Perylene-d12 | 264 | 10.834 | 10.841 | -0.007 | 98 | 673909 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.952 | 11.952 | -0.007 | 95 | 1268868 | 50.0 | 56.1 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.971 | 11.971 | -0.008 | 94 | 1039253 | 50.0 | 55.5 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.259 | 12.262 | -0.011 | 94 | 949112 | 50.0 | 55.7 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

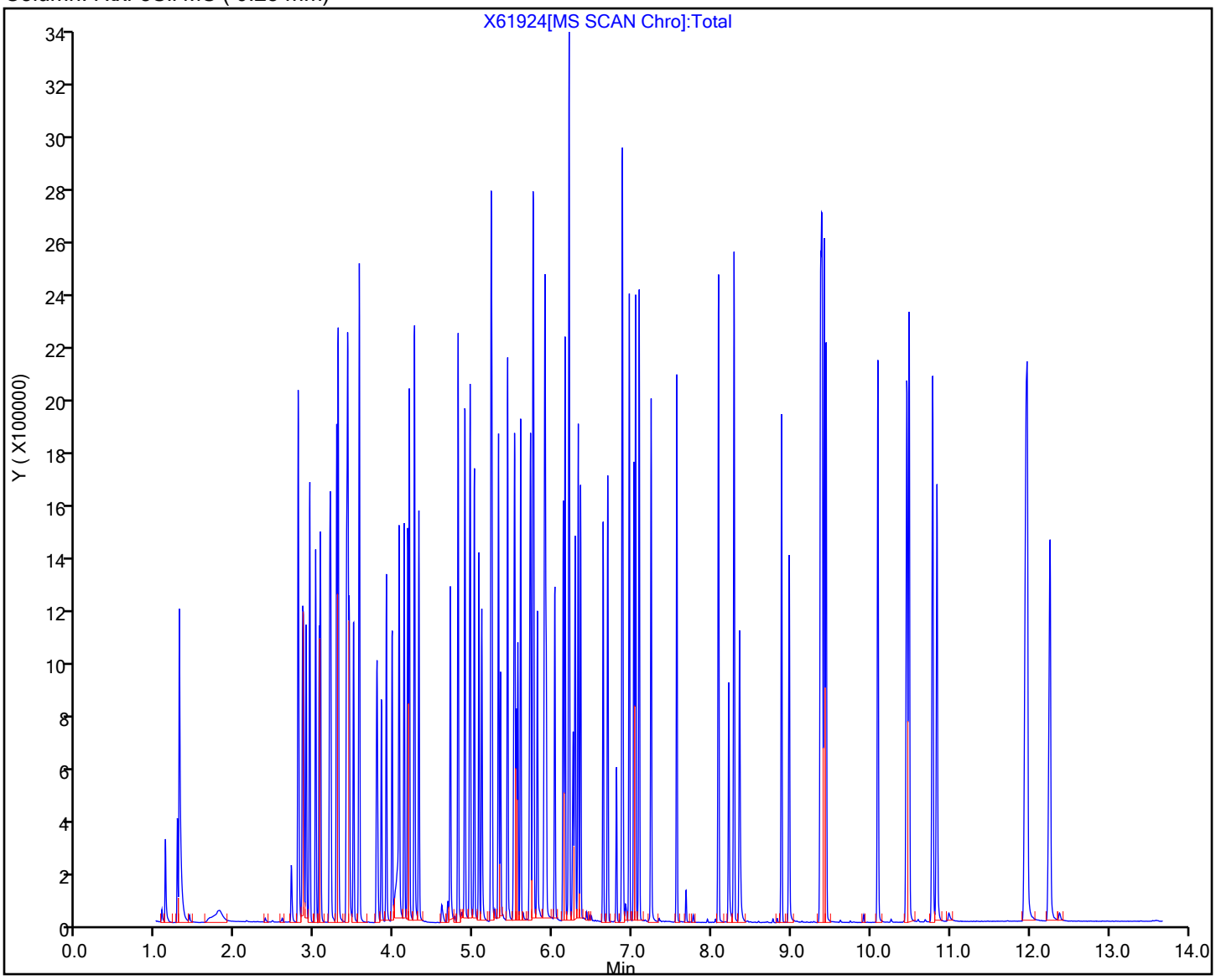
## Reagents:

SV_BNA_ICV_00012 Amount Added: 1.00 Units: mL

Report Date: 04-Feb-2025 09:15:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61924.d
Injection Date: 04-Feb-2025 08:54:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

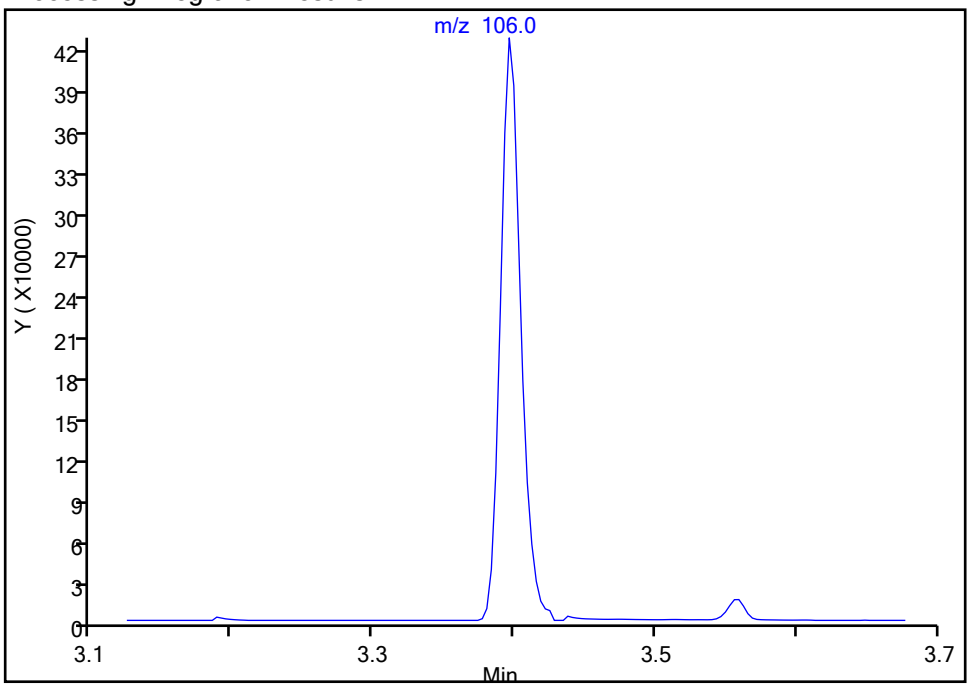
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61924.d | | | | |
| Injection Date: | 04-Feb-2025 08:54:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | ICV | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

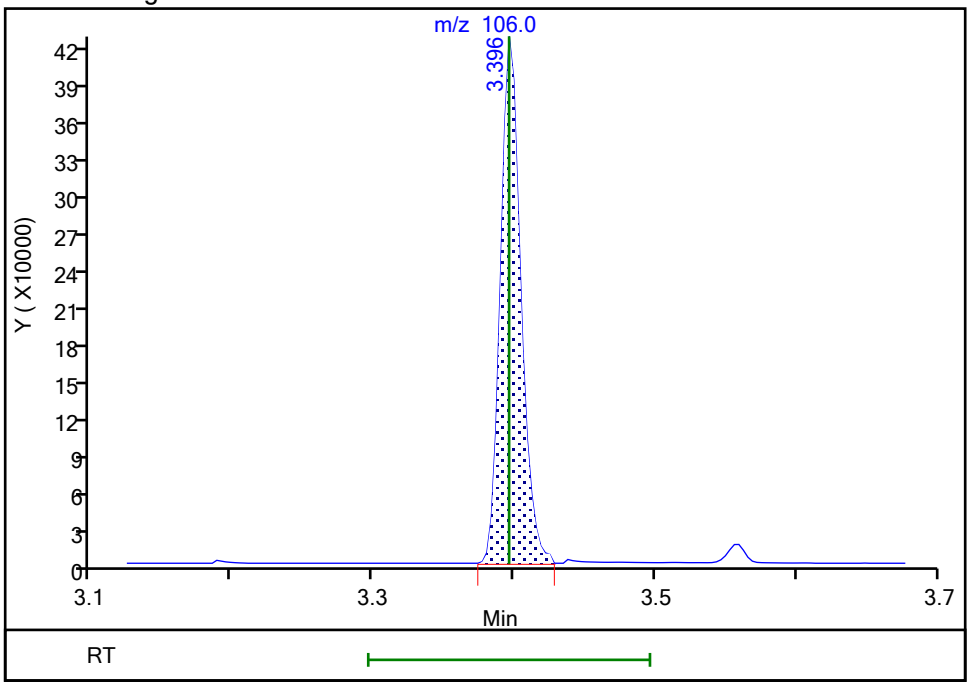
Not Detected
Expected RT: 3.40

Processing Integration Results




RT: 3.40
Area: 426097
Amount: 50.826041
Amount Units: ug/ml

Manual Integration Results




Reviewer: G4KC, 04-Feb-2025 09:11:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

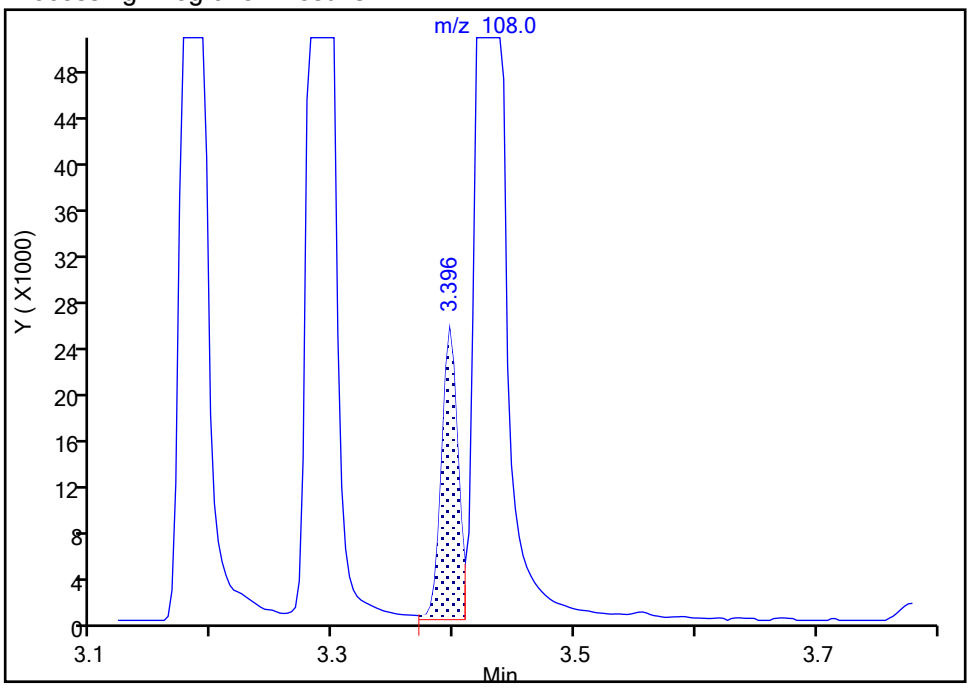
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61924.d
Injection Date: 04-Feb-2025 08:54:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

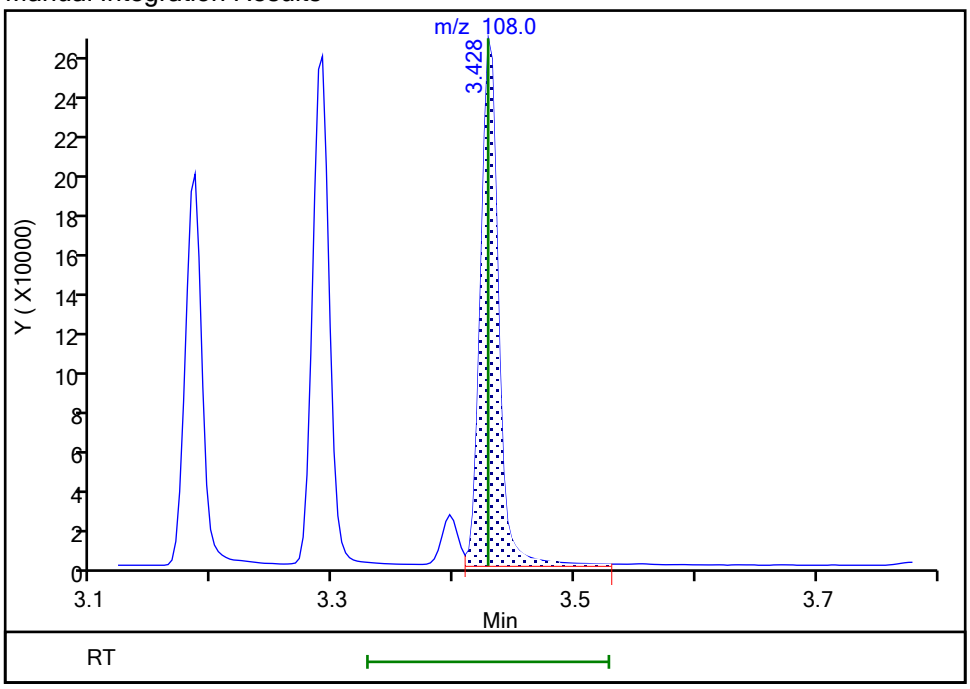
Processing Integration Results

RT: 3.40
Area: 24233
Amount: 4.639948
Amount Units: ug/ml




Manual Integration Results

RT: 3.43
Area: 271412
Amount: 51.967873
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 09:11:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

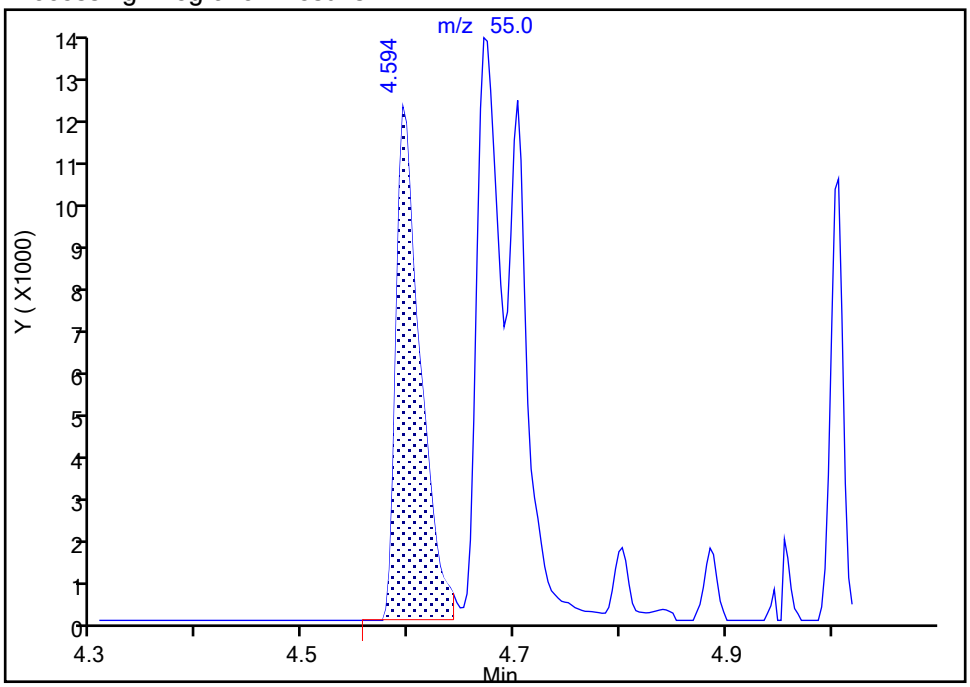
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61924.d
Injection Date: 04-Feb-2025 08:54:30 Instrument ID: CBNAMS5
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

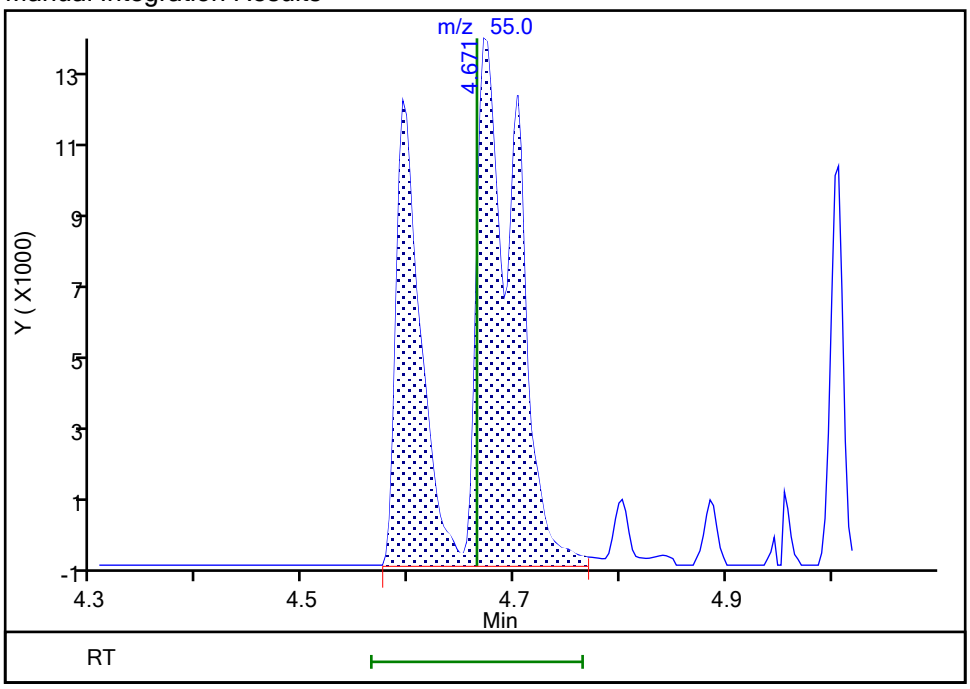
Processing Integration Results

RT: 4.59
Area: 19524
Amount: 8.047300
Amount Units: ug/ml




Manual Integration Results

RT: 4.67
Area: 55558
Amount: 22.899605
Amount Units: ug/ml




Reviewer: G4KC, 04-Feb-2025 09:10:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020312/2  Calibration Date: 02/08/2025 14:20

Instrument ID: CBNAMS5  Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS  ID: 0.25(mm)  Calib End Date: 02/04/2025 08:34

Lab File ID: X62073.d  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5170 | 0.5084 | | 49200 | 50000 | -1.7 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.7881 | 0.7847 | | 49800 | 50000 | -0.4 | 20.0 |
| Pyridine | Ave | 1.244 | 1.197 | | 96300 | 100000 | -3.7 | 20.0 |
| Benzaldehyde | Ave | 1.104 | 0.6206 | 0.0100 | 11200 | 20000 | -43.8* | 20.0 |
| Aniline | Ave | 1.744 | 1.813 | | 52000 | 50000 | 4.0 | 20.0 |
| Phenol | Ave | 1.717 | 1.734 | 0.8000 | 50500 | 50000 | 1.0 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.281 | 1.284 | 0.7000 | 50100 | 50000 | 0.3 | 20.0 |
| 2-Chlorophenol | Ave | 1.340 | 1.365 | 0.8000 | 51000 | 50000 | 1.9 | 20.0 |
| n-Decane | Ave | 1.465 | 1.468 | | 50100 | 50000 | 0.2 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.487 | 1.504 | | 50600 | 50000 | 1.1 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.488 | 1.498 | | 50300 | 50000 | 0.7 | 20.0 |
| Benzyl alcohol | Ave | 0.8546 | 0.8615 | | 50400 | 50000 | 0.8 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.429 | 1.433 | | 50200 | 50000 | 0.3 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.840 | 1.824 | 0.0100 | 49500 | 50000 | -0.9 | 20.0 |
| 2-Methylphenol | Ave | 1.136 | 1.153 | 0.7000 | 50700 | 50000 | 1.4 | 20.0 |
| N-Methylaniline | Ave | 1.987 | 2.011 | | 50600 | 50000 | 1.2 | 20.0 |
| Acetophenone | Ave | 1.850 | 1.845 | 0.0100 | 49900 | 50000 | -0.2 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.8592 | 0.9171 | 0.5000 | 53400 | 50000 | 6.7 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.238 | 1.251 | | 50500 | 50000 | 1.1 | 20.0 |
| 4-Methylphenol | Ave | 1.238 | 1.251 | 0.6000 | 50500 | 50000 | 1.1 | 20.0 |
| Hexachloroethane | Ave | 0.5621 | 0.5692 | 0.3000 | 50600 | 50000 | 1.3 | 20.0 |
| n,n'-Dimethylaniline | Ave | 1.989 | 2.016 | | 50700 | 50000 | 1.4 | 20.0 |
| Nitrobenzene | Ave | 0.6249 | 0.6585 | 0.2000 | 52700 | 50000 | 5.4 | 20.0 |
| Isophorone | Ave | 0.6505 | 0.6689 | 0.4000 | 51400 | 50000 | 2.8 | 20.0 |
| 2-Nitrophenol | Ave | 0.1892 | 0.1932 | 0.1000 | 51100 | 50000 | 2.1 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.2527 | 0.2481 | 0.2000 | 49100 | 50000 | -1.8 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4153 | 0.4254 | 0.3000 | 51200 | 50000 | 2.4 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2834 | 0.2935 | 0.2000 | 51800 | 50000 | 3.6 | 20.0 |
| Benzoic acid | Ave | 0.2018 | 0.2084 | | 51600 | 50000 | 3.3 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3310 | 0.3311 | | 50000 | 50000 | 0.0 | 20.0 |
| Naphthalene | Ave | 1.011 | 1.008 | 0.7000 | 49800 | 50000 | -0.3 | 20.0 |
| 4-Chloroaniline | Ave | 0.3946 | 0.4080 | 0.0100 | 51700 | 50000 | 3.4 | 20.0 |
| Hexachlorobutadiene | Ave | 0.2005 | 0.2009 | 0.0100 | 50100 | 50000 | 0.2 | 20.0 |
| Caprolactam | Ave | 0.1520 | 0.1853 | 0.0100 | 24400 | 20000 | 21.9* | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2793 | 0.2871 | 0.2000 | 51400 | 50000 | 2.8 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6750 | 0.6877 | 0.4000 | 50900 | 50000 | 1.9 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6125 | 0.6225 | | 50800 | 50000 | 1.6 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.3289 | 0.3120 | 0.0500 | 47400 | 50000 | -5.1 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6392 | 0.6378 | 0.0100 | 49900 | 50000 | -0.2 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4041 | 0.4124 | | 51000 | 50000 | 2.0 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3982 | 0.4165 | 0.2000 | 52300 | 50000 | 4.6 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020312/2 Calibration Date: 02/08/2025 14:20

Instrument ID: CBNAMS5 Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/04/2025 08:34

Lab File ID: X62073.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4357 | 0.4517 | 0.2000 | 51800 | 50000 | 3.7 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.546 | 1.591 | 0.0100 | 51400 | 50000 | 2.9 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.200 | 1.223 | 0.8000 | 50900 | 50000 | 1.9 | 20.0 |
| Phenyl ether | Ave | 0.8722 | 0.8580 | | 49200 | 50000 | -1.6 | 20.0 |
| 2-Nitroaniline | Ave | 0.3553 | 0.3601 | 0.0100 | 50700 | 50000 | 1.4 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9811 | 0.9809 | | 50000 | 50000 | -0.0 | 20.0 |
| Dimethyl phthalate | Ave | 1.345 | 1.371 | 0.0100 | 51000 | 50000 | 1.9 | 20.0 |
| Coumarin | Ave | 0.2348 | 0.2374 | | 50600 | 50000 | 1.1 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2947 | 0.3111 | 0.2000 | 52800 | 50000 | 5.5 | 20.0 |
| Acenaphthylene | Ave | 1.798 | 1.823 | 0.6000 | 50700 | 50000 | 1.4 | 20.0 |
| 3-Nitroaniline | Ave | 0.3344 | 0.3451 | 0.0100 | 51600 | 50000 | 3.2 | 20.0 |
| Acenaphthene | Ave | 1.091 | 1.092 | 0.9000 | 50100 | 50000 | 0.1 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.8882 | 0.9595 | | 54000 | 50000 | 8.0 | 20.0 |
| 2,4-Dinitrophenol | Lin2 | | 0.2065 | 0.0100 | 103000 | 100000 | 3.0 | 20.0 |
| 4-Nitrophenol | Ave | 0.2437 | 0.2318 | 0.0100 | 95100 | 100000 | -4.9 | 20.0 |
| Dibenzofuran | Ave | 1.687 | 1.687 | 0.8000 | 50000 | 50000 | 0.0 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3963 | 0.4177 | 0.2000 | 52700 | 50000 | 5.4 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3601 | 0.3695 | 0.0100 | 51300 | 50000 | 2.6 | 20.0 |
| Diethyl phthalate | Ave | 1.334 | 1.345 | 0.0100 | 50400 | 50000 | 0.8 | 20.0 |
| Fluorene | Ave | 1.327 | 1.361 | 0.9000 | 51300 | 50000 | 2.6 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6641 | 0.6758 | 0.4000 | 50900 | 50000 | 1.8 | 20.0 |
| 4-Nitroaniline | Ave | 0.3198 | 0.3109 | 0.0100 | 48600 | 50000 | -2.8 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1284 | 0.1429 | 0.0100 | 111000 | 100000 | 11.2 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.4991 | 0.5104 | 0.0100 | 51100 | 50000 | 2.3 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7009 | 0.6916 | | 49300 | 50000 | -1.3 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2242 | 0.2303 | 0.1000 | 51400 | 50000 | 2.7 | 20.0 |
| Hexachlorobenzene | Ave | 0.2837 | 0.2894 | 0.1000 | 51000 | 50000 | 2.0 | 20.0 |
| Atrazine | Ave | 0.1891 | 0.2155 | 0.0100 | 22800 | 20000 | 14.0 | 20.0 |
| Pentachlorophenol | Ave | 0.1674 | 0.1769 | 0.0500 | 106000 | 100000 | 5.7 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0962 | 0.0929 | 0.0100 | 48300 | 50000 | -3.4 | 20.0 |
| n-Octadecane | Ave | 0.4806 | 0.4984 | | 51800 | 50000 | 3.7 | 20.0 |
| Phenanthrene | Ave | 0.996 | 0.999 | 0.7000 | 50200 | 50000 | 0.3 | 20.0 |
| Anthracene | Ave | 1.028 | 1.037 | 0.7000 | 50500 | 50000 | 0.9 | 20.0 |
| Carbazole | Ave | 0.9231 | 0.9091 | 0.0100 | 49200 | 50000 | -1.5 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.151 | 1.198 | 0.0100 | 52100 | 50000 | 4.2 | 20.0 |
| Fluoranthene | Ave | 1.129 | 1.157 | 0.6000 | 51200 | 50000 | 2.5 | 20.0 |
| Benzidine | Ave | 0.3964 | 0.4205 | | 53000 | 50000 | 6.1 | 20.0 |
| Pyrene | Ave | 1.319 | 1.366 | 0.6000 | 51800 | 50000 | 3.6 | 20.0 |
| Bisphenol-A | Ave | 0.5688 | 0.5749 | | 50500 | 50000 | 1.1 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.5741 | 0.6046 | 0.0100 | 52600 | 50000 | 5.3 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020312/2 | Calibration Date: 02/08/2025 14:20

Instrument ID: CBNAMS5 | Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/04/2025 08:34

Lab File ID: X62073.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.2530 | 0.2745 | | 542 | 500 | 8.5 | 20.0 |
| Carbamazepine | Ave | 0.4939 | 0.5455 | | 55200 | 50000 | 10.4 | 20.0 |
| 3,3'-Dichlorobenzidine | Ave | 0.5103 | 0.5427 | 0.0100 | 53200 | 50000 | 6.3 | 20.0 |
| Benzo[a]anthracene | Ave | 1.310 | 1.359 | 0.8000 | 51800 | 50000 | 3.7 | 20.0 |
| Chrysene | Ave | 1.270 | 1.295 | 0.7000 | 51000 | 50000 | 2.0 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Ave | 0.8308 | 0.8685 | 0.0100 | 52300 | 50000 | 4.5 | 20.0 |
| Di-n-octyl phthalate | Ave | 1.185 | 1.257 | 0.0100 | 53100 | 50000 | 6.1 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.105 | 1.204 | | 54500 | 50000 | 9.0 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.182 | 1.204 | 0.7000 | 50900 | 50000 | 1.9 | 20.0 |
| Benzo[a]pyrene | Ave | 1.013 | 1.092 | 0.7000 | 53900 | 50000 | 7.8 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.343 | 1.463 | 0.5000 | 54500 | 50000 | 9.0 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.111 | 1.182 | 0.4000 | 53200 | 50000 | 6.4 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 1.011 | 1.113 | 0.5000 | 55000 | 50000 | 10.1 | 20.0 |
| 2-Fluorophenol (Surr) | Ave | 1.235 | 1.342 | | 54300 | 50000 | 8.6 | 20.0 |
| Phenol-d5 (Surr) | Ave | 1.607 | 1.723 | | 53600 | 50000 | 7.2 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.3841 | 0.3915 | | 51000 | 50000 | 1.9 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.502 | 1.509 | | 50200 | 50000 | 0.5 | 20.0 |
| 2,4,6-Tribromophenol (Surr) | Ave | 0.3239 | 0.3452 | | 53300 | 50000 | 6.6 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.189 | 1.264 | | 53200 | 50000 | 6.3 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Feb-2025 14:20:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:11:17 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: G4KC Date: 09-Feb-2025 13:11:17

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.101 | 1.101 | 0.000 | 94 | 95862 | 50.0 | 49.2 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.254 | 1.254 | 0.000 | 90 | 147973 | 50.0 | 49.8 | |
| | 3 Pyridine | 79 | 1.277 | 1.277 | 0.000 | 92 | 451521 | 100.0 | 96.3 | |
| $ | 4 2-Fluorophenol | 112 | 2.055 | 2.055 | 0.000 | 95 | 253043 | 50.0 | 54.3 | |
| | 5 Benzaldehyde | 77 | 2.690 | 2.690 | 0.000 | 93 | 46810 | 20.0 | 11.2 | |
| $ | 6 Phenol-d5 | 99 | 2.767 | 2.767 | 0.000 | 98 | 324960 | 50.0 | 53.6 | |
| | 7 Phenol | 94 | 2.780 | 2.780 | 0.000 | 85 | 326987 | 50.0 | 50.5 | |
| | 8 Aniline | 93 | 2.780 | 2.780 | 0.000 | 77 | 341903 | 50.0 | 52.0 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.831 | 2.831 | 0.000 | 93 | 242203 | 50.0 | 50.1 | |
| | 11 2-Chlorophenol | 128 | 2.876 | 2.876 | 0.000 | 90 | 257471 | 50.0 | 51.0 | |
| | 12 n-Decane | 43 | 2.920 | 2.920 | 0.000 | 92 | 276876 | 50.0 | 50.1 | |
| | 13 1,3-Dichlorobenzene | 146 | 2.997 | 2.997 | 0.000 | 96 | 283650 | 50.0 | 50.6 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.042 | 3.042 | 0.000 | 95 | 150849 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.055 | 3.055 | 0.000 | 94 | 282432 | 50.0 | 50.3 | |
| | 16 Benzyl alcohol | 108 | 3.176 | 3.176 | 0.000 | 91 | 162453 | 50.0 | 50.4 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.186 | 3.186 | 0.000 | 95 | 270231 | 50.0 | 50.2 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.278 | 3.278 | 0.000 | 87 | 343869 | 50.0 | 49.5 | |
| | 18 2-Methylphenol | 108 | 3.281 | 3.281 | 0.000 | 80 | 217393 | 50.0 | 50.7 | |
| | 20 N-Methylaniline | 106 | 3.387 | 3.387 | 0.000 | 96 | 379169 | 50.0 | 50.6 | a |
| | 21 Acetophenone | 105 | 3.400 | 3.400 | 0.000 | 80 | 347916 | 50.0 | 49.9 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.406 | 3.406 | 0.000 | 85 | 172924 | 50.0 | 53.4 | |
| | 24 4-Methylphenol | 108 | 3.422 | 3.422 | 0.000 | 45 | 235900 | 50.0 | 50.5 | a |
| | 23 3 & 4 Methylphenol | 108 | 3.422 | 3.422 | 0.000 | 50 | 235900 | 50.0 | 50.5 | |
| | 25 Hexachloroethane | 117 | 3.473 | 3.473 | 0.000 | 92 | 107330 | 50.0 | 50.6 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.527 | 3.527 | 0.000 | 87 | 283901 | 50.0 | 51.0 | |
| | 28 Nitrobenzene | 123 | 3.547 | 3.547 | 0.000 | 88 | 124170 | 50.0 | 52.7 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.547 | 3.547 | 0.000 | 85 | 380213 | 50.0 | 50.7 | |
| | 31 Isophorone | 82 | 3.770 | 3.770 | 0.000 | 97 | 484997 | 50.0 | 51.4 | |
| | 32 2-Nitrophenol | 139 | 3.828 | 3.828 | 0.000 | 94 | 140100 | 50.0 | 51.1 | |
| | 33 2,4-Dimethylphenol | 122 | 3.888 | 3.888 | 0.000 | 91 | 179877 | 50.0 | 49.1 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.959 | 3.959 | 0.000 | 99 | 308424 | 50.0 | 51.2 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.051 | 4.051 | 0.000 | 30 | 151083 | 50.0 | 51.6 | |
| 36 2,4-Dichlorophenol | 162 | 4.051 | 4.051 | 0.000 | 96 | 212818 | 50.0 | 51.8 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.112 | 4.112 | 0.000 | 91 | 240057 | 50.0 | 50.0 | |
| * 38 Naphthalene-d8 | 136 | 4.157 | 4.157 | 0.000 | 99 | 580080 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.176 | 4.176 | 0.000 | 98 | 730885 | 50.0 | 49.8 | |
| 40 4-Chloroaniline | 127 | 4.240 | 4.240 | 0.000 | 91 | 295839 | 50.0 | 51.7 | |
| 130 2,6-Dichlorophenol | 162 | 4.243 | 4.243 | 0.000 | 89 | 206032 | 50.0 | 51.0 | |
| 41 Hexachlorobutadiene | 225 | 4.294 | 4.294 | 0.000 | 96 | 145655 | 50.0 | 50.1 | |
| 42 Caprolactam | 55 | 4.665 | 4.665 | 0.000 | 90 | 53736 | 20.0 | 24.4 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.697 | 4.697 | 0.000 | 88 | 208147 | 50.0 | 51.4 | |
| 44 2-Methylnaphthalene | 142 | 4.793 | 4.793 | 0.000 | 82 | 498636 | 50.0 | 50.9 | |
| 45 1-Methylnaphthalene | 142 | 4.876 | 4.876 | 0.000 | 90 | 451375 | 50.0 | 50.8 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.936 | 4.936 | 0.000 | 87 | 117221 | 50.0 | 47.4 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.946 | 4.946 | 0.000 | 98 | 239604 | 50.0 | 49.9 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 4.997 | 4.997 | 0.000 | 90 | 299023 | 50.0 | 51.0 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.058 | 5.058 | 0.000 | 92 | 156453 | 50.0 | 52.3 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.093 | 5.093 | 0.000 | 97 | 169691 | 50.0 | 51.8 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.122 | 5.122 | 0.000 | 91 | 566913 | 50.0 | 50.2 | |
| 52 1,1'-Biphenyl | 154 | 5.208 | 5.208 | 0.000 | 96 | 597583 | 50.0 | 51.4 | |
| 53 2-Chloronaphthalene | 162 | 5.221 | 5.221 | 0.000 | 97 | 459290 | 50.0 | 50.9 | |
| 54 Phenyl ether | 170 | 5.301 | 5.301 | 0.000 | 82 | 322326 | 50.0 | 49.2 | |
| 56 2-Nitroaniline | 65 | 5.327 | 5.327 | 0.000 | 84 | 135282 | 50.0 | 50.7 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.416 | 5.416 | 0.000 | 91 | 368464 | 50.0 | 50.0 | |
| 58 Dimethyl phthalate | 163 | 5.493 | 5.493 | 0.000 | 99 | 515069 | 50.0 | 51.0 | |
| 59 Coumarin | 146 | 5.509 | 5.509 | 0.000 | 78 | 172148 | 50.0 | 50.6 | |
| 60 2,6-Dinitrotoluene | 165 | 5.547 | 5.547 | 0.000 | 78 | 116851 | 50.0 | 52.8 | |
| 61 Acenaphthylene | 152 | 5.579 | 5.579 | 0.000 | 93 | 684641 | 50.0 | 50.7 | |
| 64 3-Nitroaniline | 138 | 5.698 | 5.698 | 0.000 | 86 | 129624 | 50.0 | 51.6 | |
| * 65 Acenaphthene-d10 | 164 | 5.704 | 5.704 | 0.000 | 96 | 300520 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.733 | 5.733 | 0.000 | 93 | 410373 | 50.0 | 50.1 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.742 | 5.742 | 0.000 | 94 | 360431 | 50.0 | 54.0 | |
| 68 2,4-Dinitrophenol | 184 | 5.797 | 5.797 | 0.000 | 97 | 155115 | 100.0 | 103.0 | |
| 69 4-Nitrophenol | 65 | 5.887 | 5.887 | 0.000 | 58 | 174180 | 100.0 | 95.1 | |
| 71 Dibenzofuran | 168 | 5.887 | 5.887 | 0.000 | 84 | 633783 | 50.0 | 50.0 | |
| 70 2,4-Dinitrotoluene | 165 | 5.906 | 5.906 | 0.000 | 57 | 156908 | 50.0 | 52.7 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.011 | 6.011 | 0.000 | 95 | 138796 | 50.0 | 51.3 | |
| 73 Diethyl phthalate | 149 | 6.117 | 6.117 | 0.000 | 98 | 505177 | 50.0 | 50.4 | |
| 75 Fluorene | 166 | 6.187 | 6.187 | 0.000 | 83 | 511355 | 50.0 | 51.3 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.194 | 6.194 | 0.000 | 85 | 253865 | 50.0 | 50.9 | |
| 76 4-Nitroaniline | 138 | 6.245 | 6.245 | 0.000 | 91 | 116776 | 50.0 | 48.6 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.274 | 6.274 | 0.000 | 81 | 209435 | 100.0 | 111.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.306 | 6.306 | 0.000 | 90 | 374154 | 50.0 | 51.1 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.334 | 6.334 | 0.000 | 99 | 506970 | 50.0 | 49.3 | |
| 131 Azobenzene | 77 | 6.334 | 6.334 | 0.000 | 0 | 508047 | 50.0 | 49.4 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.402 | 6.402 | 0.000 | 90 | 129691 | 50.0 | 53.3 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.619 | 6.619 | 0.000 | 95 | 168814 | 50.0 | 51.4 | |
| 83 Hexachlorobenzene | 284 | 6.680 | 6.680 | 0.000 | 92 | 212166 | 50.0 | 51.0 | |
| 84 Atrazine | 200 | 6.789 | 6.789 | 0.000 | 91 | 63197 | 20.0 | 22.8 | |
| 85 Pentachlorophenol | 266 | 6.862 | 6.862 | 0.000 | 90 | 259403 | 100.0 | 105.7 | |
| 86 Pentachloronitrobenzene | 237 | 6.865 | 6.865 | 0.000 | 55 | 68104 | 50.0 | 48.3 | |
| 87 n-Octadecane | 57 | 6.945 | 6.945 | 0.000 | 90 | 365326 | 50.0 | 51.8 | |
| * 88 Phenanthrene-d10 | 188 | 7.006 | 7.006 | 0.000 | 98 | 586436 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.029 | 7.029 | 0.000 | 97 | 732384 | 50.0 | 50.2 | |
| 90 Anthracene | 178 | 7.073 | 7.073 | 0.000 | 97 | 760296 | 50.0 | 50.5 | |
| 91 Carbazole | 167 | 7.224 | 7.224 | 0.000 | 82 | 666392 | 50.0 | 49.2 | |
| 92 Di-n-butyl phthalate | 149 | 7.546 | 7.546 | 0.000 | 99 | 878489 | 50.0 | 52.1 | |
| 93 Fluoranthene | 202 | 8.070 | 8.070 | 0.000 | 97 | 847794 | 50.0 | 51.2 | |
| 94 Benzidine | 184 | 8.201 | 8.201 | 0.000 | 99 | 308222 | 50.0 | 53.0 | |
| 95 Pyrene | 202 | 8.268 | 8.268 | 0.000 | 96 | 876629 | 50.0 | 51.8 | |
| 82 Bisphenol-A | 213 | 8.336 | 8.336 | 0.000 | 98 | 368872 | 50.0 | 50.5 | |
| $ 96 Terphenyl-d14 | 244 | 8.416 | 8.416 | 0.000 | 97 | 811119 | 50.0 | 53.2 | |
| 97 Butyl benzyl phthalate | 149 | 8.863 | 8.863 | 0.000 | 96 | 387903 | 50.0 | 52.6 | |
| 98 2,3,7,8-TCDD | 320 | 8.952 | 8.952 | 0.000 | 18 | 1761 | 0.5000 | 0.5425 | |
| 99 Carbamazepine | 193 | 8.959 | 8.959 | 0.000 | 92 | 349978 | 50.0 | 55.2 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.355 | 9.355 | 0.000 | 98 | 348218 | 50.0 | 53.2 | |
| 101 Benzo[a]anthracene | 228 | 9.368 | 9.368 | 0.000 | 99 | 871743 | 50.0 | 51.8 | |
| * 102 Chrysene-d12 | 240 | 9.378 | 9.378 | 0.000 | 98 | 513290 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.403 | 9.403 | 0.000 | 95 | 831087 | 50.0 | 51.0 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.422 | 9.422 | 0.000 | 84 | 557241 | 50.0 | 52.3 | |
| 105 Di-n-octyl phthalate | 149 | 10.071 | 10.071 | 0.000 | 96 | 976343 | 50.0 | 53.1 | |
| 106 Benzo[b]fluoranthene | 252 | 10.445 | 10.445 | 0.000 | 97 | 934718 | 50.0 | 54.5 | |
| 107 Benzo[k]fluoranthene | 252 | 10.473 | 10.473 | 0.000 | 99 | 935131 | 50.0 | 50.9 | |
| 108 Benzo[a]pyrene | 252 | 10.767 | 10.767 | 0.000 | 95 | 847588 | 50.0 | 53.9 | |
| * 109 Perylene-d12 | 264 | 10.822 | 10.822 | 0.000 | 98 | 621227 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.943 | 11.943 | 0.000 | 97 | 1135878 | 50.0 | 54.5 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.959 | 11.959 | 0.000 | 93 | 918004 | 50.0 | 53.2 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.250 | 12.250 | 0.000 | 91 | 863919 | 50.0 | 55.0 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

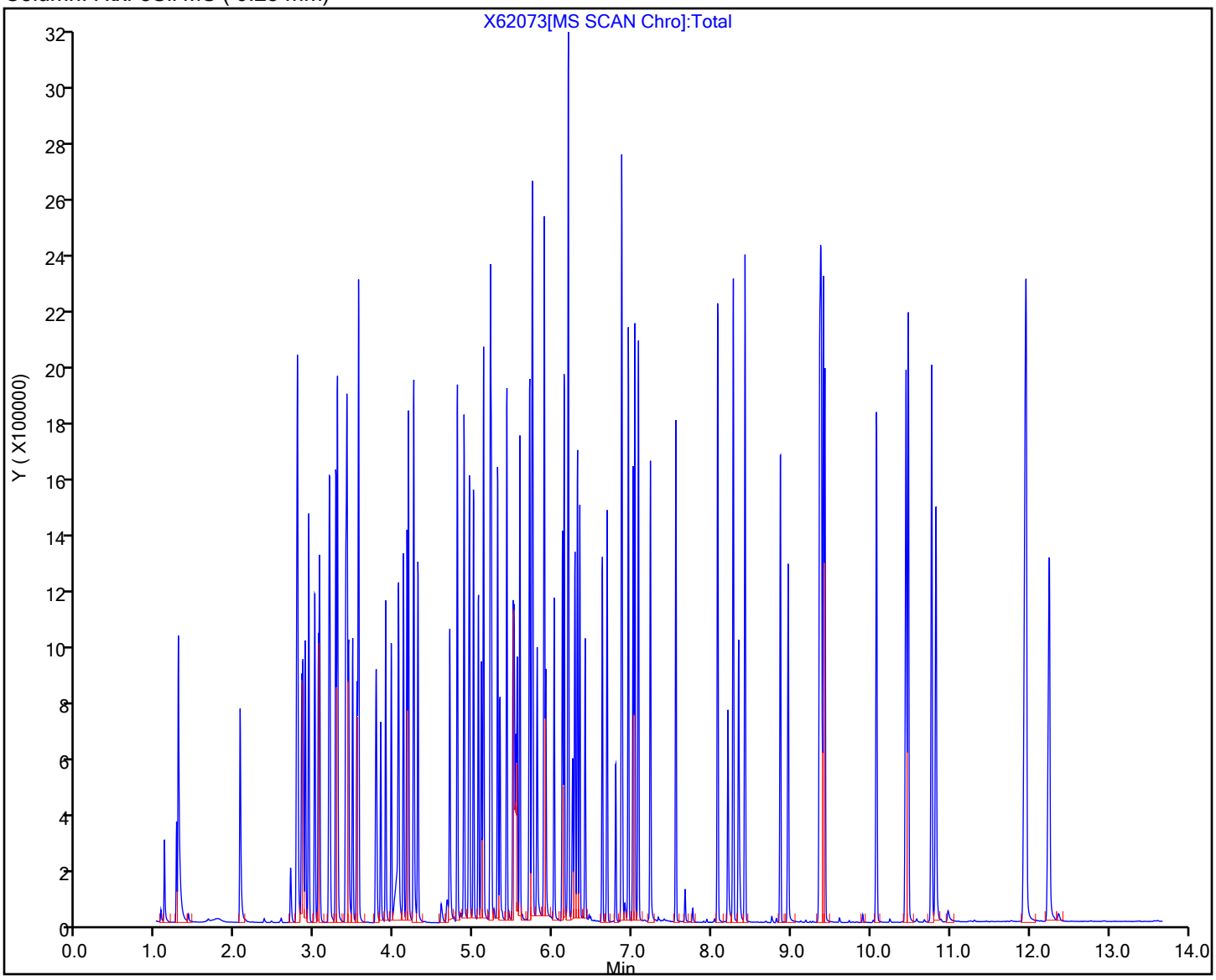
## Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 09-Feb-2025 13:11:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d
Injection Date: 08-Feb-2025 14:20:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

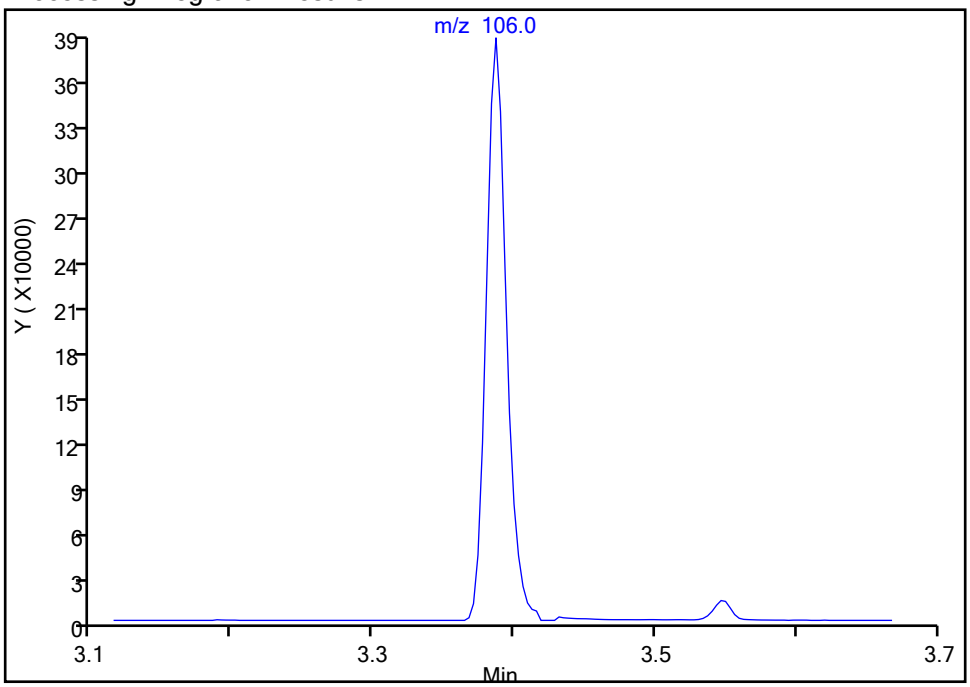
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d
Injection Date: 08-Feb-2025 14:20:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

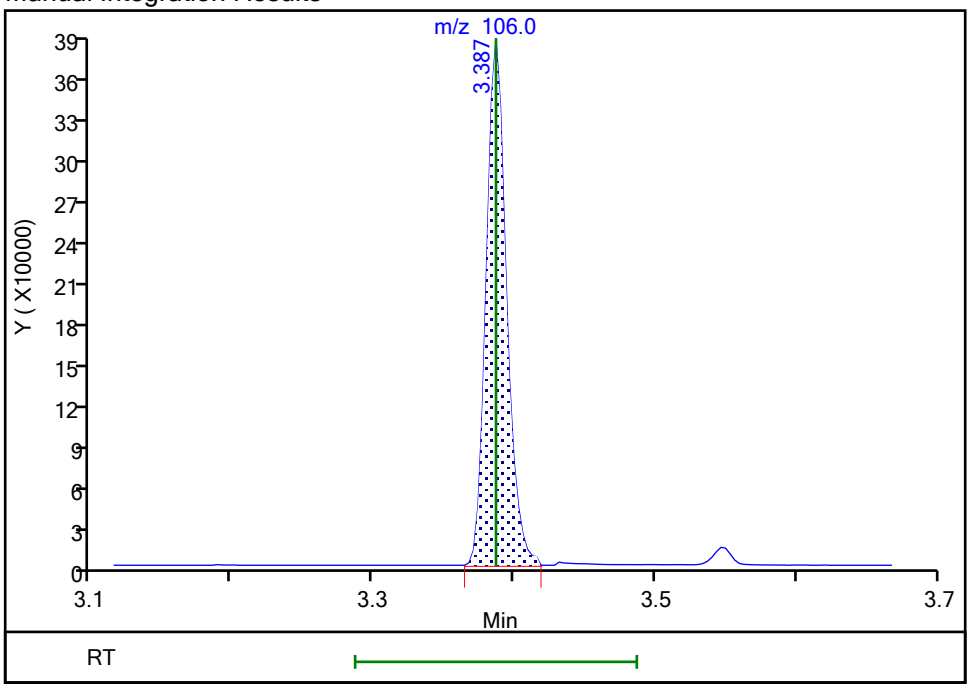
Not Detected
Expected RT: 3.39

Processing Integration Results




Manual Integration Results

RT: 3.39
Area: 379169
Amount: 50.612600
Amount Units: ug/ml




Reviewer: U6BX, 08-Feb-2025 14:48:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Edison

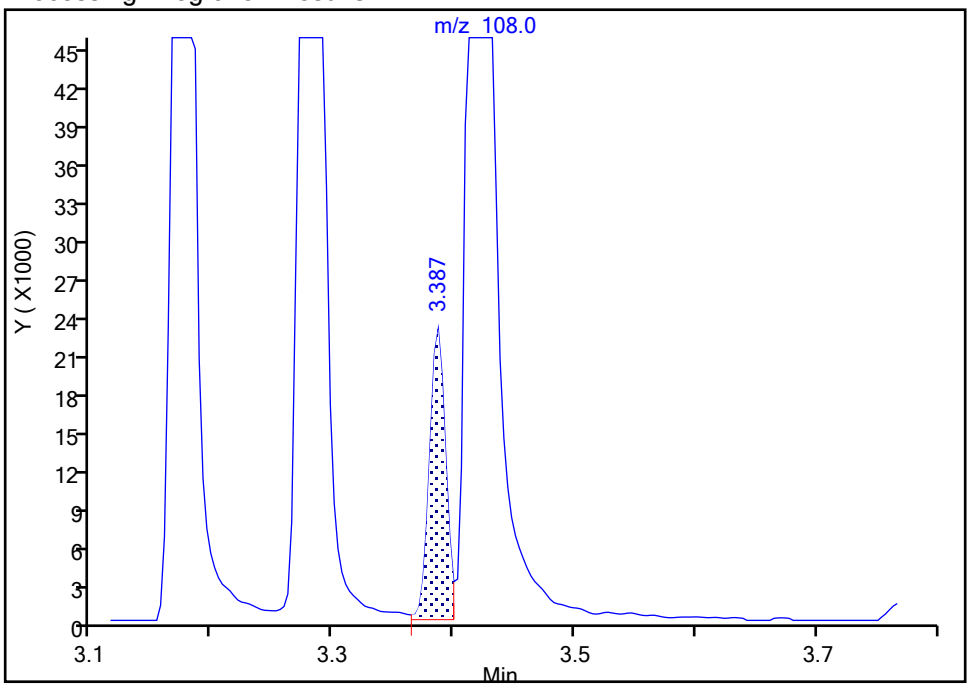
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d
Injection Date: 08-Feb-2025 14:20:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

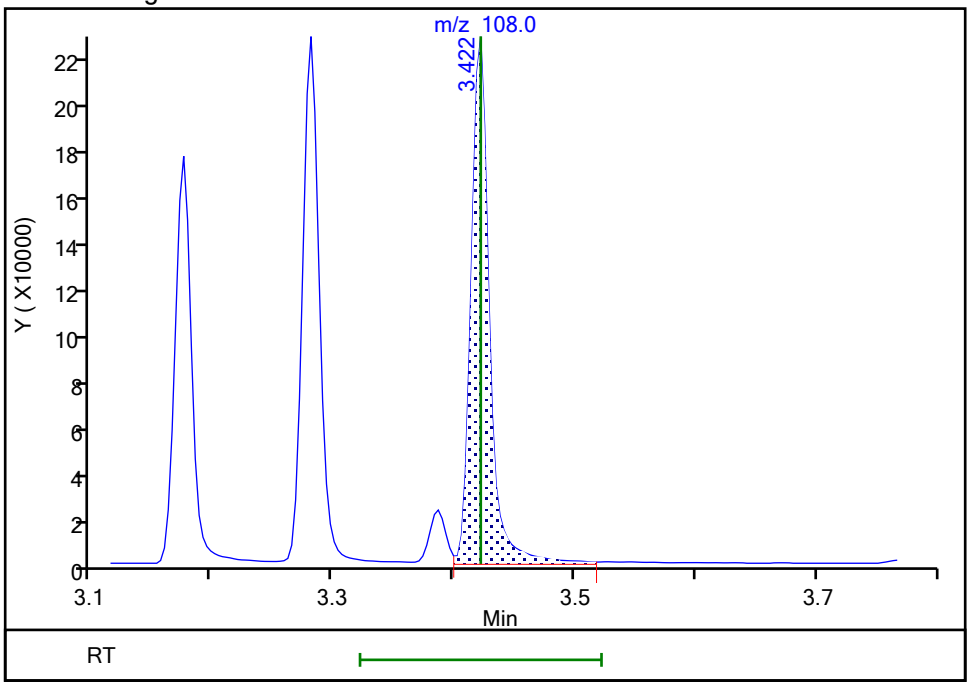
Processing Integration Results

RT: 3.39
Area: 21261
Amount: 4.555516
Amount Units: ug/ml




Manual Integration Results

RT: 3.42
Area: 235900
Amount: 50.545425
Amount Units: ug/ml




Reviewer: U6BX, 08-Feb-2025 14:48:05 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

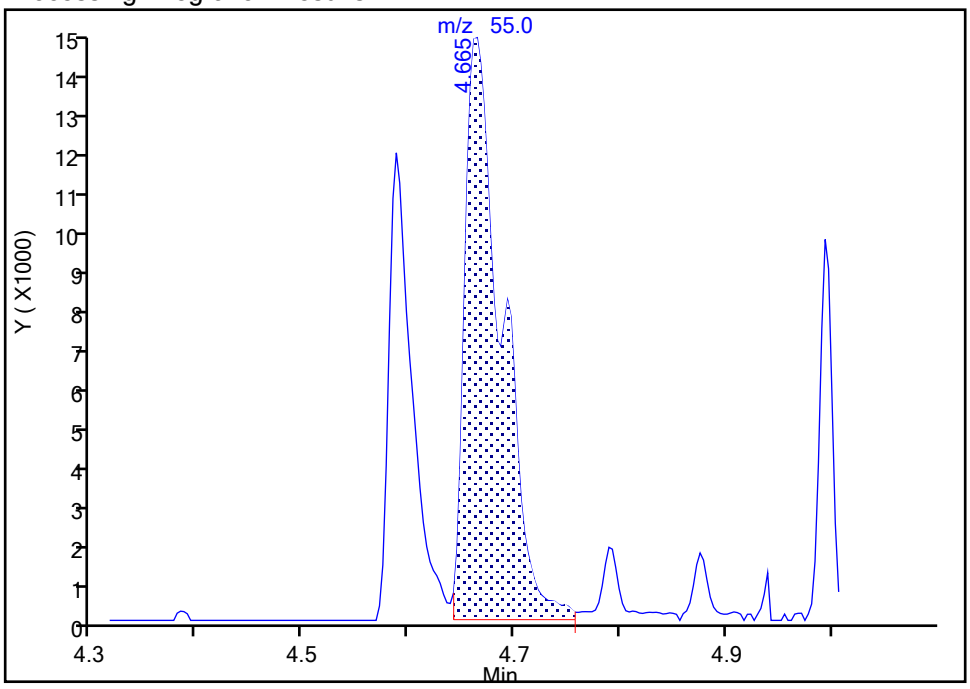
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62073.d | | | | |
| Injection Date: | 08-Feb-2025 14:20:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | CCVIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 2 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

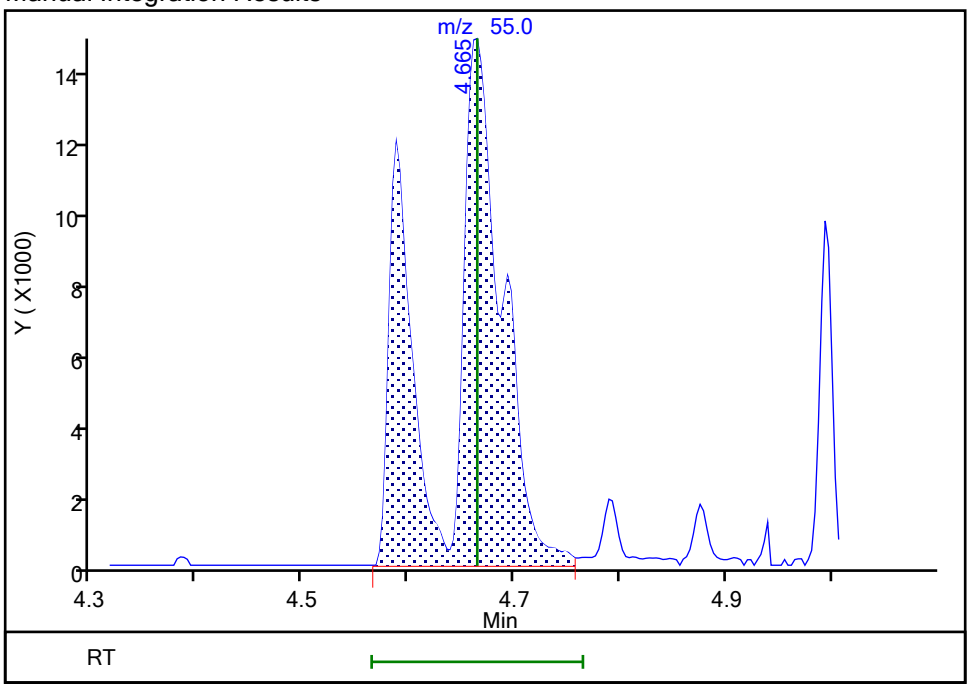
Processing Integration Results

RT: 4.66
Area: 35735
Amount: 16.216724
Amount Units: ug/ml




Manual Integration Results

RT: 4.66
Area: 53736
Amount: 24.385669
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:11:06 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020469/2 | Calibration Date: 02/10/2025 10:15

Instrument ID: CBNAMS5 | Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/04/2025 08:34

Lab File ID: X62103.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,4-Dioxane | Ave | 0.5170 | 0.4832 | | 46700 | 50000 | -6.5 | 20.0 |
| N-Nitrosodimethylamine | Ave | 0.7881 | 0.7507 | | 47600 | 50000 | -4.7 | 20.0 |
| Pyridine | Ave | 1.244 | 1.166 | | 93800 | 100000 | -6.2 | 20.0 |
| Benzaldehyde | Ave | 1.104 | 0.5895 | 0.0100 | 10700 | 20000 | -46.6* | 20.0 |
| Phenol | Ave | 1.717 | 1.663 | 0.8000 | 48400 | 50000 | -3.1 | 20.0 |
| Aniline | Ave | 1.744 | 1.763 | | 50600 | 50000 | 1.1 | 20.0 |
| Bis(2-chloroethyl)ether | Ave | 1.281 | 1.246 | 0.7000 | 48600 | 50000 | -2.8 | 20.0 |
| 2-Chlorophenol | Ave | 1.340 | 1.332 | 0.8000 | 49700 | 50000 | -0.5 | 20.0 |
| n-Decane | Ave | 1.465 | 1.372 | | 46800 | 50000 | -6.3 | 20.0 |
| 1,3-Dichlorobenzene | Ave | 1.487 | 1.458 | | 49000 | 50000 | -2.0 | 20.0 |
| 1,4-Dichlorobenzene | Ave | 1.488 | 1.488 | | 50000 | 50000 | 0.0 | 20.0 |
| Benzyl alcohol | Ave | 0.8546 | 0.8449 | | 49400 | 50000 | -1.1 | 20.0 |
| 1,2-Dichlorobenzene | Ave | 1.429 | 1.405 | | 49200 | 50000 | -1.7 | 20.0 |
| 2,2'-oxybis[1-chloropropane] | Ave | 1.840 | 1.726 | 0.0100 | 46900 | 50000 | -6.2 | 20.0 |
| 2-Methylphenol | Ave | 1.136 | 1.111 | 0.7000 | 48900 | 50000 | -2.2 | 20.0 |
| N-Methylaniline | Ave | 1.987 | 1.966 | | 49500 | 50000 | -1.0 | 20.0 |
| Acetophenone | Ave | 1.850 | 1.819 | 0.0100 | 49200 | 50000 | -1.6 | 20.0 |
| N-Nitrosodi-n-propylamine | Ave | 0.8592 | 0.8901 | 0.5000 | 51800 | 50000 | 3.6 | 20.0 |
| 3 & 4 Methylphenol | Ave | 1.238 | 1.203 | | 48600 | 50000 | -2.8 | 20.0 |
| 4-Methylphenol | Ave | 1.238 | 1.203 | 0.6000 | 48600 | 50000 | -2.8 | 20.0 |
| Hexachloroethane | Ave | 0.5621 | 0.5483 | 0.3000 | 48800 | 50000 | -2.5 | 20.0 |
| Nitrobenzene | Ave | 0.6249 | 0.6442 | 0.2000 | 51500 | 50000 | 3.1 | 20.0 |
| n,n'-Dimethylaniline | Ave | 1.989 | 1.962 | | 49300 | 50000 | -1.4 | 20.0 |
| Isophorone | Ave | 0.6505 | 0.6619 | 0.4000 | 50900 | 50000 | 1.7 | 20.0 |
| 2-Nitrophenol | Ave | 0.1892 | 0.1959 | 0.1000 | 51800 | 50000 | 3.6 | 20.0 |
| 2,4-Dimethylphenol | Ave | 0.2527 | 0.2555 | 0.2000 | 50600 | 50000 | 1.1 | 20.0 |
| Bis(2-chloroethoxy)methane | Ave | 0.4153 | 0.4183 | 0.3000 | 50400 | 50000 | 0.7 | 20.0 |
| 2,4-Dichlorophenol | Ave | 0.2834 | 0.2969 | 0.2000 | 52400 | 50000 | 4.8 | 20.0 |
| Benzoic acid | Ave | 0.2018 | 0.2107 | | 52200 | 50000 | 4.4 | 20.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.3310 | 0.3372 | | 50900 | 50000 | 1.9 | 20.0 |
| Naphthalene | Ave | 1.011 | 1.008 | 0.7000 | 49800 | 50000 | -0.4 | 20.0 |
| 4-Chloroaniline | Ave | 0.3946 | 0.4091 | 0.0100 | 51800 | 50000 | 3.7 | 20.0 |
| Hexachlorobutadiene | Ave | 0.2005 | 0.2017 | 0.0100 | 50300 | 50000 | 0.6 | 20.0 |
| Caprolactam | Ave | 0.1520 | 0.1399 | 0.0100 | 18400 | 20000 | -8.0 | 20.0 |
| 4-Chloro-3-methylphenol | Ave | 0.2793 | 0.2872 | 0.2000 | 51400 | 50000 | 2.8 | 20.0 |
| 2-Methylnaphthalene | Ave | 0.6750 | 0.6960 | 0.4000 | 51600 | 50000 | 3.1 | 20.0 |
| 1-Methylnaphthalene | Ave | 0.6125 | 0.6302 | | 51400 | 50000 | 2.9 | 20.0 |
| Hexachlorocyclopentadiene | Ave | 0.3289 | 0.2969 | 0.0500 | 45100 | 50000 | -9.7 | 20.0 |
| 1,2,4,5-Tetrachlorobenzene | Ave | 0.6392 | 0.6434 | 0.0100 | 50300 | 50000 | 0.7 | 20.0 |
| 2-tertbutyl-4-methylphenol | Ave | 0.4041 | 0.4153 | | 51400 | 50000 | 2.8 | 20.0 |
| 2,4,6-Trichlorophenol | Ave | 0.3982 | 0.4110 | 0.2000 | 51600 | 50000 | 3.2 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020469/2 Calibration Date: 02/10/2025 10:15

Instrument ID: CBNAMS5 Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) Calib End Date: 02/04/2025 08:34

Lab File ID: X62103.d Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-Trichlorophenol | Ave | 0.4357 | 0.4488 | 0.2000 | 51500 | 50000 | 3.0 | 20.0 |
| 1,1'-Biphenyl | Ave | 1.546 | 1.560 | 0.0100 | 50500 | 50000 | 0.9 | 20.0 |
| 2-Chloronaphthalene | Ave | 1.200 | 1.193 | 0.8000 | 49700 | 50000 | -0.6 | 20.0 |
| Phenyl ether | Ave | 0.8722 | 0.8576 | | 49200 | 50000 | -1.7 | 20.0 |
| 2-Nitroaniline | Ave | 0.3553 | 0.3431 | 0.0100 | 48300 | 50000 | -3.4 | 20.0 |
| 1,3-Dimethylnaphthalene | Ave | 0.9811 | 0.9654 | | 49200 | 50000 | -1.6 | 20.0 |
| Dimethyl phthalate | Ave | 1.345 | 1.358 | 0.0100 | 50500 | 50000 | 0.9 | 20.0 |
| Coumarin | Ave | 0.2348 | 0.2394 | | 51000 | 50000 | 2.0 | 20.0 |
| 2,6-Dinitrotoluene | Ave | 0.2947 | 0.3071 | 0.2000 | 52100 | 50000 | 4.2 | 20.0 |
| Acenaphthylene | Ave | 1.798 | 1.799 | 0.6000 | 50000 | 50000 | 0.0 | 20.0 |
| 3-Nitroaniline | Ave | 0.3344 | 0.3406 | 0.0100 | 50900 | 50000 | 1.9 | 20.0 |
| Acenaphthene | Ave | 1.091 | 1.075 | 0.9000 | 49300 | 50000 | -1.4 | 20.0 |
| 3,5-di-tert-butyl-4-hydroxytol | Ave | 0.8882 | 0.9475 | | 53300 | 50000 | 6.7 | 20.0 |
| 2,4-Dinitrophenol | Lin2 | | 0.1993 | 0.0100 | 99500 | 100000 | -0.5 | 20.0 |
| 4-Nitrophenol | Ave | 0.2437 | 0.2224 | 0.0100 | 91300 | 100000 | -8.7 | 20.0 |
| Dibenzofuran | Ave | 1.687 | 1.681 | 0.8000 | 49800 | 50000 | -0.3 | 20.0 |
| 2,4-Dinitrotoluene | Ave | 0.3963 | 0.4248 | 0.2000 | 53600 | 50000 | 7.2 | 20.0 |
| 2,3,4,6-Tetrachlorophenol | Ave | 0.3601 | 0.3704 | 0.0100 | 51400 | 50000 | 2.9 | 20.0 |
| Diethyl phthalate | Ave | 1.334 | 1.334 | 0.0100 | 50000 | 50000 | 0.0 | 20.0 |
| Fluorene | Ave | 1.327 | 1.336 | 0.9000 | 50300 | 50000 | 0.7 | 20.0 |
| 4-Chlorophenyl phenyl ether | Ave | 0.6641 | 0.6597 | 0.4000 | 49700 | 50000 | -0.7 | 20.0 |
| 4-Nitroaniline | Ave | 0.3198 | 0.3166 | 0.0100 | 49500 | 50000 | -1.0 | 20.0 |
| 4,6-Dinitro-2-methylphenol | Ave | 0.1284 | 0.1402 | 0.0100 | 109000 | 100000 | 9.2 | 20.0 |
| N-Nitrosodiphenylamine | Ave | 0.4991 | 0.5139 | 0.0100 | 51500 | 50000 | 3.0 | 20.0 |
| 1,2-Diphenylhydrazine | Ave | 0.7009 | 0.6766 | | 48300 | 50000 | -3.5 | 20.0 |
| 4-Bromophenyl phenyl ether | Ave | 0.2242 | 0.2320 | 0.1000 | 51700 | 50000 | 3.5 | 20.0 |
| Hexachlorobenzene | Ave | 0.2837 | 0.2955 | 0.1000 | 52100 | 50000 | 4.1 | 20.0 |
| Atrazine | Ave | 0.1891 | 0.2195 | 0.0100 | 23200 | 20000 | 16.1 | 20.0 |
| Pentachlorophenol | Ave | 0.1674 | 0.1788 | 0.0500 | 107000 | 100000 | 6.8 | 20.0 |
| Pentachloronitrobenzene | Ave | 0.0962 | 0.0945 | 0.0100 | 49200 | 50000 | -1.7 | 20.0 |
| n-Octadecane | Ave | 0.4806 | 0.4843 | | 50400 | 50000 | 0.8 | 20.0 |
| Phenanthrene | Ave | 0.996 | 1.002 | 0.7000 | 50300 | 50000 | 0.6 | 20.0 |
| Anthracene | Ave | 1.028 | 1.044 | 0.7000 | 50800 | 50000 | 1.6 | 20.0 |
| Carbazole | Ave | 0.9231 | 0.9375 | 0.0100 | 50800 | 50000 | 1.6 | 20.0 |
| Di-n-butyl phthalate | Ave | 1.151 | 1.201 | 0.0100 | 52200 | 50000 | 4.4 | 20.0 |
| Fluoranthene | Ave | 1.129 | 1.175 | 0.6000 | 52000 | 50000 | 4.1 | 20.0 |
| Benzidine | Ave | 0.3964 | 0.4195 | | 52900 | 50000 | 5.8 | 20.0 |
| Pyrene | Ave | 1.319 | 1.341 | 0.6000 | 50800 | 50000 | 1.7 | 20.0 |
| Bisphenol-A | Ave | 0.5688 | 0.5769 | | 50700 | 50000 | 1.4 | 20.0 |
| Butyl benzyl phthalate | Ave | 0.5741 | 0.5953 | 0.0100 | 51800 | 50000 | 3.7 | 20.0 |

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020469/2 | Calibration Date: 02/10/2025 10:15

Instrument ID: CBNAMS5 | Calib Start Date: 02/04/2025 06:01

GC Column: Rtxi-5Sil MS ID: 0.25(mm) | Calib End Date: 02/04/2025 08:34

Lab File ID: X62103.d | Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 2,3,7,8-TCDD | Ave | 0.2530 | 0.2626 | | 519 | 500 | 3.8 | 20.0 |
| Carbamazepine | Ave | 0.4939 | 0.5405 | | 54700 | 50000 | 9.4 | 20.0 |
| 3,3'-Dichlorobenzidine | Ave | 0.5103 | 0.5492 | 0.0100 | 53800 | 50000 | 7.6 | 20.0 |
| Benzo[a]anthracene | Ave | 1.310 | 1.374 | 0.8000 | 52400 | 50000 | 4.8 | 20.0 |
| Chrysene | Ave | 1.270 | 1.274 | 0.7000 | 50200 | 50000 | 0.3 | 20.0 |
| Bis(2-ethylhexyl) phthalate | Ave | 0.8308 | 0.8645 | 0.0100 | 52000 | 50000 | 4.1 | 20.0 |
| Di-n-octyl phthalate | Ave | 1.185 | 1.240 | 0.0100 | 52300 | 50000 | 4.7 | 20.0 |
| Benzo[b]fluoranthene | Ave | 1.105 | 1.206 | | 54600 | 50000 | 9.2 | 20.0 |
| Benzo[k]fluoranthene | Ave | 1.182 | 1.189 | 0.7000 | 50300 | 50000 | 0.6 | 20.0 |
| Benzo[a]pyrene | Ave | 1.013 | 1.103 | 0.7000 | 54500 | 50000 | 8.9 | 20.0 |
| Indeno[1,2,3-cd]pyrene | Ave | 1.343 | 1.478 | 0.5000 | 55100 | 50000 | 10.1 | 20.0 |
| Dibenz(a,h)anthracene | Ave | 1.111 | 1.179 | 0.4000 | 53000 | 50000 | 6.1 | 20.0 |
| Benzo[g,h,i]perylene | Ave | 1.011 | 1.108 | 0.5000 | 54800 | 50000 | 9.7 | 20.0 |
| 2-Fluorophenol (Surr) | Ave | 1.235 | 1.294 | | 52400 | 50000 | 4.8 | 20.0 |
| Phenol-d5 (Surr) | Ave | 1.607 | 1.667 | | 51900 | 50000 | 3.8 | 20.0 |
| Nitrobenzene-d5 (Surr) | Ave | 0.3841 | 0.3915 | | 51000 | 50000 | 1.9 | 20.0 |
| 2-Fluorobiphenyl | Ave | 1.502 | 1.498 | | 49900 | 50000 | -0.2 | 20.0 |
| 2,4,6-Tribromophenol (Surr) | Ave | 0.3239 | 0.3443 | | 53200 | 50000 | 6.3 | 20.0 |
| Terphenyl-d14 (Surr) | Ave | 1.189 | 1.260 | | 53000 | 50000 | 6.0 | 20.0 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 10:15:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186725-002
Operator ID: Instrument ID: CBNAMS5
Sublist: chrom-8270_5R*sub69

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 11-Feb-2025 11:44:04 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1720

First Level Reviewer: V5XH Date: 11-Feb-2025 11:44:04

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.085 | 1.085 | 0.000 | 94 | 89763 | 50.0 | 46.7 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.239 | 1.239 | 0.000 | 90 | 139447 | 50.0 | 47.6 | |
| | 3 Pyridine | 79 | 1.261 | 1.261 | 0.000 | 93 | 433328 | 100.0 | 93.8 | |
| $ | 4 2-Fluorophenol | 112 | 2.043 | 2.043 | 0.000 | 95 | 240359 | 50.0 | 52.4 | |
| | 5 Benzaldehyde | 77 | 2.681 | 2.681 | 0.000 | 93 | 43803 | 20.0 | 10.7 | |
| $ | 6 Phenol-d5 | 99 | 2.758 | 2.758 | 0.000 | 98 | 309727 | 50.0 | 51.9 | |
| | 7 Phenol | 94 | 2.767 | 2.767 | 0.000 | 85 | 308888 | 50.0 | 48.4 | |
| | 8 Aniline | 93 | 2.770 | 2.770 | 0.000 | 77 | 327563 | 50.0 | 50.6 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.822 | 2.822 | 0.000 | 93 | 231383 | 50.0 | 48.6 | |
| | 11 2-Chlorophenol | 128 | 2.866 | 2.866 | 0.000 | 91 | 247513 | 50.0 | 49.7 | |
| | 12 n-Decane | 43 | 2.908 | 2.908 | 0.000 | 92 | 254863 | 50.0 | 46.8 | |
| | 13 1,3-Dichlorobenzene | 146 | 2.985 | 2.985 | 0.000 | 95 | 270847 | 50.0 | 49.0 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.032 | 3.032 | 0.000 | 95 | 148607 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.045 | 3.045 | 0.000 | 95 | 276423 | 50.0 | 50.0 | |
| | 16 Benzyl alcohol | 108 | 3.167 | 3.167 | 0.000 | 91 | 156956 | 50.0 | 49.4 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.176 | 3.176 | 0.000 | 95 | 260997 | 50.0 | 49.2 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.269 | 3.269 | 0.000 | 87 | 320616 | 50.0 | 46.9 | |
| | 18 2-Methylphenol | 108 | 3.272 | 3.272 | 0.000 | 63 | 206379 | 50.0 | 48.9 | |
| | 20 N-Methylaniline | 106 | 3.378 | 3.378 | 0.000 | 96 | 365156 | 50.0 | 49.5 | a |
| | 21 Acetophenone | 105 | 3.390 | 3.390 | 0.000 | 83 | 337947 | 50.0 | 49.2 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.397 | 3.397 | 0.000 | 84 | 165341 | 50.0 | 51.8 | |
| | 24 4-Methylphenol | 108 | 3.413 | 3.413 | 0.000 | 48 | 223498 | 50.0 | 48.6 | a |
| | 23 3 & 4 Methylphenol | 108 | 3.413 | 3.413 | 0.000 | 52 | 223498 | 50.0 | 48.6 | |
| | 25 Hexachloroethane | 117 | 3.464 | 3.464 | 0.000 | 92 | 101855 | 50.0 | 48.8 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.518 | 3.518 | 0.000 | 86 | 271843 | 50.0 | 51.0 | |
| | 28 Nitrobenzene | 123 | 3.537 | 3.537 | 0.000 | 89 | 119657 | 50.0 | 51.5 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.541 | 3.541 | 0.000 | 87 | 364384 | 50.0 | 49.3 | |
| | 31 Isophorone | 82 | 3.758 | 3.758 | 0.000 | 97 | 459597 | 50.0 | 50.9 | |
| | 32 2-Nitrophenol | 139 | 3.818 | 3.818 | 0.000 | 95 | 136067 | 50.0 | 51.8 | |
| | 33 2,4-Dimethylphenol | 122 | 3.882 | 3.882 | 0.000 | 92 | 177450 | 50.0 | 50.6 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.953 | 3.953 | 0.000 | 99 | 290494 | 50.0 | 50.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 36 2,4-Dichlorophenol | 162 | 4.042 | 4.042 | 0.000 | 96 | 206174 | 50.0 | 52.4 | |
| 35 Benzoic acid | 122 | 4.045 | 4.045 | 0.000 | 32 | 146309 | 50.0 | 52.2 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.106 | 4.106 | 0.000 | 91 | 234132 | 50.0 | 50.9 | |
| * 38 Naphthalene-d8 | 136 | 4.148 | 4.148 | 0.000 | 99 | 555520 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.167 | 4.167 | 0.000 | 98 | 699909 | 50.0 | 49.8 | |
| 40 4-Chloroaniline | 127 | 4.234 | 4.234 | 0.000 | 90 | 284069 | 50.0 | 51.8 | |
| 130 2,6-Dichlorophenol | 162 | 4.237 | 4.237 | 0.000 | 92 | 200262 | 50.0 | 51.8 | |
| 41 Hexachlorobutadiene | 225 | 4.288 | 4.288 | 0.000 | 97 | 140090 | 50.0 | 50.3 | |
| 42 Caprolactam | 55 | 4.649 | 4.649 | 0.000 | 91 | 38850 | 20.0 | 18.4 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.691 | 4.691 | 0.000 | 90 | 199397 | 50.0 | 51.4 | |
| 44 2-Methylnaphthalene | 142 | 4.783 | 4.783 | 0.000 | 82 | 483284 | 50.0 | 51.6 | |
| 45 1-Methylnaphthalene | 142 | 4.870 | 4.870 | 0.000 | 90 | 437612 | 50.0 | 51.4 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.927 | 4.927 | 0.000 | 87 | 109603 | 50.0 | 45.1 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.937 | 4.937 | 0.000 | 98 | 237540 | 50.0 | 50.3 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 4.988 | 4.988 | 0.000 | 90 | 288356 | 50.0 | 51.4 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.049 | 5.049 | 0.000 | 91 | 151720 | 50.0 | 51.6 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.087 | 5.087 | 0.000 | 97 | 165689 | 50.0 | 51.5 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.116 | 5.116 | 0.000 | 91 | 553133 | 50.0 | 49.9 | |
| 52 1,1'-Biphenyl | 154 | 5.199 | 5.199 | 0.000 | 96 | 576075 | 50.0 | 50.5 | |
| 53 2-Chloronaphthalene | 162 | 5.212 | 5.212 | 0.000 | 97 | 440354 | 50.0 | 49.7 | |
| 54 Phenyl ether | 170 | 5.292 | 5.292 | 0.000 | 83 | 316612 | 50.0 | 49.2 | |
| 56 2-Nitroaniline | 65 | 5.321 | 5.321 | 0.000 | 88 | 126656 | 50.0 | 48.3 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.407 | 5.407 | 0.000 | 90 | 356381 | 50.0 | 49.2 | |
| 58 Dimethyl phthalate | 163 | 5.487 | 5.487 | 0.000 | 99 | 501255 | 50.0 | 50.5 | |
| 59 Coumarin | 146 | 5.503 | 5.503 | 0.000 | 79 | 166242 | 50.0 | 51.0 | |
| 60 2,6-Dinitrotoluene | 165 | 5.541 | 5.541 | 0.000 | 73 | 113389 | 50.0 | 52.1 | |
| 61 Acenaphthylene | 152 | 5.573 | 5.573 | 0.000 | 93 | 663999 | 50.0 | 50.0 | |
| 64 3-Nitroaniline | 138 | 5.692 | 5.692 | 0.000 | 78 | 125741 | 50.0 | 50.9 | |
| * 65 Acenaphthene-d10 | 164 | 5.698 | 5.698 | 0.000 | 96 | 295335 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.727 | 5.727 | 0.000 | 93 | 397006 | 50.0 | 49.3 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.737 | 5.737 | 0.000 | 96 | 349800 | 50.0 | 53.3 | |
| 68 2,4-Dinitrophenol | 184 | 5.791 | 5.791 | 0.000 | 97 | 147121 | 100.0 | 99.5 | |
| 69 4-Nitrophenol | 65 | 5.880 | 5.880 | 0.000 | 58 | 164235 | 100.0 | 91.3 | |
| 71 Dibenzofuran | 168 | 5.880 | 5.880 | 0.000 | 84 | 620537 | 50.0 | 49.8 | |
| 70 2,4-Dinitrotoluene | 165 | 5.900 | 5.900 | 0.000 | 95 | 156836 | 50.0 | 53.6 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.005 | 6.005 | 0.000 | 95 | 136722 | 50.0 | 51.4 | |
| 73 Diethyl phthalate | 149 | 6.111 | 6.111 | 0.000 | 98 | 492633 | 50.0 | 50.0 | |
| 75 Fluorene | 166 | 6.181 | 6.181 | 0.000 | 83 | 493080 | 50.0 | 50.3 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.188 | 6.188 | 0.000 | 86 | 243525 | 50.0 | 49.7 | |
| 76 4-Nitroaniline | 138 | 6.239 | 6.239 | 0.000 | 90 | 116886 | 50.0 | 49.5 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.268 | 6.268 | 0.000 | 81 | 198755 | 100.0 | 109.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.300 | 6.300 | 0.000 | 88 | 364293 | 50.0 | 51.5 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.328 | 6.328 | 0.000 | 95 | 479635 | 50.0 | 48.3 | |
| 131 Azobenzene | 77 | 6.328 | 6.328 | 0.000 | 0 | 479205 | 50.0 | 48.2 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.396 | 6.396 | 0.000 | 89 | 127104 | 50.0 | 53.2 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.613 | 6.613 | 0.000 | 94 | 164447 | 50.0 | 51.7 | |
| 83 Hexachlorobenzene | 284 | 6.674 | 6.674 | 0.000 | 94 | 209452 | 50.0 | 52.1 | |
| 84 Atrazine | 200 | 6.783 | 6.783 | 0.000 | 91 | 62236 | 20.0 | 23.2 | |
| 85 Pentachlorophenol | 266 | 6.856 | 6.856 | 0.000 | 90 | 253421 | 100.0 | 106.8 | |
| 86 Pentachloronitrobenzene | 237 | 6.862 | 6.862 | 0.000 | 61 | 67016 | 50.0 | 49.2 | |
| 87 n-Octadecane | 57 | 6.943 | 6.943 | 0.000 | 90 | 343323 | 50.0 | 50.4 | |
| * 88 Phenanthrene-d10 | 188 | 7.000 | 7.000 | 0.000 | 98 | 567091 | 40.0 | 40.0 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 Phenanthrene | 178 | 7.023 | 7.023 | 0.000 | 97 | 710237 | 50.0 | 50.3 | |
| 90 Anthracene | 178 | 7.067 | 7.067 | 0.000 | 97 | 739983 | 50.0 | 50.8 | |
| 91 Carbazole | 167 | 7.221 | 7.221 | 0.000 | 82 | 664547 | 50.0 | 50.8 | |
| 92 Di-n-butyl phthalate | 149 | 7.540 | 7.540 | 0.000 | 99 | 851674 | 50.0 | 52.2 | |
| 93 Fluoranthene | 202 | 8.067 | 8.067 | 0.000 | 97 | 832873 | 50.0 | 52.0 | |
| 94 Benzidine | 184 | 8.198 | 8.198 | 0.000 | 99 | 297358 | 50.0 | 52.9 | |
| 95 Pyrene | 202 | 8.266 | 8.266 | 0.000 | 96 | 843046 | 50.0 | 50.8 | |
| 82 Bisphenol-A | 213 | 8.333 | 8.333 | 0.000 | 99 | 362532 | 50.0 | 50.7 | |
| $ 96 Terphenyl-d14 | 244 | 8.416 | 8.416 | 0.000 | 97 | 791714 | 50.0 | 53.0 | |
| 97 Butyl benzyl phthalate | 149 | 8.860 | 8.860 | 0.000 | 95 | 374134 | 50.0 | 51.8 | |
| 98 2,3,7,8-TCDD | 320 | 8.953 | 8.953 | 0.000 | 14 | 1650 | 0.5000 | 0.5189 | |
| 99 Carbamazepine | 193 | 8.959 | 8.959 | 0.000 | 91 | 339701 | 50.0 | 54.7 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.352 | 9.352 | 0.000 | 98 | 345130 | 50.0 | 53.8 | |
| 101 Benzo[a]anthracene | 228 | 9.365 | 9.365 | 0.000 | 99 | 863448 | 50.0 | 52.4 | |
| * 102 Chrysene-d12 | 240 | 9.378 | 9.378 | 0.000 | 98 | 502750 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.404 | 9.404 | 0.000 | 95 | 800843 | 50.0 | 50.2 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.423 | 9.423 | 0.000 | 84 | 543290 | 50.0 | 52.0 | |
| 105 Di-n-octyl phthalate | 149 | 10.071 | 10.071 | 0.000 | 96 | 943625 | 50.0 | 52.3 | |
| 106 Benzo[b]fluoranthene | 252 | 10.445 | 10.445 | 0.000 | 97 | 917543 | 50.0 | 54.6 | |
| 107 Benzo[k]fluoranthene | 252 | 10.471 | 10.471 | 0.000 | 99 | 904740 | 50.0 | 50.3 | |
| 108 Benzo[a]pyrene | 252 | 10.768 | 10.768 | 0.000 | 96 | 839203 | 50.0 | 54.5 | |
| * 109 Perylene-d12 | 264 | 10.822 | 10.822 | 0.000 | 98 | 608567 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.944 | 11.944 | 0.000 | 94 | 1124516 | 50.0 | 55.1 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.960 | 11.960 | 0.000 | 92 | 896574 | 50.0 | 53.0 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.247 | 12.247 | 0.000 | 91 | 843165 | 50.0 | 54.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

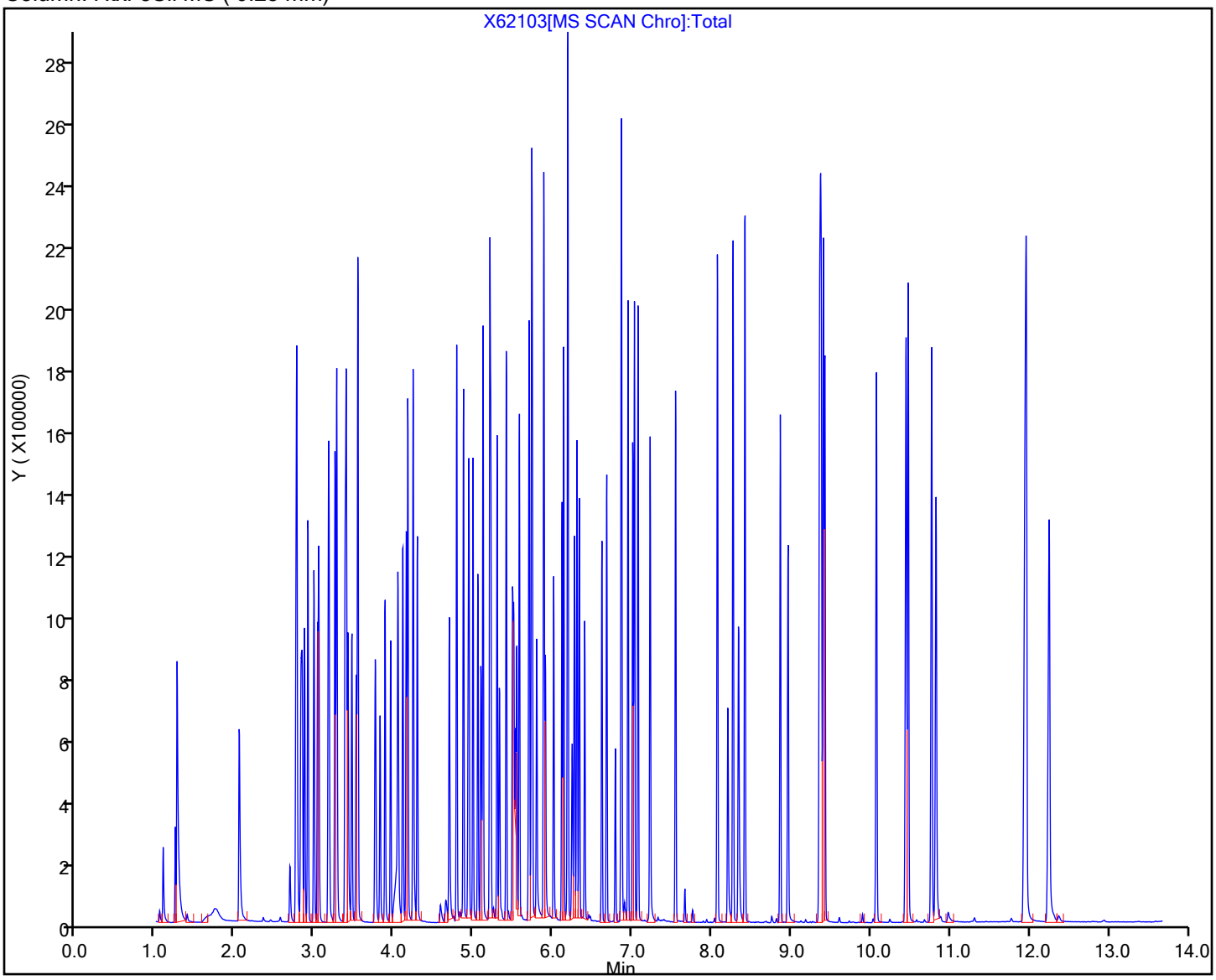
## Reagents:

SV_BNA_L7_00007 Amount Added: 1.00 Units: mL

Report Date: 11-Feb-2025 11:44:05 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d
Injection Date: 10-Feb-2025 10:15:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

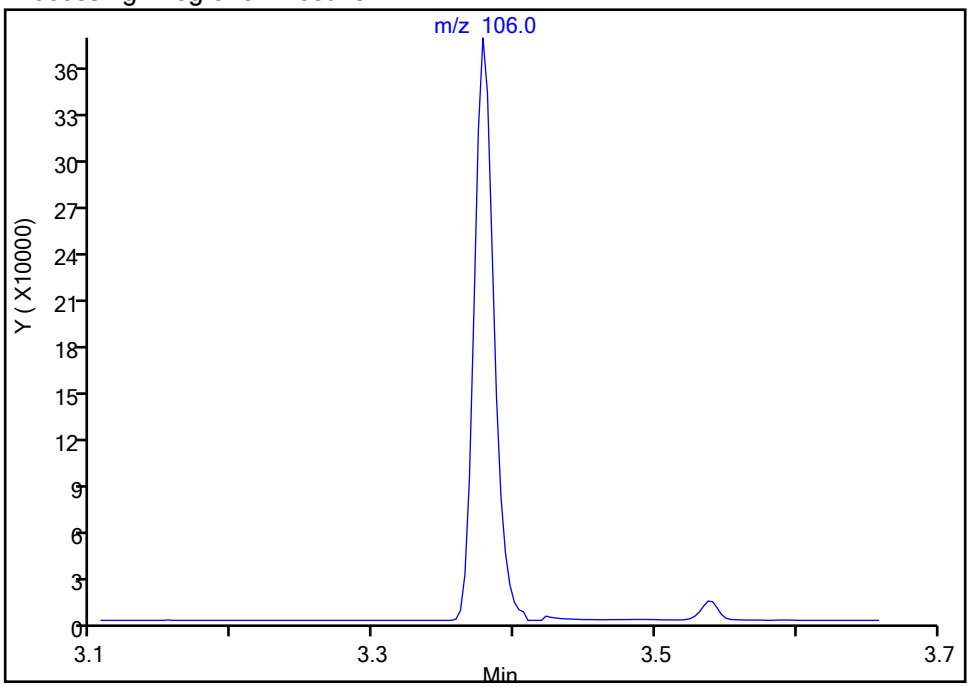
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d
Injection Date: 10-Feb-2025 10:15:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 20 N-Methylaniline, CAS: 100-61-8

Signal: 1

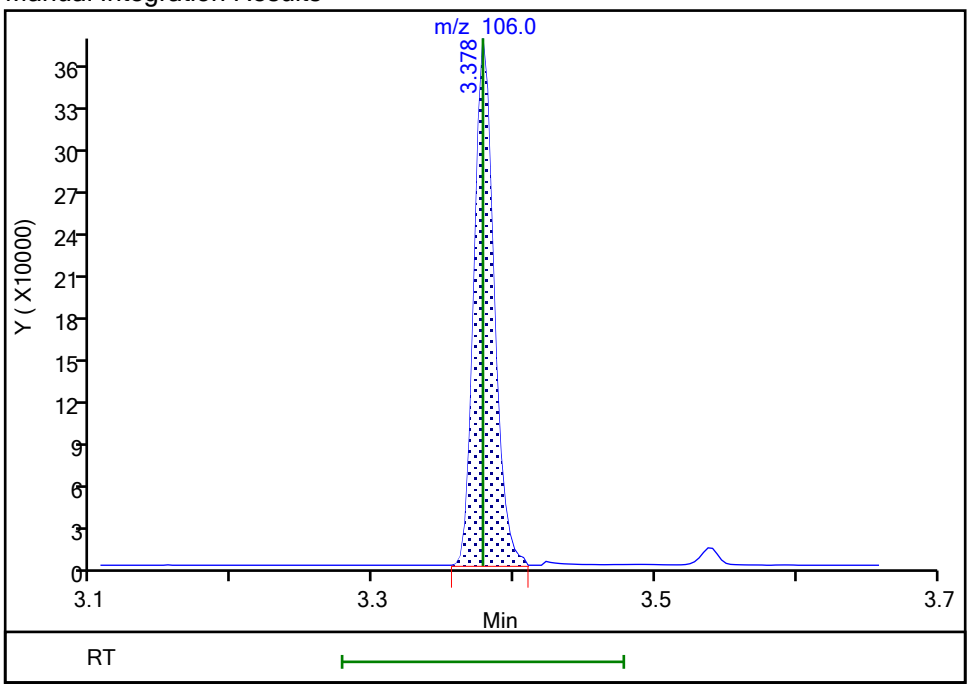
Not Detected
Expected RT: 3.38

Processing Integration Results




Manual Integration Results

RT: 3.38
Area: 365156
Amount: 49.477464
Amount Units: ug/ml




Reviewer: QQ8R, 10-Feb-2025 10:33:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

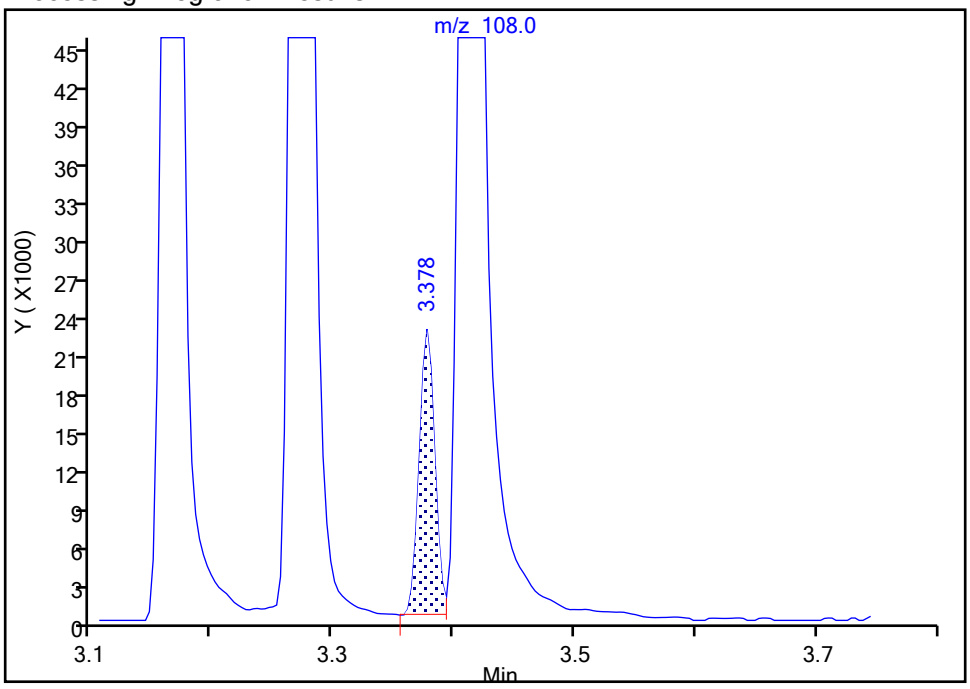
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d
Injection Date: 10-Feb-2025 10:15:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

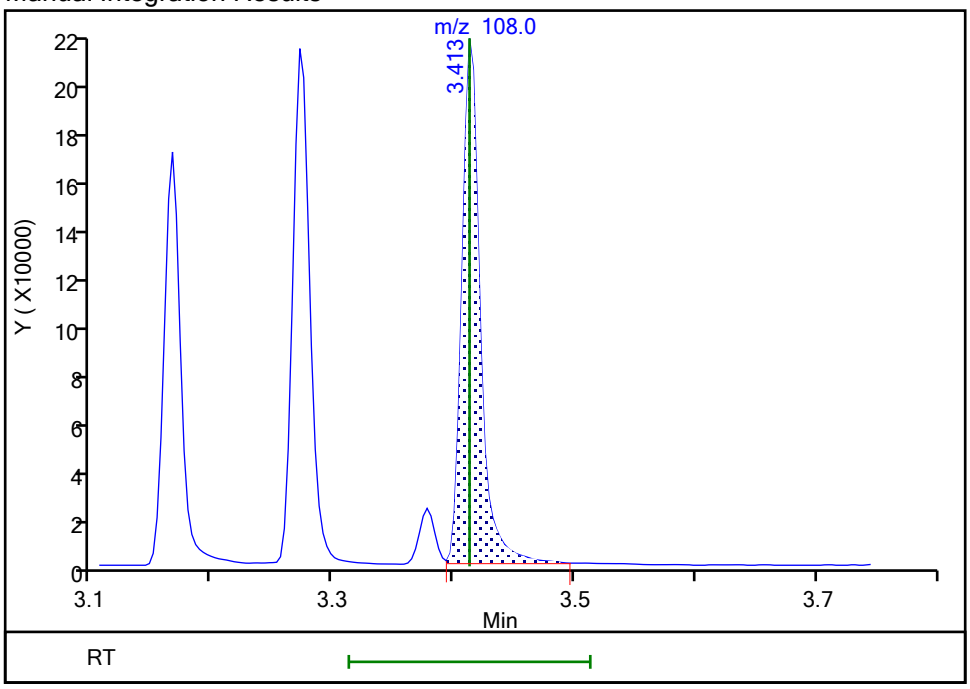
Processing Integration Results

RT: 3.38
Area: 20131
Amount: 4.378471
Amount Units: ug/ml




Manual Integration Results

RT: 3.41
Area: 223498
Amount: 48.610571
Amount Units: ug/ml




Reviewer: QQ8R, 10-Feb-2025 10:33:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Edison

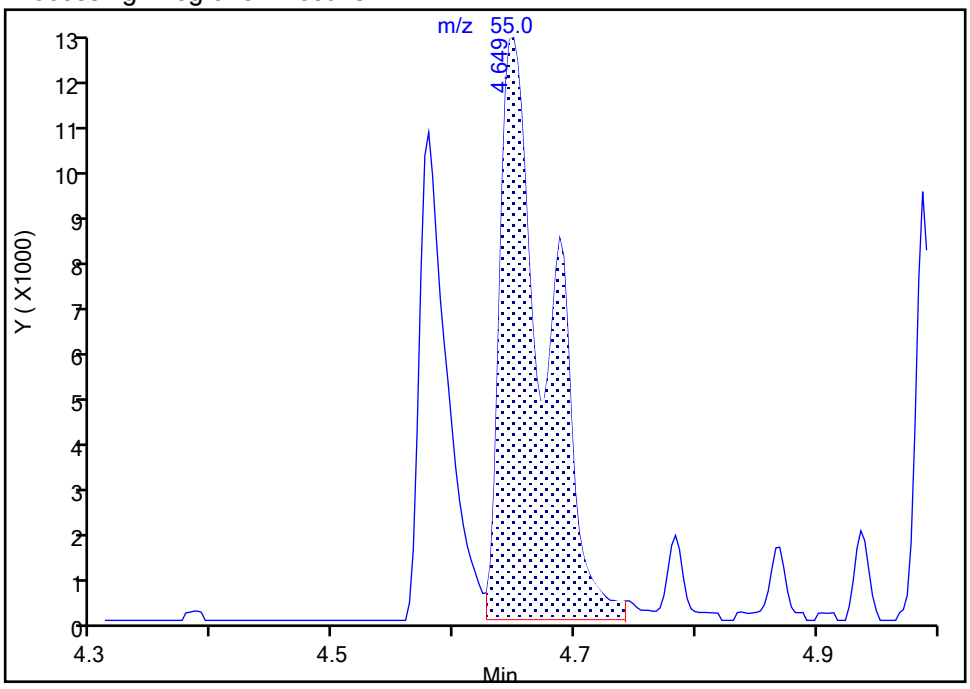
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250210-186725.b\X62103.d
Injection Date: 10-Feb-2025 10:15:30 Instrument ID: CBNAMS5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

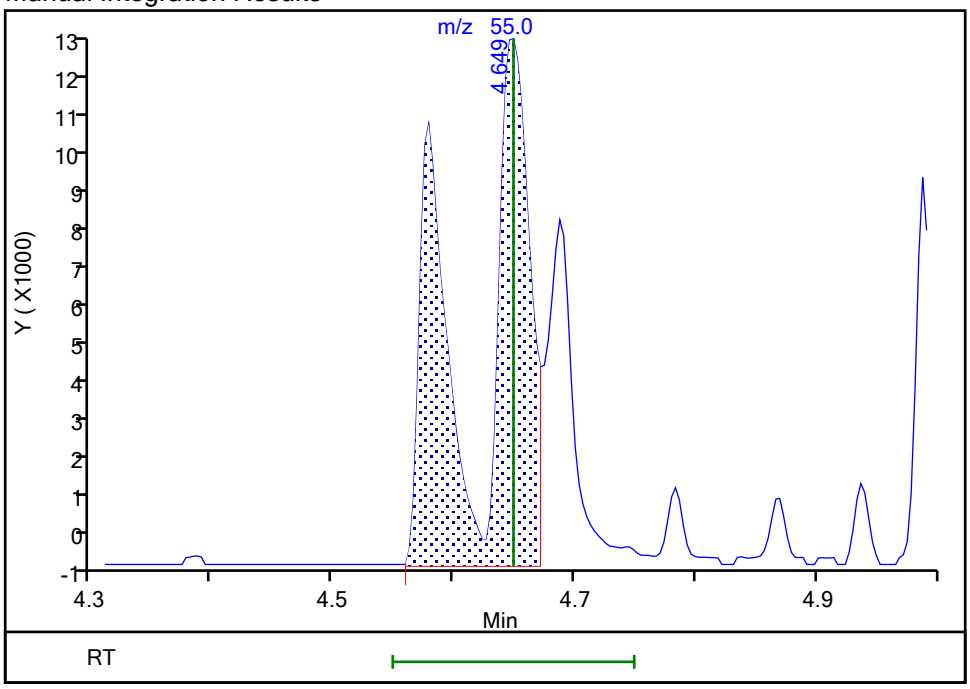
Processing Integration Results

RT: 4.65
Area: 34186
Amount: 16.199657
Amount Units: ug/ml




Manual Integration Results

RT: 4.65
Area: 38850
Amount: 18.409778
Amount Units: ug/ml




Reviewer: V5XH, 11-Feb-2025 11:43:14 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Poor chromatography

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 29-Jan-2025 06:40:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186276-001
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 29-Jan-2025 14:44:41 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1729

First Level Reviewer: G4KC Date: 29-Jan-2025 14:44:41

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 31 Pentachlorophenol_T | 266 | 3.422 | 3.422 | 0.000 | 95 | 658232 | NR | NR | |
| 56 Benzidine_T | 184 | 4.738 | 4.738 | 0.000 | 99 | 2947520 | NR | NR | |
| 124 DFTPP | | | | | | | | | |
| 125 4,4'-DDE | 246 | 4.894 | 4.894 | 0.000 | 87 | 849 | | NR | |
| 126 4,4'-DDD | 235 | 5.182 | 5.182 | 0.000 | 97 | 23440 | | NR | |
| 127 4,4'-DDT | 235 | 5.399 | 5.399 | 0.000 | 99 | 1420388 | NR | NR | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard

## Reagents:

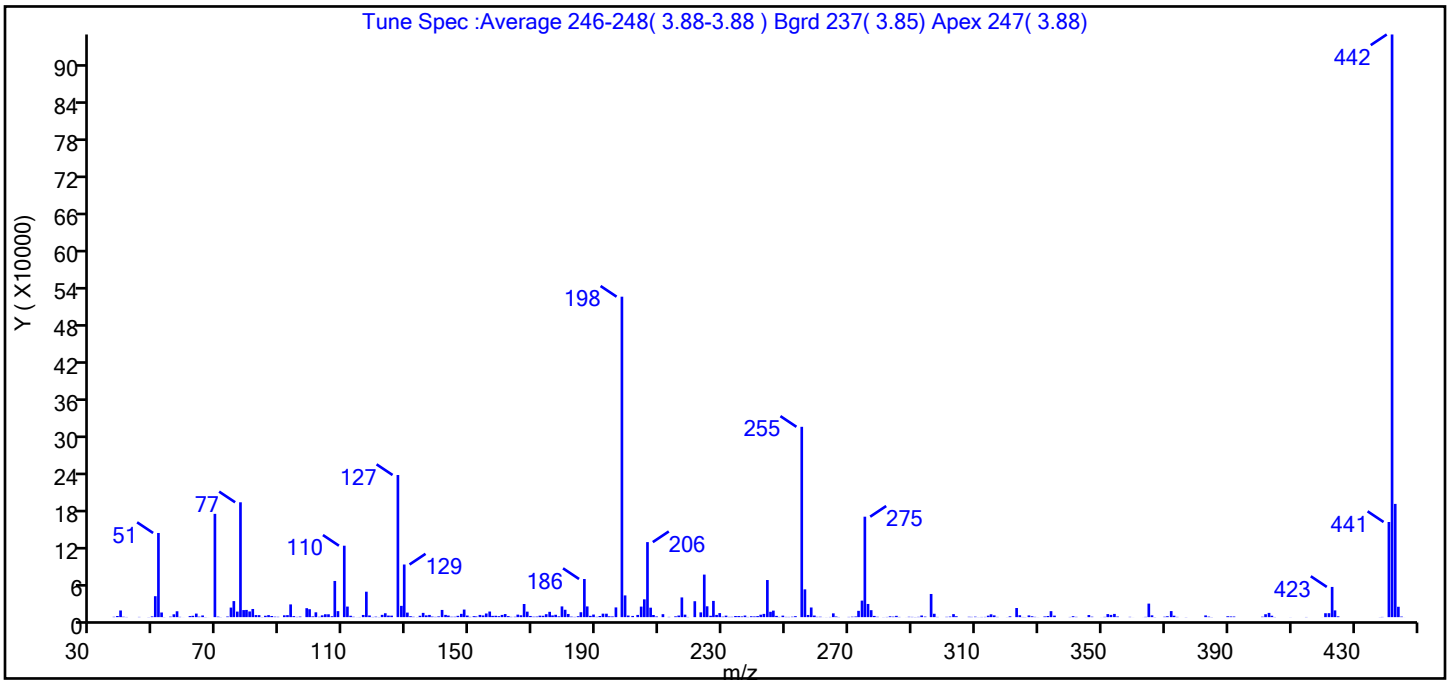
SMDFTP_CH_00036 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d
Injection Date: 29-Jan-2025 06:40:30 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 198 | Base peak or present | 100.0 |
| 68 | <2% of m/z 69 | 0.0 (0.0) |
| 69 | Present | 32.2 |
| 70 | <2% of m/z 69 | 0.2 (0.5) |
| 197 | <2% of m/z 198 | 0.0 |
| 199 | 5-9% of m/z 198 | 6.8 |
| 365 | >1% of m/z 198 | 4.2 |
| 441 | <150% of m/z 443 | 29.7 (84.0) |
| 442 | Present | 181.8 |
| 443 | 15-24% of m/z 442 | 35.3 (19.4) |

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d\8270LVI_14.rslt\spectra.d
Injection Date: 29-Jan-2025 06:40:30
Spectrum: Tune Spec :Average 246-248( 3.88-3.88 ) Bgrd 237( 3.85) Apex 247( 3.88)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 316

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 37.00 | 569 | 129.00 | 85632 | 211.00 | 4818 | 302.00 | 920 |
| 38.00 | 1851 | 130.00 | 7388 | 213.00 | 425 | 303.00 | 4908 |
| 39.00 | 10824 | 131.00 | 1514 | 215.00 | 1338 | 304.00 | 1439 |
| 40.00 | 676 | 132.00 | 630 | 216.00 | 2581 | 308.00 | 607 |
| 41.00 | 306 | 133.00 | 177 | 217.00 | 32080 | 309.00 | 445 |
| 45.00 | 370 | 134.00 | 2240 | 218.00 | 4070 | 310.00 | 765 |
| 48.00 | 192 | 135.00 | 6936 | 219.00 | 313 | 311.00 | 149 |
| 49.00 | 1178 | 136.00 | 2870 | 221.00 | 25896 | 312.00 | 325 |
| 50.00 | 34072 | 137.00 | 3622 | 223.00 | 7762 | 313.00 | 398 |
| 51.00 | 136896 | 138.00 | 942 | 224.00 | 69224 | 314.00 | 2407 |
| 52.00 | 7572 | 139.00 | 475 | 225.00 | 17640 | 315.00 | 4644 |
| 53.00 | 179 | 140.00 | 1205 | 226.00 | 2224 | 316.00 | 2861 |
| 55.00 | 800 | 141.00 | 11723 | 227.00 | 26424 | 317.00 | 407 |
| 56.00 | 4638 | 142.00 | 3672 | 228.00 | 3622 | 320.00 | 116 |
| 57.00 | 9557 | 143.00 | 2542 | 229.00 | 6596 | 321.00 | 1307 |
| 58.00 | 448 | 144.00 | 659 | 230.00 | 809 | 323.00 | 14854 |
| 59.00 | 51 | 145.00 | 665 | 231.00 | 2446 | 324.00 | 3095 |
| 61.00 | 1738 | 146.00 | 2179 | 232.00 | 480 | 325.00 | 323 |
| 62.00 | 2196 | 147.00 | 5357 | 233.00 | 548 | 326.00 | 253 |
| 63.00 | 5794 | 148.00 | 12346 | 234.00 | 1859 | 327.00 | 2831 |
| 64.00 | 766 | 149.00 | 2597 | 235.00 | 1760 | 328.00 | 1405 |
| 65.00 | 2731 | 150.00 | 450 | 236.00 | 1187 | 329.00 | 481 |
| 66.00 | 256 | 151.00 | 1590 | 237.00 | 2594 | 330.00 | 105 |
| 67.00 | 52 | 152.00 | 1113 | 238.00 | 357 | 332.00 | 1110 |
| 69.00 | 168000 | 153.00 | 3620 | 239.00 | 1468 | 333.00 | 1874 |
| 70.00 | 849 | 154.00 | 2747 | 240.00 | 1195 | 334.00 | 9745 |
| 71.00 | 198 | 155.00 | 5956 | 241.00 | 1728 | 335.00 | 2449 |
| 73.00 | 1036 | 156.00 | 9135 | 242.00 | 3970 | 340.00 | 326 |
| 74.00 | 15551 | 157.00 | 2090 | 243.00 | 5282 | 341.00 | 1558 |
| 75.00 | 26112 | 158.00 | 2238 | 244.00 | 60376 | 342.00 | 492 |
| 76.00 | 9021 | 159.00 | 1569 | 245.00 | 8680 | 345.00 | 75 |
| 77.00 | 186816 | 160.00 | 3616 | 246.00 | 10618 | 346.00 | 3395 |
| 78.00 | 11487 | 161.00 | 5040 | 247.00 | 2045 | 347.00 | 740 |

Report Date: 29-Jan-2025 14:44:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d\8270LVI_14.rslt\spectra.d
Injection Date: 29-Jan-2025 06:40:30
Spectrum: Tune Spec :Average 246-248( 3.88-3.88 ) Bgrd 237( 3.85) Apex 247( 3.88)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 316

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 79.00 | 11746 | 162.00 | 1661 | 248.00 | 388 | 350.00 | 56 |
| 80.00 | 9262 | 163.00 | 494 | 249.00 | 2430 | 351.00 | 444 |
| 81.00 | 13272 | 164.00 | 639 | 250.00 | 421 | 352.00 | 4959 |
| 82.00 | 3356 | 165.00 | 4083 | 251.00 | 400 | 353.00 | 3648 |
| 83.00 | 3229 | 166.00 | 3016 | 252.00 | 706 | 354.00 | 5249 |
| 84.00 | 227 | 167.00 | 21360 | 253.00 | 1603 | 355.00 | 1037 |
| 85.00 | 2251 | 168.00 | 8950 | 255.00 | 309568 | 359.00 | 465 |
| 86.00 | 3285 | 169.00 | 1931 | 256.00 | 45200 | 360.00 | 52 |
| 87.00 | 1871 | 170.00 | 744 | 257.00 | 3534 | 363.00 | 55 |
| 88.00 | 741 | 171.00 | 899 | 258.00 | 15714 | 364.00 | 444 |
| 89.00 | 569 | 172.00 | 2424 | 259.00 | 2595 | 365.00 | 22016 |
| 91.00 | 2997 | 173.00 | 2220 | 260.00 | 521 | 366.00 | 2927 |
| 92.00 | 3252 | 174.00 | 4793 | 261.00 | 637 | 367.00 | 231 |
| 93.00 | 20720 | 175.00 | 8672 | 262.00 | 53 | 370.00 | 694 |
| 94.00 | 1639 | 176.00 | 2772 | 263.00 | 128 | 371.00 | 1498 |
| 95.00 | 430 | 177.00 | 3868 | 264.00 | 329 | 372.00 | 9858 |
| 96.00 | 930 | 178.00 | 1237 | 265.00 | 6150 | 373.00 | 2318 |
| 98.00 | 14579 | 179.00 | 17464 | 266.00 | 1007 | 374.00 | 416 |
| 99.00 | 12917 | 180.00 | 12009 | 267.00 | 270 | 377.00 | 200 |
| 100.00 | 1198 | 181.00 | 5175 | 270.00 | 393 | 383.00 | 2805 |
| 101.00 | 7861 | 182.00 | 837 | 271.00 | 765 | 384.00 | 881 |
| 102.00 | 568 | 183.00 | 427 | 272.00 | 1045 | 385.00 | 229 |
| 103.00 | 2921 | 184.00 | 1502 | 273.00 | 10266 | 390.00 | 1468 |
| 104.00 | 4725 | 185.00 | 8003 | 274.00 | 26888 | 391.00 | 1115 |
| 105.00 | 4655 | 186.00 | 62048 | 275.00 | 163392 | 392.00 | 1039 |
| 106.00 | 1459 | 187.00 | 17432 | 276.00 | 21448 | 401.00 | 742 |
| 107.00 | 58856 | 188.00 | 2078 | 277.00 | 11327 | 402.00 | 4749 |
| 108.00 | 9791 | 189.00 | 4212 | 278.00 | 1994 | 403.00 | 6905 |
| 110.00 | 116192 | 190.00 | 512 | 279.00 | 597 | 404.00 | 2260 |
| 111.00 | 17192 | 191.00 | 1854 | 281.00 | 162 | 405.00 | 280 |
| 112.00 | 2247 | 192.00 | 5670 | 282.00 | 339 | 410.00 | 122 |
| 113.00 | 636 | 193.00 | 5607 | 283.00 | 1336 | 415.00 | 273 |
| 114.00 | 129 | 194.00 | 1340 | 284.00 | 857 | 420.00 | 62 |
| 115.00 | 284 | 195.00 | 1183 | 285.00 | 2118 | 421.00 | 6365 |

Report Date: 29-Jan-2025 14:44:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d\8270LVI_14.rslt\spectra.d
Injection Date: 29-Jan-2025 06:40:30
Spectrum: Tune Spec :Average 246-248( 3.88-3.88 ) Bgrd 237( 3.85) Apex 247( 3.88)
Base Peak: 442.10
Minimum % Base Peak: 0
Number of Points: 316

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 116.00 | 3539 | 196.00 | 15825 | 286.00 | 370 | 422.00 | 6454 |
| 117.00 | 41384 | 198.00 | 521216 | 288.00 | 52 | 423.00 | 49144 |
| 118.00 | 2757 | 199.00 | 35344 | 289.00 | 604 | 424.00 | 10976 |
| 119.00 | 334 | 200.00 | 2619 | 290.00 | 425 | 425.00 | 1273 |
| 120.00 | 812 | 201.00 | 1971 | 291.00 | 258 | 438.00 | 182 |
| 121.00 | 278 | 203.00 | 3622 | 292.00 | 496 | 439.00 | 350 |
| 122.00 | 3707 | 204.00 | 17136 | 293.00 | 2650 | 441.00 | 154752 |
| 123.00 | 6337 | 205.00 | 28960 | 294.00 | 876 | 442.00 | 947712 |
| 124.00 | 2541 | 206.00 | 122048 | 296.00 | 37672 | 443.00 | 184192 |
| 125.00 | 2421 | 207.00 | 15391 | 297.00 | 5492 | 444.00 | 16864 |
| 127.00 | 231168 | 208.00 | 3503 | 298.00 | 376 | 445.00 | 920 |
| 128.00 | 18336 | 209.00 | 1105 | 301.00 | 525 | 446.00 | 50 |

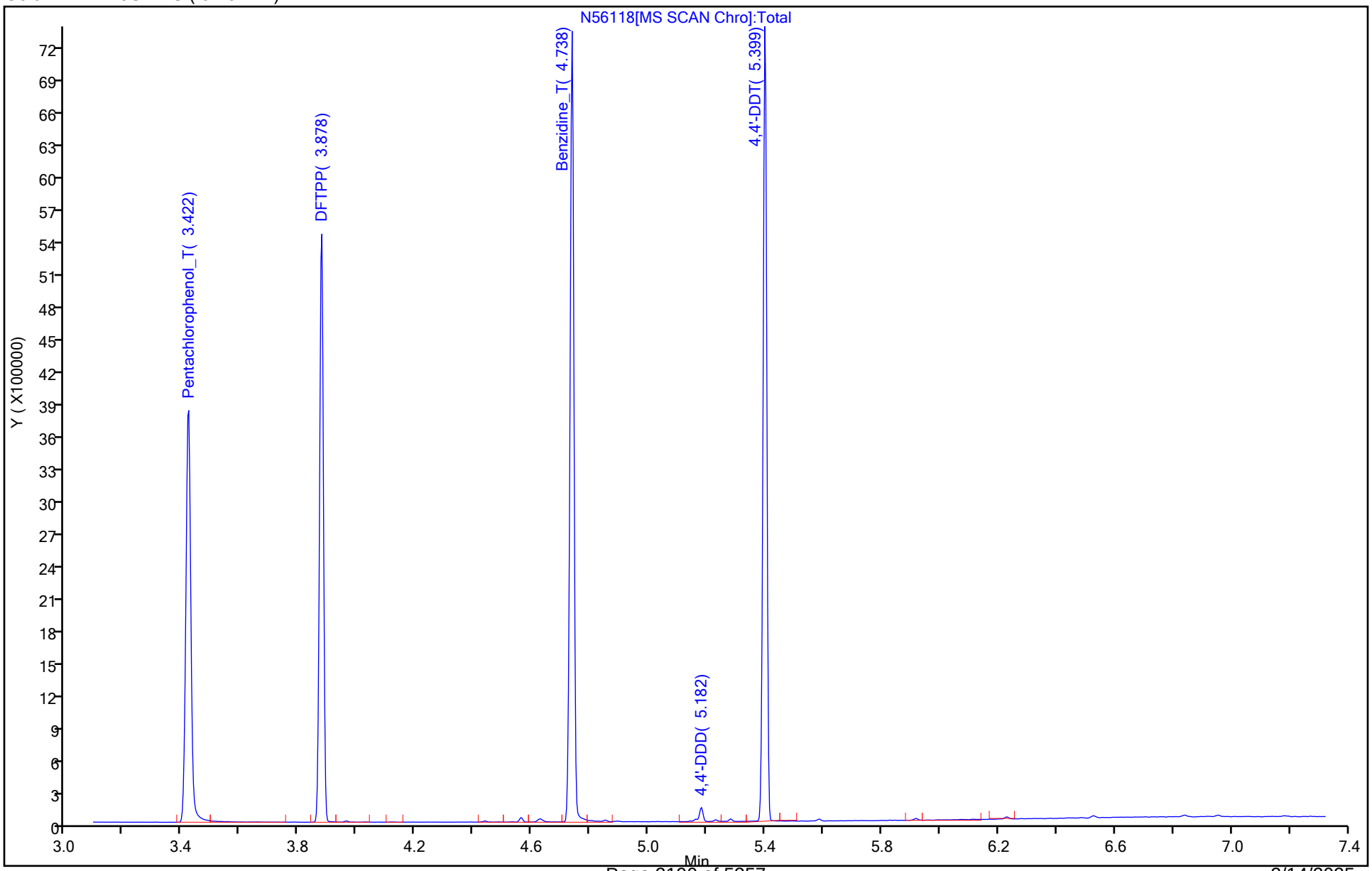
Report Date: 29-Jan-2025 14:44:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 29-Jan-2025 06:40:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | DFTPP | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d
Injection Date: 29-Jan-2025 06:40:30 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

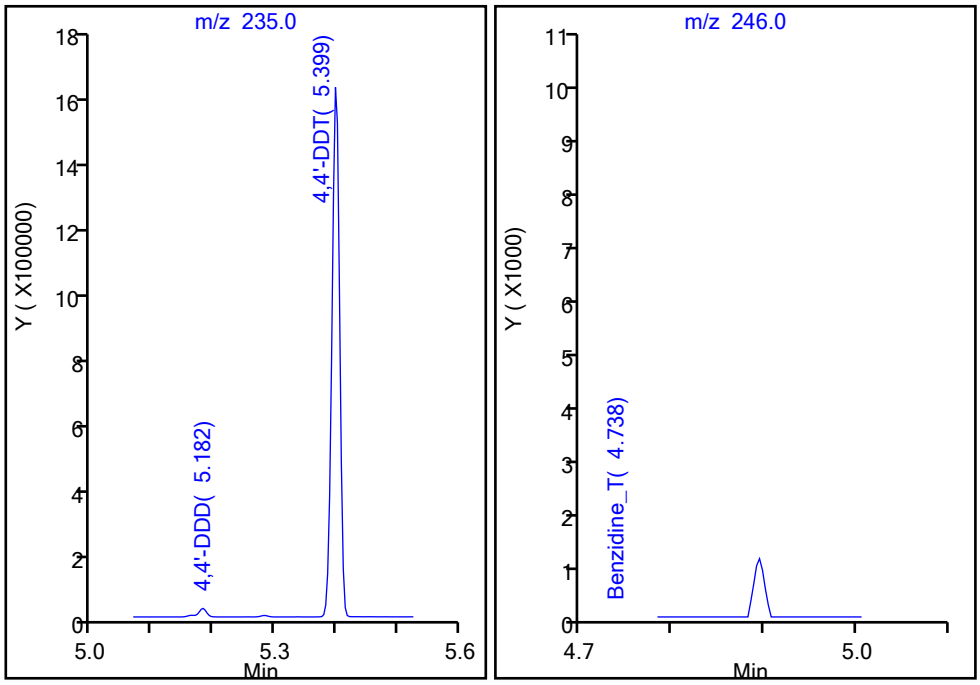
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 1420388
126 4,4'-DDD, Area = 23440
125 4,4'-DDE, Area = 849

%Breakdown: 1.68%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

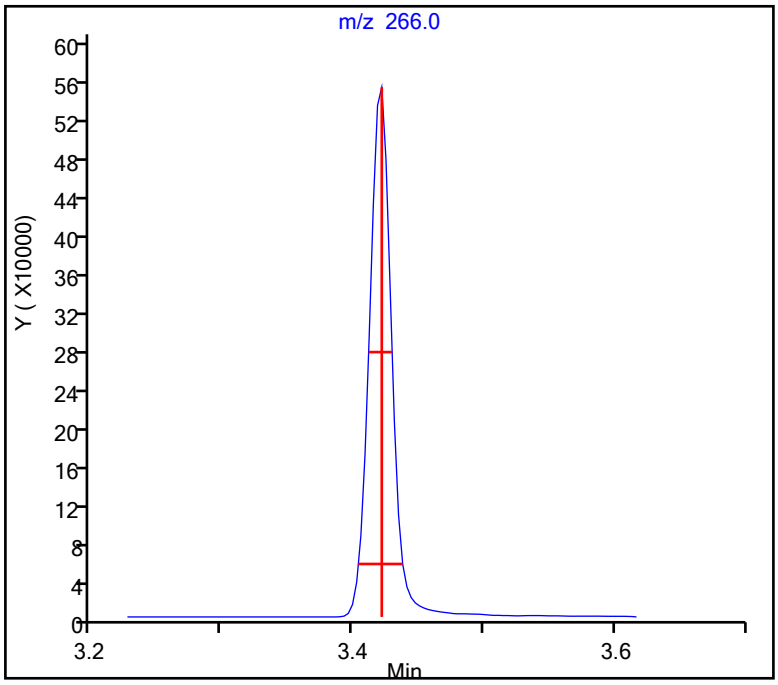
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d
Injection Date: 29-Jan-2025 06:40:30 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

31 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.016 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 0.89, Max. Tailing <= 2.00
Passed
---



Peak Tailing Report

Eurofins Edison

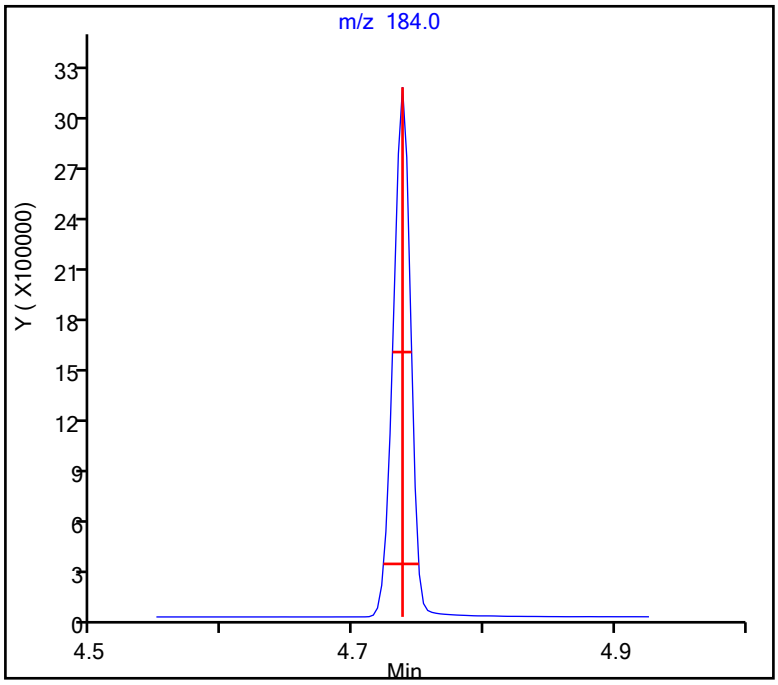
Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56118.d
Injection Date: 29-Jan-2025 06:40:30 Instrument ID: CBNAMS14
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL

56 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.015 (min.)

Tailing Factor = 0.80, Max. Tailing <= 2.00
Passed
---



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Lims ID: DFTPP
Client ID:
Sample Type: DFTPP
Inject. Date: 04-Feb-2025 05:47:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186501-001
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 04-Feb-2025 10:28:02 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1610

First Level Reviewer: G4KC Date: 04-Feb-2025 09:15:30

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 30 Pentachlorophenol_T | 266 | 4.487 | 4.487 | 0.000 | 88 | 75618 | NR | NR | |
| 124 DFTPP | | | | | | | | | |
| 55 Benzidine_T | 184 | 5.722 | 5.722 | 0.000 | 99 | 340405 | NR | NR | |
| 125 4,4'-DDE | 246 | 6.175 | 6.175 | 0.000 | 1 | 277 | | NC | a |
| 126 4,4'-DDD | 235 | 6.274 | 6.274 | 0.000 | 1 | 566 | | NC | |
| 127 4,4'-DDT | 235 | 6.399 | 6.399 | 0.000 | 98 | 186005 | NC | NC | |

## QC Flag Legend

Processing Flags
NR - Missing Quant Standard
NC - Not Calibrated
Review Flags
a - User Assigned ID

## Reagents:

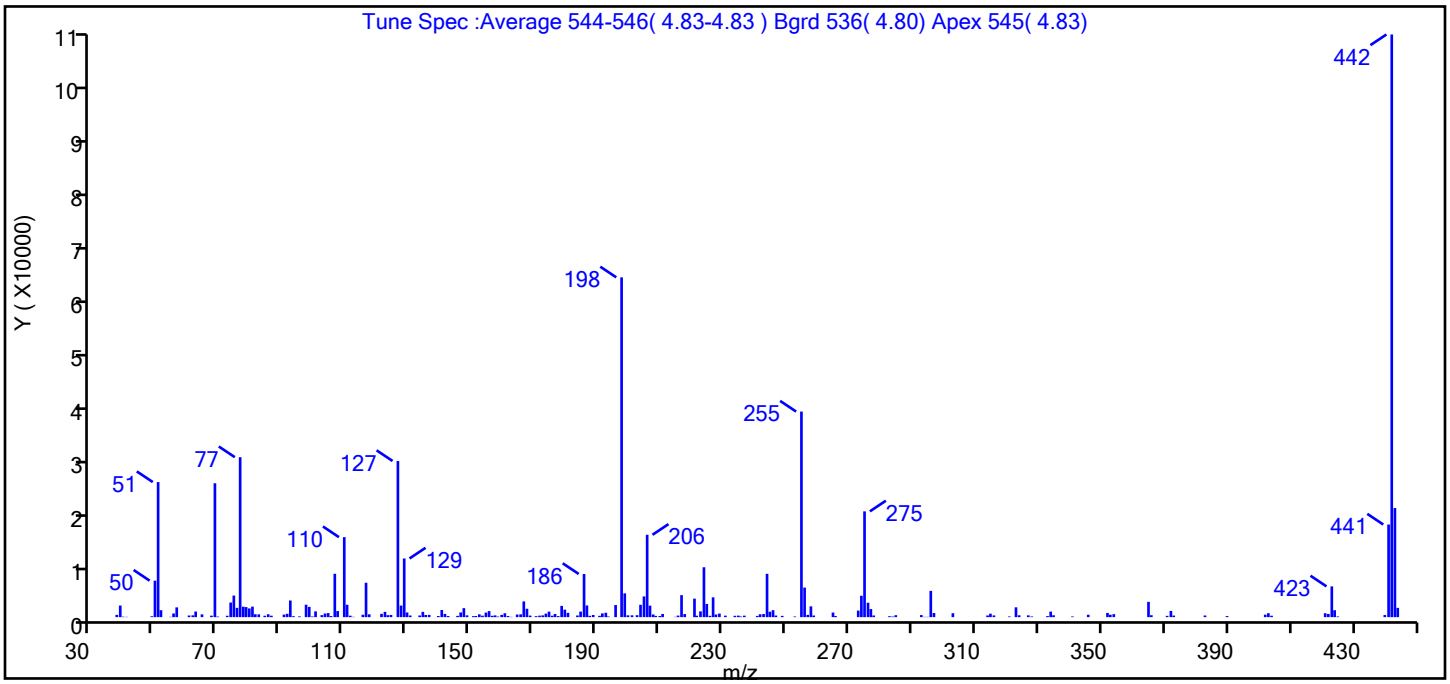
SMDFTP_CH_00037 Amount Added: 1.00 Units: mL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Injection Date: 04-Feb-2025 05:47:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Tune Method: DFTPP Method 8270E, BP 198

124 DFTPP




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 198 | Base peak or present | 100.0 |
| 68 | <2% of m/z 69 | 0.4 (1.1) |
| 69 | Present | 39.4 |
| 70 | <2% of m/z 69 | 0.2 (0.4) |
| 197 | <2% of m/z 198 | 0.0 |
| 199 | 5-9% of m/z 198 | 7.0 |
| 365 | >1% of m/z 198 | 4.5 |
| 441 | <150% of m/z 443 | 27.3 (84.9) |
| 442 | Present | 171.5 |
| 443 | 15-24% of m/z 442 | 32.1 (18.7) |

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d\8270_5R.rslt\spectra.d
Injection Date: 04-Feb-2025 05:47:30
Spectrum: Tune Spec :Average 544-546( 4.83-4.83 ) Bgrd 536( 4.80) Apex 545( 4.83)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 214

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 38.00 | 412 | 118.00 | 515 | 187.00 | 2130 | 266.00 | 202 |
| 39.00 | 2118 | 122.00 | 606 | 188.00 | 241 | 273.00 | 1198 |
| 40.00 | 86 | 123.00 | 967 | 189.00 | 393 | 274.00 | 3907 |
| 41.00 | 52 | 124.00 | 362 | 191.00 | 241 | 275.00 | 19312 |
| 44.00 | 6 | 125.00 | 388 | 192.00 | 685 | 276.00 | 2638 |
| 49.00 | 160 | 127.00 | 28512 | 193.00 | 802 | 277.00 | 1478 |
| 50.00 | 6661 | 128.00 | 2114 | 194.00 | 117 | 278.00 | 303 |
| 51.00 | 24664 | 129.00 | 10713 | 196.00 | 2210 | 283.00 | 174 |
| 52.00 | 1267 | 130.00 | 851 | 198.00 | 62040 | 284.00 | 113 |
| 55.00 | 54 | 131.00 | 300 | 199.00 | 4342 | 285.00 | 356 |
| 56.00 | 671 | 134.00 | 303 | 200.00 | 333 | 293.00 | 375 |
| 57.00 | 1782 | 135.00 | 966 | 201.00 | 334 | 294.00 | 52 |
| 61.00 | 296 | 136.00 | 394 | 203.00 | 354 | 295.00 | 52 |
| 62.00 | 331 | 137.00 | 413 | 204.00 | 2258 | 296.00 | 4798 |
| 63.00 | 1026 | 140.00 | 207 | 205.00 | 3783 | 297.00 | 756 |
| 65.00 | 507 | 141.00 | 1307 | 206.00 | 15037 | 303.00 | 714 |
| 68.00 | 270 | 142.00 | 594 | 207.00 | 2094 | 314.00 | 309 |
| 69.00 | 24448 | 143.00 | 209 | 208.00 | 489 | 315.00 | 628 |
| 70.00 | 107 | 146.00 | 233 | 209.00 | 230 | 316.00 | 315 |
| 73.00 | 250 | 147.00 | 857 | 210.00 | 203 | 321.00 | 126 |
| 74.00 | 2663 | 148.00 | 1642 | 211.00 | 578 | 323.00 | 1793 |
| 75.00 | 3938 | 149.00 | 328 | 215.00 | 51 | 324.00 | 340 |
| 76.00 | 1694 | 151.00 | 179 | 216.00 | 283 | 327.00 | 328 |
| 77.00 | 29208 | 152.00 | 214 | 217.00 | 4020 | 328.00 | 125 |
| 78.00 | 1905 | 153.00 | 511 | 218.00 | 561 | 333.00 | 194 |
| 79.00 | 1836 | 154.00 | 272 | 221.00 | 3375 | 334.00 | 1015 |
| 80.00 | 1591 | 155.00 | 829 | 222.00 | 262 | 335.00 | 342 |
| 81.00 | 1916 | 156.00 | 1102 | 223.00 | 1054 | 341.00 | 127 |
| 82.00 | 529 | 157.00 | 244 | 224.00 | 9111 | 346.00 | 439 |
| 83.00 | 506 | 158.00 | 321 | 225.00 | 2412 | 352.00 | 765 |
| 85.00 | 253 | 159.00 | 104 | 226.00 | 245 | 353.00 | 442 |
| 86.00 | 528 | 160.00 | 414 | 227.00 | 3616 | 354.00 | 547 |
| 87.00 | 262 | 161.00 | 706 | 228.00 | 488 | 365.00 | 2788 |

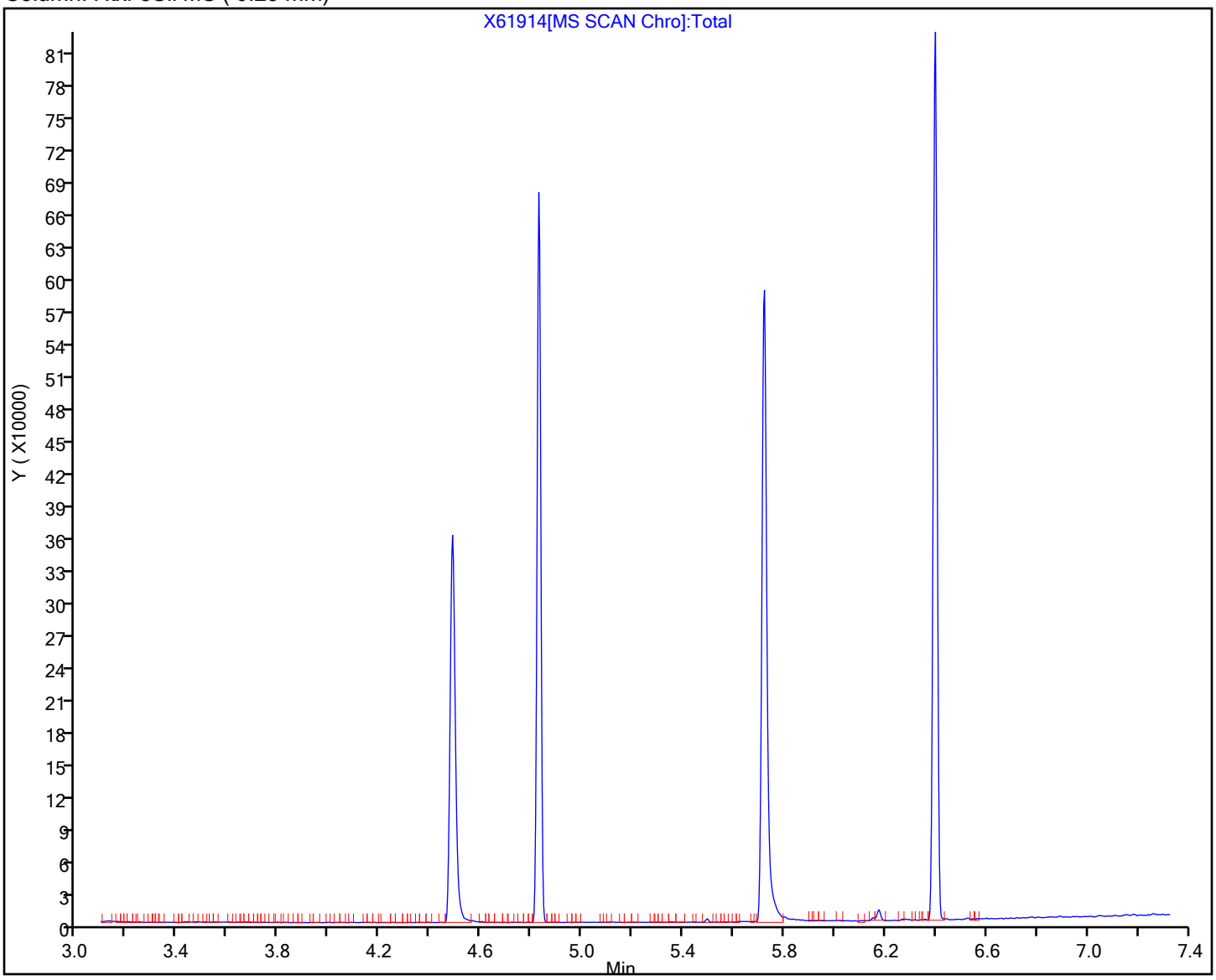
Report Date: 04-Feb-2025 10:28:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d\8270_5R.rslt\spectra.d
Injection Date: 04-Feb-2025 05:47:30
Spectrum: Tune Spec :Average 544-546( 4.83-4.83 ) Bgrd 536( 4.80) Apex 545( 4.83)
Base Peak: 442.00
Minimum % Base Peak: 0
Number of Points: 214

| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 91.00 | 468 | 162.00 | 199 | 229.00 | 654 | 366.00 | 350 |
| 92.00 | 612 | 163.00 | 53 | 231.00 | 274 | 371.00 | 236 |
| 93.00 | 3038 | 165.00 | 476 | 234.00 | 249 | 372.00 | 1137 |
| 94.00 | 173 | 166.00 | 515 | 235.00 | 279 | 373.00 | 289 |
| 96.00 | 142 | 167.00 | 2869 | 236.00 | 114 | 383.00 | 301 |
| 98.00 | 2268 | 168.00 | 1528 | 237.00 | 271 | 390.00 | 199 |
| 99.00 | 1873 | 169.00 | 286 | 241.00 | 224 | 402.00 | 449 |
| 100.00 | 116 | 171.00 | 180 | 242.00 | 527 | 403.00 | 721 |
| 101.00 | 1053 | 172.00 | 275 | 243.00 | 570 | 404.00 | 259 |
| 103.00 | 369 | 173.00 | 320 | 244.00 | 7911 | 421.00 | 717 |
| 104.00 | 664 | 174.00 | 642 | 245.00 | 990 | 422.00 | 581 |
| 105.00 | 740 | 175.00 | 1004 | 246.00 | 1271 | 423.00 | 5615 |
| 106.00 | 201 | 176.00 | 262 | 247.00 | 294 | 424.00 | 1264 |
| 107.00 | 7916 | 177.00 | 574 | 249.00 | 232 | 425.00 | 122 |
| 108.00 | 1117 | 178.00 | 195 | 253.00 | 121 | 440.00 | 386 |
| 110.00 | 14605 | 179.00 | 2052 | 255.00 | 37536 | 441.00 | 16912 |
| 111.00 | 2263 | 180.00 | 1369 | 256.00 | 5397 | 442.00 | 106384 |
| 112.00 | 264 | 181.00 | 784 | 257.00 | 416 | 443.00 | 19920 |
| 113.00 | 56 | 184.00 | 307 | 258.00 | 1968 | 444.00 | 1695 |
| 116.00 | 433 | 185.00 | 1010 | 259.00 | 297 | | |
| 117.00 | 6279 | 186.00 | 7883 | 265.00 | 841 | | |

Report Date: 04-Feb-2025 10:28:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Injection Date: 04-Feb-2025 05:47:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)



Breakdown Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Injection Date: 04-Feb-2025 05:47:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

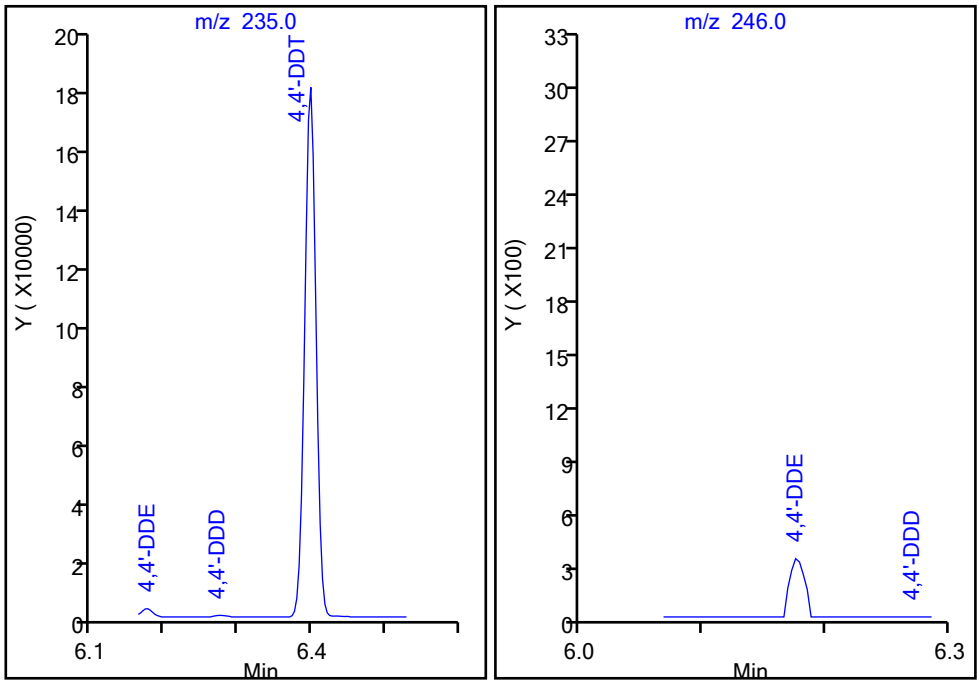
127 4,4'-DDT, Detector: MS SCAN

SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

127 4,4'-DDT, Area = 186005
126 4,4'-DDD, Area = 566
125 4,4'-DDE, Area = 277

%Breakdown: 0.45%, <= 20.00%
Passed



Peak Tailing Report

Eurofins Edison

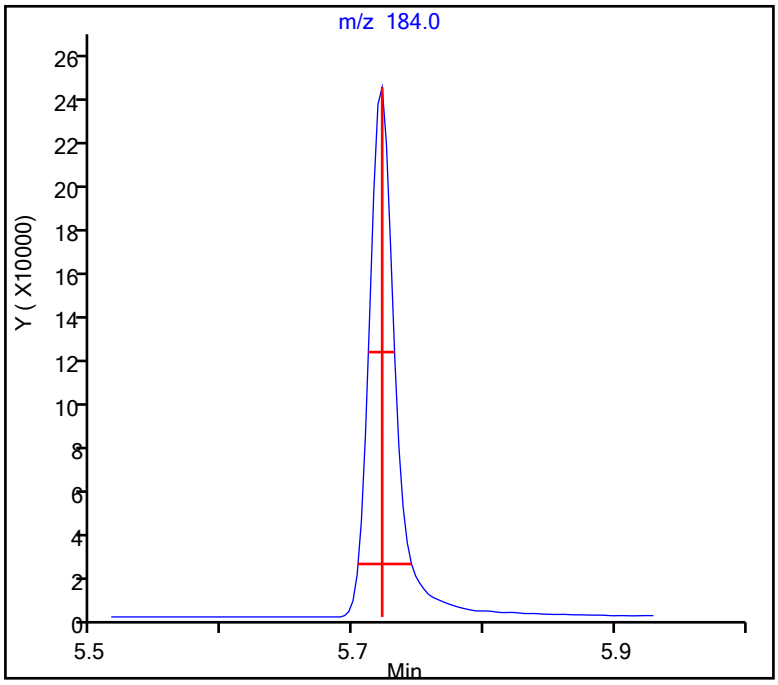
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Injection Date: 04-Feb-2025 05:47:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

55 Benzidine_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.022 (min.)
Front Width = 0.019 (min.)

Tailing Factor = 1.16, Max. Tailing <= 2.00
Passed
---



Peak Tailing Report

Eurofins Edison

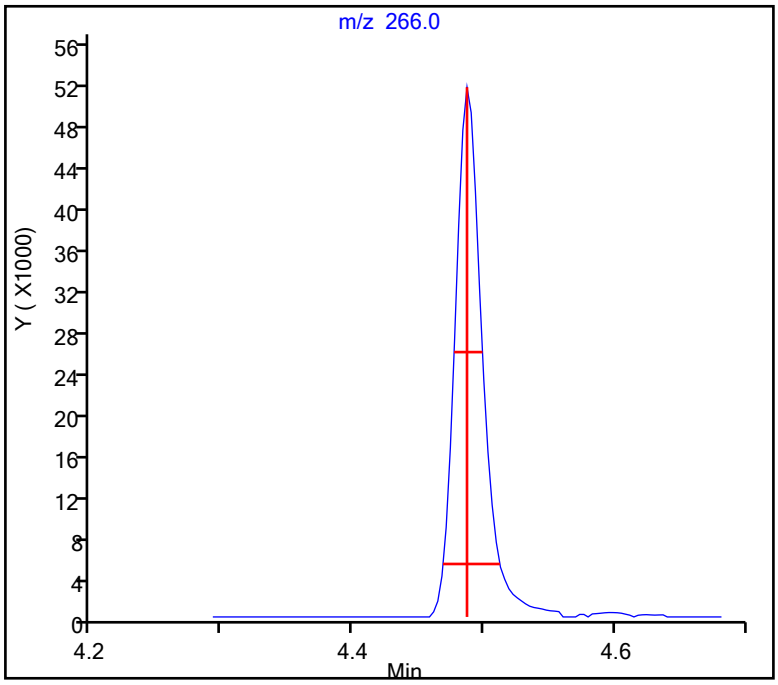
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61914.d
Injection Date: 04-Feb-2025 05:47:30 Instrument ID: CBNAMS5
Lims ID: DFTPP
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL

30 Pentachlorophenol_T, Detector: MS SCAN

Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.025 (min.)
Front Width = 0.018 (min.)

Tailing Factor = 1.39, Max. Tailing <= 2.00
Passed
---



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020073/1-A

Matrix: Water | Lab File ID: N56276.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 13:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 5.0 | U | 5.0 | 1.2 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 10 | U | 10 | 1.2 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 10 | U | 10 | 0.63 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 10 | U | 10 | 0.75 |
| 95-95-4 | 2,4,5-Trichlorophenol | 10 | U | 10 | 0.88 |
| 88-06-2 | 2,4,6-Trichlorophenol | 3.0 | U | 3.0 | 0.86 |
| 120-83-2 | 2,4-Dichlorophenol | 10 | U | 10 | 1.1 |
| 105-67-9 | 2,4-Dimethylphenol | 10 | U | 10 | 0.62 |
| 51-28-5 | 2,4-Dinitrophenol | 40 | U | 40 | 11 |
| 121-14-2 | 2,4-Dinitrotoluene | 10 | U | 10 | 1.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 2.0 | U | 2.0 | 0.83 |
| 91-58-7 | 2-Chloronaphthalene | 10 | U | 10 | 1.2 |
| 95-57-8 | 2-Chlorophenol | 10 | U | 10 | 0.95 |
| 91-57-6 | 2-Methylnaphthalene | 10 | U | 10 | 0.53 |
| 95-48-7 | 2-Methylphenol | 10 | U | 10 | 0.67 |
| 88-74-4 | 2-Nitroaniline | 10 | U | 10 | 1.2 |
| 88-75-5 | 2-Nitrophenol | 10 | U | 10 | 0.75 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 5.2 | U | 5.2 | 1.4 |
| 99-09-2 | 3-Nitroaniline | 10 | U | 10 | 1.9 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 20 | U | 20 | 8.6 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 10 | U | 10 | 0.75 |
| 59-50-7 | 4-Chloro-3-methylphenol | 10 | U | 10 | 1.3 |
| 106-47-8 | 4-Chloroaniline | 5.0 | U | 5.0 | 1.9 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 10 | U | 10 | 1.3 |
| 106-44-5 | 4-Methylphenol | 10 | U | 10 | 0.65 |
| 100-01-6 | 4-Nitroaniline | 10 | U | 10 | 1.2 |
| 100-02-7 | 4-Nitrophenol | 20 | U | 20 | 4.0 |
| 83-32-9 | Acenaphthene | 10 | U | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 10 | U | 10 | 0.82 |
| 98-86-2 | Acetophenone | 10 | U | 10 | 2.3 |
| 120-12-7 | Anthracene | 10 | U | 10 | 1.3 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020073/1-A

Matrix: Water | Lab File ID: N56276.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 13:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 1912-24-9 | Atrazine | 2.0 | U | 2.0 | 1.3 |
| 100-52-7 | Benzaldehyde | 10 | U | 10 | 2.1 |
| 56-55-3 | Benzo[a]anthracene | 1.0 | U | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 1.0 | U | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 2.0 | U | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 10 | U | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 1.0 | U | 1.0 | 0.67 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 10 | U | 10 | 0.59 |
| 111-44-4 | Bis(2-chloroethyl)ether | 1.0 | U | 1.0 | 0.63 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 2.0 | U | 2.0 | 0.80 |
| 85-68-7 | Butyl benzyl phthalate | 10 | U | 10 | 0.85 |
| 105-60-2 | Caprolactam | 10 | U | 10 | 2.2 |
| 86-74-8 | Carbazole | 10 | U | 10 | 0.68 |
| 218-01-9 | Chrysene | 2.0 | U | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 1.0 | U | 1.0 | 0.72 |
| 132-64-9 | Dibenzofuran | 10 | U | 10 | 1.1 |
| 84-66-2 | Diethyl phthalate | 10 | U | 10 | 0.98 |
| 131-11-3 | Dimethyl phthalate | 10 | U | 10 | 0.77 |
| 84-74-2 | Di-n-butyl phthalate | 10 | U | 10 | 0.84 |
| 117-84-0 | Di-n-octyl phthalate | 10 | U | 10 | 4.0 |
| 206-44-0 | Fluoranthene | 10 | U | 10 | 0.84 |
| 86-73-7 | Fluorene | 10 | U | 10 | 0.91 |
| 118-74-1 | Hexachlorobenzene | 1.0 | U | 1.0 | 0.40 |
| 87-68-3 | Hexachlorobutadiene | 1.0 | U | 1.0 | 0.78 |
| 77-47-4 | Hexachlorocyclopentadiene | 10 | U | 10 | 3.6 |
| 67-72-1 | Hexachloroethane | 0.80 | U | 0.80 | 0.31 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.0 | U | 2.0 | 0.94 |
| 78-59-1 | Isophorone | 10 | U | 10 | 0.80 |
| 91-20-3 | Naphthalene | 2.0 | U | 2.0 | 0.54 |
| 98-95-3 | Nitrobenzene | 1.0 | U | 1.0 | 0.57 |
| 621-64-7 | N-Nitrosodi-n-propylamine | 1.0 | U | 1.0 | 0.43 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020073/1-A

Matrix: Water | Lab File ID: N56276.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 13:08

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 86-30-6 | N-Nitrosodiphenylamine | 10 | U | 10 | 0.89 |
| 87-86-5 | Pentachlorophenol | 20 | U | 20 | 6.6 |
| 85-01-8 | Phenanthrene | 10 | U | 10 | 1.3 |
| 108-95-2 | Phenol | 10 | U | 10 | 0.29 |
| 129-00-0 | Pyrene | 10 | U | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 95 | | 37-150 |
| 321-60-8 | 2-Fluorobiphenyl | 88 | | 46-139 |
| 367-12-4 | 2-Fluorophenol (Surr) | 47 | | 16-80 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 92 | | 51-145 |
| 4165-62-2 | Phenol-d5 (Surr) | 32 | | 10-56 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 91 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Lims ID: MB 460-1020073/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 13:08:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-007
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 08-Feb-2025 13:05:53 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: G4KC Date: 07-Feb-2025 13:30:24

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.134 | 2.191 | 0.012 | 96 | 585862 | 10.0 | 4.69 | |
| $ 6 Phenol-d5 | 99 | 2.973 | 3.192 | -0.014 | 93 | 495247 | 10.0 | 3.20 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.306 | 3.304 | 0.002 | 94 | 840399 | 8.00 | 8.00 | |
| $ 27 Nitrobenzene-d5 | 82 | 3.874 | 3.881 | -0.005 | 84 | 1135108 | 10.0 | 9.24 | |
| * 38 Naphthalene-d8 | 136 | 4.573 | 4.573 | 0.000 | 99 | 2860466 | 8.00 | 8.00 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.642 | 5.643 | -0.002 | 97 | 2556159 | 10.0 | 8.77 | |
| * 64 Acenaphthene-d10 | 164 | 6.251 | 6.256 | -0.005 | 95 | 1494226 | 8.00 | 8.00 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.995 | 7.000 | -0.007 | 88 | 561615 | 10.0 | 9.53 | |
| * 87 Phenanthrene-d10 | 188 | 7.637 | 7.642 | -0.005 | 98 | 2731285 | 8.00 | 8.00 | |
| $ 96 Terphenyl-d14 | 244 | 9.172 | 9.171 | -0.001 | 98 | 2866801 | 10.0 | 9.08 | |
| * 102 Chrysene-d12 | 240 | 10.114 | 10.121 | -0.007 | 99 | 1957123 | 8.00 | 8.00 | |
| * 109 Perylene-d12 | 264 | 11.593 | 11.595 | -0.002 | 100 | 1653382 | 8.00 | 8.00 | |

## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

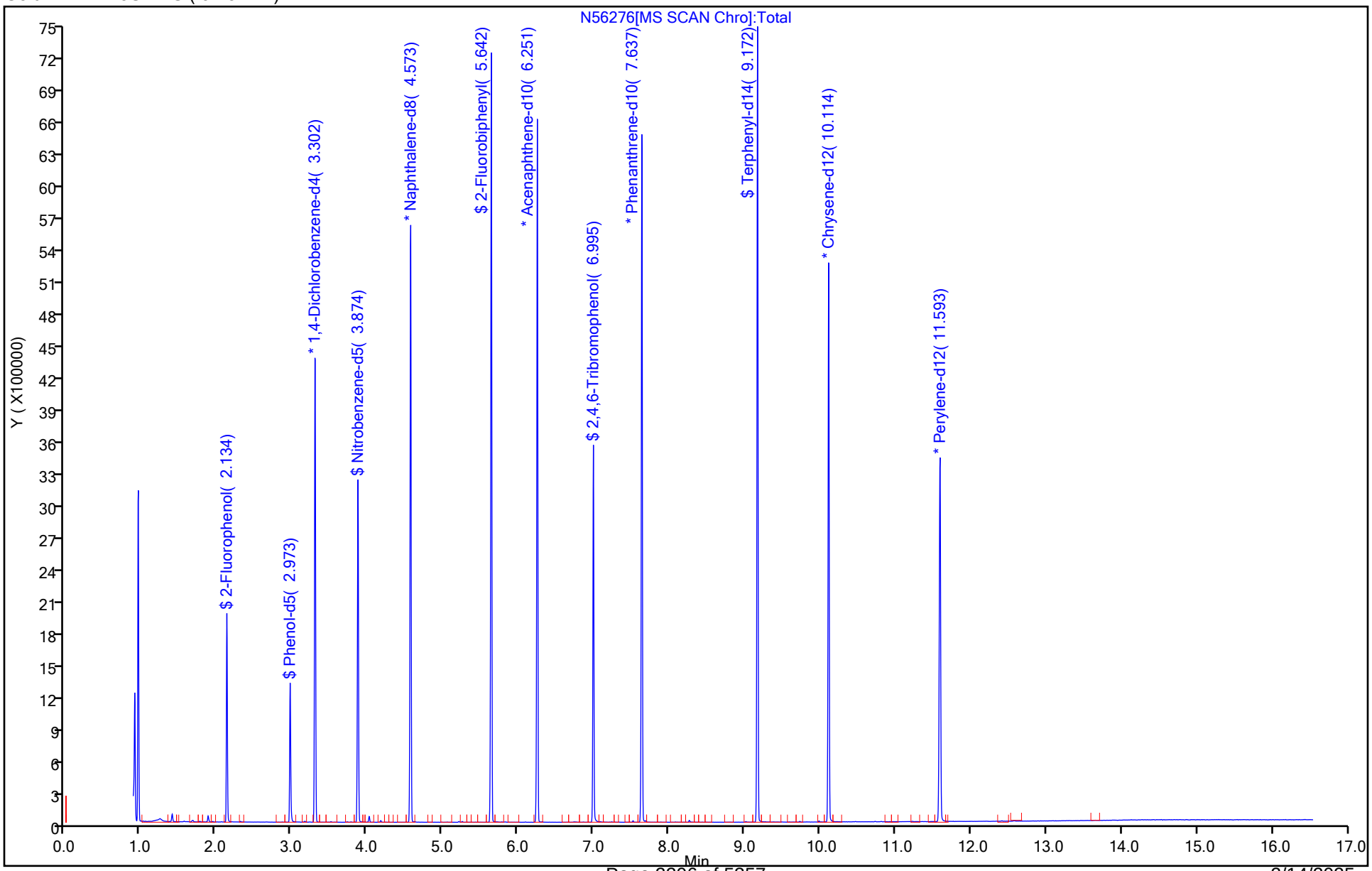
Report Date: 09-Feb-2025 08:38:28 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 13:08:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | MB 460-1020073/1-A | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Lims ID: MB 460-1020073/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 13:08:30 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-007
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 08-Feb-2025 13:05:53 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: G4KC Date: 07-Feb-2025 13:30:24

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.69 | 46.86 |
| $ 6 Phenol-d5 | 10.0 | 3.20 | 32.00 |
| $ 27 Nitrobenzene-d5 | 10.0 | 9.24 | 92.38 |
| $ 51 2-Fluorobiphenyl | 10.0 | 8.77 | 87.73 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.53 | 95.30 |
| $ 96 Terphenyl-d14 | 10.0 | 9.08 | 90.81 |

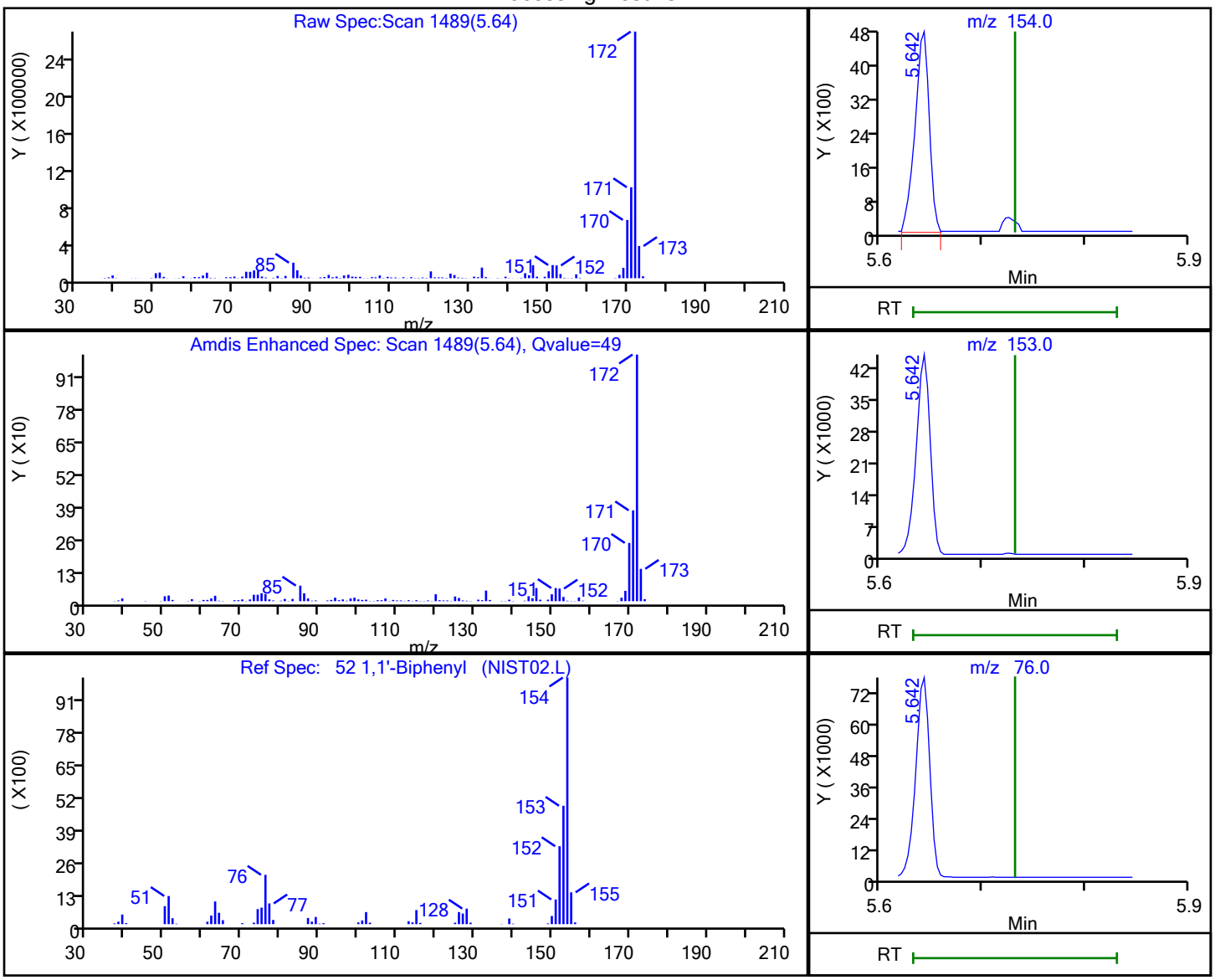
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.64 | 154.00 | 4620 | 0.015674 |
| 5.64 | 153.00 | 42535 | |
| 5.64 | 76.00 | 73851 | |

Reviewer: G4KC, 07-Feb-2025 13:29:38 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

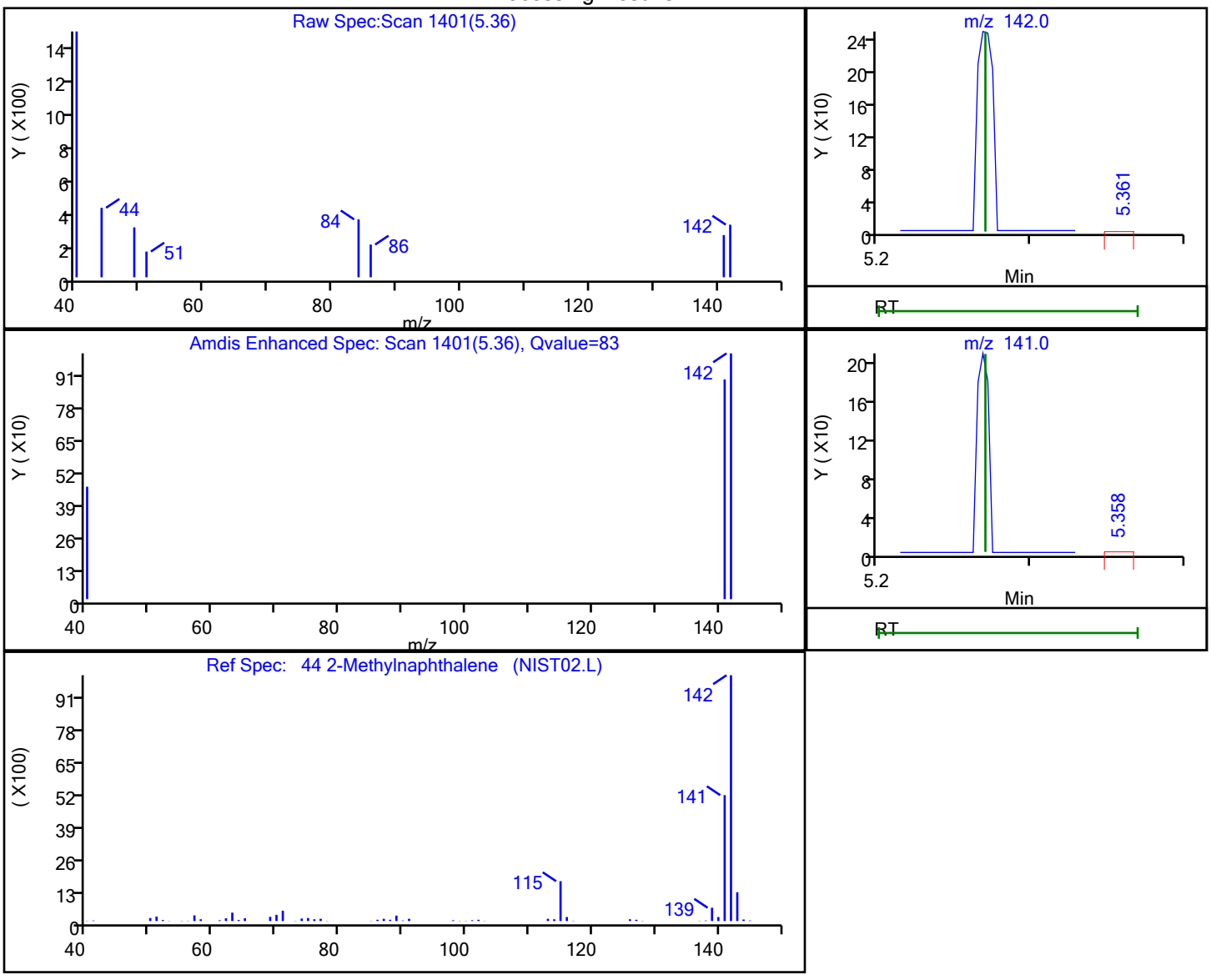
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 44 2-Methylnaphthalene, CAS: 91-57-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.36 | 142.00 | 223 | 0.000913 |
| 5.36 | 141.00 | 211 | |

Reviewer: G4KC, 07-Feb-2025 13:29:36 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

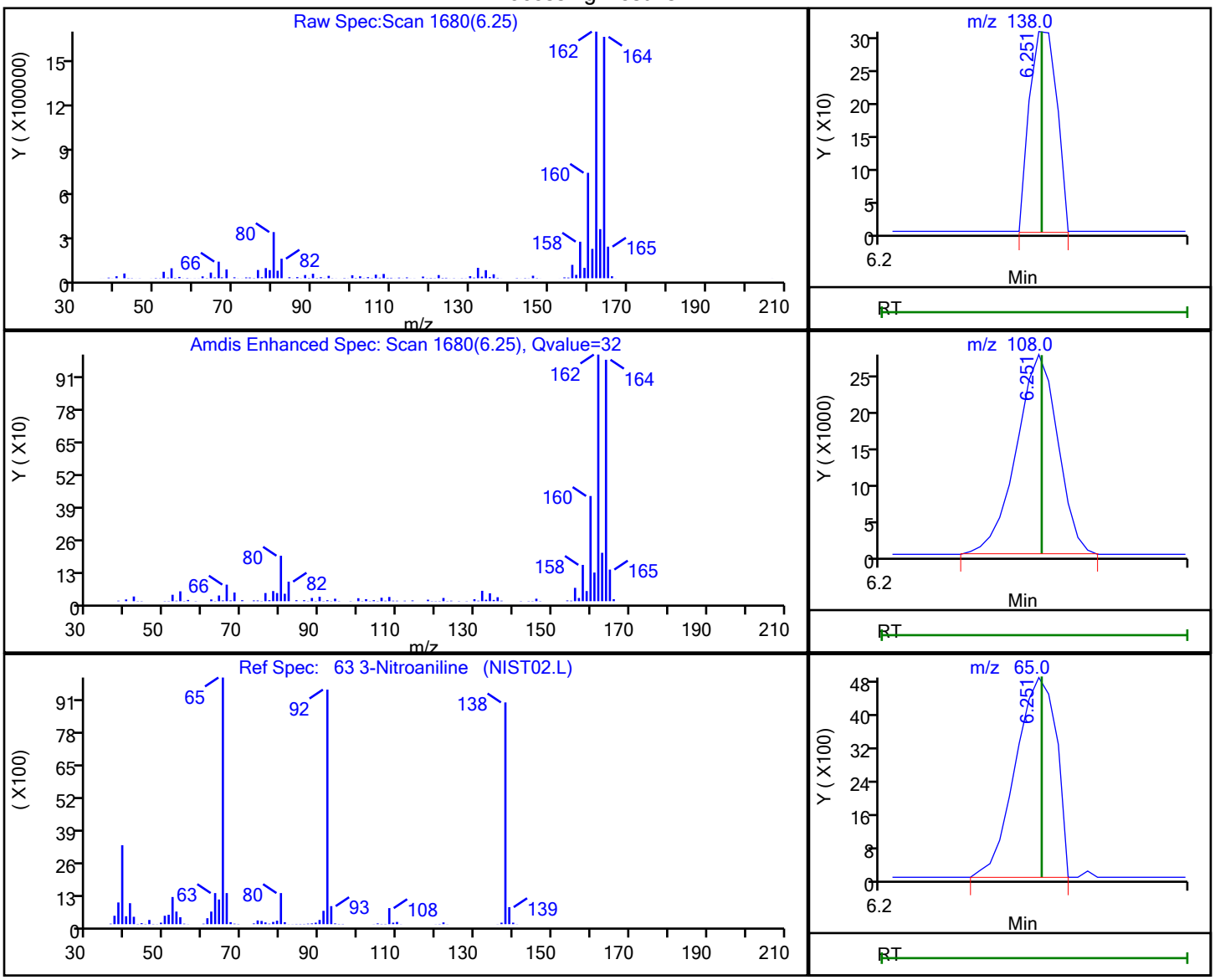
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d | | | | |
| Injection Date: | 07-Feb-2025 13:08:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | MB 460-1020073/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 63 3-Nitroaniline, CAS: 99-09-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.25 | 138.00 | 190 | 0.003228 |
| 6.25 | 108.00 | 26296 | |
| 6.25 | 65.00 | 4498 | |

Reviewer: G4KC, 07-Feb-2025 13:29:40 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

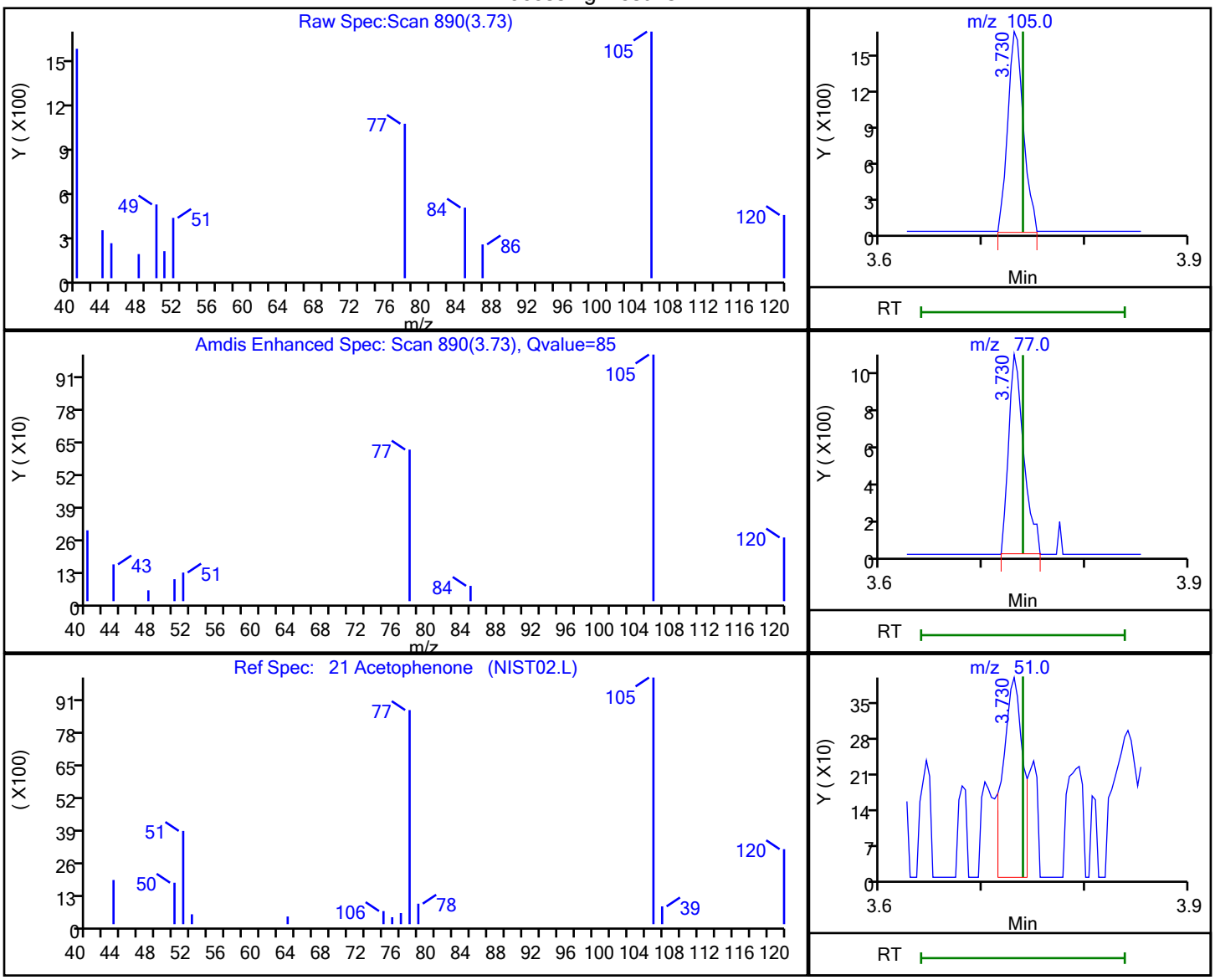
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 21 Acetophenone, CAS: 98-86-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 3.73 | 105.00 | 1736 | 0.010426 |
| 3.73 | 77.00 | 1060 | |
| 3.73 | 51.00 | 529 | |
| 3.73 | 120.00 | 349 | |

Reviewer: G4KC, 07-Feb-2025 13:29:33 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

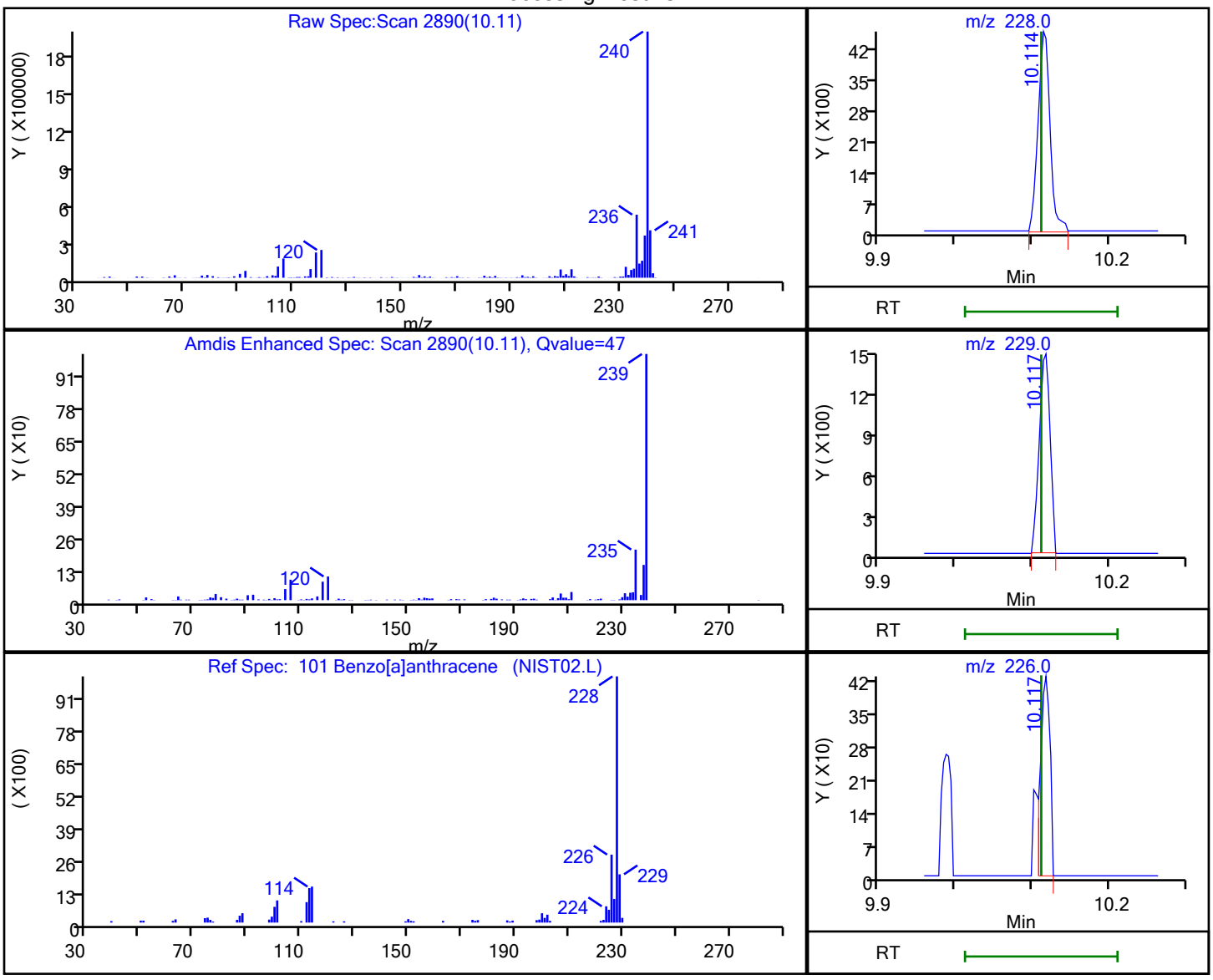
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 101 Benzo[a]anthracene, CAS: 56-55-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 228.00 | 4911 | 0.015235 |
| 10.12 | 229.00 | 1454 | |
| 10.12 | 226.00 | 354 | |

Reviewer: G4KC, 07-Feb-2025 13:29:48 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

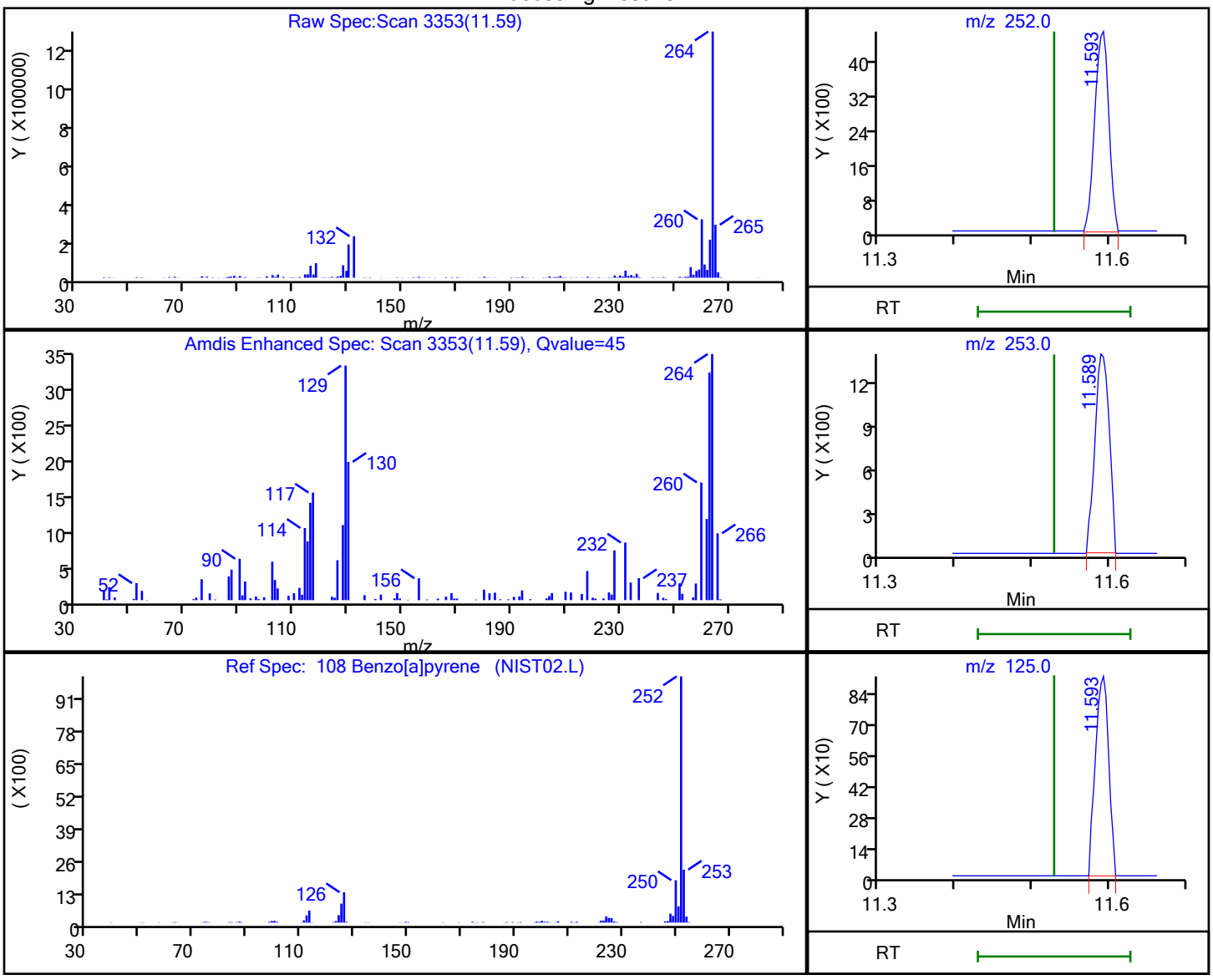
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d | | | | |
| Injection Date: | 07-Feb-2025 13:08:30 | Instrument ID: | CBNAMS14 | | |
| Lims ID: | MB 460-1020073/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 11.59 | 252.00 | 5966 | 0.029458 |
| 11.59 | 253.00 | 1728 | |
| 11.59 | 125.00 | 1107 | |

Reviewer: G4KC, 07-Feb-2025 13:29:50 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

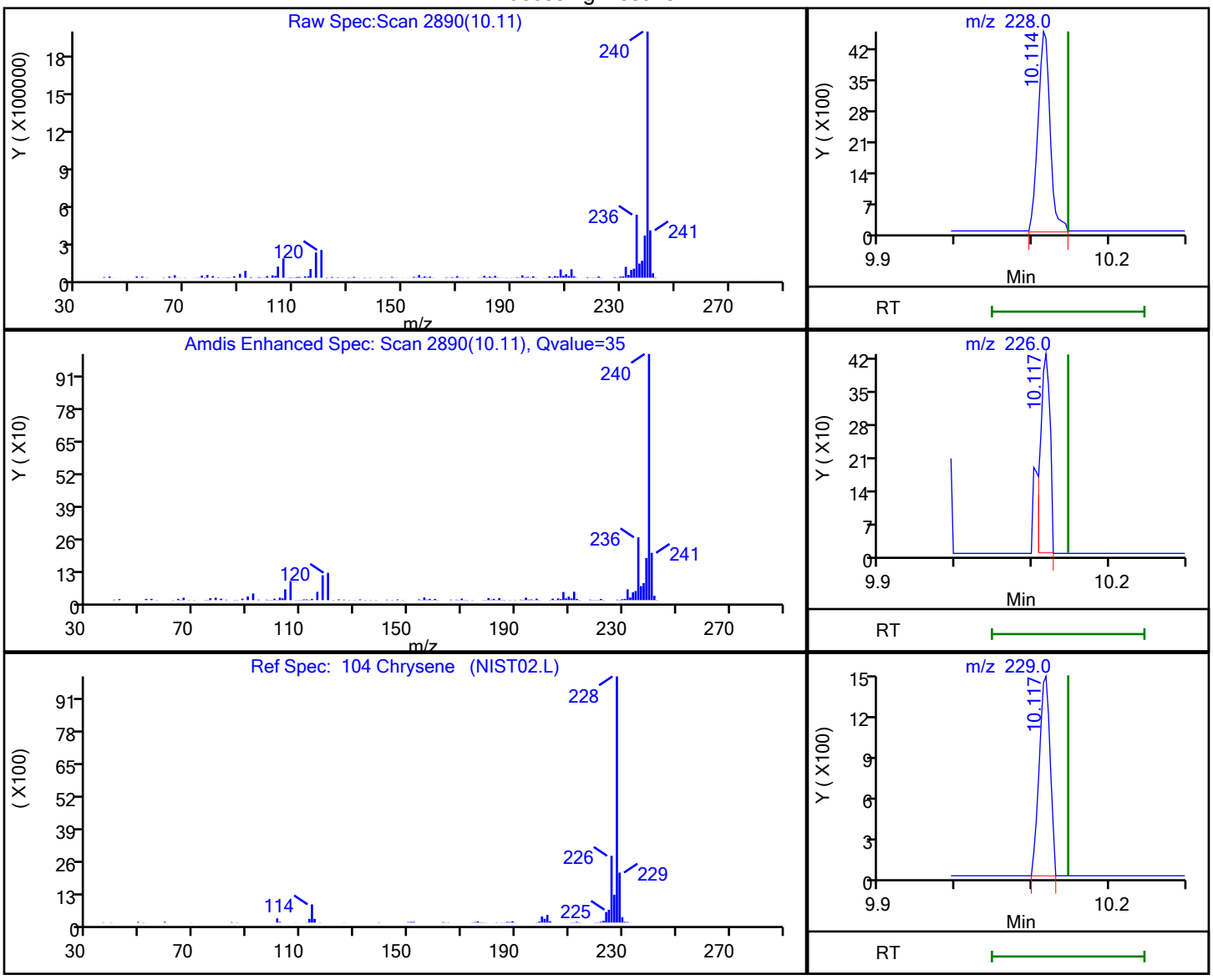
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 104 Chrysene, CAS: 218-01-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.11 | 228.00 | 4911 | 0.015950 |
| 10.12 | 226.00 | 354 | |
| 10.12 | 229.00 | 1454 | |

Reviewer: G4KC, 07-Feb-2025 13:29:49 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

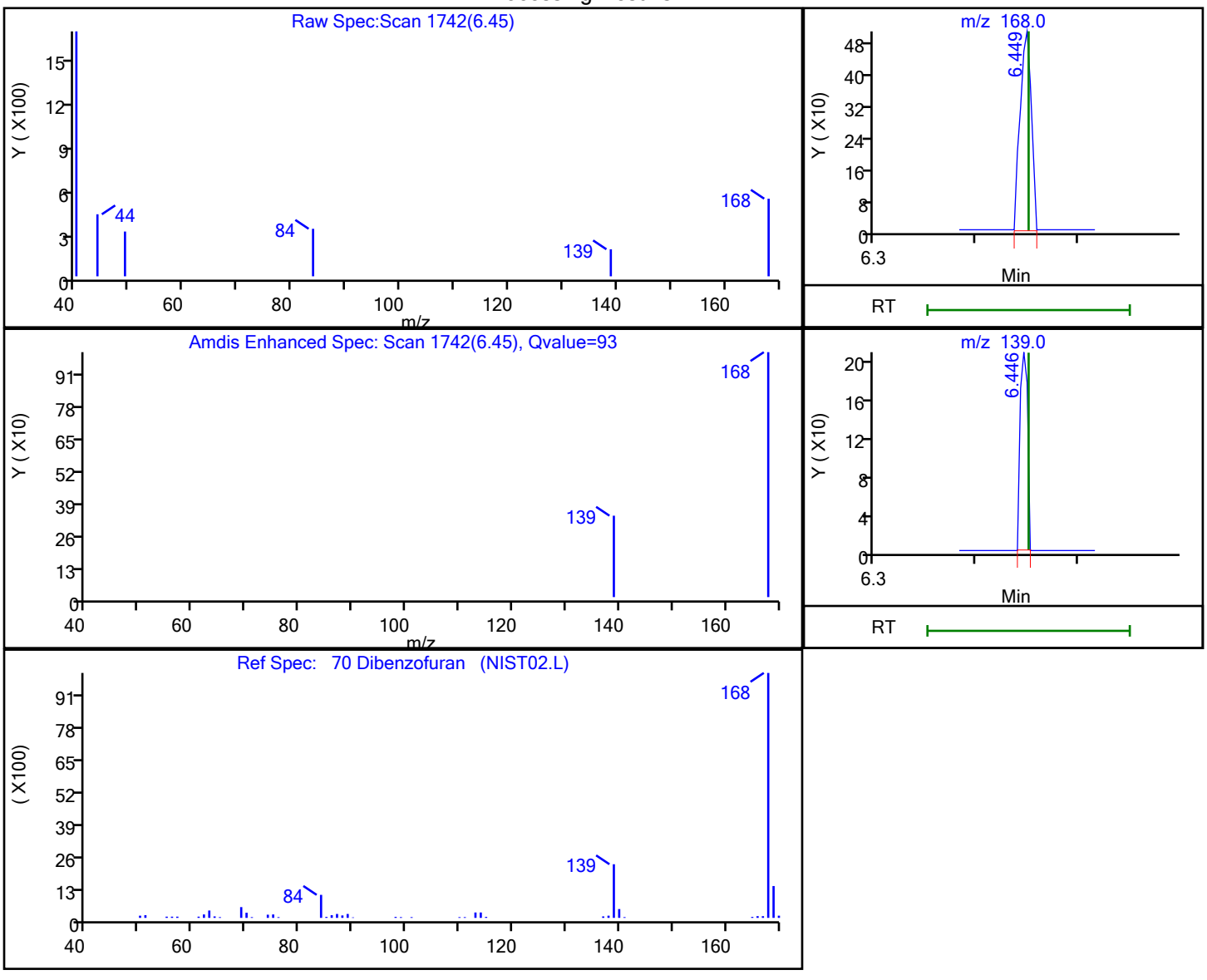
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 70 Dibenzofuran, CAS: 132-64-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.45 | 168.00 | 390 | 0.001251 |
| 6.45 | 139.00 | 107 | |

Reviewer: G4KC, 07-Feb-2025 13:29:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

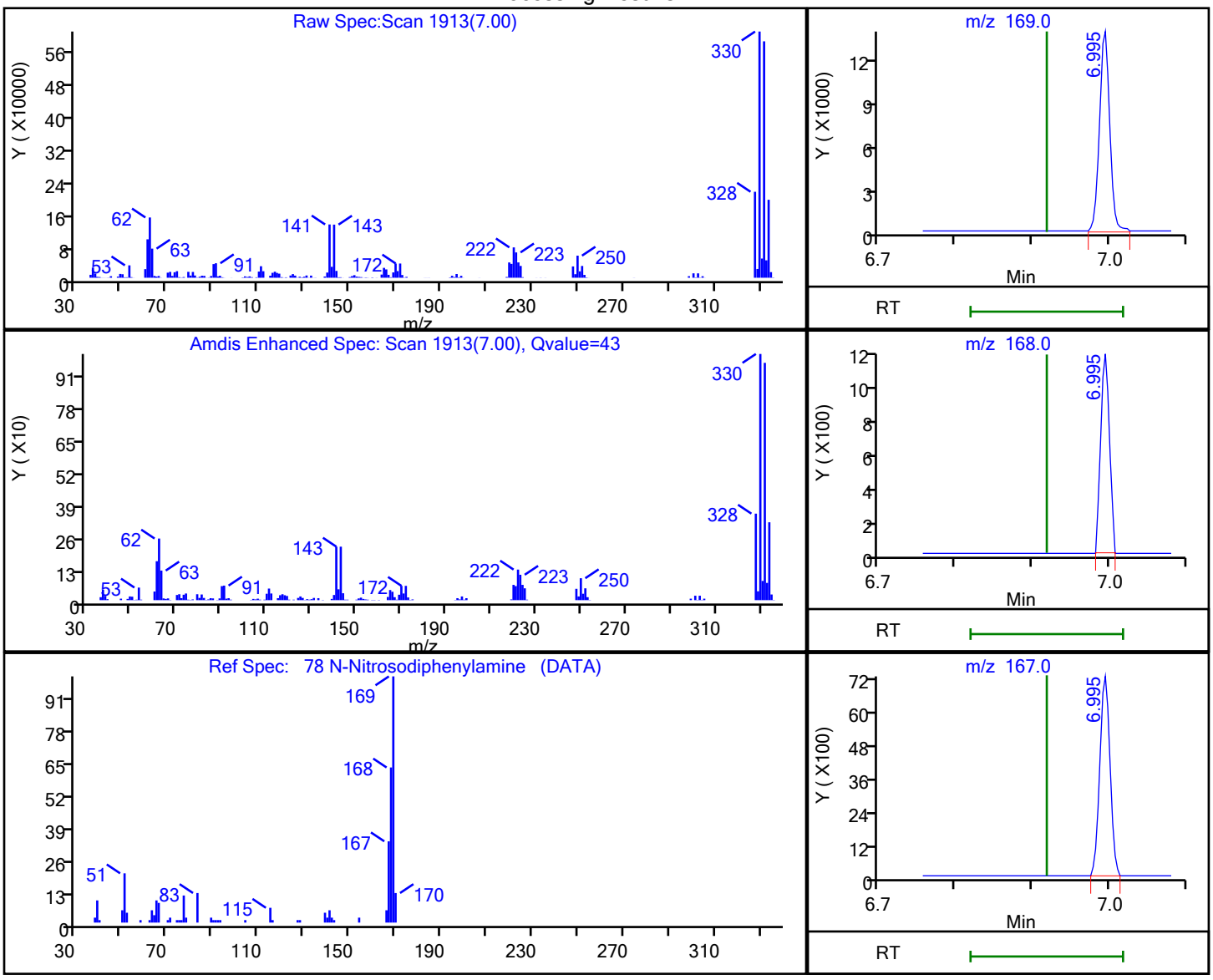
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56276.d
Injection Date: 07-Feb-2025 13:08:30 Instrument ID: CBNAMS14
Lims ID: MB 460-1020073/1-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Method: 8270LVI_14 Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 78 N-Nitrosodiphenylamine, CAS: 86-30-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.00 | 169.00 | 12193 | 0.065153 |
| 7.00 | 168.00 | 901 | |
| 7.00 | 167.00 | 6745 | |

Reviewer: G4KC, 07-Feb-2025 13:29:43 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020235/1-A

Matrix: Solid | Lab File ID: X62077.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 0.33 | U | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 0.33 | U | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 0.033 | U | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 0.33 | U | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 0.33 | U | 0.33 | 0.022 |
| 95-95-4 | 2,4,5-Trichlorophenol | 0.33 | U | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 0.13 | U | 0.13 | 0.042 |
| 120-83-2 | 2,4-Dichlorophenol | 0.13 | U | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 0.33 | U | 0.33 | 0.039 |
| 51-28-5 | 2,4-Dinitrophenol | 0.27 | U | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 0.067 | U | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 0.067 | U | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 0.33 | U | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 0.33 | U | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 0.33 | U | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 0.33 | U | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 0.33 | U | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 0.33 | U | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 0.13 | U | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 0.33 | U | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 0.27 | U | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 0.33 | U | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 0.33 | U | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 0.33 | U | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 0.33 | U | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 0.33 | U | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 0.33 | U | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 0.67 | U | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 0.33 | U | 0.33 | 0.0094 |
| 208-96-8 | Acenaphthylene | 0.33 | U | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 0.33 | U | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020235/1-A

Matrix: Solid | Lab File ID: X62077.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 0.33 | U | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 0.13 | U | 0.13 | 0.019 |
| 100-52-7 | Benzaldehyde | 0.33 | U | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 0.033 | U | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 0.033 | U | 0.033 | 0.0088 |
| 205-99-2 | Benzo[b]fluoranthene | 0.033 | U | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 0.33 | U | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 0.033 | U | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 0.33 | U | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 0.033 | U | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 0.33 | U | 0.33 | 0.017 |
| 85-68-7 | Butyl benzyl phthalate | 0.33 | U | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 0.33 | U | 0.33 | 0.051 |
| 86-74-8 | Carbazole | 0.33 | U | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 0.33 | U | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 0.033 | U | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 0.33 | U | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 0.33 | U | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 0.33 | U | 0.33 | 0.075 |
| 84-74-2 | Di-n-butyl phthalate | 0.33 | U | 0.33 | 0.012 |
| 117-84-0 | Di-n-octyl phthalate | 0.33 | U | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 0.33 | U | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 0.33 | U | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 0.033 | U | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 0.067 | U | 0.067 | 0.0070 |
| 77-47-4 | Hexachlorocyclopentadiene | 0.33 | U | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 0.033 | U | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 0.033 | U | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 0.13 | U | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 0.33 | U | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 0.033 | U | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020235/1-A

Matrix: Solid | Lab File ID: X62077.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:48

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 0.033 | U | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 0.33 | U | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 0.27 | U | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 0.33 | U | 0.33 | 0.014 |
| 108-95-2 | Phenol | 0.33 | U | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 0.33 | U | 0.33 | 0.0082 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 70 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 72 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 72 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 72 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 72 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 74 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62077.d
Lims ID: MB 460-1020235/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Feb-2025 15:48:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:13:22 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 08-Feb-2025 16:05:14

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| $ 4 2-Fluorophenol | 112 | 2.061 | 2.055 | 0.006 | 95 | 159490 | 50.0 | 35.8 | |
| $ 6 Phenol-d5 | 99 | 2.763 | 2.767 | -0.004 | 99 | 207840 | 50.0 | 35.9 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.044 | 3.042 | 0.002 | 95 | 144170 | 40.0 | 40.0 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.523 | 3.527 | -0.004 | 86 | 188883 | 50.0 | 36.0 | |
| * 38 Naphthalene-d8 | 136 | 4.158 | 4.157 | 0.001 | 99 | 545874 | 40.0 | 40.0 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.121 | 5.122 | -0.001 | 97 | 385689 | 50.0 | 36.2 | |
| * 65 Acenaphthene-d10 | 164 | 5.705 | 5.704 | 0.001 | 96 | 283956 | 40.0 | 40.0 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.404 | 6.402 | 0.002 | 89 | 80749 | 50.0 | 35.1 | |
| * 88 Phenanthrene-d10 | 188 | 7.003 | 7.006 | -0.003 | 99 | 534048 | 40.0 | 40.0 | |
| $ 96 Terphenyl-d14 | 244 | 8.420 | 8.416 | 0.004 | 98 | 507939 | 50.0 | 36.8 | |
| * 102 Chrysene-d12 | 240 | 9.380 | 9.378 | 0.002 | 99 | 464156 | 40.0 | 40.0 | |
| * 109 Perylene-d12 | 264 | 10.826 | 10.822 | 0.004 | 98 | 524992 | 40.0 | 40.0 | |

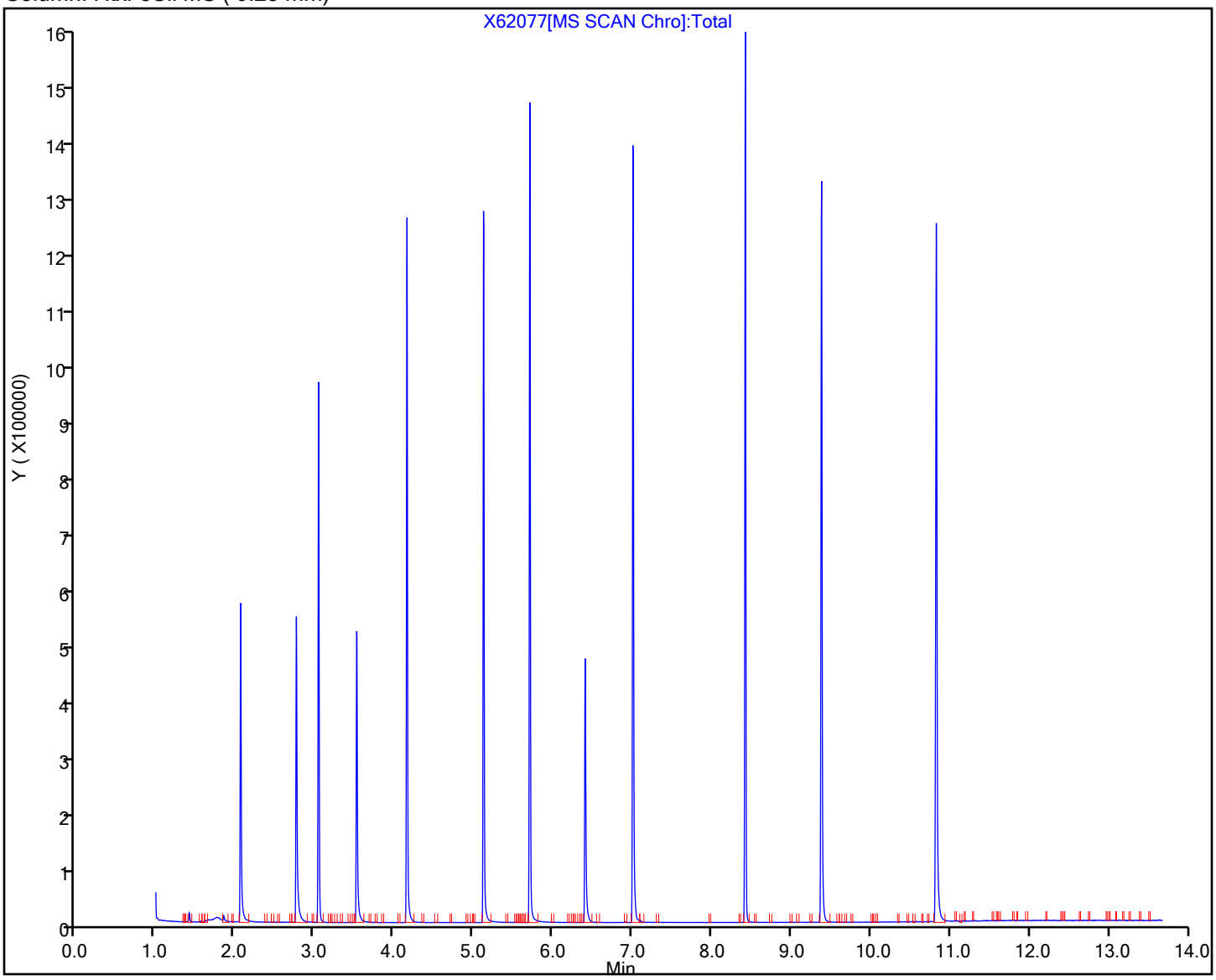
## QC Flag Legend
Processing Flags

## Reagents:
SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-Feb-2025 13:13:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62077.d
Injection Date: 08-Feb-2025 15:48:30 Instrument ID: CBNAMS5
Lims ID: MB 460-1020235/1-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62077.d
Lims ID: MB 460-1020235/1-A
Client ID:
Sample Type: MB
Inject. Date: 08-Feb-2025 15:48:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-006
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:13:22 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 08-Feb-2025 16:05:14

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 35.8 | 71.65 |
| $ 6 Phenol-d5 | 50.0 | 35.9 | 71.77 |
| $ 26 Nitrobenzene-d5 | 50.0 | 36.0 | 72.07 |
| $ 51 2-Fluorobiphenyl | 50.0 | 36.2 | 72.34 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 35.1 | 70.25 |
| $ 96 Terphenyl-d14 | 50.0 | 36.8 | 73.64 |

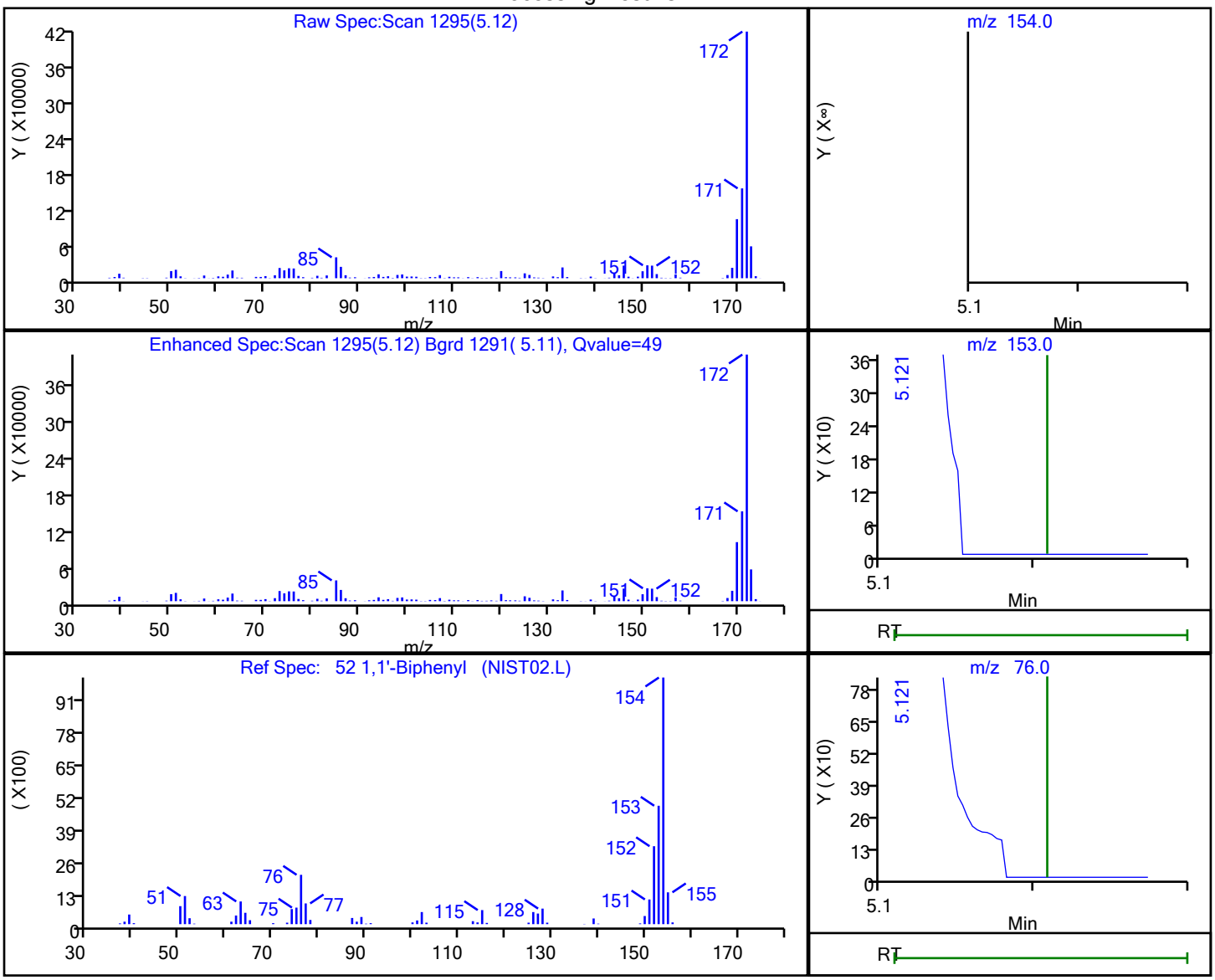
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62077.d | | | | |
| Injection Date: | 08-Feb-2025 15:48:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | MB 460-1020235/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 52 1,1'-Biphenyl, CAS: 92-52-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 5.12 | 154.00 | 584 | 0.053199 |
| 5.12 | 153.00 | 6140 | |
| 5.12 | 76.00 | 14704 | |

Reviewer: G4KC, 09-Feb-2025 13:13:12 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

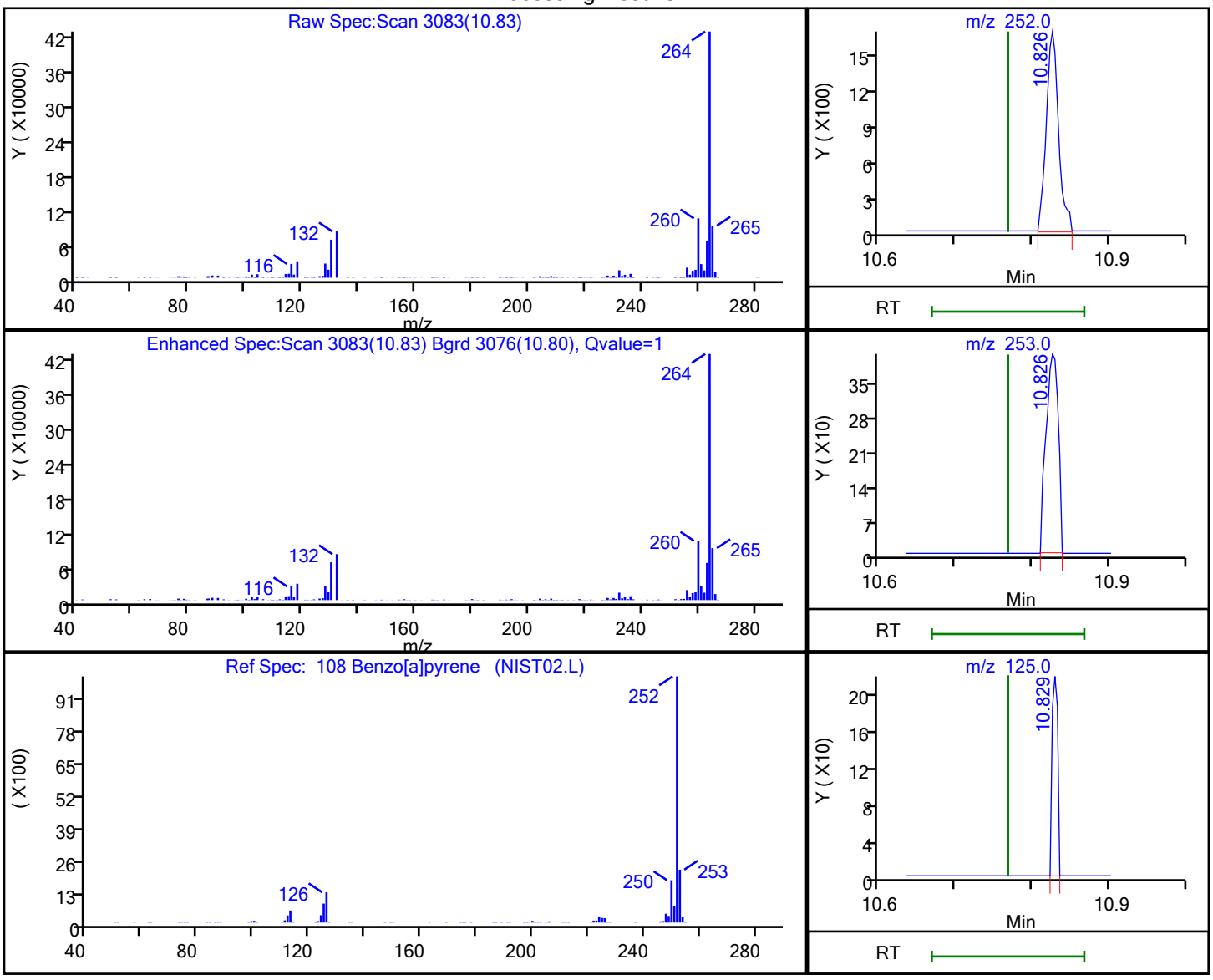
User Disabled Compound Report

Eurofins Edison

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62077.d | | | | |
| Injection Date: | 08-Feb-2025 15:48:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | MB 460-1020235/1-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 108 Benzo[a]pyrene, CAS: 50-32-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.83 | 252.00 | 1784 | 0.134219 |
| 10.83 | 253.00 | 448 | |
| 10.83 | 125.00 | 112 | |

Reviewer: U6BX, 08-Feb-2025 16:05:00 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020073/2-A

Matrix: Water | Lab File ID: N56273.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 67.9 | | 5.0 | 1.2 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 66.8 | | 10 | 1.2 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 67.7 | | 10 | 0.63 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 82.4 | | 10 | 0.75 |
| 95-95-4 | 2,4,5-Trichlorophenol | 79.5 | | 10 | 0.88 |
| 88-06-2 | 2,4,6-Trichlorophenol | 78.3 | | 3.0 | 0.86 |
| 120-83-2 | 2,4-Dichlorophenol | 71.8 | | 10 | 1.1 |
| 105-67-9 | 2,4-Dimethylphenol | 85.3 | | 10 | 0.62 |
| 51-28-5 | 2,4-Dinitrophenol | 169 | | 40 | 11 |
| 121-14-2 | 2,4-Dinitrotoluene | 91.8 | | 10 | 1.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 87.6 | | 2.0 | 0.83 |
| 91-58-7 | 2-Chloronaphthalene | 68.0 | | 10 | 1.2 |
| 95-57-8 | 2-Chlorophenol | 60.2 | | 10 | 0.95 |
| 91-57-6 | 2-Methylnaphthalene | 57.8 | | 10 | 0.53 |
| 95-48-7 | 2-Methylphenol | 57.3 | | 10 | 0.67 |
| 88-74-4 | 2-Nitroaniline | 79.2 | | 10 | 1.2 |
| 88-75-5 | 2-Nitrophenol | 72.3 | | 10 | 0.75 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 76.7 | | 5.2 | 1.4 |
| 99-09-2 | 3-Nitroaniline | 78.2 | | 10 | 1.9 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 177 | | 20 | 8.6 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 83.4 | | 10 | 0.75 |
| 59-50-7 | 4-Chloro-3-methylphenol | 72.8 | | 10 | 1.3 |
| 106-47-8 | 4-Chloroaniline | 72.9 | | 5.0 | 1.9 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 79.4 | | 10 | 1.3 |
| 106-44-5 | 4-Methylphenol | 51.8 | | 10 | 0.65 |
| 100-01-6 | 4-Nitroaniline | 85.9 | | 10 | 1.2 |
| 100-02-7 | 4-Nitrophenol | 67.6 | | 20 | 4.0 |
| 83-32-9 | Acenaphthene | 71.9 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 76.4 | | 10 | 0.82 |
| 98-86-2 | Acetophenone | 70.2 | | 10 | 2.3 |
| 120-12-7 | Anthracene | 81.7 | | 10 | 1.3 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020073/2-A

Matrix: Water | Lab File ID: N56273.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 1912-24-9 | Atrazine | 52.5 | | 2.0 | 1.3 |
| 100-52-7 | Benzaldehyde | 41.5 | | 10 | 2.1 |
| 56-55-3 | Benzo[a]anthracene | 82.5 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 92.5 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 92.3 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 91.0 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 88.5 | | 1.0 | 0.67 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 73.3 | | 10 | 0.59 |
| 111-44-4 | Bis(2-chloroethyl)ether | 69.3 | | 1.0 | 0.63 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 89.5 | | 2.0 | 0.80 |
| 85-68-7 | Butyl benzyl phthalate | 91.4 | | 10 | 0.85 |
| 105-60-2 | Caprolactam | 11.8 | | 10 | 2.2 |
| 86-74-8 | Carbazole | 84.1 | | 10 | 0.68 |
| 218-01-9 | Chrysene | 79.1 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 87.1 | | 1.0 | 0.72 |
| 132-64-9 | Dibenzofuran | 75.3 | | 10 | 1.1 |
| 84-66-2 | Diethyl phthalate | 82.2 | | 10 | 0.98 |
| 131-11-3 | Dimethyl phthalate | 83.7 | | 10 | 0.77 |
| 84-74-2 | Di-n-butyl phthalate | 88.8 | | 10 | 0.84 |
| 117-84-0 | Di-n-octyl phthalate | 101 | | 10 | 4.0 |
| 206-44-0 | Fluoranthene | 87.4 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 77.5 | | 10 | 0.91 |
| 118-74-1 | Hexachlorobenzene | 85.0 | | 1.0 | 0.40 |
| 87-68-3 | Hexachlorobutadiene | 41.8 | | 1.0 | 0.78 |
| 77-47-4 | Hexachlorocyclopentadiene | 66.0 | | 10 | 3.6 |
| 67-72-1 | Hexachloroethane | 30.8 | | 0.80 | 0.31 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 89.1 | | 2.0 | 0.94 |
| 78-59-1 | Isophorone | 78.5 | | 10 | 0.80 |
| 91-20-3 | Naphthalene | 56.8 | | 2.0 | 0.54 |
| 98-95-3 | Nitrobenzene | 75.0 | | 1.0 | 0.57 |
| 621-64-7 | N-Nitrosodi-n-propylamine | 73.2 | | 1.0 | 0.43 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020073/2-A

Matrix: Water | Lab File ID: N56273.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:05

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 86-30-6 | N-Nitrosodiphenylamine | 78.5 | | 10 | 0.89 |
| 87-86-5 | Pentachlorophenol | 168 | | 20 | 6.6 |
| 85-01-8 | Phenanthrene | 80.8 | | 10 | 1.3 |
| 108-95-2 | Phenol | 27.9 | | 10 | 0.29 |
| 129-00-0 | Pyrene | 84.9 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 95 | | 37-150 |
| 321-60-8 | 2-Fluorobiphenyl | 80 | | 46-139 |
| 367-12-4 | 2-Fluorophenol (Surr) | 40 | | 16-80 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 81 | | 51-145 |
| 4165-62-2 | Phenol-d5 (Surr) | 28 | | 10-56 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 93 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56273.d
Lims ID: LCS 460-1020073/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 12:05:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 07-Feb-2025 12:27:36 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: QQ8R Date: 07-Feb-2025 12:26:45

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.072 | 1.059 | 0.013 | 90 | 186115 | 10.0 | 4.45 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.234 | 1.225 | 0.009 | 96 | 279685 | 10.0 | 4.47 | |
| | 3 Pyridine | 79 | 1.250 | 1.238 | 0.012 | 97 | 481859 | 20.0 | 5.31 | |
| $ | 4 2-Fluorophenol | 112 | 2.128 | 2.122 | 0.006 | 96 | 450316 | 10.0 | 3.97 | |
| | 5 Benzaldehyde | 77 | 2.869 | 2.869 | 0.000 | 95 | 452331 | 5.00 | 5.18 | E |
| | 8 Aniline | 93 | 2.984 | 2.984 | 0.000 | 99 | 1071107 | 10.0 | 7.02 | |
| $ | 6 Phenol-d5 | 99 | 2.980 | 2.987 | -0.007 | 93 | 387384 | 10.0 | 2.76 | |
| | 7 Phenol | 94 | 2.993 | 3.000 | -0.007 | 96 | 502747 | 10.0 | 3.49 | |
| | 10 Benzonitrile | 103 | 3.064 | 3.067 | -0.003 | 96 | 1851723 | NC | NC | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.064 | 3.067 | -0.003 | 98 | 899014 | 10.0 | 8.66 | |
| | 11 2-Chlorophenol | 128 | 3.096 | 3.096 | 0.000 | 98 | 930277 | 10.0 | 7.52 | |
| | 12 n-Decane | 43 | 3.169 | 3.170 | -0.001 | 88 | 272180 | 10.0 | 3.10 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.243 | 3.243 | 0.000 | 98 | 654306 | 10.0 | 4.51 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.306 | 3.304 | 0.002 | 93 | 761751 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.322 | 3.323 | -0.001 | 96 | 689303 | 10.0 | 4.80 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.473 | 3.470 | 0.003 | 98 | 685410 | 10.0 | 5.01 | |
| | 16 Benzyl alcohol | 108 | 3.476 | 3.476 | 0.000 | 97 | 471771 | 10.0 | 6.87 | |
| | 18 2-Methylphenol | 108 | 3.613 | 3.611 | 0.002 | 91 | 693772 | 10.0 | 7.17 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.616 | 3.611 | 0.005 | 92 | 885803 | 10.0 | 8.46 | |
| | 20 N-Methylaniline | 106 | 3.728 | 3.729 | -0.001 | 98 | 1422489 | 10.0 | 8.96 | |
| | 21 Acetophenone | 105 | 3.738 | 3.739 | -0.001 | 94 | 1324841 | 10.0 | 8.78 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.754 | 3.755 | -0.001 | 79 | 609948 | 10.0 | 9.15 | |
| | 24 4-Methylphenol | 108 | 3.776 | 3.777 | -0.001 | 98 | 653809 | 10.0 | 6.47 | |
| | 23 3 & 4 Methylphenol | 108 | 3.776 | 3.777 | -0.001 | 67 | 653809 | 10.0 | 6.47 | |
| | 25 Hexachloroethane | 117 | 3.805 | 3.806 | -0.001 | 92 | 189671 | 10.0 | 3.86 | |
| $ | 27 Nitrobenzene-d5 | 82 | 3.879 | 3.879 | 0.000 | 84 | 868936 | 10.0 | 8.14 | |
| | 28 Nitrobenzene | 123 | 3.898 | 3.899 | -0.001 | 98 | 490633 | 10.0 | 9.37 | |
| | 29 n,n'-Dimethylaniline | 120 | 3.904 | 3.905 | -0.001 | 93 | 1542935 | 10.0 | 8.93 | |
| | 30 Isophorone | 82 | 4.147 | 4.145 | 0.002 | 98 | 1701792 | 10.0 | 9.81 | |
| | 32 2-Nitrophenol | 139 | 4.214 | 4.212 | 0.002 | 95 | 537394 | 10.0 | 9.04 | |
| | 33 2,4-Dimethylphenol | 122 | 4.300 | 4.301 | -0.001 | 92 | 843692 | 10.0 | 10.7 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 4.390 | 4.391 | -0.001 | 96 | 1061345 | 10.0 | 9.17 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.415 | 4.455 | -0.040 | 85 | 196672 | 10.0 | 3.59 | |
| 36 2,4-Dichlorophenol | 162 | 4.460 | 4.461 | -0.001 | 97 | 835180 | 10.0 | 8.98 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.527 | 4.528 | -0.001 | 94 | 664515 | 10.0 | 6.24 | |
| * 38 Naphthalene-d8 | 136 | 4.575 | 4.573 | 0.002 | 99 | 2483692 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.595 | 4.596 | -0.001 | 99 | 2283155 | 10.0 | 7.10 | |
| 130 2,6-Dichlorophenol | 162 | 4.678 | 4.679 | -0.001 | 94 | 786015 | 10.0 | 8.68 | |
| 40 4-Chloroaniline | 127 | 4.681 | 4.679 | 0.002 | 97 | 1097935 | 10.0 | 9.12 | |
| 41 Hexachlorobutadiene | 225 | 4.735 | 4.733 | 0.002 | 98 | 327314 | 10.0 | 5.23 | |
| 42 Caprolactam | 55 | 5.023 | 5.021 | 0.002 | 92 | 40132 | 5.00 | 1.47 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.186 | 5.187 | -0.001 | 94 | 733481 | 10.0 | 9.10 | |
| 44 2-Methylnaphthalene | 142 | 5.272 | 5.270 | 0.002 | 87 | 1533034 | 10.0 | 7.23 | |
| 45 1-Methylnaphthalene | 142 | 5.362 | 5.363 | -0.001 | 92 | 1573485 | 10.0 | 8.16 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.429 | 5.430 | -0.001 | 98 | 524366 | 10.0 | 8.25 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.435 | 5.436 | -0.001 | 99 | 881452 | 10.0 | 8.35 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.525 | 5.523 | 0.002 | 92 | 1225051 | 10.0 | 9.92 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.563 | 5.561 | 0.002 | 93 | 632370 | 10.0 | 9.78 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.592 | 5.593 | -0.001 | 99 | 692605 | 10.0 | 9.93 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.643 | 5.644 | -0.001 | 98 | 1951597 | 10.0 | 8.04 | |
| 52 1,1'-Biphenyl | 154 | 5.730 | 5.731 | -0.001 | 95 | 2082937 | 10.0 | 8.48 | |
| 53 2-Chloronaphthalene | 162 | 5.733 | 5.731 | 0.002 | 96 | 1604886 | 10.0 | 8.50 | |
| 54 Phenyl ether | 170 | 5.839 | 5.836 | 0.003 | 81 | 1165750 | 10.0 | 8.29 | |
| 55 2-Nitroaniline | 65 | 5.858 | 5.856 | 0.002 | 91 | 497538 | 10.0 | 9.90 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.951 | 5.948 | 0.003 | 92 | 1316142 | 10.0 | 8.47 | |
| 60 Coumarin | 146 | 6.040 | 6.041 | -0.001 | 81 | 689319 | 10.0 | 10.3 | |
| 59 Dimethyl phthalate | 163 | 6.063 | 6.060 | 0.003 | 98 | 2148319 | 10.0 | 10.5 | |
| 61 2,6-Dinitrotoluene | 165 | 6.104 | 6.105 | -0.001 | 90 | 487603 | 10.0 | 11.0 | |
| 62 Acenaphthylene | 152 | 6.120 | 6.118 | 0.002 | 97 | 2730720 | 10.0 | 9.55 | |
| 63 3-Nitroaniline | 138 | 6.254 | 6.252 | 0.002 | 93 | 479161 | 10.0 | 9.77 | |
| * 64 Acenaphthene-d10 | 164 | 6.254 | 6.256 | -0.002 | 97 | 1245032 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.286 | 6.284 | 0.002 | 95 | 1558201 | 10.0 | 8.99 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.328 | 6.329 | -0.001 | 96 | 1557792 | 10.0 | 10.7 | |
| 67 2,4-Dinitrophenol | 184 | 6.357 | 6.355 | 0.002 | 91 | 643035 | 20.0 | 21.2 | |
| 70 Dibenzofuran | 168 | 6.453 | 6.451 | 0.002 | 93 | 2443500 | 10.0 | 9.41 | |
| 68 4-Nitrophenol | 65 | 6.453 | 6.457 | -0.004 | 50 | 219759 | 20.0 | 8.45 | |
| 69 2,4-Dinitrotoluene | 165 | 6.479 | 6.477 | 0.003 | 98 | 662833 | 10.0 | 11.5 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.584 | 6.582 | 0.002 | 97 | 574946 | 10.0 | 10.3 | |
| 73 Diethyl phthalate | 149 | 6.735 | 6.736 | -0.002 | 99 | 2085613 | 10.0 | 10.3 | |
| 75 Fluorene | 166 | 6.773 | 6.771 | 0.002 | 94 | 1976801 | 10.0 | 9.69 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.799 | 6.797 | 0.002 | 92 | 992985 | 10.0 | 9.93 | |
| 76 4-Nitroaniline | 138 | 6.834 | 6.832 | 0.002 | 81 | 466079 | 10.0 | 10.7 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.859 | 6.857 | 0.002 | 94 | 822339 | 20.0 | 22.2 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.920 | 6.918 | 0.002 | 95 | 1486138 | 10.0 | 9.81 | |
| 131 Azobenzene | 77 | 6.946 | 6.944 | 0.002 | 0 | 1587150 | 10.0 | 9.38 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.946 | 6.944 | 0.002 | 92 | 1587957 | 10.0 | 9.64 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.000 | 7.002 | -0.002 | 88 | 467085 | 10.0 | 9.51 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.253 | 7.251 | 0.002 | 96 | 689705 | 10.0 | 10.4 | |
| 82 Hexachlorobenzene | 284 | 7.285 | 7.283 | 0.002 | 97 | 881904 | 10.0 | 10.6 | |
| 83 Atrazine | 200 | 7.455 | 7.449 | 0.006 | 95 | 386157 | 5.00 | 6.56 | E |
| 84 Pentachlorophenol | 266 | 7.483 | 7.485 | -0.002 | 95 | 1040501 | 20.0 | 21.0 | |
| 85 Pentachloronitrobenzene | 237 | 7.496 | 7.494 | 0.002 | 92 | 281027 | 10.0 | 10.5 | |
| 86 n-Octadecane | 57 | 7.640 | 7.638 | 0.002 | 90 | 926497 | 10.0 | 9.62 | |
| * 87 Phenanthrene-d10 | 188 | 7.640 | 7.642 | -0.002 | 99 | 2210276 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Phenanthrene | 178 | 7.663 | 7.661 | 0.002 | 97 | 2915778 | 10.0 | 10.1 | |
| 89 Anthracene | 178 | 7.711 | 7.709 | 0.002 | 99 | 2990253 | 10.0 | 10.2 | |
| 90 Carbazole | 167 | 7.887 | 7.885 | 0.002 | 96 | 2678059 | 10.0 | 10.5 | |
| 91 Di-n-butyl phthalate | 149 | 8.274 | 8.272 | 0.002 | 99 | 3275636 | 10.0 | 11.1 | |
| 92 Fluoranthene | 202 | 8.772 | 8.770 | 0.002 | 98 | 3128032 | 10.0 | 10.9 | |
| 93 Benzidine | 184 | 8.938 | 8.939 | -0.001 | 99 | 409691 | 10.0 | 3.59 | |
| 94 Pyrene | 202 | 8.973 | 8.975 | -0.002 | 98 | 3144929 | 10.0 | 10.6 | |
| 95 Bisphenol-A | 213 | 9.172 | 9.119 | 0.053 | 98 | 486383 | 5.00 | 4.57 | a |
| $ 96 Terphenyl-d14 | 244 | 9.172 | 9.173 | -0.001 | 98 | 2356701 | 10.0 | 9.31 | |
| 97 Butyl benzyl phthalate | 149 | 9.674 | 9.676 | -0.002 | 95 | 1242819 | 10.0 | 11.4 | |
| 99 Carbamazepine | 193 | 9.732 | 9.734 | -0.002 | 93 | 957924 | 10.0 | 10.3 | |
| 101 Benzo[a]anthracene | 228 | 10.112 | 10.111 | 0.001 | 98 | 2666514 | 10.0 | 10.3 | |
| * 102 Chrysene-d12 | 240 | 10.119 | 10.121 | -0.002 | 99 | 1569665 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.125 | 10.127 | -0.002 | 99 | 938458 | 10.0 | 9.59 | |
| 104 Chrysene | 228 | 10.144 | 10.146 | -0.002 | 98 | 2441444 | 10.0 | 9.89 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.253 | 10.252 | 0.001 | 84 | 1716800 | 10.0 | 11.2 | |
| 105 Di-n-octyl phthalate | 149 | 10.921 | 10.923 | -0.002 | 95 | 2530024 | 10.0 | 12.6 | |
| 106 Benzo[b]fluoranthene | 252 | 11.187 | 11.186 | 0.001 | 98 | 2283928 | 10.0 | 11.5 | |
| 107 Benzo[k]fluoranthene | 252 | 11.219 | 11.218 | 0.001 | 99 | 2266962 | 10.0 | 11.1 | |
| 108 Benzo[a]pyrene | 252 | 11.529 | 11.528 | 0.001 | 97 | 1988692 | 10.0 | 11.6 | |
| * 109 Perylene-d12 | 264 | 11.593 | 11.595 | -0.002 | 99 | 1403418 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.833 | 12.832 | 0.001 | 99 | 1990527 | 10.0 | 11.1 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.881 | 12.877 | 0.004 | 99 | 1960128 | 10.0 | 10.9 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.140 | 13.136 | 0.004 | 98 | 2007630 | 10.0 | 11.4 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 12:36:05 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56273.d

Injection Date: 07-Feb-2025 12:05:30 Instrument ID: CBNAMS14 Operator ID:

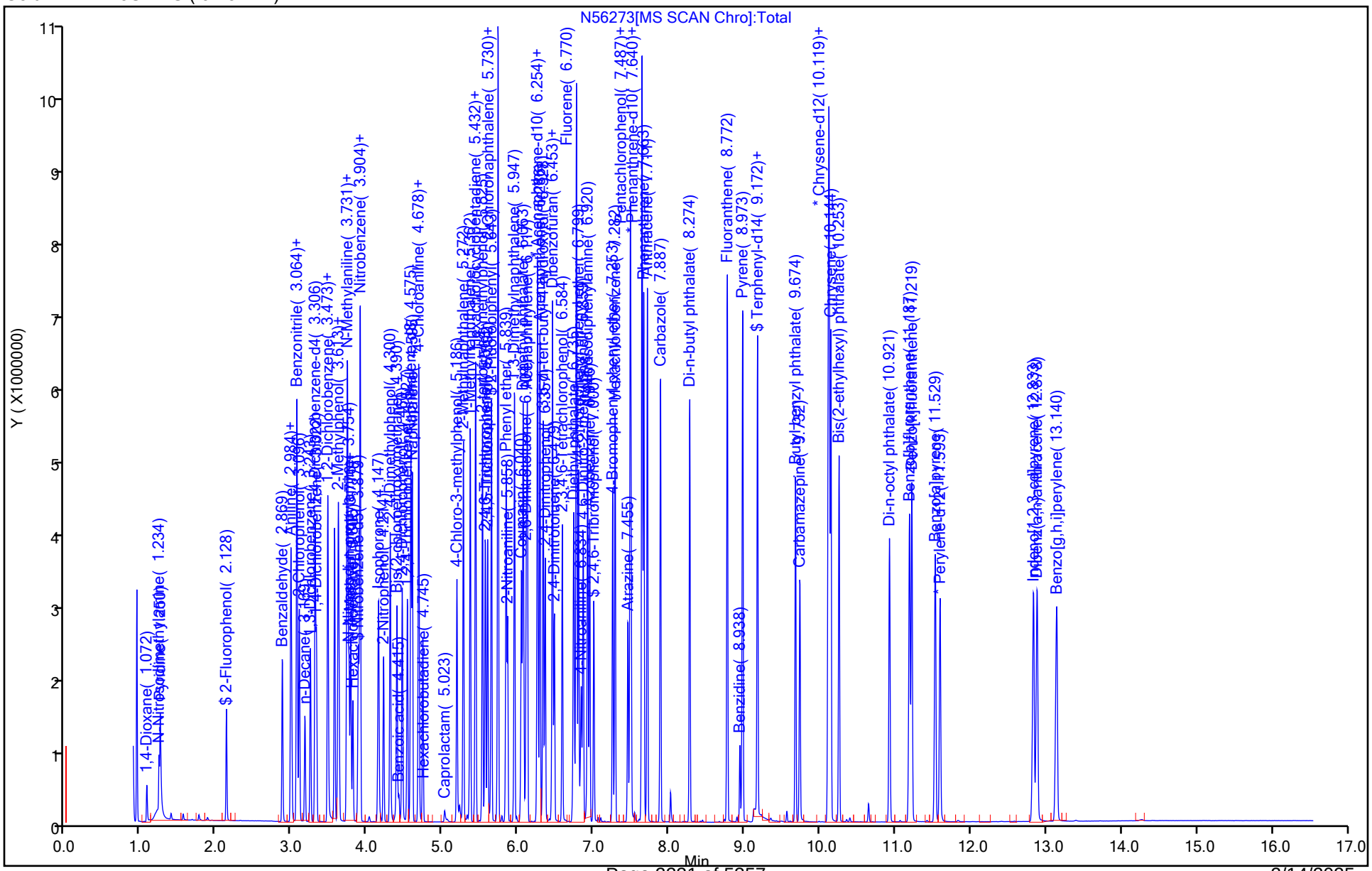
Lims ID: LCS 460-1020073/2-A Worklist Smp#: 4

Client ID:

Injection Vol: 5.0 ul Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8270LVI_14 Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56273.d
Lims ID: LCS 460-1020073/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 12:05:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-004
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 07-Feb-2025 12:27:36 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: QQ8R Date: 07-Feb-2025 12:26:45

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 3.97 | 39.74 |
| $ 6 Phenol-d5 | 10.0 | 2.76 | 27.61 |
| $ 27 Nitrobenzene-d5 | 10.0 | 8.14 | 81.45 |
| $ 51 2-Fluorobiphenyl | 10.0 | 8.04 | 80.38 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.51 | 95.13 |
| $ 96 Terphenyl-d14 | 10.0 | 9.31 | 93.08 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020235/2-A

Matrix: Solid | Lab File ID: X62075.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 2.73 | | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 2.71 | | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 2.24 | | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 2.60 | | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 2.65 | | 0.33 | 0.022 |
| 95-95-4 | 2,4,5-Trichlorophenol | 2.78 | | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 2.75 | | 0.13 | 0.042 |
| 120-83-2 | 2,4-Dichlorophenol | 2.77 | | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 3.24 | | 0.33 | 0.039 |
| 51-28-5 | 2,4-Dinitrophenol | 4.53 | | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 2.79 | | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 2.81 | | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 2.76 | | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 2.68 | | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 2.39 | | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 2.72 | | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 2.62 | | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 2.68 | | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1.47 | | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 1.92 | | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 5.35 | | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 2.77 | | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 2.66 | | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 1.26 | | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 2.78 | | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 2.65 | | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 2.48 | | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 4.73 | | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 2.73 | | 0.33 | 0.0094 |
| 208-96-8 | Acenaphthylene | 2.92 | | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 2.59 | | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020235/2-A

Matrix: Solid | Lab File ID: X62075.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 2.74 | | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 1.32 | | 0.13 | 0.019 |
| 100-52-7 | Benzaldehyde | 1.22 | | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 2.77 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 2.95 | | 0.033 | 0.0088 |
| 205-99-2 | Benzo[b]fluoranthene | 2.96 | | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 3.13 | | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 2.75 | | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 2.65 | | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 2.63 | | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 2.75 | | 0.33 | 0.017 |
| 85-68-7 | Butyl benzyl phthalate | 2.74 | | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 1.33 | | 0.33 | 0.051 |
| 86-74-8 | Carbazole | 2.73 | | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 2.72 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 2.90 | | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 2.71 | | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 2.71 | | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 2.75 | | 0.33 | 0.075 |
| 84-74-2 | Di-n-butyl phthalate | 2.77 | | 0.33 | 0.012 |
| 117-84-0 | Di-n-octyl phthalate | 2.83 | | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 2.72 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 2.77 | | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 2.84 | | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 2.68 | | 0.067 | 0.0070 |
| 77-47-4 | Hexachlorocyclopentadiene | 3.75 | | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 2.63 | | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 2.96 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 2.70 | | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 2.69 | | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 2.72 | | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020235/2-A

Matrix: Solid | Lab File ID: X62075.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:09

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 2.75 | | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 2.77 | | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 5.30 | | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 2.77 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 2.65 | | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 2.74 | | 0.33 | 0.0082 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 73 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 72 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 74 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 71 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 73 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 73 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62075.d
Lims ID: LCS 460-1020235/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Feb-2025 15:09:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:12:13 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: G4KC Date: 09-Feb-2025 13:12:13

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.114 | 1.101 | 0.013 | 95 | 61826 | 50.0 | 33.5 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.261 | 1.254 | 0.007 | 90 | 106872 | 50.0 | 38.0 | |
| | 3 Pyridine | 79 | 1.286 | 1.277 | 0.009 | 93 | 255890 | 100.0 | 57.7 | |
| $ | 4 2-Fluorophenol | 112 | 2.065 | 2.055 | 0.010 | 95 | 163110 | 50.0 | 37.0 | |
| | 5 Benzaldehyde | 77 | 2.693 | 2.690 | 0.003 | 93 | 72084 | 20.0 | 18.3 | E |
| $ | 6 Phenol-d5 | 99 | 2.770 | 2.767 | 0.003 | 95 | 207871 | 50.0 | 36.3 | |
| | 7 Phenol | 94 | 2.780 | 2.780 | 0.000 | 86 | 243270 | 50.0 | 39.7 | |
| | 8 Aniline | 93 | 2.783 | 2.780 | 0.003 | 83 | 261180 | 50.0 | 42.0 | |
| | 9 Bis(2-chloroethyl)ether | 93 | 2.831 | 2.831 | 0.000 | 93 | 180386 | 50.0 | 39.5 | |
| | 11 2-Chlorophenol | 128 | 2.882 | 2.876 | 0.006 | 94 | 192223 | 50.0 | 40.2 | |
| | 12 n-Decane | 43 | 2.923 | 2.920 | 0.003 | 92 | 194881 | 50.0 | 37.3 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.000 | 2.997 | 0.003 | 96 | 204425 | 50.0 | 38.5 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.045 | 3.042 | 0.003 | 95 | 142601 | 40.0 | 40.0 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.061 | 3.055 | 0.006 | 95 | 209091 | 50.0 | 39.4 | |
| | 16 Benzyl alcohol | 108 | 3.179 | 3.176 | 0.003 | 92 | 124106 | 50.0 | 40.7 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.189 | 3.186 | 0.003 | 95 | 198568 | 50.0 | 39.0 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.284 | 3.278 | 0.006 | 85 | 255608 | 50.0 | 39.0 | |
| | 18 2-Methylphenol | 108 | 3.284 | 3.281 | 0.003 | 70 | 165297 | 50.0 | 40.8 | |
| | 20 N-Methylaniline | 106 | 3.390 | 3.387 | 0.003 | 93 | 285116 | 50.0 | 40.3 | a |
| | 21 Acetophenone | 105 | 3.399 | 3.400 | -0.001 | 91 | 256605 | 50.0 | 38.9 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.406 | 3.406 | 0.000 | 86 | 126469 | 50.0 | 41.3 | |
| | 24 4-Methylphenol | 108 | 3.422 | 3.422 | 0.000 | 48 | 175374 | 50.0 | 39.8 | a |
| | 23 3 & 4 Methylphenol | 108 | 3.422 | 3.422 | 0.000 | 53 | 175374 | 50.0 | 39.8 | |
| | 25 Hexachloroethane | 117 | 3.476 | 3.473 | 0.003 | 92 | 79189 | 50.0 | 39.5 | |
| $ | 26 Nitrobenzene-d5 | 82 | 3.527 | 3.527 | 0.000 | 86 | 184374 | 50.0 | 35.6 | |
| | 28 Nitrobenzene | 123 | 3.546 | 3.547 | -0.001 | 88 | 91007 | 50.0 | 40.8 | |
| | 27 n,n'-Dimethylaniline | 120 | 3.550 | 3.547 | 0.003 | 86 | 288712 | 50.0 | 40.7 | |
| | 31 Isophorone | 82 | 3.763 | 3.770 | -0.007 | 97 | 354739 | 50.0 | 40.5 | |
| | 32 2-Nitrophenol | 139 | 3.827 | 3.828 | -0.001 | 95 | 102482 | 50.0 | 40.2 | |
| | 33 2,4-Dimethylphenol | 122 | 3.888 | 3.888 | 0.000 | 91 | 165568 | 50.0 | 48.7 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 3.958 | 3.959 | -0.001 | 99 | 222462 | 50.0 | 39.8 | |
| | 35 Benzoic acid | 122 | 4.041 | 4.051 | -0.010 | 68 | 109791 | 50.0 | 40.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 36 2,4-Dichlorophenol | 162 | 4.051 | 4.051 | 0.000 | 96 | 158309 | 50.0 | 41.5 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.115 | 4.112 | 0.003 | 90 | 179567 | 50.0 | 40.3 | |
| * 38 Naphthalene-d8 | 136 | 4.160 | 4.157 | 0.003 | 99 | 538736 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.176 | 4.176 | 0.000 | 98 | 548808 | 50.0 | 40.3 | |
| 40 4-Chloroaniline | 127 | 4.246 | 4.240 | 0.006 | 65 | 100695 | 50.0 | 18.9 | |
| 130 2,6-Dichlorophenol | 162 | 4.243 | 4.243 | 0.000 | 96 | 152349 | 50.0 | 40.6 | |
| 41 Hexachlorobutadiene | 225 | 4.297 | 4.294 | 0.003 | 96 | 108625 | 50.0 | 40.2 | |
| 42 Caprolactam | 55 | 4.575 | 4.575 | -0.090 | 90 | 40738 | 20.0 | 19.9 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.699 | 4.697 | 0.002 | 93 | 150132 | 50.0 | 39.9 | |
| 44 2-Methylnaphthalene | 142 | 4.792 | 4.793 | 0.000 | 79 | 326115 | 50.0 | 35.9 | |
| 45 1-Methylnaphthalene | 142 | 4.878 | 4.876 | 0.002 | 83 | 336413 | 50.0 | 40.8 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.936 | 4.936 | 0.000 | 89 | 127041 | 50.0 | 56.3 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.946 | 4.946 | 0.000 | 98 | 178443 | 50.0 | 40.7 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 4.997 | 4.997 | 0.000 | 90 | 221694 | 50.0 | 40.7 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.058 | 5.058 | 0.000 | 92 | 112846 | 50.0 | 41.3 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.096 | 5.093 | 0.003 | 97 | 124404 | 50.0 | 41.6 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.122 | 5.122 | 0.000 | 91 | 370431 | 50.0 | 36.0 | |
| 52 1,1'-Biphenyl | 154 | 5.208 | 5.208 | 0.000 | 96 | 435057 | 50.0 | 41.0 | |
| 53 2-Chloronaphthalene | 162 | 5.221 | 5.221 | 0.000 | 97 | 340313 | 50.0 | 41.3 | |
| 54 Phenyl ether | 170 | 5.301 | 5.301 | 0.000 | 82 | 232821 | 50.0 | 38.9 | |
| 56 2-Nitroaniline | 65 | 5.326 | 5.327 | -0.001 | 80 | 95922 | 50.0 | 39.4 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.416 | 5.416 | 0.000 | 91 | 267134 | 50.0 | 39.7 | |
| 58 Dimethyl phthalate | 163 | 5.493 | 5.493 | 0.000 | 99 | 380398 | 50.0 | 41.2 | |
| 59 Coumarin | 146 | 5.509 | 5.509 | 0.000 | 79 | 124204 | 50.0 | 39.3 | |
| 60 2,6-Dinitrotoluene | 165 | 5.544 | 5.547 | -0.003 | 80 | 85166 | 50.0 | 42.1 | |
| 61 Acenaphthylene | 152 | 5.579 | 5.579 | 0.000 | 96 | 540827 | 50.0 | 43.9 | |
| 64 3-Nitroaniline | 138 | 5.694 | 5.698 | -0.004 | 94 | 66068 | 50.0 | 28.8 | |
| * 65 Acenaphthene-d10 | 164 | 5.707 | 5.704 | 0.003 | 96 | 274337 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.732 | 5.733 | -0.001 | 94 | 306422 | 50.0 | 41.0 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.742 | 5.742 | 0.000 | 96 | 290697 | 50.0 | 47.7 | |
| 68 2,4-Dinitrophenol | 184 | 5.796 | 5.797 | -0.001 | 95 | 92373 | 100.0 | 68.0 | |
| 69 4-Nitrophenol | 65 | 5.883 | 5.887 | -0.003 | 57 | 118464 | 100.0 | 70.9 | |
| 71 Dibenzofuran | 168 | 5.886 | 5.887 | 0.000 | 86 | 470091 | 50.0 | 40.6 | |
| 70 2,4-Dinitrotoluene | 165 | 5.905 | 5.906 | -0.001 | 56 | 113933 | 50.0 | 41.9 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.011 | 6.011 | 0.000 | 96 | 98086 | 50.0 | 39.7 | |
| 73 Diethyl phthalate | 149 | 6.113 | 6.117 | -0.004 | 98 | 371579 | 50.0 | 40.6 | |
| 75 Fluorene | 166 | 6.187 | 6.187 | 0.000 | 83 | 377852 | 50.0 | 41.5 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.193 | 6.194 | -0.001 | 85 | 189612 | 50.0 | 41.6 | |
| 76 4-Nitroaniline | 138 | 6.238 | 6.245 | -0.007 | 91 | 81470 | 50.0 | 37.1 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.270 | 6.274 | -0.004 | 83 | 134838 | 100.0 | 80.3 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.305 | 6.306 | -0.001 | 97 | 271436 | 50.0 | 41.6 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.334 | 6.334 | 0.000 | 96 | 360201 | 50.0 | 39.3 | |
| 131 Azobenzene | 77 | 6.334 | 6.334 | 0.000 | 0 | 360082 | 50.0 | 39.3 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.401 | 6.402 | -0.001 | 89 | 81230 | 50.0 | 36.6 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.618 | 6.619 | -0.001 | 93 | 121759 | 50.0 | 41.5 | |
| 83 Hexachlorobenzene | 284 | 6.679 | 6.680 | -0.001 | 94 | 158308 | 50.0 | 42.7 | |
| 84 Atrazine | 200 | 6.788 | 6.789 | 0.000 | 91 | 48912 | 20.0 | 19.8 | |
| 85 Pentachlorophenol | 266 | 6.861 | 6.862 | -0.001 | 89 | 174045 | 100.0 | 79.5 | |
| 86 Pentachloronitrobenzene | 237 | 6.868 | 6.865 | 0.003 | 65 | 49837 | 50.0 | 39.6 | |
| 87 n-Octadecane | 57 | 6.948 | 6.945 | 0.003 | 90 | 257759 | 50.0 | 41.0 | |
| * 88 Phenanthrene-d10 | 188 | 7.005 | 7.006 | -0.001 | 98 | 523026 | 40.0 | 40.0 | |
| 89 Phenanthrene | 178 | 7.028 | 7.029 | -0.001 | 97 | 541739 | 50.0 | 41.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Anthracene | 178 | 7.072 | 7.073 | -0.001 | 97 | 552959 | 50.0 | 41.2 | |
| 91 Carbazole | 167 | 7.226 | 7.224 | 0.002 | 82 | 494470 | 50.0 | 41.0 | |
| 92 Di-n-butyl phthalate | 149 | 7.545 | 7.546 | -0.001 | 99 | 624024 | 50.0 | 41.5 | |
| 93 Fluoranthene | 202 | 8.072 | 8.070 | 0.002 | 97 | 602455 | 50.0 | 40.8 | |
| 94 Benzidine | 184 | 8.203 | 8.201 | 0.002 | 99 | 218443 | 50.0 | 42.1 | |
| 95 Pyrene | 202 | 8.270 | 8.268 | 0.002 | 95 | 619708 | 50.0 | 41.2 | |
| 82 Bisphenol-A | 213 | 8.340 | 8.336 | 0.004 | 98 | 134519 | 25.0 | 20.7 | |
| $ 96 Terphenyl-d14 | 244 | 8.417 | 8.416 | 0.001 | 98 | 492237 | 50.0 | 36.3 | |
| 97 Butyl benzyl phthalate | 149 | 8.864 | 8.863 | 0.001 | 96 | 269062 | 50.0 | 41.1 | |
| 99 Carbamazepine | 193 | 8.960 | 8.959 | 0.001 | 92 | 236359 | 50.0 | 41.9 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.353 | 9.355 | -0.002 | 98 | 128597 | 50.0 | 22.1 | |
| 101 Benzo[a]anthracene | 228 | 9.369 | 9.368 | 0.001 | 99 | 620412 | 50.0 | 41.5 | |
| * 102 Chrysene-d12 | 240 | 9.382 | 9.378 | 0.004 | 98 | 456595 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.404 | 9.403 | 0.001 | 95 | 590986 | 50.0 | 40.8 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.427 | 9.422 | 0.005 | 84 | 391311 | 50.0 | 41.3 | |
| 105 Di-n-octyl phthalate | 149 | 10.075 | 10.071 | 0.004 | 96 | 661595 | 50.0 | 42.5 | |
| 106 Benzo[b]fluoranthene | 252 | 10.445 | 10.445 | 0.000 | 98 | 645085 | 50.0 | 44.4 | |
| 107 Benzo[k]fluoranthene | 252 | 10.471 | 10.473 | -0.002 | 95 | 640253 | 50.0 | 41.2 | |
| 108 Benzo[a]pyrene | 252 | 10.768 | 10.767 | 0.001 | 96 | 588878 | 50.0 | 44.2 | |
| * 109 Perylene-d12 | 264 | 10.826 | 10.822 | 0.004 | 98 | 525862 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.943 | 11.943 | 0.000 | 94 | 784357 | 50.0 | 44.4 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.956 | 11.959 | -0.003 | 91 | 634406 | 50.0 | 43.4 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.247 | 12.250 | -0.003 | 90 | 624499 | 50.0 | 47.0 | |

## QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-Feb-2025 13:12:14 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62075.d

Injection Date: 08-Feb-2025 15:09:30 Instrument ID: CBNAMS5

Lims ID: LCS 460-1020235/2-A

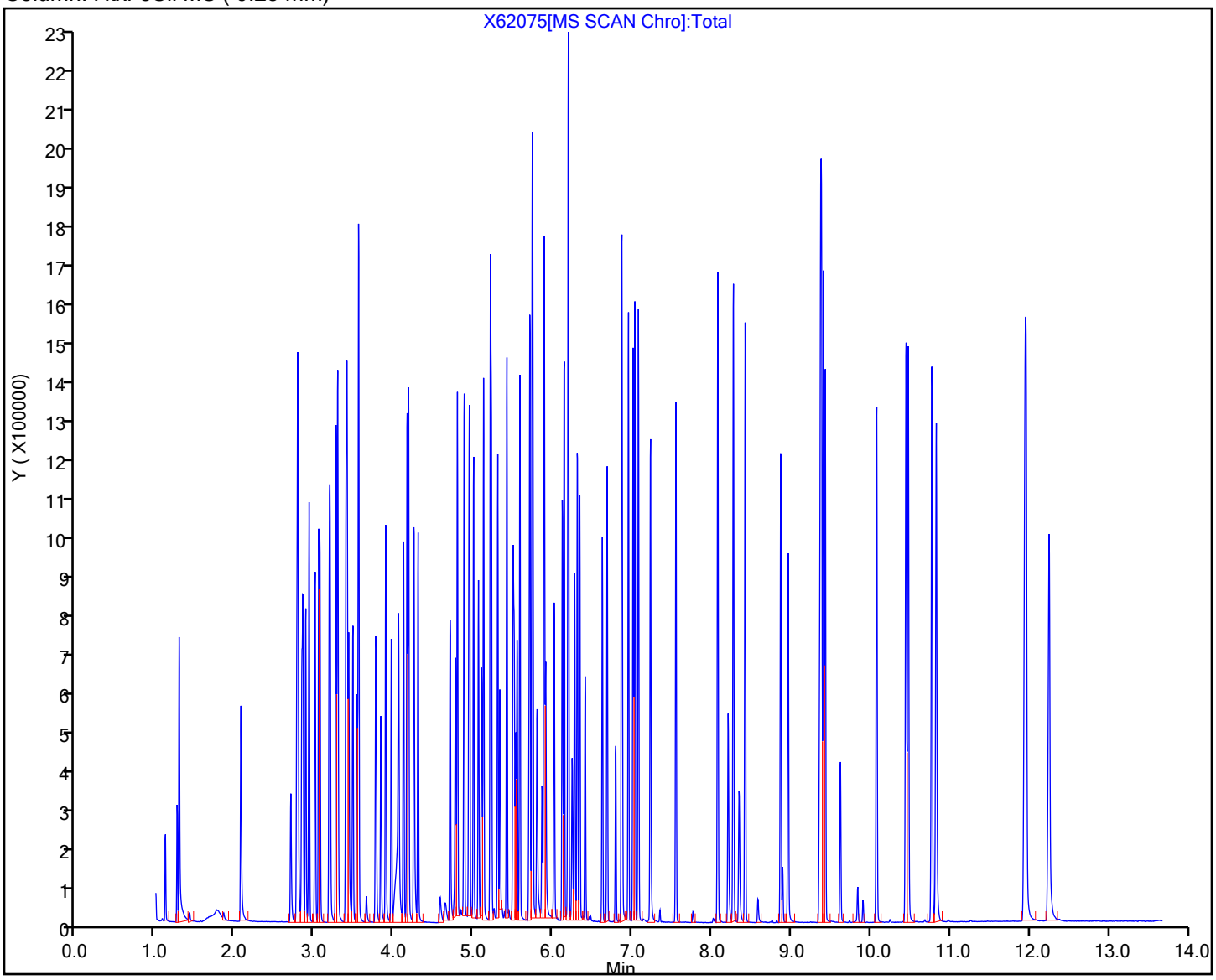
Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8270_5R Limit Group: SV 8270E ICAL

Column: Rtxi-5Sil MS ( 0.25 mm)



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62075.d
Lims ID: LCS 460-1020235/2-A
Client ID:
Sample Type: LCS
Inject. Date: 08-Feb-2025 15:09:30 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-004
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:12:13 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: G4KC Date: 09-Feb-2025 13:12:13

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 37.0 | 74.08 |
| $ 6 Phenol-d5 | 50.0 | 36.3 | 72.57 |
| $ 26 Nitrobenzene-d5 | 50.0 | 35.6 | 71.28 |
| $ 51 2-Fluorobiphenyl | 50.0 | 36.0 | 71.92 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 36.6 | 73.14 |
| $ 96 Terphenyl-d14 | 50.0 | 36.3 | 72.55 |

Manual Integration/User Assign Peak Report

Eurofins Edison

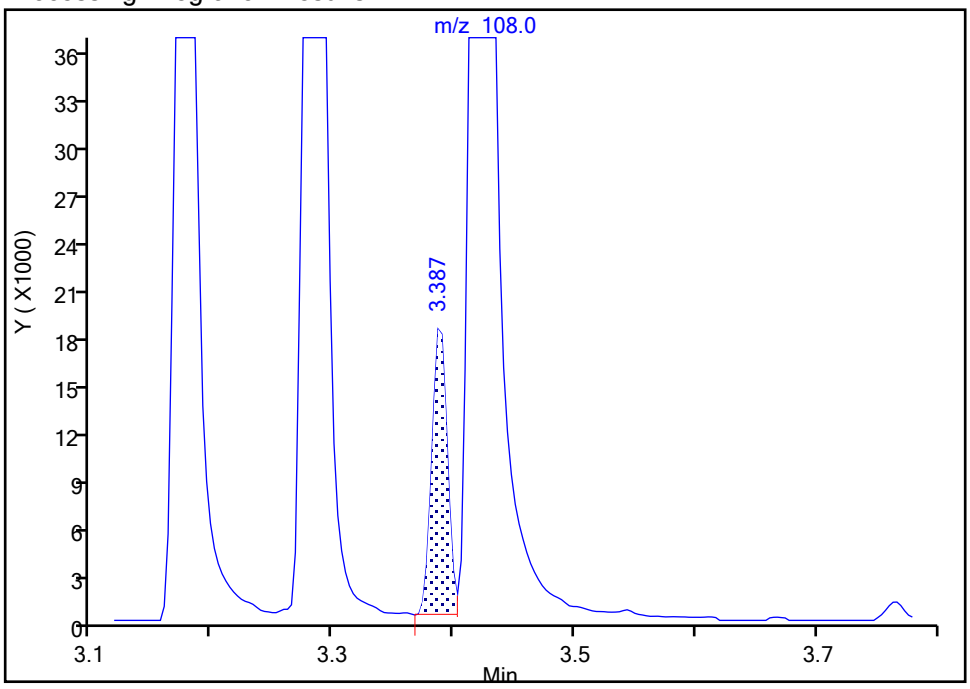
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62075.d
Injection Date: 08-Feb-2025 15:09:30 Instrument ID: CBNAMS5
Lims ID: LCS 460-1020235/2-A
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

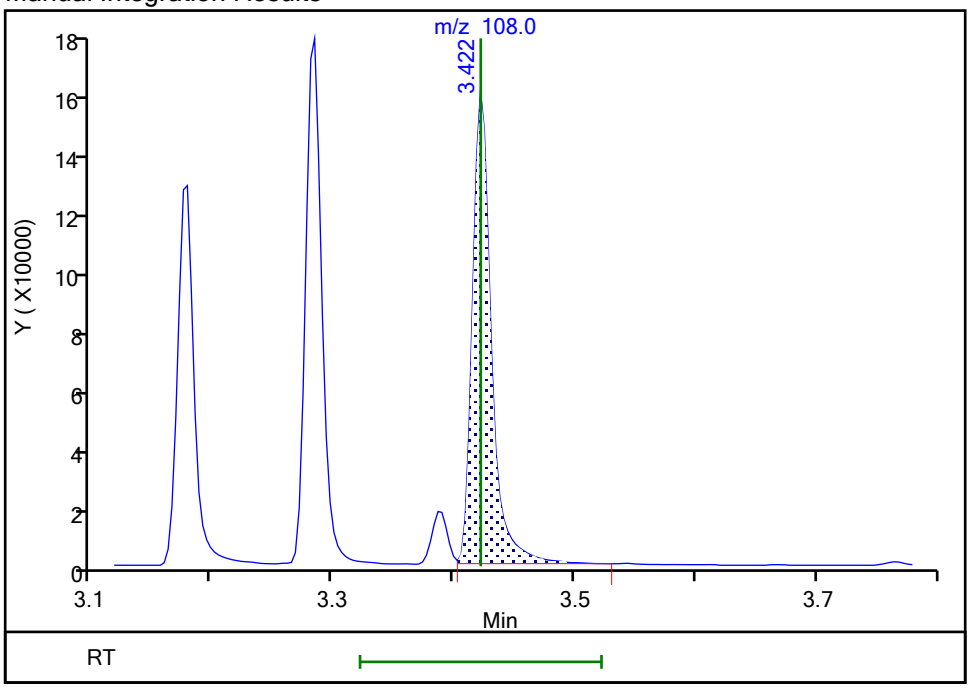
Processing Integration Results

RT: 3.39
Area: 16071
Amount: 3.642644
Amount Units: ug/ml




Manual Integration Results

RT: 3.42
Area: 175374
Amount: 39.750170
Amount Units: ug/ml




Reviewer: U6BX, 08-Feb-2025 15:32:44 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

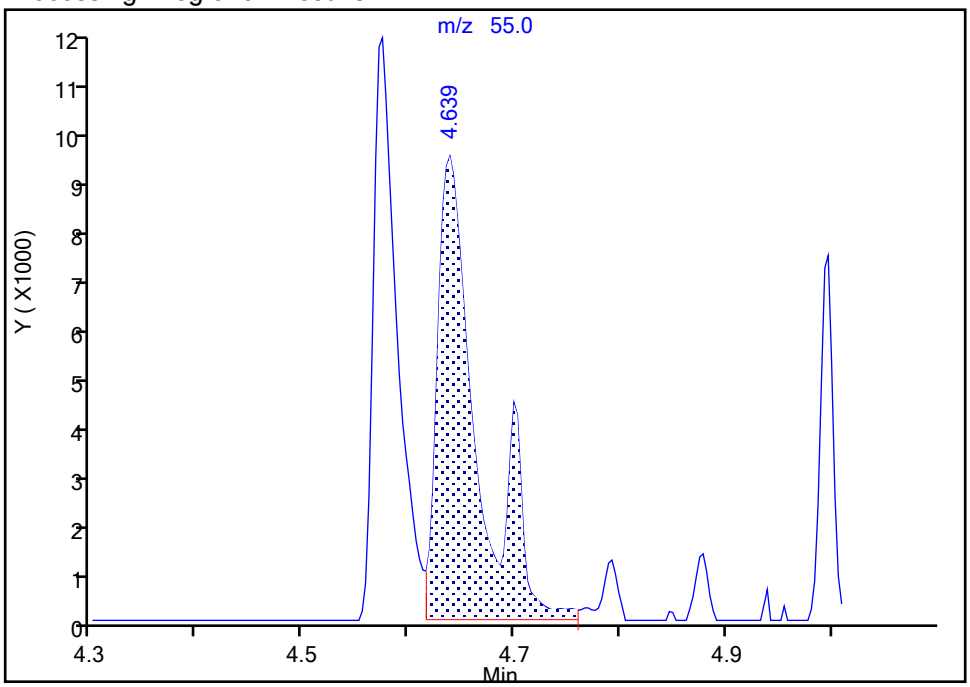
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62075.d | | | | |
| Injection Date: | 08-Feb-2025 15:09:30 | Instrument ID: | CBNAMS5 | | |
| Lims ID: | LCS 460-1020235/2-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8270_5R | Limit Group: | SV 8270E ICAL | | |
| Column: | Rtxi-5Sil MS ( 0.25 mm) | Detector | MS SCAN | | |

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

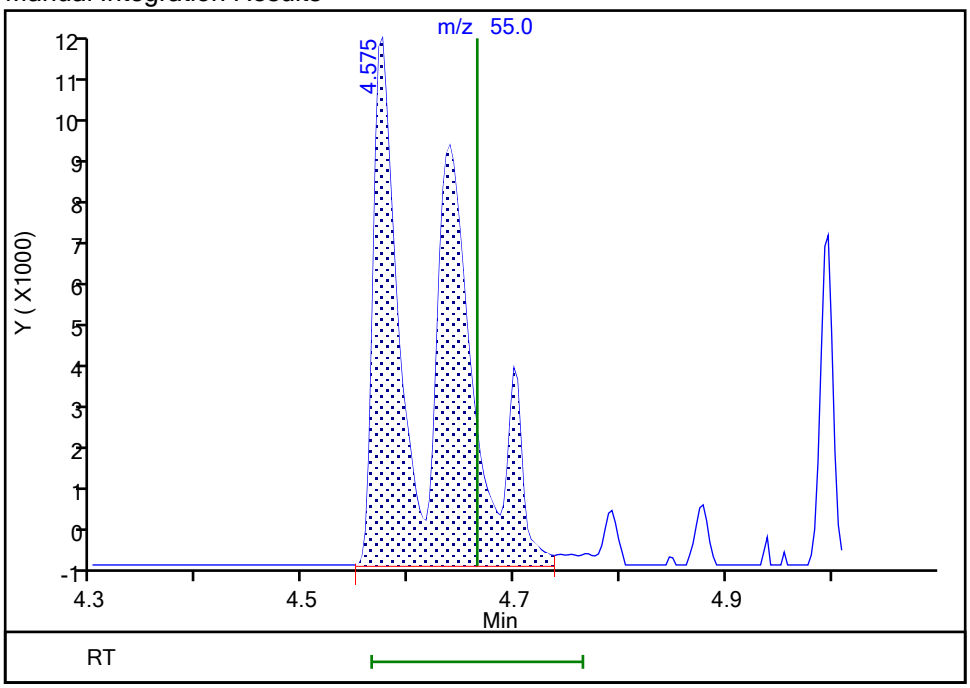
Processing Integration Results

RT: 4.64
Area: 23370
Amount: 11.419312
Amount Units: ug/ml




Manual Integration Results

RT: 4.57
Area: 40738
Amount: 19.905859
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:11:46 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020073/3-A

Matrix: Water | Lab File ID: N56275.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 68.6 | | 5.0 | 1.2 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 67.5 | | 10 | 1.2 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 67.6 | | 10 | 0.63 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 82.2 | | 10 | 0.75 |
| 95-95-4 | 2,4,5-Trichlorophenol | 80.9 | | 10 | 0.88 |
| 88-06-2 | 2,4,6-Trichlorophenol | 80.0 | | 3.0 | 0.86 |
| 120-83-2 | 2,4-Dichlorophenol | 72.3 | | 10 | 1.1 |
| 105-67-9 | 2,4-Dimethylphenol | 86.6 | | 10 | 0.62 |
| 51-28-5 | 2,4-Dinitrophenol | 166 | | 40 | 11 |
| 121-14-2 | 2,4-Dinitrotoluene | 88.7 | | 10 | 1.0 |
| 606-20-2 | 2,6-Dinitrotoluene | 85.4 | | 2.0 | 0.83 |
| 91-58-7 | 2-Chloronaphthalene | 67.9 | | 10 | 1.2 |
| 95-57-8 | 2-Chlorophenol | 60.1 | | 10 | 0.95 |
| 91-57-6 | 2-Methylnaphthalene | 57.9 | | 10 | 0.53 |
| 95-48-7 | 2-Methylphenol | 57.6 | | 10 | 0.67 |
| 88-74-4 | 2-Nitroaniline | 79.5 | | 10 | 1.2 |
| 88-75-5 | 2-Nitrophenol | 72.7 | | 10 | 0.75 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 73.9 | | 5.2 | 1.4 |
| 99-09-2 | 3-Nitroaniline | 75.0 | | 10 | 1.9 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 175 | | 20 | 8.6 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 87.3 | | 10 | 0.75 |
| 59-50-7 | 4-Chloro-3-methylphenol | 74.3 | | 10 | 1.3 |
| 106-47-8 | 4-Chloroaniline | 72.8 | | 5.0 | 1.9 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 79.8 | | 10 | 1.3 |
| 106-44-5 | 4-Methylphenol | 52.1 | | 10 | 0.65 |
| 100-01-6 | 4-Nitroaniline | 78.7 | | 10 | 1.2 |
| 100-02-7 | 4-Nitrophenol | 64.8 | | 20 | 4.0 |
| 83-32-9 | Acenaphthene | 72.1 | | 10 | 1.1 |
| 208-96-8 | Acenaphthylene | 76.0 | | 10 | 0.82 |
| 98-86-2 | Acetophenone | 70.7 | | 10 | 2.3 |
| 120-12-7 | Anthracene | 81.4 | | 10 | 1.3 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020073/3-A

Matrix: Water | Lab File ID: N56275.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 1912-24-9 | Atrazine | 52.9 | | 2.0 | 1.3 |
| 100-52-7 | Benzaldehyde | 41.9 | | 10 | 2.1 |
| 56-55-3 | Benzo[a]anthracene | 83.4 | | 1.0 | 0.59 |
| 50-32-8 | Benzo[a]pyrene | 91.0 | | 1.0 | 0.41 |
| 205-99-2 | Benzo[b]fluoranthene | 87.0 | | 2.0 | 0.68 |
| 191-24-2 | Benzo[g,h,i]perylene | 93.7 | | 10 | 0.70 |
| 207-08-9 | Benzo[k]fluoranthene | 89.8 | | 1.0 | 0.67 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 73.8 | | 10 | 0.59 |
| 111-44-4 | Bis(2-chloroethyl)ether | 70.0 | | 1.0 | 0.63 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 88.6 | | 2.0 | 0.80 |
| 85-68-7 | Butyl benzyl phthalate | 92.8 | | 10 | 0.85 |
| 105-60-2 | Caprolactam | 11.6 | | 10 | 2.2 |
| 86-74-8 | Carbazole | 79.3 | | 10 | 0.68 |
| 218-01-9 | Chrysene | 80.1 | | 2.0 | 0.91 |
| 53-70-3 | Dibenz(a,h)anthracene | 89.6 | | 1.0 | 0.72 |
| 132-64-9 | Dibenzofuran | 74.6 | | 10 | 1.1 |
| 84-66-2 | Diethyl phthalate | 80.9 | | 10 | 0.98 |
| 131-11-3 | Dimethyl phthalate | 83.2 | | 10 | 0.77 |
| 84-74-2 | Di-n-butyl phthalate | 84.4 | | 10 | 0.84 |
| 117-84-0 | Di-n-octyl phthalate | 96.8 | | 10 | 4.0 |
| 206-44-0 | Fluoranthene | 79.9 | | 10 | 0.84 |
| 86-73-7 | Fluorene | 76.3 | | 10 | 0.91 |
| 118-74-1 | Hexachlorobenzene | 87.7 | | 1.0 | 0.40 |
| 87-68-3 | Hexachlorobutadiene | 42.3 | | 1.0 | 0.78 |
| 77-47-4 | Hexachlorocyclopentadiene | 67.4 | | 10 | 3.6 |
| 67-72-1 | Hexachloroethane | 31.0 | | 0.80 | 0.31 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 91.8 | | 2.0 | 0.94 |
| 78-59-1 | Isophorone | 78.4 | | 10 | 0.80 |
| 91-20-3 | Naphthalene | 56.5 | | 2.0 | 0.54 |
| 98-95-3 | Nitrobenzene | 75.2 | | 1.0 | 0.57 |
| 621-64-7 | N-Nitrosodi-n-propylamine | 74.3 | | 1.0 | 0.43 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020073/3-A

Matrix: Water | Lab File ID: N56275.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3510C | Date Extracted: 02/07/2025 06:22

Sample wt/vol: 250(mL) | Date Analyzed: 02/07/2025 12:47

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 5(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020114 | Units: ug/L

Preparation Batch No.: 1020073 | Instrument ID: CBNAMS14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 86-30-6 | N-Nitrosodiphenylamine | 80.4 | | 10 | 0.89 |
| 87-86-5 | Pentachlorophenol | 166 | | 20 | 6.6 |
| 85-01-8 | Phenanthrene | 80.7 | | 10 | 1.3 |
| 108-95-2 | Phenol | 28.3 | | 10 | 0.29 |
| 129-00-0 | Pyrene | 95.5 | | 10 | 1.6 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 95 | | 37-150 |
| 321-60-8 | 2-Fluorobiphenyl | 80 | | 46-139 |
| 367-12-4 | 2-Fluorophenol (Surr) | 40 | | 16-80 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 82 | | 51-145 |
| 4165-62-2 | Phenol-d5 (Surr) | 28 | | 10-56 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 103 | | 13-159 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56275.d
Lims ID: LCSD 460-1020073/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 12:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 07-Feb-2025 13:11:29 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: G4KC Date: 07-Feb-2025 13:11:29

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1 1,4-Dioxane | 88 | 1.100 | 1.060 | 0.041 | 90 | 227110 | 10.0 | 4.58 | |
| | 2 N-Nitrosodimethylamine | 74 | 1.260 | 1.226 | 0.035 | 96 | 345903 | 10.0 | 4.67 | |
| | 3 Pyridine | 79 | 1.276 | 1.239 | 0.038 | 97 | 583839 | 20.0 | 5.43 | |
| $ | 4 2-Fluorophenol | 112 | 2.138 | 2.124 | 0.016 | 96 | 540329 | 10.0 | 4.02 | |
| | 5 Benzaldehyde | 77 | 2.872 | 2.871 | 0.003 | 95 | 542339 | 5.00 | 5.24 | E |
| | 8 Aniline | 93 | 2.987 | 2.987 | 0.003 | 99 | 1279740 | 10.0 | 7.07 | |
| $ | 6 Phenol-d5 | 99 | 2.984 | 2.990 | -0.003 | 92 | 458942 | 10.0 | 2.76 | |
| | 7 Phenol | 94 | 2.997 | 3.003 | -0.003 | 95 | 604423 | 10.0 | 3.54 | |
| | 10 Benzonitrile | 103 | 3.067 | 3.070 | 0.000 | 96 | 2209865 | NC | NC | |
| | 9 Bis(2-chloroethyl)ether | 93 | 3.067 | 3.070 | 0.000 | 99 | 1077660 | 10.0 | 8.75 | |
| | 11 2-Chlorophenol | 128 | 3.099 | 3.099 | 0.003 | 98 | 1101323 | 10.0 | 7.51 | |
| | 12 n-Decane | 43 | 3.172 | 3.172 | 0.002 | 87 | 321435 | 10.0 | 3.09 | |
| | 13 1,3-Dichlorobenzene | 146 | 3.246 | 3.246 | 0.003 | 98 | 787243 | 10.0 | 4.57 | |
| * | 14 1,4-Dichlorobenzene-d4 | 152 | 3.307 | 3.304 | 0.003 | 93 | 903362 | 8.00 | 8.00 | |
| | 15 1,4-Dichlorobenzene | 146 | 3.323 | 3.326 | 0.000 | 96 | 812525 | 10.0 | 4.77 | |
| | 17 1,2-Dichlorobenzene | 146 | 3.473 | 3.473 | 0.003 | 98 | 816715 | 10.0 | 5.03 | |
| | 16 Benzyl alcohol | 108 | 3.479 | 3.479 | 0.003 | 95 | 564409 | 10.0 | 6.93 | |
| | 18 2-Methylphenol | 108 | 3.613 | 3.614 | 0.002 | 89 | 826273 | 10.0 | 7.20 | |
| | 19 2,2'-oxybis[1-chloropropane] | 45 | 3.620 | 3.614 | 0.009 | 92 | 1050360 | 10.0 | 8.46 | |
| | 20 N-Methylaniline | 106 | 3.732 | 3.731 | 0.003 | 98 | 1698421 | 10.0 | 9.02 | |
| | 21 Acetophenone | 105 | 3.738 | 3.742 | -0.001 | 94 | 1581087 | 10.0 | 8.83 | |
| | 22 N-Nitrosodi-n-propylamine | 70 | 3.757 | 3.758 | 0.002 | 79 | 734686 | 10.0 | 9.29 | |
| | 24 4-Methylphenol | 108 | 3.780 | 3.780 | 0.003 | 98 | 779732 | 10.0 | 6.51 | |
| | 23 3 & 4 Methylphenol | 108 | 3.780 | 3.780 | 0.003 | 67 | 779732 | 10.0 | 6.51 | |
| | 25 Hexachloroethane | 117 | 3.805 | 3.809 | -0.001 | 92 | 226085 | 10.0 | 3.88 | |
| $ | 27 Nitrobenzene-d5 | 82 | 3.882 | 3.882 | 0.003 | 84 | 1036822 | 10.0 | 8.17 | |
| | 28 Nitrobenzene | 123 | 3.901 | 3.901 | 0.002 | 97 | 583716 | 10.0 | 9.40 | |
| | 29 n,n'-Dimethylaniline | 120 | 3.908 | 3.908 | 0.003 | 94 | 1818561 | 10.0 | 8.87 | |
| | 30 Isophorone | 82 | 4.150 | 4.147 | 0.005 | 98 | 2022364 | 10.0 | 9.80 | |
| | 32 2-Nitrophenol | 139 | 4.214 | 4.214 | 0.002 | 96 | 642334 | 10.0 | 9.08 | |
| | 33 2,4-Dimethylphenol | 122 | 4.304 | 4.304 | 0.003 | 92 | 1019648 | 10.0 | 10.8 | |
| | 34 Bis(2-chloroethoxy)methane | 93 | 4.393 | 4.393 | 0.002 | 96 | 1270957 | 10.0 | 9.23 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Benzoic acid | 122 | 4.425 | 4.457 | -0.030 | 86 | 244167 | 10.0 | 3.71 | |
| 36 2,4-Dichlorophenol | 162 | 4.464 | 4.464 | 0.003 | 97 | 1000828 | 10.0 | 9.04 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.531 | 4.531 | 0.003 | 94 | 796057 | 10.0 | 6.28 | |
| * 38 Naphthalene-d8 | 136 | 4.576 | 4.573 | 0.003 | 99 | 2954640 | 8.00 | 8.00 | |
| 39 Naphthalene | 128 | 4.595 | 4.598 | -0.001 | 99 | 2700950 | 10.0 | 7.06 | |
| 130 2,6-Dichlorophenol | 162 | 4.681 | 4.681 | 0.002 | 95 | 938119 | 10.0 | 8.71 | |
| 40 4-Chloroaniline | 127 | 4.681 | 4.681 | 0.002 | 97 | 1302711 | 10.0 | 9.09 | |
| 41 Hexachlorobutadiene | 225 | 4.736 | 4.736 | 0.003 | 98 | 393180 | 10.0 | 5.28 | |
| 42 Caprolactam | 55 | 5.033 | 5.023 | 0.012 | 95 | 46829 | 5.00 | 1.44 | |
| 43 4-Chloro-3-methylphenol | 107 | 5.186 | 5.190 | -0.001 | 94 | 890509 | 10.0 | 9.28 | |
| 44 2-Methylnaphthalene | 142 | 5.272 | 5.273 | 0.002 | 85 | 1826093 | 10.0 | 7.24 | |
| 45 1-Methylnaphthalene | 142 | 5.365 | 5.366 | 0.002 | 92 | 1883366 | 10.0 | 8.21 | |
| 46 Hexachlorocyclopentadiene | 237 | 5.429 | 5.432 | -0.001 | 98 | 630379 | 10.0 | 8.42 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 5.436 | 5.439 | 0.000 | 98 | 1049889 | 10.0 | 8.44 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 5.525 | 5.526 | 0.002 | 91 | 1470286 | 10.0 | 10.0 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.564 | 5.564 | 0.003 | 93 | 761585 | 10.0 | 10.0 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.596 | 5.596 | 0.003 | 99 | 830282 | 10.0 | 10.1 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.644 | 5.647 | 0.000 | 97 | 2291768 | 10.0 | 8.01 | |
| 52 1,1'-Biphenyl | 154 | 5.733 | 5.733 | 0.002 | 95 | 2479243 | 10.0 | 8.57 | |
| 53 2-Chloronaphthalene | 162 | 5.733 | 5.733 | 0.002 | 95 | 1887537 | 10.0 | 8.49 | |
| 54 Phenyl ether | 170 | 5.839 | 5.839 | 0.003 | 81 | 1397069 | 10.0 | 8.43 | |
| 55 2-Nitroaniline | 65 | 5.858 | 5.858 | 0.002 | 91 | 588240 | 10.0 | 9.94 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.951 | 5.951 | 0.003 | 91 | 1554730 | 10.0 | 8.50 | |
| 60 Coumarin | 146 | 6.044 | 6.045 | 0.003 | 81 | 796045 | 10.0 | 9.96 | |
| 59 Dimethyl phthalate | 163 | 6.066 | 6.063 | 0.006 | 98 | 2516921 | 10.0 | 10.4 | |
| 61 2,6-Dinitrotoluene | 165 | 6.108 | 6.108 | 0.003 | 94 | 559816 | 10.0 | 10.7 | |
| 62 Acenaphthylene | 152 | 6.121 | 6.121 | 0.003 | 97 | 3200414 | 10.0 | 9.50 | |
| 63 3-Nitroaniline | 138 | 6.255 | 6.255 | 0.003 | 94 | 541608 | 10.0 | 9.38 | |
| * 64 Acenaphthene-d10 | 164 | 6.258 | 6.256 | 0.002 | 98 | 1466575 | 8.00 | 8.00 | |
| 66 Acenaphthene | 154 | 6.287 | 6.287 | 0.003 | 95 | 1840609 | 10.0 | 9.01 | |
| 65 3,5-di-tert-butyl-4-hydroxytol | 205 | 6.332 | 6.332 | 0.003 | 96 | 1867621 | 10.0 | 10.9 | |
| 67 2,4-Dinitrophenol | 184 | 6.358 | 6.358 | 0.003 | 91 | 740440 | 20.0 | 20.7 | |
| 70 Dibenzofuran | 168 | 6.454 | 6.454 | 0.003 | 93 | 2853874 | 10.0 | 9.33 | |
| 68 4-Nitrophenol | 65 | 6.454 | 6.460 | -0.003 | 50 | 248040 | 20.0 | 8.10 | |
| 69 2,4-Dinitrotoluene | 165 | 6.479 | 6.479 | 0.003 | 97 | 753736 | 10.0 | 11.1 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.585 | 6.585 | 0.003 | 97 | 675414 | 10.0 | 10.3 | |
| 73 Diethyl phthalate | 149 | 6.735 | 6.739 | -0.001 | 99 | 2417487 | 10.0 | 10.1 | |
| 75 Fluorene | 166 | 6.774 | 6.774 | 0.003 | 94 | 2292981 | 10.0 | 9.54 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.799 | 6.800 | 0.002 | 93 | 1175640 | 10.0 | 9.98 | |
| 76 4-Nitroaniline | 138 | 6.838 | 6.835 | 0.006 | 81 | 502669 | 10.0 | 9.83 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.863 | 6.860 | 0.006 | 94 | 905629 | 20.0 | 21.9 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.921 | 6.921 | 0.003 | 96 | 1699464 | 10.0 | 10.0 | |
| 131 Azobenzene | 77 | 6.947 | 6.947 | 0.003 | 0 | 1834426 | 10.0 | 9.70 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.947 | 6.947 | 0.003 | 92 | 1834198 | 10.0 | 9.97 | |
| $ 80 2,4,6-Tribromophenol | 330 | 7.004 | 7.005 | 0.002 | 89 | 552346 | 10.0 | 9.55 | |
| 81 4-Bromophenyl phenyl ether | 248 | 7.254 | 7.254 | 0.003 | 96 | 806144 | 10.0 | 10.9 | |
| 82 Hexachlorobenzene | 284 | 7.286 | 7.286 | 0.003 | 94 | 1016535 | 10.0 | 11.0 | |
| 83 Atrazine | 200 | 7.455 | 7.452 | 0.006 | 95 | 434286 | 5.00 | 6.61 | E |
| 84 Pentachlorophenol | 266 | 7.487 | 7.487 | 0.002 | 95 | 1150264 | 20.0 | 20.8 | |
| 85 Pentachloronitrobenzene | 237 | 7.497 | 7.497 | 0.003 | 93 | 317958 | 10.0 | 10.6 | |
| 86 n-Octadecane | 57 | 7.641 | 7.641 | 0.003 | 91 | 1086206 | 10.0 | 10.1 | |
| * 87 Phenanthrene-d10 | 188 | 7.645 | 7.642 | 0.003 | 99 | 2468983 | 8.00 | 8.00 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 Phenanthrene | 178 | 7.667 | 7.664 | 0.006 | 97 | 3252166 | 10.0 | 10.1 | |
| 89 Anthracene | 178 | 7.712 | 7.712 | 0.003 | 99 | 3328368 | 10.0 | 10.2 | |
| 90 Carbazole | 167 | 7.884 | 7.888 | -0.001 | 96 | 2820286 | 10.0 | 9.91 | |
| 91 Di-n-butyl phthalate | 149 | 8.275 | 8.275 | 0.003 | 99 | 3480167 | 10.0 | 10.6 | |
| 92 Fluoranthene | 202 | 8.773 | 8.773 | 0.003 | 98 | 3194360 | 10.0 | 9.99 | |
| 93 Benzidine | 184 | 8.939 | 8.941 | 0.000 | 99 | 378325 | 10.0 | 2.97 | |
| 94 Pyrene | 202 | 8.975 | 8.977 | -0.001 | 97 | 3141513 | 10.0 | 11.9 | |
| 95 Bisphenol-A | 213 | 9.128 | 9.128 | 0.009 | 98 | 446019 | 5.00 | 4.72 | a |
| $ 96 Terphenyl-d14 | 244 | 9.173 | 9.175 | 0.000 | 98 | 2311899 | 10.0 | 10.3 | |
| 97 Butyl benzyl phthalate | 149 | 9.675 | 9.678 | -0.001 | 95 | 1120230 | 10.0 | 11.6 | |
| 99 Carbamazepine | 193 | 9.733 | 9.736 | -0.001 | 93 | 835714 | 10.0 | 10.1 | |
| 101 Benzo[a]anthracene | 228 | 10.113 | 10.113 | 0.002 | 98 | 2394676 | 10.0 | 10.4 | |
| * 102 Chrysene-d12 | 240 | 10.123 | 10.121 | 0.002 | 99 | 1394011 | 8.00 | 8.00 | |
| 100 3,3'-Dichlorobenzidine | 252 | 10.126 | 10.129 | -0.001 | 98 | 802633 | 10.0 | 9.24 | |
| 104 Chrysene | 228 | 10.145 | 10.149 | -0.001 | 98 | 2195356 | 10.0 | 10.0 | |
| 103 Bis(2-ethylhexyl) phthalate | 149 | 10.254 | 10.254 | 0.002 | 84 | 1510330 | 10.0 | 11.1 | |
| 105 Di-n-octyl phthalate | 149 | 10.922 | 10.922 | -0.001 | 95 | 2171039 | 10.0 | 12.1 | |
| 106 Benzo[b]fluoranthene | 252 | 11.188 | 11.185 | 0.002 | 98 | 1927149 | 10.0 | 10.9 | |
| 107 Benzo[k]fluoranthene | 252 | 11.217 | 11.217 | -0.001 | 99 | 2058730 | 10.0 | 11.2 | |
| 108 Benzo[a]pyrene | 252 | 11.530 | 11.527 | 0.002 | 97 | 1749740 | 10.0 | 11.4 | |
| * 109 Perylene-d12 | 264 | 11.594 | 11.595 | -0.001 | 99 | 1256103 | 8.00 | 8.00 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 12.831 | 12.831 | -0.001 | 99 | 1834971 | 10.0 | 11.5 | |
| 111 Dibenz(a,h)anthracene | 278 | 12.879 | 12.876 | 0.002 | 98 | 1804279 | 10.0 | 11.2 | |
| 112 Benzo[g,h,i]perylene | 276 | 13.138 | 13.135 | 0.002 | 98 | 1849912 | 10.0 | 11.7 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

E - Exceeded Maximum Amount

Review Flags

a - User Assigned ID

## Reagents:

SM_ISTD_LVI_00197 Amount Added: 20.00 Units: uL Run Reagent

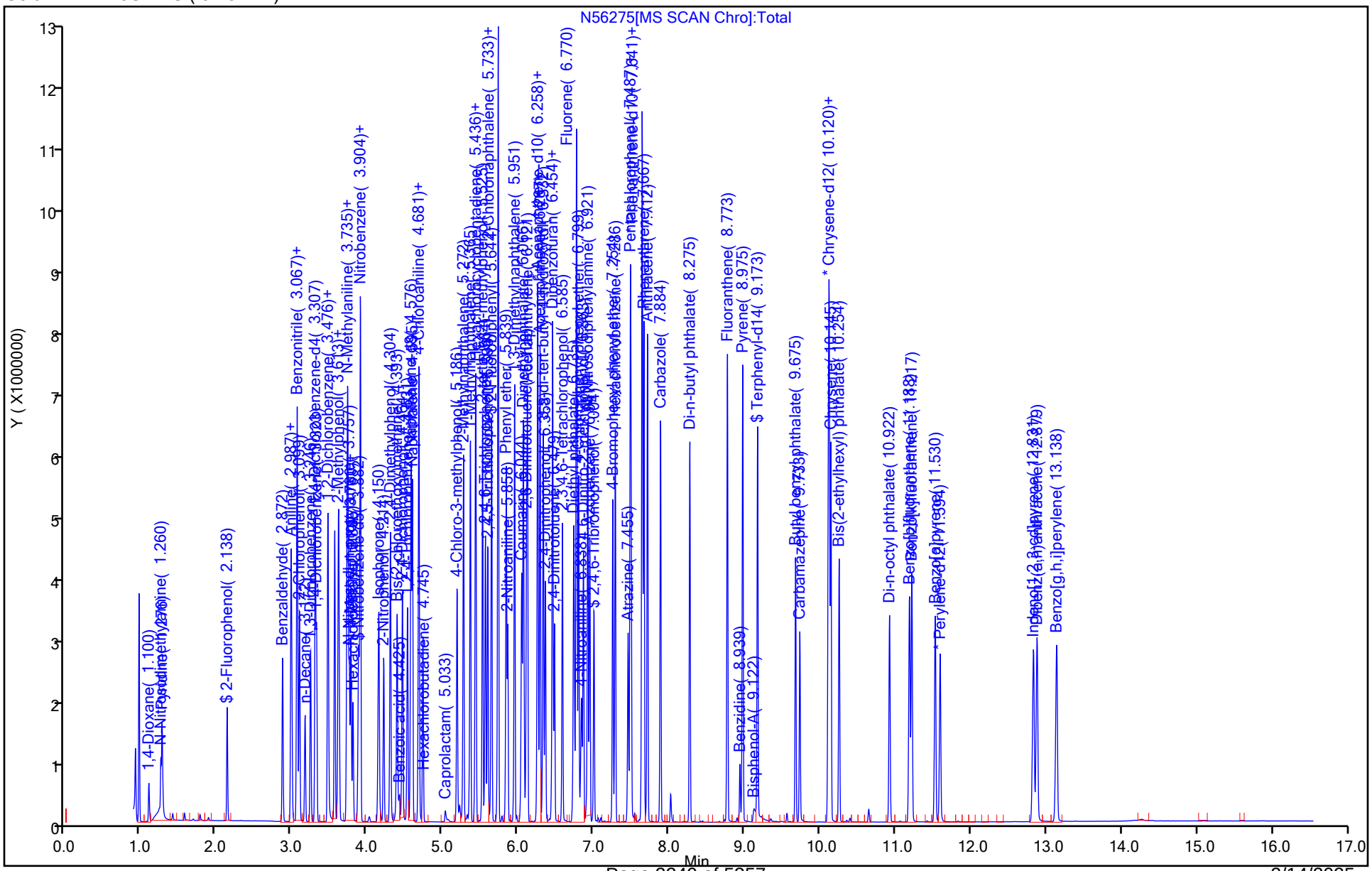
Report Date: 07-Feb-2025 13:11:30 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56275.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 12:47:30 | Instrument ID: | CBNAMS14 | Operator ID: | |
| Lims ID: | LCSD 460-1020073/3-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 5.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8270LVI_14 | Limit Group: | SV 8270E ICAL | | |

Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\N56275.d
Lims ID: LCSD 460-1020073/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 12:47:30 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 5.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186651-006
Operator ID: Instrument ID: CBNAMS14

Method: \\chromfs\Edison\ChromData\CBNAMS14\20250207-186651.b\8270LVI_14.m
Limit Group: SV 8270E ICAL
Last Update: 07-Feb-2025 13:11:29 Calib Date: 29-Jan-2025 13:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS14\20250129-186276.b\N56137.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1714

First Level Reviewer: G4KC Date: 07-Feb-2025 13:11:29

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 10.0 | 4.02 | 40.21 |
| $ 6 Phenol-d5 | 10.0 | 2.76 | 27.58 |
| $ 27 Nitrobenzene-d5 | 10.0 | 8.17 | 81.70 |
| $ 51 2-Fluorobiphenyl | 10.0 | 8.01 | 80.14 |
| $ 80 2,4,6-Tribromophenol | 10.0 | 9.55 | 95.50 |
| $ 96 Terphenyl-d14 | 10.0 | 10.3 | 102.81 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020235/3-A

Matrix: Solid | Lab File ID: X62076.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 92-52-4 | 1,1'-Biphenyl | 2.82 | | 0.33 | 0.012 |
| 95-94-3 | 1,2,4,5-Tetrachlorobenzene | 2.79 | | 0.33 | 0.010 |
| 123-91-1 | 1,4-Dioxane | 2.31 | | 0.033 | 0.029 |
| 108-60-1 | 2,2'-oxybis[1-chloropropane] | 2.65 | | 0.33 | 0.020 |
| 58-90-2 | 2,3,4,6-Tetrachlorophenol | 2.71 | | 0.33 | 0.022 |
| 95-95-4 | 2,4,5-Trichlorophenol | 2.82 | | 0.33 | 0.034 |
| 88-06-2 | 2,4,6-Trichlorophenol | 2.88 | | 0.13 | 0.042 |
| 120-83-2 | 2,4-Dichlorophenol | 2.79 | | 0.13 | 0.021 |
| 105-67-9 | 2,4-Dimethylphenol | 3.34 | | 0.33 | 0.039 |
| 51-28-5 | 2,4-Dinitrophenol | 4.77 | | 0.27 | 0.16 |
| 121-14-2 | 2,4-Dinitrotoluene | 2.93 | | 0.067 | 0.036 |
| 606-20-2 | 2,6-Dinitrotoluene | 2.87 | | 0.067 | 0.024 |
| 91-58-7 | 2-Chloronaphthalene | 2.84 | | 0.33 | 0.015 |
| 95-57-8 | 2-Chlorophenol | 2.74 | | 0.33 | 0.012 |
| 91-57-6 | 2-Methylnaphthalene | 2.50 | | 0.33 | 0.0093 |
| 95-48-7 | 2-Methylphenol | 2.76 | | 0.33 | 0.012 |
| 88-74-4 | 2-Nitroaniline | 2.68 | | 0.33 | 0.025 |
| 88-75-5 | 2-Nitrophenol | 2.77 | | 0.33 | 0.033 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 1.66 | | 0.13 | 0.050 |
| 99-09-2 | 3-Nitroaniline | 2.07 | | 0.33 | 0.079 |
| 534-52-1 | 4,6-Dinitro-2-methylphenol | 5.67 | | 0.27 | 0.14 |
| 101-55-3 | 4-Bromophenyl phenyl ether | 2.94 | | 0.33 | 0.013 |
| 59-50-7 | 4-Chloro-3-methylphenol | 2.71 | | 0.33 | 0.019 |
| 106-47-8 | 4-Chloroaniline | 1.45 | | 0.33 | 0.059 |
| 7005-72-3 | 4-Chlorophenyl phenyl ether | 2.82 | | 0.33 | 0.012 |
| 106-44-5 | 4-Methylphenol | 2.73 | | 0.33 | 0.021 |
| 100-01-6 | 4-Nitroaniline | 2.53 | | 0.33 | 0.038 |
| 100-02-7 | 4-Nitrophenol | 5.02 | | 0.67 | 0.054 |
| 83-32-9 | Acenaphthene | 2.83 | | 0.33 | 0.0094 |
| 208-96-8 | Acenaphthylene | 3.01 | | 0.33 | 0.0095 |
| 98-86-2 | Acetophenone | 2.62 | | 0.33 | 0.016 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020235/3-A

Matrix: Solid | Lab File ID: X62076.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 120-12-7 | Anthracene | 2.86 | | 0.33 | 0.010 |
| 1912-24-9 | Atrazine | 1.37 | | 0.13 | 0.019 |
| 100-52-7 | Benzaldehyde | 1.25 | | 0.33 | 0.055 |
| 56-55-3 | Benzo[a]anthracene | 2.89 | | 0.033 | 0.025 |
| 50-32-8 | Benzo[a]pyrene | 3.05 | | 0.033 | 0.0088 |
| 205-99-2 | Benzo[b]fluoranthene | 3.07 | | 0.033 | 0.0086 |
| 191-24-2 | Benzo[g,h,i]perylene | 3.24 | | 0.33 | 0.0098 |
| 207-08-9 | Benzo[k]fluoranthene | 2.84 | | 0.033 | 0.0065 |
| 111-91-1 | Bis(2-chloroethoxy)methane | 2.77 | | 0.33 | 0.026 |
| 111-44-4 | Bis(2-chloroethyl)ether | 2.71 | | 0.033 | 0.012 |
| 117-81-7 | Bis(2-ethylhexyl) phthalate | 2.88 | | 0.33 | 0.017 |
| 85-68-7 | Butyl benzyl phthalate | 2.89 | | 0.33 | 0.016 |
| 105-60-2 | Caprolactam | 1.36 | | 0.33 | 0.051 |
| 86-74-8 | Carbazole | 2.83 | | 0.33 | 0.013 |
| 218-01-9 | Chrysene | 2.79 | | 0.33 | 0.014 |
| 53-70-3 | Dibenz(a,h)anthracene | 3.00 | | 0.033 | 0.014 |
| 132-64-9 | Dibenzofuran | 2.80 | | 0.33 | 0.011 |
| 84-66-2 | Diethyl phthalate | 2.78 | | 0.33 | 0.011 |
| 131-11-3 | Dimethyl phthalate | 2.83 | | 0.33 | 0.075 |
| 84-74-2 | Di-n-butyl phthalate | 2.88 | | 0.33 | 0.012 |
| 117-84-0 | Di-n-octyl phthalate | 2.97 | | 0.33 | 0.018 |
| 206-44-0 | Fluoranthene | 2.81 | | 0.33 | 0.012 |
| 86-73-7 | Fluorene | 2.83 | | 0.33 | 0.0097 |
| 118-74-1 | Hexachlorobenzene | 2.96 | | 0.033 | 0.016 |
| 87-68-3 | Hexachlorobutadiene | 2.74 | | 0.067 | 0.0070 |
| 77-47-4 | Hexachlorocyclopentadiene | 3.81 | | 0.33 | 0.029 |
| 67-72-1 | Hexachloroethane | 2.72 | | 0.033 | 0.011 |
| 193-39-5 | Indeno[1,2,3-cd]pyrene | 3.06 | | 0.033 | 0.013 |
| 78-59-1 | Isophorone | 2.76 | | 0.13 | 0.096 |
| 91-20-3 | Naphthalene | 2.73 | | 0.33 | 0.0057 |
| 98-95-3 | Nitrobenzene | 2.81 | | 0.033 | 0.018 |

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020235/3-A

Matrix: Solid | Lab File ID: X62076.d

Analysis Method: 8270E | Date Collected:

Extract. Method: 3546 | Date Extracted: 02/07/2025 19:33

Sample wt/vol: 15.00(g) | Date Analyzed: 02/08/2025 15:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtxi-5Sil MS ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 1020312 | Units: mg/Kg

Preparation Batch No.: 1020235 | Instrument ID: CBNAMS5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 621-64-7 | N-Nitrosodi-n-propylamine | 2.85 | | 0.033 | 0.024 |
| 86-30-6 | N-Nitrosodiphenylamine | 2.85 | | 0.33 | 0.027 |
| 87-86-5 | Pentachlorophenol | 5.42 | | 0.27 | 0.068 |
| 85-01-8 | Phenanthrene | 2.83 | | 0.33 | 0.014 |
| 108-95-2 | Phenol | 2.71 | | 0.33 | 0.012 |
| 129-00-0 | Pyrene | 2.85 | | 0.33 | 0.0082 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 118-79-6 | 2,4,6-Tribromophenol (Surr) | 77 | | 24-137 |
| 321-60-8 | 2-Fluorobiphenyl | 73 | | 38-128 |
| 367-12-4 | 2-Fluorophenol (Surr) | 77 | | 31-133 |
| 4165-60-0 | Nitrobenzene-d5 (Surr) | 72 | | 31-120 |
| 4165-62-2 | Phenol-d5 (Surr) | 75 | | 35-132 |
| 1718-51-0 | Terphenyl-d14 (Surr) | 76 | | 44-147 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62076.d
Lims ID: LCSD 460-1020235/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Feb-2025 15:29:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:12:52 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 08-Feb-2025 15:53:38

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 1,4-Dioxane | 88 | 1.111 | 1.101 | 0.010 | 95 | 69803 | 50.0 | 34.6 | |
| 2 N-Nitrosodimethylamine | 74 | 1.261 | 1.254 | 0.007 | 91 | 118827 | 50.0 | 38.7 | |
| 3 Pyridine | 79 | 1.286 | 1.277 | 0.009 | 93 | 277907 | 100.0 | 57.3 | |
| $ 4 2-Fluorophenol | 112 | 2.065 | 2.055 | 0.010 | 95 | 185777 | 50.0 | 38.6 | |
| 5 Benzaldehyde | 77 | 2.693 | 2.690 | 0.003 | 93 | 80758 | 20.0 | 18.8 | E |
| $ 6 Phenol-d5 | 99 | 2.770 | 2.767 | 0.003 | 98 | 234496 | 50.0 | 37.4 | |
| 7 Phenol | 94 | 2.783 | 2.780 | 0.003 | 85 | 271909 | 50.0 | 40.6 | |
| 8 Aniline | 93 | 2.783 | 2.780 | 0.003 | 79 | 293343 | 50.0 | 43.1 | |
| 9 Bis(2-chloroethyl)ether | 93 | 2.834 | 2.831 | 0.003 | 93 | 202752 | 50.0 | 40.6 | |
| 11 2-Chlorophenol | 128 | 2.882 | 2.876 | 0.006 | 92 | 214722 | 50.0 | 41.1 | |
| 12 n-Decane | 43 | 2.923 | 2.920 | 0.003 | 91 | 215335 | 50.0 | 37.7 | |
| 13 1,3-Dichlorobenzene | 146 | 3.000 | 2.997 | 0.003 | 96 | 230235 | 50.0 | 39.7 | |
| * 14 1,4-Dichlorobenzene-d4 | 152 | 3.045 | 3.042 | 0.003 | 95 | 155985 | 40.0 | 40.0 | |
| 15 1,4-Dichlorobenzene | 146 | 3.061 | 3.055 | 0.006 | 86 | 234120 | 50.0 | 40.4 | |
| 16 Benzyl alcohol | 108 | 3.179 | 3.176 | 0.003 | 91 | 133699 | 50.0 | 40.1 | |
| 17 1,2-Dichlorobenzene | 146 | 3.189 | 3.186 | 0.002 | 95 | 222974 | 50.0 | 40.0 | |
| 19 2,2'-oxybis[1-chloropropane] | 45 | 3.284 | 3.278 | 0.006 | 84 | 285073 | 50.0 | 39.7 | |
| 18 2-Methylphenol | 108 | 3.284 | 3.281 | 0.003 | 69 | 183365 | 50.0 | 41.4 | |
| 20 N-Methylaniline | 106 | 3.390 | 3.387 | 0.003 | 95 | 317317 | 50.0 | 41.0 | a |
| 21 Acetophenone | 105 | 3.399 | 3.400 | -0.001 | 83 | 283970 | 50.0 | 39.4 | |
| 22 N-Nitrosodi-n-propylamine | 70 | 3.406 | 3.406 | 0.000 | 81 | 143339 | 50.0 | 42.8 | |
| 24 4-Methylphenol | 108 | 3.425 | 3.422 | 0.003 | 47 | 197687 | 50.0 | 41.0 | a |
| 23 3 & 4 Methylphenol | 108 | 3.425 | 3.422 | 0.003 | 53 | 197687 | 50.0 | 41.0 | |
| 25 Hexachloroethane | 117 | 3.476 | 3.473 | 0.003 | 92 | 89288 | 50.0 | 40.7 | |
| $ 26 Nitrobenzene-d5 | 82 | 3.530 | 3.527 | 0.003 | 86 | 204510 | 50.0 | 36.0 | |
| 28 Nitrobenzene | 123 | 3.550 | 3.547 | 0.003 | 87 | 102864 | 50.0 | 42.2 | |
| 27 n,n'-Dimethylaniline | 120 | 3.550 | 3.547 | 0.003 | 86 | 323316 | 50.0 | 41.7 | |
| 31 Isophorone | 82 | 3.767 | 3.770 | -0.003 | 97 | 398207 | 50.0 | 41.4 | |
| 32 2-Nitrophenol | 139 | 3.831 | 3.828 | 0.003 | 96 | 116267 | 50.0 | 41.6 | |
| 33 2,4-Dimethylphenol | 122 | 3.891 | 3.888 | 0.003 | 91 | 187020 | 50.0 | 50.0 | |
| 34 Bis(2-chloroethoxy)methane | 93 | 3.962 | 3.959 | 0.003 | 99 | 255177 | 50.0 | 41.5 | |
| 35 Benzoic acid | 122 | 4.048 | 4.051 | -0.003 | 42 | 131587 | 50.0 | 44.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 36 2,4-Dichlorophenol | 162 | 4.051 | 4.051 | 0.000 | 96 | 175669 | 50.0 | 41.9 | |
| 37 1,2,4-Trichlorobenzene | 180 | 4.115 | 4.112 | 0.003 | 91 | 196183 | 50.0 | 40.1 | |
| * 38 Naphthalene-d8 | 136 | 4.160 | 4.157 | 0.003 | 99 | 591606 | 40.0 | 40.0 | |
| 39 Naphthalene | 128 | 4.179 | 4.176 | 0.003 | 98 | 611989 | 50.0 | 40.9 | |
| 40 4-Chloroaniline | 127 | 4.243 | 4.240 | 0.003 | 70 | 126899 | 50.0 | 21.7 | |
| 130 2,6-Dichlorophenol | 162 | 4.246 | 4.243 | 0.003 | 96 | 173015 | 50.0 | 42.0 | |
| 41 Hexachlorobutadiene | 225 | 4.297 | 4.294 | 0.003 | 96 | 121902 | 50.0 | 41.1 | |
| 42 Caprolactam | 55 | 4.578 | 4.578 | -0.087 | 90 | 45685 | 20.0 | 20.3 | M |
| 43 4-Chloro-3-methylphenol | 107 | 4.703 | 4.697 | 0.006 | 92 | 167703 | 50.0 | 40.6 | |
| 44 2-Methylnaphthalene | 142 | 4.792 | 4.793 | 0.000 | 82 | 374116 | 50.0 | 37.5 | |
| 45 1-Methylnaphthalene | 142 | 4.879 | 4.876 | 0.003 | 84 | 384534 | 50.0 | 42.4 | |
| 46 Hexachlorocyclopentadiene | 237 | 4.939 | 4.936 | 0.003 | 87 | 142456 | 50.0 | 57.2 | |
| 47 1,2,4,5-Tetrachlorobenzene | 216 | 4.949 | 4.946 | 0.003 | 98 | 202806 | 50.0 | 41.9 | |
| 48 2-tertbutyl-4-methylphenol | 149 | 4.997 | 4.997 | 0.000 | 90 | 253120 | 50.0 | 42.3 | |
| 49 2,4,6-Trichlorophenol | 196 | 5.058 | 5.058 | 0.000 | 91 | 130206 | 50.0 | 43.2 | |
| 50 2,4,5-Trichlorophenol | 196 | 5.099 | 5.093 | 0.006 | 97 | 139807 | 50.0 | 42.3 | |
| $ 51 2-Fluorobiphenyl | 172 | 5.125 | 5.122 | 0.003 | 90 | 416808 | 50.0 | 36.6 | |
| 52 1,1'-Biphenyl | 154 | 5.208 | 5.208 | 0.000 | 96 | 495801 | 50.0 | 42.3 | |
| 53 2-Chloronaphthalene | 162 | 5.221 | 5.221 | 0.000 | 96 | 387048 | 50.0 | 42.6 | |
| 54 Phenyl ether | 170 | 5.301 | 5.301 | 0.000 | 82 | 262580 | 50.0 | 39.7 | |
| 56 2-Nitroaniline | 65 | 5.330 | 5.327 | 0.003 | 87 | 108387 | 50.0 | 40.3 | |
| 57 1,3-Dimethylnaphthalene | 156 | 5.416 | 5.416 | 0.000 | 91 | 301429 | 50.0 | 40.5 | |
| 58 Dimethyl phthalate | 163 | 5.496 | 5.493 | 0.003 | 99 | 432758 | 50.0 | 42.5 | |
| 59 Coumarin | 146 | 5.509 | 5.509 | 0.000 | 81 | 141766 | 50.0 | 40.8 | |
| 60 2,6-Dinitrotoluene | 165 | 5.547 | 5.547 | 0.000 | 71 | 96255 | 50.0 | 43.1 | |
| 61 Acenaphthylene | 152 | 5.582 | 5.579 | 0.003 | 93 | 615727 | 50.0 | 45.2 | |
| 64 3-Nitroaniline | 138 | 5.697 | 5.698 | -0.001 | 92 | 78760 | 50.0 | 31.1 | |
| * 65 Acenaphthene-d10 | 164 | 5.707 | 5.704 | 0.003 | 96 | 303119 | 40.0 | 40.0 | |
| 67 Acenaphthene | 154 | 5.736 | 5.733 | 0.003 | 94 | 350537 | 50.0 | 42.4 | |
| 66 3,5-di-tert-butyl-4-hydroxytol | 205 | 5.745 | 5.742 | 0.003 | 94 | 321418 | 50.0 | 47.8 | |
| 68 2,4-Dinitrophenol | 184 | 5.800 | 5.797 | 0.003 | 96 | 107628 | 100.0 | 71.6 | |
| 69 4-Nitrophenol | 65 | 5.886 | 5.887 | 0.000 | 57 | 139029 | 100.0 | 75.3 | |
| 71 Dibenzofuran | 168 | 5.889 | 5.887 | 0.003 | 86 | 536193 | 50.0 | 42.0 | |
| 70 2,4-Dinitrotoluene | 165 | 5.909 | 5.906 | 0.003 | 81 | 132185 | 50.0 | 44.0 | |
| 72 2,3,4,6-Tetrachlorophenol | 232 | 6.014 | 6.011 | 0.003 | 95 | 110847 | 50.0 | 40.6 | |
| 73 Diethyl phthalate | 149 | 6.116 | 6.117 | -0.001 | 98 | 421645 | 50.0 | 41.7 | |
| 75 Fluorene | 166 | 6.190 | 6.187 | 0.003 | 82 | 426222 | 50.0 | 42.4 | |
| 74 4-Chlorophenyl phenyl ether | 204 | 6.196 | 6.194 | 0.002 | 86 | 212714 | 50.0 | 42.3 | |
| 76 4-Nitroaniline | 138 | 6.244 | 6.245 | -0.001 | 90 | 92072 | 50.0 | 38.0 | |
| 77 4,6-Dinitro-2-methylphenol | 198 | 6.273 | 6.274 | -0.001 | 84 | 157252 | 100.0 | 85.1 | |
| 78 N-Nitrosodiphenylamine | 169 | 6.305 | 6.306 | -0.001 | 94 | 307256 | 50.0 | 42.8 | |
| 79 1,2-Diphenylhydrazine | 77 | 6.334 | 6.334 | 0.000 | 96 | 410195 | 50.0 | 40.7 | |
| 131 Azobenzene | 77 | 6.334 | 6.334 | 0.000 | 0 | 410091 | 50.0 | 40.6 | |
| $ 80 2,4,6-Tribromophenol | 330 | 6.404 | 6.402 | 0.002 | 88 | 94278 | 50.0 | 38.4 | |
| 81 4-Bromophenyl phenyl ether | 248 | 6.622 | 6.619 | 0.003 | 95 | 142258 | 50.0 | 44.1 | |
| 83 Hexachlorobenzene | 284 | 6.682 | 6.680 | 0.002 | 91 | 181287 | 50.0 | 44.4 | |
| 84 Atrazine | 200 | 6.791 | 6.789 | 0.003 | 92 | 55822 | 20.0 | 20.5 | |
| 85 Pentachlorophenol | 266 | 6.865 | 6.862 | 0.003 | 90 | 195754 | 100.0 | 81.3 | |
| 86 Pentachloronitrobenzene | 237 | 6.871 | 6.865 | 0.006 | 71 | 55931 | 50.0 | 40.4 | |
| 87 n-Octadecane | 57 | 6.948 | 6.945 | 0.003 | 91 | 290397 | 50.0 | 42.0 | |
| * 88 Phenanthrene-d10 | 188 | 7.009 | 7.006 | 0.003 | 98 | 575814 | 40.0 | 40.0 | |
| 89 Phenanthrene | 178 | 7.031 | 7.029 | 0.002 | 97 | 608726 | 50.0 | 42.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ug/ml | OnCol Amt ug/ml | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Anthracene | 178 | 7.076 | 7.073 | 0.003 | 97 | 633755 | 50.0 | 42.8 | |
| 91 Carbazole | 167 | 7.226 | 7.224 | 0.002 | 82 | 564119 | 50.0 | 42.4 | |
| 92 Di-n-butyl phthalate | 149 | 7.549 | 7.546 | 0.003 | 99 | 714860 | 50.0 | 43.2 | |
| 93 Fluoranthene | 202 | 8.076 | 8.070 | 0.006 | 97 | 684026 | 50.0 | 42.1 | |
| 94 Benzidine | 184 | 8.206 | 8.201 | 0.005 | 99 | 267162 | 50.0 | 46.8 | |
| 95 Pyrene | 202 | 8.270 | 8.268 | 0.002 | 95 | 701534 | 50.0 | 42.8 | |
| 82 Bisphenol-A | 213 | 8.344 | 8.336 | 0.008 | 98 | 152865 | 25.0 | 21.6 | |
| $ 96 Terphenyl-d14 | 244 | 8.421 | 8.416 | 0.005 | 98 | 558981 | 50.0 | 37.8 | |
| 97 Butyl benzyl phthalate | 149 | 8.868 | 8.863 | 0.005 | 96 | 308843 | 50.0 | 43.3 | |
| 99 Carbamazepine | 193 | 8.964 | 8.959 | 0.005 | 92 | 273064 | 50.0 | 44.5 | |
| 100 3,3'-Dichlorobenzidine | 252 | 9.357 | 9.355 | 0.002 | 98 | 157847 | 50.0 | 24.9 | |
| 101 Benzo[a]anthracene | 228 | 9.373 | 9.368 | 0.005 | 99 | 706481 | 50.0 | 43.4 | |
| * 102 Chrysene-d12 | 240 | 9.385 | 9.378 | 0.007 | 98 | 497168 | 40.0 | 40.0 | |
| 103 Chrysene | 228 | 9.408 | 9.403 | 0.005 | 95 | 660528 | 50.0 | 41.8 | |
| 104 Bis(2-ethylhexyl) phthalate | 149 | 9.427 | 9.422 | 0.005 | 84 | 446130 | 50.0 | 43.2 | |
| 105 Di-n-octyl phthalate | 149 | 10.076 | 10.071 | 0.005 | 96 | 765802 | 50.0 | 44.6 | |
| 106 Benzo[b]fluoranthene | 252 | 10.449 | 10.445 | 0.004 | 97 | 737364 | 50.0 | 46.1 | |
| 107 Benzo[k]fluoranthene | 252 | 10.475 | 10.473 | 0.002 | 95 | 730874 | 50.0 | 42.7 | |
| 108 Benzo[a]pyrene | 252 | 10.772 | 10.767 | 0.005 | 96 | 672178 | 50.0 | 45.8 | |
| * 109 Perylene-d12 | 264 | 10.830 | 10.822 | 0.008 | 99 | 579713 | 40.0 | 40.0 | |
| 110 Indeno[1,2,3-cd]pyrene | 276 | 11.948 | 11.943 | 0.005 | 94 | 892776 | 50.0 | 45.9 | |
| 111 Dibenz(a,h)anthracene | 278 | 11.964 | 11.959 | 0.005 | 93 | 724084 | 50.0 | 45.0 | |
| 112 Benzo[g,h,i]perylene | 276 | 12.254 | 12.250 | 0.004 | 93 | 711698 | 50.0 | 48.6 | |

## QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

Review Flags

M - Manually Integrated

a - User Assigned ID

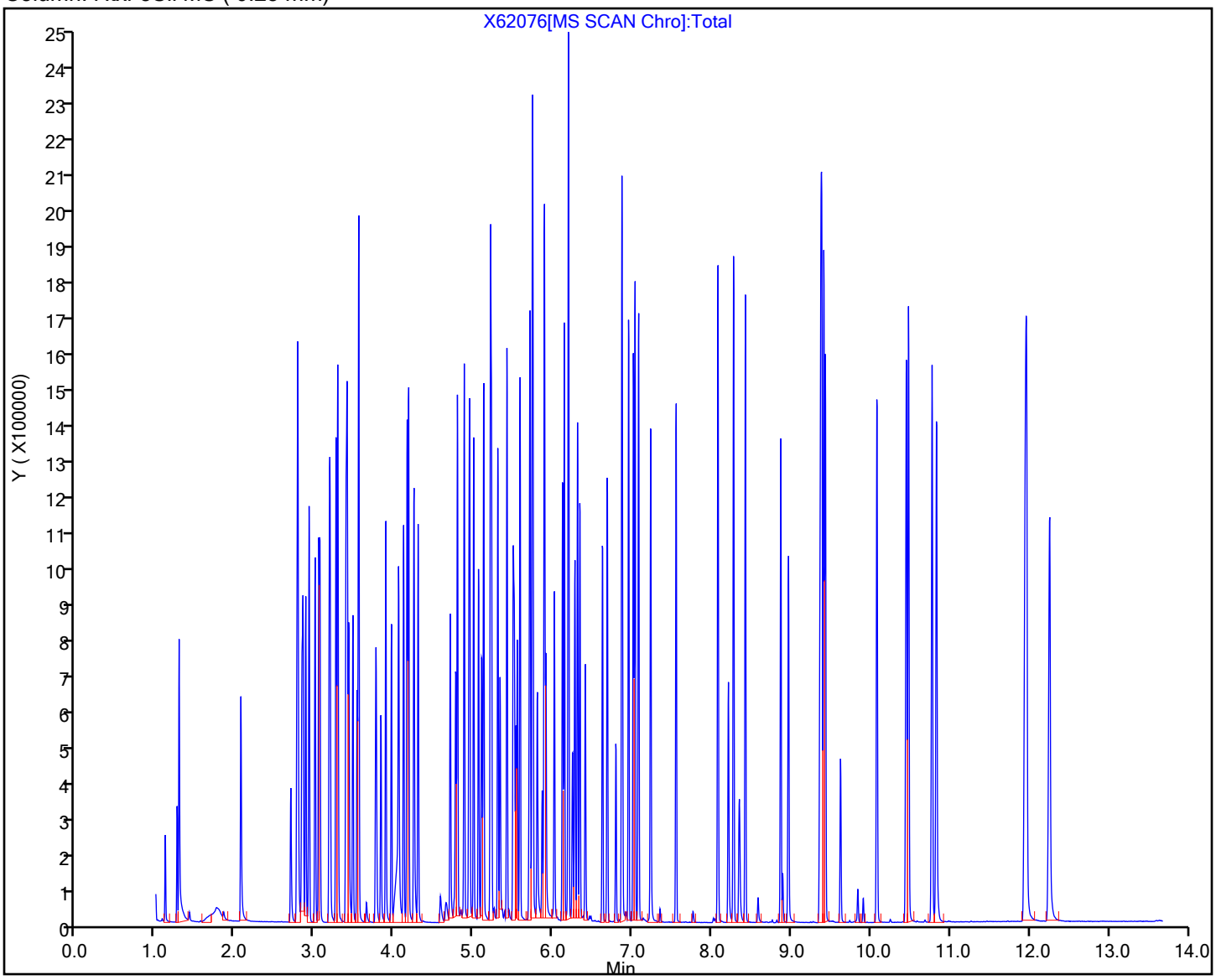
## Reagents:

SM_ISTD_00197 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 09-Feb-2025 13:12:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62076.d
Injection Date: 08-Feb-2025 15:29:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-1020235/3-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62076.d
Lims ID: LCSD 460-1020235/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 08-Feb-2025 15:29:30 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186684-005
Operator ID: Instrument ID: CBNAMS5

Method: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\8270_5R.m
Limit Group: SV 8270E ICAL
Last Update: 09-Feb-2025 13:12:52 Calib Date: 04-Feb-2025 08:34:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAMS5\20250204-186501.b\X61923.d

Column 1 : Rtxi-5Sil MS ( 0.25 mm) Det: MS SCAN
Process Host: CTX1705

First Level Reviewer: U6BX Date: 08-Feb-2025 15:53:38

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 2-Fluorophenol | 50.0 | 38.6 | 77.14 |
| $ 6 Phenol-d5 | 50.0 | 37.4 | 74.84 |
| $ 26 Nitrobenzene-d5 | 50.0 | 36.0 | 72.00 |
| $ 51 2-Fluorobiphenyl | 50.0 | 36.6 | 73.24 |
| $ 80 2,4,6-Tribromophenol | 50.0 | 38.4 | 76.83 |
| $ 96 Terphenyl-d14 | 50.0 | 37.8 | 75.66 |

Manual Integration/User Assign Peak Report

Eurofins Edison

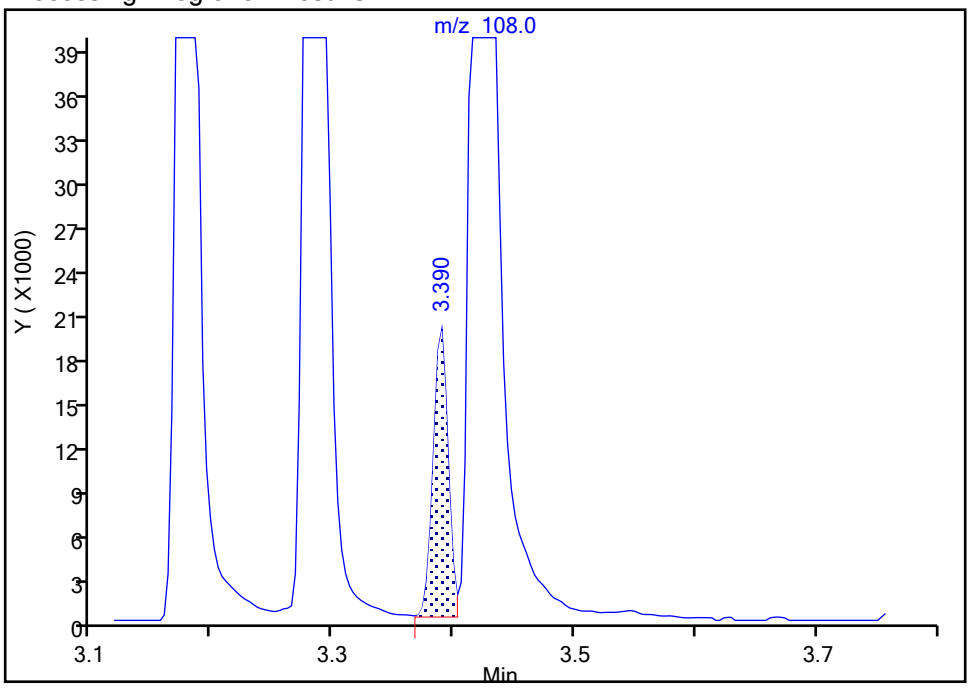
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62076.d
Injection Date: 08-Feb-2025 15:29:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-1020235/3-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 24 4-Methylphenol, CAS: 106-44-5

Signal: 1

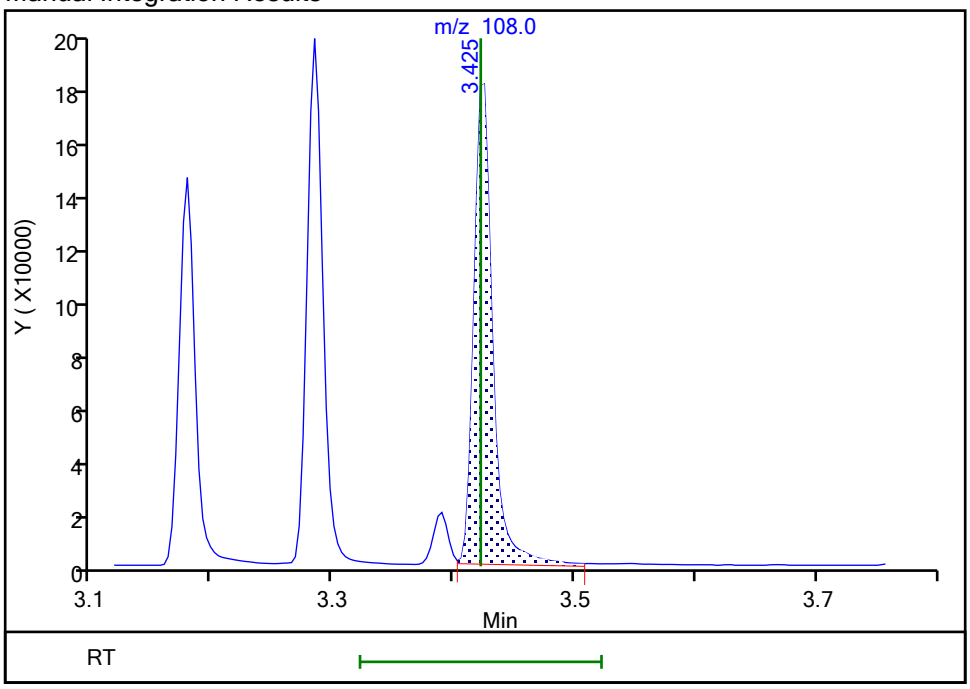
Processing Integration Results

RT: 3.39
Area: 17184
Amount: 3.560720
Amount Units: ug/ml




Manual Integration Results

RT: 3.42
Area: 197687
Amount: 40.962987
Amount Units: ug/ml




Reviewer: U6BX, 08-Feb-2025 15:53:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Edison

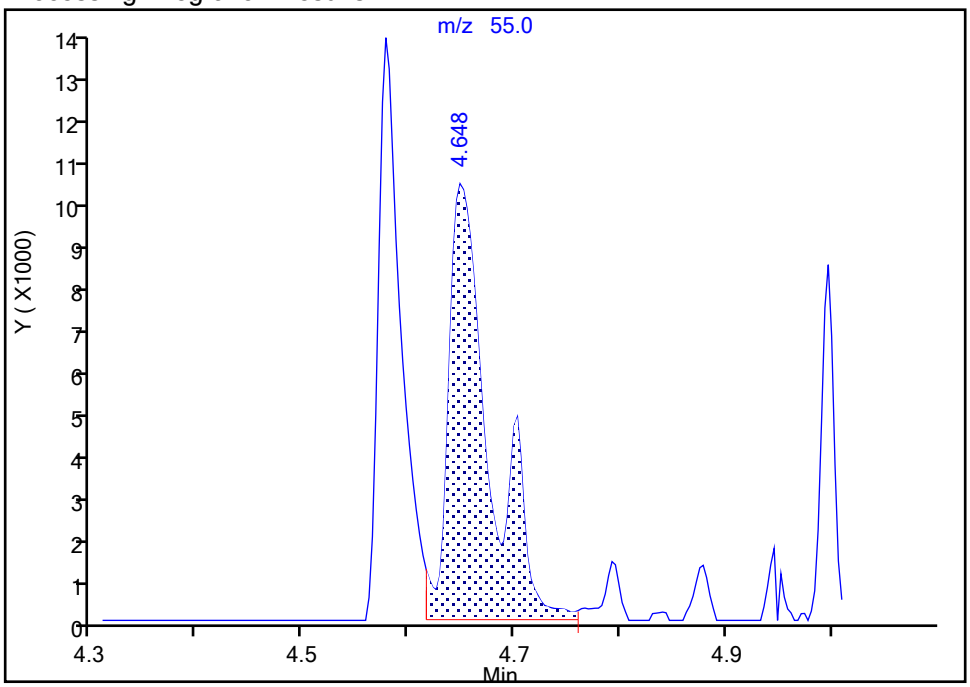
Data File: \\chromfs\Edison\ChromData\CBNAMS5\20250208-186684.b\X62076.d
Injection Date: 08-Feb-2025 15:29:30 Instrument ID: CBNAMS5
Lims ID: LCSD 460-1020235/3-A
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8270_5R Limit Group: SV 8270E ICAL
Column: Rtxi-5Sil MS ( 0.25 mm) Detector MS SCAN

## 42 Caprolactam, CAS: 105-60-2

Signal: 1

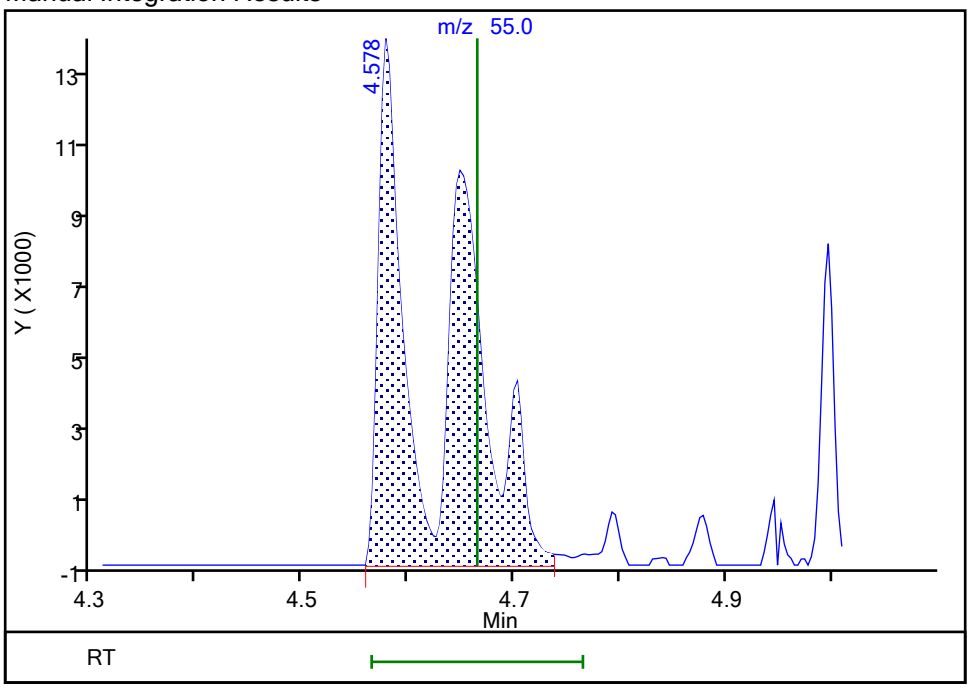
Processing Integration Results

RT: 4.65
Area: 26399
Amount: 11.746599
Amount Units: ug/ml




Manual Integration Results

RT: 4.58
Area: 45685
Amount: 20.328170
Amount Units: ug/ml




Reviewer: G4KC, 09-Feb-2025 13:12:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CBNAMS14 Start Date: 01/29/2025 06:40

Analysis Batch Number: 1018504 End Date: 01/29/2025 14:14

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| DFTPP 460-1018504/1 | | 01/29/2025 06:40 | 1 | N56118.d | Rtxi-5Sil MS 0.25(mm) |
| ICIS 460-1018504/2 | | 01/29/2025 07:32 | 1 | N56121.d | Rtxi-5Sil MS 0.25(mm) |
| STD24 460-1018504/3 IC | | 01/29/2025 08:14 | 1 | N56123.d | Rtxi-5Sil MS 0.25(mm) |
| STD16 460-1018504/4 IC | | 01/29/2025 08:56 | 1 | N56125.d | Rtxi-5Sil MS 0.25(mm) |
| STD4 460-1018504/5 IC | | 01/29/2025 09:39 | 1 | N56127.d | Rtxi-5Sil MS 0.25(mm) |
| STD2 460-1018504/6 IC | | 01/29/2025 10:21 | 1 | N56129.d | Rtxi-5Sil MS 0.25(mm) |
| STD1 460-1018504/7 IC | | 01/29/2025 11:03 | 1 | N56131.d | Rtxi-5Sil MS 0.25(mm) |
| STD04 460-1018504/8 IC | | 01/29/2025 11:46 | 1 | N56133.d | Rtxi-5Sil MS 0.25(mm) |
| STD02 460-1018504/9 IC | | 01/29/2025 12:28 | 1 | N56135.d | Rtxi-5Sil MS 0.25(mm) |
| STD01 460-1018504/10 IC | | 01/29/2025 13:11 | 1 | N56137.d | Rtxi-5Sil MS 0.25(mm) |
| ICV 460-1018504/11 | | 01/29/2025 14:14 | 1 | N56140.d | Rtxi-5Sil MS 0.25(mm) |

# GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: CBNAMS14  Start Date: 02/07/2025 11:23

Analysis Batch Number: 1020114  End Date: 02/07/2025 20:33

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020114/2 | | 02/07/2025 11:23 | 1 | N56271.d | Rtxi-5Sil MS 0.25(mm) |
| LCS 460-1020073/2-A | | 02/07/2025 12:05 | 1 | N56273.d | Rtxi-5Sil MS 0.25(mm) |
| LCSD 460-1020073/3-A | | 02/07/2025 12:47 | 1 | N56275.d | Rtxi-5Sil MS 0.25(mm) |
| MB 460-1020073/1-A | | 02/07/2025 13:08 | 1 | N56276.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 13:29 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 13:51 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 14:12 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 14:33 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 14:54 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:15 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:37 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:58 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:19 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:40 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:01 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-7 | FB_02052025 | 02/07/2025 17:22 | 1 | N56288.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:43 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:04 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:26 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:08 | 5 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:29 | 5 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 20:12 | 10 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/07/2025 20:33 | 10 | | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 02/04/2025 05:47

Analysis Batch Number: 1019460 End Date: 02/04/2025 19:07

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| DFTPP 460-1019460/1 | | 02/04/2025 05:47 | 1 | X61914.d | Rtxi-5Sil MS 0.25(mm) |
| ICIS 460-1019460/2 | | 02/04/2025 06:01 | 1 | X61915.d | Rtxi-5Sil MS 0.25(mm) |
| STD120 460-1019460/3 IC | | 02/04/2025 06:20 | 1 | X61916.d | Rtxi-5Sil MS 0.25(mm) |
| STD80 460-1019460/4 IC | | 02/04/2025 06:39 | 1 | X61917.d | Rtxi-5Sil MS 0.25(mm) |
| STD20 460-1019460/5 IC | | 02/04/2025 06:58 | 1 | X61918.d | Rtxi-5Sil MS 0.25(mm) |
| STD10 460-1019460/6 IC | | 02/04/2025 07:17 | 1 | X61919.d | Rtxi-5Sil MS 0.25(mm) |
| STD5 460-1019460/7 IC | | 02/04/2025 07:37 | 1 | X61920.d | Rtxi-5Sil MS 0.25(mm) |
| STD2 460-1019460/8 IC | | 02/04/2025 07:56 | 1 | X61921.d | Rtxi-5Sil MS 0.25(mm) |
| STD1 460-1019460/9 IC | | 02/04/2025 08:15 | 1 | X61922.d | Rtxi-5Sil MS 0.25(mm) |
| STD05 460-1019460/10 IC | | 02/04/2025 08:34 | 1 | X61923.d | Rtxi-5Sil MS 0.25(mm) |
| ICV 460-1019460/11 | | 02/04/2025 08:54 | 1 | X61924.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/04/2025 09:13 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/04/2025 09:31 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/04/2025 09:50 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 10:10 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 10:29 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 10:48 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 11:07 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 11:27 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 11:45 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 12:45 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 13:04 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 13:23 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 13:42 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/04/2025 14:01 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/04/2025 14:20 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 14:40 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 14:59 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 15:17 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 15:37 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 15:56 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 16:33 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 16:53 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 17:12 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 17:31 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 17:50 | 20 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 18:09 | 10 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 18:29 | 20 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 18:48 | 10 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/04/2025 19:07 | 20 | | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 02/08/2025 14:20

Analysis Batch Number: 1020312 End Date: 02/08/2025 22:31

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020312/2 | | 02/08/2025 14:20 | 1 | X62073.d | Rtxi-5Sil MS 0.25(mm) |
| LCS 460-1020235/2-A | | 02/08/2025 15:09 | 1 | X62075.d | Rtxi-5Sil MS 0.25(mm) |
| LCSD 460-1020235/3-A | | 02/08/2025 15:29 | 1 | X62076.d | Rtxi-5Sil MS 0.25(mm) |
| MB 460-1020235/1-A | | 02/08/2025 15:48 | 1 | X62077.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 16:07 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 16:26 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 16:45 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 17:05 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 17:24 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 17:43 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 18:02 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 18:21 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 18:40 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-3 | RX-20-01_0-2 | 02/08/2025 18:59 | 1 | X62087.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 19:18 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 19:37 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/08/2025 19:56 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/08/2025 20:15 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 20:35 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-4 | RX-22-01_0-2 | 02/08/2025 20:54 | 1 | X62093.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 21:13 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/08/2025 21:33 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/08/2025 21:52 | 1 | X62096.d | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/08/2025 22:12 | 1 | X62097.d | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/08/2025 22:31 | 5 | X62098.d | Rtxi-5Sil MS 0.25(mm) |

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CBNAMS5 Start Date: 02/10/2025 10:15

Analysis Batch Number: 1020469 End Date: 02/10/2025 20:07

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| CCVIS 460-1020469/2 | | 02/10/2025 10:15 | 1 | X62103.d | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 10:53 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 11:31 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 12:28 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 13:44 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 14:22 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 14:41 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 15:01 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 15:20 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 15:58 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (QC) | | 02/10/2025 16:17 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 16:36 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 16:55 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 17:53 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 18:12 | 1 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 18:31 | 5 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 19:09 | 2 | | Rtxi-5Sil MS 0.25(mm) |
| ZZZZZ (Client) | | 02/10/2025 19:47 | 5 | | Rtxi-5Sil MS 0.25(mm) |
| 460-319954-6 | DUP_02052025 | 02/10/2025 20:07 | 1 | X62134.d | Rtxi-5Sil MS 0.25(mm) |

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1018504  Batch Start Date: 01/29/25 06:40  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SMDFTP_CH 00036 | SV_BNAL1_LVI 00006 | SV_BNAL2_LVI 00006 | SV_BNAL3_LVI 00008 | SV_BNAL4_LVI 00008 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1018504/1 | | 8270E | | | 1 mL | 1 mL | | | | |
| ICIS 460-1018504/2 | | 8270E | | | 1 mL | | | | | |
| STD24 460-1018504/3 IC | | 8270E | | | 1 mL | | | | | |
| STD16 460-1018504/4 IC | | 8270E | | | 1 mL | | | | | |
| STD4 460-1018504/5 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1018504/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1018504/7 IC | | 8270E | | | 1 mL | | | | | 1 mL |
| STD04 460-1018504/8 IC | | 8270E | | | 1 mL | | | | 1 mL | |
| STD02 460-1018504/9 IC | | 8270E | | | 1 mL | | | 1 mL | | |
| STD01 460-1018504/10 IC | | 8270E | | | 1 mL | | 1 mL | | | |
| ICV 460-1018504/11 | | 8270E | | | 1 mL | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL5_LVI 00008 | SV_BNAL6_LVI 00009 | SV_BNAL7_LVI 00009 | SV_BNAL8_LVI 00008 | SV_BNAL9_LVI 00007 | SV_ICV_ LVI 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1018504/1 | | 8270E | | | | | | | | |
| ICIS 460-1018504/2 | | 8270E | | | | | 1 mL | | | |
| STD24 460-1018504/3 IC | | 8270E | | | | | | | 1 mL | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1018504  Batch Start Date: 01/29/25 06:40  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNAL5_LVI 00008 | SV_BNAL6_LVI 00009 | SV_BNAL7_LVI 00009 | SV_BNAL8_LVI 00008 | SV_BNAL9_LVI 00007 | SV_ICV_ LVI 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD16 460-1018504/4 IC | | 8270E | | | | | | 1 mL | | |
| STD4 460-1018504/5 IC | | 8270E | | | | 1 mL | | | | |
| STD2 460-1018504/6 IC | | 8270E | | | 1 mL | | | | | |
| STD1 460-1018504/7 IC | | 8270E | | | | | | | | |
| STD04 460-1018504/8 IC | | 8270E | | | | | | | | |
| STD02 460-1018504/9 IC | | 8270E | | | | | | | | |
| STD01 460-1018504/10 IC | | 8270E | | | | | | | | |
| ICV 460-1018504/11 | | 8270E | | | | | | | | 1 mL |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019460  Batch Start Date: 02/04/25 05:47  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SMDFTP_CH 00037 | SV_BNA_ICV 00012 | SV_BNA_L1 00006 | SV_BNA_L2 00006 | SV_BNA_L3 00006 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1019460/1 | | 8270E | | | 1 mL | 1 mL | | | | |
| ICIS 460-1019460/2 | | 8270E | | | 1 mL | | | | | |
| STD120 460-1019460/3 IC | | 8270E | | | 1 mL | | | | | |
| STD80 460-1019460/4 IC | | 8270E | | | 1 mL | | | | | |
| STD20 460-1019460/5 IC | | 8270E | | | 1 mL | | | | | |
| STD10 460-1019460/6 IC | | 8270E | | | 1 mL | | | | | |
| STD5 460-1019460/7 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1019460/8 IC | | 8270E | | | 1 mL | | | | | 1 mL |
| STD1 460-1019460/9 IC | | 8270E | | | 1 mL | | | | 1 mL | |
| STD05 460-1019460/10 IC | | 8270E | | | 1 mL | | | 1 mL | | |
| ICV 460-1019460/11 | | 8270E | | | 1 mL | | 1 mL | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNA_L4 00006 | SV_BNA_L5 00006 | SV_BNA_L6 00006 | SV_BNA_L7 00007 | SV_BNA_L8 00006 | SV_BNA_L9 00006 |
|---|---|---|---|---|---|---|---|---|---|---|
| DFTPP 460-1019460/1 | | 8270E | | | | | | | | |
| ICIS 460-1019460/2 | | 8270E | | | | | | 1 mL | | |
| STD120 460-1019460/3 IC | | 8270E | | | | | | | | 1 mL |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019460  Batch Start Date: 02/04/25 05:47  Batch Analyst: Johnston, Mark D

Batch Method: 8270E  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SV_BNA_L4 00006 | SV_BNA_L5 00006 | SV_BNA_L6 00006 | SV_BNA_L7 00007 | SV_BNA_L8 00006 | SV_BNA_L9 00006 |
|---|---|---|---|---|---|---|---|---|---|---|
| STD80 460-1019460/4 IC | | 8270E | | | | | | | 1 mL | |
| STD20 460-1019460/5 IC | | 8270E | | | | | 1 mL | | | |
| STD10 460-1019460/6 IC | | 8270E | | | | 1 mL | | | | |
| STD5 460-1019460/7 IC | | 8270E | | | 1 mL | | | | | |
| STD2 460-1019460/8 IC | | 8270E | | | | | | | | |
| STD1 460-1019460/9 IC | | 8270E | | | | | | | | |
| STD05 460-1019460/10 IC | | 8270E | | | | | | | | |
| ICV 460-1019460/11 | | 8270E | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020073  Batch Start Date: 02/07/25 06:22  Batch Analyst: Belhadjel, Arezki X

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | FirstAdjustpH | SecondAdjustpH | OP_Benzald_sp 00023 |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020073/1 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | |
| LCS 460-1020073/2 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |
| LCSD 460-1020073/3 | | 3510C, 8270E | | | 250 mL | 2 mL | 7 SU | <2 SU | >12 SU | 5 uL |
| 460-319954-J-7 | FB_02052025 | 3510C, 8270E | Water | T | 250 mL | 2 mL | 5 SU | <2 SU | >12 SU | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020073/1 | | 3510C, 8270E | | | | 200 uL | | | | |
| LCS 460-1020073/2 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| LCSD 460-1020073/3 | | 3510C, 8270E | | | 200 uL | 200 uL | | | | |
| 460-319954-J-7 | FB_02052025 | 3510C, 8270E | Water | T | | 200 uL | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020073  Batch Start Date: 02/07/25 06:22  Batch Analyst: Belhadjel, Arezki X

Batch Method: 3510C  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8270E |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: 10BDH1341 |
| Analyst ID - Extraction | AB |
| Analyst ID - Spike Analyst | AB |
| Analyst ID - Spike Witness Analyst | BP |
| Sufficient Volume for Batch QC | Yes |
| Acid Used for pH Adjustment ID | Fisher: 242206 |
| Base Used to Adjust pH ID | VWR: 24H1456377 |
| Prep Solvent ID | JT Baker Dichloromethane: 3062003 |
| Prep Solvent Volume Used | 40ml mL |
| Na2SO4 ID | Fisher: 232415 |
| Analyst ID - Concentration | AB |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | BNA Water |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020235  Batch Start Date: 02/07/25 19:33  Batch Analyst: Yallabandi, Gopichand X

Batch Method: 3546  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | OP_Benzald_sp 00023 | OP_BNA SPIK 00055 | OP_BNASurroga 00031 | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020235/1 | | 3546, 8270E | | | 15.00 g | 1 mL | | | 500 uL | |
| LCS 460-1020235/2 | | 3546, 8270E | | | 15.00 g | 1 mL | 10 uL | 500 uL | 500 uL | |
| LCSD 460-1020235/3 | | 3546, 8270E | | | 15.00 g | 1 mL | 10 uL | 500 uL | 500 uL | |
| 460-319954-E-1 | RX-21-01_0-2 | 3546, 8270E | Solid | T | 15.02 g | 1 mL | | | 500 uL | |
| 460-319954-E-2 | RX-18-01_0-2 | 3546, 8270E | Solid | T | 15.08 g | 1 mL | | | 500 uL | |
| 460-319954-E-3 | RX-20-01_0-2 | 3546, 8270E | Solid | T | 15.07 g | 1 mL | | | 500 uL | |
| 460-319954-E-4 | RX-22-01_0-2 | 3546, 8270E | Solid | T | 15.05 g | 1 mL | | | 500 uL | |
| 460-319954-E-5 | RX-19-01_0-2 | 3546, 8270E | Solid | T | 15.07 g | 1 mL | | | 500 uL | |
| 460-319954-E-6 | DUP_02052025 | 3546, 8270E | Solid | T | 15.04 g | 1 mL | | | 500 uL | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020235  Batch Start Date: 02/07/25 19:33  Batch Analyst: Yallabandi, Gopichand X

Batch Method: 3546  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3546 / 8270E |
| Balance ID | 13 |
| Balance is Level? (Y/N) | yes |
| Microwave Oven ID | CEM ID # MD-4965 |
| Analyst ID - Extraction | gy |
| Blank Matrix ID | Fisher Sand: 181427 |
| Analyst ID - Spike Analyst | gy |
| Analyst ID - Spike Witness Analyst | jose |
| Sufficient Volume for Batch QC | yes |
| Prep Solvent ID | JT Baker Dichloromethane: 3062003 & JT Baker Acetone: 2762003 |
| Na2SO4 ID | Fisher: 232415 |
| Glass Wool ID | Pyrex: 91229990 |
| Analyst ID - Concentration | gy |
| Equipment ID - Concentration 1 | N-EVAP: 31869 |
| Thermometer ID - Concentration 1 | N-EVAP: 31869 |
| Concentration 1 Uncorrected Temperature | 35.0 Degrees C |
| Concentration 1 Corrected Temperature | 35.0 Degrees C |
| Vial Lot Number | Agilent Technologies: 21116173 |
| Analyst ID - Clean Up | OS |
| Batch Comment | BNA Soil |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# 8081B

## Organochlorine Pesticides by Gas Chromatography

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCBP1 # | DCBP2 # |
|---|---|---|---|---|---|
| RX-21-01_0-2 | 460-319954-1 | 44 | 49 | 45 | 61 |
| RX-18-01_0-2 | 460-319954-2 | 52 | 58 | 55 | 69 |
| RX-20-01_0-2 | 460-319954-3 | 56 | 62 | 60 | 75 |
| RX-22-01_0-2 | 460-319954-4 | 57 | 62 | 60 | 74 |
| RX-19-01_0-2 | 460-319954-5 | 51 | 57 | 53 | 68 |
| DUP_02052025 | 460-319954-6 | 67 | 74 | 71 | 89 |
| | MB 460-1019984/1-A | 83 | 80 | 96 | 86 |
| | LCS 460-1019984/2-A | 67 | 63 | 69 | 66 |
| | LCSD 460-1019984/3-A | 73 | 69 | 81 | 74 |
| | 160-57053-E-2-D MS | 82 | 79 | 102 | 105 |
| | 160-57053-E-2-E MSD | 75 | 72 | 94 | 90 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 21-150 |
| DCBP = DCB Decachlorobiphenyl | 17-150 |

# Column to be used to flag recovery values

FORM II 8081B

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCBP1 # | DCBP2 # |
|---|---|---|---|---|---|
| FB_02052025 | 460-319954-7 | 80 | 85 | 55 | 56 |
| | MB 460-1020298/1-A | 88 | 95 | 57 | 63 |
| | LCS 460-1020298/2-A | 91 | 92 | 55 | 56 |
| | LCSD 460-1020298/3-A | 94 | 92 | 57 | 58 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 34-120 |
| DCBP = DCB Decachlorobiphenyl | 30-131 |

# Column to be used to flag recovery values

FORM II 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5F0977923.D

Lab ID: LCS 460-1019984/2-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.133 | 0.0999 | 75 | 70-138 | |
| 4,4'-DDD | 0.133 | 0.115 | 87 | 70-138 | |
| 4,4'-DDE | 0.133 | 0.115 | 86 | 68-136 | |
| 4,4'-DDE | 0.133 | 0.118 | 88 | 68-136 | |
| 4,4'-DDT | 0.133 | 0.113 | 85 | 66-149 | |
| 4,4'-DDT | 0.133 | 0.116 | 87 | 66-149 | |
| Aldrin | 0.133 | 0.110 | 82 | 69-136 | |
| Aldrin | 0.133 | 0.110 | 83 | 69-136 | |
| alpha-BHC | 0.133 | 0.119 | 89 | 72-134 | |
| alpha-BHC | 0.133 | 0.116 | 87 | 72-134 | |
| beta-BHC | 0.133 | 0.116 | 87 | 71-130 | |
| beta-BHC | 0.133 | 0.111 | 83 | 71-130 | |
| delta-BHC | 0.133 | 0.110 | 83 | 69-140 | |
| delta-BHC | 0.133 | 0.112 | 84 | 69-140 | |
| Dieldrin | 0.133 | 0.114 | 86 | 69-134 | |
| Dieldrin | 0.133 | 0.116 | 87 | 69-134 | |
| Endosulfan I | 0.133 | 0.117 | 88 | 69-133 | |
| Endosulfan I | 0.133 | 0.120 | 90 | 69-133 | |
| Endosulfan II | 0.133 | 0.116 | 87 | 71-137 | |
| Endosulfan II | 0.133 | 0.123 | 92 | 71-137 | |
| Endosulfan sulfate | 0.133 | 0.110 | 83 | 61-140 | |
| Endosulfan sulfate | 0.133 | 0.107 | 80 | 61-140 | |
| Endrin | 0.133 | 0.107 | 81 | 67-141 | |
| Endrin | 0.133 | 0.111 | 83 | 67-141 | |
| Endrin aldehyde | 0.133 | 0.110 | 82 | 71-136 | |
| Endrin aldehyde | 0.133 | 0.113 | 85 | 71-136 | |
| Endrin ketone | 0.133 | 0.114 | 86 | 60-146 | |
| Endrin ketone | 0.133 | 0.113 | 85 | 60-146 | |
| gamma-BHC (Lindane) | 0.133 | 0.116 | 87 | 72-139 | |
| gamma-BHC (Lindane) | 0.133 | 0.114 | 85 | 72-139 | |
| Heptachlor | 0.133 | 0.115 | 86 | 74-138 | |
| Heptachlor | 0.133 | 0.113 | 85 | 74-138 | |
| Heptachlor epoxide | 0.133 | 0.113 | 85 | 72-134 | |
| Heptachlor epoxide | 0.133 | 0.112 | 84 | 72-134 | |
| Methoxychlor | 0.133 | 0.110 | 83 | 60-150 | |
| Methoxychlor | 0.133 | 0.116 | 87 | 60-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 4F001970.D

Lab ID: LCS 460-1020298/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4,4'-DDD | 0.800 | 0.894 | 112 | 69-138 | |
| 4,4'-DDD | 0.800 | 0.915 | 114 | 69-138 | |
| 4,4'-DDE | 0.800 | 0.956 | 120 | 68-130 | |
| 4,4'-DDE | 0.800 | 0.932 | 117 | 68-130 | |
| 4,4'-DDT | 0.800 | 0.846 | 106 | 57-1505 | |
| 4,4'-DDT | 0.800 | 0.940 | 118 | 57-1505 | |
| Aldrin | 0.800 | 0.938 | 117 | 67-129 | |
| Aldrin | 0.800 | 0.941 | 118 | 67-129 | |
| alpha-BHC | 0.800 | 0.959 | 120 | 70-125 | |
| alpha-BHC | 0.800 | 0.957 | 120 | 70-125 | |
| beta-BHC | 0.800 | 0.945 | 118 | 70-129 | |
| beta-BHC | 0.800 | 0.925 | 116 | 70-129 | |
| delta-BHC | 0.800 | 0.871 | 109 | 44-120 | |
| delta-BHC | 0.800 | 0.875 | 109 | 44-120 | |
| Dieldrin | 0.800 | 0.949 | 119 | 72-128 | |
| Dieldrin | 0.800 | 0.951 | 119 | 72-128 | |
| Endosulfan I | 0.800 | 0.970 | 121 | 73-127 | |
| Endosulfan I | 0.800 | 0.970 | 121 | 73-127 | |
| Endosulfan II | 0.800 | 1.01 | 127 | 73-134 | |
| Endosulfan II | 0.800 | 0.985 | 123 | 73-134 | |
| Endosulfan sulfate | 0.800 | 0.863 | 108 | 61-128 | |
| Endosulfan sulfate | 0.800 | 0.876 | 110 | 61-128 | |
| Endrin | 0.800 | 0.849 | 106 | 64-138 | |
| Endrin | 0.800 | 0.926 | 116 | 64-138 | |
| Endrin aldehyde | 0.800 | 0.938 | 117 | 74-133 | |
| Endrin aldehyde | 0.800 | 0.938 | 117 | 74-133 | |
| Endrin ketone | 0.800 | 0.948 | 119 | 56-150 | |
| Endrin ketone | 0.800 | 0.909 | 114 | 56-150 | |
| gamma-BHC (Lindane) | 0.800 | 0.959 | 120 | 73-132 | |
| gamma-BHC (Lindane) | 0.800 | 0.961 | 120 | 73-132 | |
| Heptachlor | 0.800 | 0.960 | 120 | 70-134 | |
| Heptachlor | 0.800 | 0.974 | 122 | 70-134 | |
| Heptachlor epoxide | 0.800 | 0.962 | 120 | 75-126 | |
| Heptachlor epoxide | 0.800 | 0.962 | 120 | 75-126 | |
| Methoxychlor | 0.800 | 0.788 | 99 | 49-150 | |
| Methoxychlor | 0.800 | 0.924 | 116 | 49-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5F0977924.D

Lab ID: LCSD 460-1019984/3-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.133 | 0.101 | 76 | 1 | 30 | 70-138 | |
| 4,4'-DDD | 0.133 | 0.116 | 87 | 1 | 30 | 70-138 | |
| 4,4'-DDE | 0.133 | 0.116 | 87 | 1 | 30 | 68-136 | |
| 4,4'-DDE | 0.133 | 0.120 | 90 | 2 | 30 | 68-136 | |
| 4,4'-DDT | 0.133 | 0.115 | 87 | 2 | 30 | 66-149 | |
| 4,4'-DDT | 0.133 | 0.119 | 89 | 2 | 30 | 66-149 | |
| Aldrin | 0.133 | 0.111 | 83 | 1 | 30 | 69-136 | |
| Aldrin | 0.133 | 0.111 | 84 | 1 | 30 | 69-136 | |
| alpha-BHC | 0.133 | 0.121 | 91 | 2 | 30 | 72-134 | |
| alpha-BHC | 0.133 | 0.117 | 88 | 1 | 30 | 72-134 | |
| beta-BHC | 0.133 | 0.118 | 89 | 2 | 30 | 71-130 | |
| beta-BHC | 0.133 | 0.112 | 84 | 1 | 30 | 71-130 | |
| delta-BHC | 0.133 | 0.113 | 84 | 2 | 30 | 69-140 | |
| delta-BHC | 0.133 | 0.114 | 86 | 2 | 30 | 69-140 | |
| Dieldrin | 0.133 | 0.115 | 86 | 1 | 30 | 69-134 | |
| Dieldrin | 0.133 | 0.117 | 88 | 1 | 30 | 69-134 | |
| Endosulfan I | 0.133 | 0.118 | 88 | 1 | 30 | 69-133 | |
| Endosulfan I | 0.133 | 0.123 | 92 | 2 | 30 | 69-133 | |
| Endosulfan II | 0.133 | 0.117 | 88 | 1 | 30 | 71-137 | |
| Endosulfan II | 0.133 | 0.123 | 93 | 0 | 30 | 71-137 | |
| Endosulfan sulfate | 0.133 | 0.112 | 84 | 1 | 30 | 61-140 | |
| Endosulfan sulfate | 0.133 | 0.109 | 82 | 2 | 30 | 61-140 | |
| Endrin | 0.133 | 0.109 | 81 | 1 | 30 | 67-141 | |
| Endrin | 0.133 | 0.112 | 84 | 1 | 30 | 67-141 | |
| Endrin aldehyde | 0.133 | 0.111 | 83 | 1 | 30 | 71-136 | |
| Endrin aldehyde | 0.133 | 0.115 | 86 | 1 | 30 | 71-136 | |
| Endrin ketone | 0.133 | 0.117 | 88 | 2 | 30 | 60-146 | |
| Endrin ketone | 0.133 | 0.115 | 86 | 1 | 30 | 60-146 | |
| gamma-BHC (Lindane) | 0.133 | 0.118 | 89 | 2 | 30 | 72-139 | |
| gamma-BHC (Lindane) | 0.133 | 0.115 | 86 | 1 | 30 | 72-139 | |
| Heptachlor | 0.133 | 0.116 | 87 | 1 | 30 | 74-138 | |
| Heptachlor | 0.133 | 0.114 | 86 | 1 | 30 | 74-138 | |
| Heptachlor epoxide | 0.133 | 0.114 | 85 | 0 | 30 | 72-134 | |
| Heptachlor epoxide | 0.133 | 0.113 | 85 | 1 | 30 | 72-134 | |
| Methoxychlor | 0.133 | 0.114 | 86 | 4 | 30 | 60-150 | |
| Methoxychlor | 0.133 | 0.118 | 89 | 2 | 30 | 60-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Matrix: Water  Level: Low  Lab File ID: 4F001971.D

Lab ID: LCSD 460-1020298/3-A  Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.800 | 0.890 | 111 | 0 | 30 | 69-138 | |
| 4,4'-DDD | 0.800 | 0.932 | 116 | 2 | 30 | 69-138 | |
| 4,4'-DDE | 0.800 | 0.950 | 119 | 1 | 30 | 68-130 | |
| 4,4'-DDE | 0.800 | 0.961 | 120 | 3 | 30 | 68-130 | |
| 4,4'-DDT | 0.800 | 0.827 | 103 | 2 | 30 | 57-1505 | |
| 4,4'-DDT | 0.800 | 0.953 | 119 | 1 | 30 | 57-1505 | |
| Aldrin | 0.800 | 0.933 | 117 | 1 | 30 | 67-129 | |
| Aldrin | 0.800 | 0.971 | 121 | 3 | 30 | 67-129 | |
| alpha-BHC | 0.800 | 0.947 | 118 | 1 | 30 | 70-125 | |
| alpha-BHC | 0.800 | 0.981 | 123 | 3 | 30 | 70-125 | |
| beta-BHC | 0.800 | 0.932 | 116 | 1 | 30 | 70-129 | |
| beta-BHC | 0.800 | 0.948 | 119 | 2 | 30 | 70-129 | |
| delta-BHC | 0.800 | 0.856 | 107 | 2 | 30 | 44-120 | |
| delta-BHC | 0.800 | 0.899 | 112 | 3 | 30 | 44-120 | |
| Dieldrin | 0.800 | 0.947 | 118 | 0 | 30 | 72-128 | |
| Dieldrin | 0.800 | 0.977 | 122 | 3 | 30 | 72-128 | |
| Endosulfan I | 0.800 | 0.966 | 121 | 0 | 30 | 73-127 | |
| Endosulfan I | 0.800 | 0.995 | 124 | 3 | 30 | 73-127 | |
| Endosulfan II | 0.800 | 1.03 | 128 | 1 | 30 | 73-134 | |
| Endosulfan II | 0.800 | 1.01 | 126 | 3 | 30 | 73-134 | |
| Endosulfan sulfate | 0.800 | 0.869 | 109 | 1 | 30 | 61-128 | |
| Endosulfan sulfate | 0.800 | 0.893 | 112 | 2 | 30 | 61-128 | |
| Endrin | 0.800 | 0.832 | 104 | 2 | 30 | 64-138 | |
| Endrin | 0.800 | 0.944 | 118 | 2 | 30 | 64-138 | |
| Endrin aldehyde | 0.800 | 0.956 | 120 | 2 | 30 | 74-133 | |
| Endrin aldehyde | 0.800 | 0.951 | 119 | 1 | 30 | 74-133 | |
| Endrin ketone | 0.800 | 0.965 | 121 | 2 | 30 | 56-150 | |
| Endrin ketone | 0.800 | 0.928 | 116 | 2 | 30 | 56-150 | |
| gamma-BHC (Lindane) | 0.800 | 0.943 | 118 | 2 | 30 | 73-132 | |
| gamma-BHC (Lindane) | 0.800 | 0.989 | 124 | 3 | 30 | 73-132 | |
| Heptachlor | 0.800 | 0.948 | 118 | 1 | 30 | 70-134 | |
| Heptachlor | 0.800 | 1.01 | 126 | 3 | 30 | 70-134 | |
| Heptachlor epoxide | 0.800 | 0.951 | 119 | 1 | 30 | 75-126 | |
| Heptachlor epoxide | 0.800 | 0.995 | 124 | 3 | 30 | 75-126 | |
| Methoxychlor | 0.800 | 0.754 | 94 | 4 | 30 | 49-150 | |
| Methoxychlor | 0.800 | 0.923 | 115 | 0 | 30 | 49-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5F0977927.D

Lab ID: 160-57053-E-2-D MS Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | SAMPLE CONCENTRATION (mg/Kg) | MS CONCENTRATION (mg/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.193 | 0.0097 U | 0.187 | 97 | 70-138 | |
| 4,4'-DDD | 0.193 | 0.0097 U | 0.199 | 104 | 70-138 | |
| 4,4'-DDE | 0.193 | 0.0097 U | 0.166 | 86 | 68-136 | |
| 4,4'-DDE | 0.193 | 0.0097 U | 0.188 | 98 | 68-136 | |
| 4,4'-DDT | 0.193 | 0.0076 J | 0.204 | 102 | 66-149 | |
| 4,4'-DDT | 0.193 | 0.0093 J | 0.224 | 111 | 66-149 | |
| Aldrin | 0.193 | 0.0097 U | 0.161 | 84 | 69-136 | |
| Aldrin | 0.193 | 0.0097 U | 0.185 | 96 | 69-136 | |
| alpha-BHC | 0.193 | 0.0029 U | 0.184 | 96 | 72-134 | |
| alpha-BHC | 0.193 | 0.0029 U | 0.194 | 101 | 72-134 | |
| beta-BHC | 0.193 | 0.0029 U | 0.171 | 89 | 71-130 | |
| beta-BHC | 0.193 | 0.0029 U | 0.173 | 90 | 71-130 | |
| delta-BHC | 0.193 | 0.0029 U | 0.180 | 93 | 69-140 | |
| delta-BHC | 0.193 | 0.0029 U | 0.195 | 101 | 69-140 | |
| Dieldrin | 0.193 | 0.0029 U | 0.186 | 96 | 69-134 | |
| Dieldrin | 0.193 | 0.0029 U | 0.202 | 105 | 69-134 | |
| Endosulfan I | 0.193 | 0.0097 U | 0.187 | 97 | 69-133 | |
| Endosulfan I | 0.193 | 0.0097 U | 0.203 | 106 | 69-133 | |
| Endosulfan II | 0.193 | 0.0097 U | 0.175 | 91 | 71-137 | |
| Endosulfan II | 0.193 | 0.0097 U | 0.214 | 111 | 71-137 | |
| Endosulfan sulfate | 0.193 | 0.0097 U | 0.189 | 98 | 61-140 | |
| Endosulfan sulfate | 0.193 | 0.0097 U | 0.191 | 99 | 61-140 | |
| Endrin | 0.193 | 0.0097 U | 0.178 | 93 | 67-141 | |
| Endrin | 0.193 | 0.0097 U | 0.196 | 102 | 67-141 | |
| Endrin aldehyde | 0.193 | 0.0097 U | 0.181 | 94 | 71-136 | |
| Endrin aldehyde | 0.193 | 0.0097 U | 0.194 | 101 | 71-136 | |
| Endrin ketone | 0.193 | 0.0097 U | 0.194 | 101 | 60-146 | |
| Endrin ketone | 0.193 | 0.0097 U | 0.201 | 104 | 60-146 | |
| gamma-BHC (Lindane) | 0.193 | 0.0029 U | 0.195 | 101 | 72-139 | |
| gamma-BHC (Lindane) | 0.193 | 0.0029 U | 0.199 | 103 | 72-139 | |
| Heptachlor | 0.193 | 0.0097 U | 0.185 | 96 | 74-138 | |
| Heptachlor | 0.193 | 0.0097 U | 0.190 | 99 | 74-138 | |
| Heptachlor epoxide | 0.193 | 0.0097 U | 0.178 | 92 | 72-134 | |
| Heptachlor epoxide | 0.193 | 0.0097 U | 0.189 | 98 | 72-134 | |
| Methoxychlor | 0.193 | 0.0097 U | 0.216 | 112 | 60-150 | |
| Methoxychlor | 0.193 | 0.0097 U | 0.230 | 119 | 60-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 5F0977928.D

Lab ID: 160-57053-E-2-E MSD Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | MSD CONCENTRATION (mg/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| 4,4'-DDD | 0.193 | 0.175 | 91 | 7 | 30 | 70-138 | |
| 4,4'-DDD | 0.193 | 0.188 | 98 | 6 | 30 | 70-138 | |
| 4,4'-DDE | 0.193 | 0.158 | 82 | 5 | 30 | 68-136 | |
| 4,4'-DDE | 0.193 | 0.178 | 92 | 5 | 30 | 68-136 | |
| 4,4'-DDT | 0.193 | 0.193 | 96 | 5 | 30 | 66-149 | |
| 4,4'-DDT | 0.193 | 0.212 | 105 | 6 | 30 | 66-149 | |
| Aldrin | 0.193 | 0.153 | 79 | 5 | 30 | 69-136 | |
| Aldrin | 0.193 | 0.174 | 90 | 6 | 30 | 69-136 | |
| alpha-BHC | 0.193 | 0.173 | 90 | 6 | 30 | 72-134 | |
| alpha-BHC | 0.193 | 0.182 | 95 | 6 | 30 | 72-134 | |
| beta-BHC | 0.193 | 0.160 | 83 | 7 | 30 | 71-130 | |
| beta-BHC | 0.193 | 0.162 | 84 | 7 | 30 | 71-130 | |
| delta-BHC | 0.193 | 0.170 | 88 | 6 | 30 | 69-140 | |
| delta-BHC | 0.193 | 0.185 | 96 | 6 | 30 | 69-140 | |
| Dieldrin | 0.193 | 0.176 | 91 | 5 | 30 | 69-134 | |
| Dieldrin | 0.193 | 0.191 | 99 | 6 | 30 | 69-134 | |
| Endosulfan I | 0.193 | 0.176 | 91 | 6 | 30 | 69-133 | |
| Endosulfan I | 0.193 | 0.192 | 100 | 6 | 30 | 69-133 | |
| Endosulfan II | 0.193 | 0.164 | 85 | 7 | 30 | 71-137 | |
| Endosulfan II | 0.193 | 0.202 | 105 | 6 | 30 | 71-137 | |
| Endosulfan sulfate | 0.193 | 0.178 | 92 | 6 | 30 | 61-140 | |
| Endosulfan sulfate | 0.193 | 0.180 | 93 | 6 | 30 | 61-140 | |
| Endrin | 0.193 | 0.169 | 88 | 5 | 30 | 67-141 | |
| Endrin | 0.193 | 0.185 | 96 | 5 | 30 | 67-141 | |
| Endrin aldehyde | 0.193 | 0.170 | 88 | 6 | 30 | 71-136 | |
| Endrin aldehyde | 0.193 | 0.183 | 95 | 6 | 30 | 71-136 | |
| Endrin ketone | 0.193 | 0.182 | 94 | 6 | 30 | 60-146 | |
| Endrin ketone | 0.193 | 0.189 | 98 | 6 | 30 | 60-146 | |
| gamma-BHC (Lindane) | 0.193 | 0.183 | 95 | 7 | 30 | 72-139 | |
| gamma-BHC (Lindane) | 0.193 | 0.187 | 97 | 6 | 30 | 72-139 | |
| Heptachlor | 0.193 | 0.174 | 90 | 6 | 30 | 74-138 | |
| Heptachlor | 0.193 | 0.179 | 93 | 6 | 30 | 74-138 | |
| Heptachlor epoxide | 0.193 | 0.167 | 87 | 6 | 30 | 72-134 | |
| Heptachlor epoxide | 0.193 | 0.179 | 93 | 6 | 30 | 72-134 | |
| Methoxychlor | 0.193 | 0.201 | 104 | 7 | 30 | 60-150 | |
| Methoxychlor | 0.193 | 0.218 | 113 | 6 | 30 | 60-150 | |

# Column to be used to flag recovery and RPD values

FORM III 8081B

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: MB 460-1019984/1-A

Matrix: Solid  Date Extracted: 02/06/2025 15:57

Lab File ID:(1) 5F0977925.D  Lab File ID:(2) 5F0977925.D

Date Analyzed:(1) 02/07/2025 03:49  Date Analyzed:(2) 02/07/2025 03:49

Instrument ID:(1) CPESTGC5  Instrument ID:(2) CPESTGC5

GC Column:(1) Rtx-CLP ID: 0.53(mm)  GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 460-1019984/2-A | 02/07/2025 03:23 | 02/07/2025 03:23 |
| | LCSD 460-1019984/3-A | 02/07/2025 03:36 | 02/07/2025 03:36 |
| | 160-57053-E-2-D MS | 02/07/2025 04:15 | 02/07/2025 04:15 |
| | 160-57053-E-2-E MSD | 02/07/2025 04:28 | 02/07/2025 04:28 |
| RX-21-01_0-2 | 460-319954-1 | 02/07/2025 06:12 | 02/07/2025 06:12 |
| RX-18-01_0-2 | 460-319954-2 | 02/07/2025 06:24 | 02/07/2025 06:24 |
| RX-20-01_0-2 | 460-319954-3 | 02/07/2025 06:36 | 02/07/2025 06:36 |
| RX-22-01_0-2 | 460-319954-4 | 02/07/2025 06:49 | 02/07/2025 06:49 |
| RX-19-01_0-2 | 460-319954-5 | 02/07/2025 07:01 | 02/07/2025 07:01 |
| DUP_02052025 | 460-319954-6 | 02/07/2025 07:13 | 02/07/2025 07:13 |

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: MB 460-1020298/1-A

Matrix: Water  Date Extracted: 02/08/2025 13:47

Lab File ID:(1) 4F001972.D  Lab File ID:(2) 4F001972.D

Date Analyzed:(1) 02/09/2025 09:16  Date Analyzed:(2) 02/09/2025 09:16

Instrument ID:(1) CPESTGC4  Instrument ID:(2) CPESTGC4

GC Column:(1) Rtx-CLP ID: 0.53(mm)  GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 460-1020298/2-A | 02/09/2025 08:44 | 02/09/2025 08:44 |
| | LCSD 460-1020298/3-A | 02/09/2025 09:00 | 02/09/2025 09:00 |
| FB_02052025 | 460-319954-7 | 02/09/2025 09:32 | 02/09/2025 09:32 |

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument I CPESTGC12 Calibration Start Date: 01/22/2025 09:50

GC Column: CLP-2 ID: 0.53(mm) Calibration End Date: 01/22/2025 10:39

Calibration ID: 99943

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 145480331 | 1.52 | | | | |
| UPPER LIMIT | | 290960662 | 1.59 | | | | |
| LOWER LIMIT | | 72740166 | 1.45 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCVIS 460-1020035/3 | | 196243047 | 1.51 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument I CPESTGC12 Calibration Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP ID: 0.53(mm) Calibration End Date: 01/22/2025 10:39

Calibration ID: 99944

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MEAN AREA AND MEAN RT | | 399085796 | 1.44 | | | | |
| UPPER LIMIT | | 798171592 | 1.51 | | | | |
| LOWER LIMIT | | 199542898 | 1.37 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCVIS 460-1020035/3 | | 460839178 | 1.44 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020035/3 Date Analyzed: 02/07/2025 02:42

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 12F0068417.D Heated Purge: (Y/N) N

Calibration ID: 99967

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 196243047 | 1.51 | | | | |
| UPPER LIMIT | | 392486094 | 1.58 | | | | |
| LOWER LIMIT | | 98121524 | 1.44 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020035/4 | | 211223116 | 1.51 | | | | |
| CCV 460-1020035/5 | | 223156416 | 1.51 | | | | |
| 460-319954-1 | RX-21-01_0-2 | 224482808 | 1.51 | | | | |
| 460-319954-2 | RX-18-01_0-2 | 219001652 | 1.51 | | | | |
| 460-319954-3 | RX-20-01_0-2 | 232520212 | 1.51 | | | | |
| 460-319954-4 | RX-22-01_0-2 | 226140659 | 1.51 | | | | |
| 460-319954-5 | RX-19-01_0-2 | 230685274 | 1.51 | | | | |
| 460-319954-6 | DUP_02052025 | 220162813 | 1.51 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020035/3 Date Analyzed: 02/07/2025 02:42

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 12F0068417.D Heated Purge: (Y/N) N

Calibration ID: 99968

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 460839178 | 1.44 | | | | |
| UPPER LIMIT | | 921678356 | 1.51 | | | | |
| LOWER LIMIT | | 230419589 | 1.37 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020035/4 | | 507329461 | 1.44 | | | | |
| CCV 460-1020035/5 | | 547436285 | 1.44 | | | | |
| 460-319954-1 | RX-21-01_0-2 | 671263563 | 1.44 | | | | |
| 460-319954-2 | RX-18-01_0-2 | 647434680 | 1.44 | | | | |
| 460-319954-3 | RX-20-01_0-2 | 676512966 | 1.44 | | | | |
| 460-319954-4 | RX-22-01_0-2 | 649189446 | 1.44 | | | | |
| 460-319954-5 | RX-19-01_0-2 | 682831887 | 1.44 | | | | |
| 460-319954-6 | DUP_02052025 | 653025024 | 1.44 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1009318/5 Date Analyzed: 11/27/2024 04:13

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0011518.D Heated Purge: (Y/N) N

Calibration ID: 99435

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 56770807 | 1.46 | | | | |
| UPPER LIMIT | | 113541614 | 1.53 | | | | |
| LOWER LIMIT | | 28385404 | 1.39 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1009318/9 | | 60593147 | 1.46 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1009318/5 Date Analyzed: 11/27/2024 04:13

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0011518.D Heated Purge: (Y/N) N

Calibration ID: 99436

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 129862171 | 1.42 | | | | |
| UPPER LIMIT | | 259724342 | 1.49 | | | | |
| LOWER LIMIT | | 64931086 | 1.35 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1009318/9 | | 140811769 | 1.42 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1009321/3 Date Analyzed: 11/27/2024 06:08

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0011525.D Heated Purge: (Y/N) N

Calibration ID: 99441

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 52633882 | 1.46 | | | | |
| UPPER LIMIT | | 105267764 | 1.53 | | | | |
| LOWER LIMIT | | 26316941 | 1.39 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1009321/7 | | 60113255 | 1.46 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1009321/3 Date Analyzed: 11/27/2024 06:08

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0011525.D Heated Purge: (Y/N) N

Calibration ID: 99442

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 122047658 | 1.42 | | | | |
| UPPER LIMIT | | 244095316 | 1.49 | | | | |
| LOWER LIMIT | | 61023829 | 1.35 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1009321/7 | | 140241362 | 1.42 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020347/3 Date Analyzed: 02/09/2025 07:45

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F001967.D Heated Purge: (Y/N) N

Calibration ID: 99453

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 83978754 | 1.45 | | | | |
| UPPER LIMIT | | 167957508 | 1.52 | | | | |
| LOWER LIMIT | | 41989377 | 1.38 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020347/4 | | 59646263 | 1.46 | | | | |
| CCV 460-1020347/5 | | 67096245 | 1.46 | | | | |
| LCS 460-1020298/2-A | | 61127957 | 1.46 | | | | |
| LCSD 460-1020298/3-A | | 61131862 | 1.46 | | | | |
| MB 460-1020298/1-A | | 57567752 | 1.46 | | | | |
| 460-319954-7 | FB_02052025 | 60255778 | 1.46 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020347/3 Date Analyzed: 02/09/2025 07:45

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F001967.D Heated Purge: (Y/N) N

Calibration ID: 99454

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 177766071 | 1.42 | | | | |
| UPPER LIMIT | | 355532142 | 1.49 | | | | |
| LOWER LIMIT | | 88883036 | 1.35 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020347/4 | | 121209164 | 1.42 | | | | |
| CCV 460-1020347/5 | | 141247425 | 1.42 | | | | |
| LCS 460-1020298/2-A | | 140083835 | 1.42 | | | | |
| LCSD 460-1020298/3-A | | 137592690 | 1.42 | | | | |
| MB 460-1020298/1-A | | 134833455 | 1.42 | | | | |
| 460-319954-7 | FB_02052025 | 137025017 | 1.42 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020038/3 Date Analyzed: 02/07/2025 02:44

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 5F0977920.D Heated Purge: (Y/N) N

Calibration ID: 99929

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 36593783 | 1.51 | | | | |
| UPPER LIMIT | | 73187566 | 1.58 | | | | |
| LOWER LIMIT | | 18296892 | 1.44 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020038/4 | | 28411941 | 1.51 | | | | |
| CCV 460-1020038/5 | | 33763447 | 1.51 | | | | |
| LCS 460-1019984/2-A | | 32283392 | 1.51 | | | | |
| LCSD 460-1019984/3-A | | 33274246 | 1.51 | | | | |
| MB 460-1019984/1-A | | 28821824 | 1.51 | | | | |
| 160-57053-E-2-D MS | | 28210297 | 1.51 | | | | |
| 160-57053-E-2-E MSD | | 32055076 | 1.51 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020038/3 Date Analyzed: 02/07/2025 02:44

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 5F0977920.D Heated Purge: (Y/N) N

Calibration ID: 99930

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 66522478 | 1.61 | | | | |
| UPPER LIMIT | | 133044956 | 1.68 | | | | |
| LOWER LIMIT | | 33261239 | 1.54 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| CCV 460-1020038/4 | | 52724104 | 1.61 | | | | |
| CCV 460-1020038/5 | | 61781707 | 1.61 | | | | |
| LCS 460-1019984/2-A | | 62605864 | 1.61 | | | | |
| LCSD 460-1019984/3-A | | 63874187 | 1.61 | | | | |
| MB 460-1019984/1-A | | 54878195 | 1.61 | | | | |
| 160-57053-E-2-D MS | | 49904110 | 1.62 | | | | |
| 160-57053-E-2-E MSD | | 56428104 | 1.61 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2  Lab Sample ID: 460-319954-1

Instrument ID (1): CPESTGC12  Instrument ID (2): CPESTGC12

Date Analyzed (1): 02/07/2025 06:12  Date Analyzed (2): 02/07/2025 06:12

GC Column (1): Rtx-CLP ID: 0.53(mm)  GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| 4,4'-DDT | 1 | | 4.80 | 4.79 | 4.81 | 0.0044 | | 14.3 |
| | 2 | | 5.76 | 5.75 | 5.77 | 0.0051 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2  Lab Sample ID: 460-319954-2

Instrument ID (1): CPESTGC12  Instrument ID (2): CPESTGC12

Date Analyzed (1): 02/07/2025 06:24  Date Analyzed (2): 02/07/2025 06:24

GC Column (1): Rtx-CLP ID: 0.53(mm)  GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| 4,4'-DDE | 1 | | 3.78 | 3.78 | 3.80 | 0.0016 | | 14.0 |
| | 2 | | 4.83 | 4.82 | 4.84 | 0.0014 | | |
| 4,4'-DDT | 1 | | 4.80 | 4.79 | 4.81 | 0.0027 | | 22.9 |
| | 2 | | 5.76 | 5.75 | 5.77 | 0.0034 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-1019984/2-A

Instrument ID (1): CPESTGC5  Instrument ID (2): CPESTGC5

Date Analyzed (1): 02/07/2025 03:23  Date Analyzed (2): 02/07/2025 03:23

GC Column (1): Rtx-CLP ID: 0.53(mm)  GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.33 | 2.32 | 2.34 | 0.116 | | 2.7 |
| | 2 | | 2.45 | 2.43 | 2.45 | 0.119 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.54 | 2.56 | 0.114 | | 2.1 |
| | 2 | | 2.74 | 2.73 | 2.75 | 0.116 | | |
| beta-BHC | 1 | | 2.60 | 2.59 | 2.61 | 0.111 | | 4.3 |
| | 2 | | 2.80 | 2.78 | 2.80 | 0.116 | | |
| delta-BHC | 1 | | 2.74 | 2.73 | 2.75 | 0.112 | | 2.1 |
| | 2 | | 3.09 | 3.08 | 3.10 | 0.110 | | |
| Heptachlor | 1 | | 2.92 | 2.91 | 2.93 | 0.113 | | 1.4 |
| | 2 | | 3.17 | 3.15 | 3.17 | 0.115 | | |
| Aldrin | 1 | | 3.19 | 3.18 | 3.20 | 0.110 | | 0.6 |
| | 2 | | 3.54 | 3.52 | 3.54 | 0.110 | | |
| Heptachlor epoxide | 1 | | 3.81 | 3.79 | 3.81 | 0.112 | | 0.9 |
| | 2 | | 4.21 | 4.19 | 4.21 | 0.113 | | |
| 4,4'-DDE | 1 | | 4.16 | 4.15 | 4.17 | 0.118 | | 2.7 |
| | 2 | | 4.83 | 4.81 | 4.83 | 0.115 | | |
| Endosulfan I | 1 | | 4.23 | 4.21 | 4.23 | 0.120 | | 2.8 |
| | 2 | | 4.70 | 4.68 | 4.70 | 0.117 | | |
| Dieldrin | 1 | | 4.50 | 4.48 | 4.50 | 0.116 | | 1.4 |
| | 2 | | 4.99 | 4.97 | 4.99 | 0.114 | | |
| Endrin | 1 | | 4.76 | 4.75 | 4.77 | 0.111 | | 3.3 |
| | 2 | | 5.27 | 5.26 | 5.28 | 0.107 | | |
| 4,4'-DDD | 1 | | 4.84 | 4.82 | 4.84 | 0.115 | | 14.3 |
| | 2 | | 5.38 | 5.37 | 5.39 | 0.0999 | | |
| Endosulfan II | 1 | | 4.98 | 4.96 | 4.98 | 0.123 | | 6.1 |
| | 2 | | 5.46 | 5.44 | 5.46 | 0.116 | | |
| 4,4'-DDT | 1 | | 5.10 | 5.09 | 5.11 | 0.116 | | 3.2 |
| | 2 | | 5.66 | 5.65 | 5.67 | 0.113 | | |
| Endrin aldehyde | 1 | | 5.33 | 5.32 | 5.34 | 0.113 | | 3.1 |
| | 2 | | 5.76 | 5.74 | 5.76 | 0.110 | | |
| Methoxychlor | 1 | | 5.53 | 5.52 | 5.54 | 0.116 | | 5.0 |
| | 2 | | 6.46 | 6.45 | 6.47 | 0.110 | | |
| Endosulfan sulfate | 1 | | 5.69 | 5.68 | 5.70 | 0.107 | | 3.1 |
| | 2 | | 6.02 | 6.01 | 6.03 | 0.110 | | |
| Endrin ketone | 1 | | 5.92 | 5.91 | 5.93 | 0.113 | | 0.8 |
| | 2 | | 6.67 | 6.66 | 6.68 | 0.114 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-1019984/3-A

Instrument ID (1): CPESTGC5 Instrument ID (2): CPESTGC5

Date Analyzed (1): 02/07/2025 03:36 Date Analyzed (2): 02/07/2025 03:36

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.34 | 2.32 | 2.34 | 0.117 | | 3.4 |
| | 2 | | 2.45 | 2.43 | 2.45 | 0.121 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.54 | 2.56 | 0.115 | | 3.0 |
| | 2 | | 2.74 | 2.73 | 2.75 | 0.118 | | |
| beta-BHC | 1 | | 2.60 | 2.59 | 2.61 | 0.112 | | 5.1 |
| | 2 | | 2.80 | 2.78 | 2.80 | 0.118 | | |
| delta-BHC | 1 | | 2.74 | 2.73 | 2.75 | 0.114 | | 1.4 |
| | 2 | | 3.09 | 3.08 | 3.10 | 0.113 | | |
| Heptachlor | 1 | | 2.92 | 2.91 | 2.93 | 0.114 | | 1.6 |
| | 2 | | 3.17 | 3.15 | 3.17 | 0.116 | | |
| Aldrin | 1 | | 3.19 | 3.18 | 3.20 | 0.111 | | 0.6 |
| | 2 | | 3.54 | 3.52 | 3.54 | 0.111 | | |
| Heptachlor epoxide | 1 | | 3.81 | 3.79 | 3.81 | 0.113 | | 0.5 |
| | 2 | | 4.21 | 4.19 | 4.21 | 0.114 | | |
| 4,4'-DDE | 1 | | 4.16 | 4.15 | 4.17 | 0.120 | | 3.6 |
| | 2 | | 4.83 | 4.81 | 4.83 | 0.116 | | |
| Endosulfan I | 1 | | 4.23 | 4.21 | 4.23 | 0.123 | | 3.9 |
| | 2 | | 4.70 | 4.68 | 4.70 | 0.118 | | |
| Dieldrin | 1 | | 4.50 | 4.48 | 4.50 | 0.117 | | 1.4 |
| | 2 | | 4.99 | 4.97 | 4.99 | 0.115 | | |
| Endrin | 1 | | 4.76 | 4.75 | 4.77 | 0.112 | | 3.5 |
| | 2 | | 5.27 | 5.26 | 5.28 | 0.109 | | |
| 4,4'-DDD | 1 | | 4.84 | 4.82 | 4.84 | 0.116 | | 14.1 |
| | 2 | | 5.38 | 5.37 | 5.39 | 0.101 | | |
| Endosulfan II | 1 | | 4.98 | 4.96 | 4.98 | 0.123 | | 5.1 |
| | 2 | | 5.46 | 5.44 | 5.46 | 0.117 | | |
| 4,4'-DDT | 1 | | 5.10 | 5.09 | 5.11 | 0.119 | | 2.7 |
| | 2 | | 5.66 | 5.65 | 5.67 | 0.115 | | |
| Endrin aldehyde | 1 | | 5.34 | 5.32 | 5.34 | 0.115 | | 3.1 |
| | 2 | | 5.76 | 5.74 | 5.76 | 0.111 | | |
| Methoxychlor | 1 | | 5.53 | 5.52 | 5.54 | 0.118 | | 3.3 |
| | 2 | | 6.46 | 6.45 | 6.47 | 0.114 | | |
| Endosulfan sulfate | 1 | | 5.69 | 5.68 | 5.70 | 0.109 | | 2.4 |
| | 2 | | 6.02 | 6.01 | 6.03 | 0.112 | | |
| Endrin ketone | 1 | | 5.92 | 5.91 | 5.93 | 0.115 | | 1.7 |
| | 2 | | 6.67 | 6.66 | 6.68 | 0.117 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Client Sample ID: Lab Sample ID: 160-57053-E-2-D MS

Instrument ID (1): CPESTGC5 Instrument ID (2): CPESTGC5

Date Analyzed (1): 02/07/2025 04:15 Date Analyzed (2): 02/07/2025 04:15

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.34 | 2.32 | 2.34 | 0.194 | | 5.1 |
| | 2 | | 2.45 | 2.43 | 2.45 | 0.184 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.54 | 2.56 | 0.199 | | 1.9 |
| | 2 | | 2.74 | 2.73 | 2.75 | 0.195 | | |
| beta-BHC | 1 | | 2.61 | 2.59 | 2.61 | 0.173 | | 1.3 |
| | 2 | | 2.80 | 2.78 | 2.80 | 0.171 | | |
| delta-BHC | 1 | | 2.75 | 2.73 | 2.75 | 0.195 | | 8.3 |
| | 2 | | 3.10 | 3.08 | 3.10 | 0.180 | | |
| Heptachlor | 1 | | 2.93 | 2.91 | 2.93 | 0.190 | | 3.0 |
| | 2 | | 3.17 | 3.15 | 3.17 | 0.185 | | |
| Aldrin | 1 | | 3.19 | 3.18 | 3.20 | 0.185 | | 13.6 |
| | 2 | | 3.54 | 3.52 | 3.54 | 0.161 | | |
| Heptachlor epoxide | 1 | | 3.81 | 3.79 | 3.81 | 0.189 | | 6.2 |
| | 2 | | 4.21 | 4.19 | 4.21 | 0.178 | | |
| 4,4'-DDE | 1 | | 4.16 | 4.15 | 4.17 | 0.188 | | 12.4 |
| | 2 | | 4.83 | 4.81 | 4.83 | 0.166 | | |
| Endosulfan I | 1 | | 4.23 | 4.21 | 4.23 | 0.203 | | 8.4 |
| | 2 | | 4.70 | 4.68 | 4.70 | 0.187 | | |
| Dieldrin | 1 | | 4.50 | 4.48 | 4.50 | 0.202 | | 8.6 |
| | 2 | | 4.99 | 4.97 | 4.99 | 0.186 | | |
| Endrin | 1 | | 4.76 | 4.75 | 4.77 | 0.196 | | 9.3 |
| | 2 | | 5.27 | 5.26 | 5.28 | 0.178 | | |
| 4,4'-DDD | 1 | | 4.84 | 4.82 | 4.84 | 0.199 | | 6.3 |
| | 2 | | 5.38 | 5.37 | 5.39 | 0.187 | | |
| Endosulfan II | 1 | | 4.98 | 4.96 | 4.98 | 0.214 | | 20.3 |
| | 2 | | 5.46 | 5.44 | 5.46 | 0.175 | | |
| 4,4'-DDT | 1 | | 5.10 | 5.09 | 5.11 | 0.224 | | 9.3 |
| | 2 | | 5.66 | 5.65 | 5.67 | 0.204 | | |
| Endrin aldehyde | 1 | | 5.34 | 5.32 | 5.34 | 0.194 | | 7.1 |
| | 2 | | 5.76 | 5.74 | 5.76 | 0.181 | | |
| Methoxychlor | 1 | | 5.53 | 5.52 | 5.54 | 0.230 | | 6.5 |
| | 2 | | 6.46 | 6.45 | 6.47 | 0.216 | | |
| Endosulfan sulfate | 1 | | 5.69 | 5.68 | 5.70 | 0.191 | | 1.0 |
| | 2 | | 6.02 | 6.01 | 6.03 | 0.189 | | |
| Endrin ketone | 1 | | 5.92 | 5.91 | 5.93 | 0.201 | | 3.7 |
| | 2 | | 6.67 | 6.66 | 6.68 | 0.194 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Client Sample ID: Lab Sample ID: 160-57053-E-2-E MSD

Instrument ID (1): CPESTGC5 Instrument ID (2): CPESTGC5

Date Analyzed (1): 02/07/2025 04:28 Date Analyzed (2): 02/07/2025 04:28

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.34 | 2.32 | 2.34 | 0.182 | | 5.3 |
| | 2 | | 2.45 | 2.43 | 2.45 | 0.173 | | |
| gamma-BHC (Lindane) | 1 | | 2.55 | 2.54 | 2.56 | 0.187 | | 2.2 |
| | 2 | | 2.74 | 2.73 | 2.75 | 0.183 | | |
| beta-BHC | 1 | | 2.61 | 2.59 | 2.61 | 0.162 | | 1.3 |
| | 2 | | 2.80 | 2.78 | 2.80 | 0.160 | | |
| delta-BHC | 1 | | 2.75 | 2.73 | 2.75 | 0.185 | | 8.2 |
| | 2 | | 3.10 | 3.08 | 3.10 | 0.170 | | |
| Heptachlor | 1 | | 2.93 | 2.91 | 2.93 | 0.179 | | 2.7 |
| | 2 | | 3.17 | 3.15 | 3.17 | 0.174 | | |
| Aldrin | 1 | | 3.19 | 3.18 | 3.20 | 0.174 | | 12.9 |
| | 2 | | 3.54 | 3.52 | 3.54 | 0.153 | | |
| Heptachlor epoxide | 1 | | 3.81 | 3.79 | 3.81 | 0.179 | | 6.4 |
| | 2 | | 4.21 | 4.19 | 4.21 | 0.167 | | |
| 4,4'-DDE | 1 | | 4.16 | 4.15 | 4.17 | 0.178 | | 12.2 |
| | 2 | | 4.83 | 4.81 | 4.83 | 0.158 | | |
| Endosulfan I | 1 | | 4.23 | 4.21 | 4.23 | 0.192 | | 9.0 |
| | 2 | | 4.70 | 4.68 | 4.70 | 0.176 | | |
| Dieldrin | 1 | | 4.50 | 4.48 | 4.50 | 0.191 | | 8.2 |
| | 2 | | 4.99 | 4.97 | 4.99 | 0.176 | | |
| Endrin | 1 | | 4.77 | 4.75 | 4.77 | 0.185 | | 9.0 |
| | 2 | | 5.27 | 5.26 | 5.28 | 0.169 | | |
| 4,4'-DDD | 1 | | 4.84 | 4.82 | 4.84 | 0.188 | | 7.6 |
| | 2 | | 5.38 | 5.37 | 5.39 | 0.175 | | |
| Endosulfan II | 1 | | 4.98 | 4.96 | 4.98 | 0.202 | | 21.1 |
| | 2 | | 5.46 | 5.44 | 5.46 | 0.164 | | |
| 4,4'-DDT | 1 | | 5.10 | 5.09 | 5.11 | 0.212 | | 9.2 |
| | 2 | | 5.66 | 5.65 | 5.67 | 0.193 | | |
| Endrin aldehyde | 1 | | 5.34 | 5.32 | 5.34 | 0.183 | | 7.3 |
| | 2 | | 5.76 | 5.74 | 5.76 | 0.170 | | |
| Methoxychlor | 1 | | 5.53 | 5.52 | 5.54 | 0.218 | | 7.8 |
| | 2 | | 6.46 | 6.45 | 6.47 | 0.201 | | |
| Endosulfan sulfate | 1 | | 5.69 | 5.68 | 5.70 | 0.180 | | 0.9 |
| | 2 | | 6.02 | 6.01 | 6.03 | 0.178 | | |
| Endrin ketone | 1 | | 5.92 | 5.91 | 5.93 | 0.189 | | 4.3 |
| | 2 | | 6.67 | 6.66 | 6.68 | 0.182 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-1020298/2-A

Instrument ID (1): CPESTGC4  Instrument ID (2): CPESTGC4

Date Analyzed (1): 02/09/2025 08:44  Date Analyzed (2): 02/09/2025 08:44

GC Column (1): Rtx-CLP ID: 0.53(mm)  GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.06 | 2.04 | 2.06 | 0.957 | | 0.2 |
| | 2 | | 2.37 | 2.36 | 2.38 | 0.959 | | |
| gamma-BHC (Lindane) | 1 | | 2.24 | 2.23 | 2.25 | 0.961 | | 0.2 |
| | 2 | | 2.66 | 2.64 | 2.66 | 0.959 | | |
| beta-BHC | 1 | | 2.29 | 2.28 | 2.30 | 0.925 | | 2.2 |
| | 2 | | 2.72 | 2.70 | 2.72 | 0.945 | | |
| delta-BHC | 1 | | 2.41 | 2.40 | 2.42 | 0.875 | | 0.5 |
| | 2 | | 3.00 | 2.98 | 3.00 | 0.871 | | |
| Heptachlor | 1 | | 2.57 | 2.55 | 2.57 | 0.974 | | 1.4 |
| | 2 | | 3.07 | 3.06 | 3.08 | 0.960 | | |
| Aldrin | 1 | | 2.80 | 2.78 | 2.80 | 0.941 | | 0.3 |
| | 2 | | 3.43 | 3.41 | 3.43 | 0.938 | | |
| Heptachlor epoxide | 1 | | 3.33 | 3.32 | 3.34 | 0.962 | | 0.0 |
| | 2 | | 4.11 | 4.09 | 4.11 | 0.962 | | |
| 4,4'-DDE | 1 | | 3.70 | 3.69 | 3.71 | 0.932 | | 2.5 |
| | 2 | | 4.74 | 4.72 | 4.74 | 0.956 | | |
| Endosulfan I | 1 | | 3.75 | 3.74 | 3.76 | 0.970 | | 0.0 |
| | 2 | | 4.59 | 4.57 | 4.59 | 0.970 | | |
| Dieldrin | 1 | | 4.01 | 3.99 | 4.01 | 0.951 | | 0.2 |
| | 2 | | 4.91 | 4.89 | 4.91 | 0.949 | | |
| Endrin | 1 | | 4.25 | 4.23 | 4.25 | 0.926 | | 8.7 |
| | 2 | | 5.21 | 5.19 | 5.21 | 0.849 | | |
| 4,4'-DDD | 1 | | 4.35 | 4.33 | 4.35 | 0.915 | | 2.4 |
| | 2 | | 5.33 | 5.32 | 5.34 | 0.894 | | |
| Endosulfan II | 1 | | 4.51 | 4.49 | 4.51 | 0.985 | | 2.9 |
| | 2 | | 5.41 | 5.40 | 5.42 | 1.01 | | |
| 4,4'-DDT | 1 | | 4.69 | 4.67 | 4.69 | 0.940 | | 10.6 |
| | 2 | | 5.65 | 5.64 | 5.66 | 0.846 | | |
| Endrin aldehyde | 1 | | 4.96 | 4.95 | 4.97 | 0.938 | | 0.1 |
| | 2 | | 5.78 | 5.76 | 5.78 | 0.938 | | |
| Methoxychlor | 1 | | 5.19 | 5.18 | 5.20 | 0.924 | | 15.9 |
| | 2 | | 6.70 | 6.68 | 6.70 | 0.788 | | |
| Endosulfan sulfate | 1 | | 5.36 | 5.34 | 5.36 | 0.876 | | 1.6 |
| | 2 | | 6.12 | 6.10 | 6.12 | 0.863 | | |
| Endrin ketone | 1 | | 5.60 | 5.53 | 5.67 | 0.909 | | 4.2 |
| | 2 | | 6.96 | 6.88 | 7.02 | 0.948 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-1020298/3-A

Instrument ID (1): CPESTGC4  Instrument ID (2): CPESTGC4

Date Analyzed (1): 02/09/2025 09:00  Date Analyzed (2): 02/09/2025 09:00

GC Column (1): Rtx-CLP ID: 0.53(mm)  GC Column (2): CLP-2 ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| alpha-BHC | 1 | | 2.06 | 2.04 | 2.06 | 0.981 | | 3.6 |
| | 2 | | 2.37 | 2.36 | 2.38 | 0.947 | | |
| gamma-BHC (Lindane) | 1 | | 2.24 | 2.23 | 2.25 | 0.989 | | 4.7 |
| | 2 | | 2.66 | 2.64 | 2.66 | 0.943 | | |
| beta-BHC | 1 | | 2.29 | 2.28 | 2.30 | 0.948 | | 1.8 |
| | 2 | | 2.71 | 2.70 | 2.72 | 0.932 | | |
| delta-BHC | 1 | | 2.41 | 2.40 | 2.42 | 0.899 | | 4.9 |
| | 2 | | 3.00 | 2.98 | 3.00 | 0.856 | | |
| Heptachlor | 1 | | 2.56 | 2.55 | 2.57 | 1.01 | | 6.0 |
| | 2 | | 3.07 | 3.06 | 3.08 | 0.948 | | |
| Aldrin | 1 | | 2.79 | 2.78 | 2.80 | 0.971 | | 4.0 |
| | 2 | | 3.43 | 3.41 | 3.43 | 0.933 | | |
| Heptachlor epoxide | 1 | | 3.33 | 3.32 | 3.34 | 0.995 | | 4.6 |
| | 2 | | 4.10 | 4.09 | 4.11 | 0.951 | | |
| 4,4'-DDE | 1 | | 3.70 | 3.69 | 3.71 | 0.961 | | 1.2 |
| | 2 | | 4.73 | 4.72 | 4.74 | 0.950 | | |
| Endosulfan I | 1 | | 3.75 | 3.74 | 3.76 | 0.995 | | 3.0 |
| | 2 | | 4.59 | 4.57 | 4.59 | 0.966 | | |
| Dieldrin | 1 | | 4.00 | 3.99 | 4.01 | 0.977 | | 3.1 |
| | 2 | | 4.90 | 4.89 | 4.91 | 0.947 | | |
| Endrin | 1 | | 4.24 | 4.23 | 4.25 | 0.944 | | 12.7 |
| | 2 | | 5.21 | 5.19 | 5.21 | 0.832 | | |
| 4,4'-DDD | 1 | | 4.35 | 4.33 | 4.35 | 0.932 | | 4.6 |
| | 2 | | 5.33 | 5.32 | 5.34 | 0.890 | | |
| Endosulfan II | 1 | | 4.50 | 4.49 | 4.51 | 1.01 | | 1.4 |
| | 2 | | 5.41 | 5.40 | 5.42 | 1.03 | | |
| 4,4'-DDT | 1 | | 4.68 | 4.67 | 4.69 | 0.953 | | 14.2 |
| | 2 | | 5.65 | 5.64 | 5.66 | 0.827 | | |
| Endrin aldehyde | 1 | | 4.96 | 4.95 | 4.97 | 0.951 | | 0.5 |
| | 2 | | 5.77 | 5.76 | 5.78 | 0.956 | | |
| Methoxychlor | 1 | | 5.19 | 5.18 | 5.20 | 0.923 | | 20.2 |
| | 2 | | 6.70 | 6.68 | 6.70 | 0.754 | | |
| Endosulfan sulfate | 1 | | 5.35 | 5.34 | 5.36 | 0.893 | | 2.7 |
| | 2 | | 6.12 | 6.10 | 6.12 | 0.869 | | |
| Endrin ketone | 1 | | 5.60 | 5.53 | 5.67 | 0.928 | | 3.9 |
| | 2 | | 6.96 | 6.88 | 7.02 | 0.965 | | |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: 12F0068434.D

Analysis Method: 8081B | Date Collected: 02/05/2025 08:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 06:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 50-29-3 | 4,4'-DDT | 0.0051 | J | 0.0067 | 0.0012 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 61 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 49 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Lims ID: 460-319954-E-1-B
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 06:12:12 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-020
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 06:36:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 224482808 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 671263563 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 69992667 | 24.6 | |
| 2 | 1.807 | 1.809 | -0.002 | 194712094 | 21.9 | |
| | | | | | RPD = 11.37 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.761 | 5.763 | -0.002 | 15514169 | 7.67 | |
| 2 | 4.801 | 4.800 | 0.001 | 40985695 | 6.65 | |
| | | | | | RPD = 14.33 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 67776162 | 30.4 | |
| 2 | 7.327 | 7.328 | -0.001 | 224524738 | 22.7 | |
| | | | | | RPD = 28.67 | |

## QC Flag Legend
Processing Flags

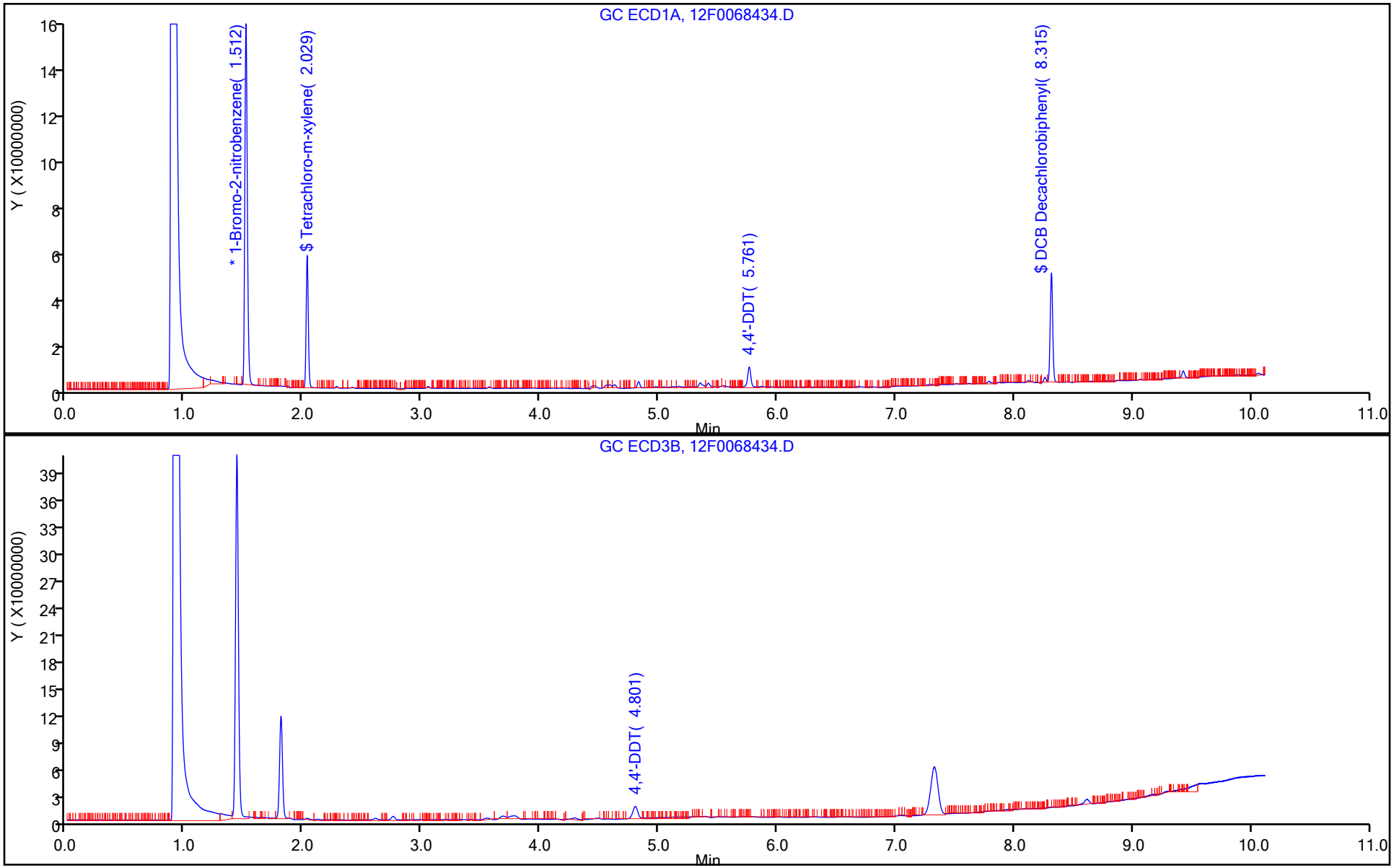
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:29:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:12:12 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-1-B | Lab Sample ID: | 460-319954-1 | Worklist Smp#: | 20 |
| Client ID: | RX-21-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D | | | | |
| Lims ID: | 460-319954-E-1-B | | | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:12:12 | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-020 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 06:36:24 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 24.6 | 49.16 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.4 | 60.71 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 21.9 | 43.87 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 22.7 | 45.49 |

User Disabled Compound Report

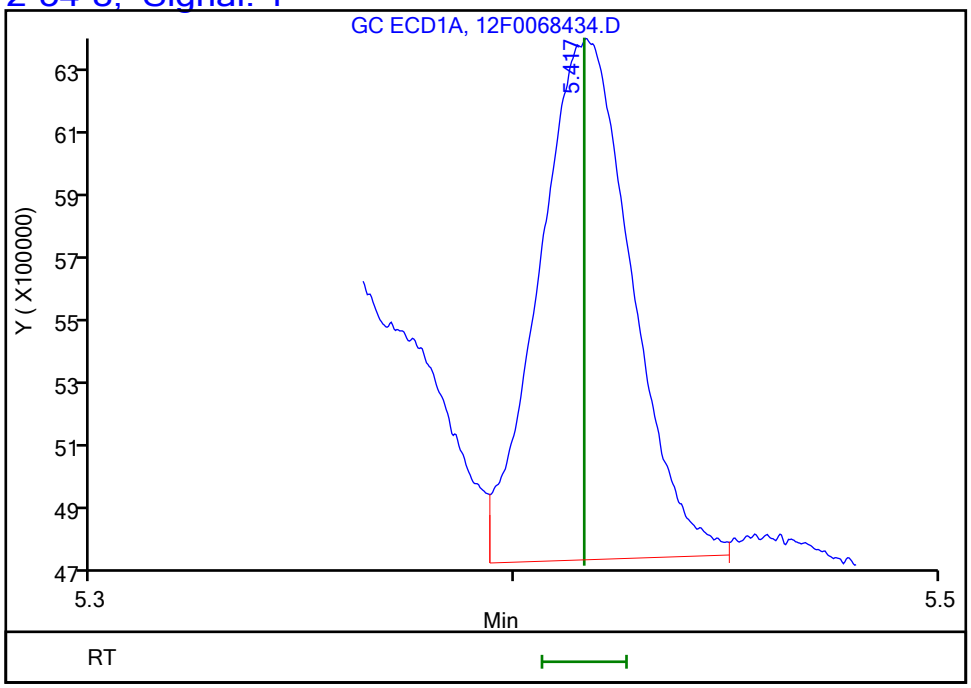
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

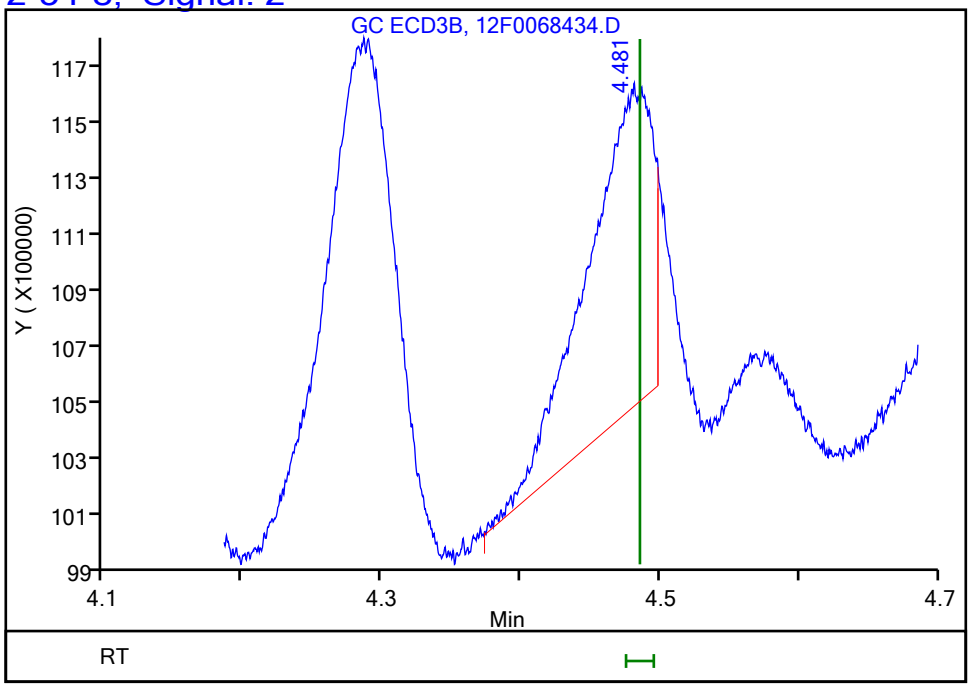
RT: 5.42
Response: 2349099
Amount: 0.926455




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 3753048
Amount: 0.593579




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

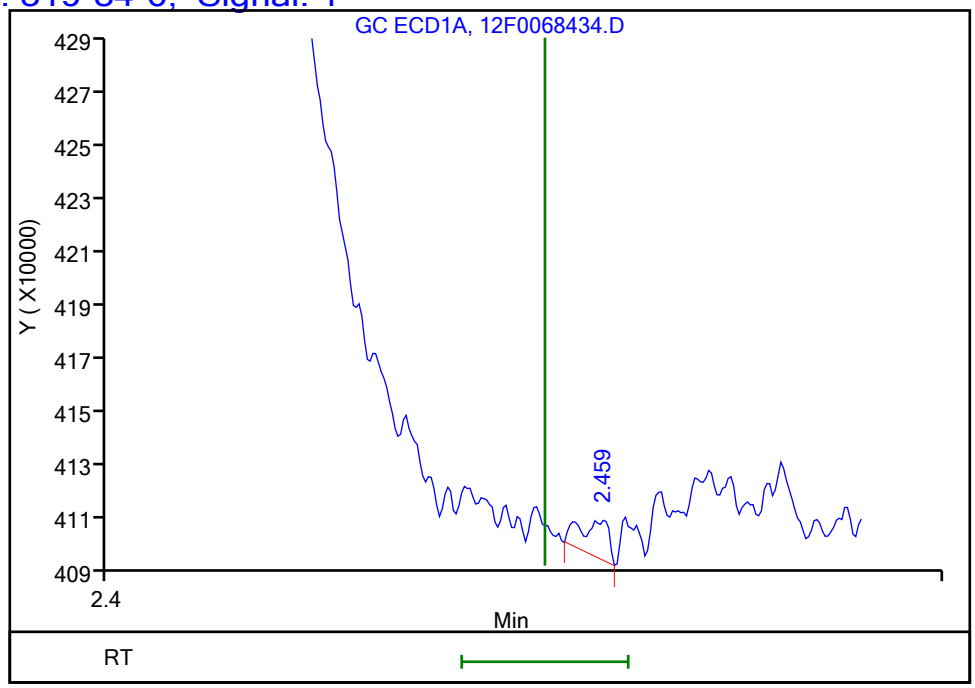
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

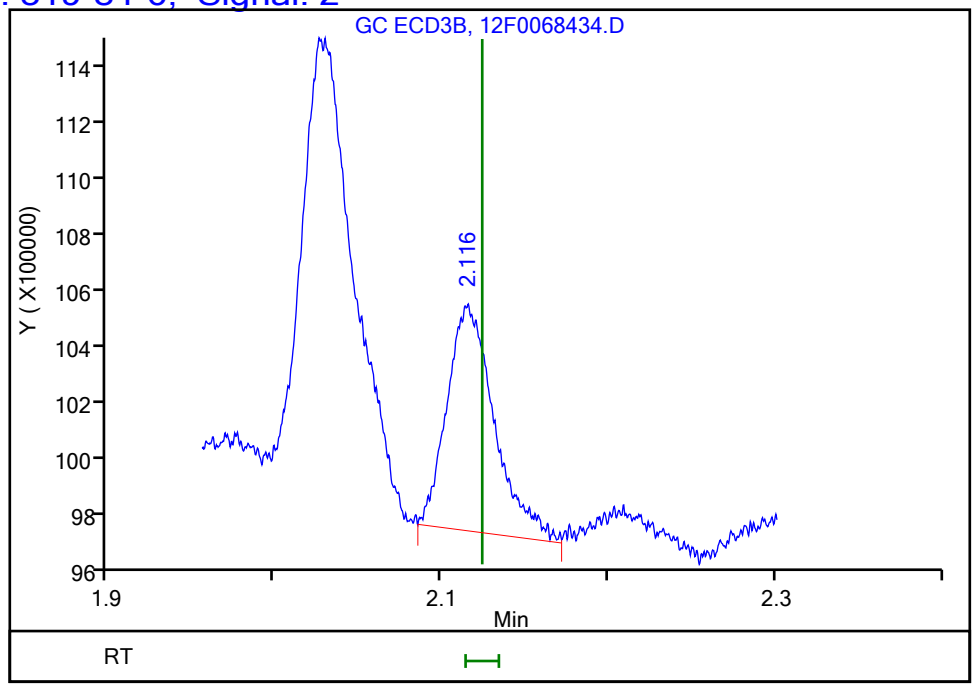
RT: 2.46
Response: 3180
Amount: 0.000837




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 1544519
Amount: 0.123304




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

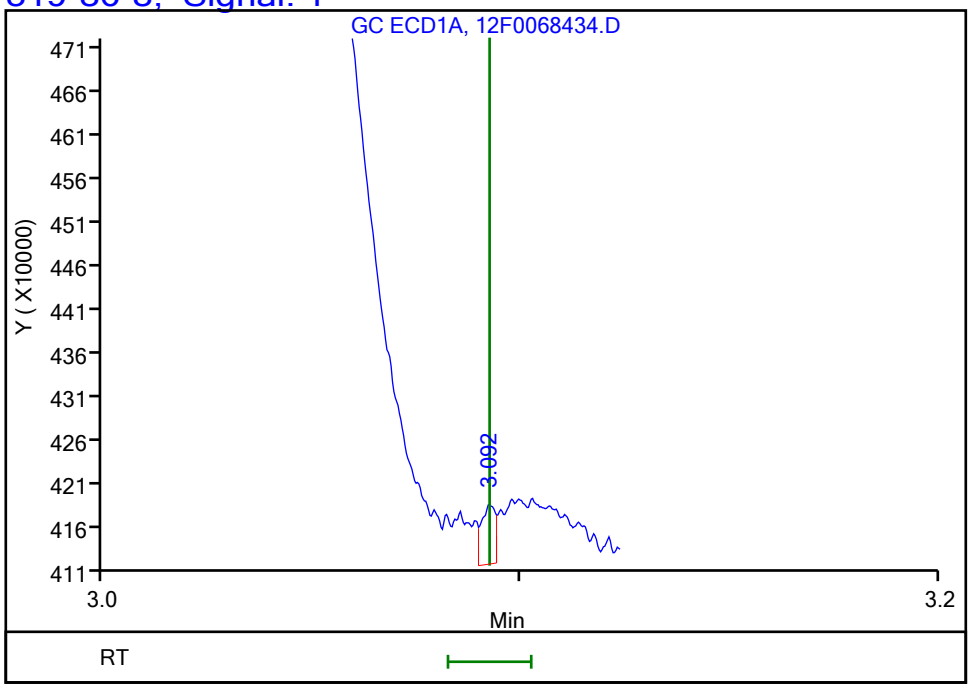
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

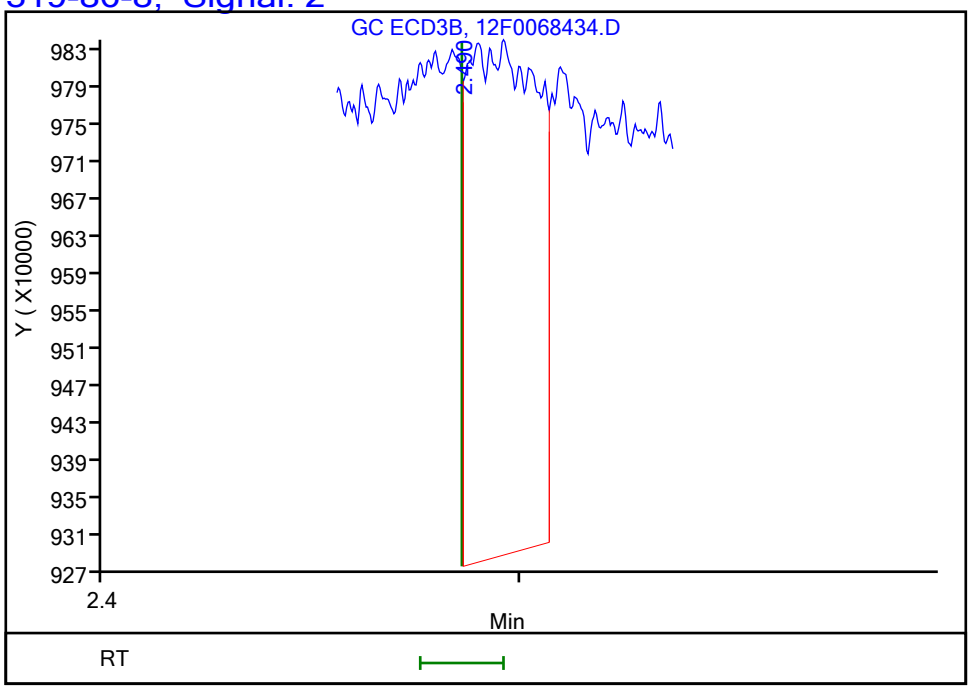
RT: 3.09
Response: 15188
Amount: 0.004776




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.49
Response: 638894
Amount: 0.063034




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

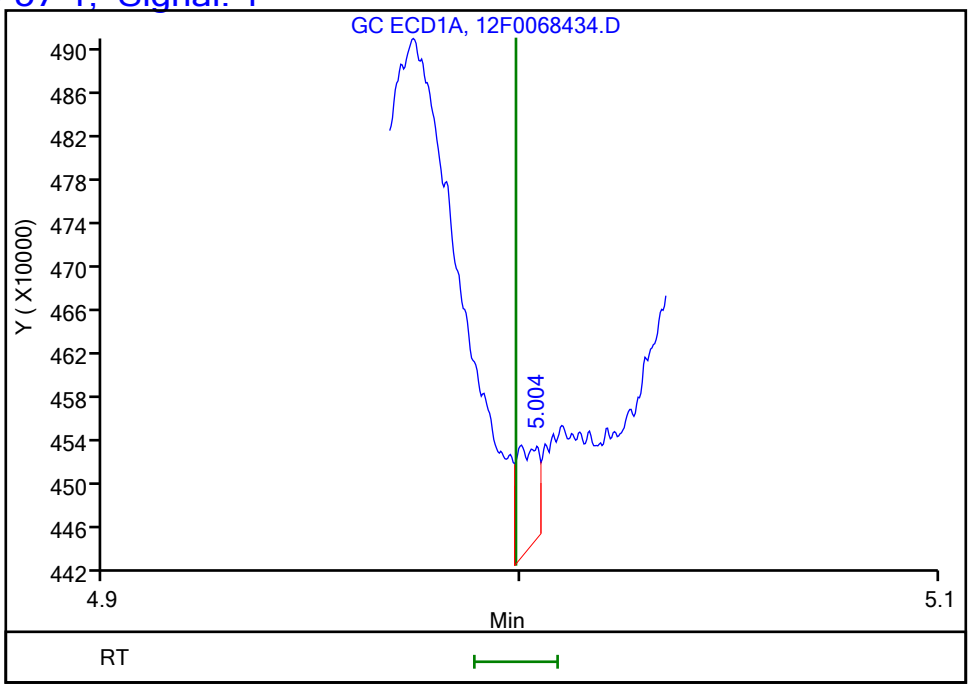
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

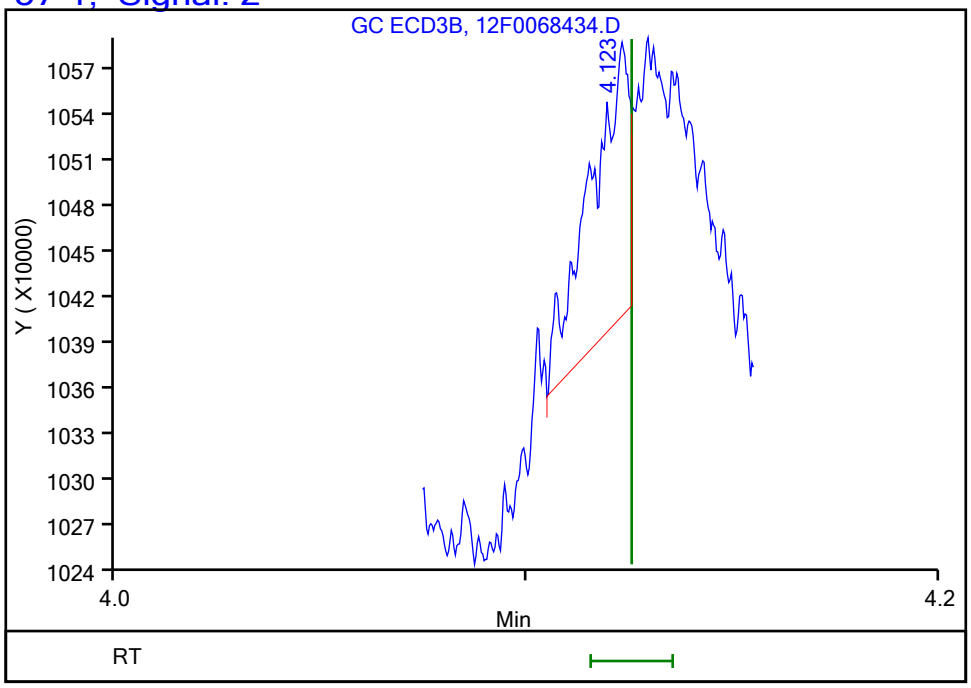
RT: 5.00
Response: 33798
Amount: 0.011743




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12
Response: 118661
Amount: 0.013019




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

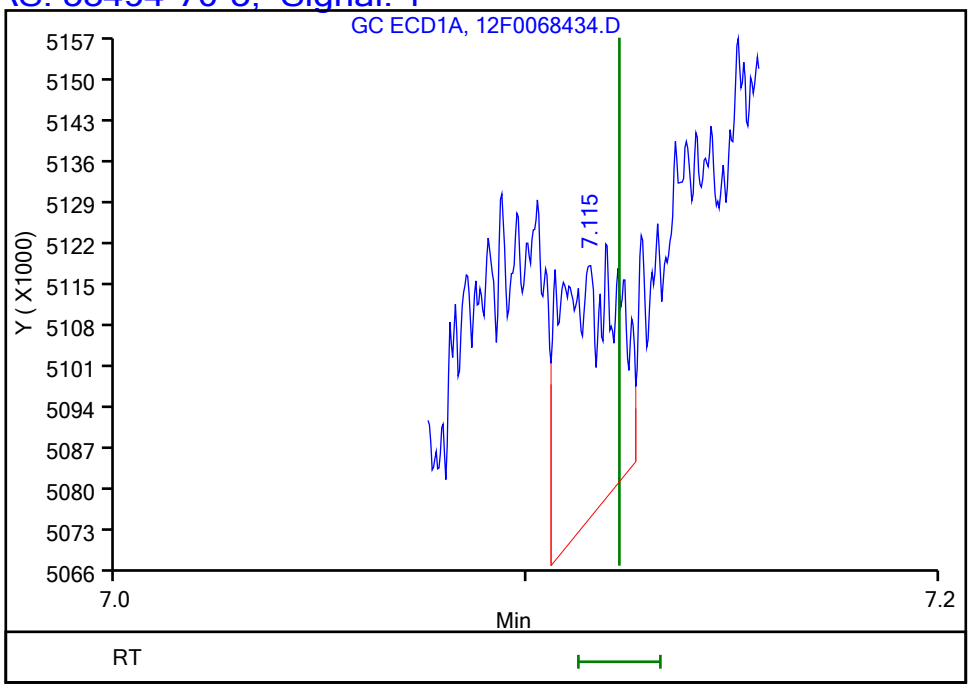
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

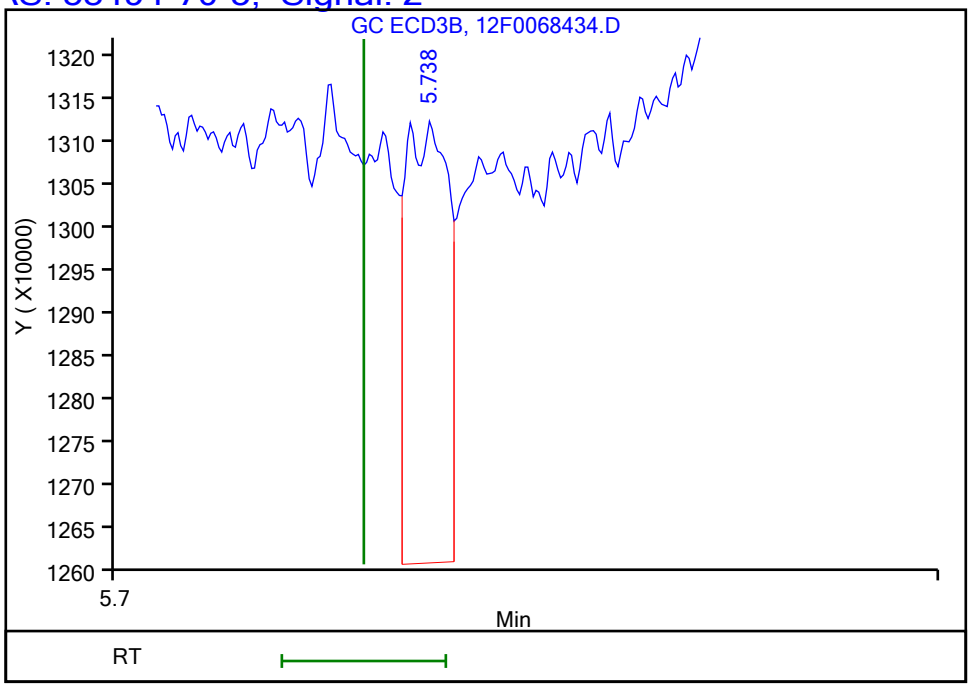
RT: 7.12
Response: 43904
Amount: 0.017680




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.74
Response: 179531
Amount: 0.022021




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

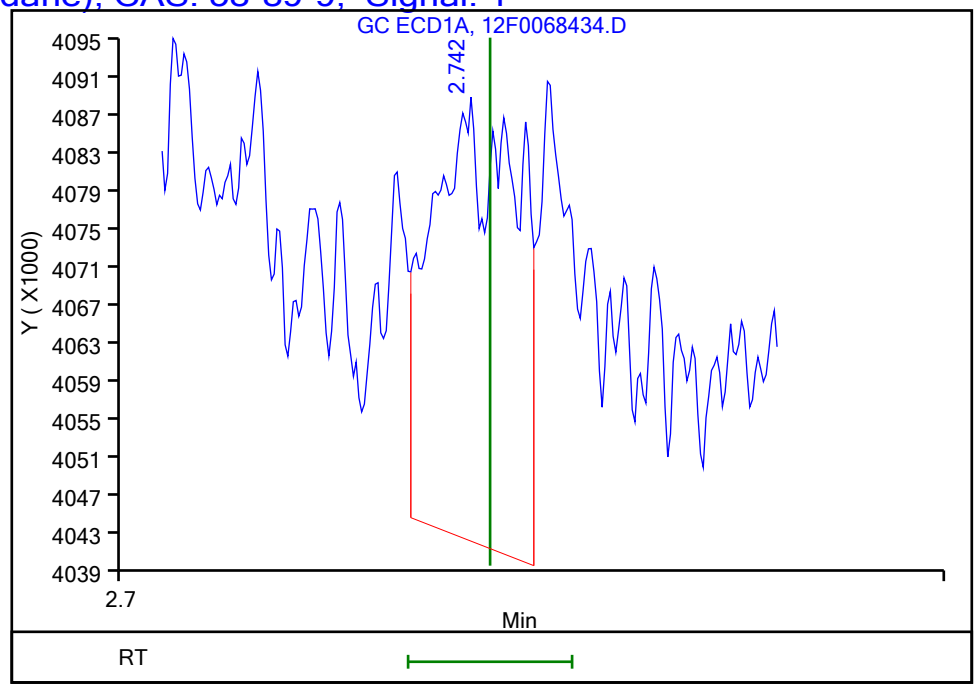
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

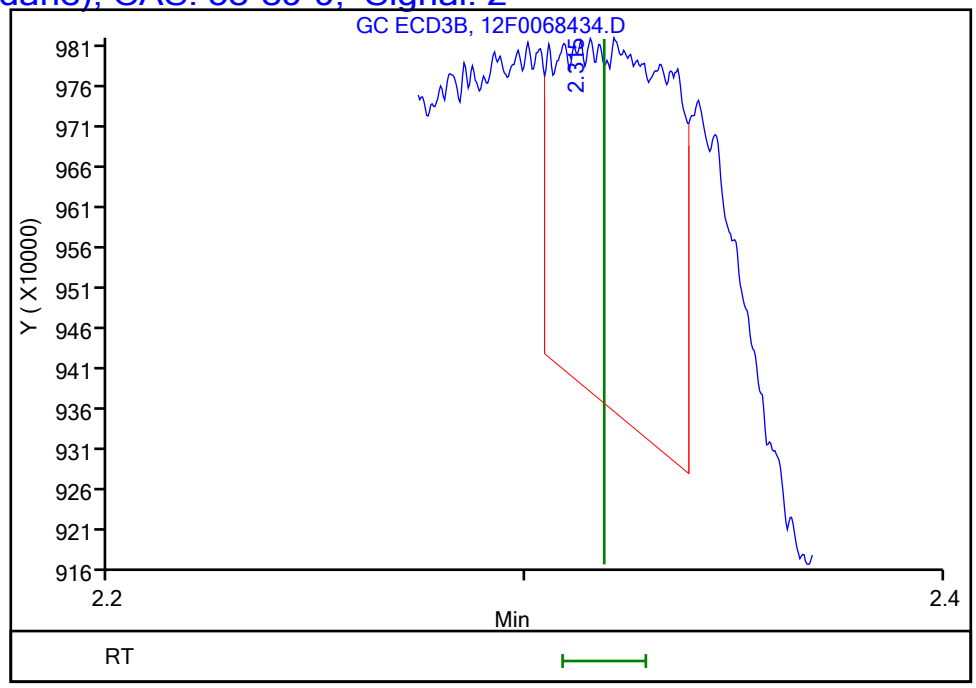
RT: 2.74
Response: 33254
Amount: 0.010141




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.32
Response: 894685
Amount: 0.069172




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

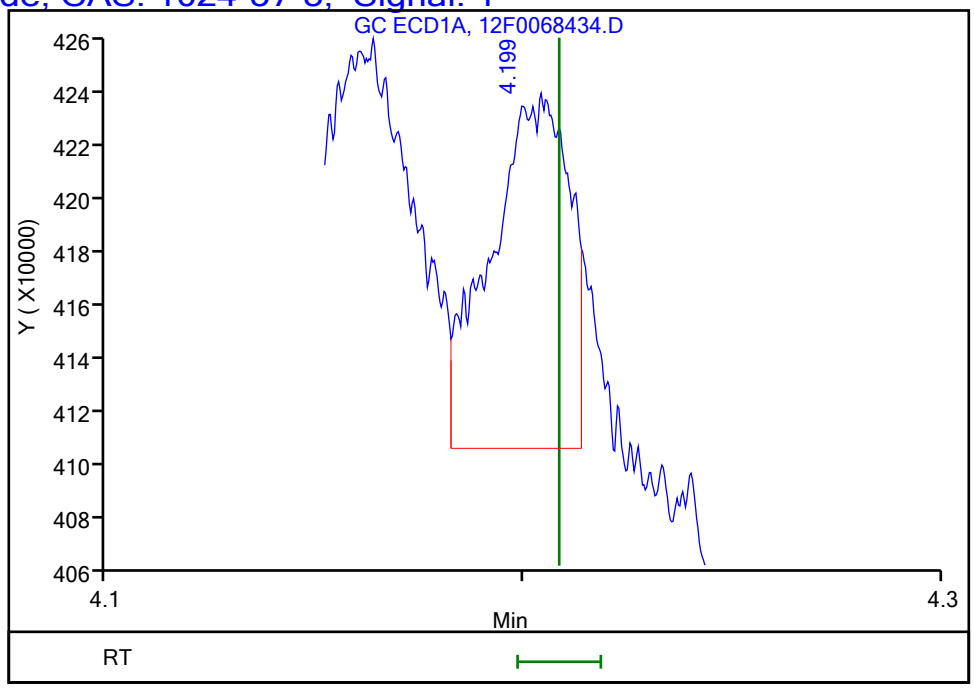
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

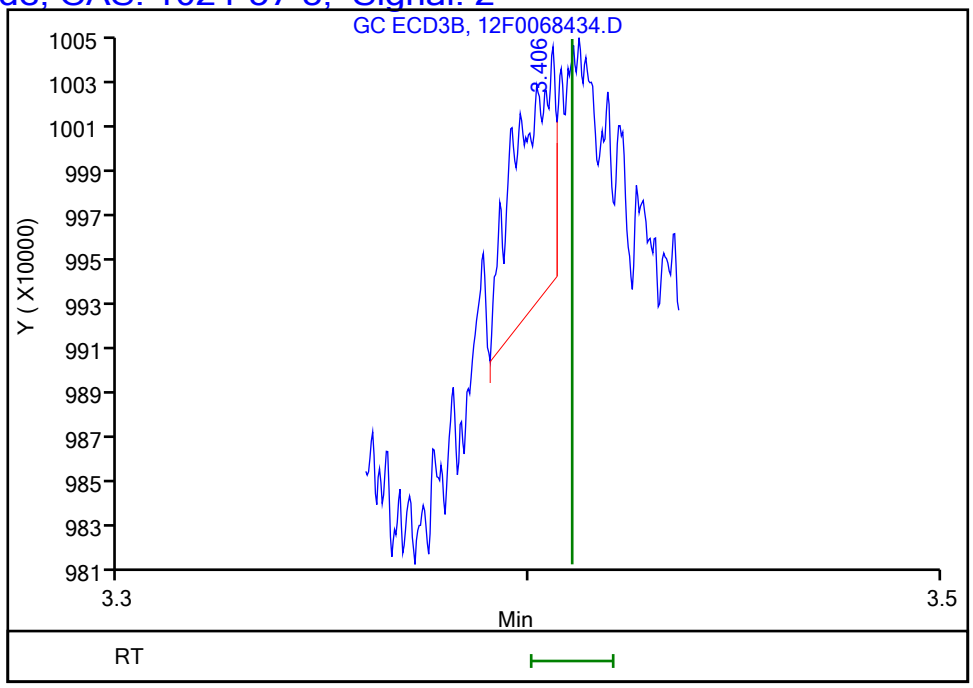
RT: 4.20
Response: 165935
Amount: 0.062122




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41
Response: 71254
Amount: 0.008227




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: 12F0068434.D

Analysis Method: 8081B | Date Collected: 02/05/2025 08:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 06:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 |
| 309-00-2 | Aldrin | 0.0067 | U | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00075 |
| 12789-03-6 | Chlordane (technical) | 0.067 | U | 0.067 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00087 |
| 959-98-8 | Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 |
| 72-20-8 | Endrin | 0.0067 | U | 0.0067 | 0.00096 |
| 7421-93-4 | Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.0067 | U | 0.0067 | 0.00079 |
| 1024-57-3 | Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 |
| 8001-35-2 | Toxaphene | 0.067 | U | 0.067 | 0.024 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 45 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 44 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Lims ID: 460-319954-E-1-B
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 06:12:12 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-020
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 06:36:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 224482808 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 671263563 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 69992667 | 24.6 | |
| 2 | 1.807 | 1.809 | -0.002 | 194712094 | 21.9 | |
| | | | | | RPD = 11.37 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.761 | 5.763 | -0.002 | 15514169 | 7.67 | |
| 2 | 4.801 | 4.800 | 0.001 | 40985695 | 6.65 | |
| | | | | | RPD = 14.33 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 67776162 | 30.4 | |
| 2 | 7.327 | 7.328 | -0.001 | 224524738 | 22.7 | |
| | | | | | RPD = 28.67 | |

## QC Flag Legend
Processing Flags

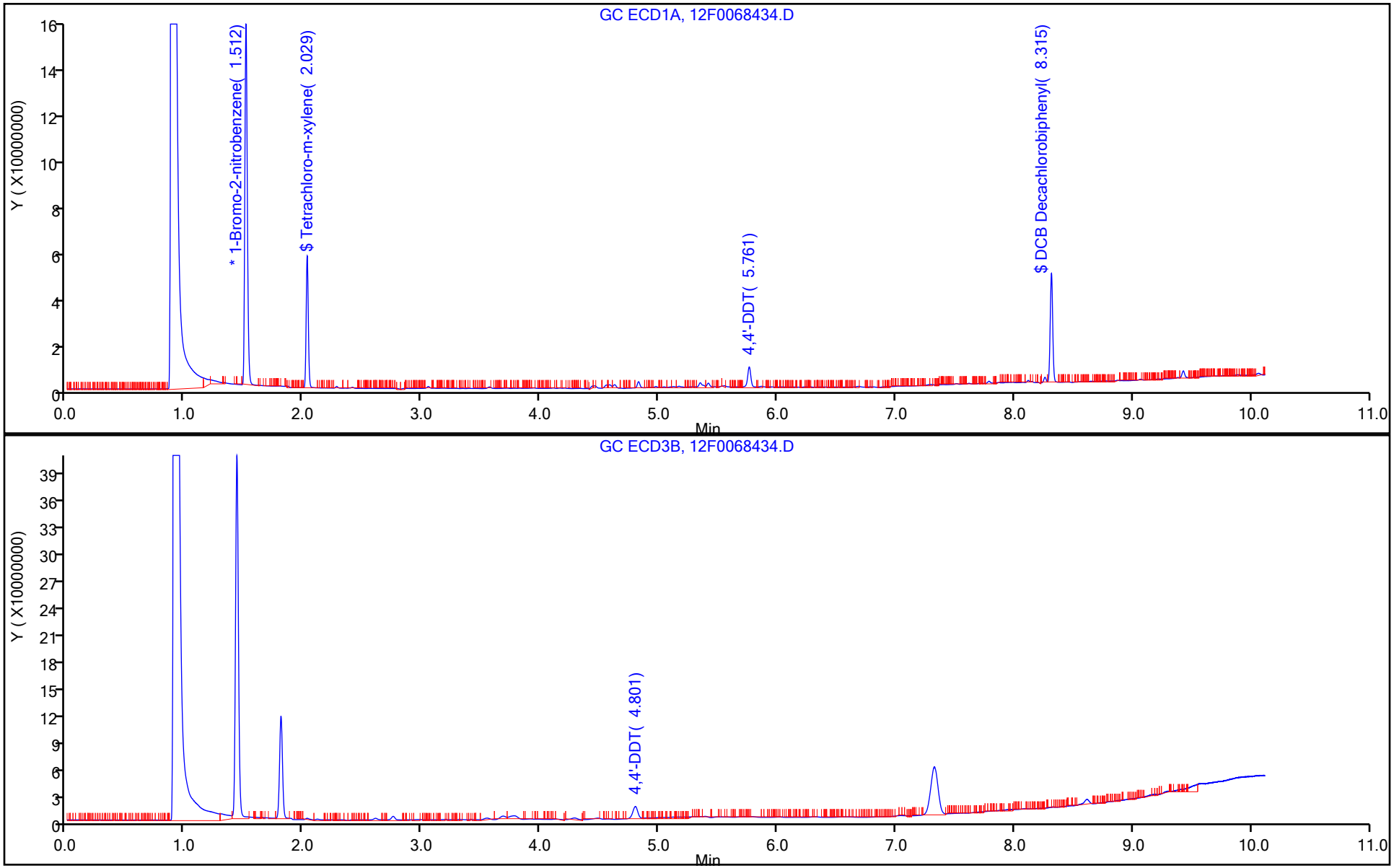
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:29:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:12:12 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-1-B | Lab Sample ID: | 460-319954-1 | Worklist Smp#: | 20 |
| Client ID: | RX-21-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D | | | | |
| Lims ID: | 460-319954-E-1-B | | | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:12:12 | ALS Bottle#: | 20 | Worklist Smp#: | 20 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-020 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 06:36:24 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 24.6 | 49.16 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.4 | 60.71 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 21.9 | 43.87 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 22.7 | 45.49 |

User Disabled Compound Report

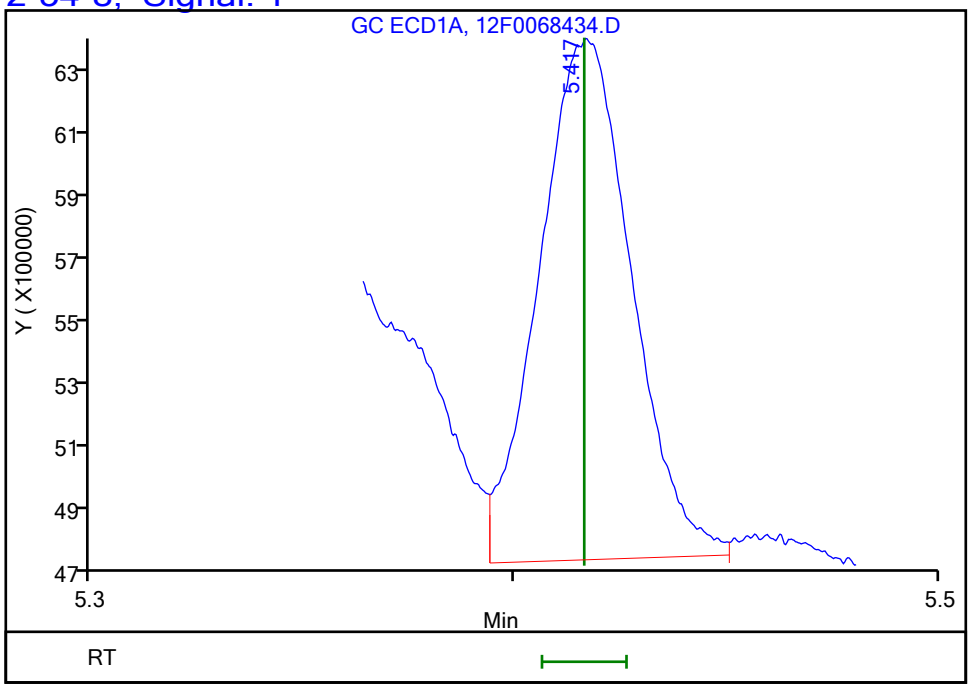
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

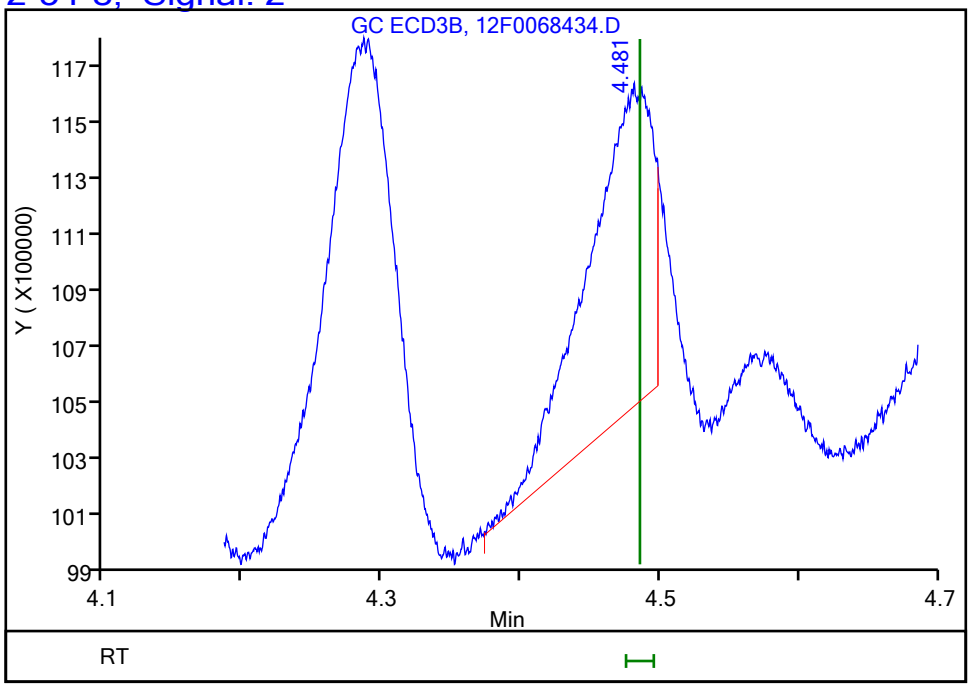
RT: 5.42
Response: 2349099
Amount: 0.926455




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 3753048
Amount: 0.593579




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

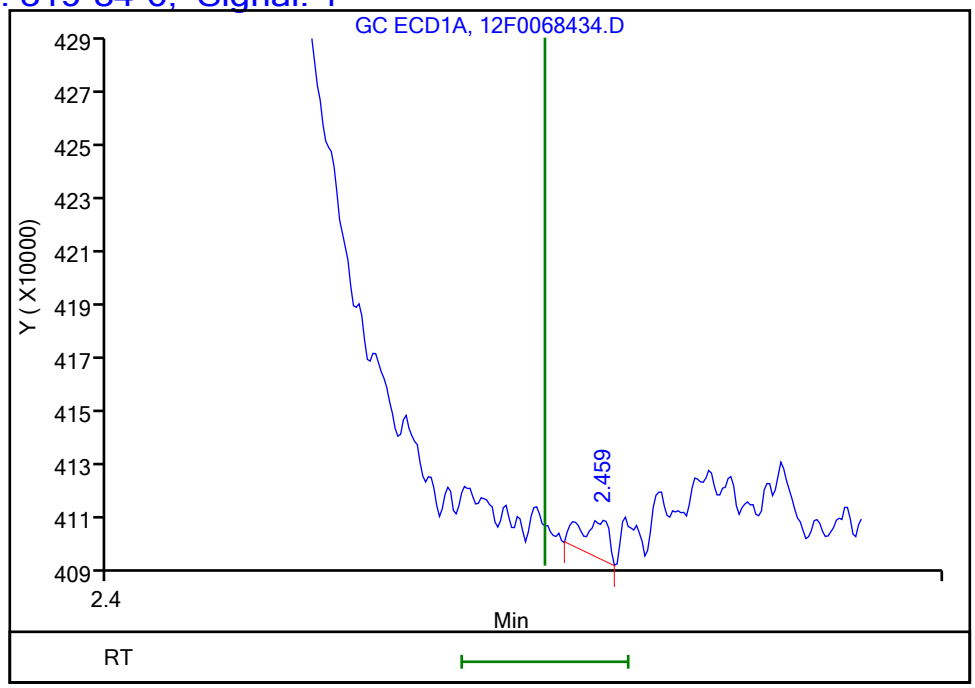
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

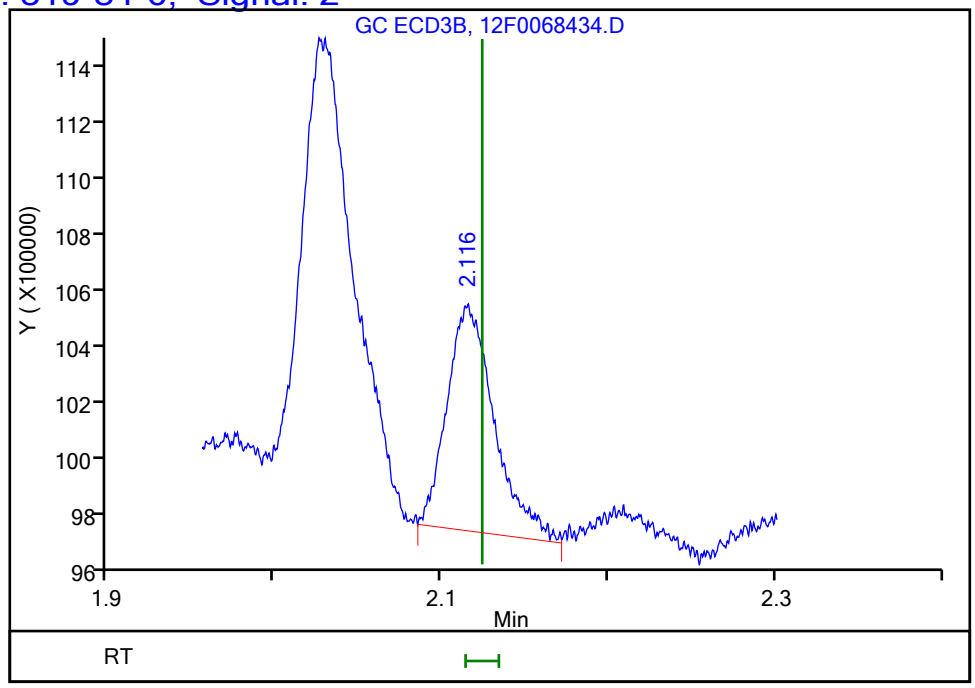
RT: 2.46
Response: 3180
Amount: 0.000837




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 1544519
Amount: 0.123304




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

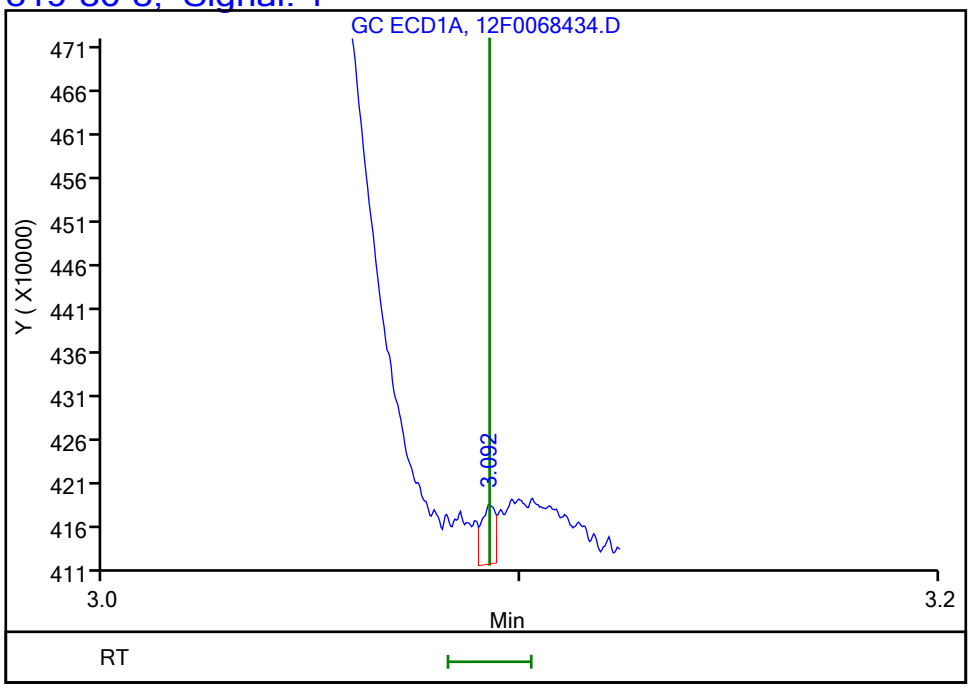
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

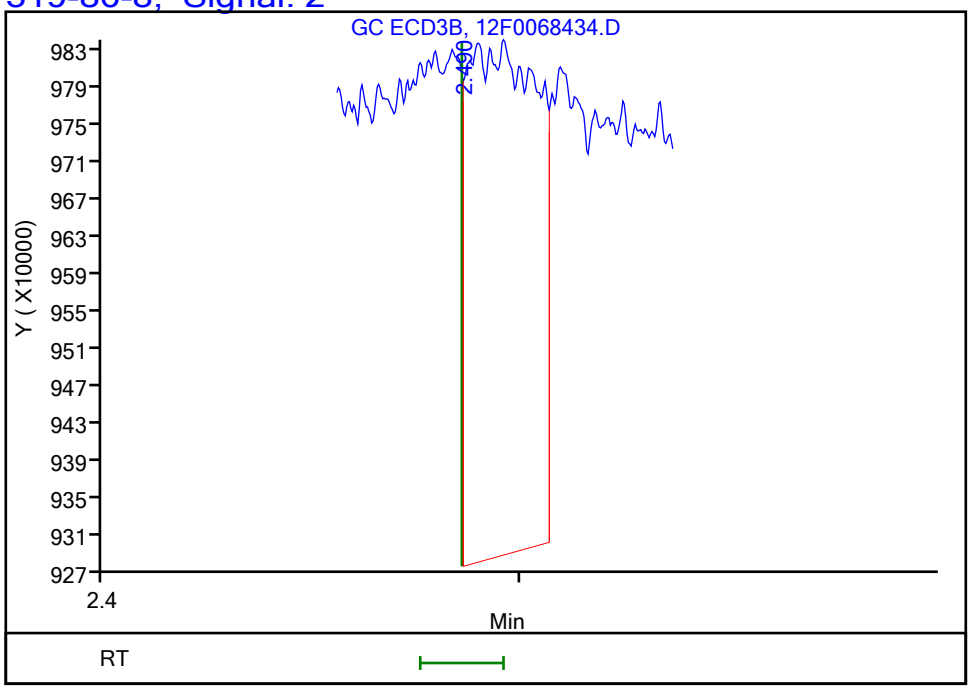
RT: 3.09
Response: 15188
Amount: 0.004776




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.49
Response: 638894
Amount: 0.063034




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

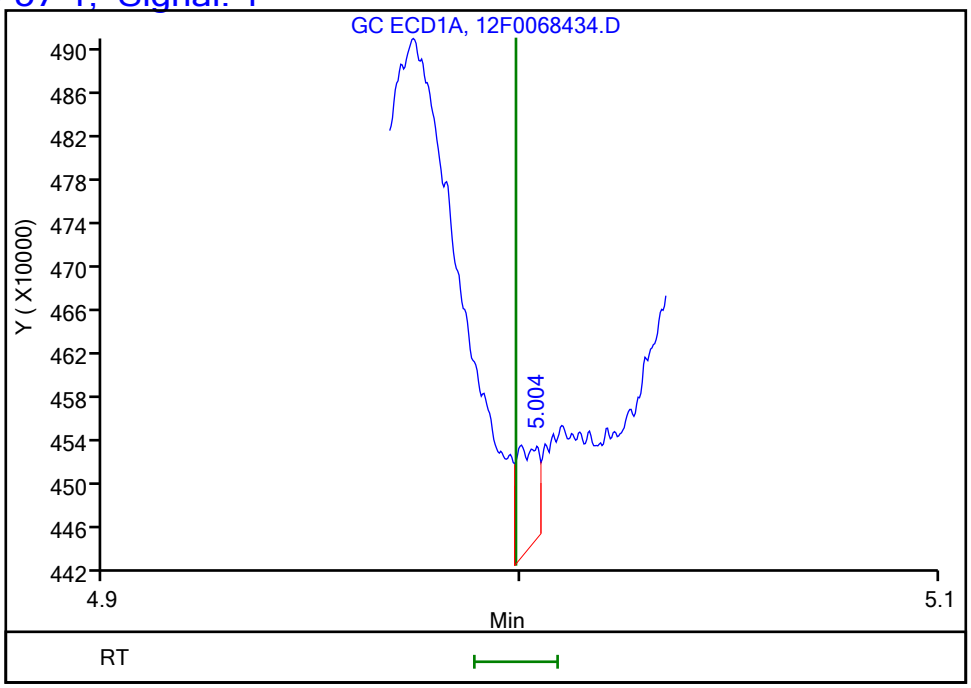
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

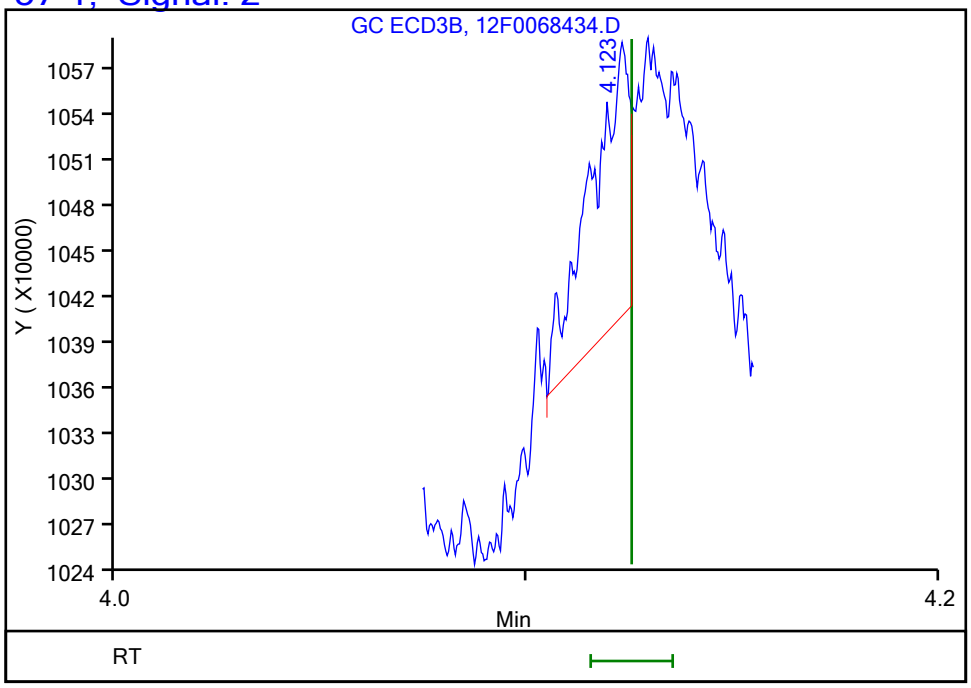
RT: 5.00
Response: 33798
Amount: 0.011743




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12
Response: 118661
Amount: 0.013019




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

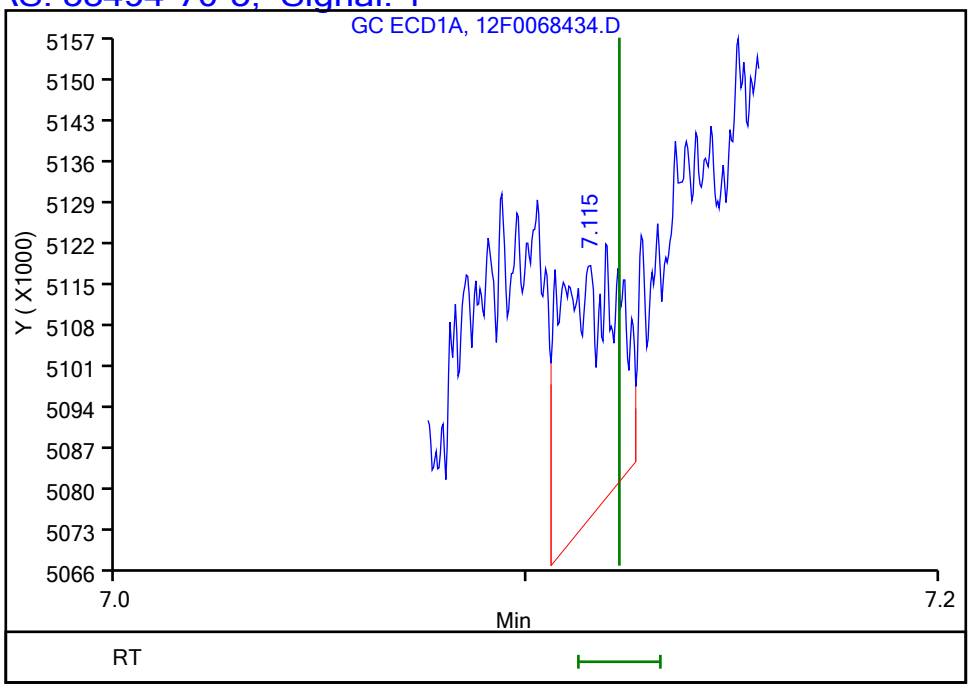
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

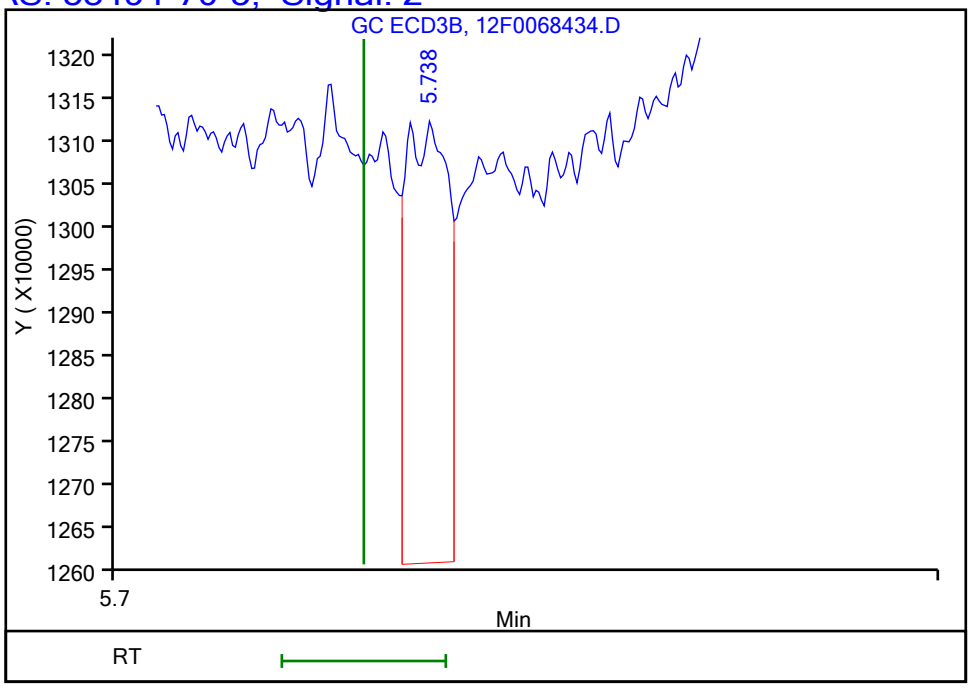
RT: 7.12
Response: 43904
Amount: 0.017680




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.74
Response: 179531
Amount: 0.022021




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

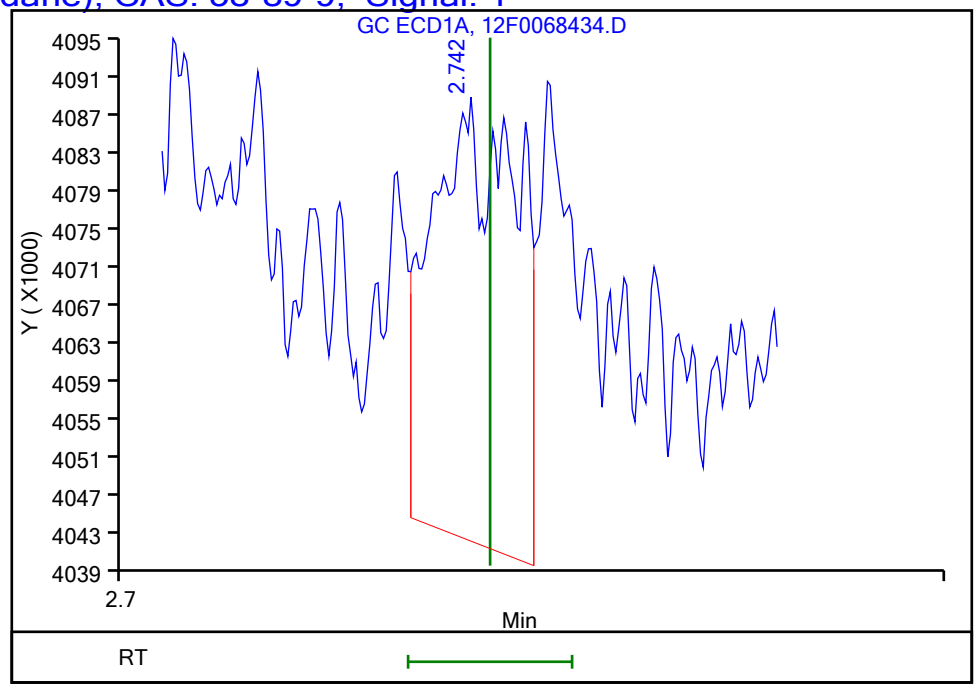
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

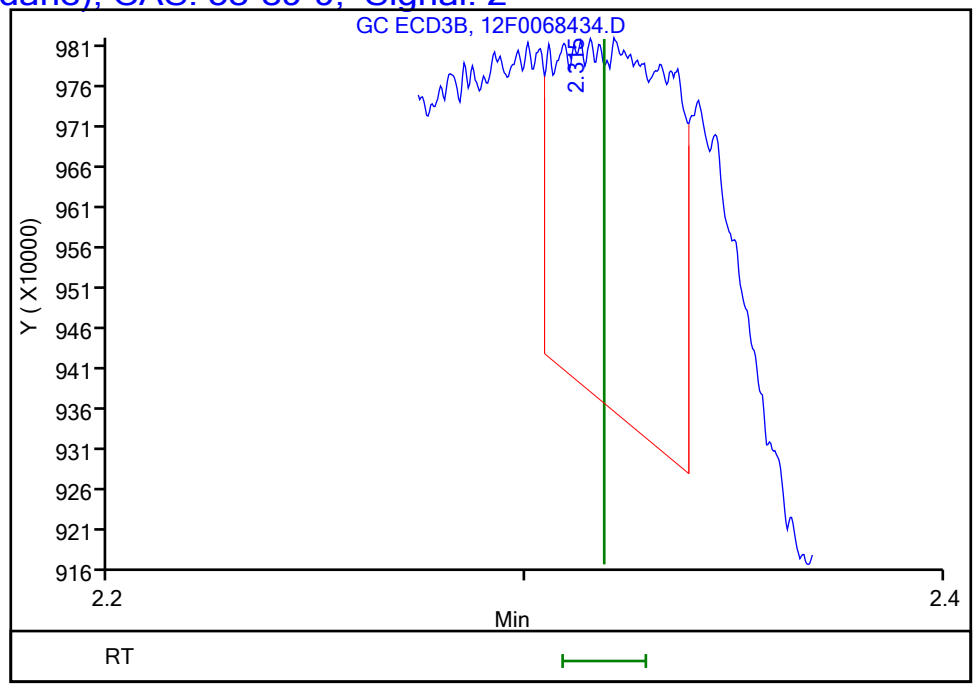
RT: 2.74
Response: 33254
Amount: 0.010141




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.32
Response: 894685
Amount: 0.069172




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

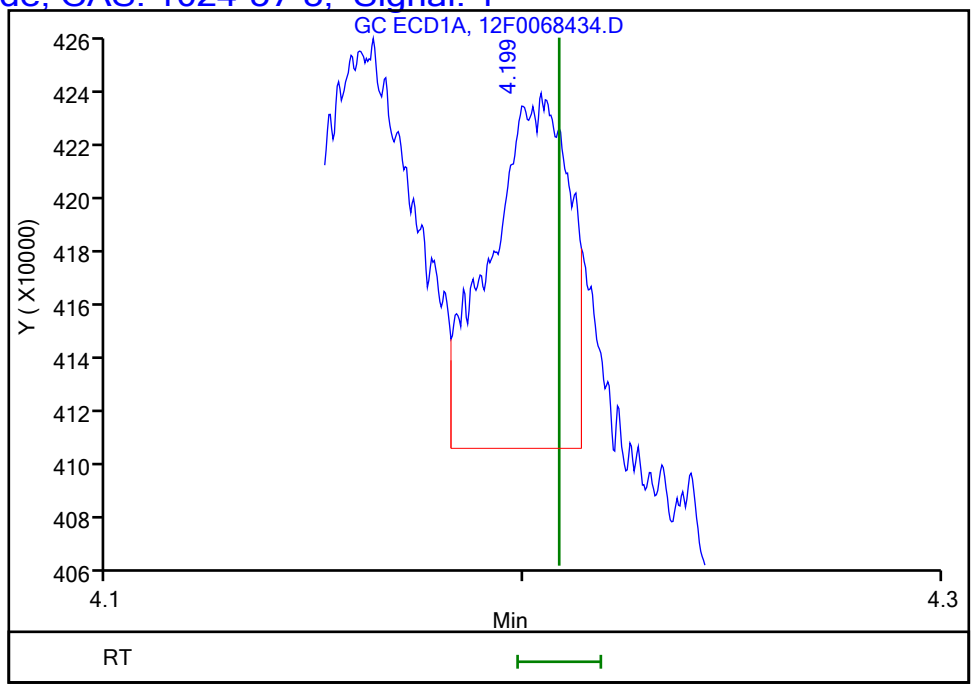
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068434.D
Injection Date: 07-Feb-2025 06:12:12 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-1-B Lab Sample ID: 460-319954-1
Client ID: RX-21-01_0-2
Operator ID: ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

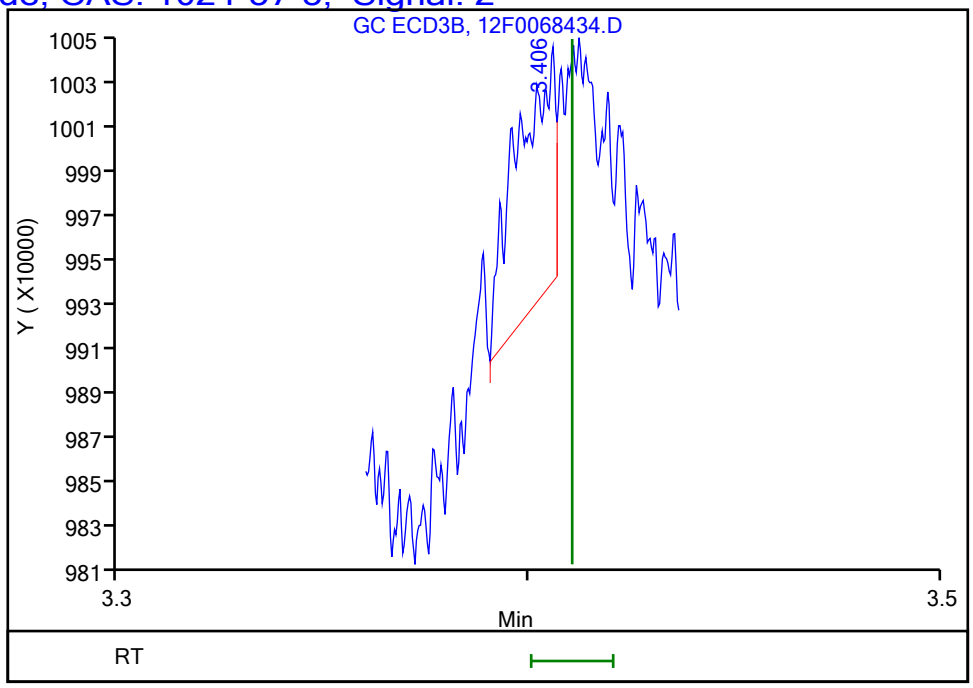
RT: 4.20
Response: 165935
Amount: 0.062122




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41
Response: 71254
Amount: 0.008227




Reviewer: ESS0, 07-Feb-2025 06:36:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: 12F0068435.D

Analysis Method: 8081B | Date Collected: 02/05/2025 09:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 06:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 50-29-3 | 4,4'-DDT | 0.0034 | J | 0.0067 | 0.0012 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 69 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 58 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D
Lims ID: 460-319954-E-2-B
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 06:24:37 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-021
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 219001652 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 647434680 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 80551600 | 29.0 | |
| 2 | 1.807 | 1.809 | -0.002 | 224714393 | 26.2 | |
| | | | | | RPD = 9.95 | |
| 25 4,4'-DDE | | | | | | |
| 1 | 4.827 | 4.828 | -0.001 | 5747228 | 2.02 | |
| 2 | 3.783 | 3.789 | -0.006 | 22694698 | 2.33 | |
| | | | | | RPD = 13.99 | |
| 16 4,4'-DDD | | | | | | |
| 1 | 5.416 | 5.416 | 0.000 | 4455538 | 1.80 | |
| 2 | 4.483 | 4.485 | -0.002 | 8349730 | 1.37 | |
| | | | | | RPD = 27.25 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.762 | 5.763 | -0.001 | 10027412 | 5.08 | |
| 2 | 4.799 | 4.800 | -0.001 | 24031131 | 4.04 | |
| | | | | | RPD = 22.86 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.310 | 8.316 | -0.006 | 75088241 | 34.5 | |
| 2 | 7.325 | 7.328 | -0.003 | 261506838 | 27.5 | |
| | | | | | RPD = 22.63 | |

## Reagents:

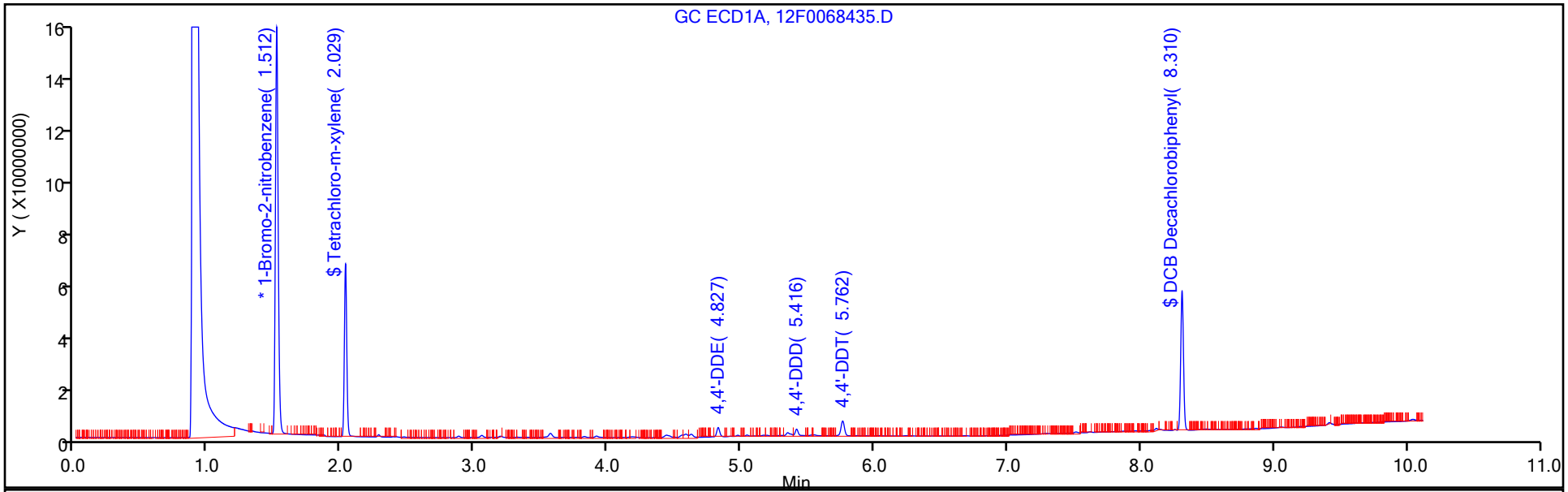
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

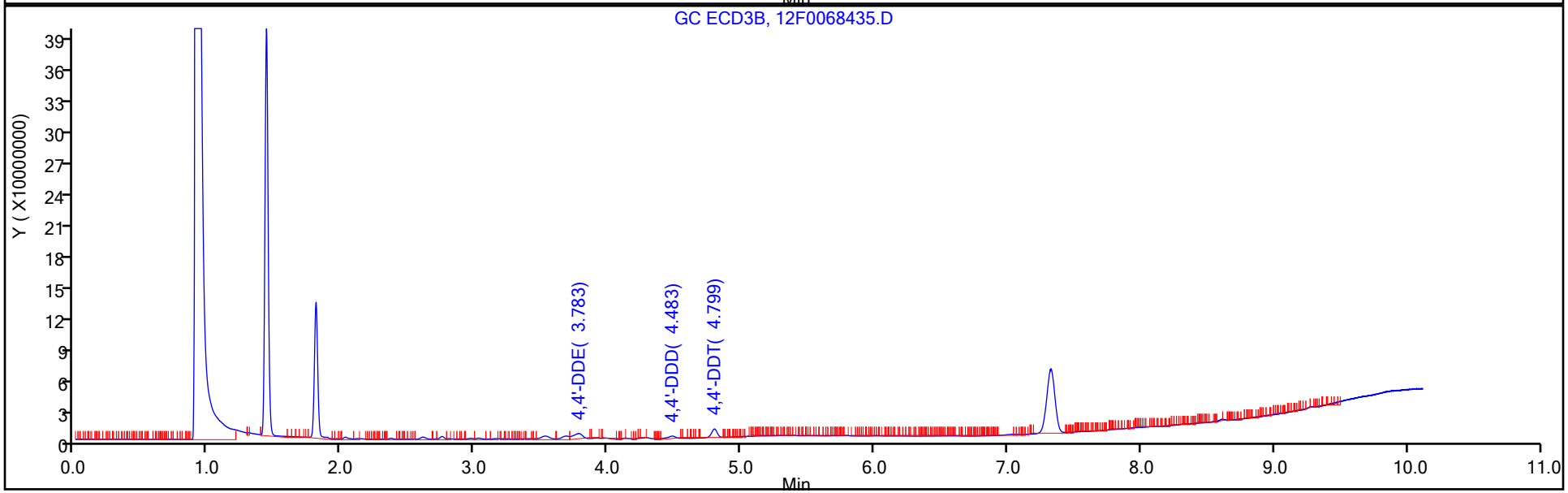
Report Date: 07-Feb-2025 07:29:39 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:24:37 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-2-B | Lab Sample ID: | 460-319954-2 | Worklist Smp#: | 21 |
| Client ID: | RX-18-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D | | | | |
| Lims ID: | 460-319954-E-2-B | | | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:24:37 | ALS Bottle#: | 21 | Worklist Smp#: | 21 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-021 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 29.0 | 57.99 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.5 | 68.94 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 26.2 | 52.49 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 27.5 | 54.93 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: 12F0068435.D

Analysis Method: 8081B | Date Collected: 02/05/2025 09:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 06:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.0016 | J | 0.0067 | 0.00080 |
| 309-00-2 | Aldrin | 0.0067 | U | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00076 |
| 12789-03-6 | Chlordane (technical) | 0.067 | U | 0.067 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00088 |
| 959-98-8 | Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00085 |
| 72-20-8 | Endrin | 0.0067 | U | 0.0067 | 0.00097 |
| 7421-93-4 | Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.0067 | U | 0.0067 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 |
| 8001-35-2 | Toxaphene | 0.067 | U | 0.067 | 0.024 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 55 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 52 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D
Lims ID: 460-319954-E-2-B
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 06:24:37 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-021
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 219001652 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 647434680 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 80551600 | 29.0 | |
| 2 | 1.807 | 1.809 | -0.002 | 224714393 | 26.2 | |
| | | | | | RPD = 9.95 | |
| 25 4,4'-DDE | | | | | | |
| 1 | 4.827 | 4.828 | -0.001 | 5747228 | 2.02 | |
| 2 | 3.783 | 3.789 | -0.006 | 22694698 | 2.33 | |
| | | | | | RPD = 13.99 | |
| 16 4,4'-DDD | | | | | | |
| 1 | 5.416 | 5.416 | 0.000 | 4455538 | 1.80 | |
| 2 | 4.483 | 4.485 | -0.002 | 8349730 | 1.37 | |
| | | | | | RPD = 27.25 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.762 | 5.763 | -0.001 | 10027412 | 5.08 | |
| 2 | 4.799 | 4.800 | -0.001 | 24031131 | 4.04 | |
| | | | | | RPD = 22.86 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.310 | 8.316 | -0.006 | 75088241 | 34.5 | |
| 2 | 7.325 | 7.328 | -0.003 | 261506838 | 27.5 | |
| | | | | | RPD = 22.63 | |

## Reagents:

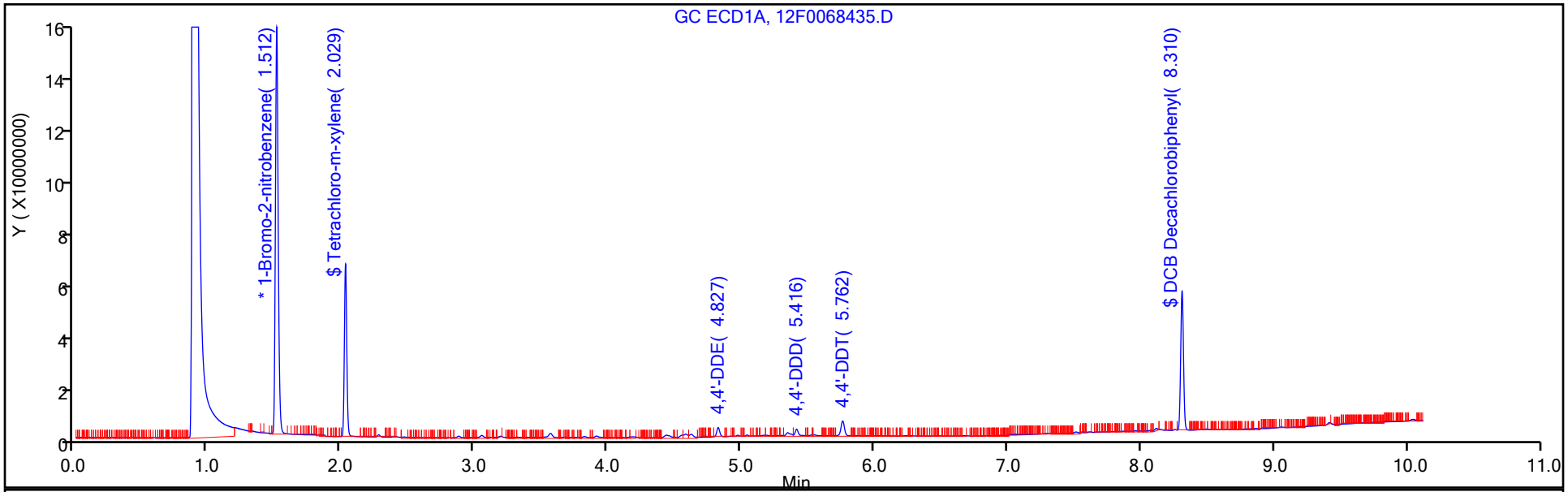
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

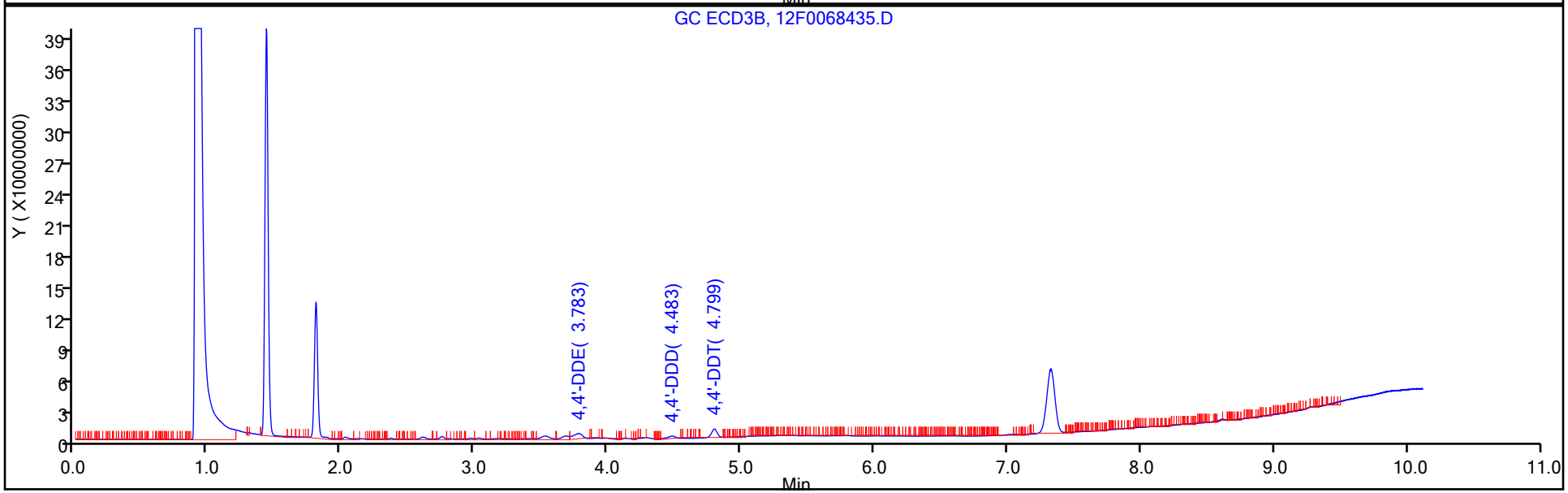
Report Date: 07-Feb-2025 07:29:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:24:37 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-2-B | Lab Sample ID: | 460-319954-2 | Worklist Smp#: | 21 |
| Client ID: | RX-18-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068435.D | | | | |
| Lims ID: | 460-319954-E-2-B | | | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:24:37 | ALS Bottle#: | 21 | Worklist Smp#: | 21 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-021 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 29.0 | 57.99 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.5 | 68.94 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 26.2 | 52.49 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 27.5 | 54.93 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: 12F0068436.D

Analysis Method: 8081B | Date Collected: 02/05/2025 11:10

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.07(g) | Date Analyzed: 02/07/2025 06:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 75 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 62 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D
Lims ID: 460-319954-E-3-B
Client ID: RX-20-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 06:36:56 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-022
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 232520212 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 676512966 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.028 | 2.030 | -0.002 | 92148932 | 31.2 | |
| 2 | 1.808 | 1.809 | -0.001 | 250724722 | 28.0 | |
| | | | | | RPD = 10.85 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.761 | 5.763 | -0.002 | 1615707 | 0.7715 | |
| 2 | 4.801 | 4.800 | 0.001 | 3270421 | 0.5263 | |
| | | | | | RPD = 37.79 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.310 | 8.316 | -0.006 | 86224654 | 37.3 | |
| 2 | 7.328 | 7.328 | 0.000 | 298070839 | 30.0 | |
| | | | | | RPD = 21.79 | |

## Reagents:

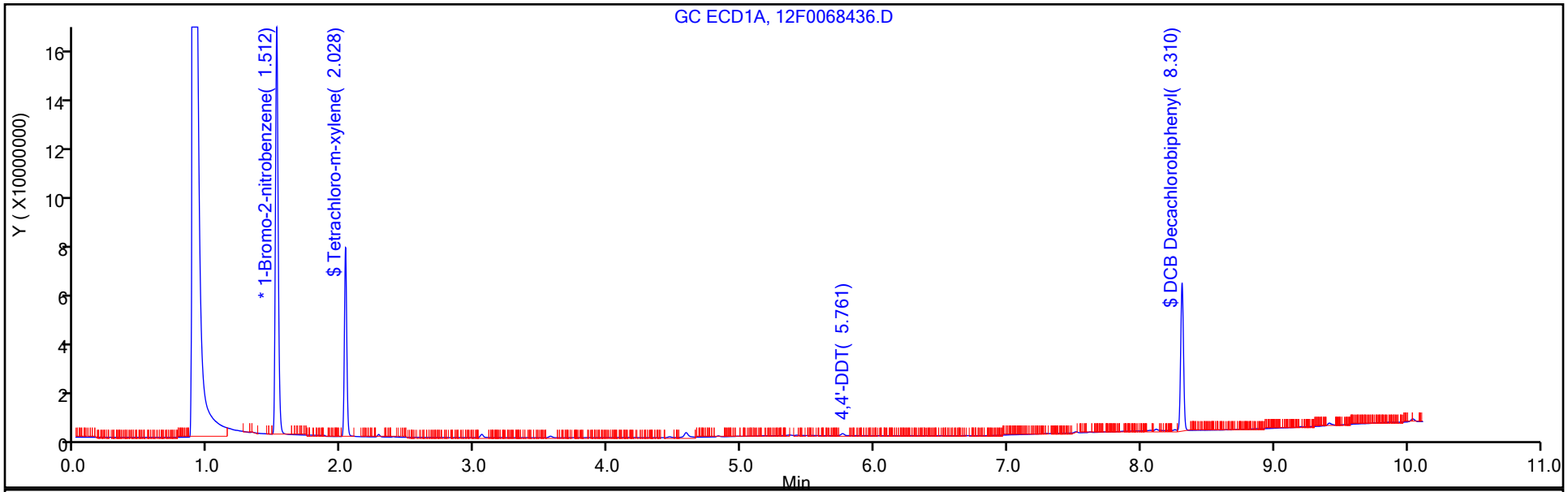
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

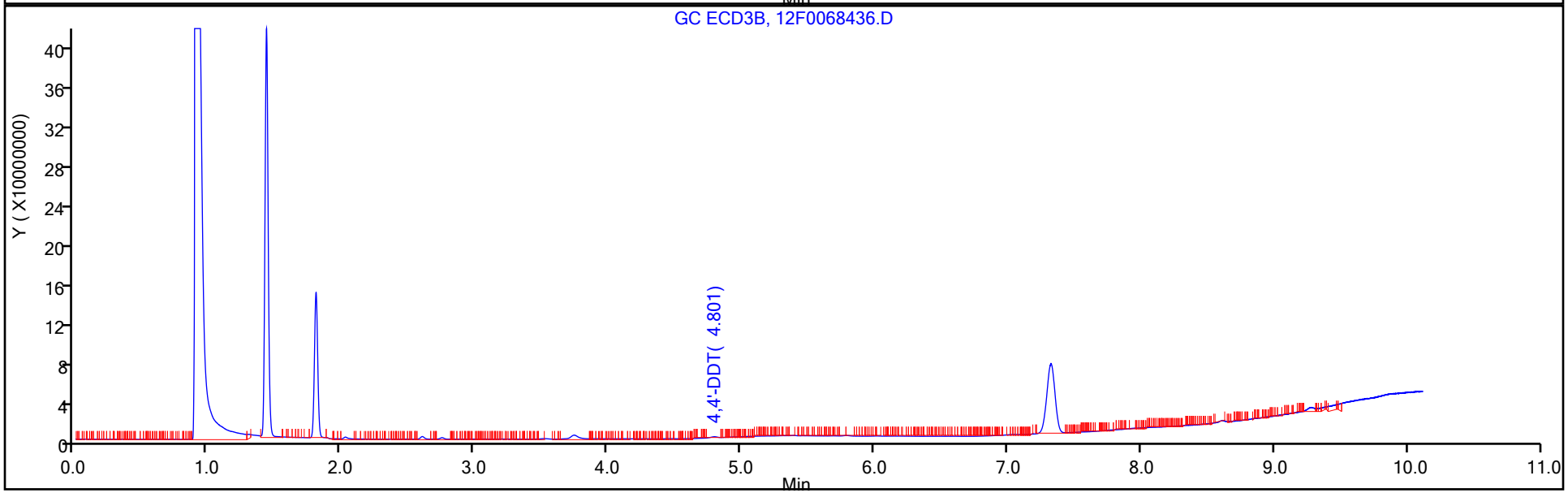
Report Date: 07-Feb-2025 07:29:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:36:56 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-3-B | Lab Sample ID: | 460-319954-3 | Worklist Smp#: | 22 |
| Client ID: | RX-20-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D | | | | |
| Lims ID: | 460-319954-E-3-B | | | | |
| Client ID: | RX-20-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:36:56 | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-022 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.2 | 62.48 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.3 | 74.56 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.0 | 56.05 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.0 | 59.92 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: 12F0068436.D

Analysis Method: 8081B | Date Collected: 02/05/2025 11:10

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.07(g) | Date Analyzed: 02/07/2025 06:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 |
| 50-29-3 | 4,4'-DDT | 0.0067 | U | 0.0067 | 0.0012 |
| 309-00-2 | Aldrin | 0.0067 | U | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00075 |
| 12789-03-6 | Chlordane (technical) | 0.067 | U | 0.067 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00087 |
| 959-98-8 | Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 |
| 72-20-8 | Endrin | 0.0067 | U | 0.0067 | 0.00096 |
| 7421-93-4 | Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.0067 | U | 0.0067 | 0.00079 |
| 1024-57-3 | Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 |
| 8001-35-2 | Toxaphene | 0.067 | U | 0.067 | 0.024 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 60 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 56 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D
Lims ID: 460-319954-E-3-B
Client ID: RX-20-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 06:36:56 ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-022
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 232520212 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 676512966 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.028 | 2.030 | -0.002 | 92148932 | 31.2 | |
| 2 | 1.808 | 1.809 | -0.001 | 250724722 | 28.0 | |
| | | | | | RPD = 10.85 | |
| 21 4,4'-DDT | | | | | | |
| 1 | 5.761 | 5.763 | -0.002 | 1615707 | 0.7715 | |
| 2 | 4.801 | 4.800 | 0.001 | 3270421 | 0.5263 | |
| | | | | | RPD = 37.79 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.310 | 8.316 | -0.006 | 86224654 | 37.3 | |
| 2 | 7.328 | 7.328 | 0.000 | 298070839 | 30.0 | |
| | | | | | RPD = 21.79 | |

## Reagents:

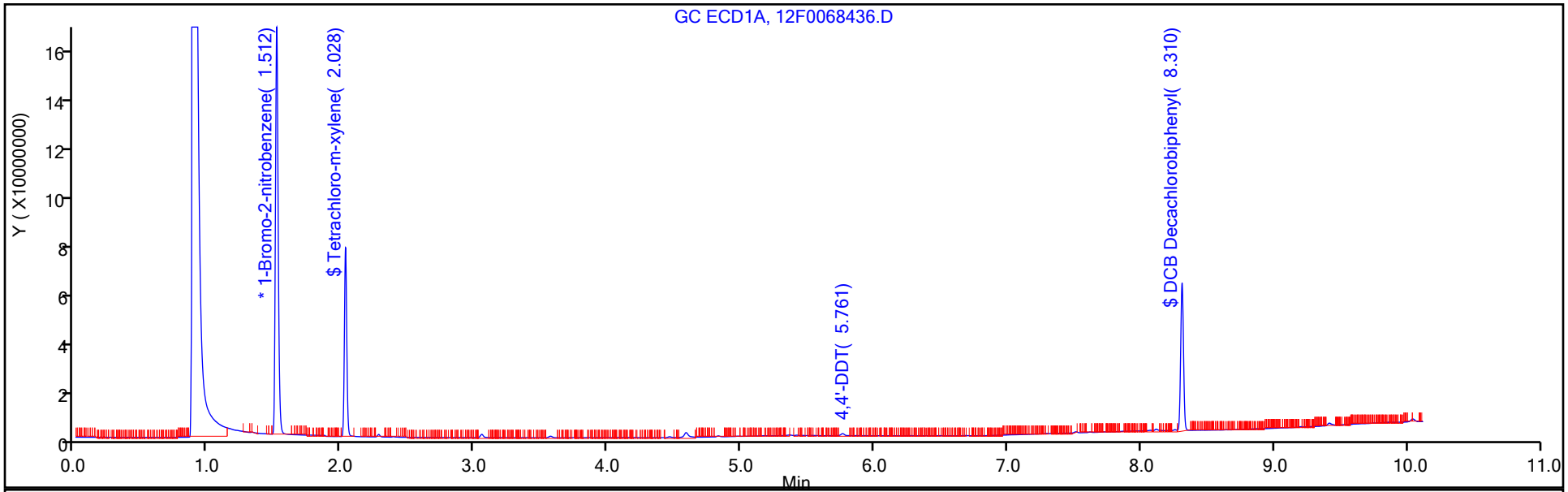
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

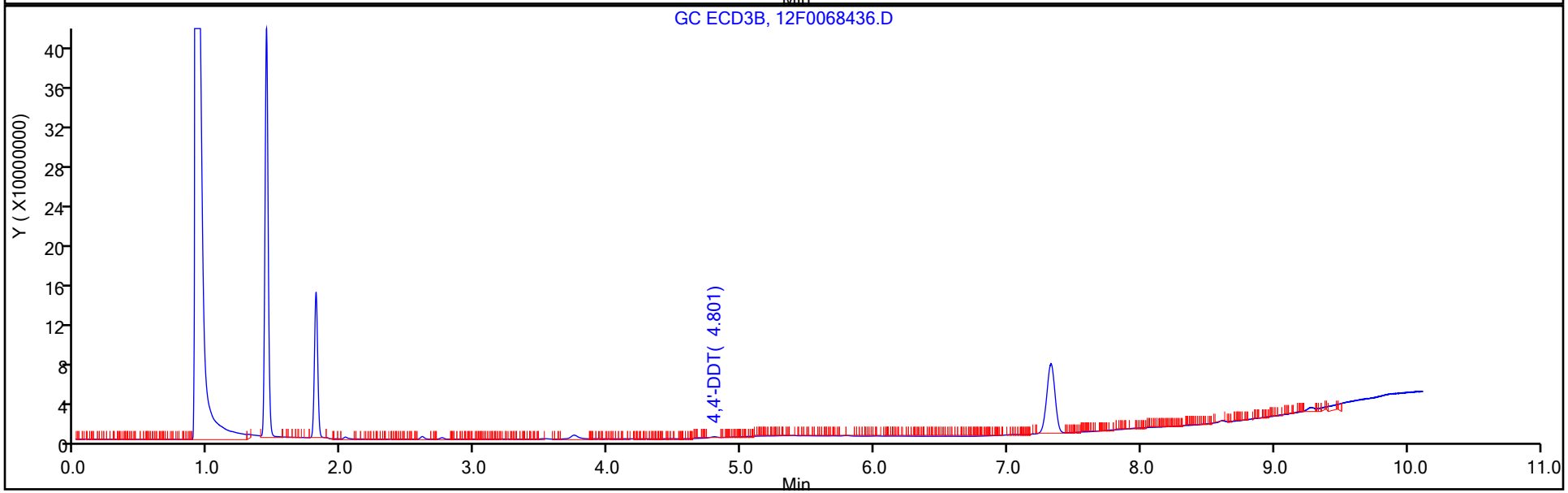
Report Date: 07-Feb-2025 07:29:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:36:56 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-3-B | Lab Sample ID: | 460-319954-3 | Worklist Smp#: | 22 |
| Client ID: | RX-20-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068436.D | | | | |
| Lims ID: | 460-319954-E-3-B | | | | |
| Client ID: | RX-20-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:36:56 | ALS Bottle#: | 22 | Worklist Smp#: | 22 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-022 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.2 | 62.48 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.3 | 74.56 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.0 | 56.05 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.0 | 59.92 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: 12F0068437.D

Analysis Method: 8081B | Date Collected: 02/05/2025 11:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 06:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 74 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 62 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Lims ID: 460-319954-E-4-B
Client ID: RX-22-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 06:49:15 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-023
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:15:12

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 226140659 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 649189446 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.028 | 2.030 | -0.002 | 89241982 | 31.1 | |
| 2 | 1.808 | 1.809 | -0.001 | 244915110 | 28.5 | |
| | | | | | RPD = 8.66 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 83710911 | 37.2 | |
| 2 | 7.325 | 7.328 | -0.003 | 287707835 | 30.1 | |
| | | | | | RPD = 21.03 | |

## Reagents:

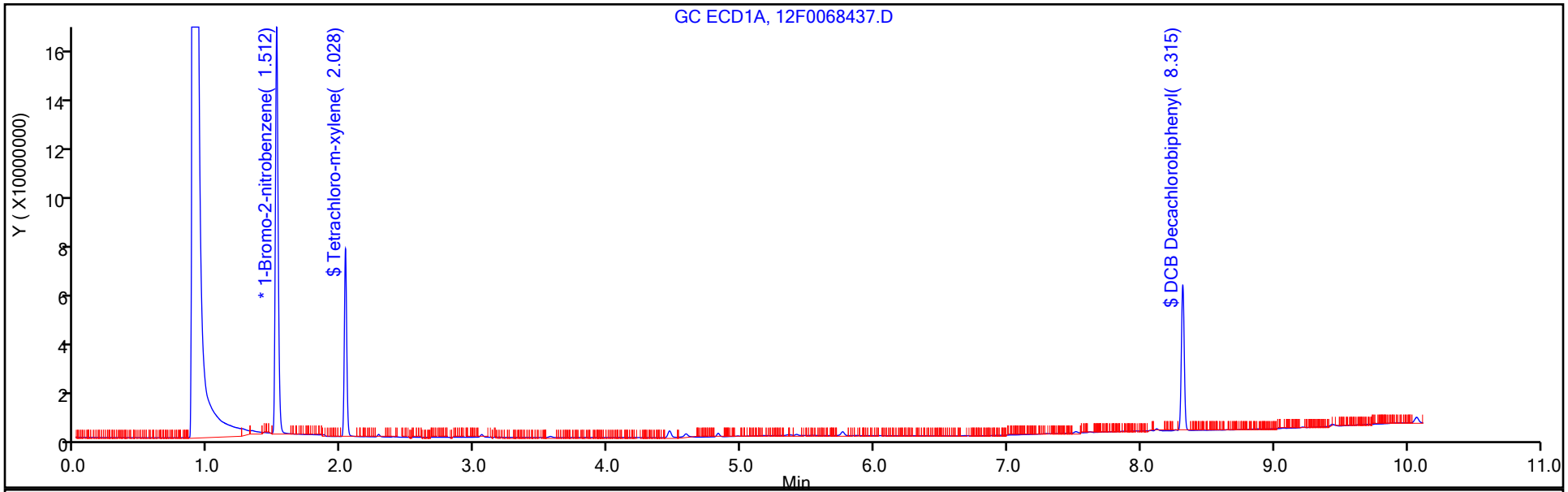
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

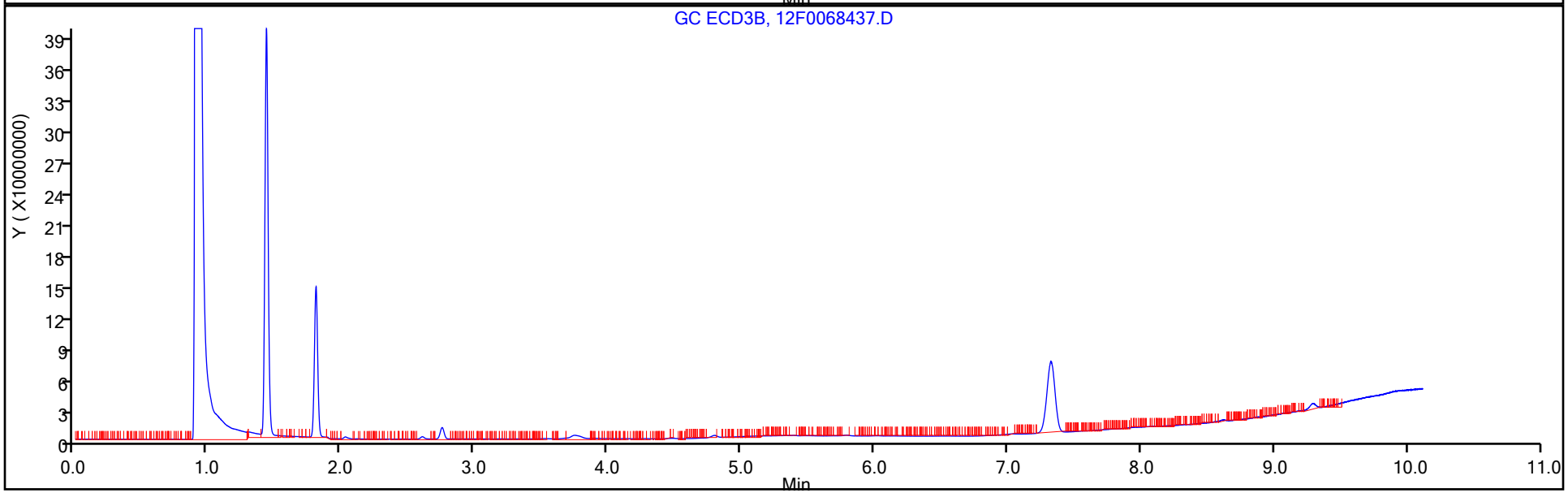
Report Date: 07-Feb-2025 07:29:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:49:15 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-4-B | Lab Sample ID: | 460-319954-4 | Worklist Smp#: | 23 |
| Client ID: | RX-22-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D | | | | |
| Lims ID: | 460-319954-E-4-B | | | | |
| Client ID: | RX-22-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:49:15 | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-023 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 07:15:12 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.1 | 62.22 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.2 | 74.43 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.5 | 57.05 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.1 | 60.27 |

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

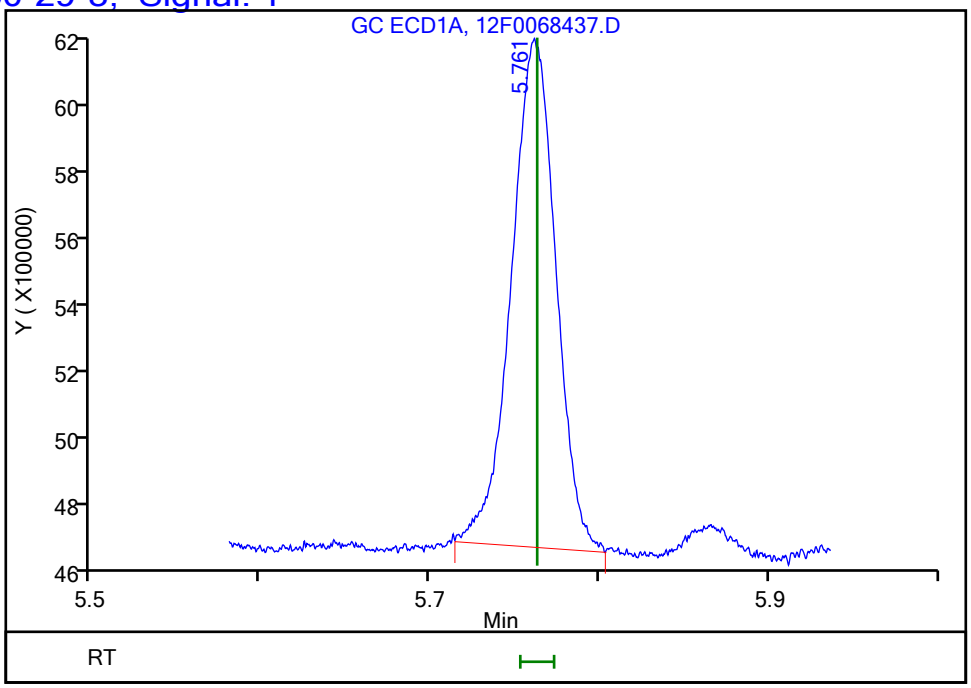
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.76

Response: 2699670

Amount: 1.325469



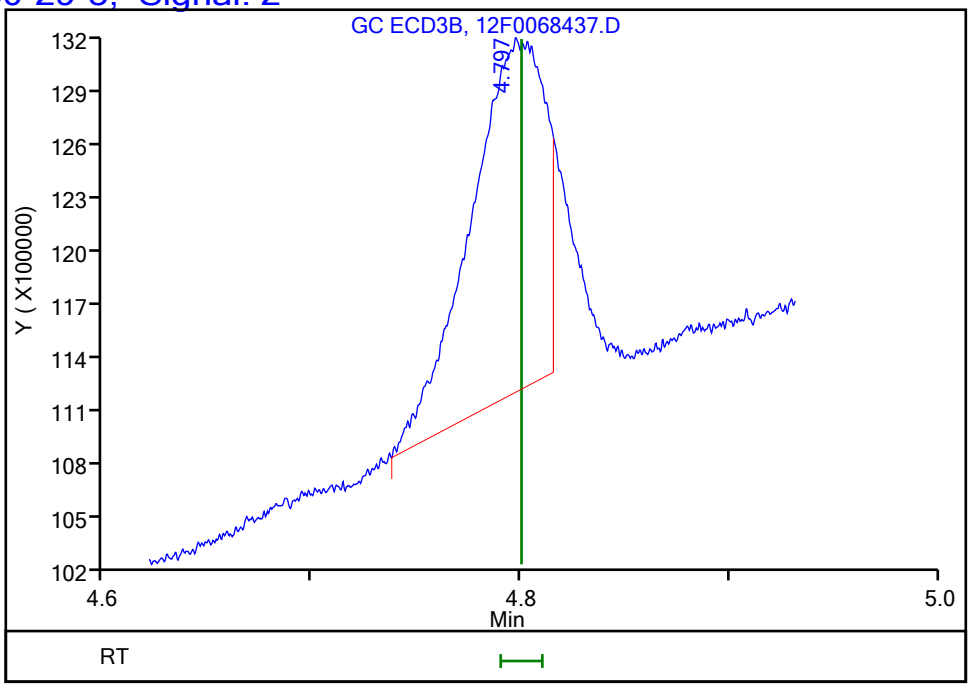

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80

Response: 4894749

Amount: 0.820816




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

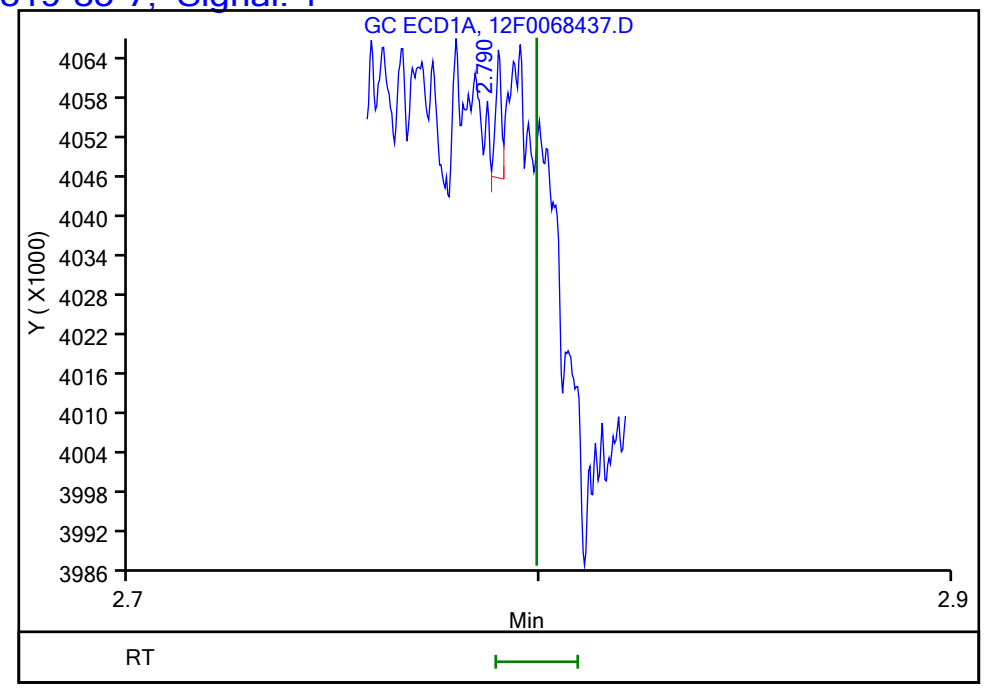
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.79

Response: 1810

Amount: 0.001262




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.37

Response: 5159

Amount: 0.001303

Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

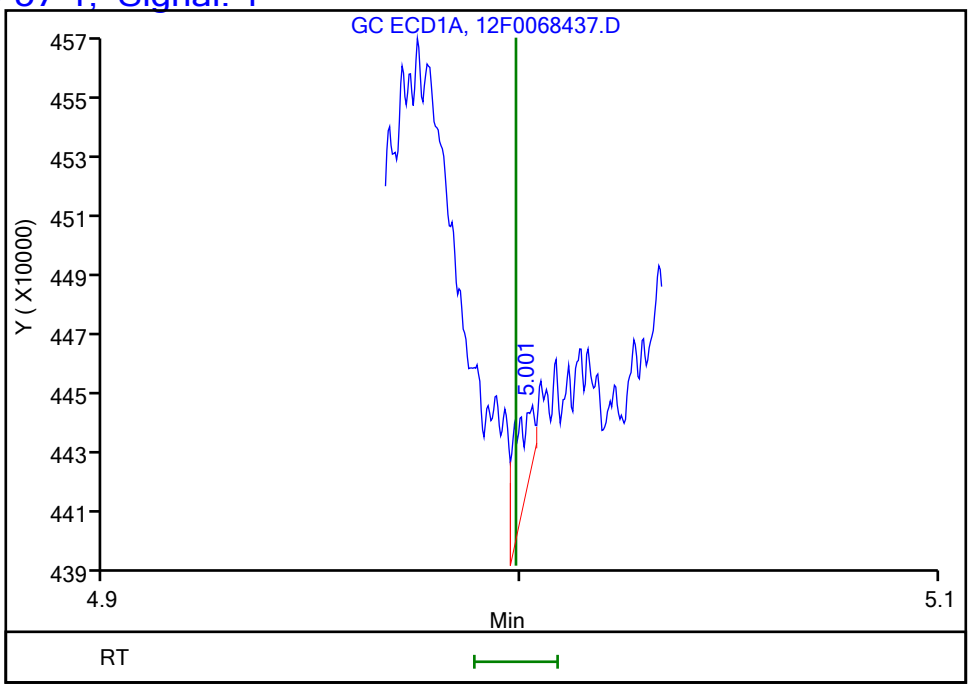
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

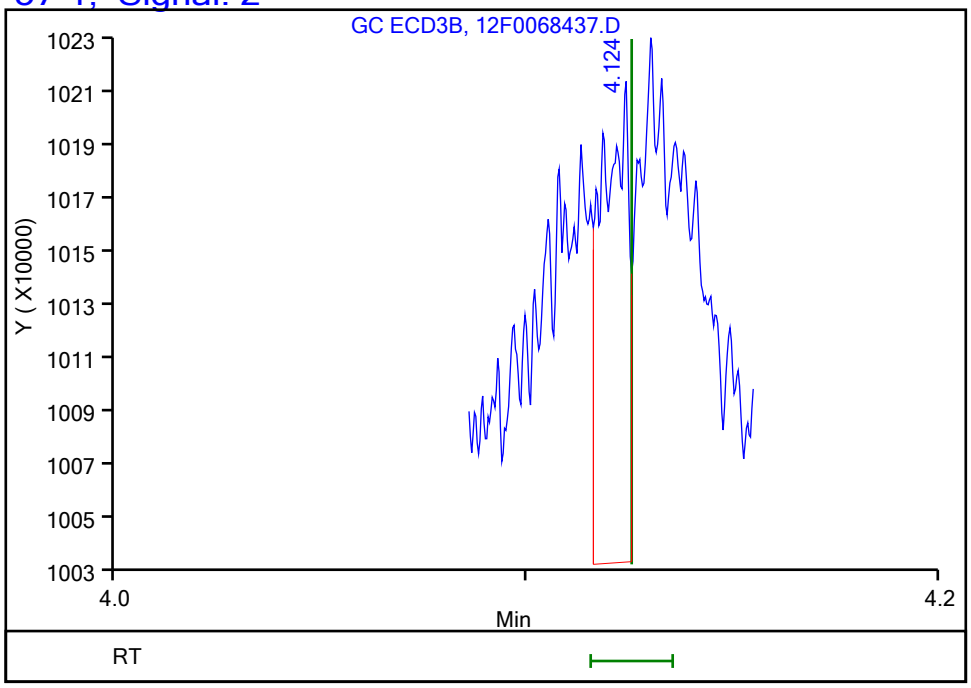
RT: 5.00
Response: 9528
Amount: 0.003286




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12
Response: 78149
Amount: 0.008866




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

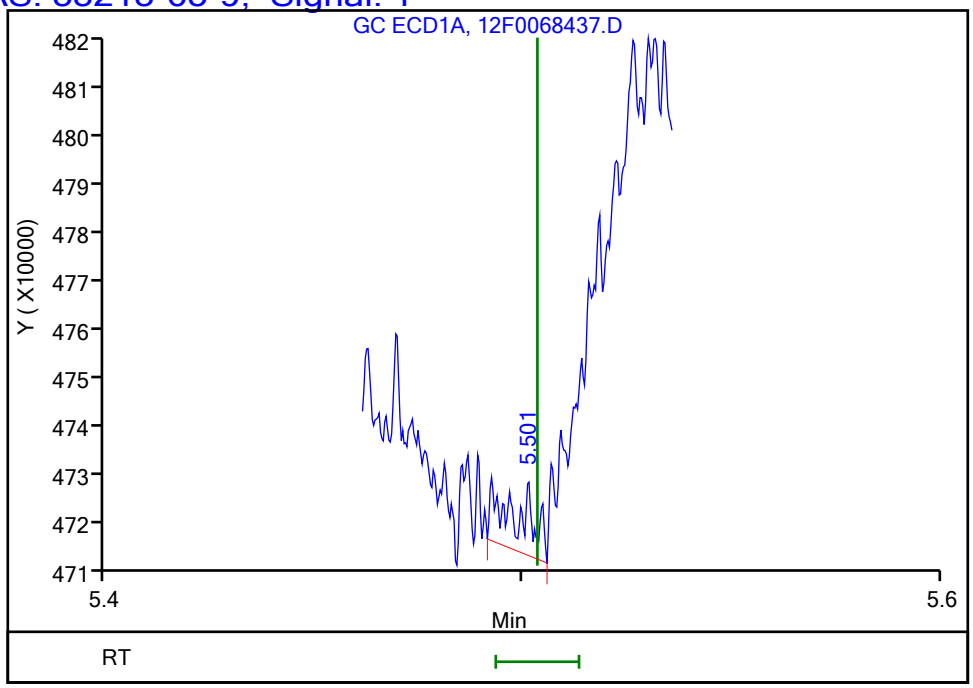
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

| | | | |
|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:49:15 | Instrument ID: | CPESTGC12 |
| Lims ID: | 460-319954-E-4-B | Lab Sample ID: | 460-319954-4 |
| Client ID: | RX-22-01_ | | |
| Operator ID: | | ALS Bottle#: | 23 Worklist Smp#: 23 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD |
| Column: | | Detector | GC ECD1A |

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

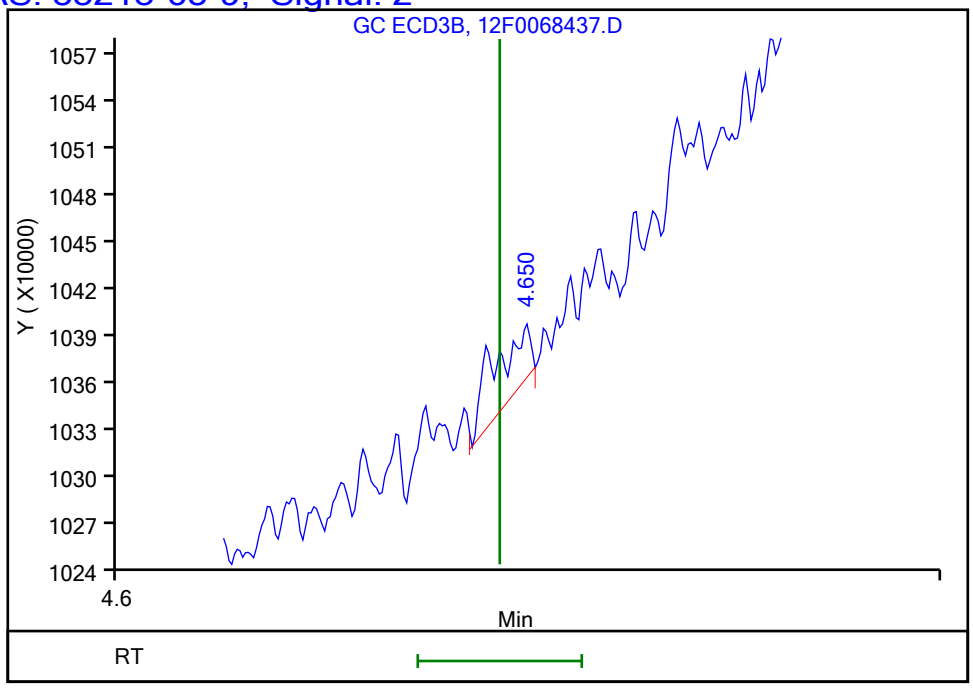
RT: 5.50
Response: 6086
Amount: 0.002678




| | | | |
|---|---|---|---|
| Column: | | Detector | GC ECD2B |

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.65
Response: 12958
Amount: 0.002048




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

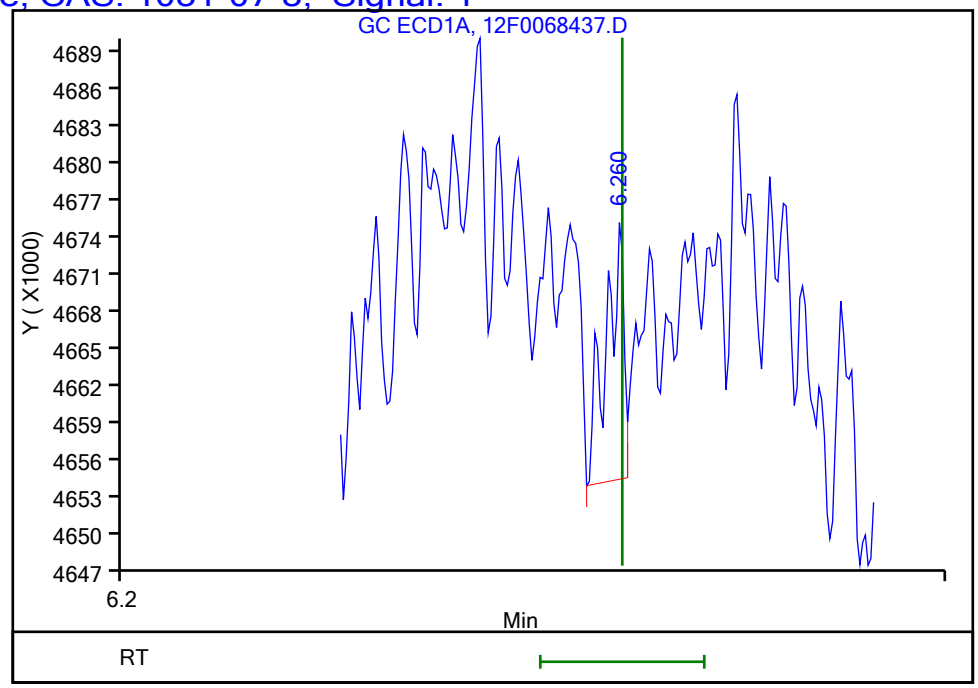
Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.26

Response: 3078

Amount: 0.001344



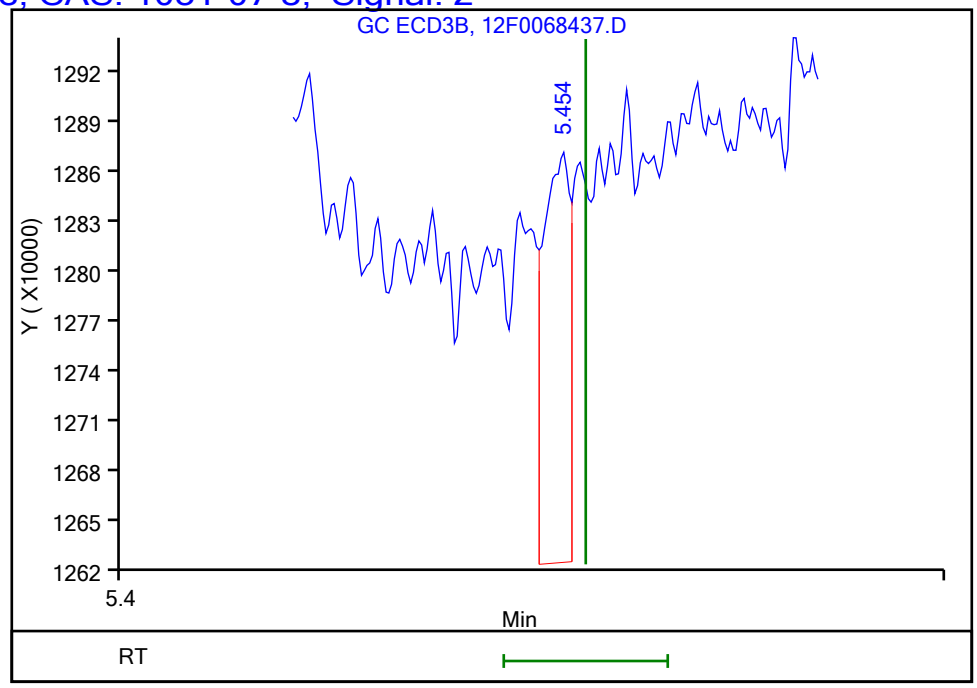

Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.45

Response: 53419

Amount: 0.007120




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

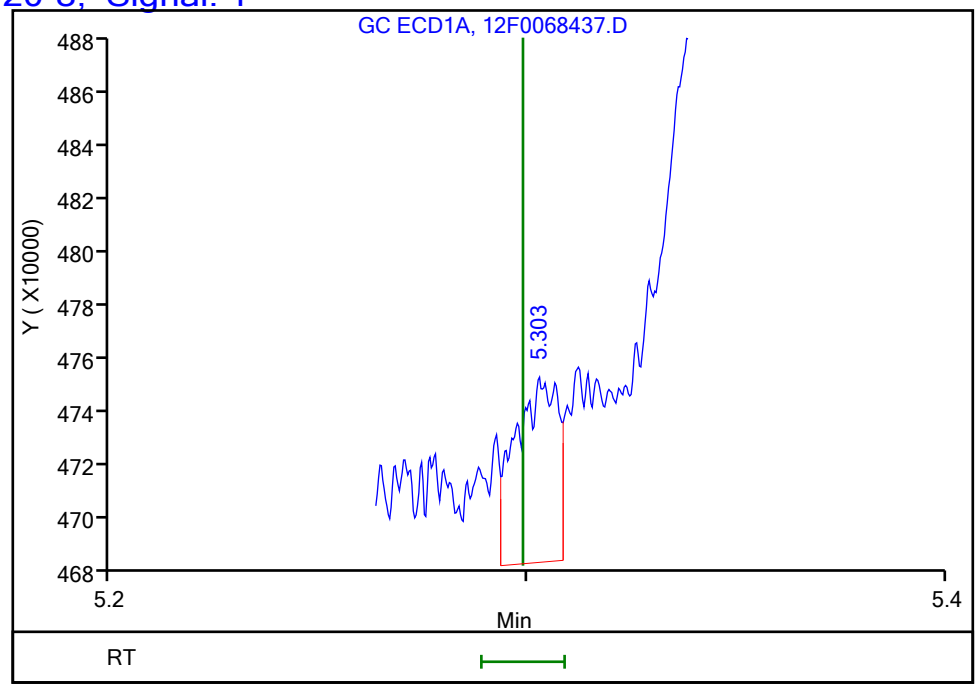
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8, Signal: 1

RT: 5.30

Response: 46692

Amount: 0.019148



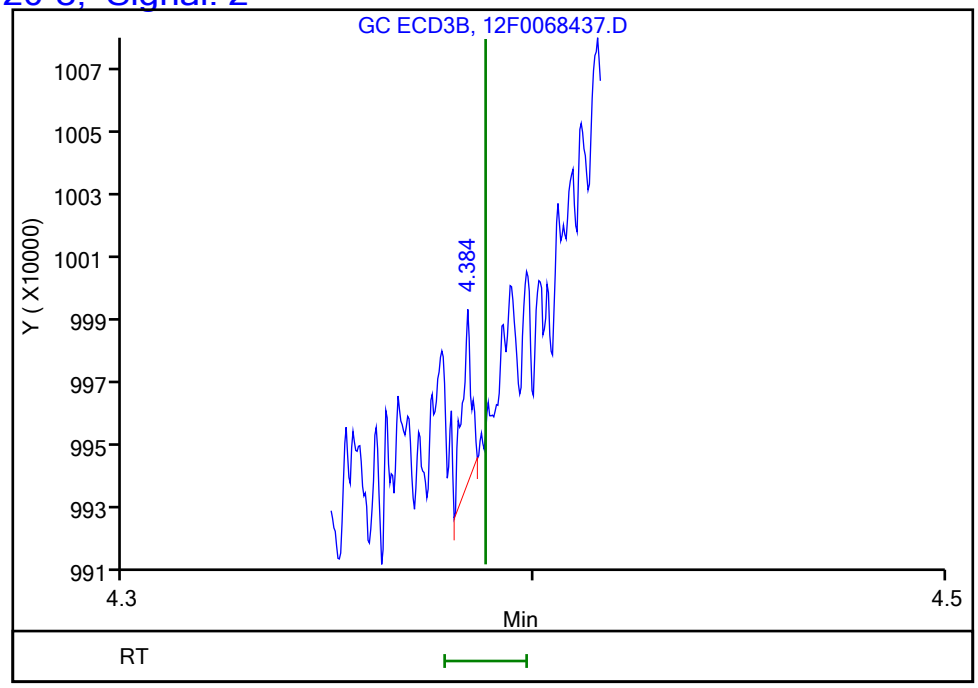

Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.38

Response: 8407

Amount: 0.001188




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

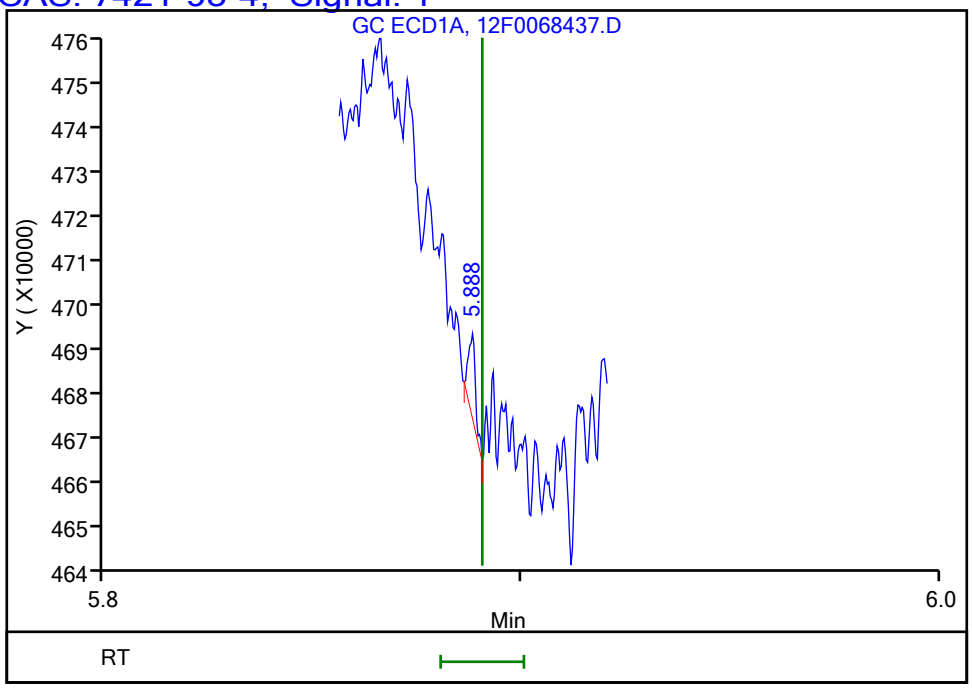
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:49:15 | Instrument ID: | CPESTGC12 | | |
| Lims ID: | 460-319954-E-4-B | Lab Sample ID: | 460-319954-4 | | |
| Client ID: | RX-22-01_ | | | | |
| Operator ID: | | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

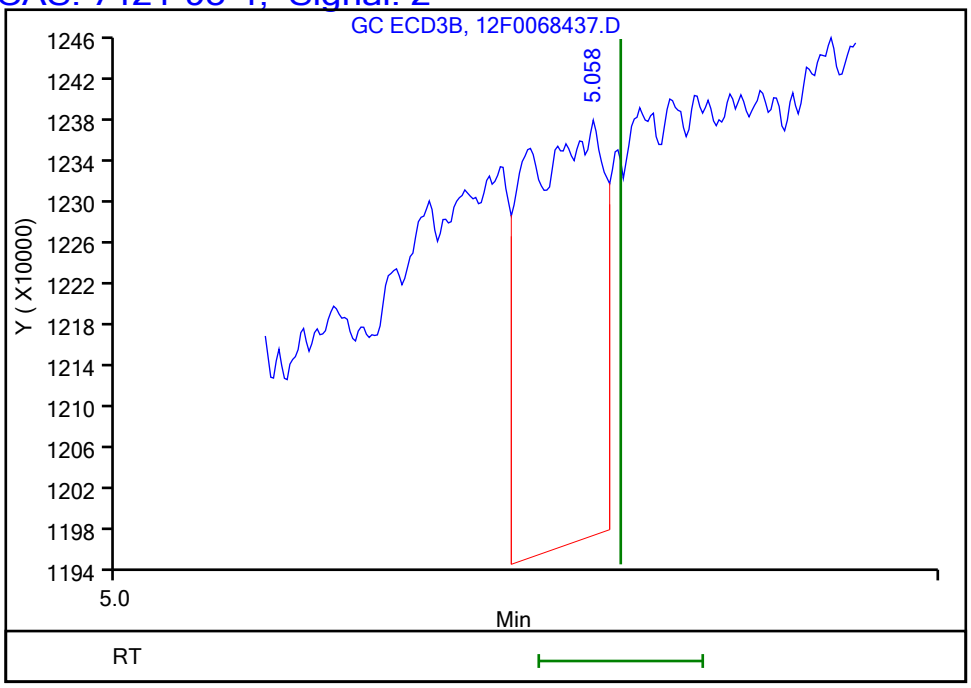
RT: 5.89
Response: 2123
Amount: 0.001150




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.06
Response: 270497
Amount: 0.044924




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

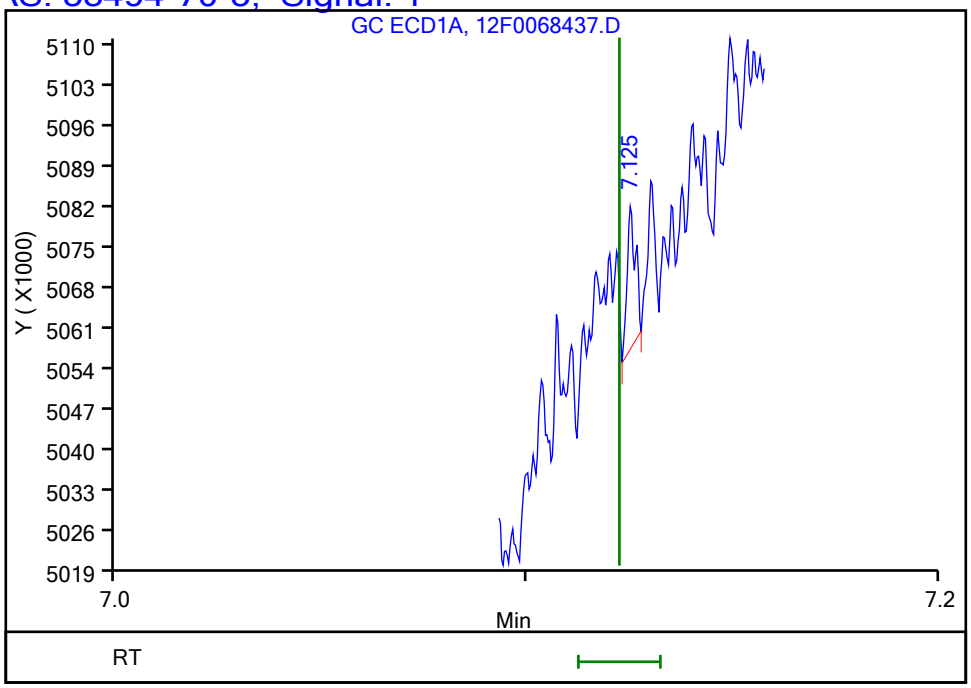
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

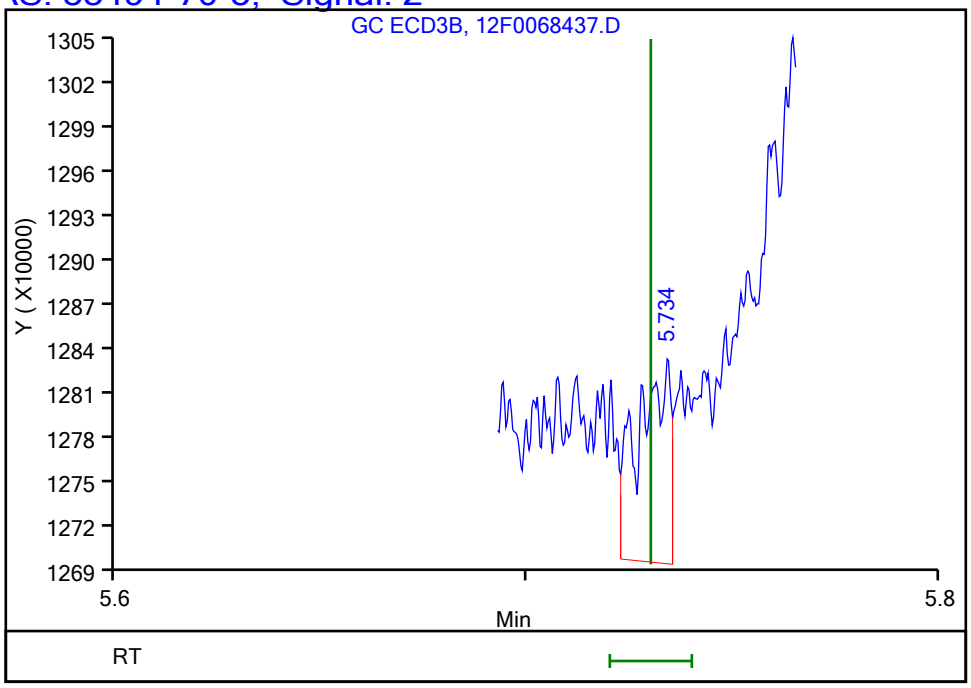
RT: 7.12
Response: 3506
Amount: 0.001401




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73
Response: 72576
Amount: 0.009205




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

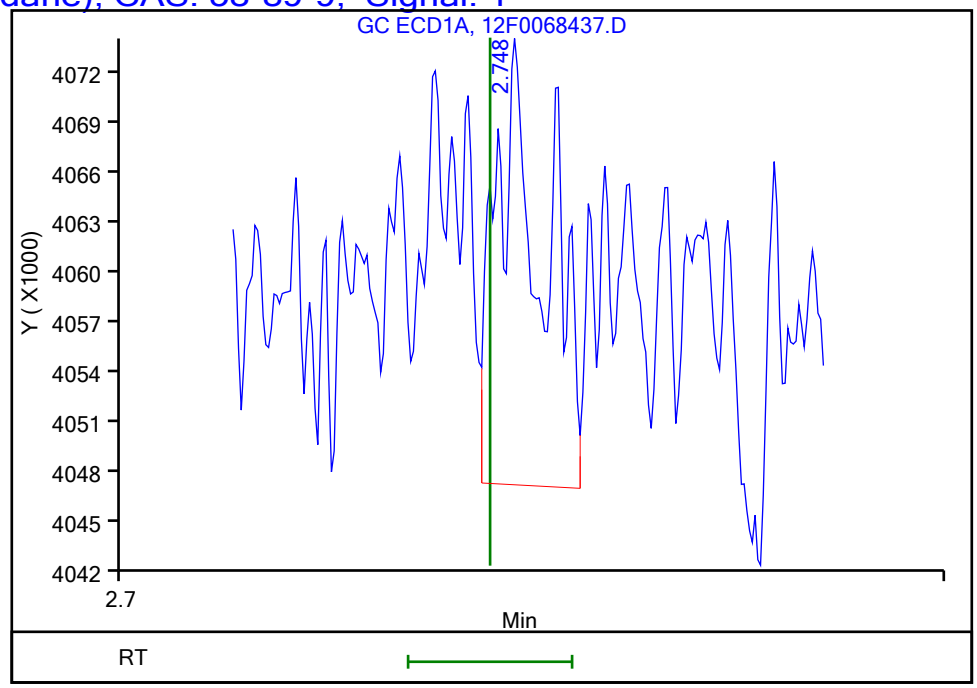
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

RT: 2.75

Response: 10880

Amount: 0.003294



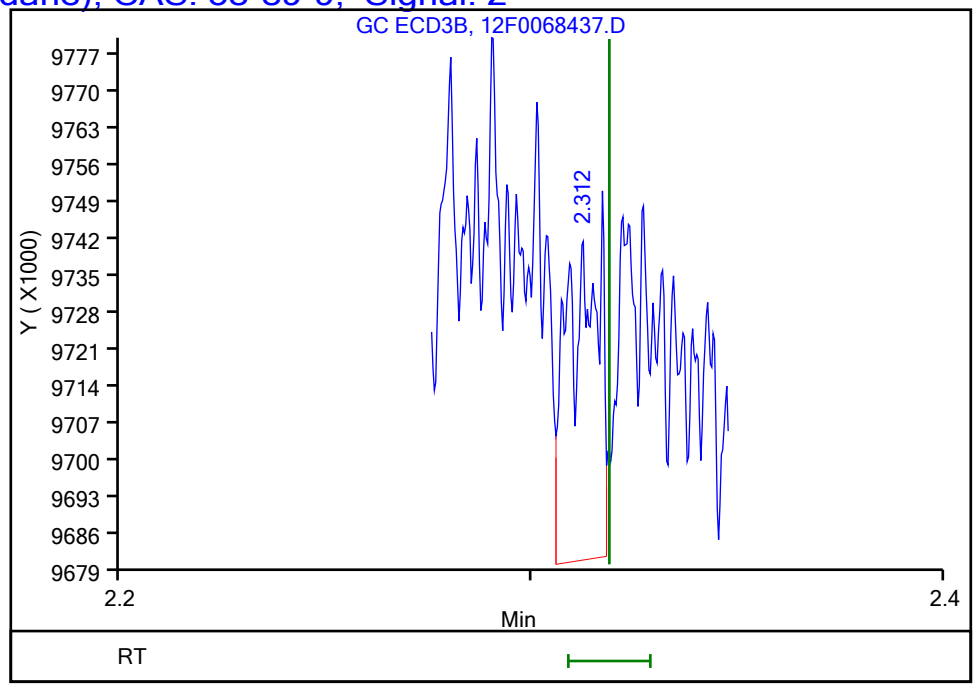

Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.31

Response: 33567

Amount: 0.002683




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

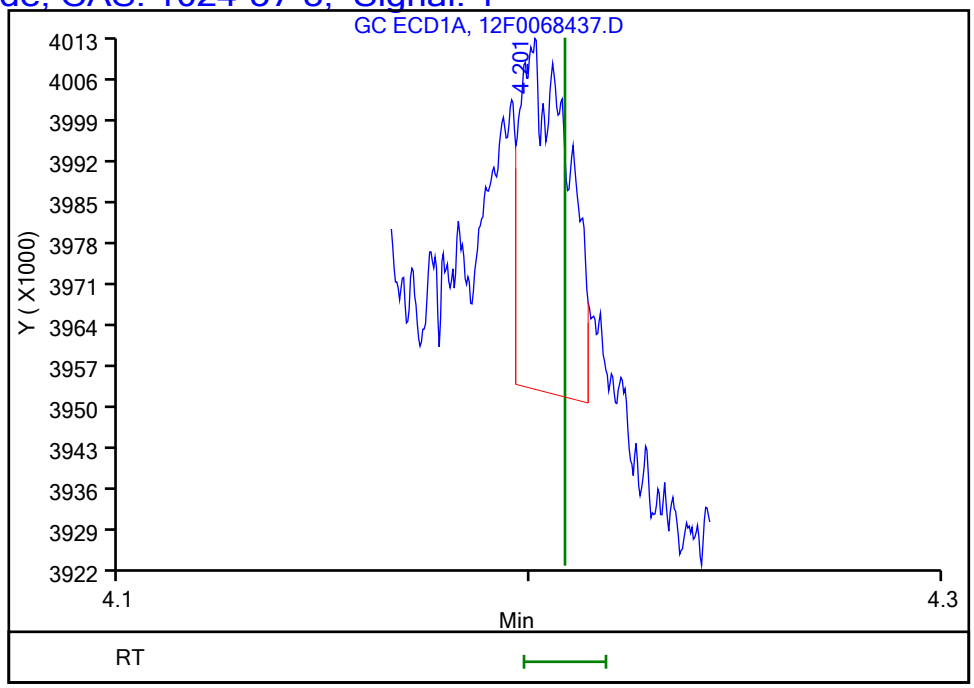
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

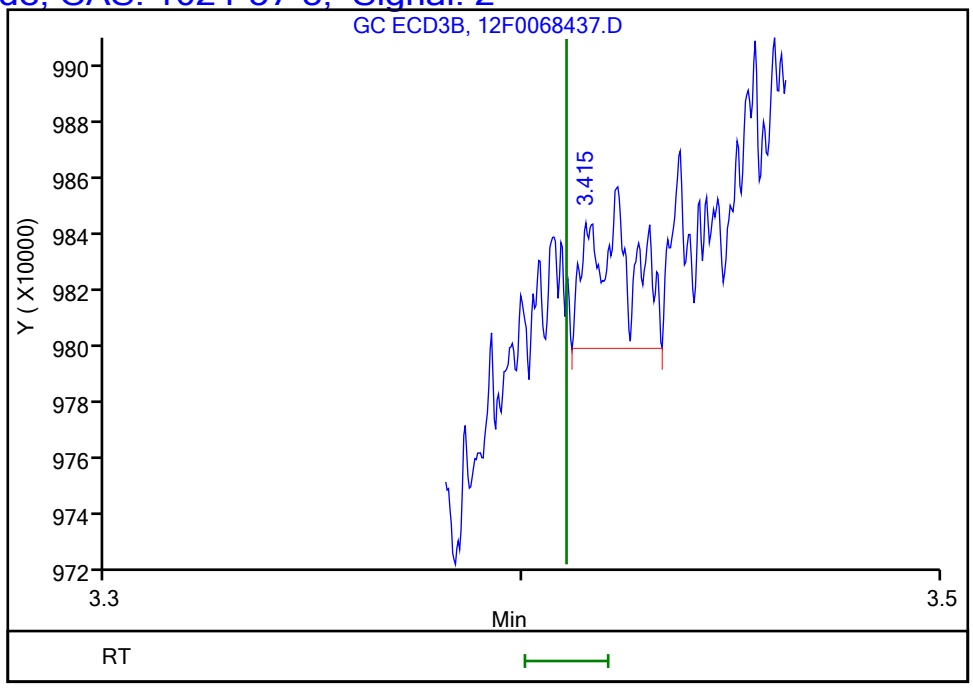
RT: 4.20
Response: 47868
Amount: 0.017789




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41
Response: 39137
Amount: 0.004672




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

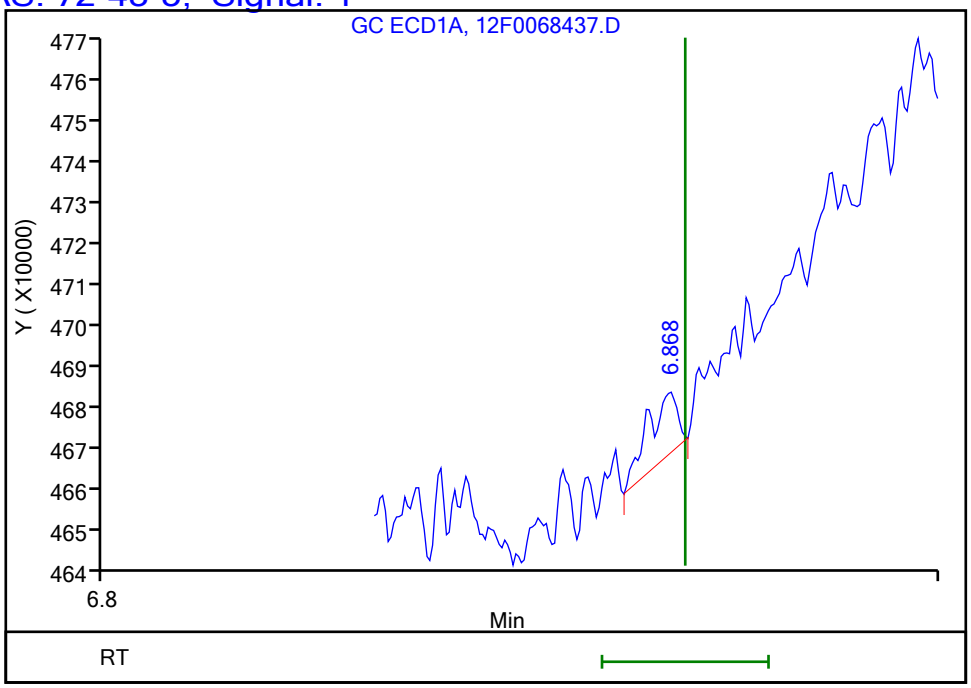
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.87

Response: 3902

Amount: 0.003552



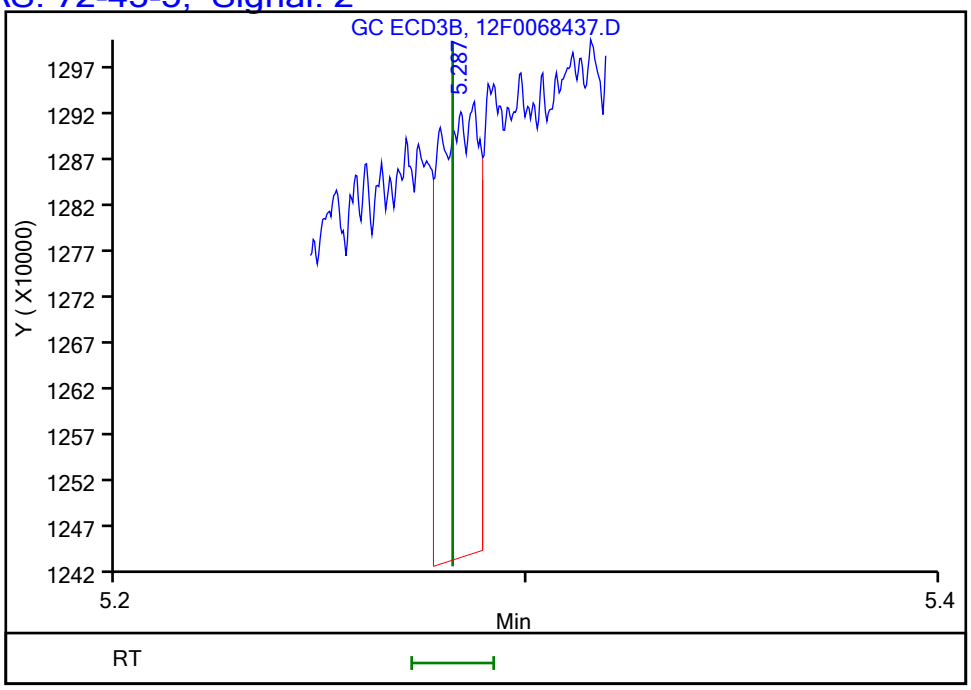

Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29

Response: 327250

Amount: 0.093271




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: 12F0068437.D

Analysis Method: 8081B | Date Collected: 02/05/2025 11:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 06:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0012 |
| 72-55-9 | 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00080 |
| 50-29-3 | 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0012 |
| 309-00-2 | Aldrin | 0.0068 | U | 0.0068 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00076 |
| 12789-03-6 | Chlordane (technical) | 0.068 | U | 0.068 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00042 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00088 |
| 959-98-8 | Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0068 | U | 0.0068 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00085 |
| 72-20-8 | Endrin | 0.0068 | U | 0.0068 | 0.00097 |
| 7421-93-4 | Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 |
| 76-44-8 | Heptachlor | 0.0068 | U | 0.0068 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0068 | U | 0.0068 | 0.0016 |
| 8001-35-2 | Toxaphene | 0.068 | U | 0.068 | 0.025 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 60 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 57 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Lims ID: 460-319954-E-4-B
Client ID: RX-22-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 06:49:15 ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-023
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:15:12

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 226140659 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 649189446 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.028 | 2.030 | -0.002 | 89241982 | 31.1 | |
| 2 | 1.808 | 1.809 | -0.001 | 244915110 | 28.5 | |
| | | | | | RPD = 8.66 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 83710911 | 37.2 | |
| 2 | 7.325 | 7.328 | -0.003 | 287707835 | 30.1 | |
| | | | | | RPD = 21.03 | |

## Reagents:

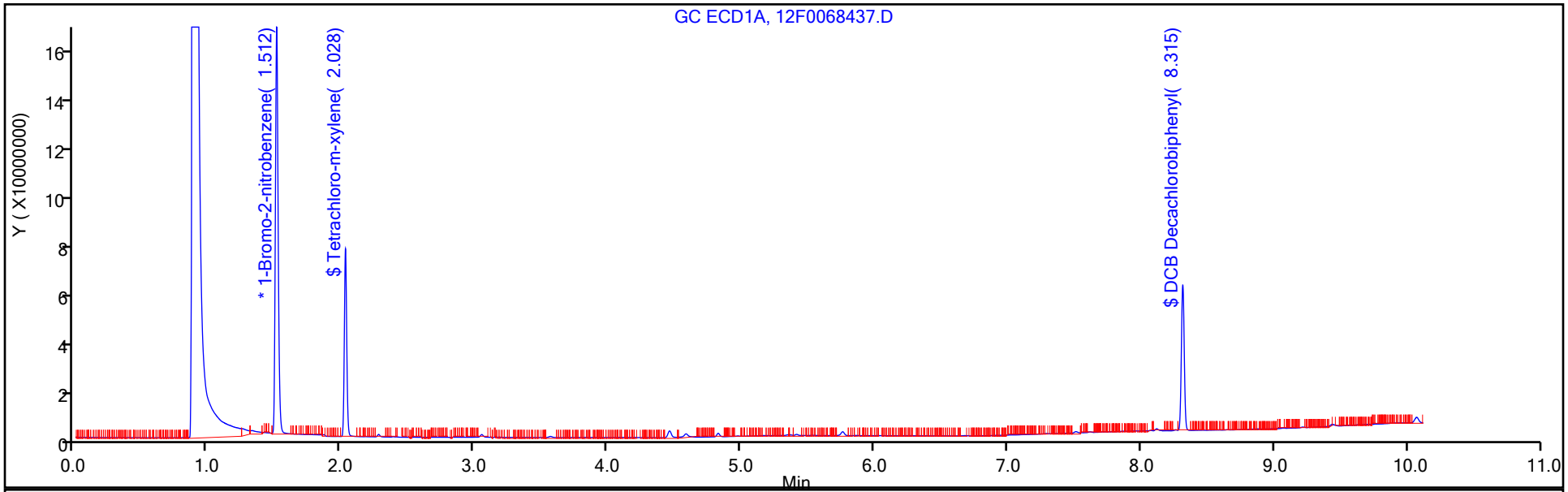
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

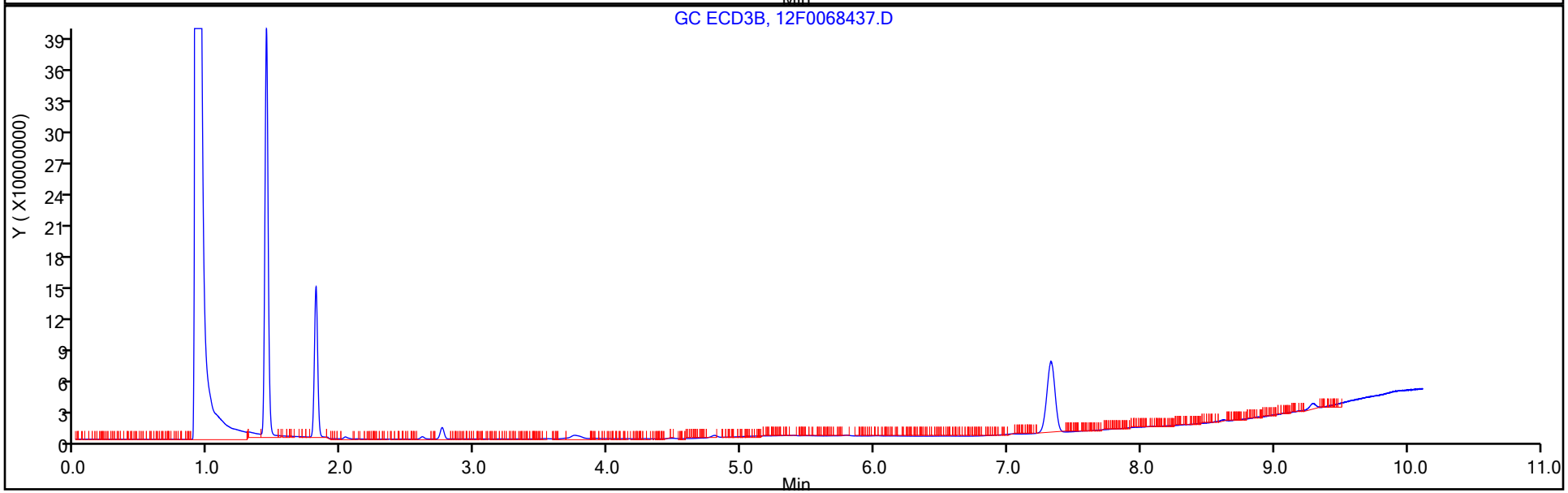
Report Date: 07-Feb-2025 07:29:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:49:15 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-4-B | Lab Sample ID: | 460-319954-4 | Worklist Smp#: | 23 |
| Client ID: | RX-22-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D | | | | |
| Lims ID: | 460-319954-E-4-B | | | | |
| Client ID: | RX-22-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 06:49:15 | ALS Bottle#: | 23 | Worklist Smp#: | 23 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-023 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 07:15:12 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.1 | 62.22 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.2 | 74.43 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.5 | 57.05 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 30.1 | 60.27 |

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

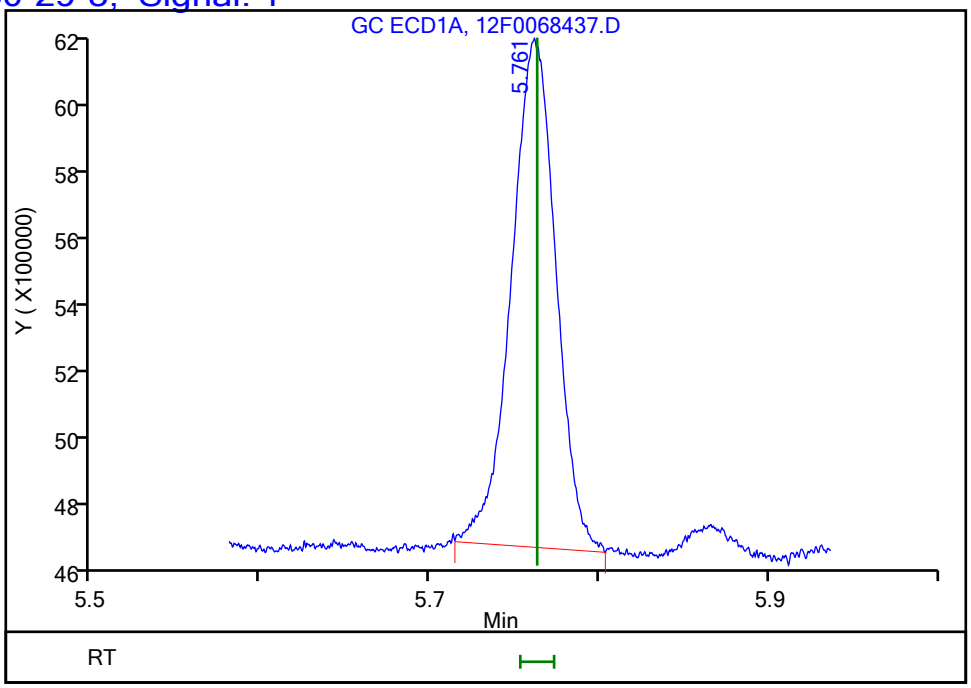
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.76

Response: 2699670

Amount: 1.325469



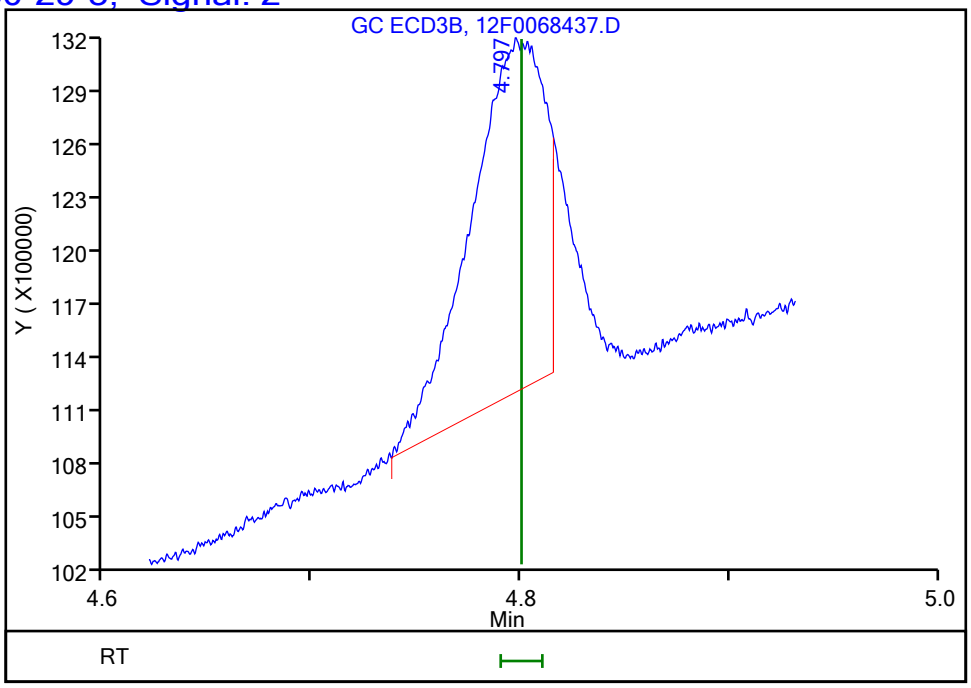

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80

Response: 4894749

Amount: 0.820816




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

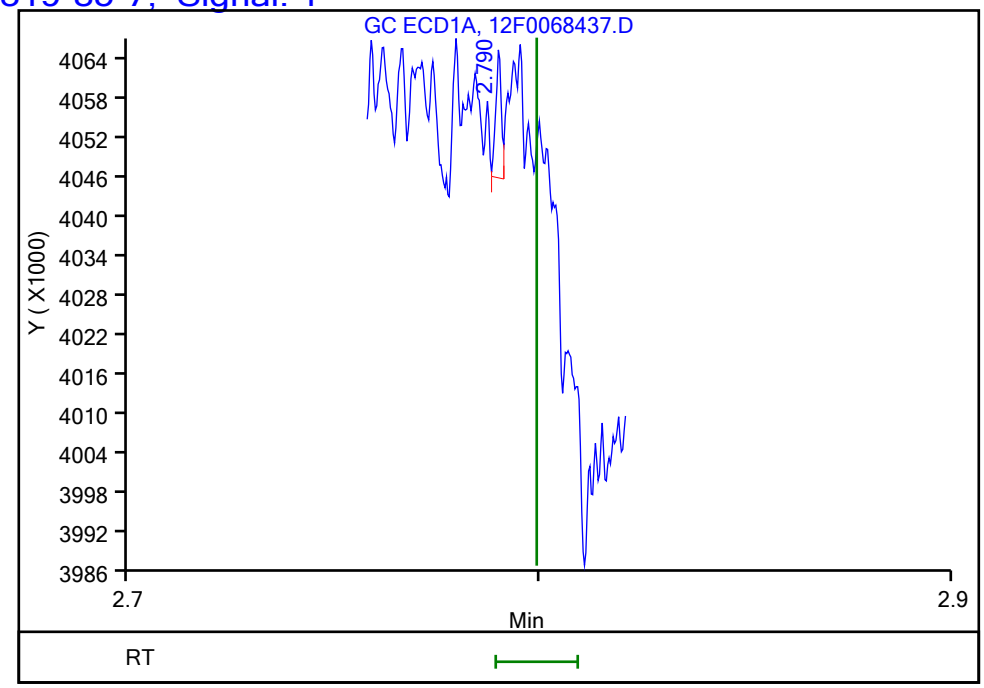
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

RT: 2.79
Response: 1810
Amount: 0.001262




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.37
Response: 5159
Amount: 0.001303

Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

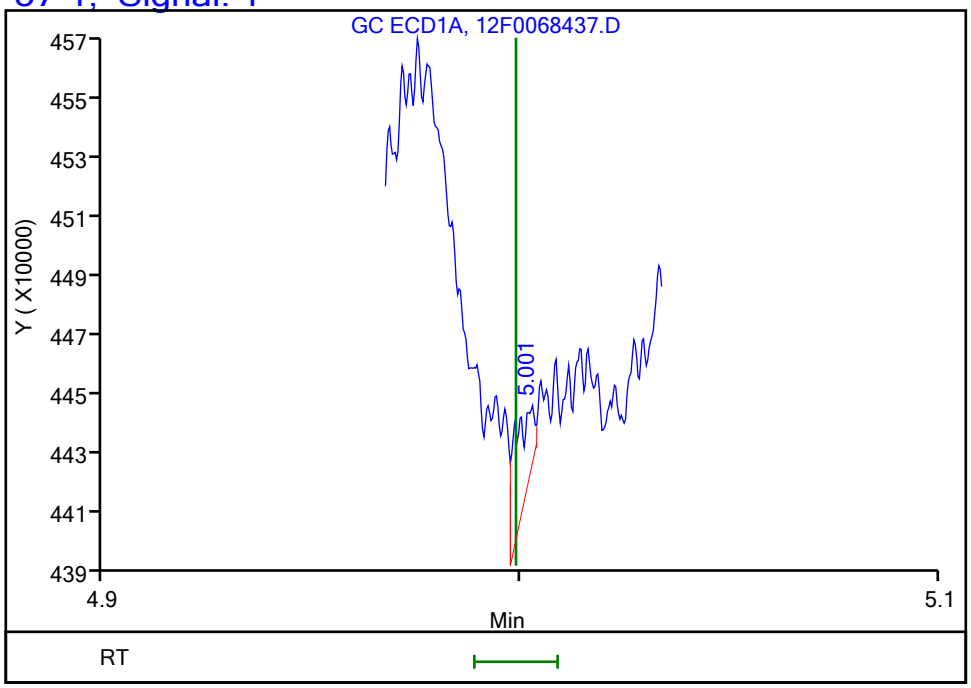
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

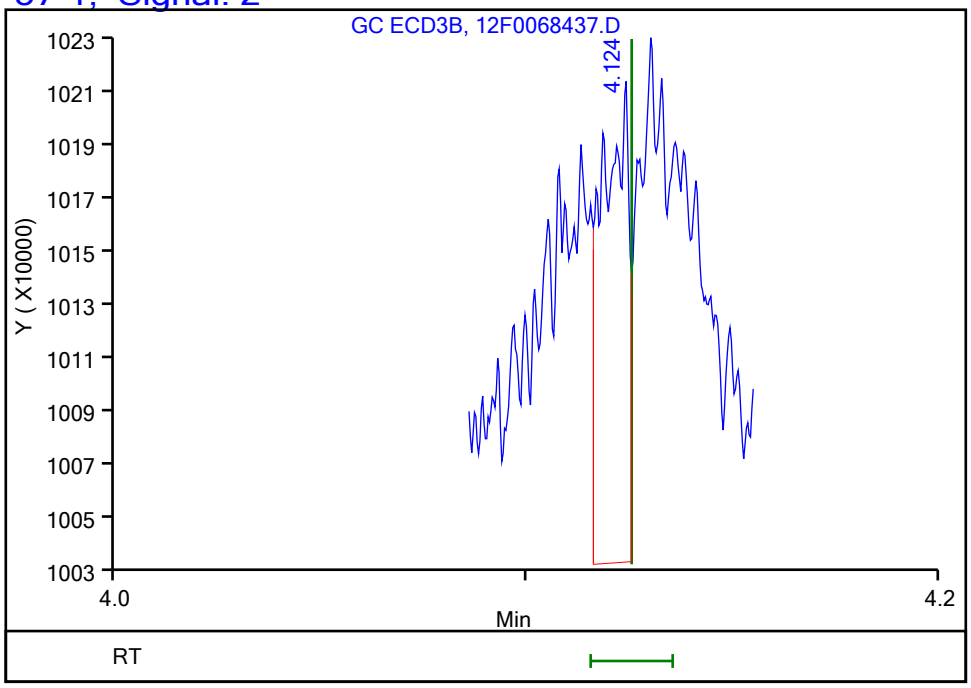
RT: 5.00
Response: 9528
Amount: 0.003286




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12
Response: 78149
Amount: 0.008866




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

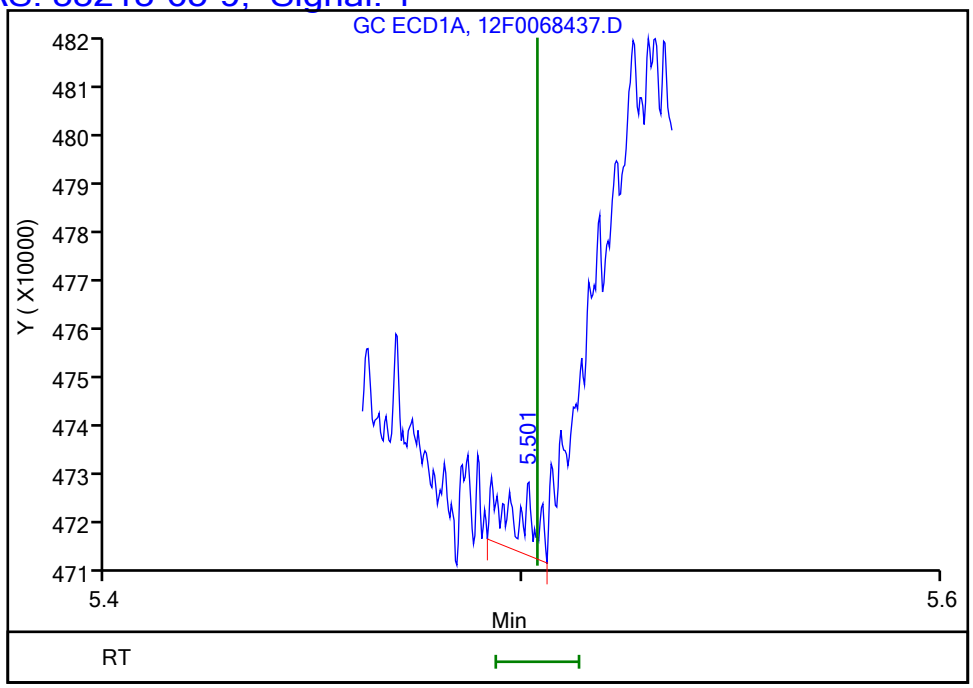
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

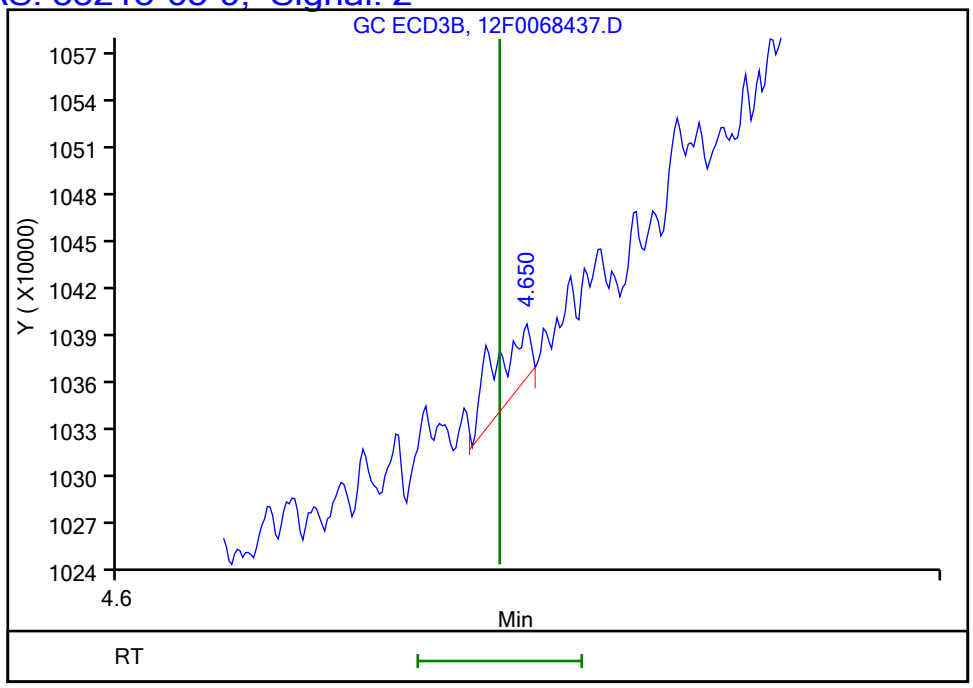
RT: 5.50
Response: 6086
Amount: 0.002678




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.65
Response: 12958
Amount: 0.002048




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

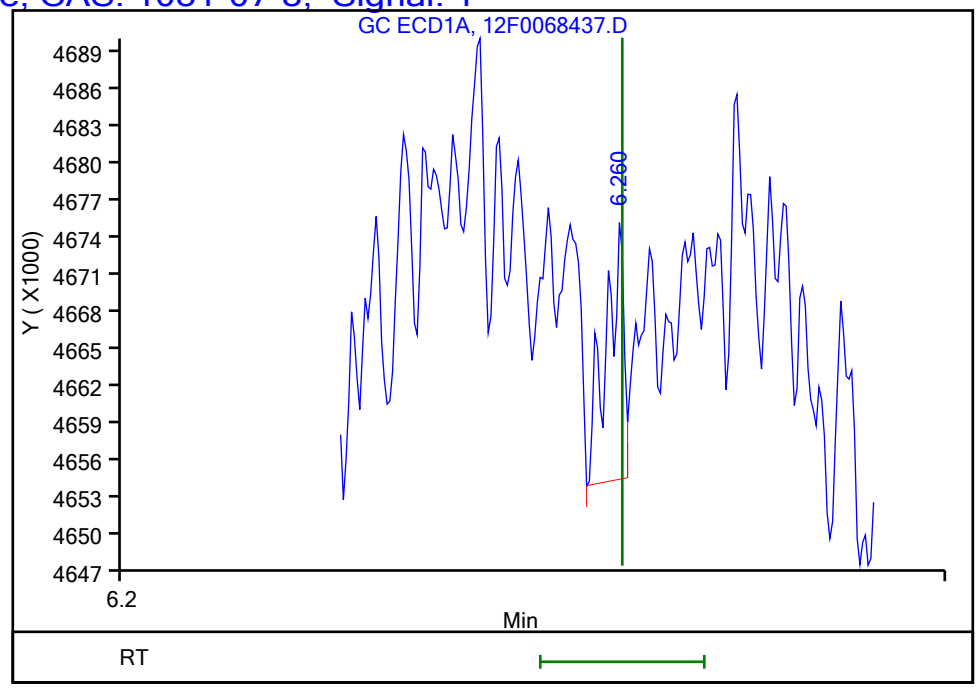
Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.26

Response: 3078

Amount: 0.001344



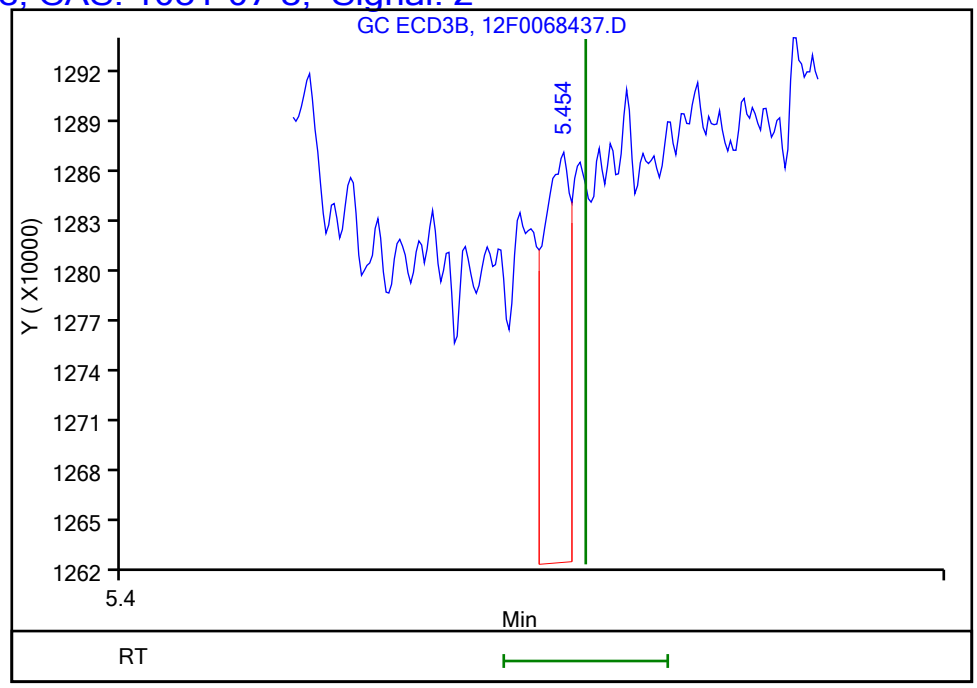

Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.45

Response: 53419

Amount: 0.007120




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

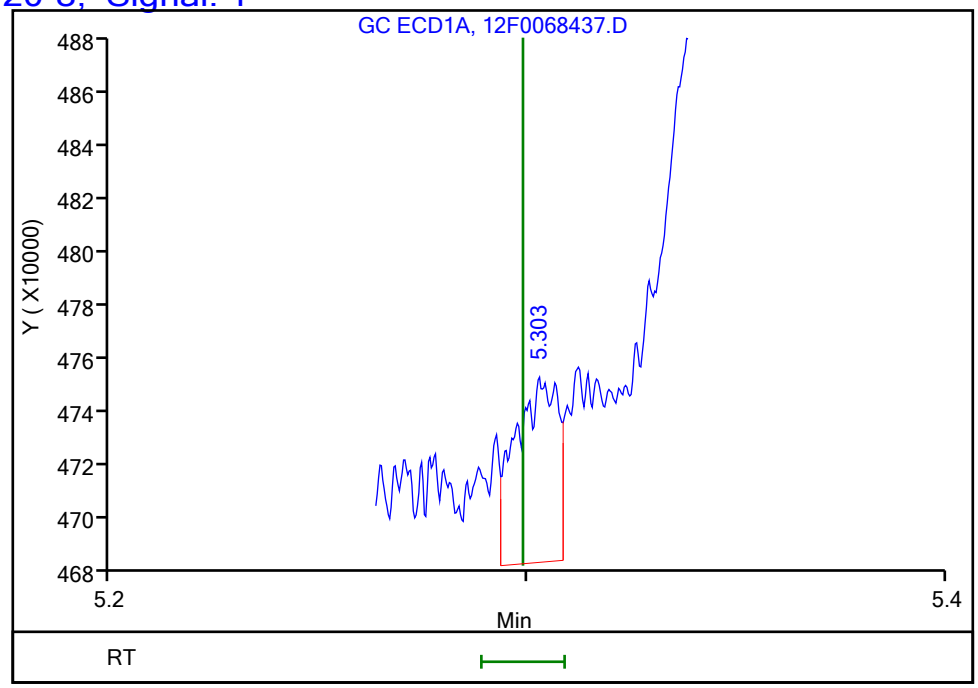
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

| | | | |
|---|---|---|---|
| Injection Date: | 07-Feb-2025 06:49:15 | Instrument ID: | CPESTGC12 |
| Lims ID: | 460-319954-E-4-B | Lab Sample ID: | 460-319954-4 |
| Client ID: | RX-22-01_ | | |
| Operator ID: | | ALS Bottle#: | 23 Worklist Smp#: 23 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD |
| Column: | | Detector | GC ECD1A |

## 20 Endrin, CAS: 72-20-8, Signal: 1

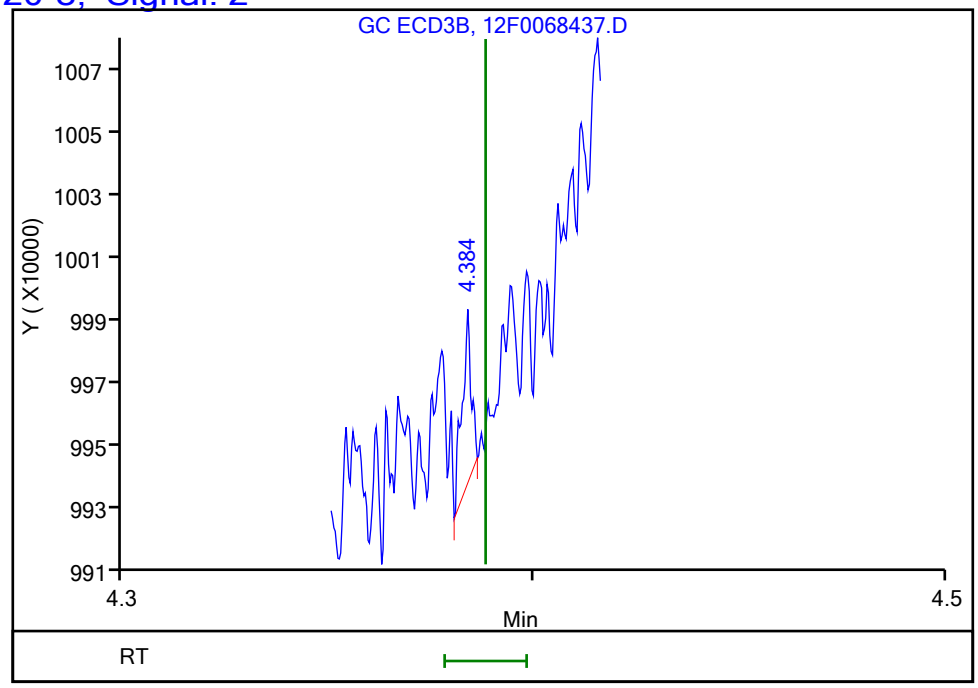
RT: 5.30
Response: 46692
Amount: 0.019148




Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.38
Response: 8407
Amount: 0.001188




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

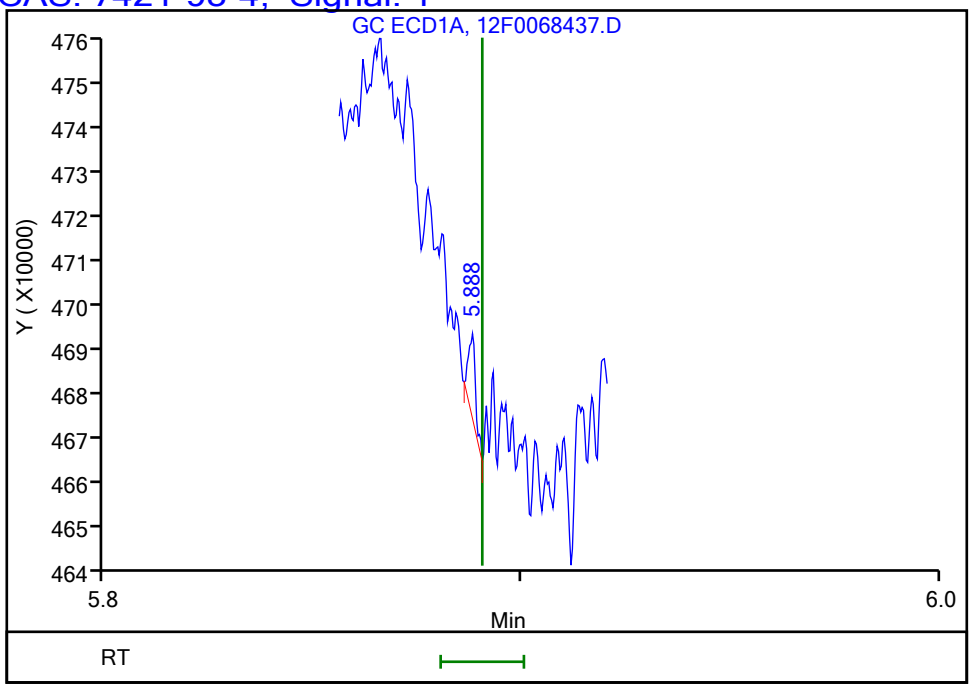
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

RT: 5.89

Response: 2123

Amount: 0.001150



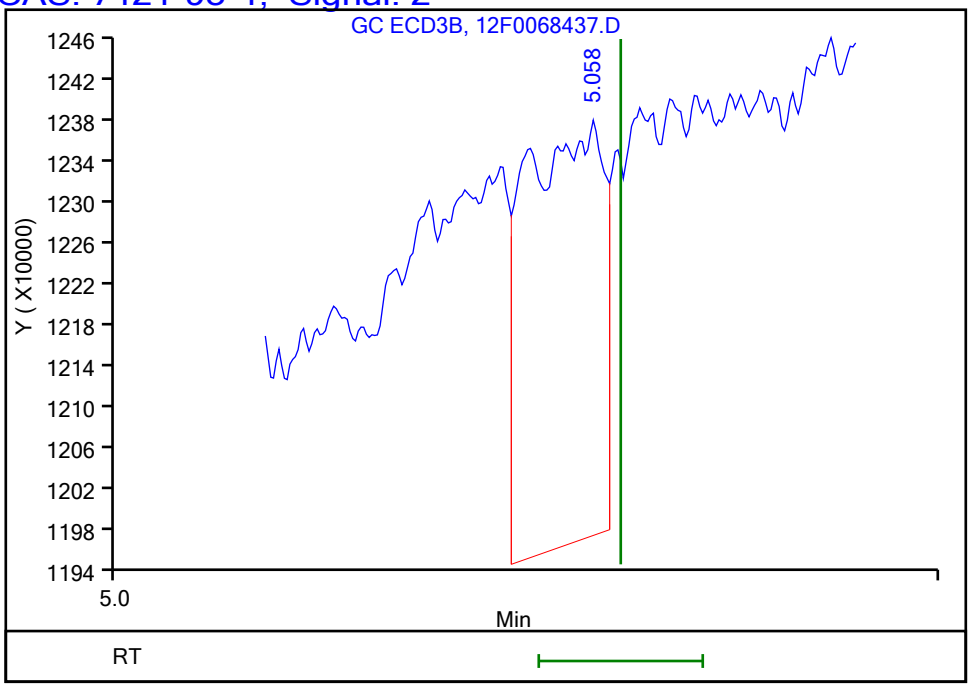

Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.06

Response: 270497

Amount: 0.044924




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

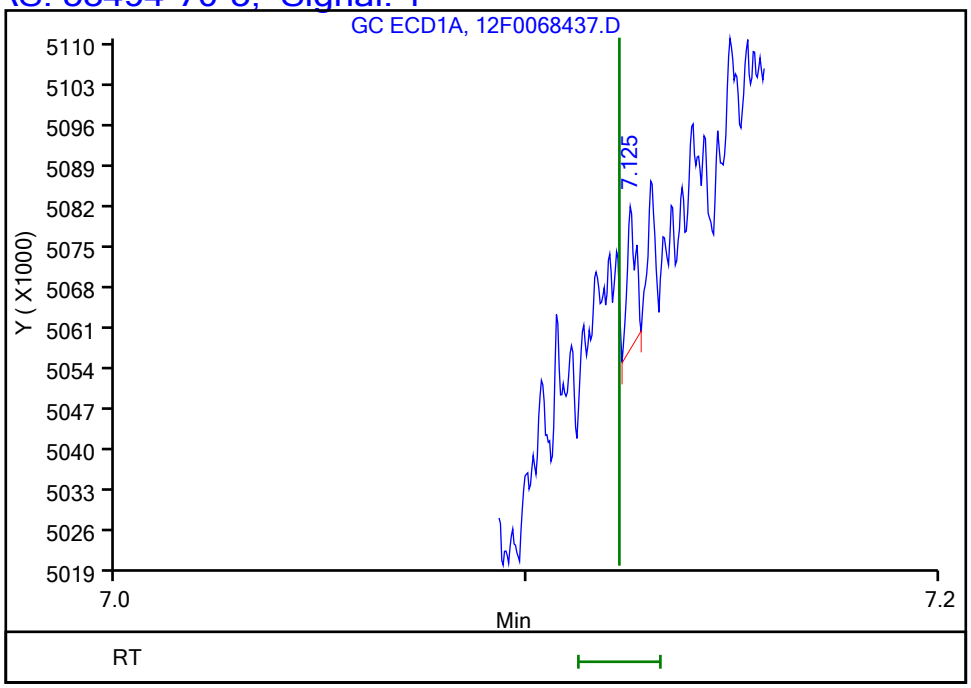
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

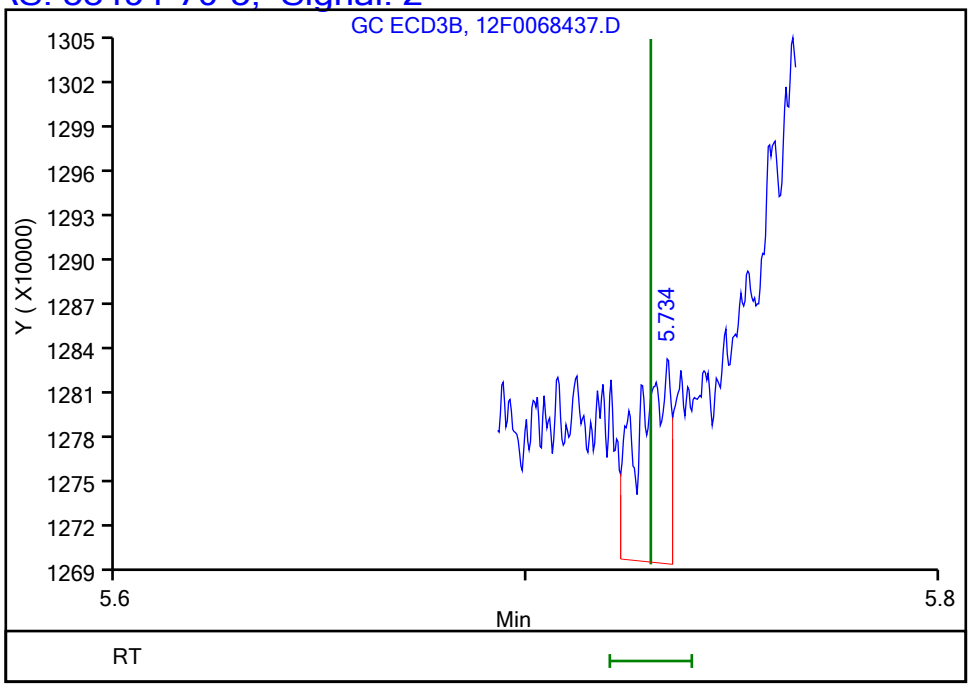
RT: 7.12
Response: 3506
Amount: 0.001401




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73
Response: 72576
Amount: 0.009205




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

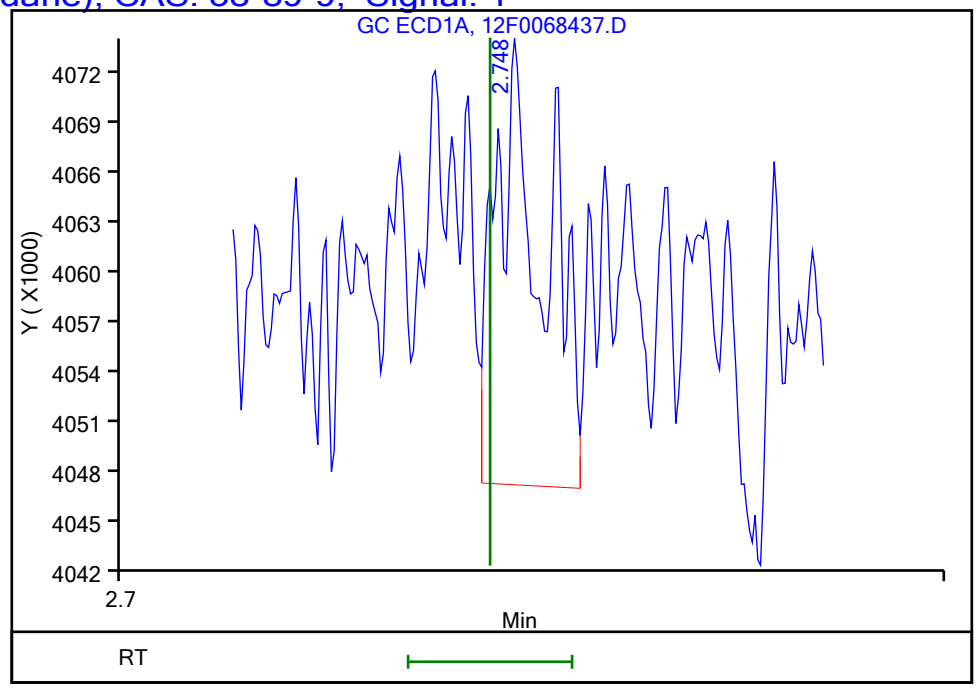
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

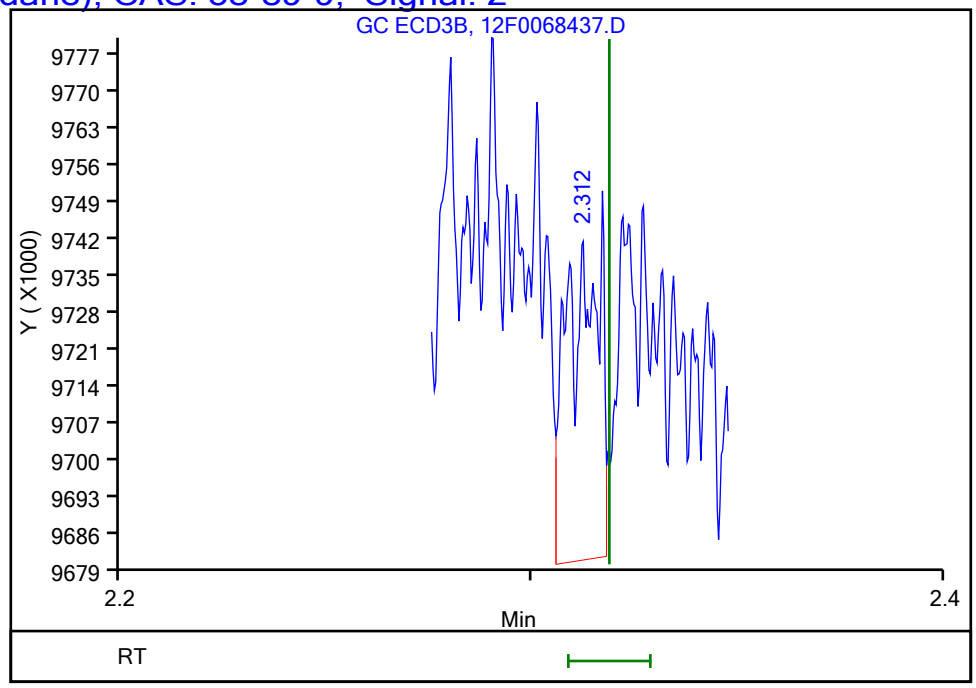
RT: 2.75
Response: 10880
Amount: 0.003294




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.31
Response: 33567
Amount: 0.002683




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

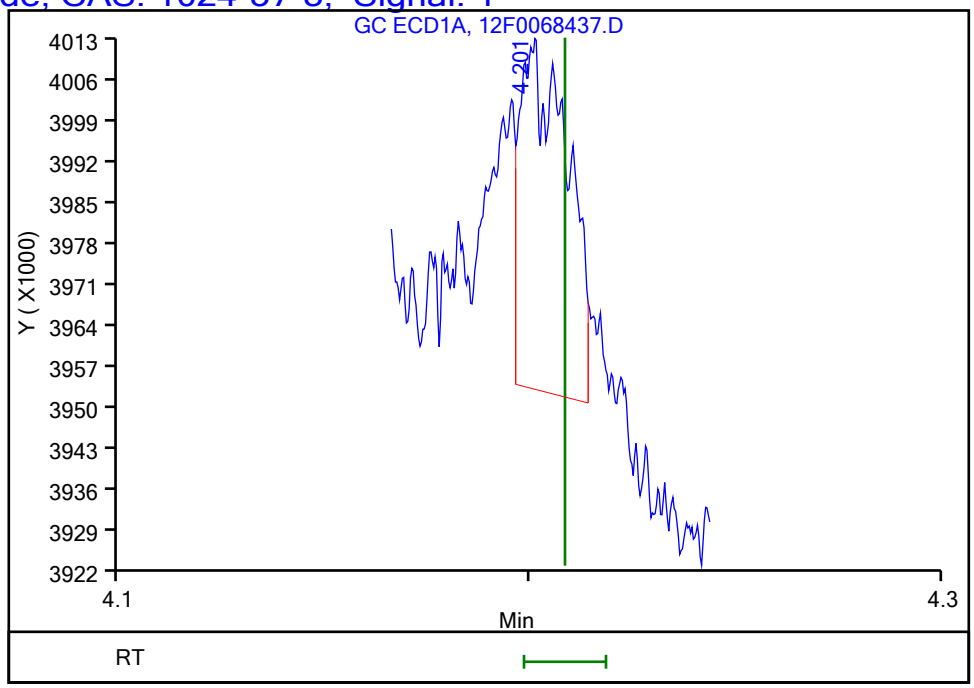
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D
Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4
Client ID: RX-22-01_
Operator ID: ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

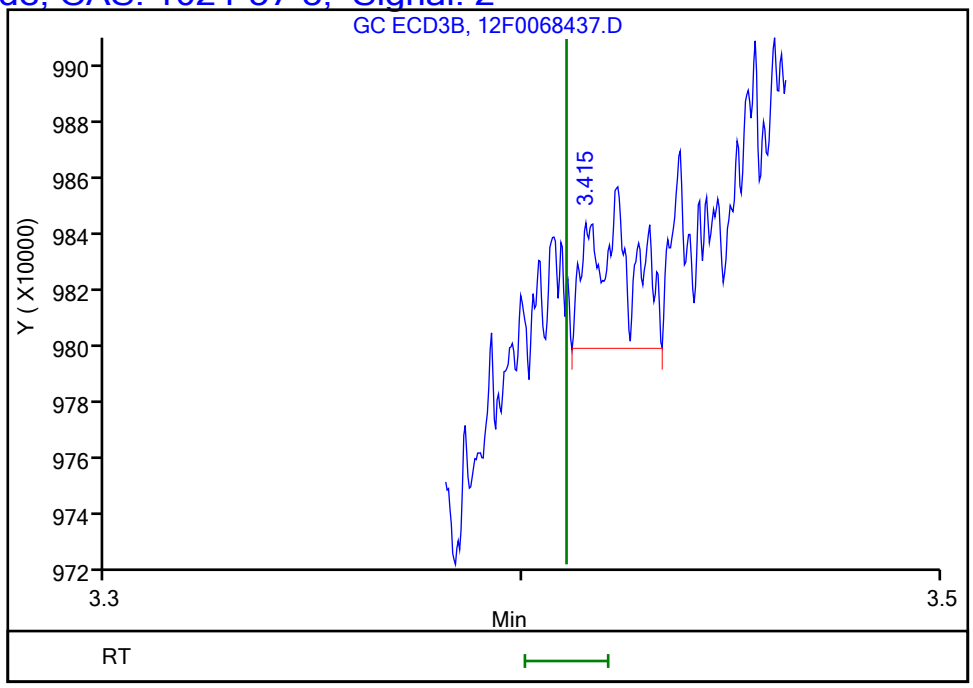
RT: 4.20
Response: 47868
Amount: 0.017789




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41
Response: 39137
Amount: 0.004672




Reviewer: ESS0, 07-Feb-2025 07:15:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068437.D

Injection Date: 07-Feb-2025 06:49:15 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-4-B Lab Sample ID: 460-319954-4

Client ID: RX-22-01_

Operator ID: ALS Bottle#: 23 Worklist Smp#: 23

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

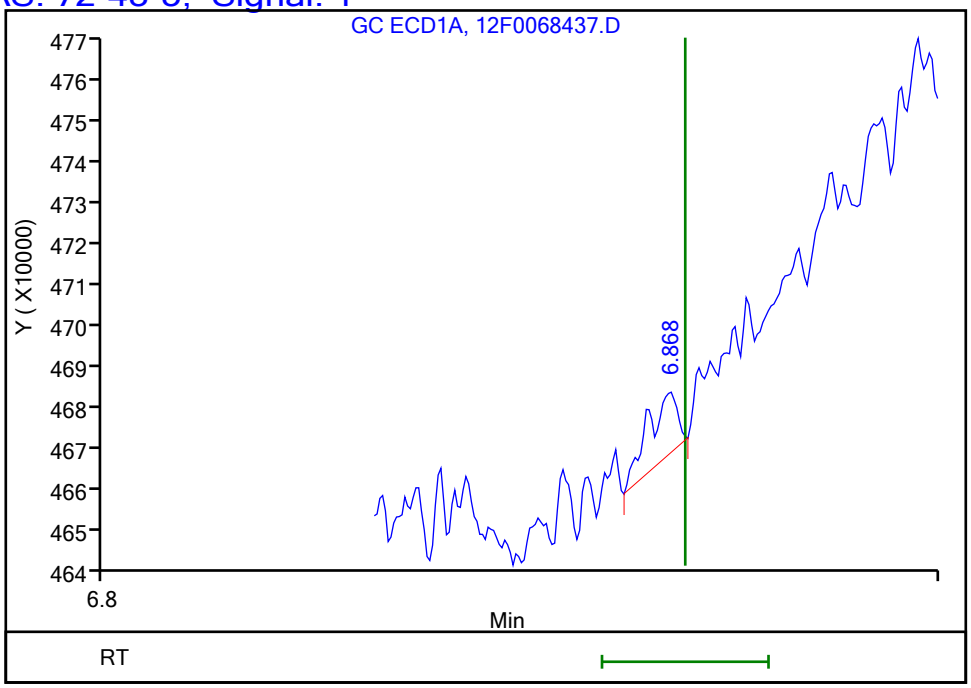
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.87

Response: 3902

Amount: 0.003552



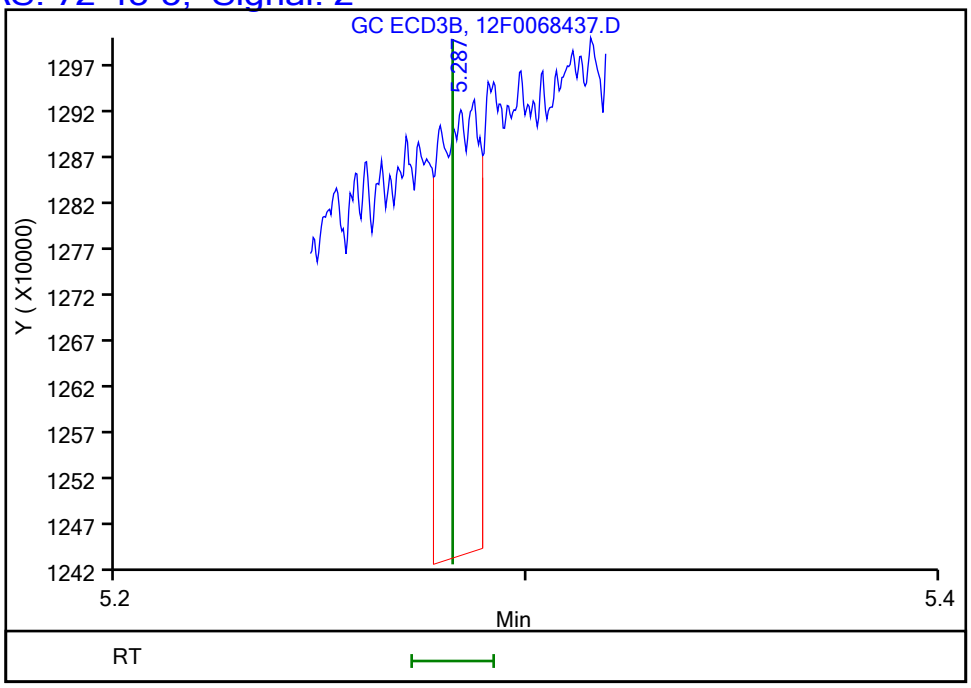

Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29

Response: 327250

Amount: 0.093271




Reviewer: ESS0, 07-Feb-2025 07:15:12

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: 12F0068438.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:30

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 07:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 68 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 57 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Lims ID: 460-319954-E-5-B
Client ID: RX-19-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 07:01:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-024
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:15:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 230685274 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 682831887 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 82693641 | 28.3 | |
| 2 | 1.808 | 1.809 | -0.001 | 231928062 | 25.7 | |
| | | | | | RPD = 9.55 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 78129307 | 34.1 | |
| 2 | 7.326 | 7.328 | -0.002 | 268115095 | 26.7 | |
| | | | | | RPD = 24.21 | |

## QC Flag Legend
Processing Flags

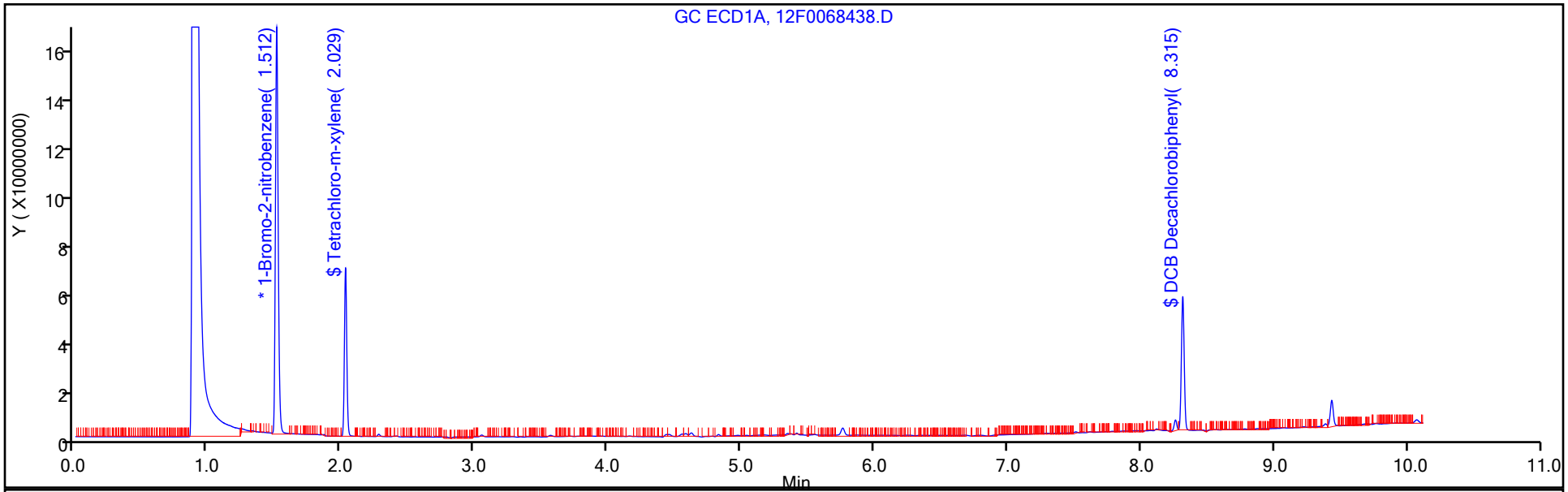
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

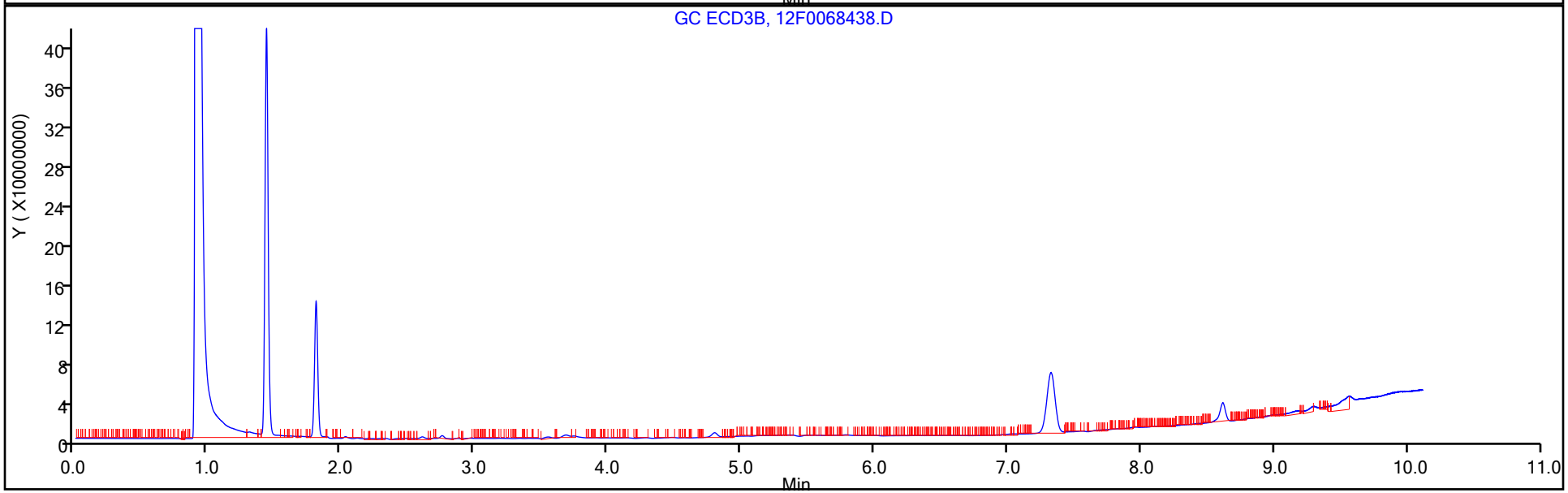
Report Date: 07-Feb-2025 07:29:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:01:28 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-5-B | Lab Sample ID: | 460-319954-5 | Worklist Smp#: | 24 |
| Client ID: | RX-19-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D | | | | |
| Lims ID: | 460-319954-E-5-B | | | | |
| Client ID: | RX-19-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 07:01:28 | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-024 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 07:15:06 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.3 | 56.51 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.1 | 68.10 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 25.7 | 51.37 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 26.7 | 53.40 |

User Disabled Compound Report

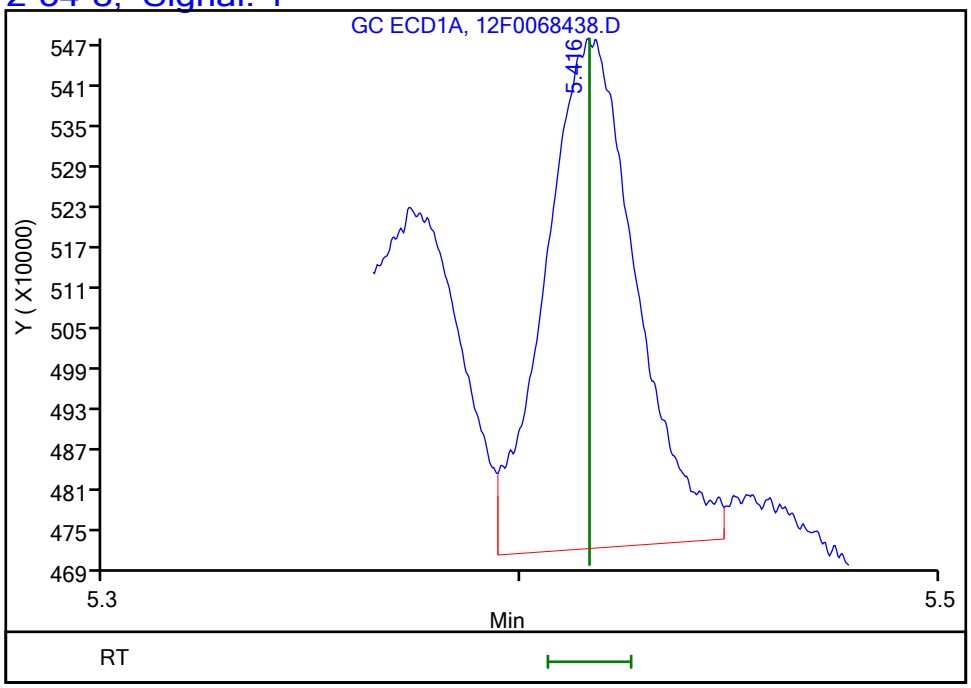
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

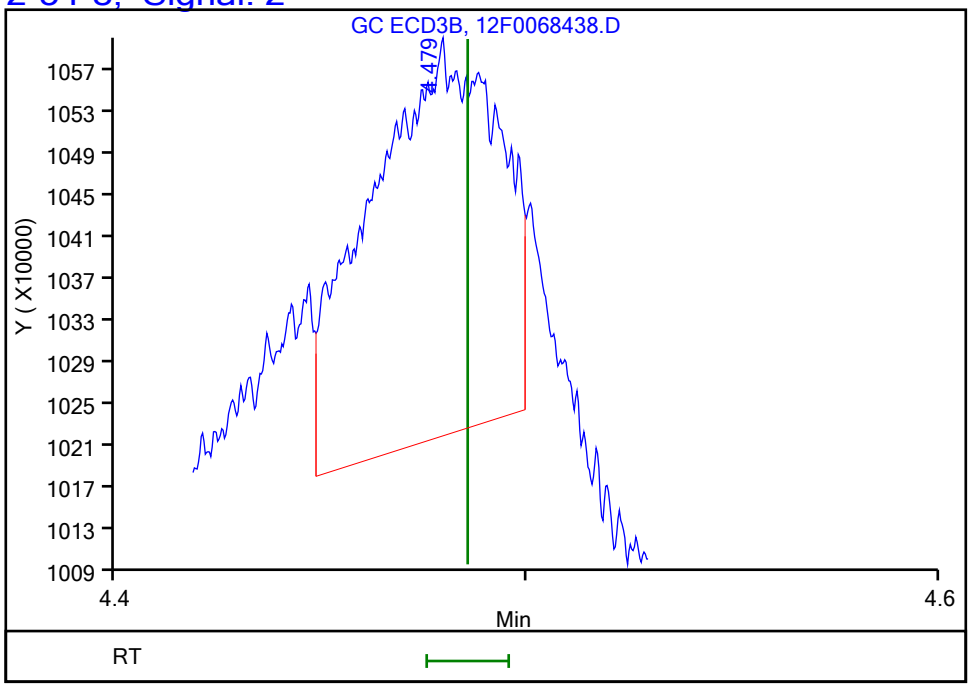
RT: 5.42
Response: 1155120
Amount: 0.443316




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 832822
Amount: 0.129487




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

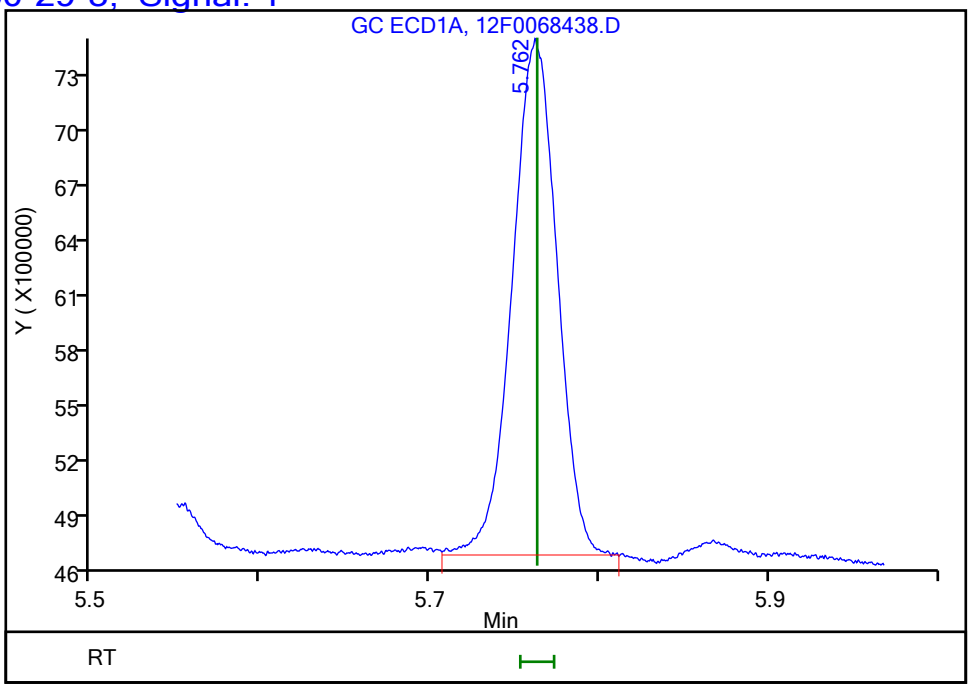
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

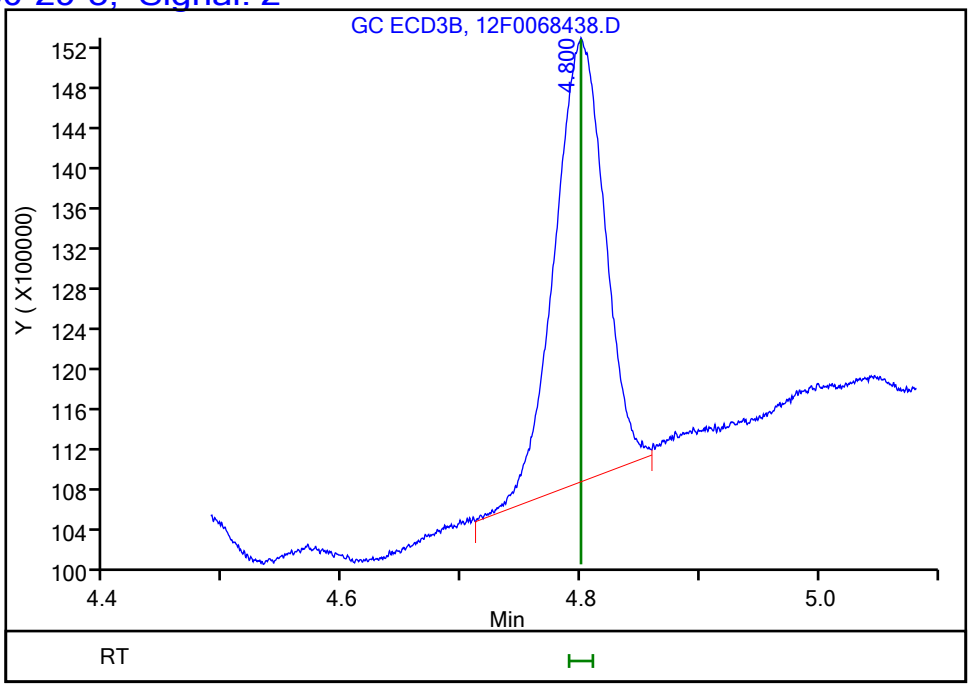
RT: 5.76
Response: 5238455
Amount: 2.521278




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80
Response: 12907712
Amount: 2.057891




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

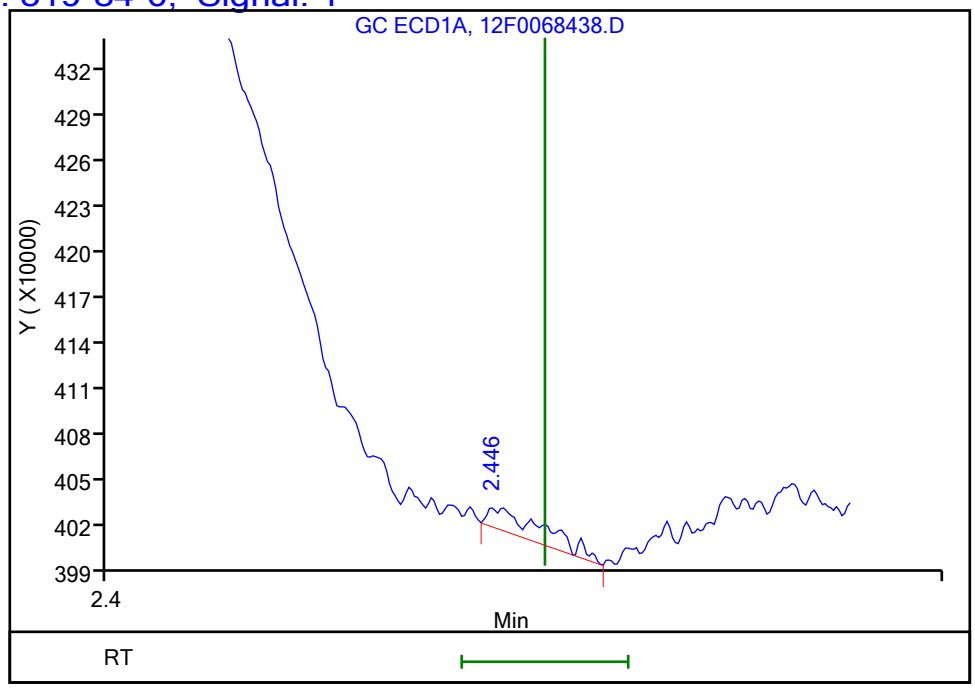
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

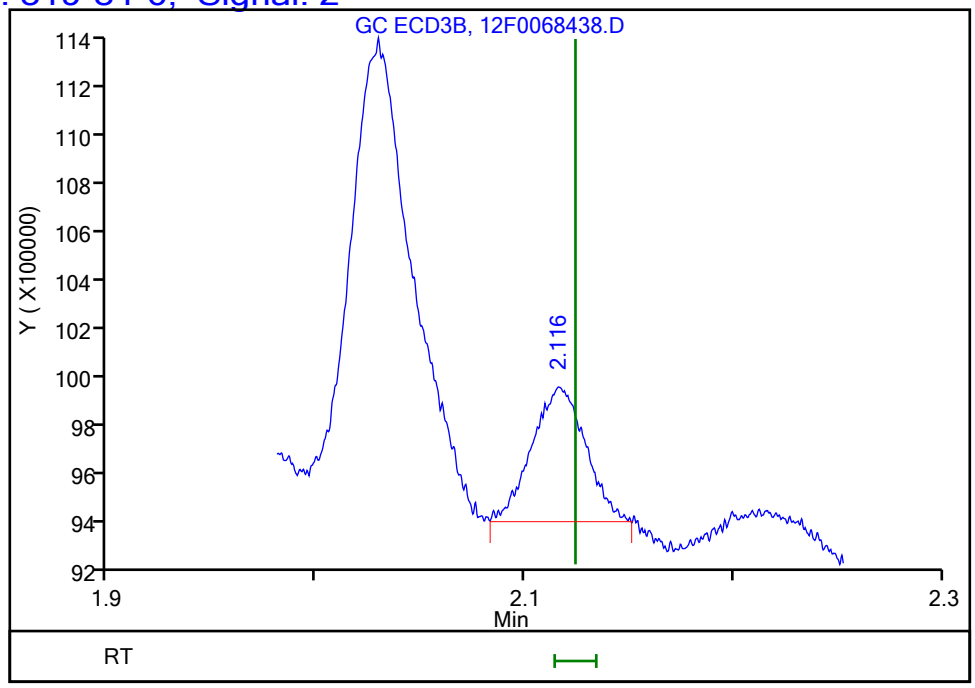
RT: 2.45
Response: 7918
Amount: 0.002029




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 979756
Amount: 0.076892




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

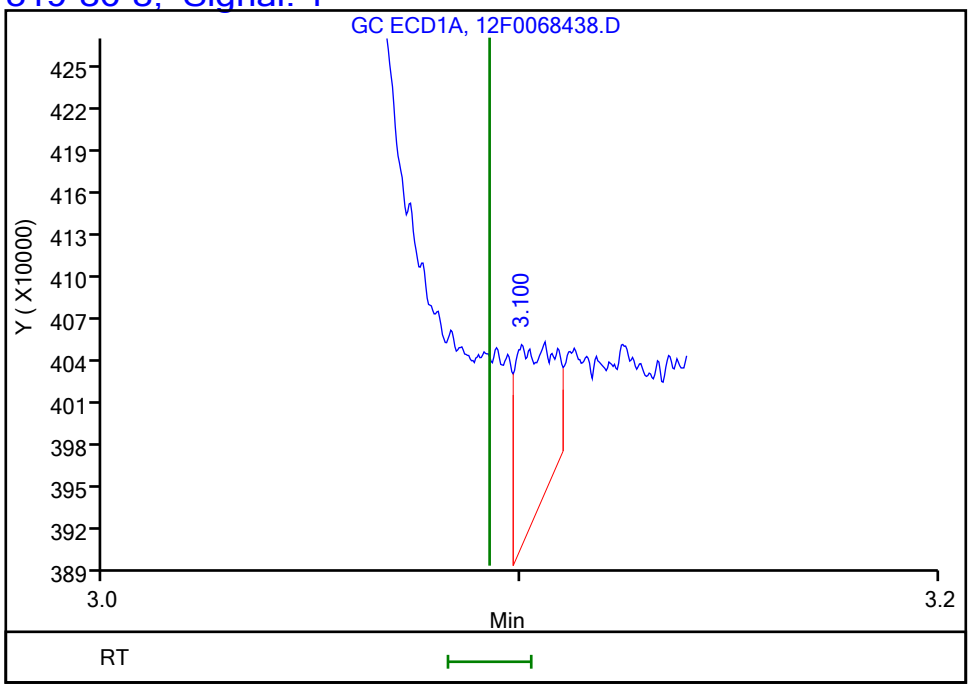
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

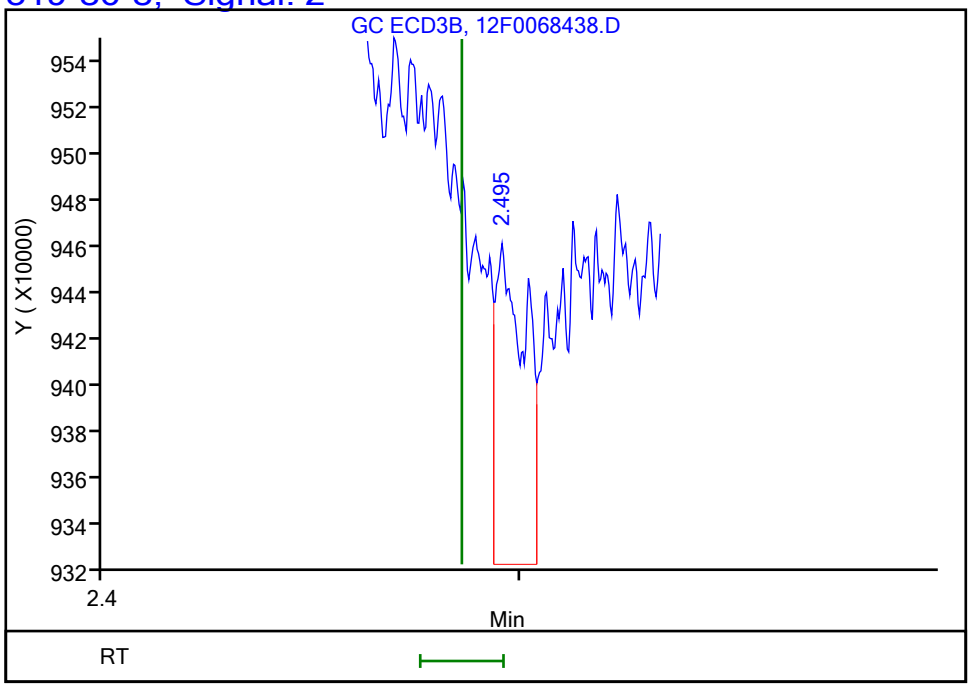
RT: 3.10
Response: 75832
Amount: 0.023207




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.50
Response: 64531
Amount: 0.006259




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5

Client ID: RX-19-01_

Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

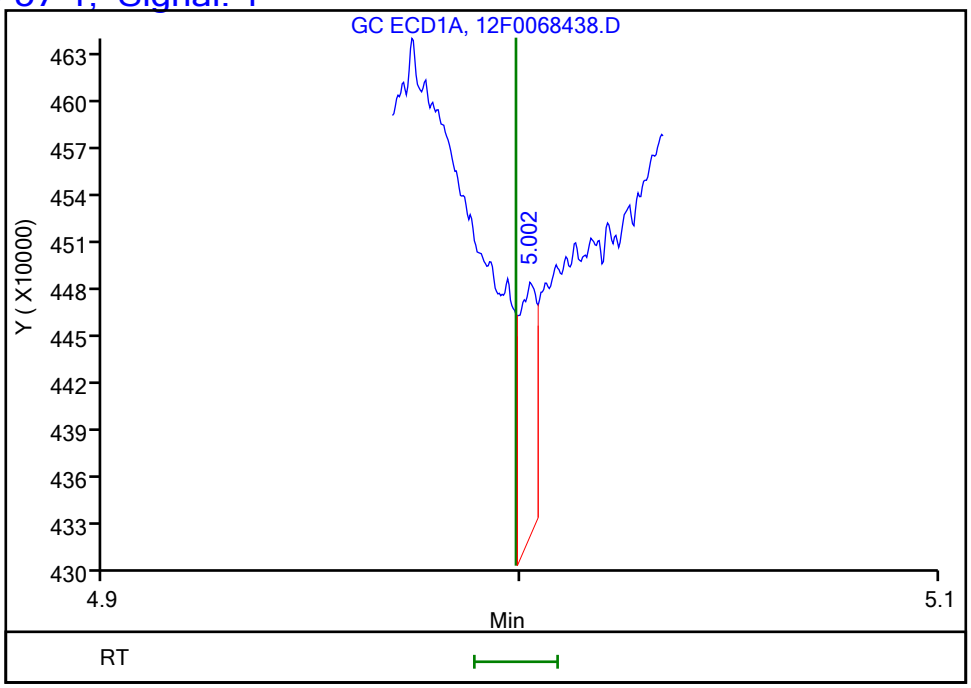
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 46047

Amount: 0.015569



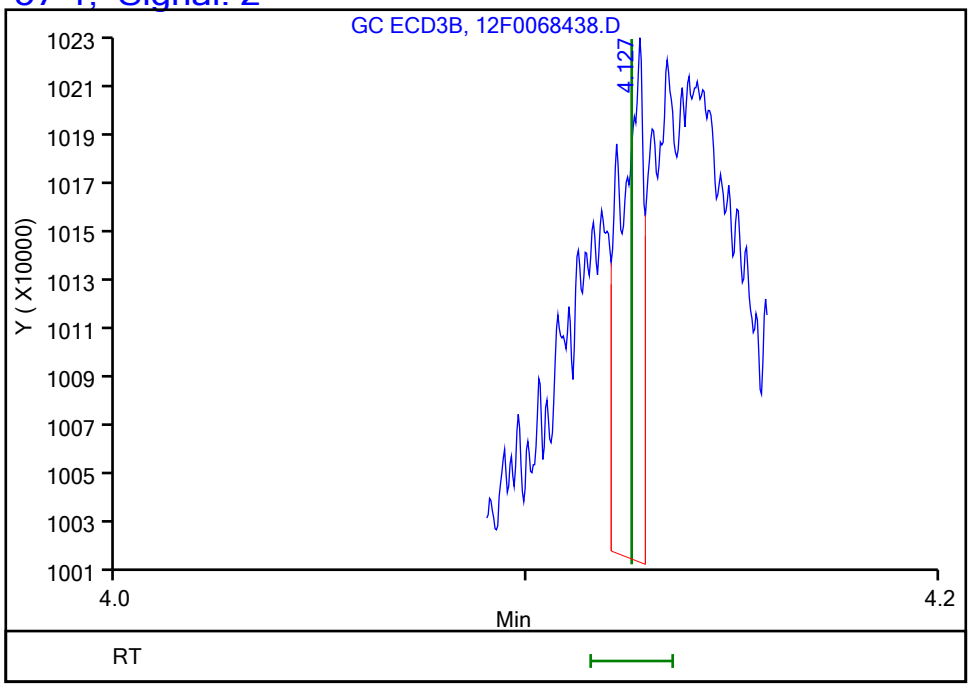

Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.13

Response: 79261

Amount: 0.008549




Reviewer: ESS0, 07-Feb-2025 07:15:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

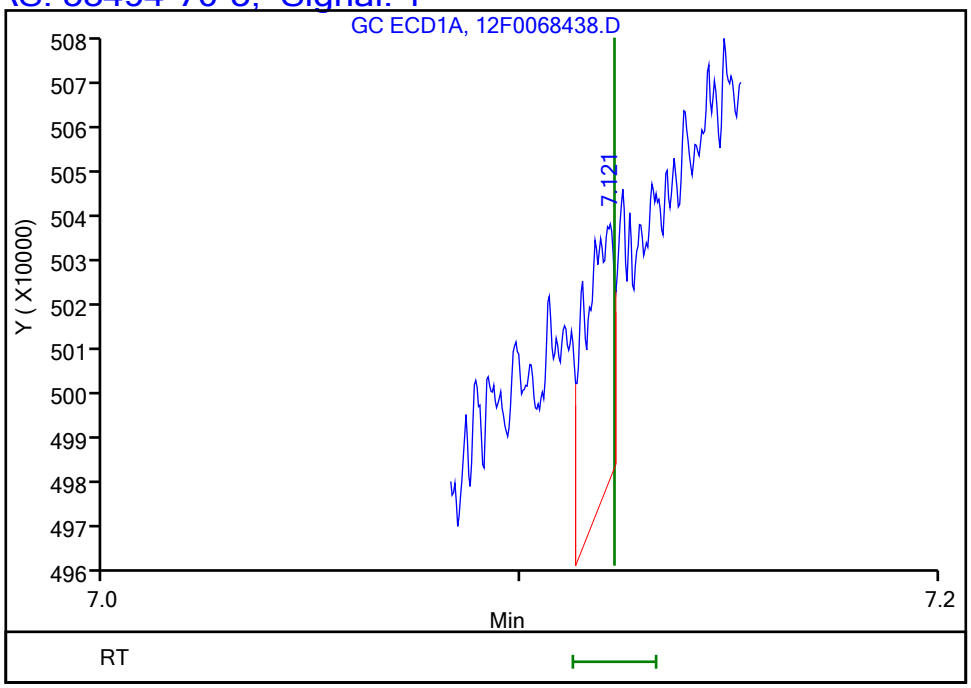
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

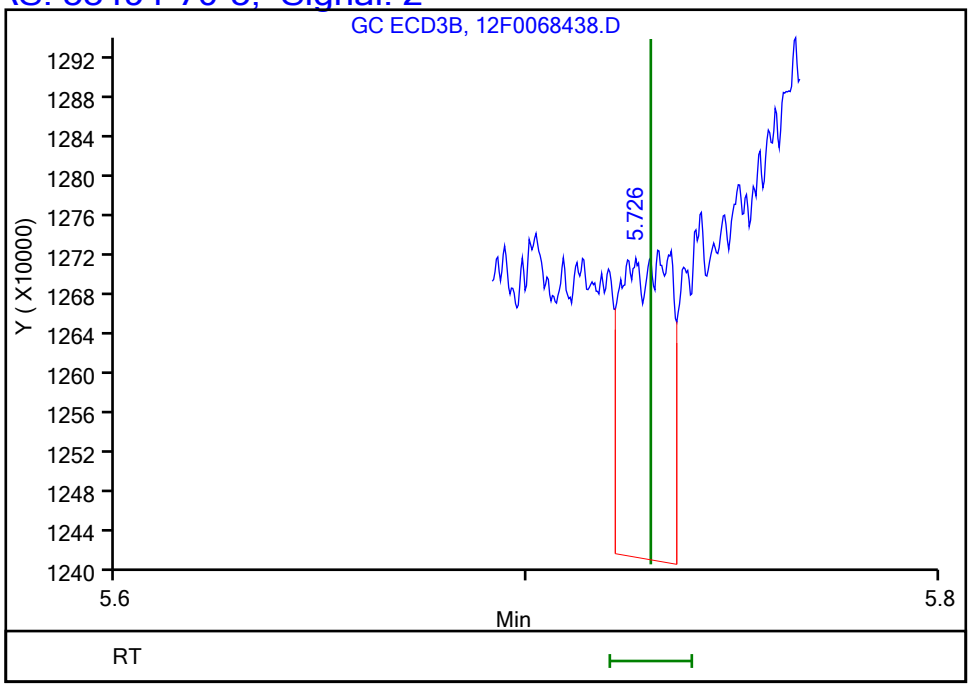
RT: 7.12
Response: 28484
Amount: 0.011162




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73
Response: 252917
Amount: 0.030497




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5

Client ID: RX-19-01_

Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

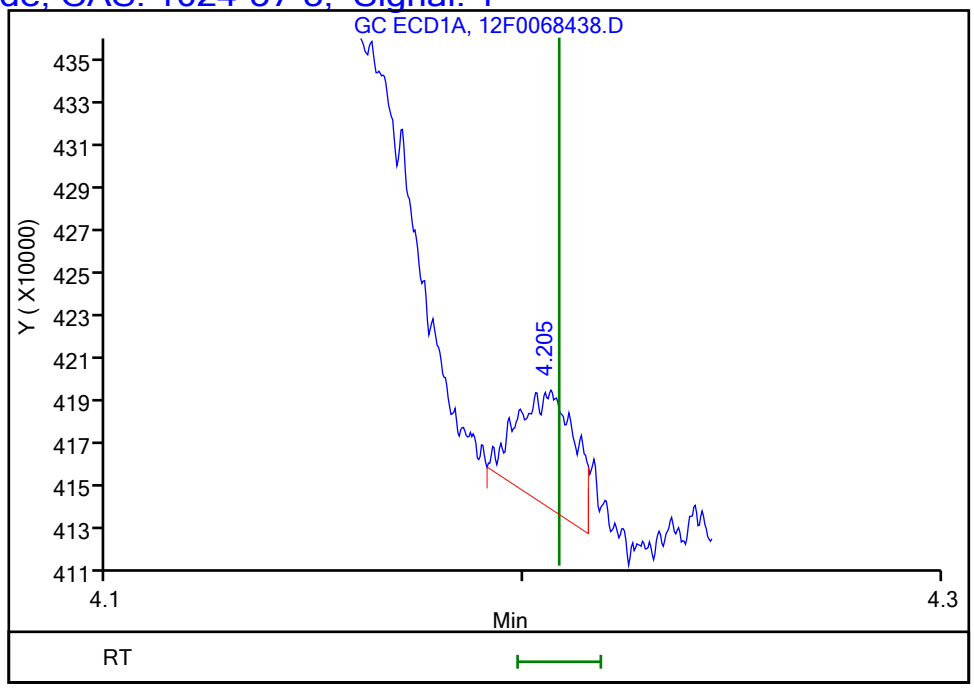
Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

RT: 4.20

Response: 48952

Amount: 0.017834



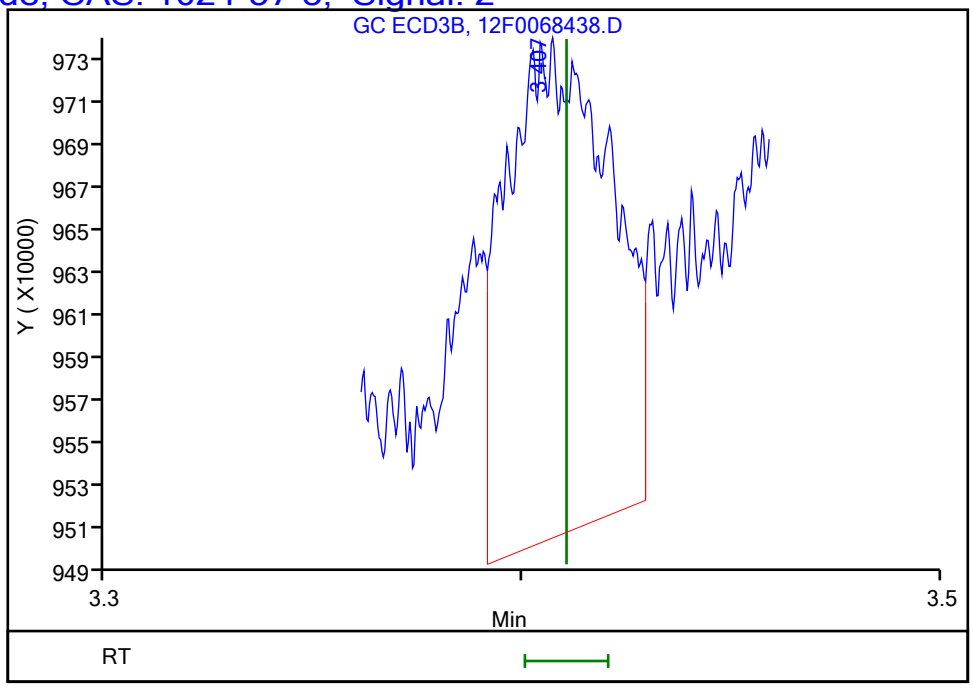

Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41

Response: 401540

Amount: 0.045575




Reviewer: ESS0, 07-Feb-2025 07:15:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: 12F0068438.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:30

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 07:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0012 |
| 72-55-9 | 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00081 |
| 50-29-3 | 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0013 |
| 309-00-2 | Aldrin | 0.0068 | U | 0.0068 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00077 |
| 12789-03-6 | Chlordane (technical) | 0.068 | U | 0.068 | 0.017 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00042 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00089 |
| 959-98-8 | Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0068 | U | 0.0068 | 0.0018 |
| 1031-07-8 | Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00086 |
| 72-20-8 | Endrin | 0.0068 | U | 0.0068 | 0.00098 |
| 7421-93-4 | Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 |
| 76-44-8 | Heptachlor | 0.0068 | U | 0.0068 | 0.00081 |
| 1024-57-3 | Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0068 | U | 0.0068 | 0.0016 |
| 8001-35-2 | Toxaphene | 0.068 | U | 0.068 | 0.025 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 53 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 51 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Lims ID: 460-319954-E-5-B
Client ID: RX-19-01_
Sample Type: Client
Inject. Date: 07-Feb-2025 07:01:28 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-024
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:15:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 230685274 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 682831887 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 82693641 | 28.3 | |
| 2 | 1.808 | 1.809 | -0.001 | 231928062 | 25.7 | |
| | | | | | RPD = 9.55 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.315 | 8.316 | -0.001 | 78129307 | 34.1 | |
| 2 | 7.326 | 7.328 | -0.002 | 268115095 | 26.7 | |
| | | | | | RPD = 24.21 | |

## QC Flag Legend
Processing Flags

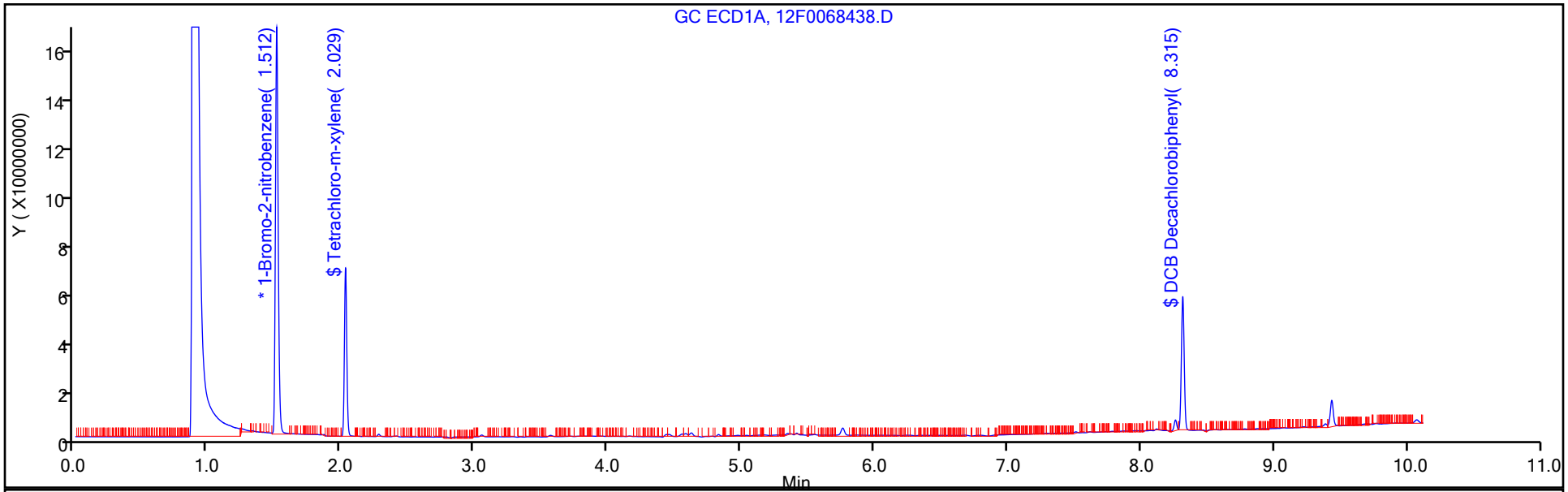
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

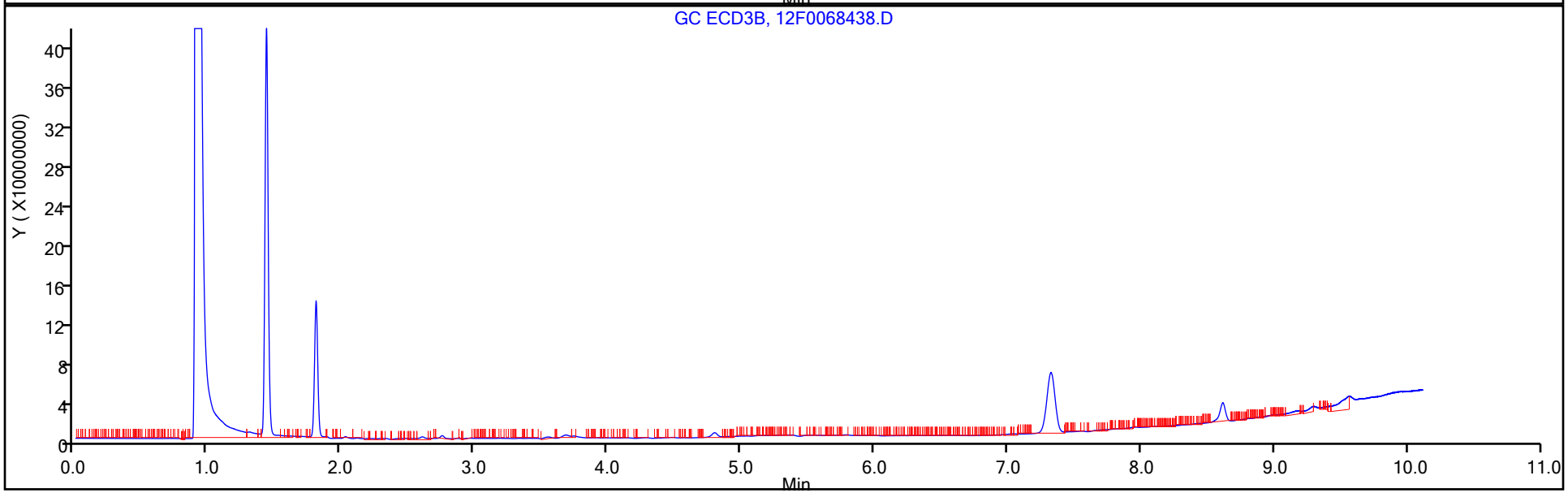
Report Date: 07-Feb-2025 07:29:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:01:28 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-5-B | Lab Sample ID: | 460-319954-5 | Worklist Smp#: | 24 |
| Client ID: | RX-19-01_ | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D | | | | |
| Lims ID: | 460-319954-E-5-B | | | | |
| Client ID: | RX-19-01_ | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 07:01:28 | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-024 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:28:50 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: ESS0 | | Date: | 07-Feb-2025 07:15:06 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 28.3 | 56.51 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.1 | 68.10 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 25.7 | 51.37 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 26.7 | 53.40 |

User Disabled Compound Report

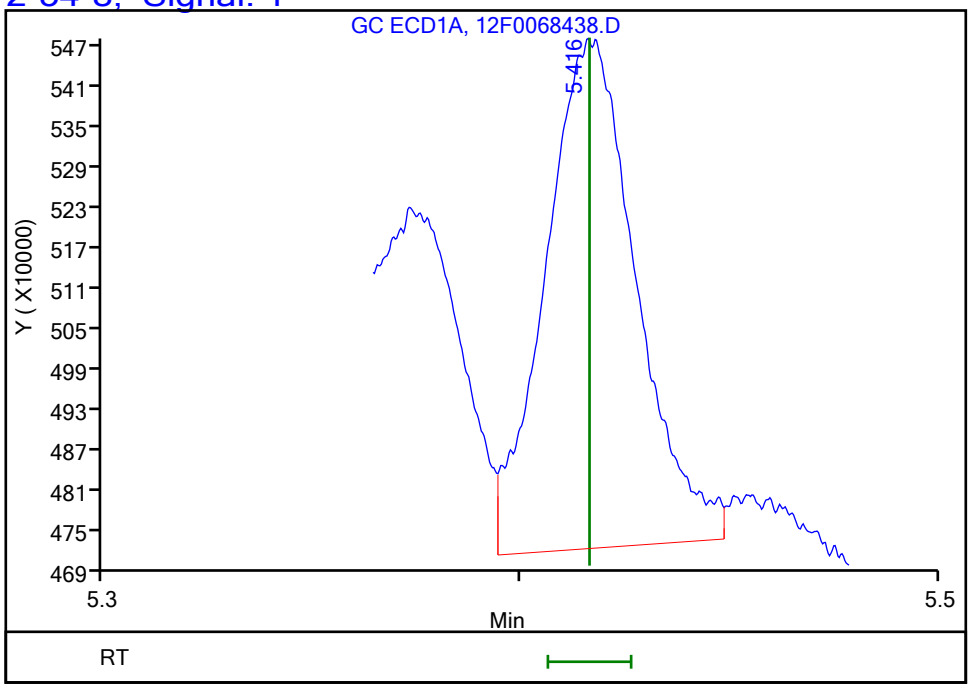
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

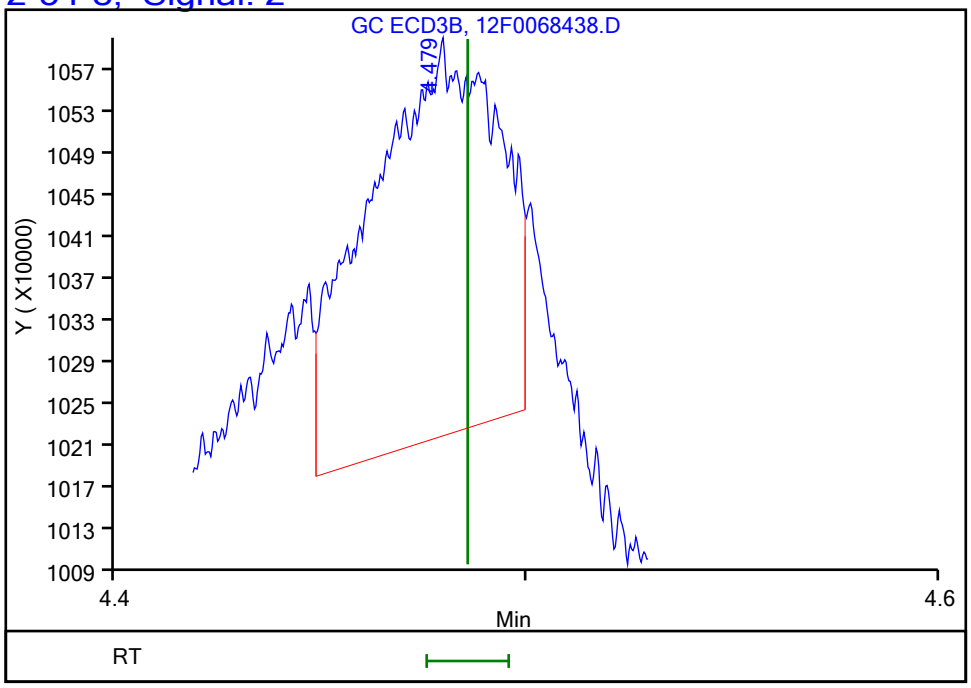
RT: 5.42
Response: 1155120
Amount: 0.443316




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 832822
Amount: 0.129487




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5

Client ID: RX-19-01_

Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

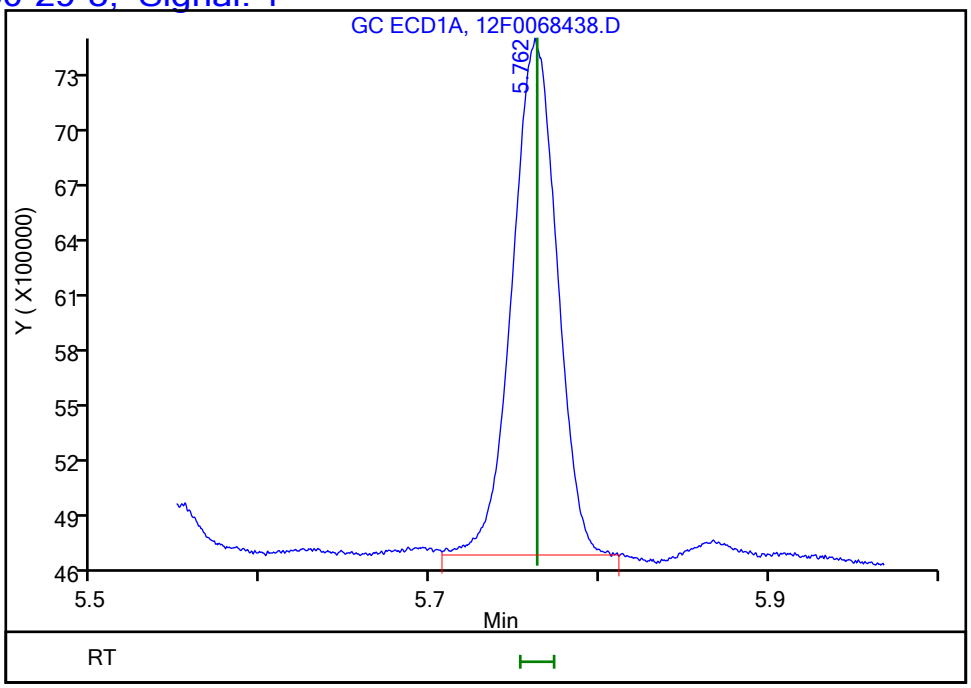
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.76

Response: 5238455

Amount: 2.521278



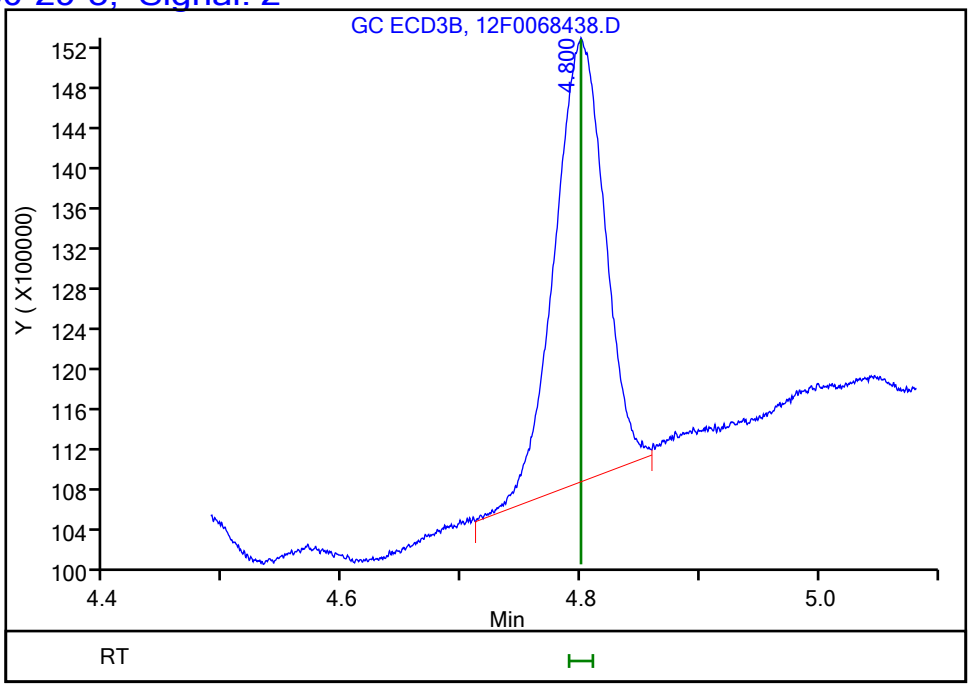

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80

Response: 12907712

Amount: 2.057891




Reviewer: ESS0, 07-Feb-2025 07:15:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

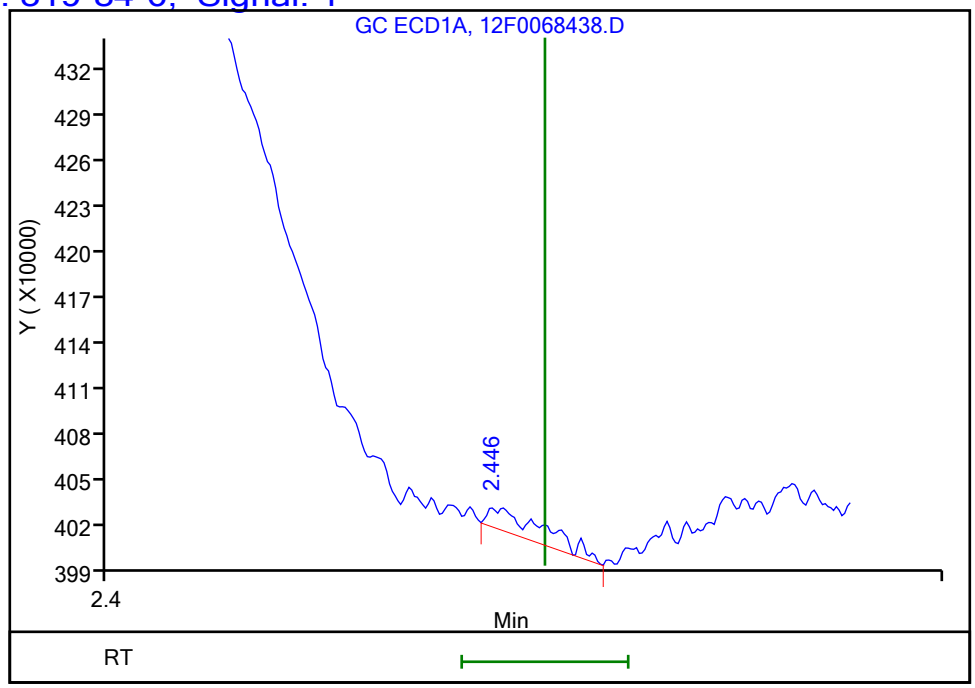
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

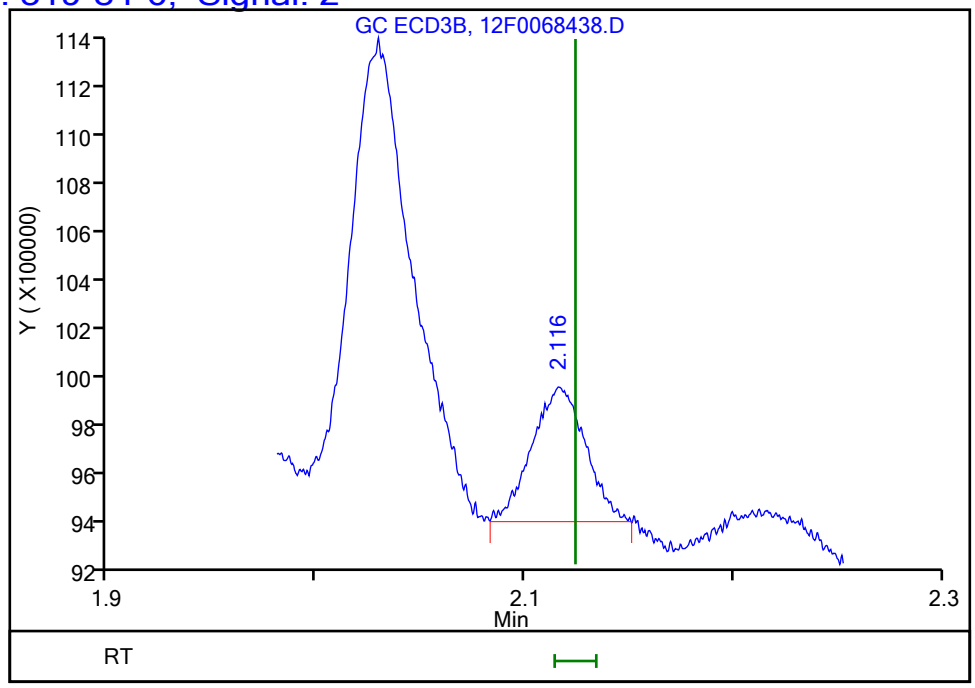
RT: 2.45
Response: 7918
Amount: 0.002029




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 979756
Amount: 0.076892




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5

Client ID: RX-19-01_

Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

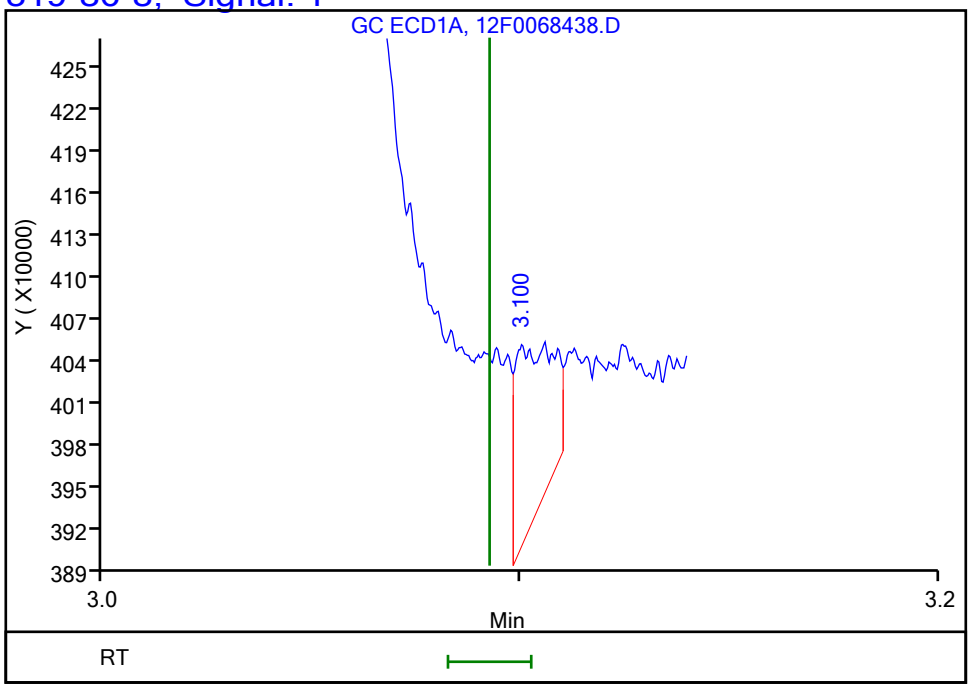
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.10

Response: 75832

Amount: 0.023207



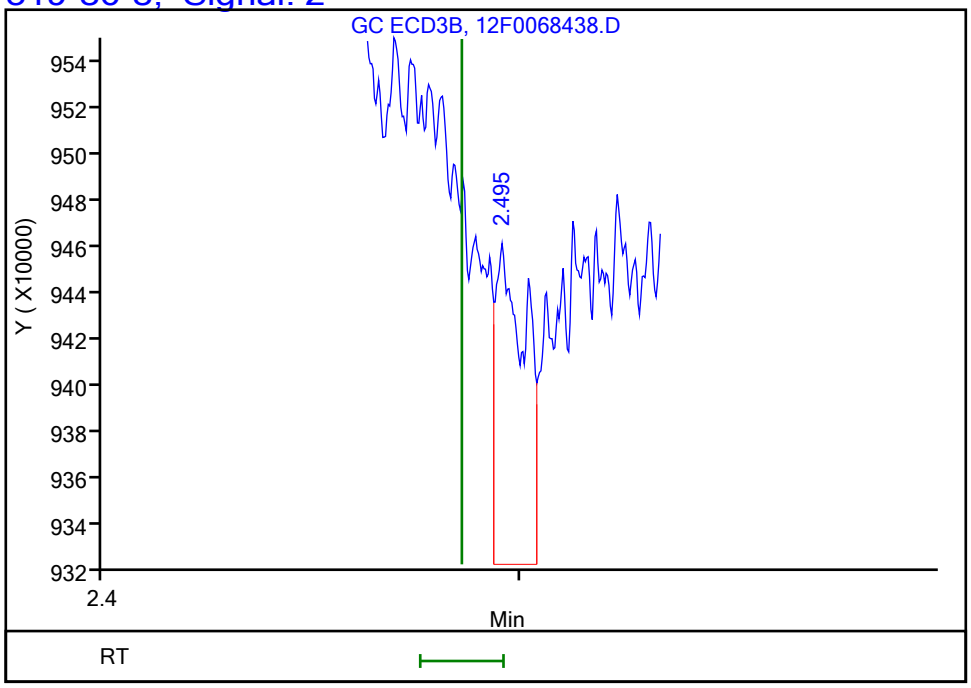

Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.50

Response: 64531

Amount: 0.006259




Reviewer: ESS0, 07-Feb-2025 07:15:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D

Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5

Client ID: RX-19-01_

Operator ID: ALS Bottle#: 24 Worklist Smp#: 24

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

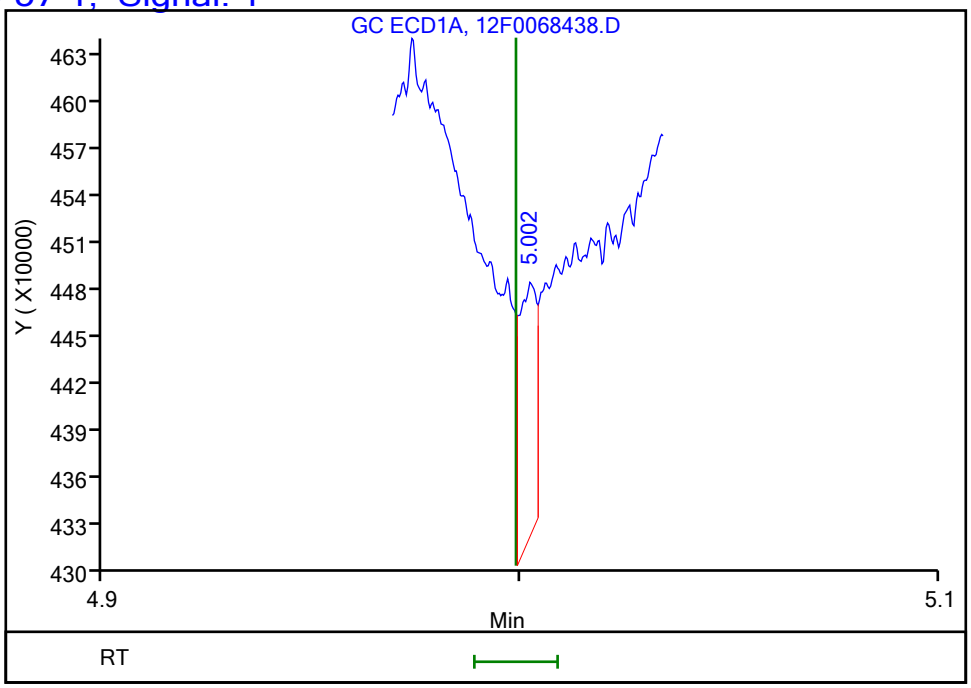
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 5.00

Response: 46047

Amount: 0.015569



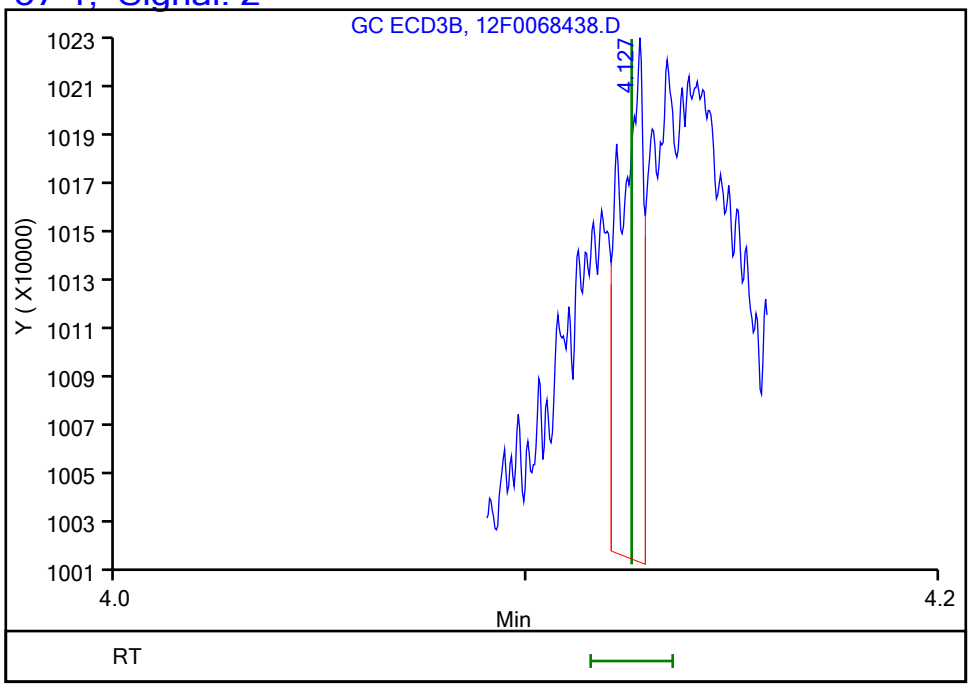

Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.13

Response: 79261

Amount: 0.008549




Reviewer: ESS0, 07-Feb-2025 07:15:06

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

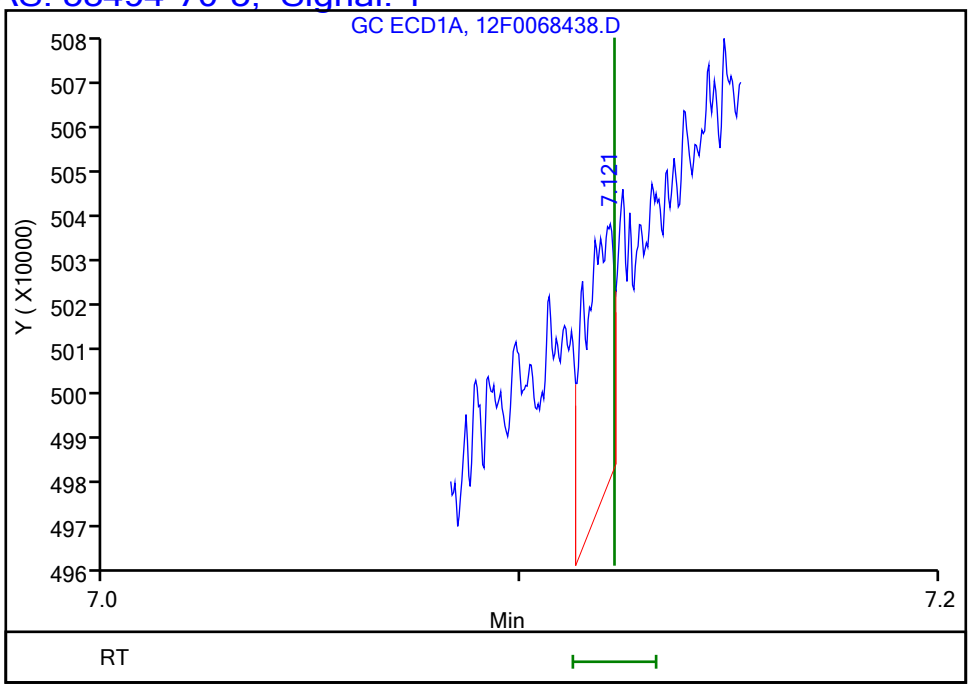
User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

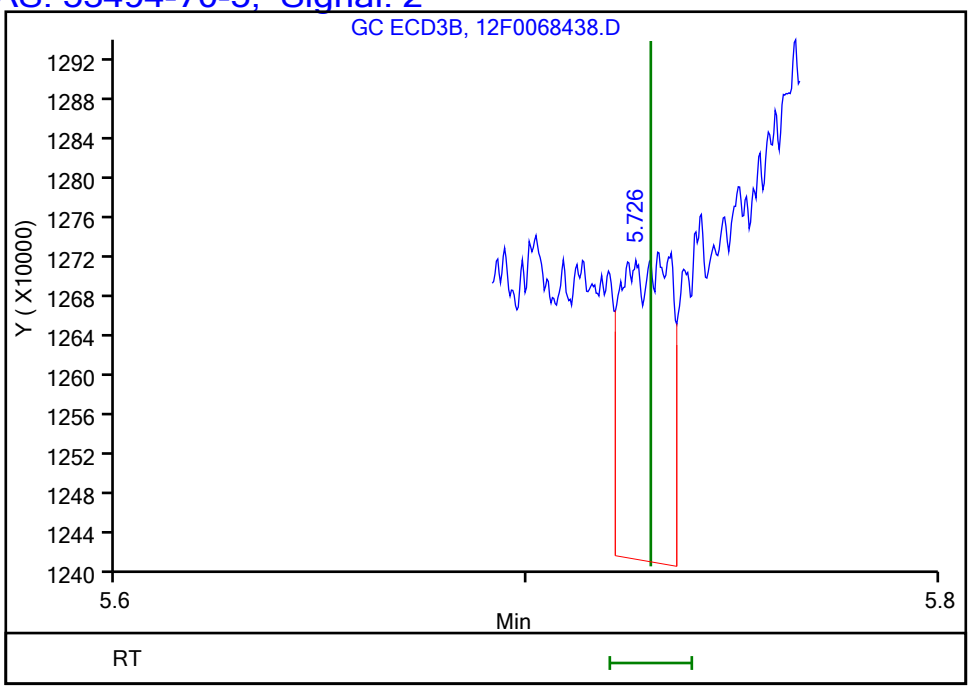
RT: 7.12
Response: 28484
Amount: 0.011162




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73
Response: 252917
Amount: 0.030497




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

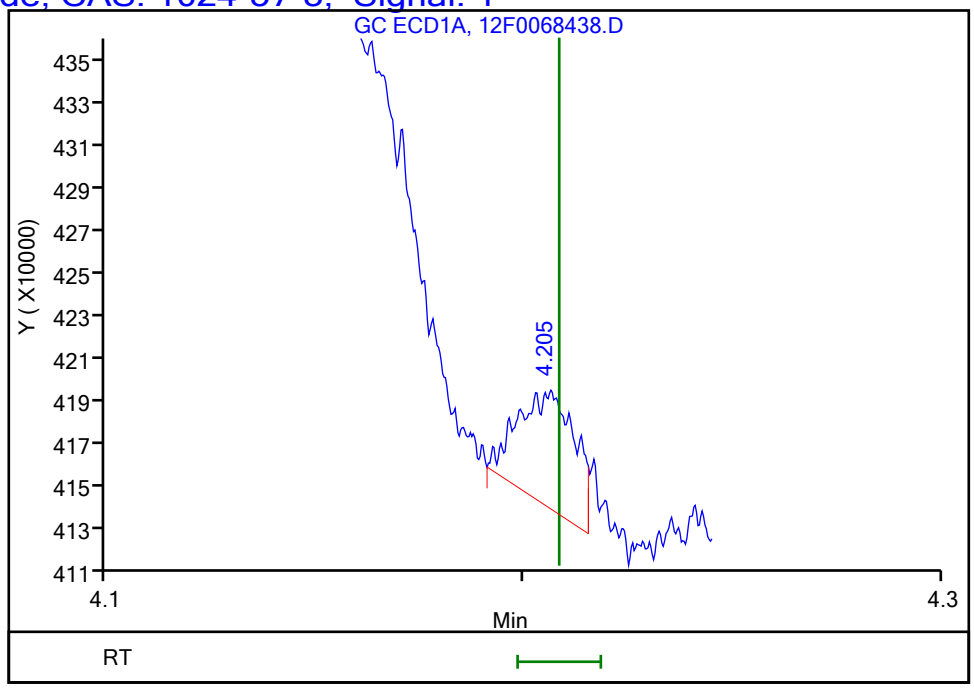
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068438.D
Injection Date: 07-Feb-2025 07:01:28 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-5-B Lab Sample ID: 460-319954-5
Client ID: RX-19-01_
Operator ID: ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

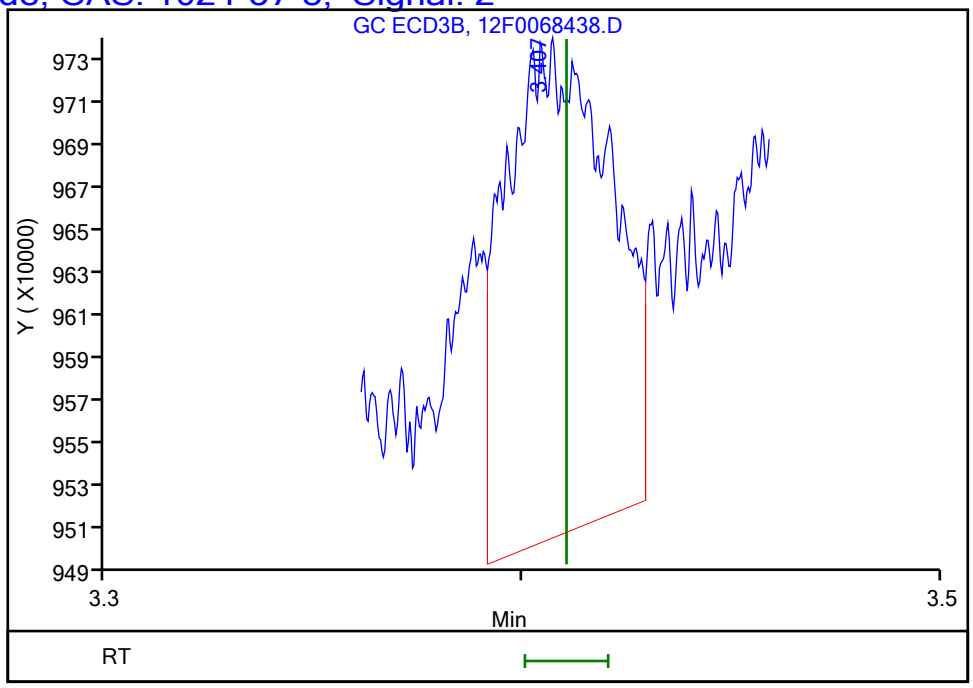
RT: 4.20
Response: 48952
Amount: 0.017834




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.41
Response: 401540
Amount: 0.045575




Reviewer: ESS0, 07-Feb-2025 07:15:06
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: 12F0068439.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:00

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.08(g) | Date Analyzed: 02/07/2025 07:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 89 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 74 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Lims ID: 460-319954-E-6-B
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 07:13:41 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-025
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 11-Feb-2025 10:24:31 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1677

First Level Reviewer: BLD3 Date: 11-Feb-2025 10:24:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 220162813 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 653025024 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 102853500 | 36.8 | |
| 2 | 1.807 | 1.809 | -0.002 | 289637338 | 33.5 | |
| | | | | | RPD = 9.35 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | M |
| 1 | 8.315 | 8.316 | -0.001 | 97053968 | 44.3 | |
| 2 | 7.326 | 7.328 | -0.002 | 338867251 | 35.3 | M |
| | | | | | RPD = 22.70 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

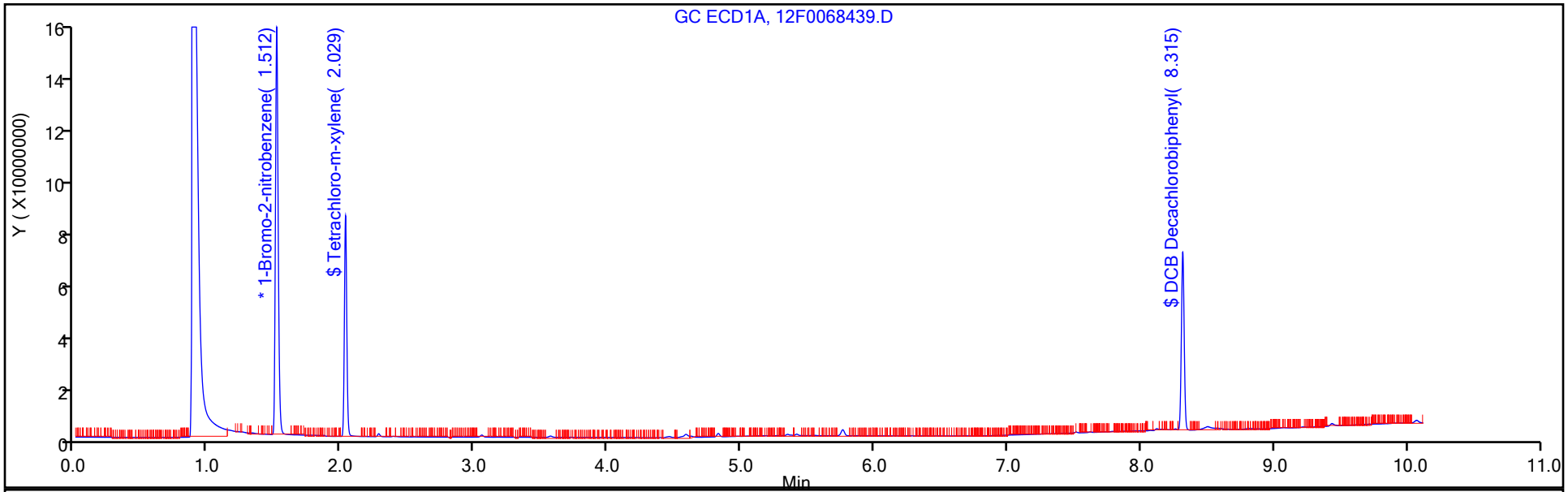
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

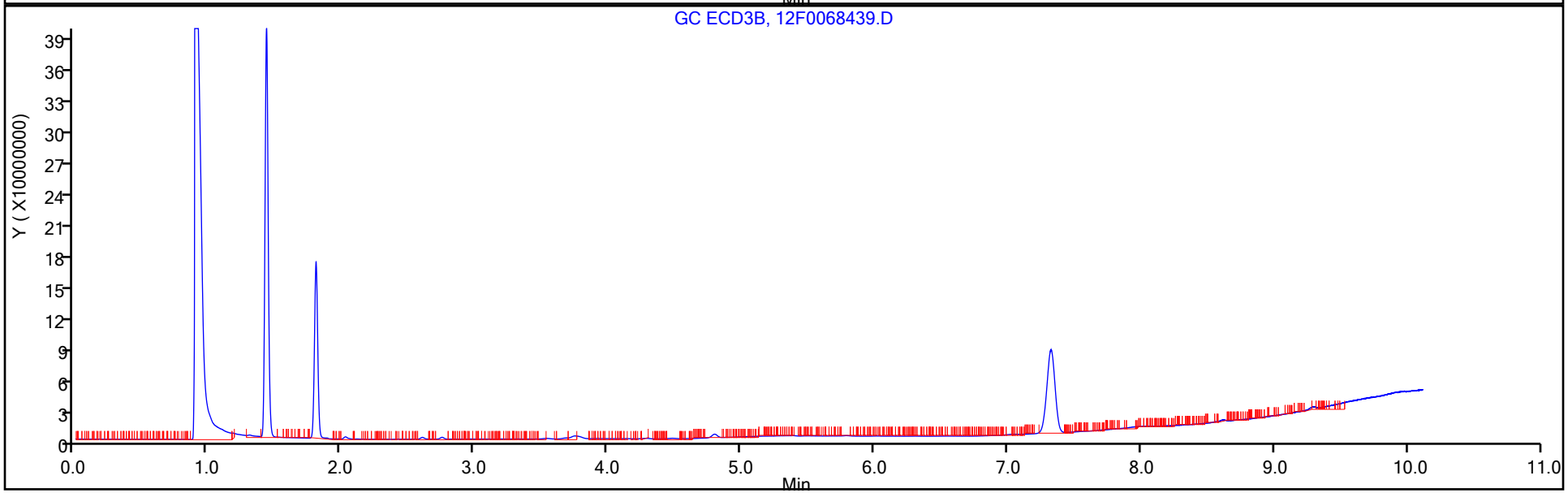
Report Date: 11-Feb-2025 10:24:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:13:41 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-6-B | Lab Sample ID: | 460-319954-6 | Worklist Smp#: | 25 |
| Client ID: | DUP_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D | | | | |
| Lims ID: | 460-319954-E-6-B | | | | |
| Client ID: | DUP_02052025 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 07:13:41 | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186626-025 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC12 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 11-Feb-2025 10:24:31 | Calib Date: | 22-Jan-2025 13:43:50 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1677 | | | | |
| First Level Reviewer: BLD3 | | Date: | 11-Feb-2025 10:24:31 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.8 | 73.65 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 44.3 | 88.64 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 33.5 | 67.07 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 35.3 | 70.57 |

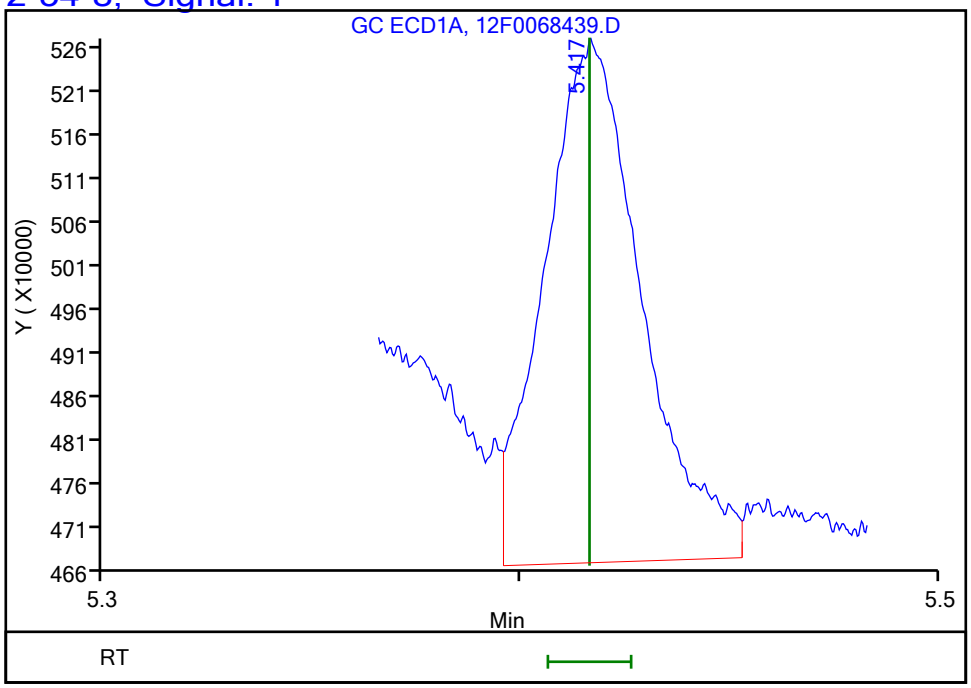
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

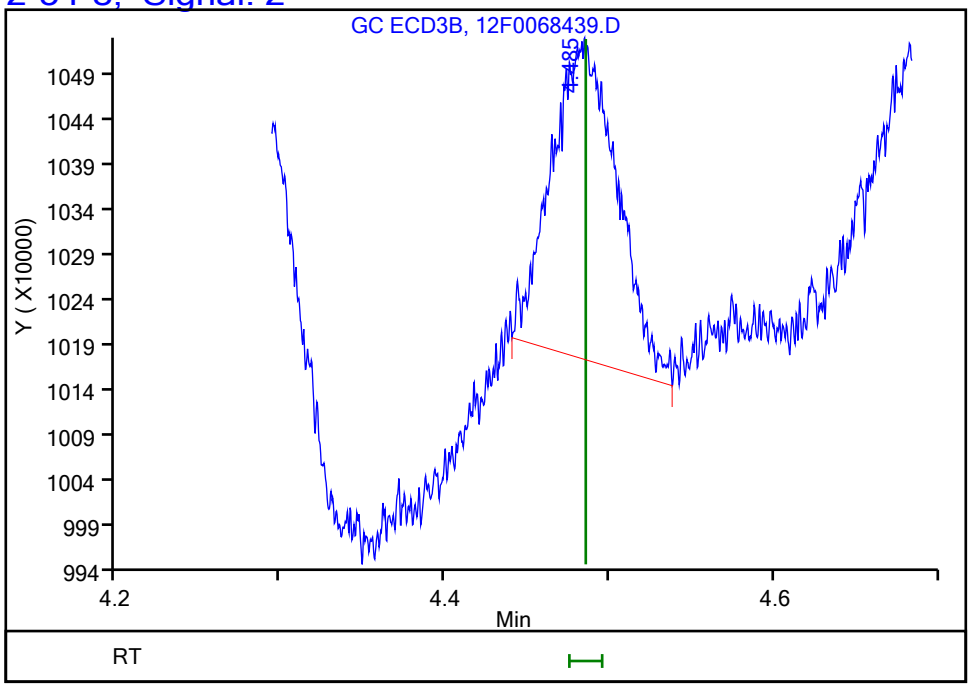
RT: 5.42
Response: 964062
Amount: 0.387674




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 984976
Amount: 0.160134




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

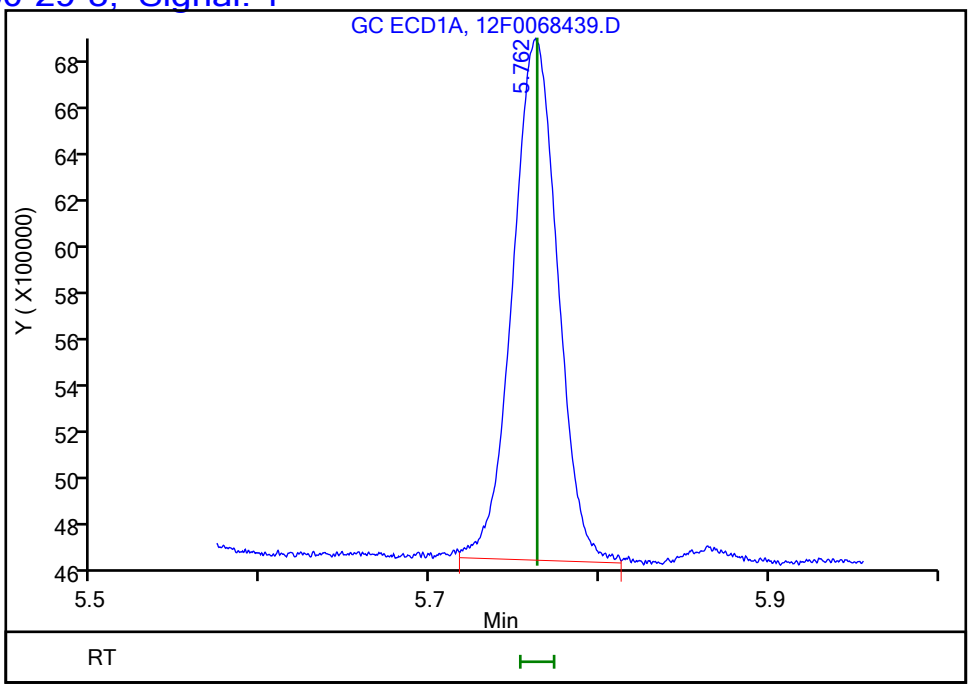
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.76

Response: 4184621

Amount: 2.110326



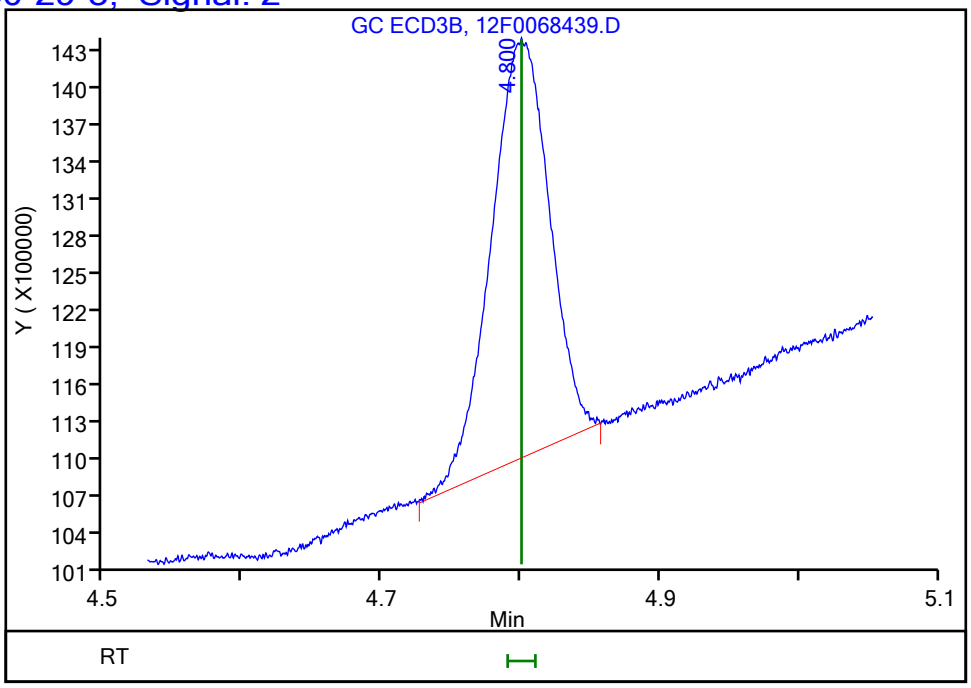

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80

Response: 10005861

Amount: 1.668060




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

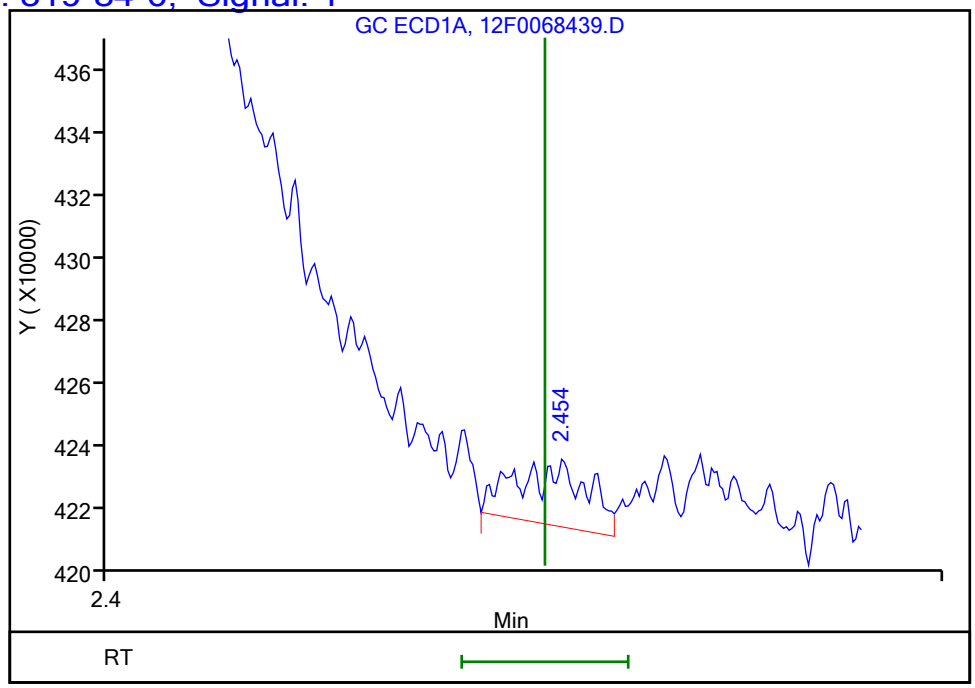
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

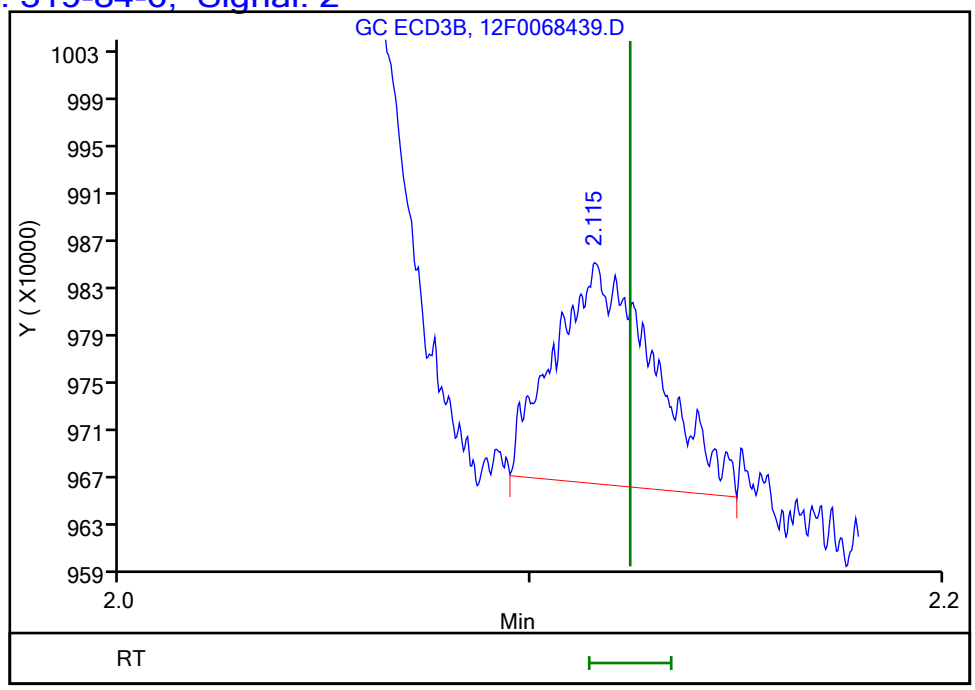
RT: 2.45
Response: 11164
Amount: 0.002997




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 315815
Amount: 0.025917




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

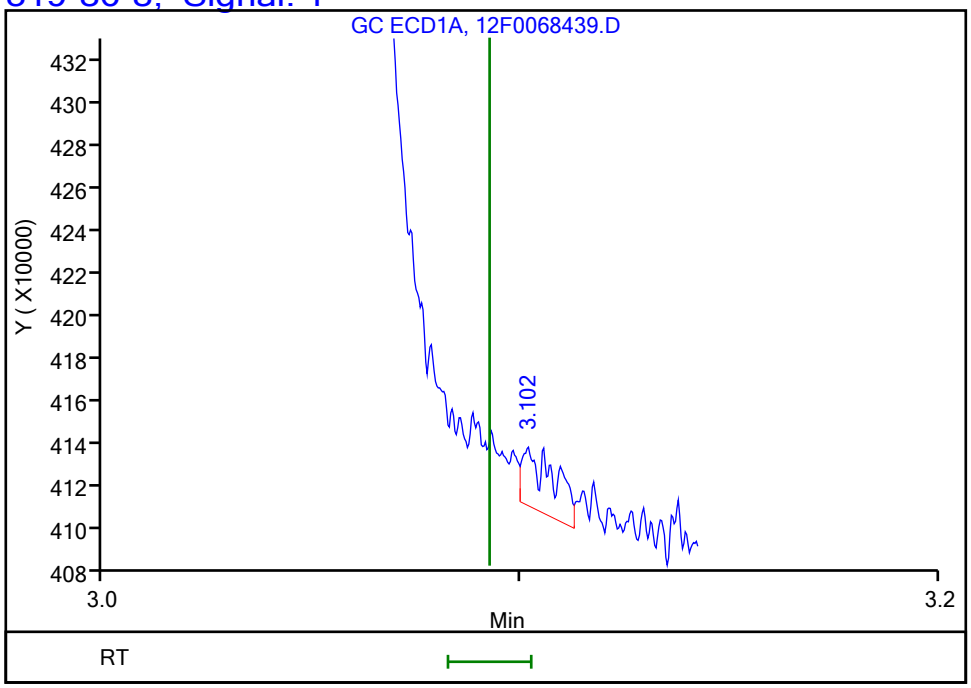
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.10

Response: 15107

Amount: 0.004844



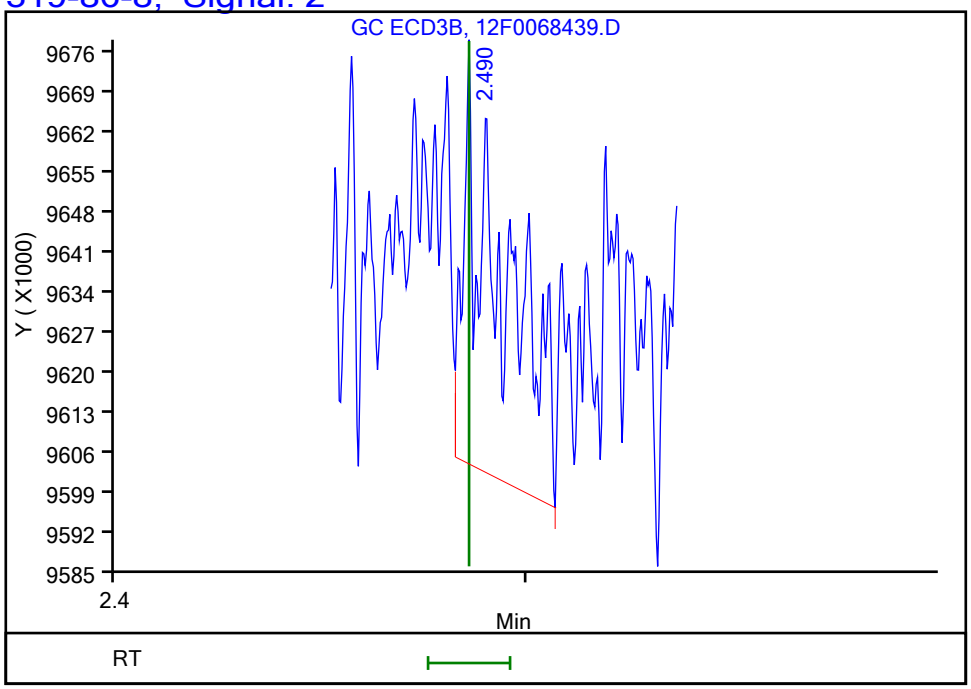

Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.49

Response: 49300

Amount: 0.005000




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

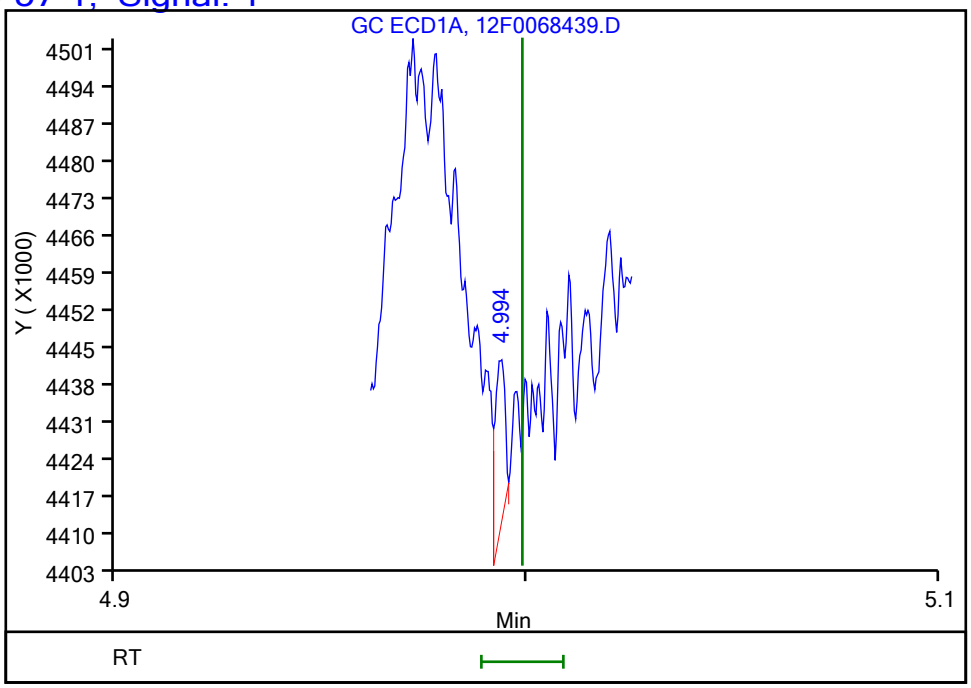
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

| | | | |
|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:13:41 | Instrument ID: | CPESTGC12 |
| Lims ID: | 460-319954-E-6-B | Lab Sample ID: | 460-319954-6 |
| Client ID: | DUP_02052025 | | |
| Operator ID: | | ALS Bottle#: | 25 Worklist Smp#: 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD |
| Column: | | Detector | GC ECD1A |

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

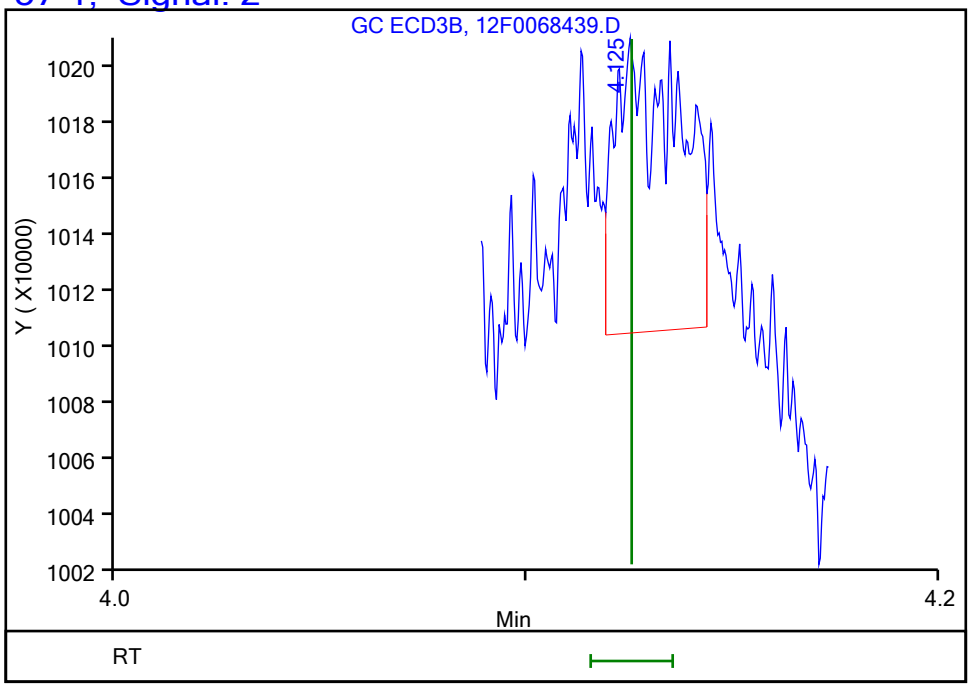
RT: 4.99
Response: 5141
Amount: 0.001821




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12
Response: 110330
Amount: 0.012443




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

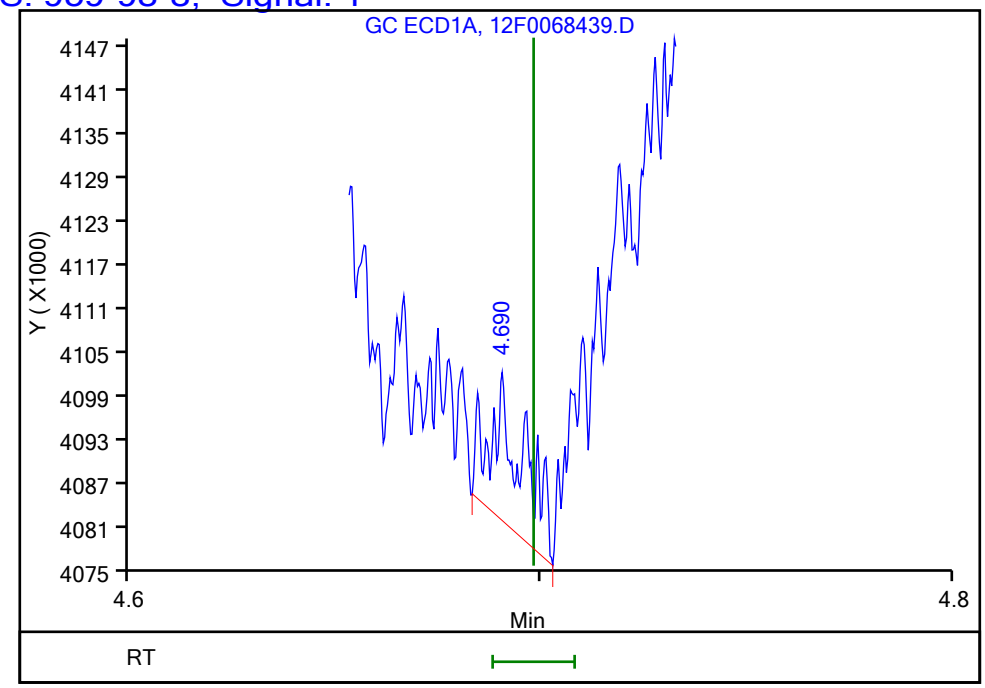
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8, Signal: 1

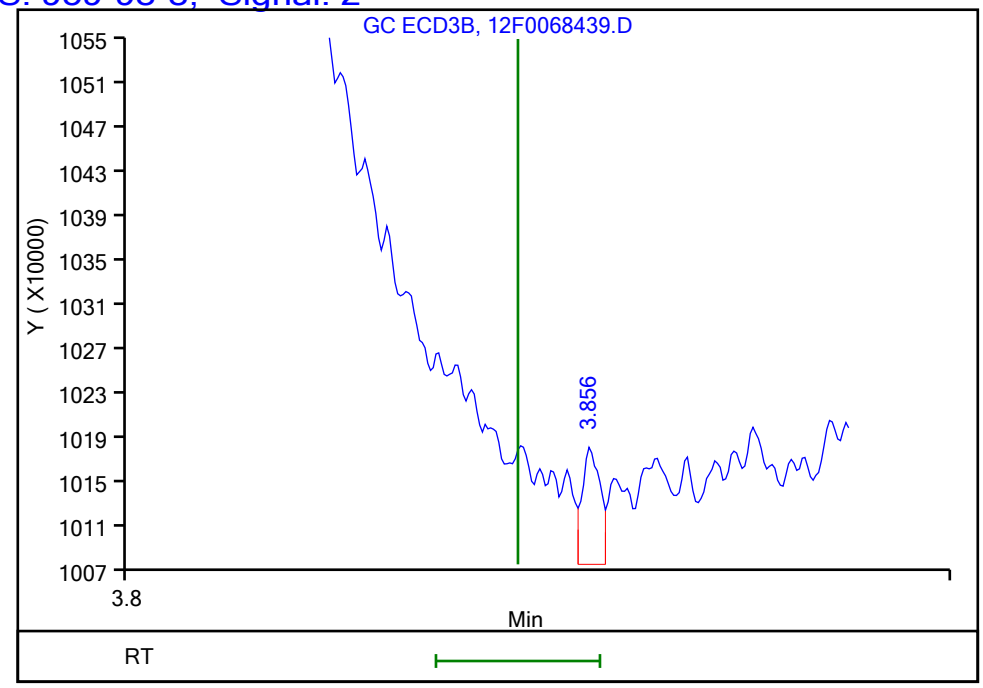
RT: 4.69
Response: 11414
Amount: 0.004729




Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.86
Response: 15384
Amount: 0.002020




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

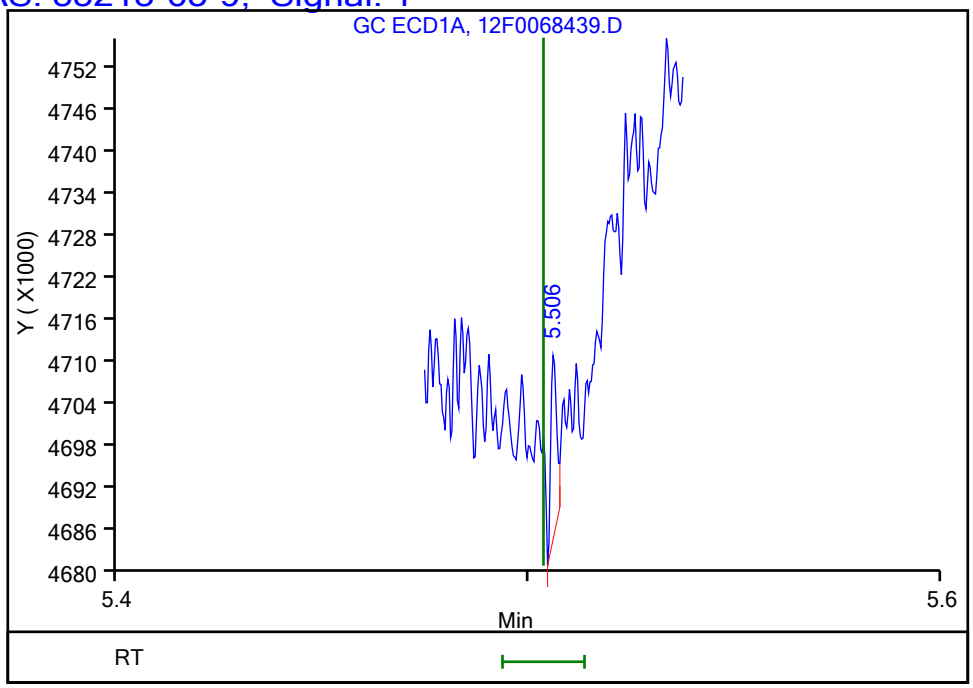
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.51

Response: 2566

Amount: 0.001160



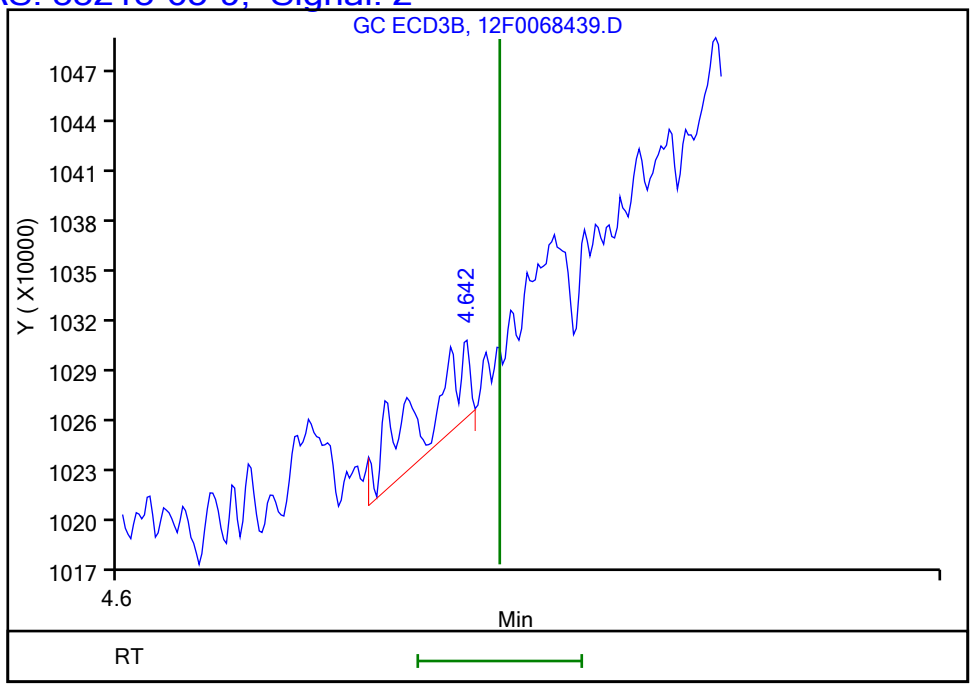

Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.64

Response: 20149

Amount: 0.003166




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

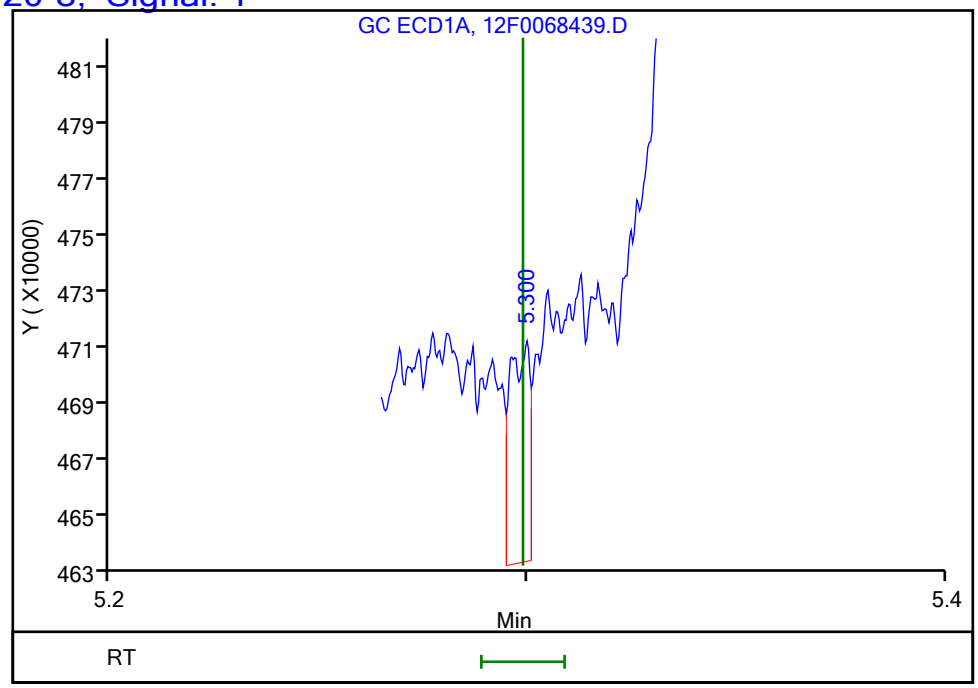
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8, Signal: 1

RT: 5.30

Response: 24158

Amount: 0.010176




Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.39

Response: 17283

Amount: 0.002428

Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

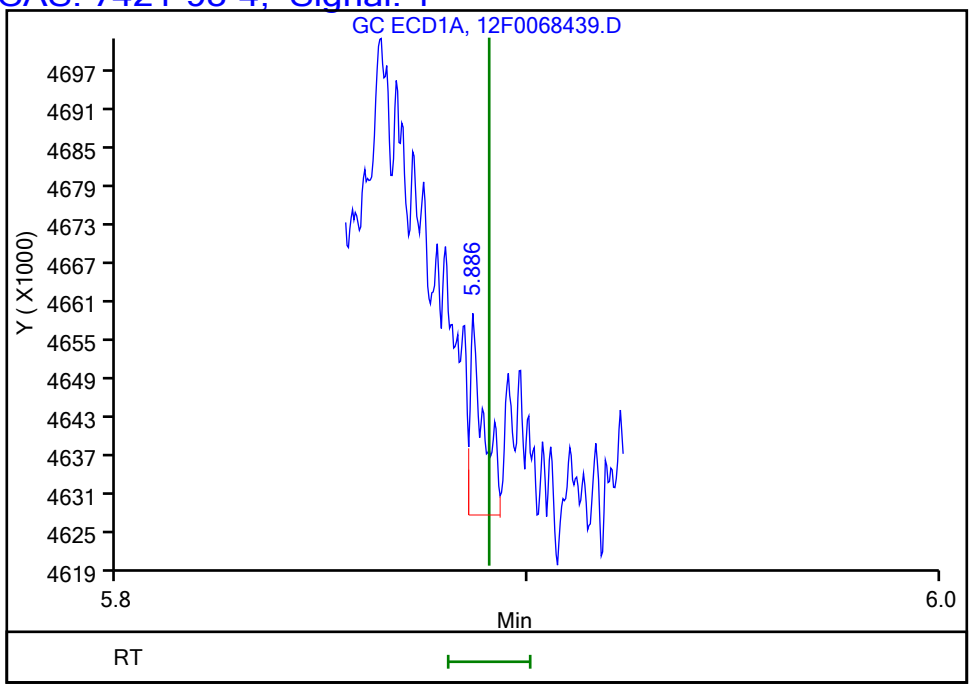
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

RT: 5.89

Response: 6830

Amount: 0.003800



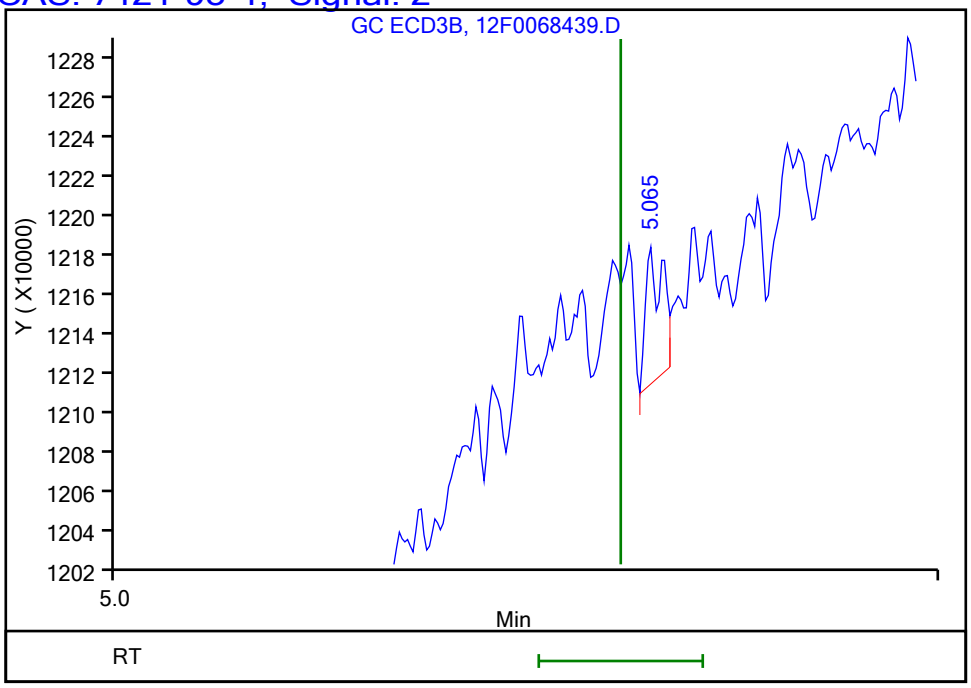

Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.07

Response: 9435

Amount: 0.001558




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

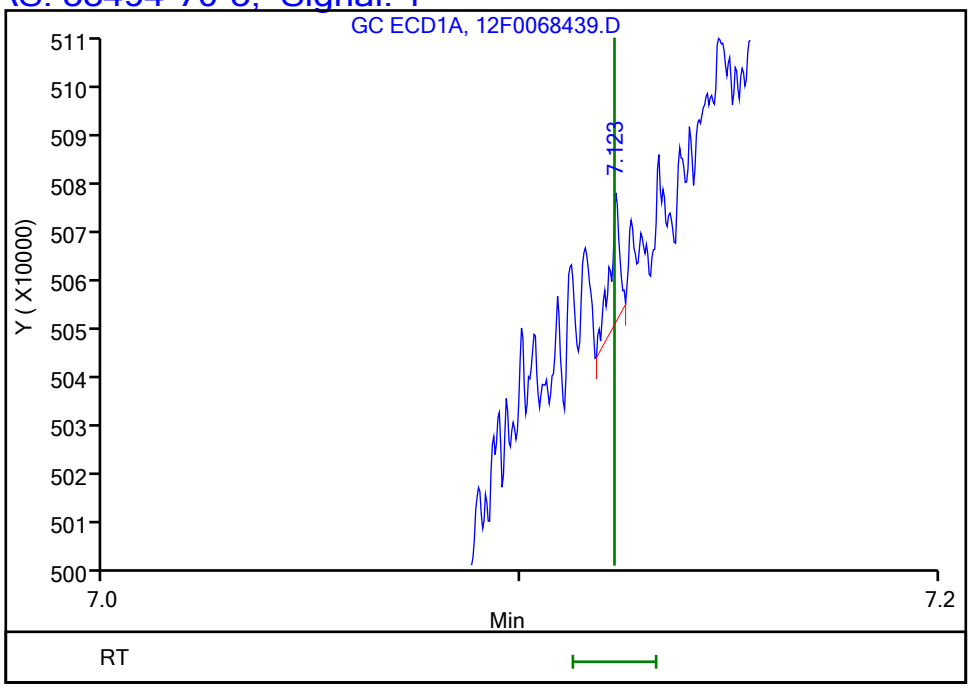
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

RT: 7.12

Response: 4096

Amount: 0.001682



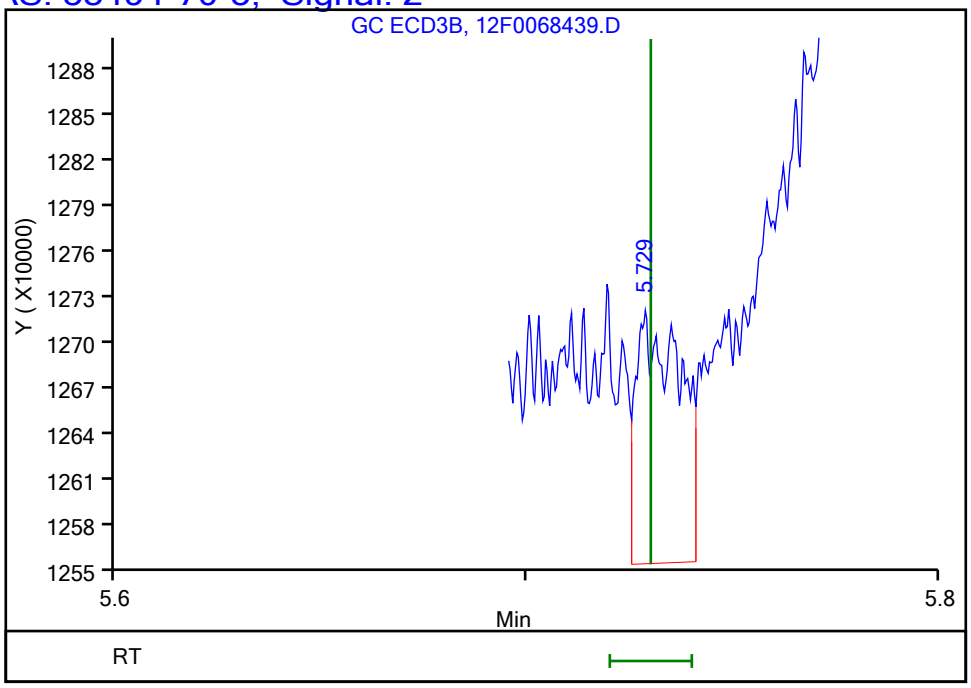

Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73

Response: 120792

Amount: 0.015230




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

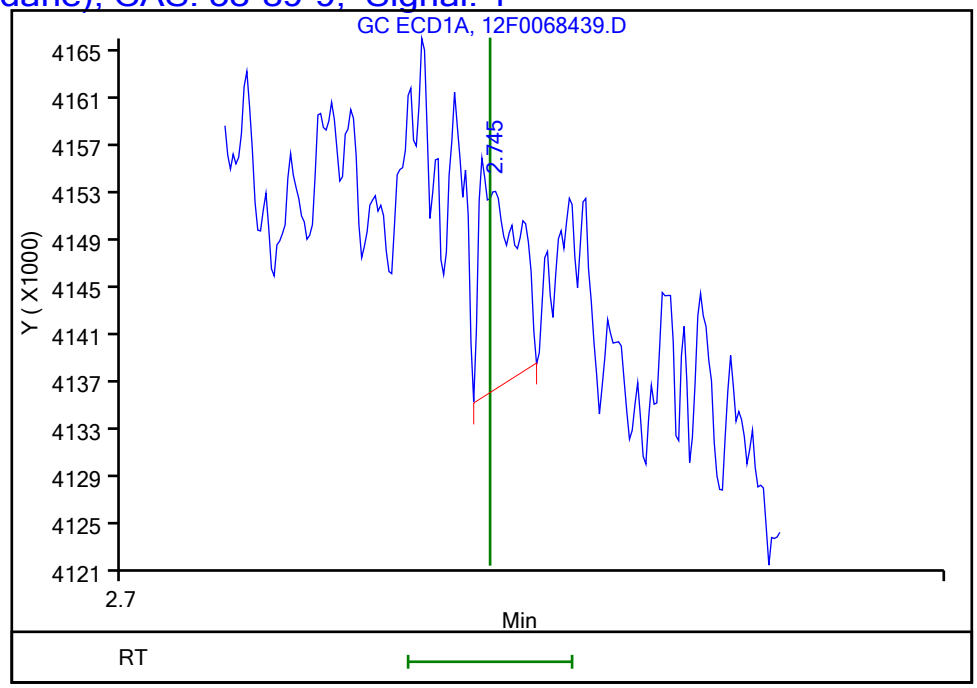
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

RT: 2.75

Response: 5657

Amount: 0.001759



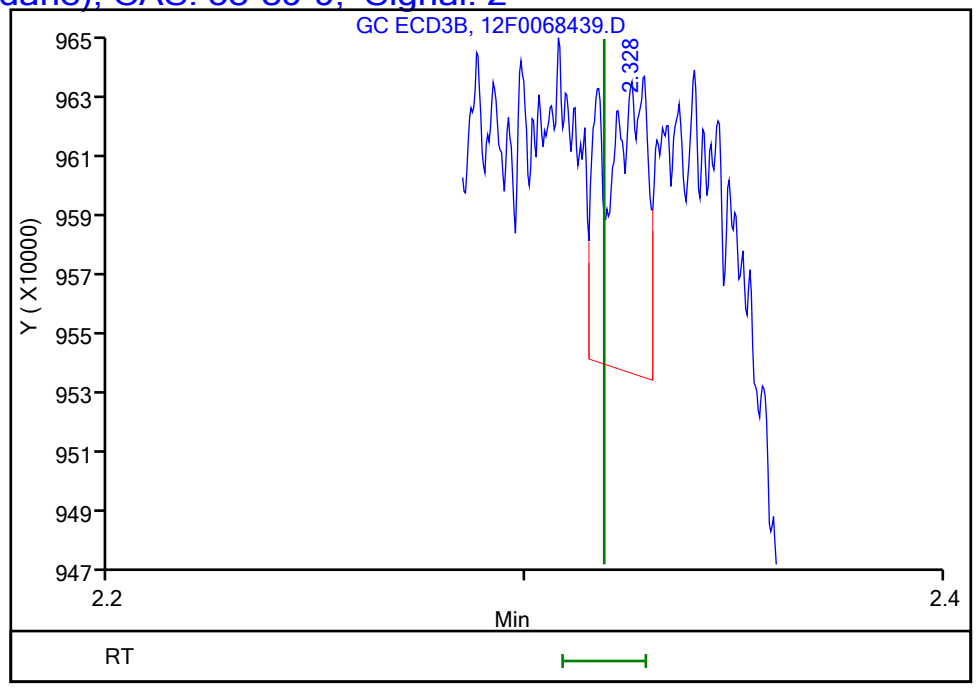

Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.33

Response: 67664

Amount: 0.005377




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

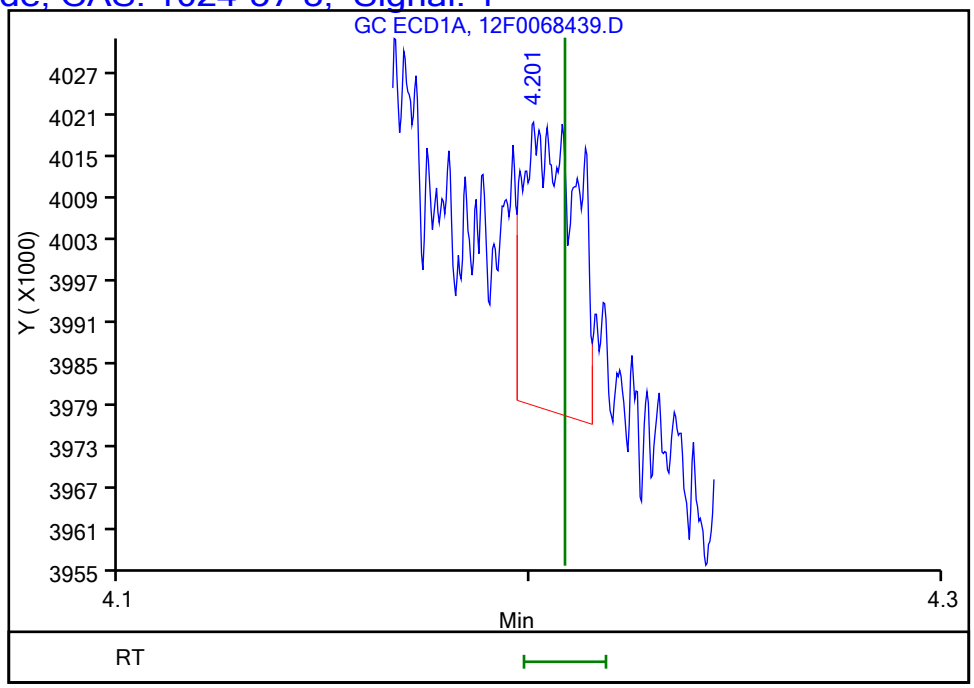
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

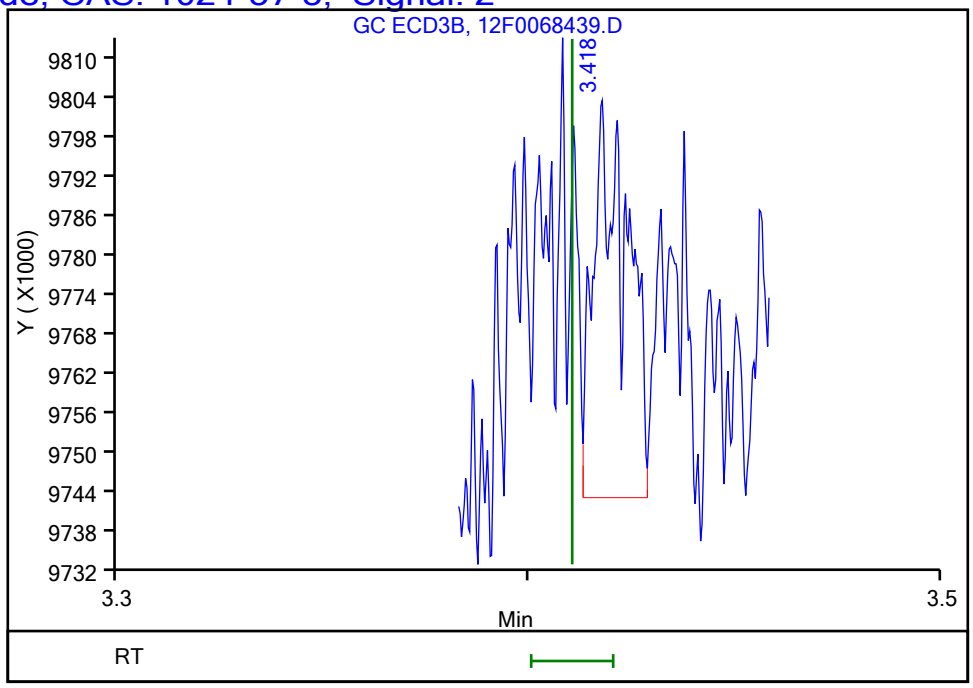
RT: 4.20
Response: 37258
Amount: 0.014222




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.42
Response: 34583
Amount: 0.004104




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

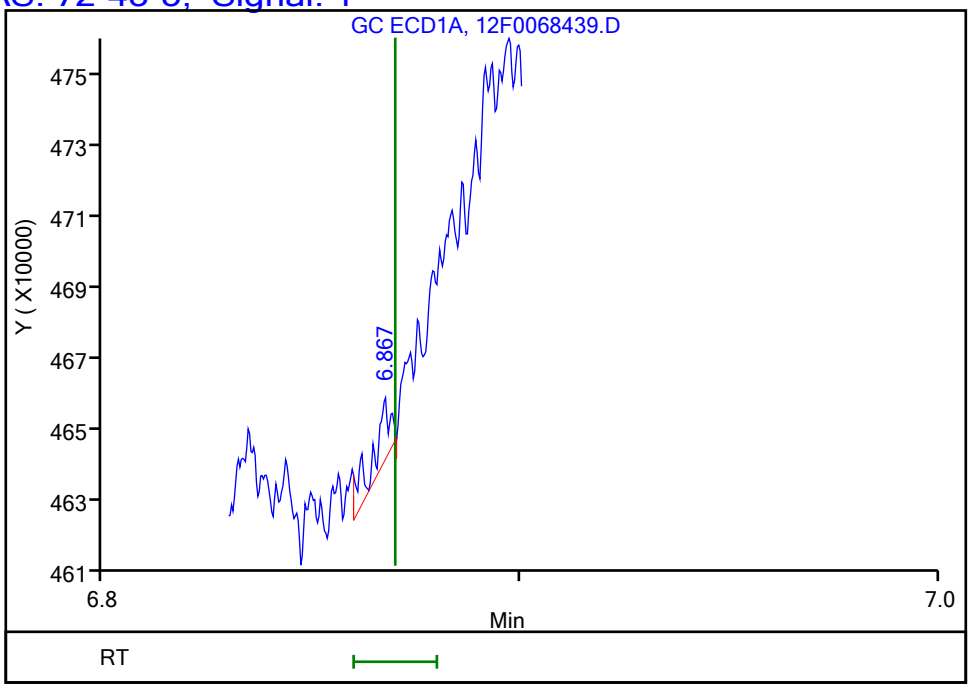
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.87

Response: 4662

Amount: 0.004359



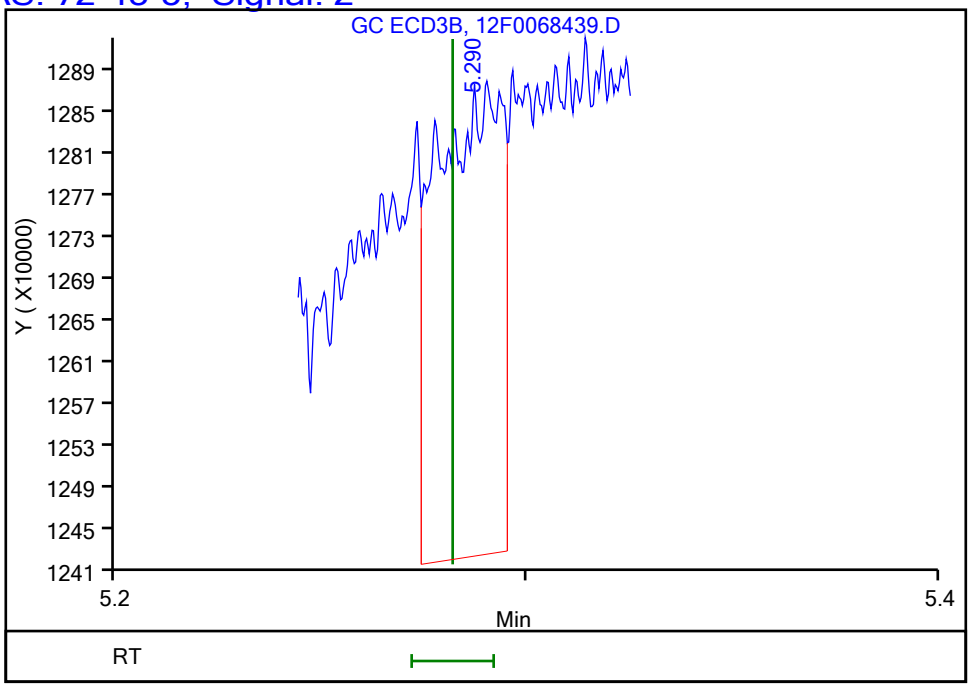

Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29

Response: 498507

Amount: 0.141248




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: 12F0068439.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:00

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.08(g) | Date Analyzed: 02/07/2025 07:13

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0068 | U | 0.0068 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.0068 | U | 0.0068 | 0.00080 |
| 50-29-3 | 4,4'-DDT | 0.0068 | U | 0.0068 | 0.0012 |
| 309-00-2 | Aldrin | 0.0068 | U | 0.0068 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00069 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00076 |
| 12789-03-6 | Chlordane (technical) | 0.068 | U | 0.068 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00088 |
| 959-98-8 | Endosulfan I | 0.0068 | U | 0.0068 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0068 | U | 0.0068 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0068 | U | 0.0068 | 0.00085 |
| 72-20-8 | Endrin | 0.0068 | U | 0.0068 | 0.00097 |
| 7421-93-4 | Endrin aldehyde | 0.0068 | U | 0.0068 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0068 | U | 0.0068 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00063 |
| 76-44-8 | Heptachlor | 0.0068 | U | 0.0068 | 0.00080 |
| 1024-57-3 | Heptachlor epoxide | 0.0068 | U | 0.0068 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0068 | U | 0.0068 | 0.0015 |
| 8001-35-2 | Toxaphene | 0.068 | U | 0.068 | 0.024 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 71 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 67 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Lims ID: 460-319954-E-6-B
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 07:13:41 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-025
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 11-Feb-2025 10:24:31 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1677

First Level Reviewer: BLD3 Date: 11-Feb-2025 10:24:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 220162813 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 653025024 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 2.029 | 2.030 | -0.001 | 102853500 | 36.8 | |
| 2 | 1.807 | 1.809 | -0.002 | 289637338 | 33.5 | |
| | | | | | RPD = 9.35 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | M |
| 1 | 8.315 | 8.316 | -0.001 | 97053968 | 44.3 | |
| 2 | 7.326 | 7.328 | -0.002 | 338867251 | 35.3 | M |
| | | | | | RPD = 22.70 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

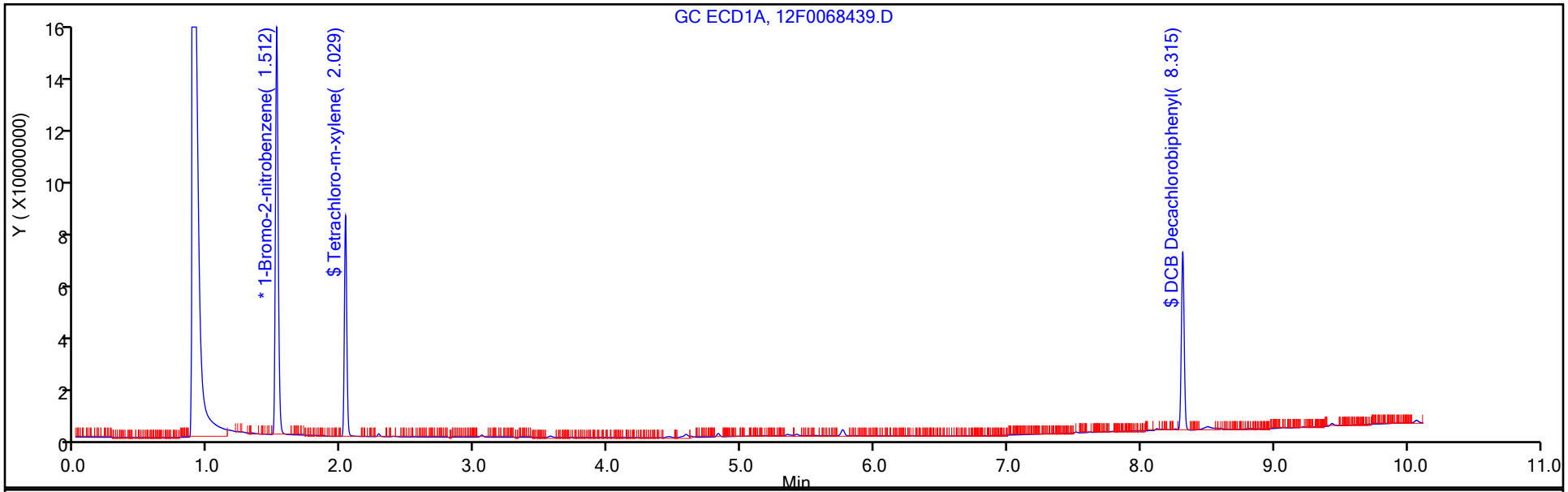
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

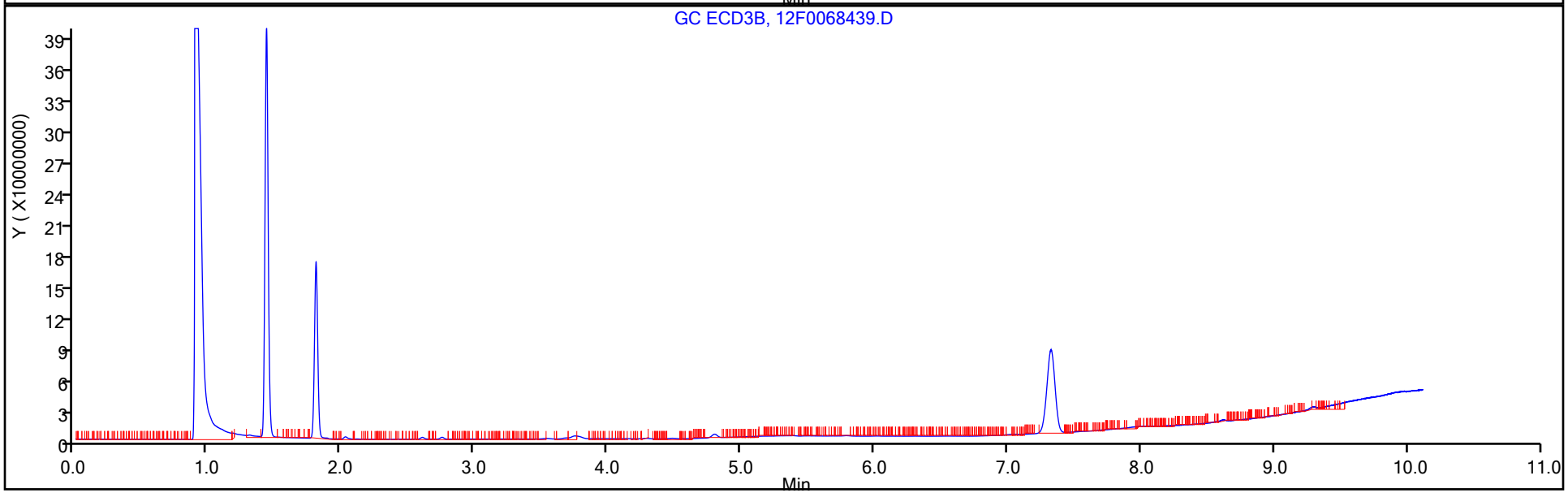
Report Date: 11-Feb-2025 10:24:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:13:41 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | 460-319954-E-6-B | Lab Sample ID: | 460-319954-6 | Worklist Smp#: | 25 |
| Client ID: | DUP_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Lims ID: 460-319954-E-6-B
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 07:13:41 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-025
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 11-Feb-2025 10:24:31 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1677

First Level Reviewer: BLD3 Date: 11-Feb-2025 10:24:31

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.8 | 73.65 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 44.3 | 88.64 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 33.5 | 67.07 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 35.3 | 70.57 |

User Disabled Compound Report

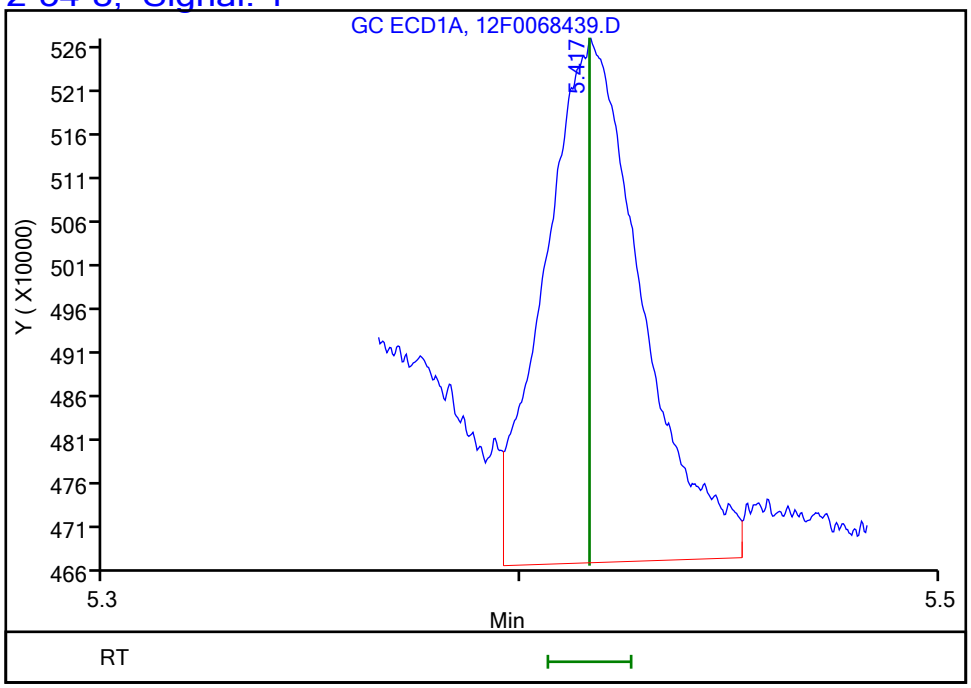
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

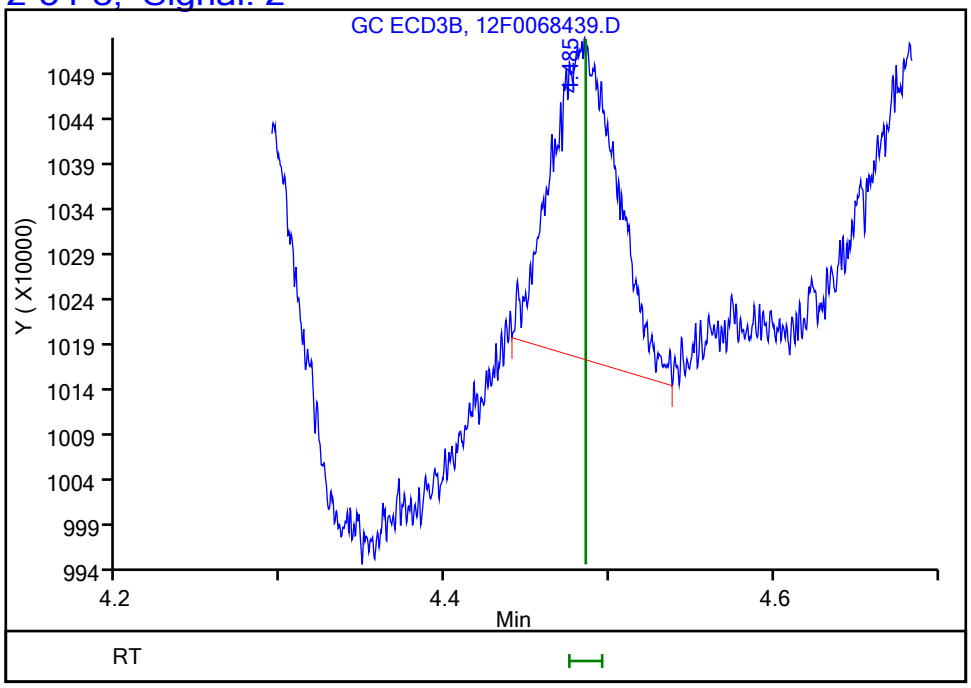
RT: 5.42
Response: 964062
Amount: 0.387674




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.48
Response: 984976
Amount: 0.160134




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

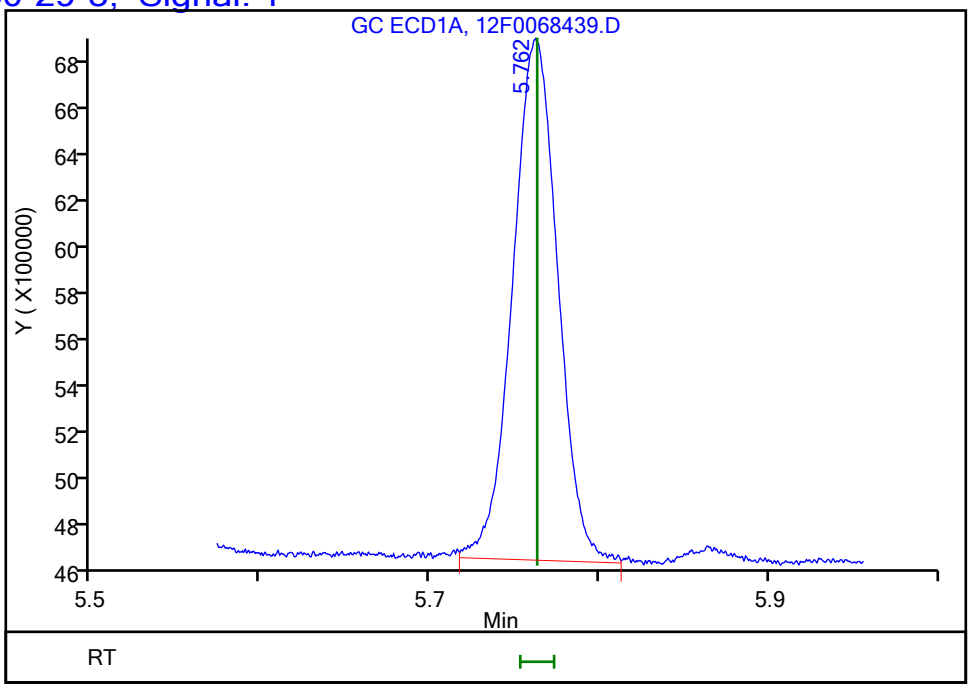
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.76

Response: 4184621

Amount: 2.110326



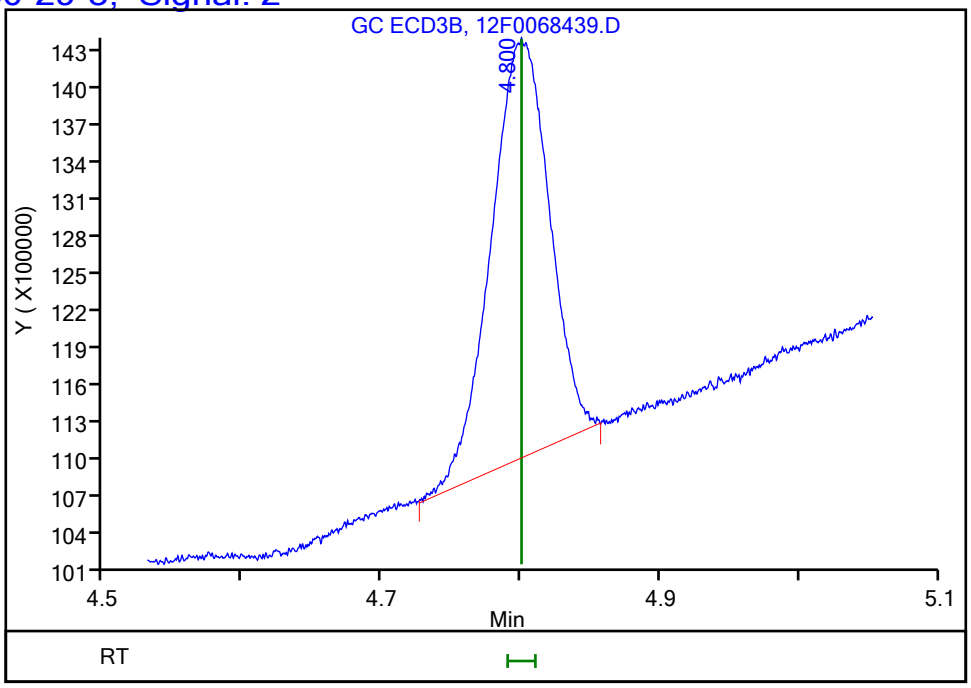

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.80

Response: 10005861

Amount: 1.668060




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

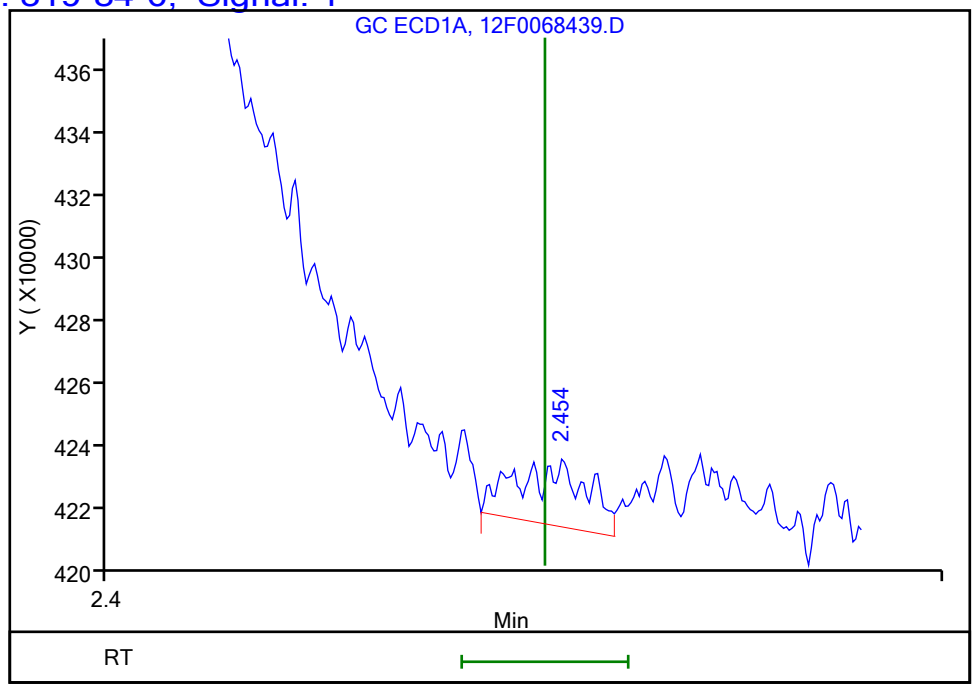
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

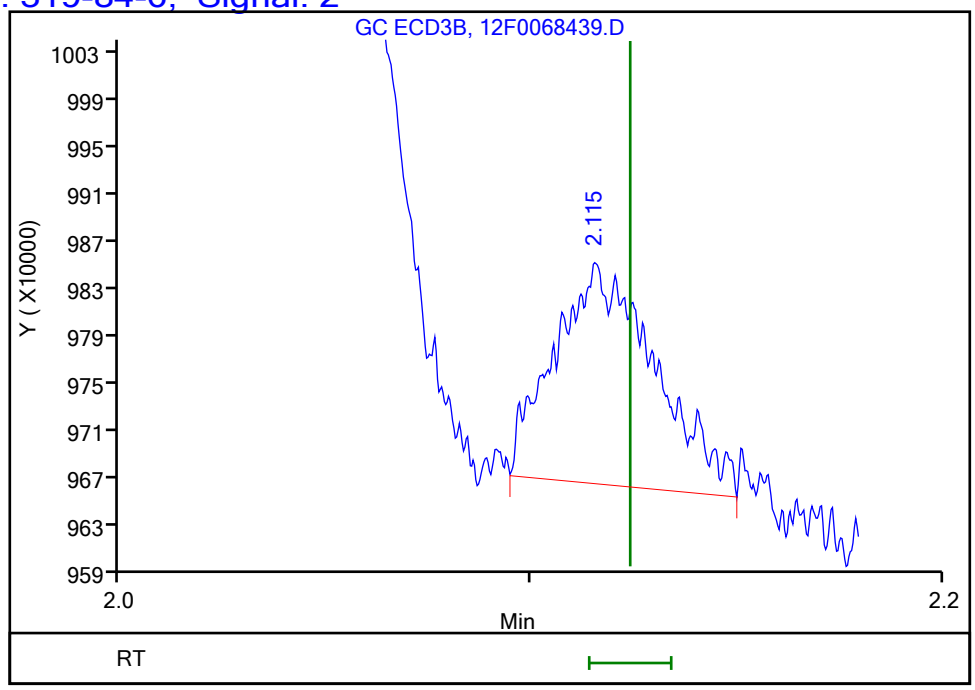
RT: 2.45
Response: 11164
Amount: 0.002997




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 315815
Amount: 0.025917




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Edison

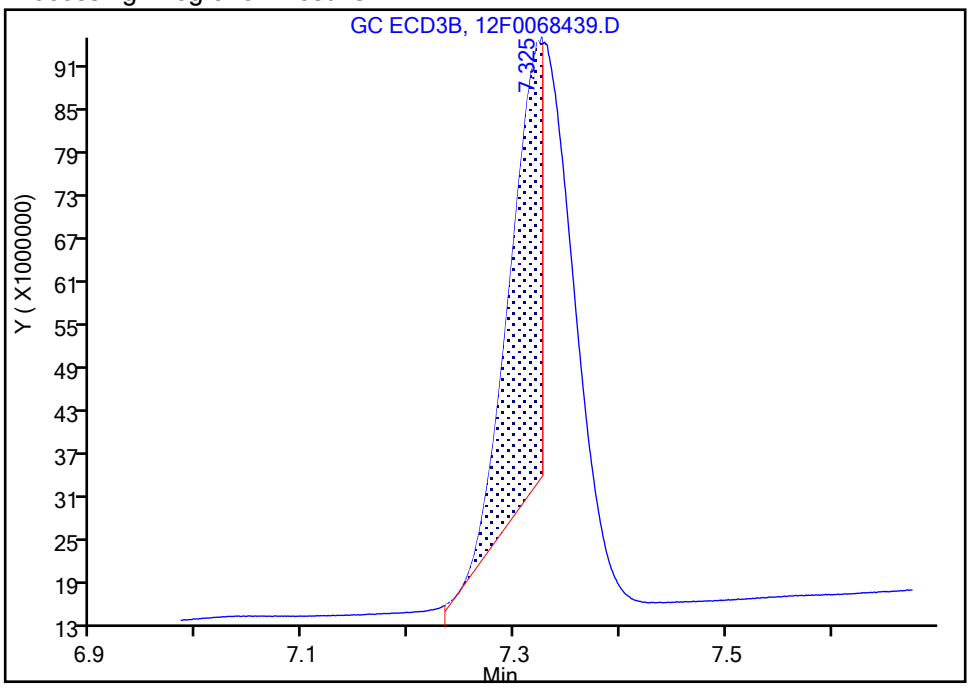
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D | | | | |
| Injection Date: | 07-Feb-2025 07:13:41 | Instrument ID: | CPESTGC12 | | |
| Lims ID: | 460-319954-E-6-B | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## $ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

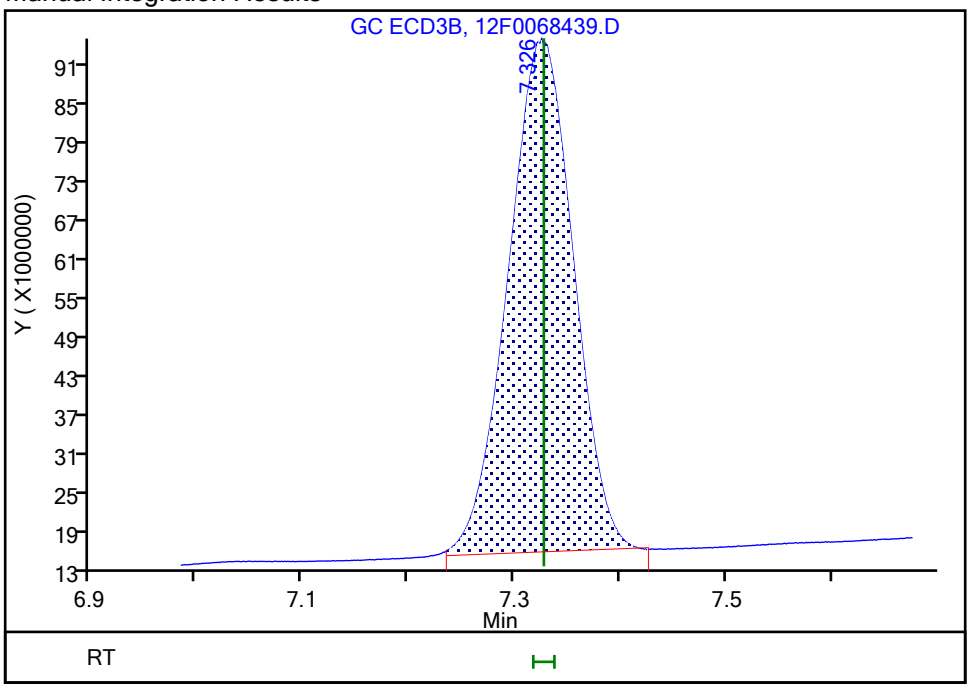
Processing Integration Results

RT: 7.33
Area: 127265705
Amount: 13.251003
Amount Units: ug/l




Manual Integration Results

RT: 7.33
Area: 338867251
Amount: 35.283118
Amount Units: ug/l




Reviewer: BLD3, 11-Feb-2025 10:24:27 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

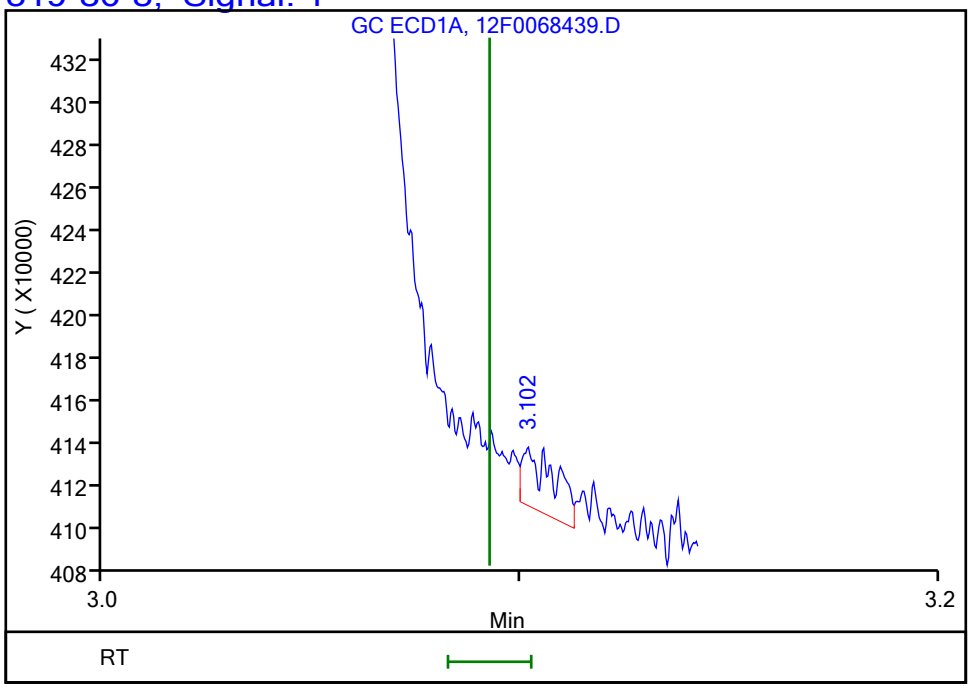
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 3.10

Response: 15107

Amount: 0.004844



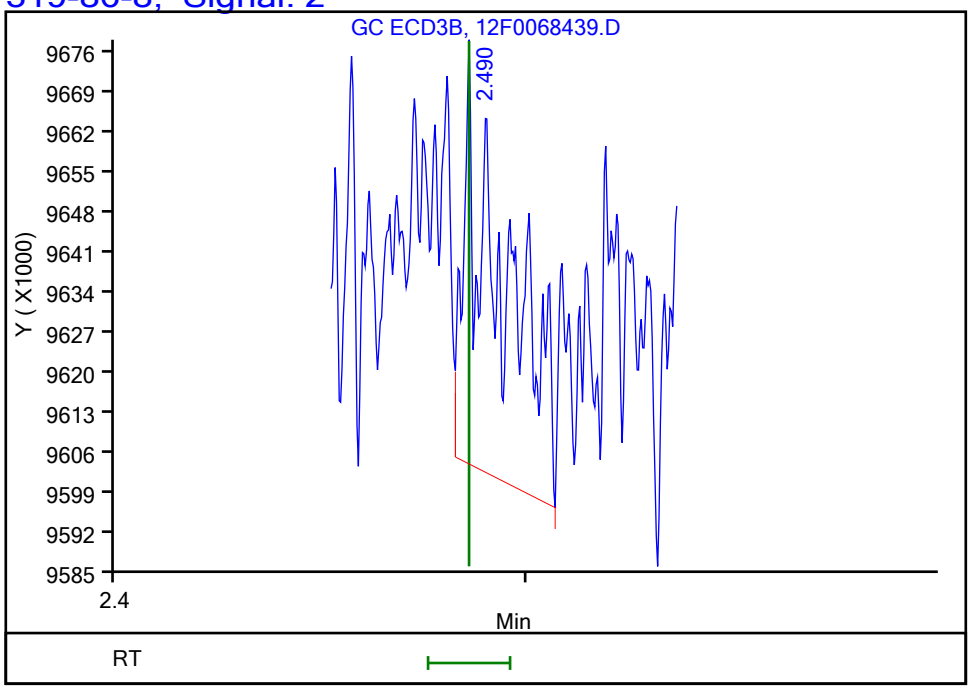

Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.49

Response: 49300

Amount: 0.005000




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

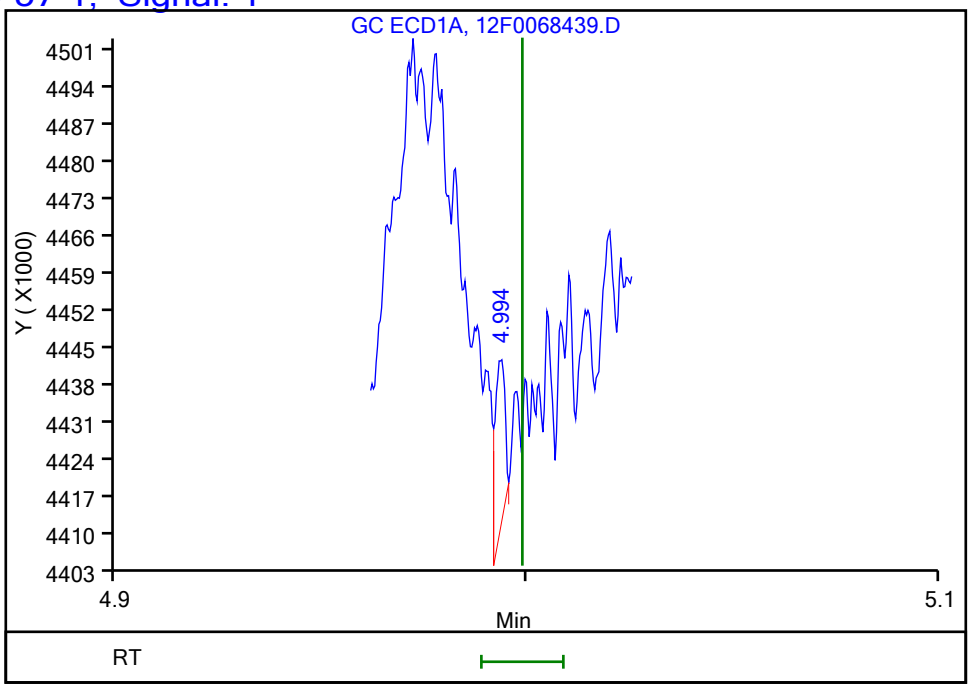
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

RT: 4.99

Response: 5141

Amount: 0.001821



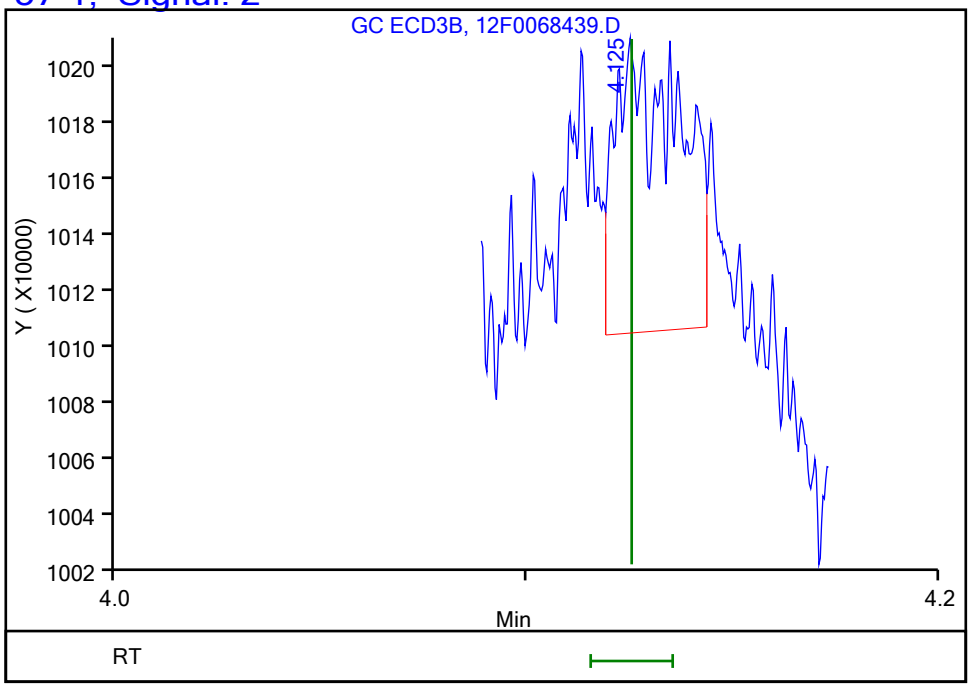

Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.12

Response: 110330

Amount: 0.012443




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

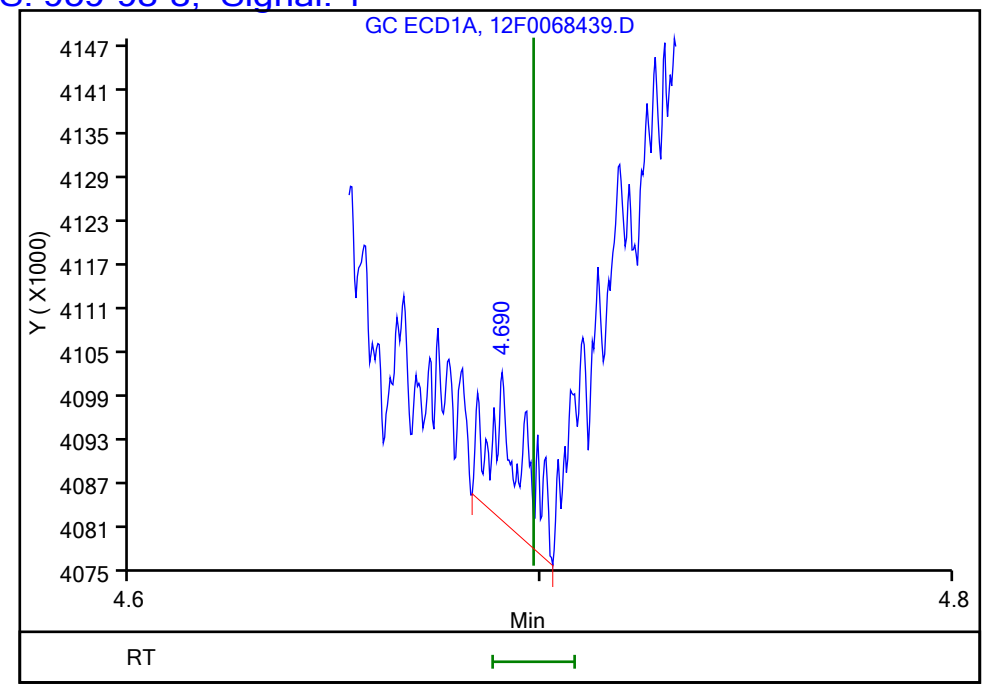
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8, Signal: 1

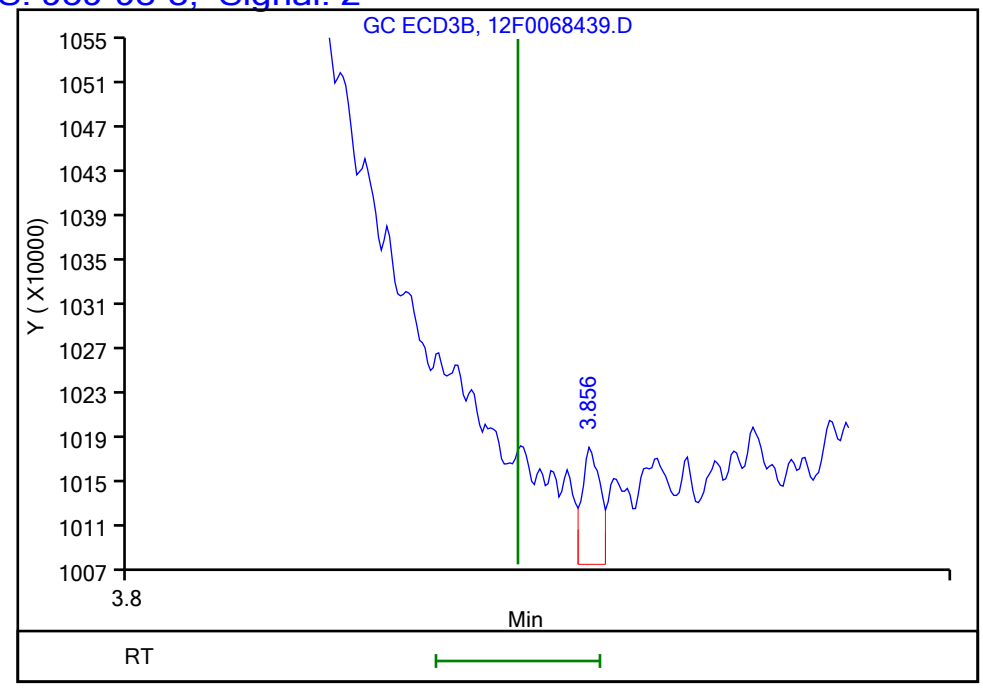
RT: 4.69
Response: 11414
Amount: 0.004729




Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8, Signal: 2

RT: 3.86
Response: 15384
Amount: 0.002020




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

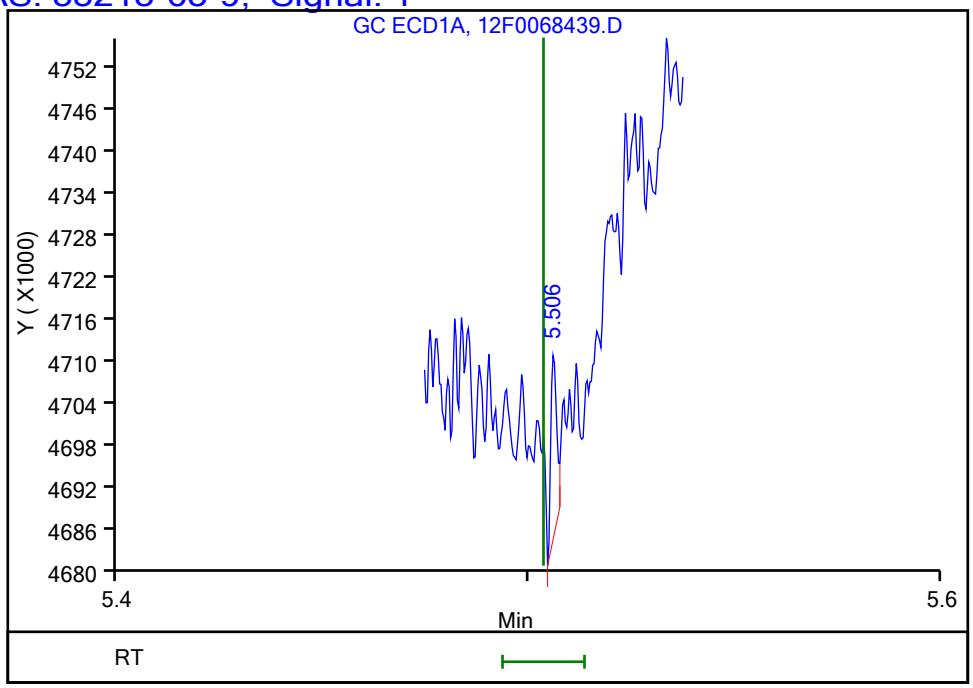
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

RT: 5.51

Response: 2566

Amount: 0.001160



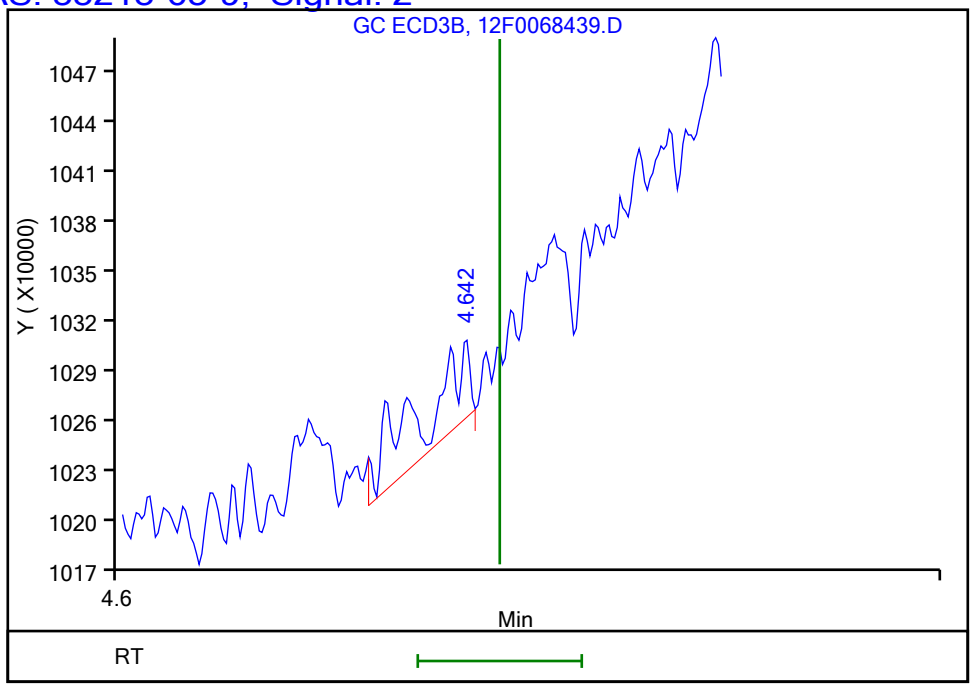

Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.64

Response: 20149

Amount: 0.003166




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

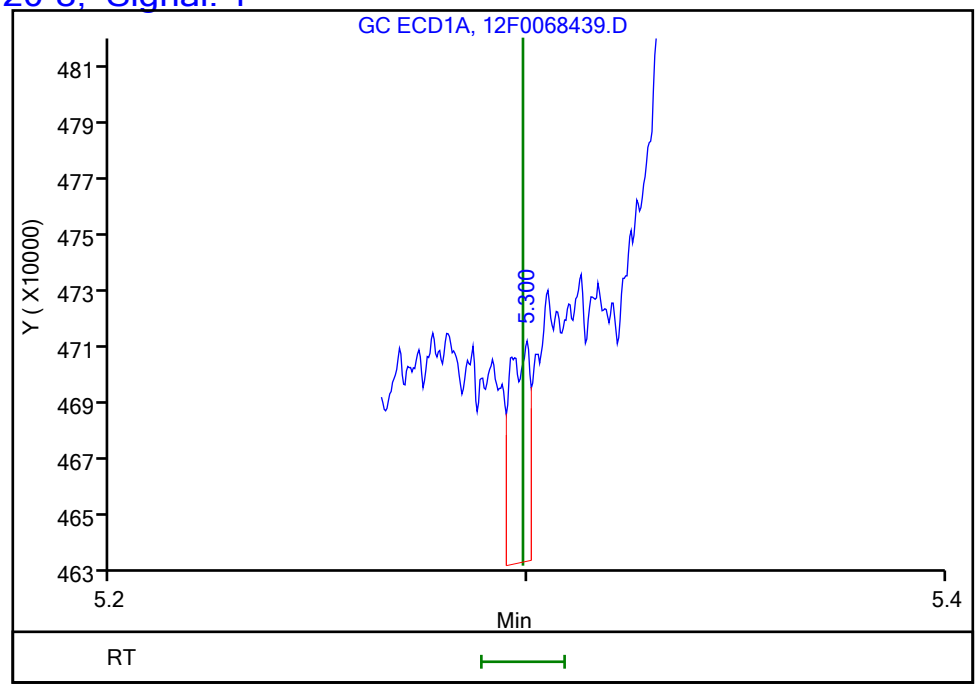
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

| | | | |
|---|---|---|---|
| Injection Date: | 07-Feb-2025 07:13:41 | Instrument ID: | CPESTGC12 |
| Lims ID: | 460-319954-E-6-B | Lab Sample ID: | 460-319954-6 |
| Client ID: | DUP_02052025 | | |
| Operator ID: | | ALS Bottle#: | 25 Worklist Smp#: 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD |
| Column: | | Detector | GC ECD1A |

## 20 Endrin, CAS: 72-20-8, Signal: 1

RT: 5.30
Response: 24158
Amount: 0.010176




Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.39
Response: 17283
Amount: 0.002428

Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

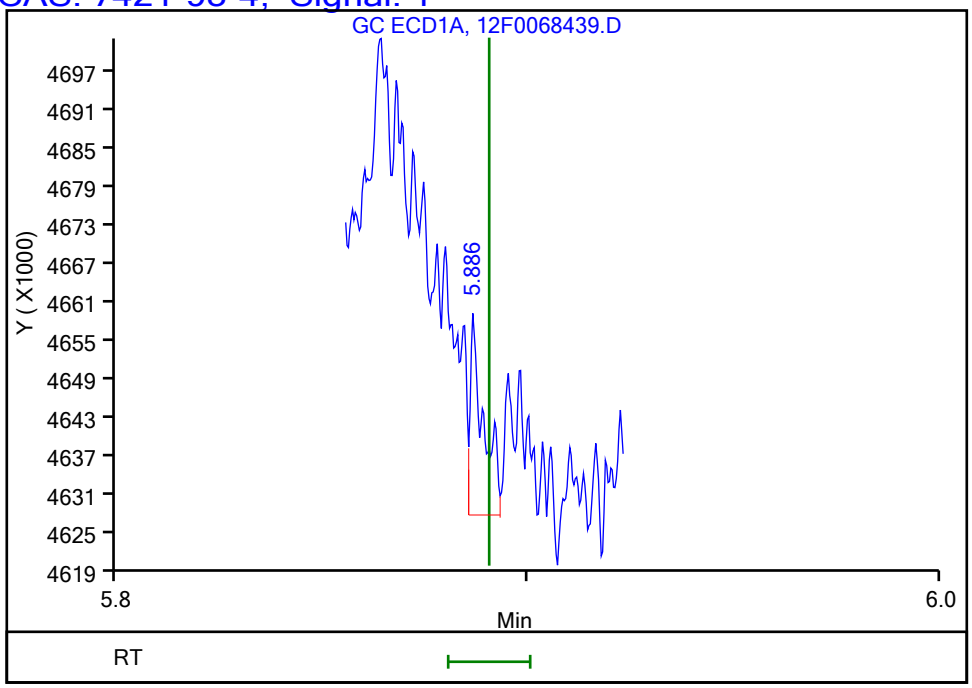
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

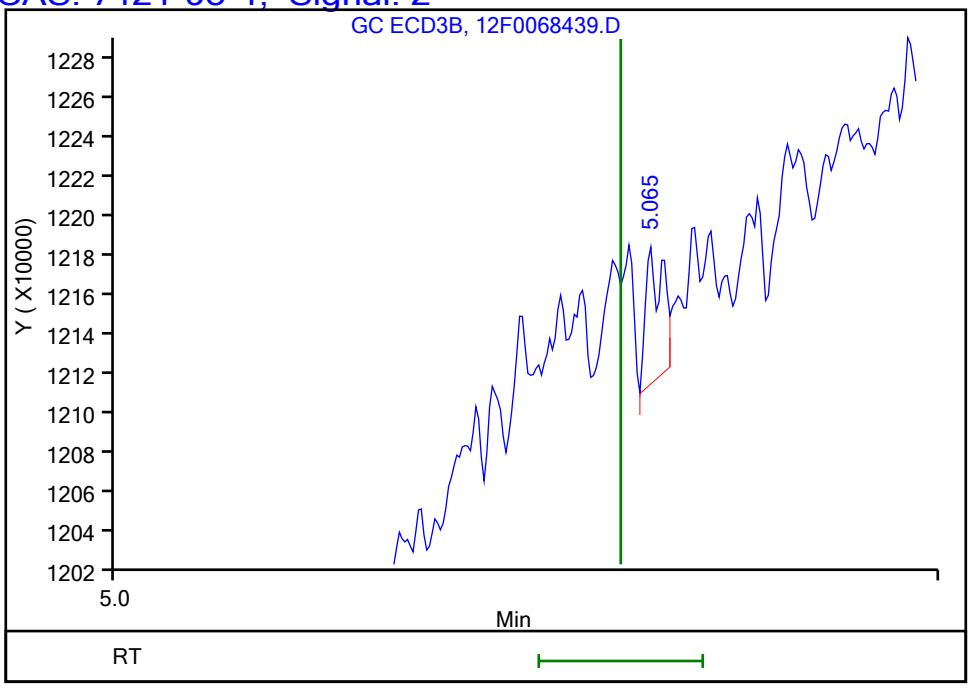
RT: 5.89
Response: 6830
Amount: 0.003800




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.07
Response: 9435
Amount: 0.001558




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

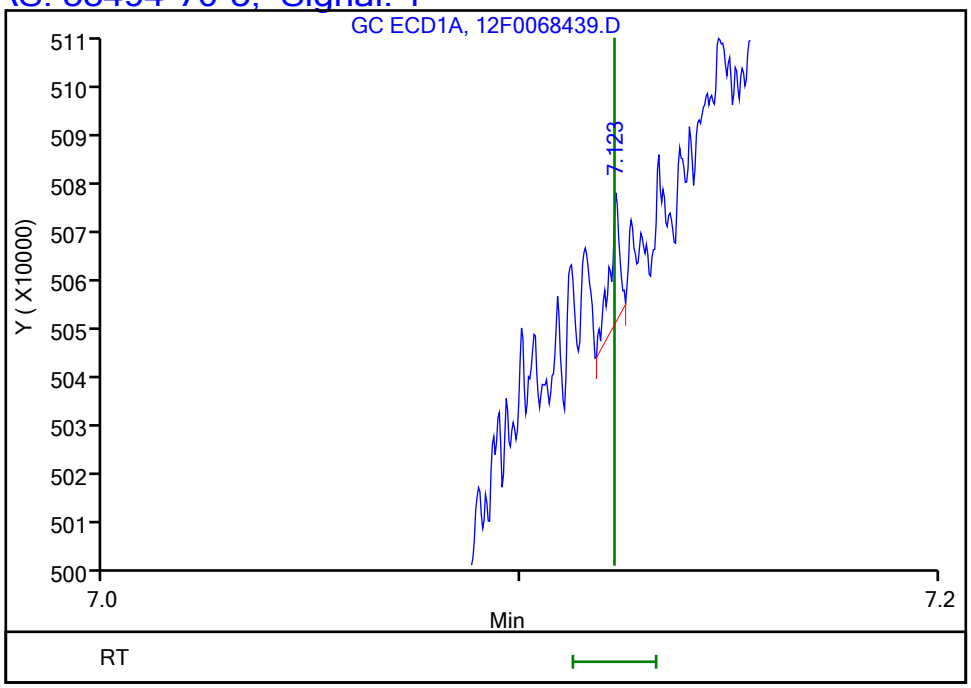
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

RT: 7.12

Response: 4096

Amount: 0.001682



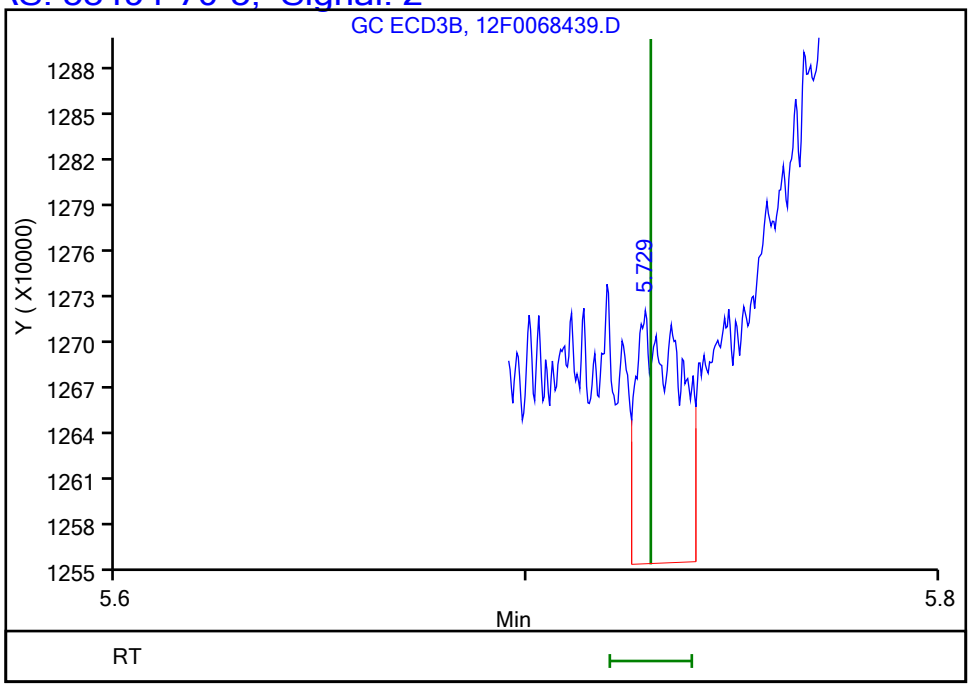

Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.73

Response: 120792

Amount: 0.015230




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

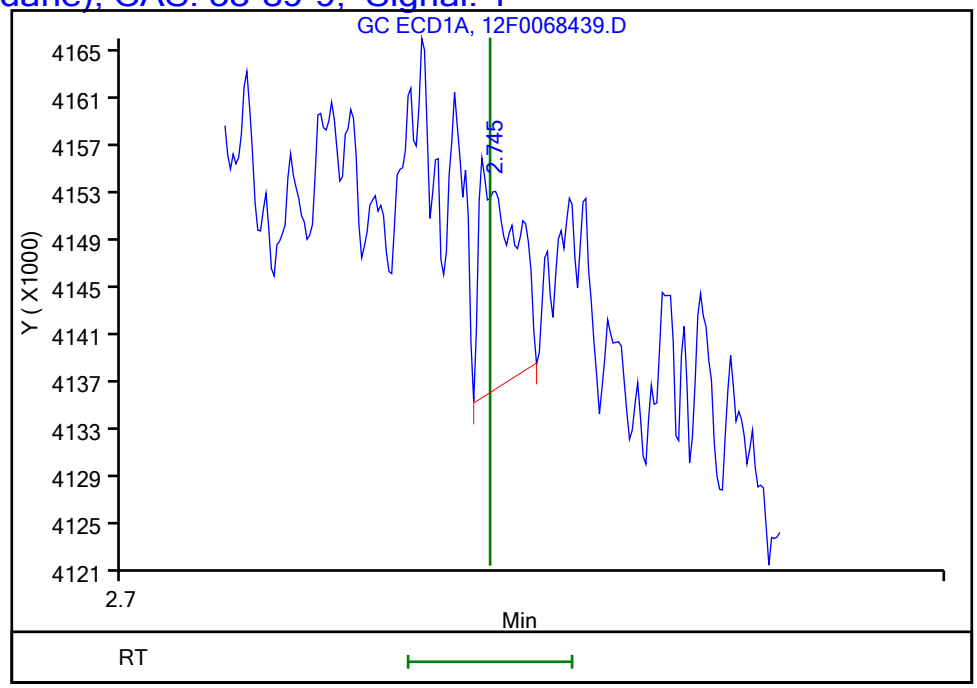
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

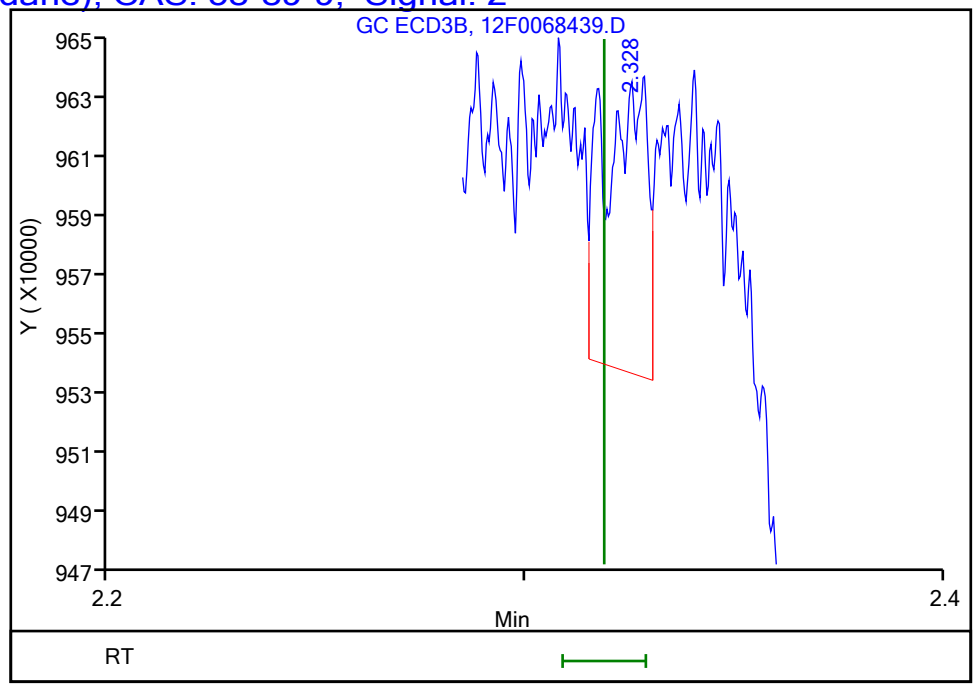
RT: 2.75
Response: 5657
Amount: 0.001759




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.33
Response: 67664
Amount: 0.005377




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

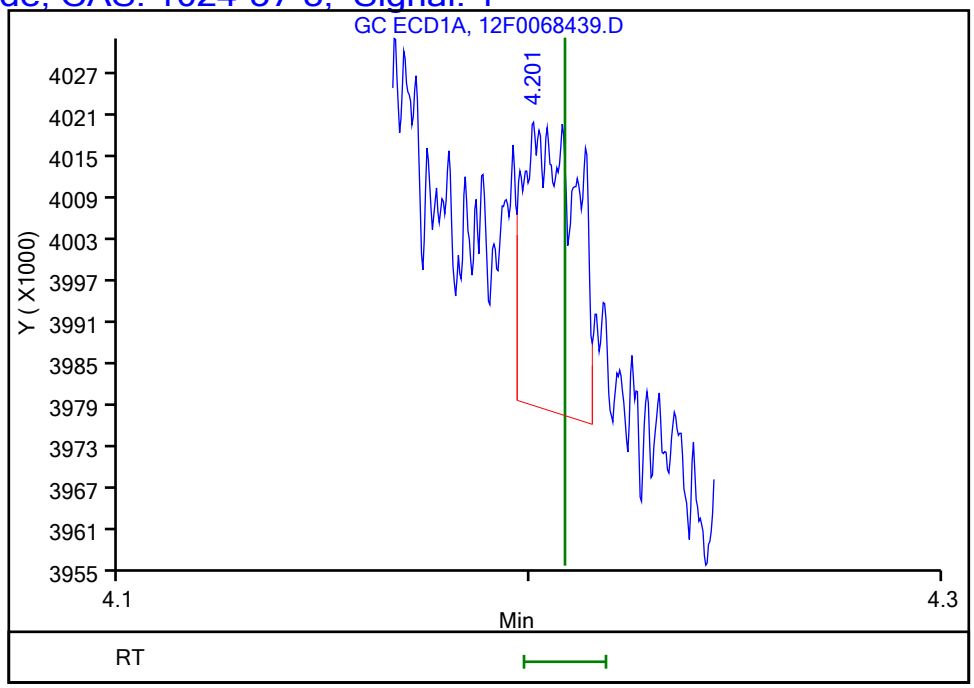
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D
Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12
Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6
Client ID: DUP_02052025
Operator ID: ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

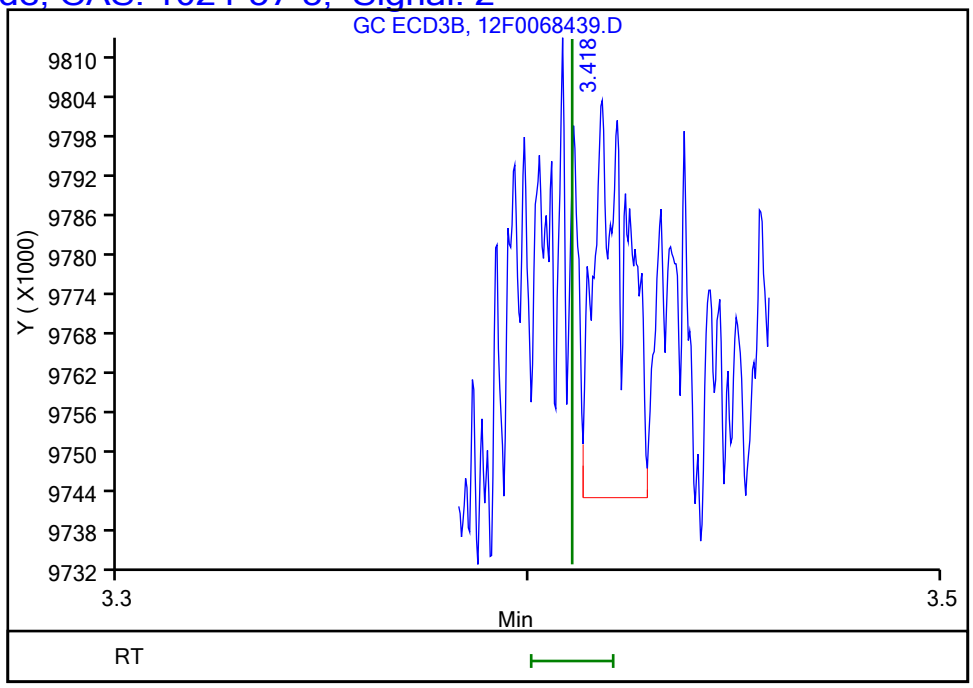
RT: 4.20
Response: 37258
Amount: 0.014222




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.42
Response: 34583
Amount: 0.004104




Reviewer: ESS0, 07-Feb-2025 07:27:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068439.D

Injection Date: 07-Feb-2025 07:13:41 Instrument ID: CPESTGC12

Lims ID: 460-319954-E-6-B Lab Sample ID: 460-319954-6

Client ID: DUP_02052025

Operator ID: ALS Bottle#: 25 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

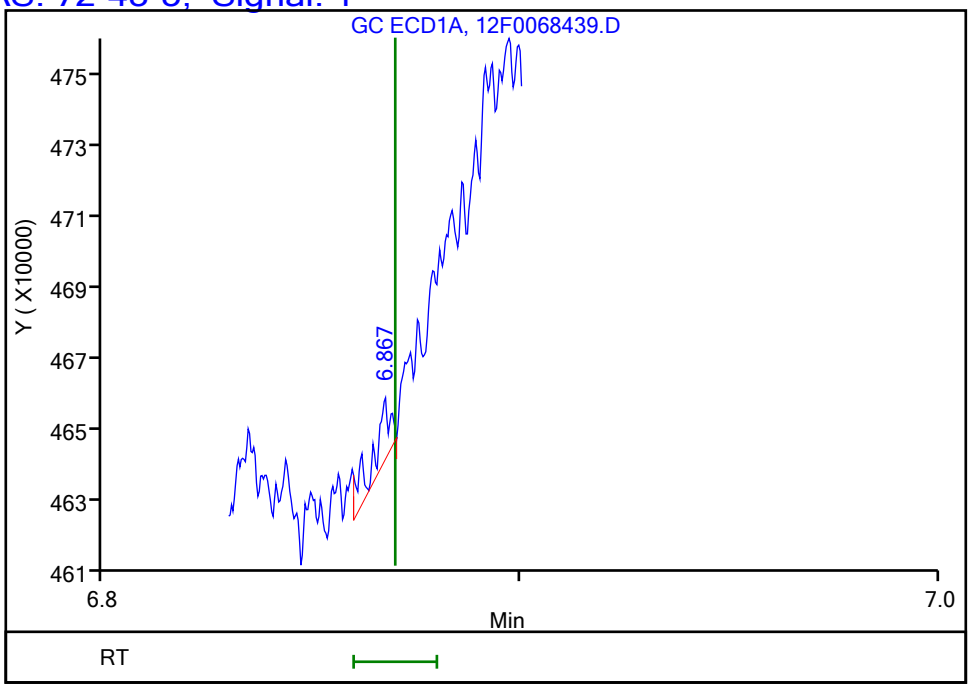
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.87

Response: 4662

Amount: 0.004359



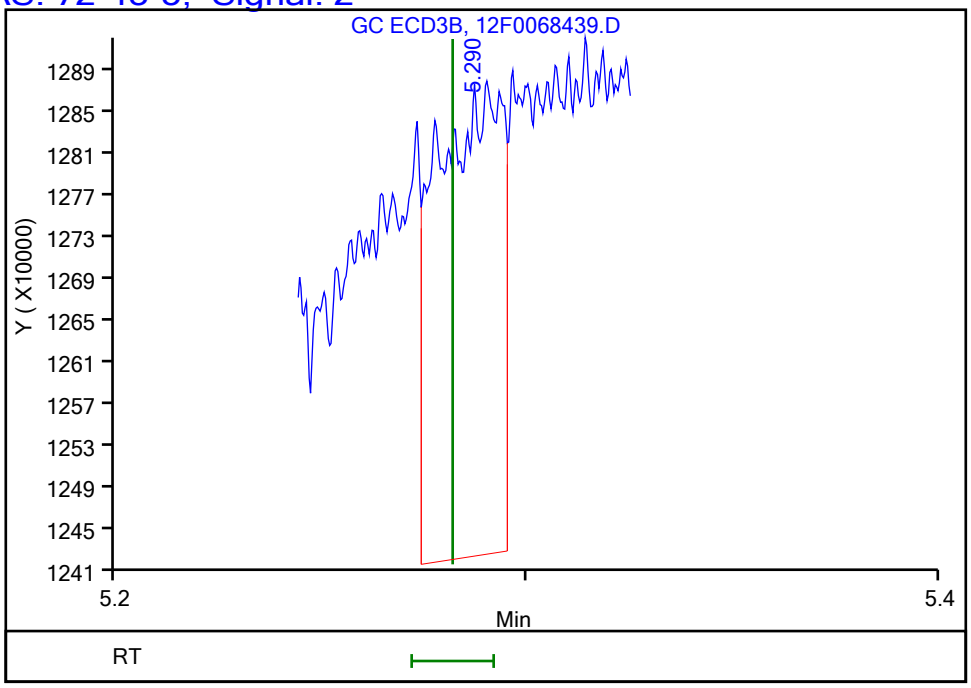

Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29

Response: 498507

Amount: 0.141248




Reviewer: ESS0, 07-Feb-2025 07:27:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: 4F001973.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:05

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 56 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 85 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Lims ID: 460-319954-H-7-B
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:32:08 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-009
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:06:05

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.456 | 1.457 | -0.001 | 60255778 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 137025017 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 1.957 | 1.954 | 0.003 | 56126598 | 84.6 | |
| 2 | 1.760 | 1.757 | 0.003 | 126573203 | 79.8 | |
| | | | | | RPD = 5.85 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.204 | 8.202 | 0.002 | 38788469 | 55.9 | |
| 2 | 7.096 | 7.093 | 0.003 | 107387004 | 54.6 | |
| | | | | | RPD = 2.23 | |

## QC Flag Legend
Processing Flags

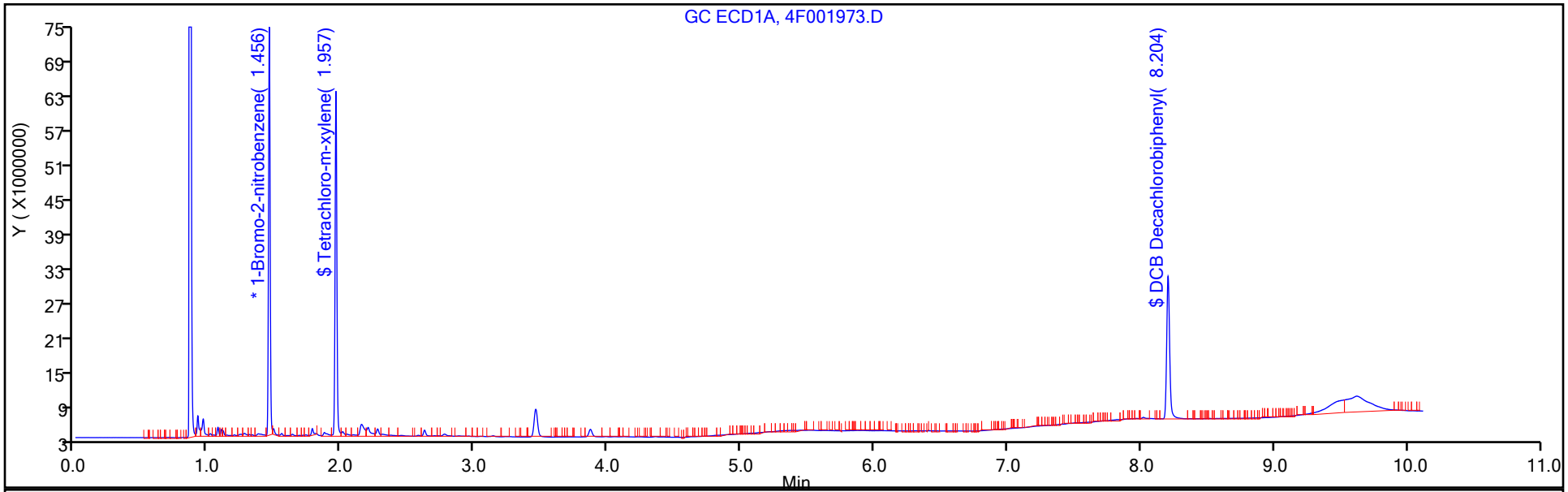
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

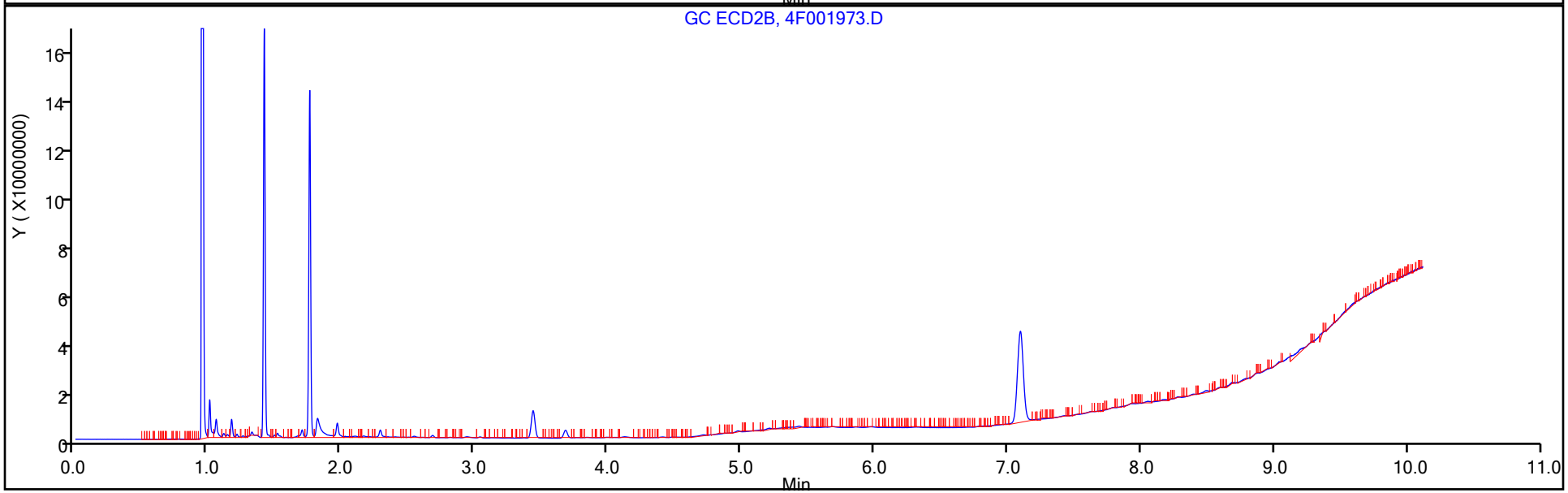
Report Date: 10-Feb-2025 14:26:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:32:08 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | 460-319954-H-7-B | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 9 |
| Client ID: | FB_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 34 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Lims ID: 460-319954-H-7-B
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:32:08 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-009
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:06:05

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 84.6 | 84.56 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.9 | 55.85 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 79.8 | 79.76 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 54.6 | 54.62 |

User Disabled Compound Report

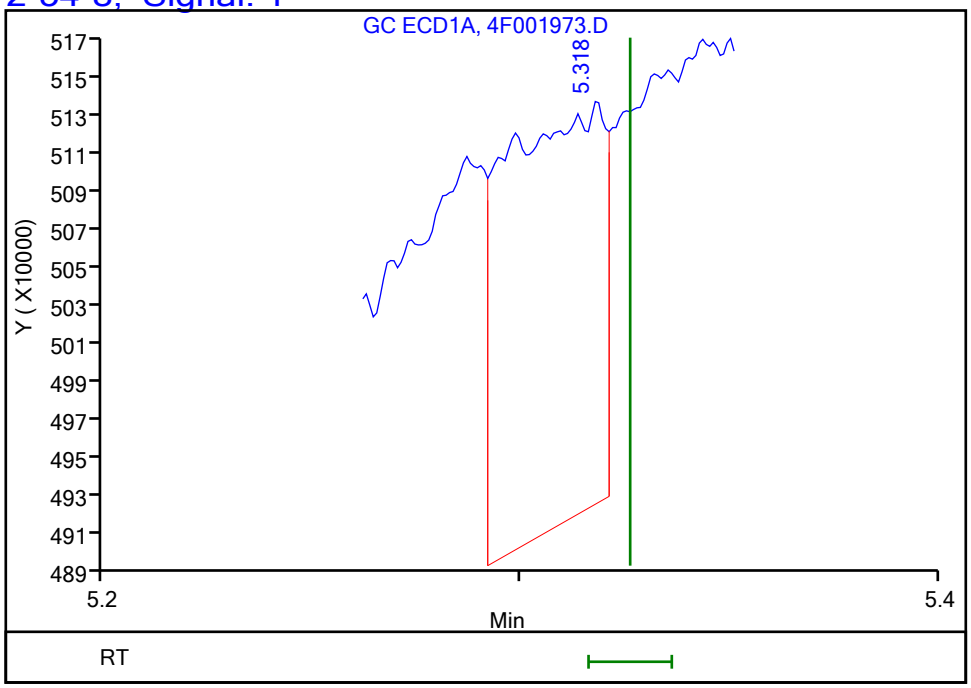
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

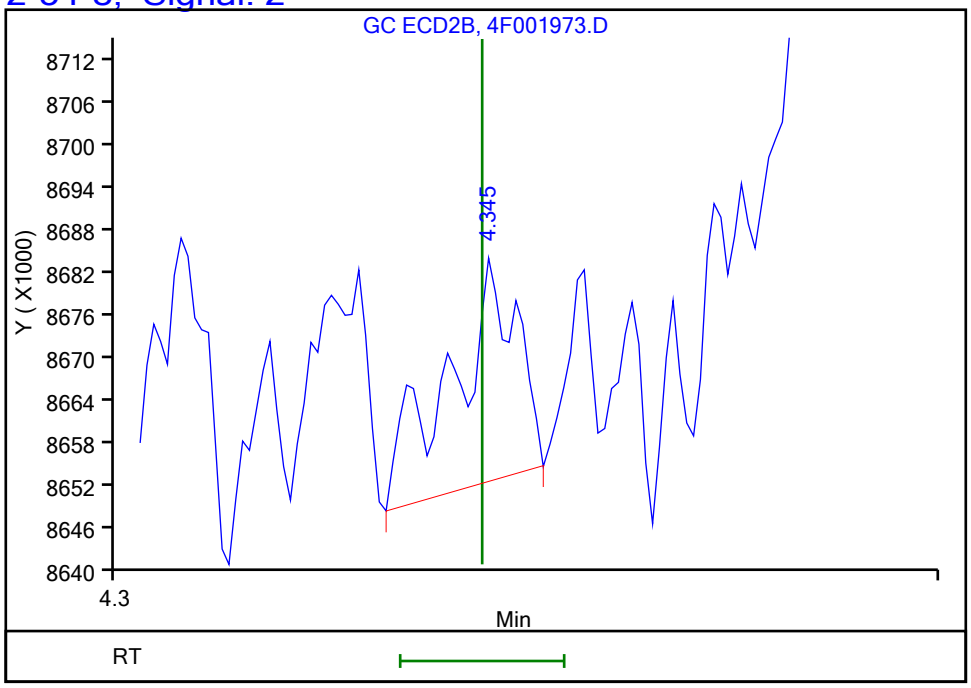
RT: 5.32
Response: 359179
Amount: 0.490179




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.35
Response: 17579
Amount: 0.010236




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D

Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4

Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7

Client ID: FB_02052025

Operator ID: ALS Bottle#: 34 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

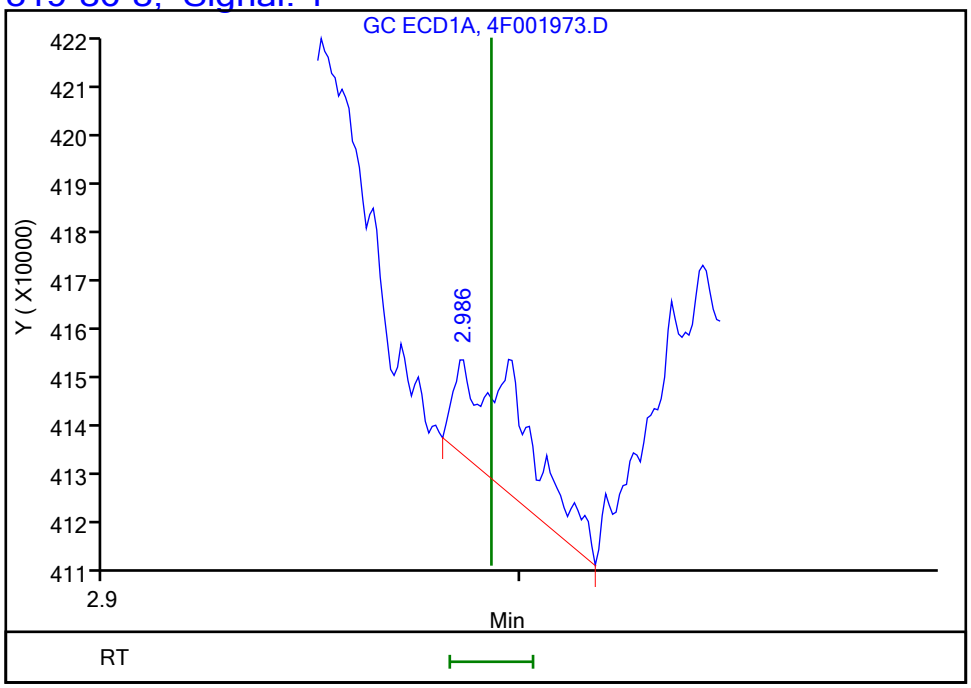
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 2.99

Response: 26347

Amount: 0.029266



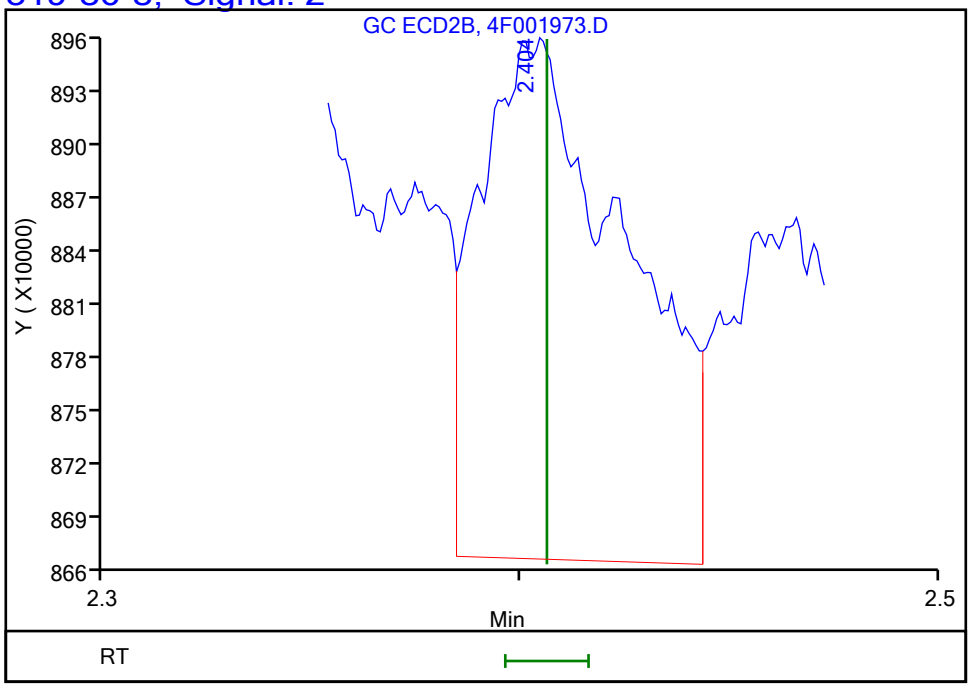

Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.40

Response: 702304

Amount: 0.334521




Reviewer: OR9X, 10-Feb-2025 12:06:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

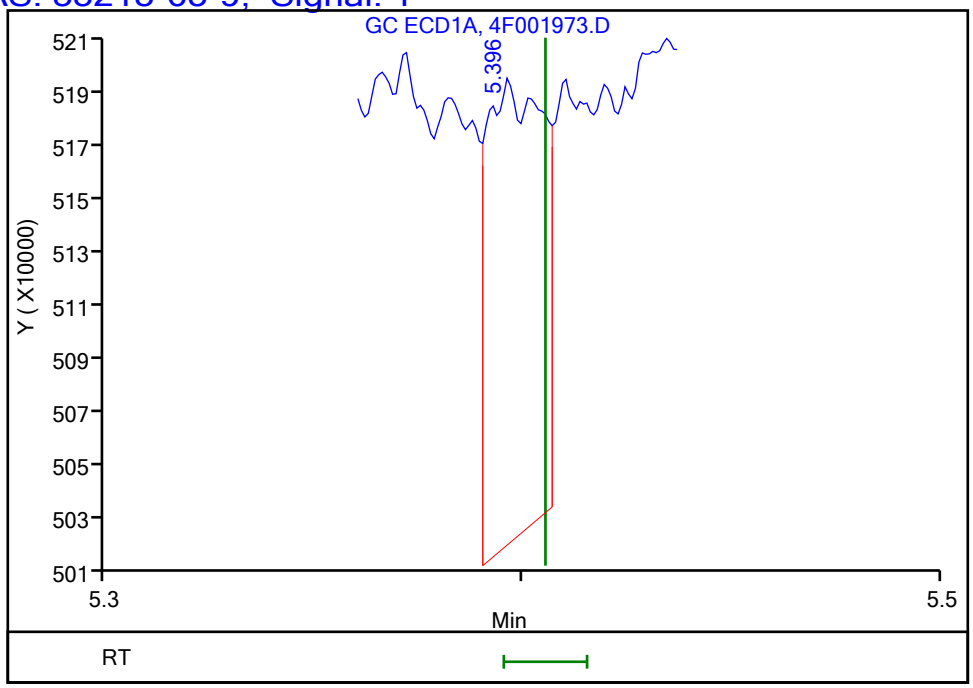
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

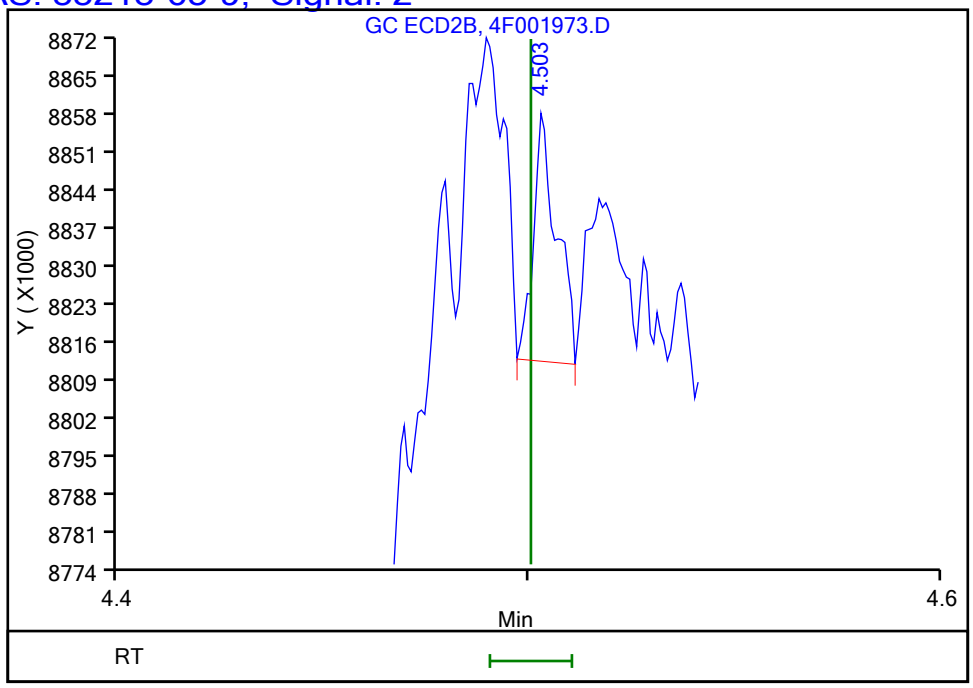
RT: 5.40
Response: 153806
Amount: 0.215241




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.50
Response: 17942
Amount: 0.010881




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

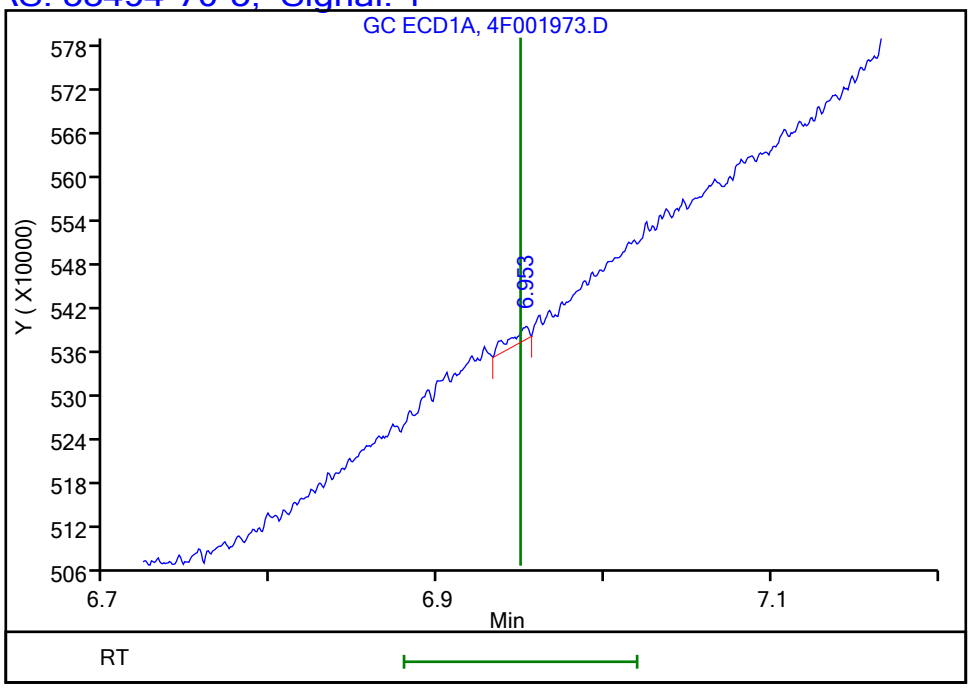
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

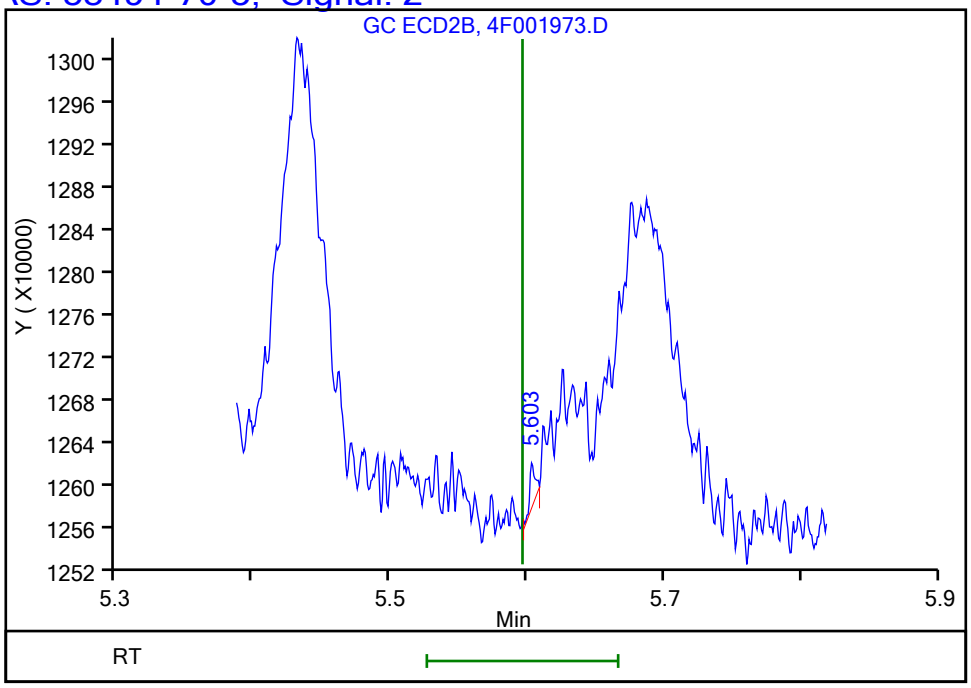
RT: 6.95
Response: 16152
Amount: 0.018257




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.60
Response: 10564
Amount: 0.005056




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: 4F001973.D

Analysis Method: 8081B | Date Collected: 02/05/2025 12:05

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:32

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.020 | U | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.020 | U | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.020 | U | 0.020 | 0.015 |
| 12789-03-6 | Chlordane (technical) | 0.20 | U | 0.20 | 0.055 |
| 319-86-8 | delta-BHC | 0.020 | U | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.020 | U | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.020 | U | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.020 | U | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.020 | U | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.020 | U | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.020 | U | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.020 | U | 0.020 | 0.0040 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 55 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 80 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Lims ID: 460-319954-H-7-B
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:32:08 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-009
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:06:05

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 1.456 | 1.457 | -0.001 | 60255778 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 137025017 | 100.0 | |
| | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | |
| 1 | 1.957 | 1.954 | 0.003 | 56126598 | 84.6 | |
| 2 | 1.760 | 1.757 | 0.003 | 126573203 | 79.8 | |
| | | | | | RPD = 5.85 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | |
| 1 | 8.204 | 8.202 | 0.002 | 38788469 | 55.9 | |
| 2 | 7.096 | 7.093 | 0.003 | 107387004 | 54.6 | |
| | | | | | RPD = 2.23 | |

## QC Flag Legend
Processing Flags

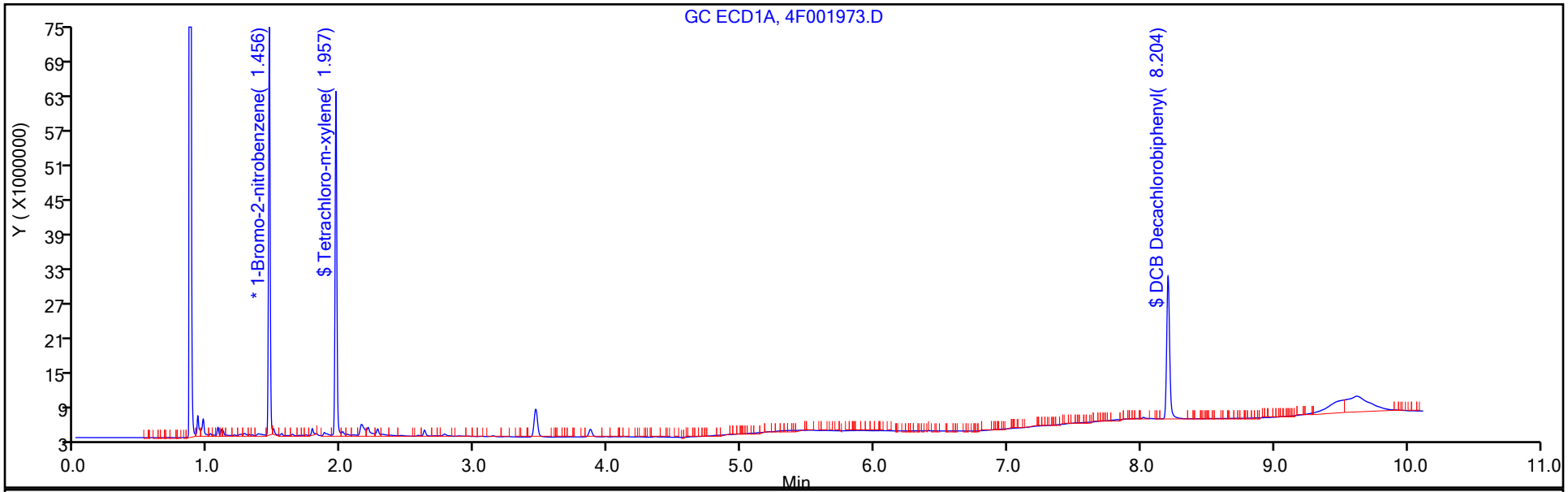
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

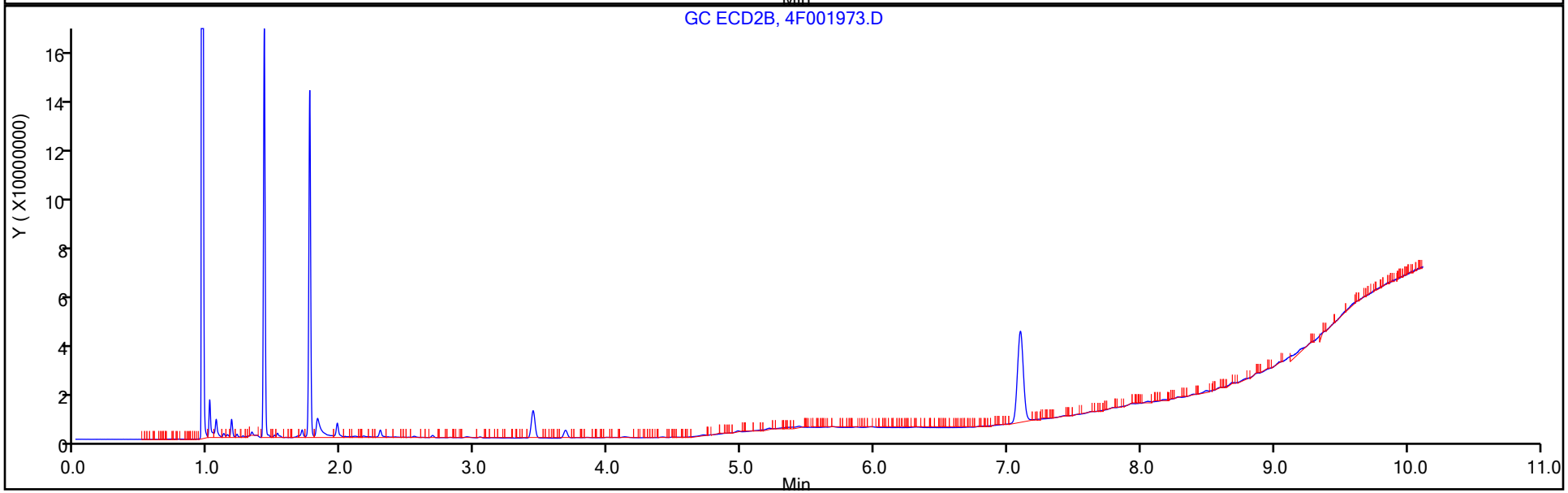
Report Date: 10-Feb-2025 14:26:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:32:08 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | 460-319954-H-7-B | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 9 |
| Client ID: | FB_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 34 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Lims ID: 460-319954-H-7-B
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:32:08 ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-009
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:06:05

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 84.6 | 84.56 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.9 | 55.85 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 79.8 | 79.76 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 54.6 | 54.62 |

User Disabled Compound Report

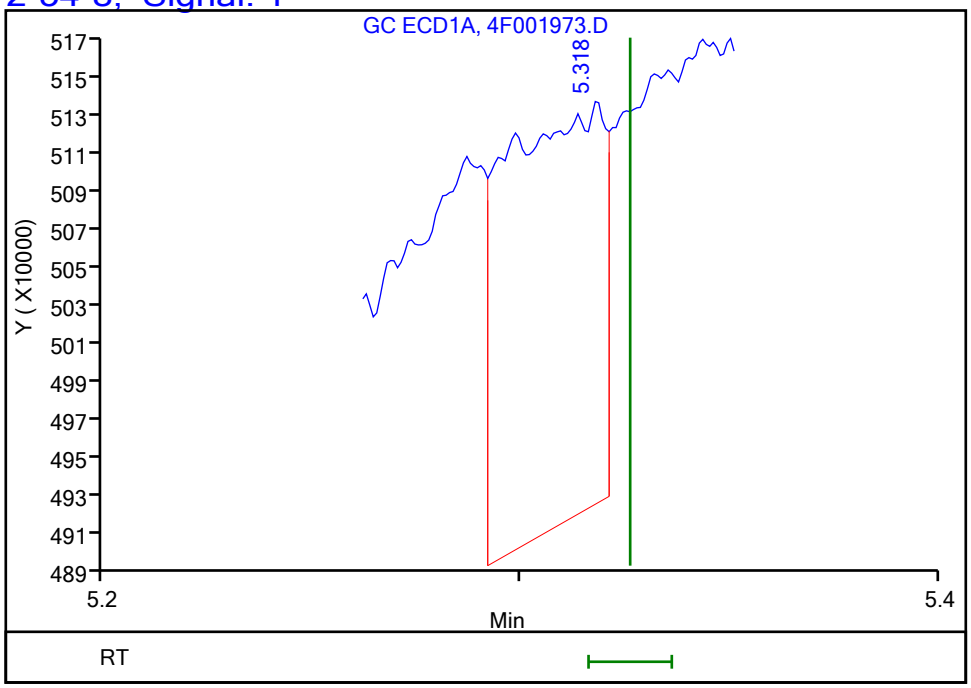
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

16 4,4'-DDD, CAS: 72-54-8, Signal: 1

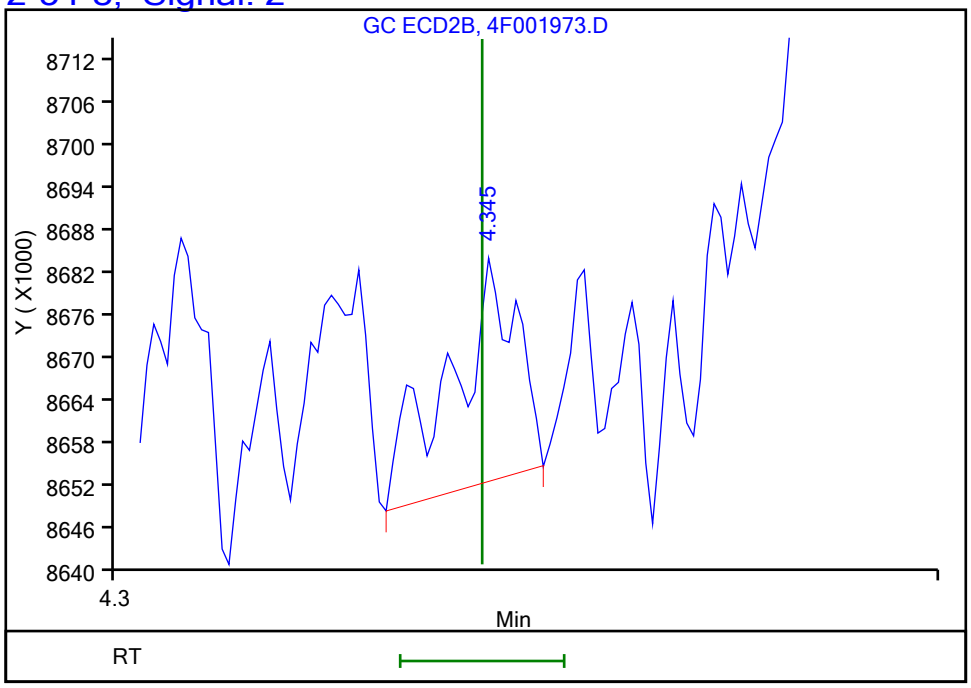
RT: 5.32
Response: 359179
Amount: 0.490179




Column: Detector GC ECD2B

16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.35
Response: 17579
Amount: 0.010236




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D

Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4

Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7

Client ID: FB_02052025

Operator ID: ALS Bottle#: 34 Worklist Smp#: 9

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

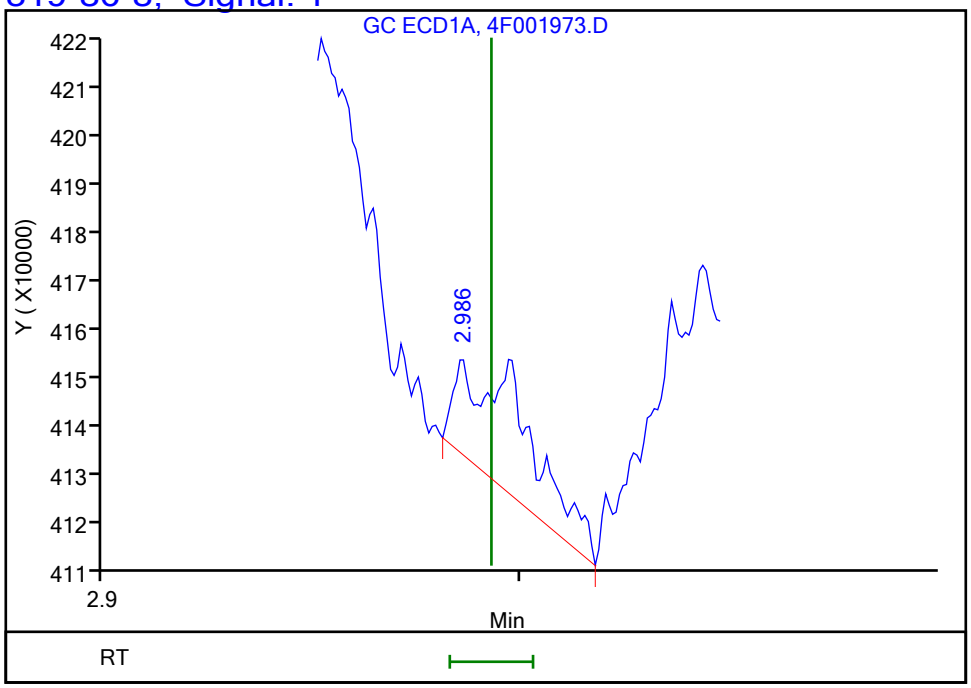
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

RT: 2.99

Response: 26347

Amount: 0.029266



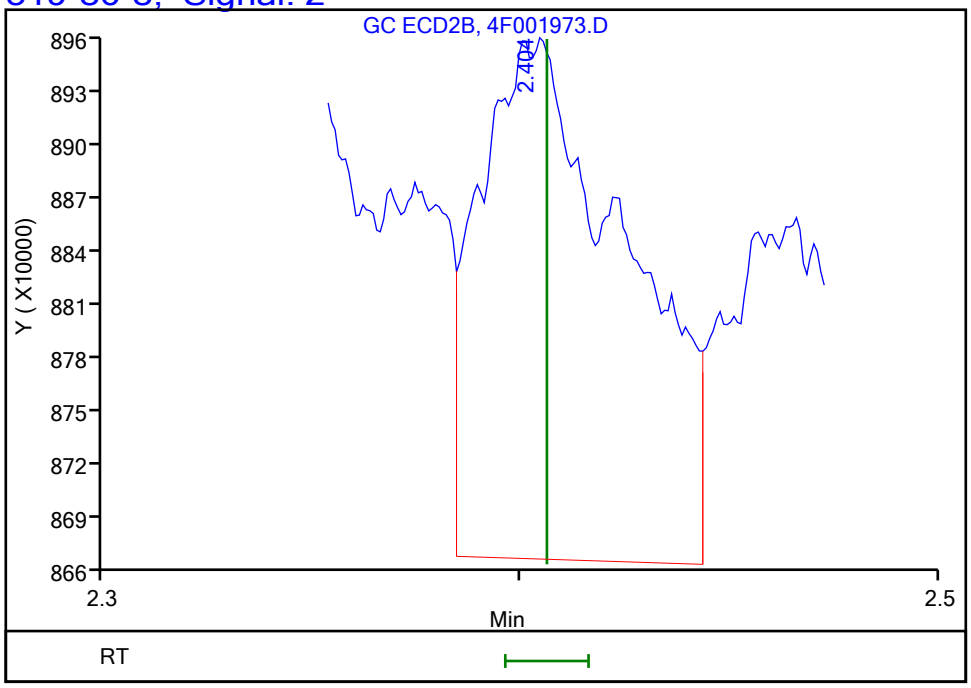

Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.40

Response: 702304

Amount: 0.334521




Reviewer: OR9X, 10-Feb-2025 12:06:05

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

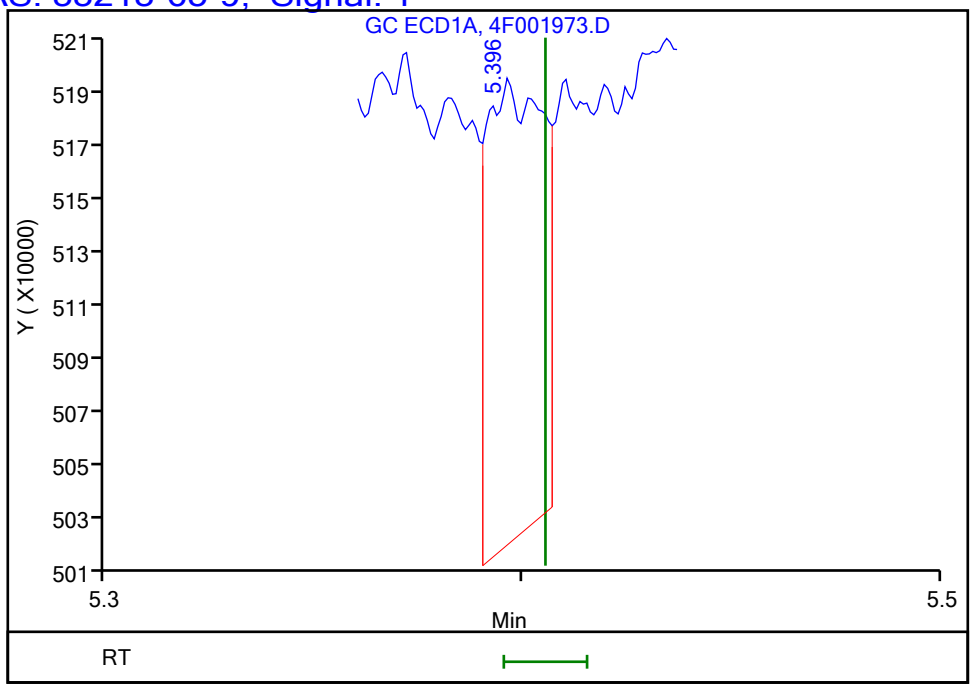
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

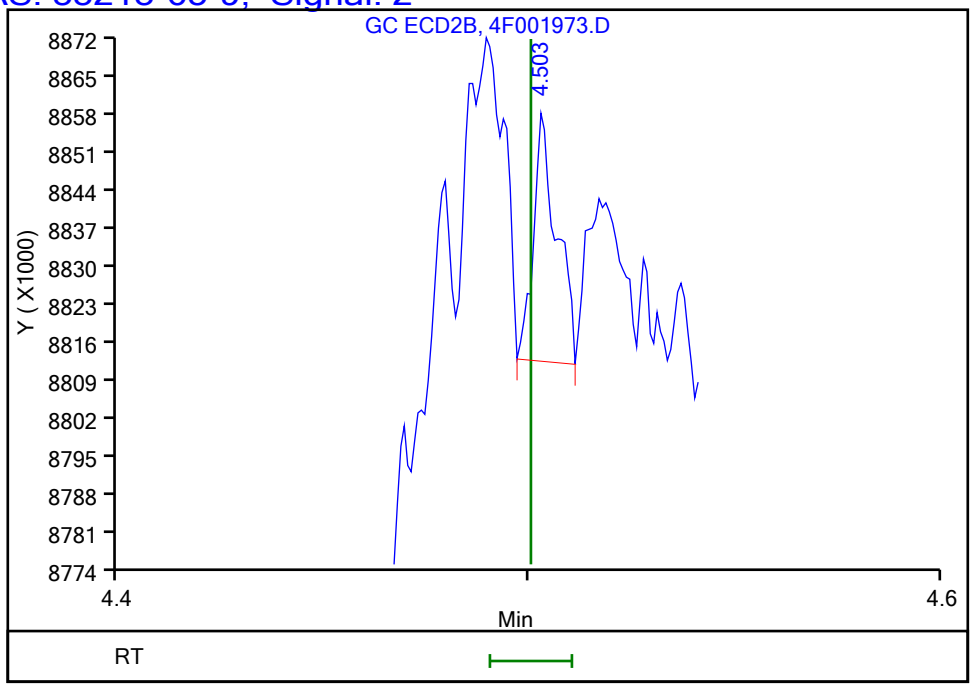
RT: 5.40
Response: 153806
Amount: 0.215241




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.50
Response: 17942
Amount: 0.010881




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

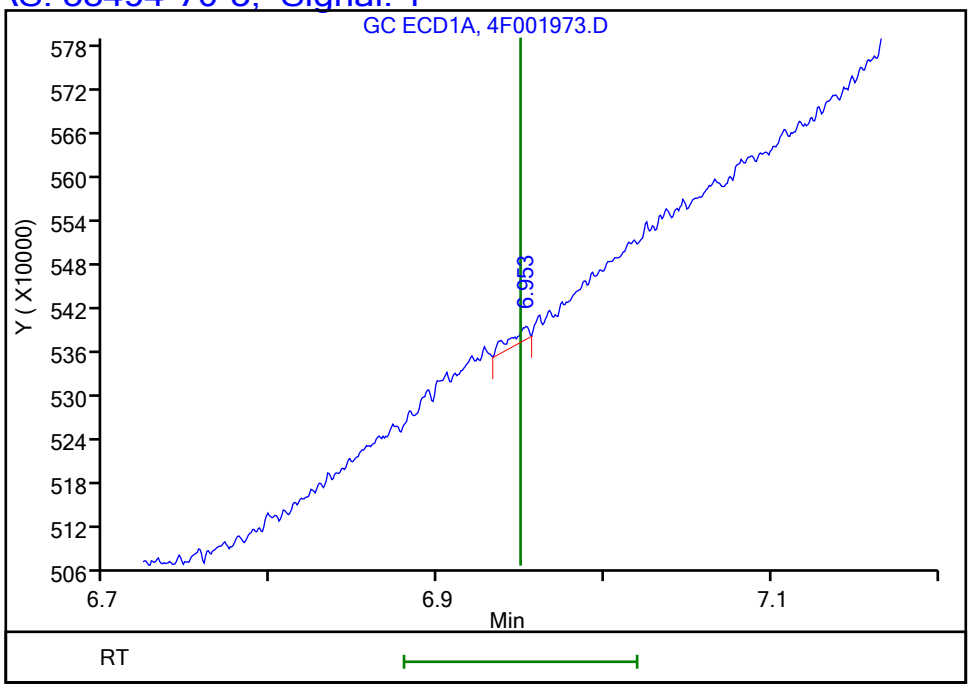
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001973.D
Injection Date: 09-Feb-2025 09:32:08 Instrument ID: CPESTGC4
Lims ID: 460-319954-H-7-B Lab Sample ID: 460-319954-7
Client ID: FB_02052025
Operator ID: ALS Bottle#: 34 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

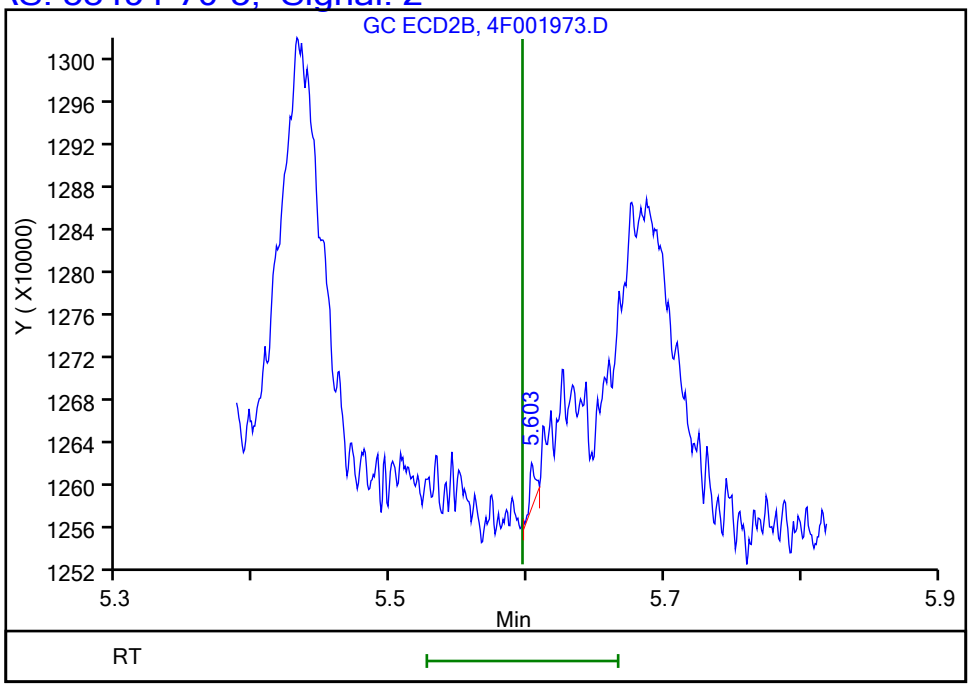
RT: 6.95
Response: 16152
Amount: 0.018257




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.60
Response: 10564
Amount: 0.005056




Reviewer: OR9X, 10-Feb-2025 12:06:05
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017577

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 09:50 Calibration End Date: 01/22/2025 10:39 Calibration ID: 99943

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017577/4 | 12F0068053.D |
| Level 2 | IC 460-1017577/5 | 12F0068054.D |
| Level 3 | ICISAV 460-1017577/3 | 12F0068052.D |
| Level 4 | IC 460-1017577/6 | 12F0068055.D |
| Level 5 | IC 460-1017577/7 | 12F0068056.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.5413 | 1.6289 | 1.6269 | 1.6738 | 1.9887 | Ave | | 1.6919 | | | | 10.2 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.3442 | 1.4226 | 1.4057 | 1.4288 | 1.7027 | Ave | | 1.4608 | | | | 9.5 | | 20.0 | | | |
| beta-BHC | 0.6417 | 0.6238 | 0.6040 | 0.5993 | 0.7030 | Ave | | 0.6344 | | | | 6.6 | | 20.0 | | | |
| delta-BHC | 1.3057 | 1.3512 | 1.3271 | 1.3813 | 1.7173 | Ave | | 1.4165 | | | | 12.0 | | 20.0 | | | |
| Heptachlor | 1.2402 | 1.2002 | 1.1762 | 1.1788 | 1.3852 | Ave | | 1.2361 | | | | 7.1 | | 20.0 | | | |
| Aldrin | 1.4081 | 1.4483 | 1.4111 | 1.4470 | 1.7142 | Ave | | 1.4857 | | | | 8.7 | | 20.0 | | | |
| Heptachlor epoxide | 1.1679 | 1.1646 | 1.1379 | 1.1390 | 1.3400 | Ave | | 1.1899 | | | | 7.2 | | 20.0 | | | |
| trans-Chlordane | 1.1376 | 1.1334 | 1.1115 | 1.1403 | 1.3716 | Ave | | 1.1789 | | | | 9.2 | | 20.0 | | | |
| cis-Chlordane | 1.1192 | 1.1453 | 1.1281 | 1.1390 | 1.3647 | Ave | | 1.1793 | | | | 8.8 | | 20.0 | | | |
| Endosulfan I | 1.0578 | 1.0630 | 1.0702 | 1.0591 | 1.2319 | Ave | | 1.0964 | | | | 6.9 | | 20.0 | | | |
| 4,4'-DDE | 1.2018 | 1.2514 | 1.2548 | 1.2617 | 1.5170 | Ave | | 1.2973 | | | | 9.6 | | 20.0 | | | |
| Dieldrin | 1.1768 | 1.2505 | 1.2588 | 1.2429 | 1.4817 | Ave | | 1.2821 | | | | 9.1 | | 20.0 | | | |
| Endrin | 1.0319 | 1.0485 | 1.0757 | 1.0310 | 1.2044 | Ave | | 1.0783 | | | | 6.8 | | 20.0 | | | |
| 4,4'-DDD | 1.0370 | 1.0811 | 1.0756 | 1.0738 | 1.3801 | Ave | | 1.1295 | | | | 12.5 | | 20.0 | | | |
| Endosulfan II | 1.0554 | 1.0165 | 1.0358 | 1.0050 | 0.9114 | Ave | | 1.0048 | | | | 5.5 | | 20.0 | | | |
| 4,4'-DDT | 0.8591 | 0.8494 | 0.8807 | 0.8700 | 1.0441 | Ave | | 0.9007 | | | | 9.0 | | 20.0 | | | |
| Endrin aldehyde | 0.8225 | 0.7781 | 0.7927 | 0.7590 | 0.9294 | Ave | | 0.8163 | | | | 8.2 | | 20.0 | | | |
| Endosulfan sulfate | 1.0456 | 0.9696 | 0.9818 | 0.9392 | 1.1292 | Ave | | 1.0131 | | | | 7.5 | | 20.0 | | | |
| Methoxychlor | 0.5001 | 0.4628 | 0.5013 | 0.4437 | 0.5210 | Ave | | 0.4858 | | | | 6.5 | | 20.0 | | | |
| Mirex | 0.9378 | 0.7400 | 0.7981 | 0.7311 | 0.8665 | Ave | | 0.8147 | | | | 10.7 | | 20.0 | | | |
| Endrin ketone | 1.1622 | 1.0482 | 1.0817 | 1.0147 | 1.2243 | Ave | | 1.1062 | | | | 7.8 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.2914 | 1.1841 | 1.2258 | 1.2234 | 1.4182 | Ave | | 1.2686 | | | | 7.3 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.0793 | 0.9180 | 0.9734 | 0.9311 | 1.0714 | Ave | | 0.9947 | | | | 7.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017577

SDG No.:

Instrument ID: CPESTGC12 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 09:50 | Calibration End Date: 01/22/2025 10:39 | Calibration ID: 99943

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017577/4 | 12F0068053.D |
| Level 2 | IC 460-1017577/5 | 12F0068054.D |
| Level 3 | ICISAV 460-1017577/3 | 12F0068052.D |
| Level 4 | IC 460-1017577/6 | 12F0068055.D |
| Level 5 | IC 460-1017577/7 | 12F0068056.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 5455930 | 130236620 | 227298754 | 692282033 | 1200561698 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 4757998 | 113741747 | 196394514 | 590980982 | 1027956553 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 2271590 | 49876942 | 84381882 | 247882911 | 424408313 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 4621929 | 108032697 | 185414304 | 571321039 | 1036743976 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 4389904 | 95959413 | 164331440 | 487558597 | 836252881 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 4984490 | 115801614 | 197146011 | 598511475 | 1034840476 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 4134139 | 93117991 | 158974324 | 471111373 | 808992291 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 4026965 | 90625431 | 155285266 | 471627067 | 828069227 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 3961741 | 91571393 | 157606980 | 471120867 | 823886024 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 3744228 | 84989318 | 149526198 | 438066051 | 743711576 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 4254062 | 100055633 | 175316135 | 521857932 | 915826382 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 4165703 | 99981725 | 175866104 | 514084454 | 894513952 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 3652513 | 83834476 | 150290237 | 426419219 | 727124126 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 3670691 | 86440699 | 150272246 | 444138869 | 833190381 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 3735902 | 81278096 | 144712929 | 415675997 | 550205025 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 3041192 | 67913275 | 123050070 | 359825719 | 630322930 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 2911486 | 62215931 | 110750836 | 313916505 | 561093322 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 3701178 | 77528135 | 137173360 | 388456713 | 681699424 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 1770172 | 37002139 | 70039448 | 183498824 | 314529102 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 3319563 | 59167202 | 111504413 | 302395046 | 523117921 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 4113939 | 83809796 | 151129507 | 419698908 | 739124546 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 11427958 | 94675234 | 171263668 | 303618072 | 342475730 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 9551493 | 73396424 | 136003844 | 231076216 | 258721647 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Lims ID: ICISAV
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 22-Jan-2025 09:50:17 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:25 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 22-Jan-2025 10:10:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.516 | 0.000 | 139713564 | 100.0 | 100.0 | |
| 2 | 1.443 | 1.443 | 0.000 | 349577491 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 171263668 | 100.0 | 96.6 | |
| 2 | 1.819 | 1.819 | 0.000 | 485095821 | 100.0 | 104.9 | |
| | | | | | | RPD = 8.23 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 227298754 | 100.0 | 96.2 | |
| 2 | 2.137 | 2.137 | 0.000 | 673868502 | 100.0 | 103.3 | |
| | | | | | | RPD = 7.16 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 196394514 | 100.0 | 96.2 | M |
| 2 | 2.332 | 2.332 | 0.000 | 694788929 | 100.0 | 103.1 | |
| | | | | | | RPD = 6.94 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 84381882 | 100.0 | 95.2 | M |
| 2 | 2.381 | 2.381 | 0.000 | 225202488 | 100.0 | 105.6 | |
| | | | | | | RPD = 10.37 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.109 | 3.109 | 0.000 | 185414304 | 100.0 | 93.7 | |
| 2 | 2.502 | 2.502 | 0.000 | 562093736 | 100.0 | 106.5 | |
| | | | | | | RPD = 12.79 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.197 | 3.197 | 0.000 | 164331440 | 100.0 | 95.2 | |
| 2 | 2.657 | 2.657 | 0.000 | 497724698 | 100.0 | 109.0 | |
| | | | | | | RPD = 13.59 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 197146011 | 100.0 | 95.0 | |
| 2 | 2.889 | 2.889 | 0.000 | 596220366 | 100.0 | 107.8 | |
| | | | | | | RPD = 12.62 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.231 | 4.231 | 0.000 | 158974324 | 100.0 | 95.6 | |
| 2 | 3.440 | 3.440 | 0.000 | 486059031 | 100.0 | 107.8 | |
| | | | | | | RPD = 11.93 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 155285266 | 100.0 | 94.3 | |
| 2 | 3.575 | 3.575 | 0.000 | 478742314 | 100.0 | 107.6 | |
| | | | | | | RPD = 13.22 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.652 | 4.652 | 0.000 | 157606980 | 100.0 | 95.7 | M |
| 2 | 3.726 | 3.726 | 0.000 | 476661348 | 100.0 | 108.0 | |
| | | | | | | RPD = 12.15 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 149526198 | 100.0 | 97.6 | M |
| 2 | 3.883 | 3.883 | 0.000 | 463246734 | 100.0 | 113.6 | |
| | | | | | | RPD = 15.17 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.851 | 4.851 | 0.000 | 175316135 | 100.0 | 96.7 | |
| 2 | 3.824 | 3.824 | 0.000 | 573887490 | 100.0 | 109.0 | |
| | | | | | | RPD = 11.92 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 175866104 | 100.0 | 98.2 | |
| 2 | 4.160 | 4.160 | 0.000 | 521231302 | 100.0 | 109.8 | |
| | | | | | | RPD = 11.19 | |
| 20 Endrin | | | | | | | |
| 1 | 5.319 | 5.319 | 0.000 | 150290237 | 100.0 | 99.8 | |
| 2 | 4.423 | 4.423 | 0.000 | 431250281 | 100.0 | 113.2 | |
| | | | | | | RPD = 12.61 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.437 | 5.437 | 0.000 | 150272246 | 100.0 | 95.2 | |
| 2 | 4.522 | 4.522 | 0.000 | 380215529 | 100.0 | 115.5 | |
| | | | | | | RPD = 19.22 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.526 | 5.526 | 0.000 | 144712929 | 100.0 | 103.1 | |
| 2 | 4.680 | 4.680 | 0.000 | 406235015 | 100.0 | 119.2 | |
| | | | | | | RPD = 14.54 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.788 | 5.788 | 0.000 | 123050070 | 100.0 | 97.8 | |
| 2 | 4.830 | 4.830 | 0.000 | 358770184 | 100.0 | 111.7 | |
| | | | | | | RPD = 13.31 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 110750836 | 100.0 | 97.1 | |
| 2 | 5.092 | 5.092 | 0.000 | 355816313 | 100.0 | 109.7 | |
| | | | | | | RPD = 12.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.294 | 6.294 | 0.000 | 137173360 | 100.0 | 96.9 | |
| 2 | 5.489 | 5.489 | 0.000 | 447860874 | 100.0 | 110.8 | |
| | | | | | | RPD = 13.41 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.906 | 6.906 | 0.000 | 70039448 | 100.0 | 103.2 | |
| 2 | 5.306 | 5.306 | 0.000 | 208978540 | 100.0 | 110.6 | |
| | | | | | | RPD = 6.93 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 111504413 | 100.0 | 98.0 | |
| 2 | 5.376 | 5.376 | 0.000 | 334426062 | 100.0 | 108.2 | |
| | | | | | | RPD = 9.91 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 151129507 | 100.0 | 97.8 | |
| 2 | 5.767 | 5.767 | 0.000 | 462954665 | 100.0 | 109.0 | |
| | | | | | | RPD = 10.89 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.333 | 8.333 | 0.000 | 136003844 | 100.0 | 97.9 | |
| 2 | 7.364 | 7.364 | 0.000 | 565348790 | 100.0 | 110.0 | |
| | | | | | | RPD = 11.64 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

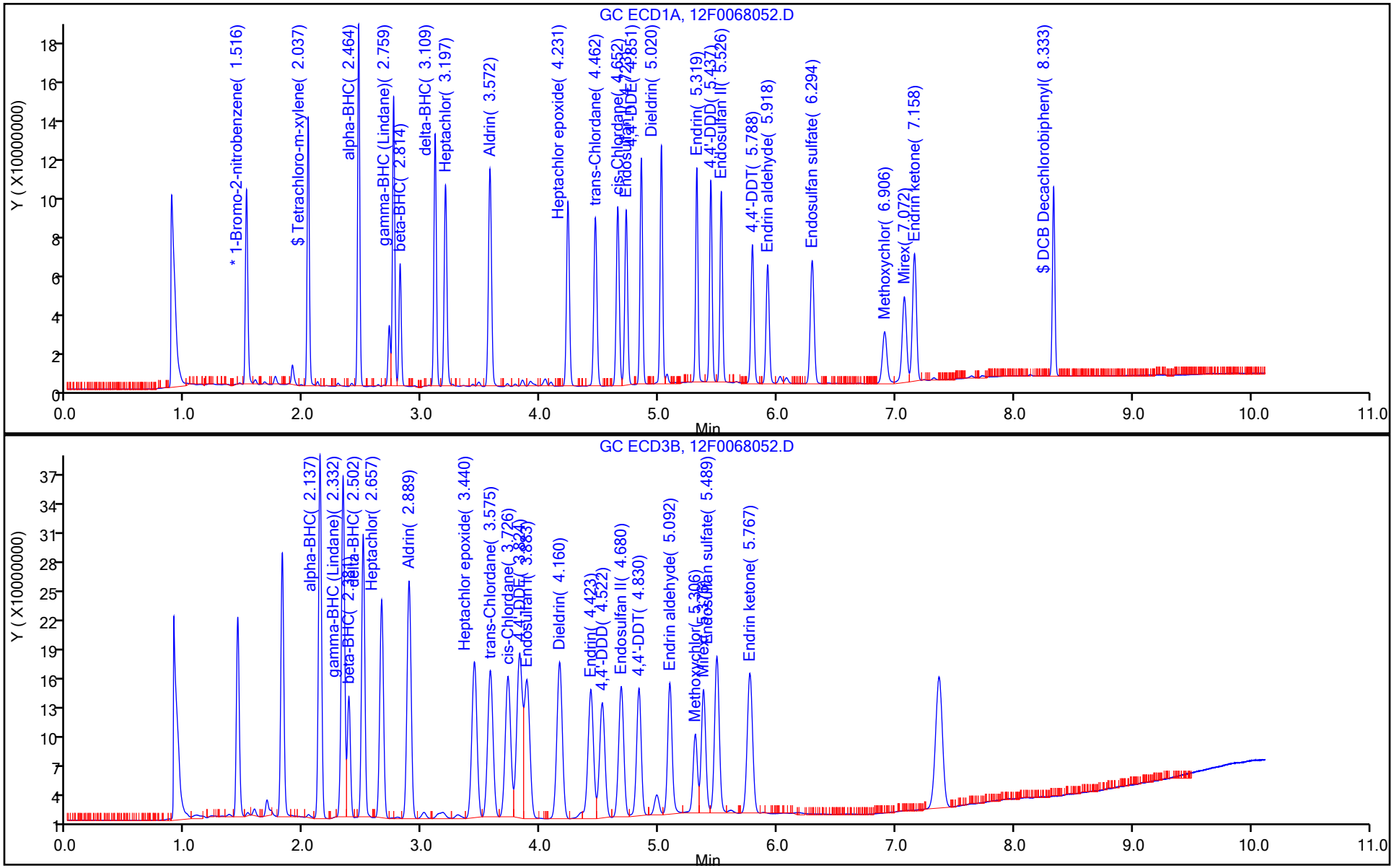
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:26 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 09:50:17 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | ICISAV | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

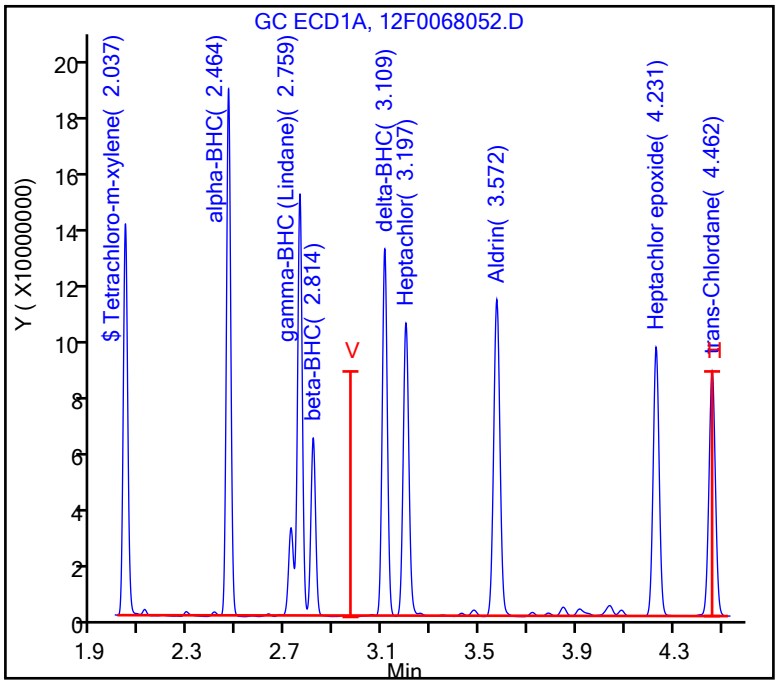
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 83474000
H(Smaller Peak Height) = 83180936

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

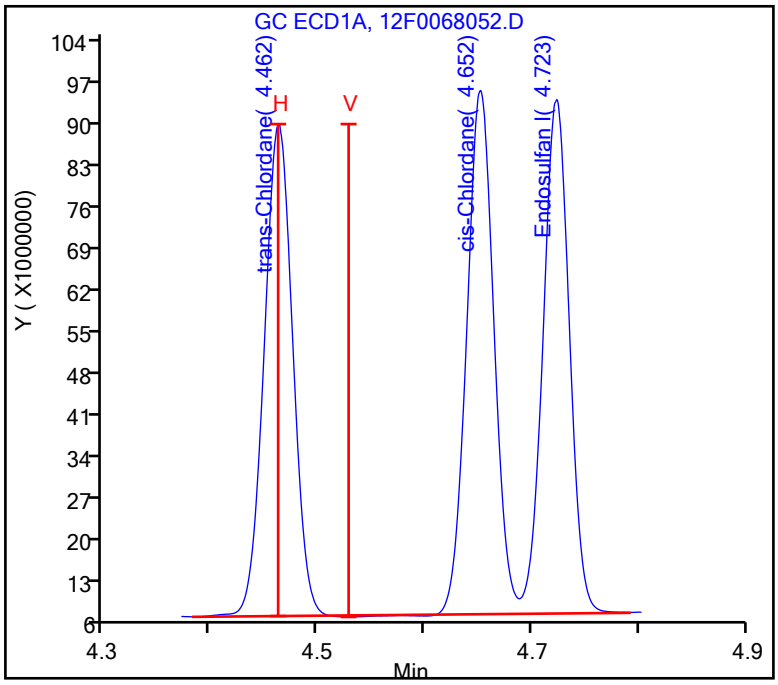
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 83189408
H(Smaller Peak Height) = 83041584

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

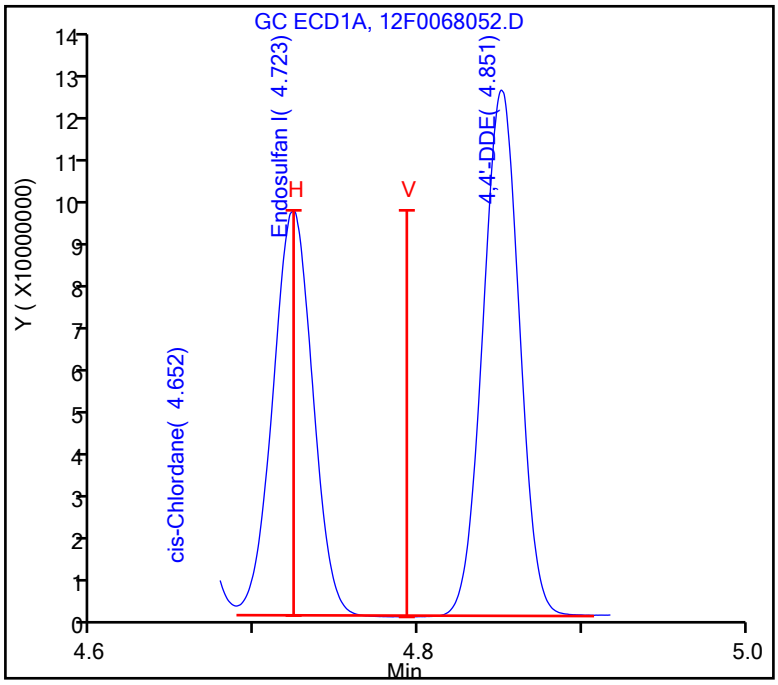
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 86561968
H(Smaller Peak Height) = 86854200

%Resolution = 99.7, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

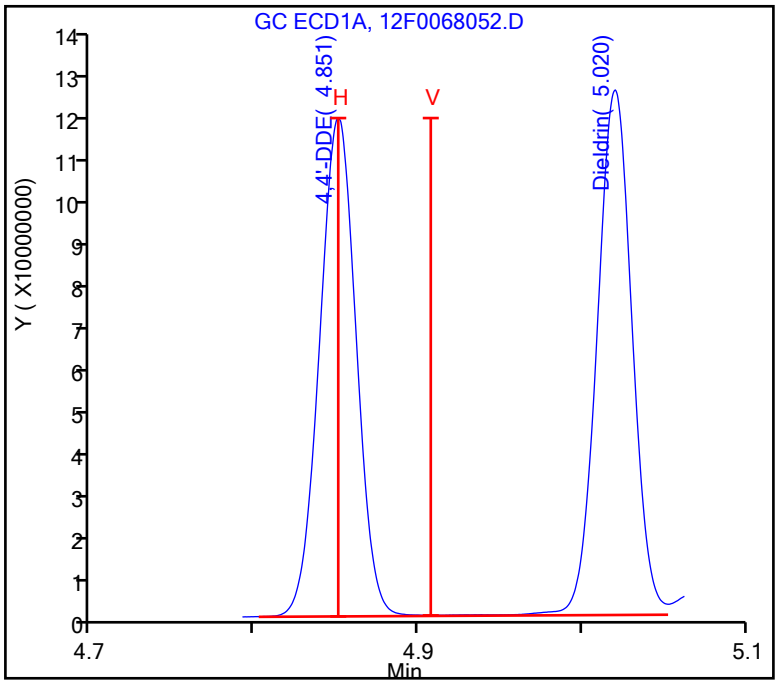
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 111794216
H(Smaller Peak Height) = 112026736

%Resolution = 99.8, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

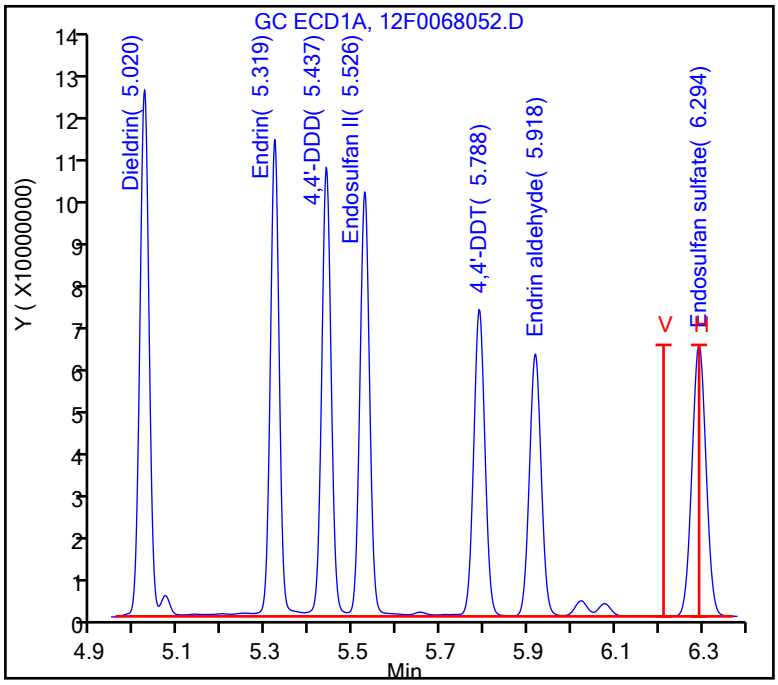
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 60805544
H(Smaller Peak Height) = 60828060

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

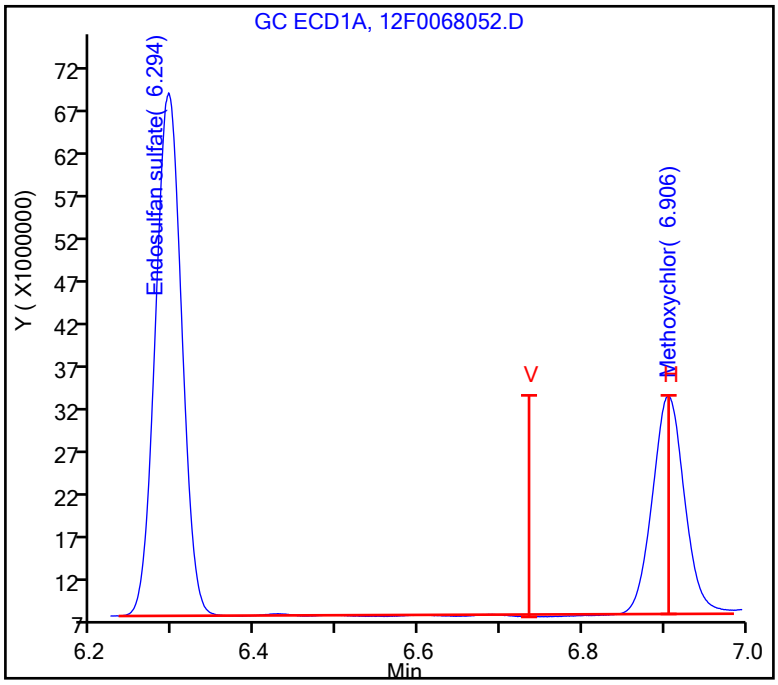
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 25760384
H(Smaller Peak Height) = 25415148

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

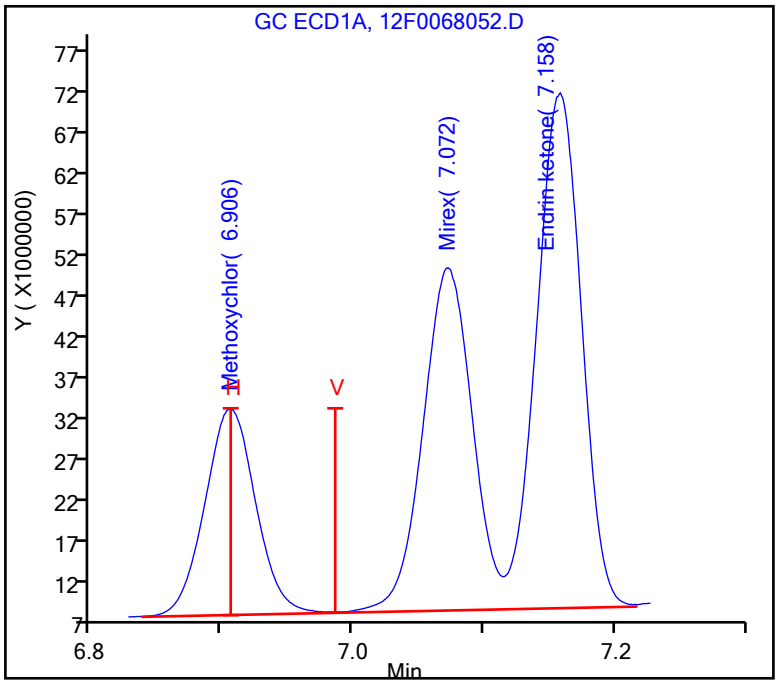
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 24994412
H(Smaller Peak Height) = 25330248

%Resolution = 98.7, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

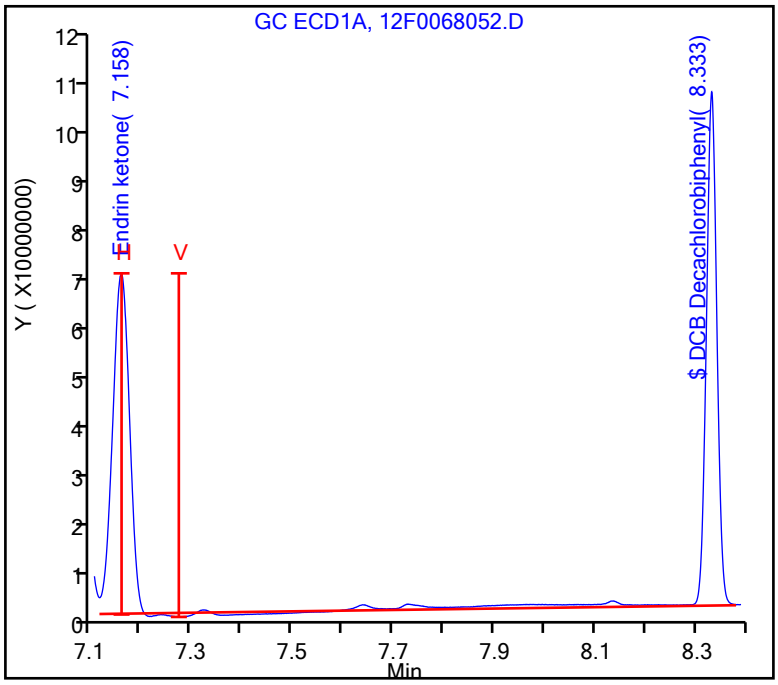
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 62760608
H(Smaller Peak Height) = 63204816

%Resolution = 99.3, Min. Resolution > 60.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

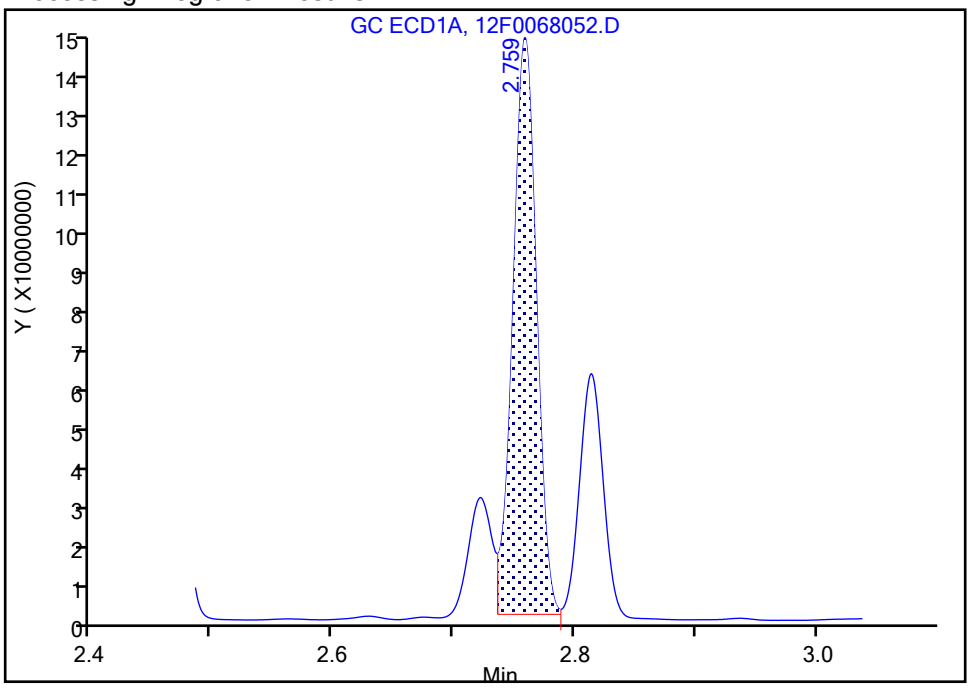
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

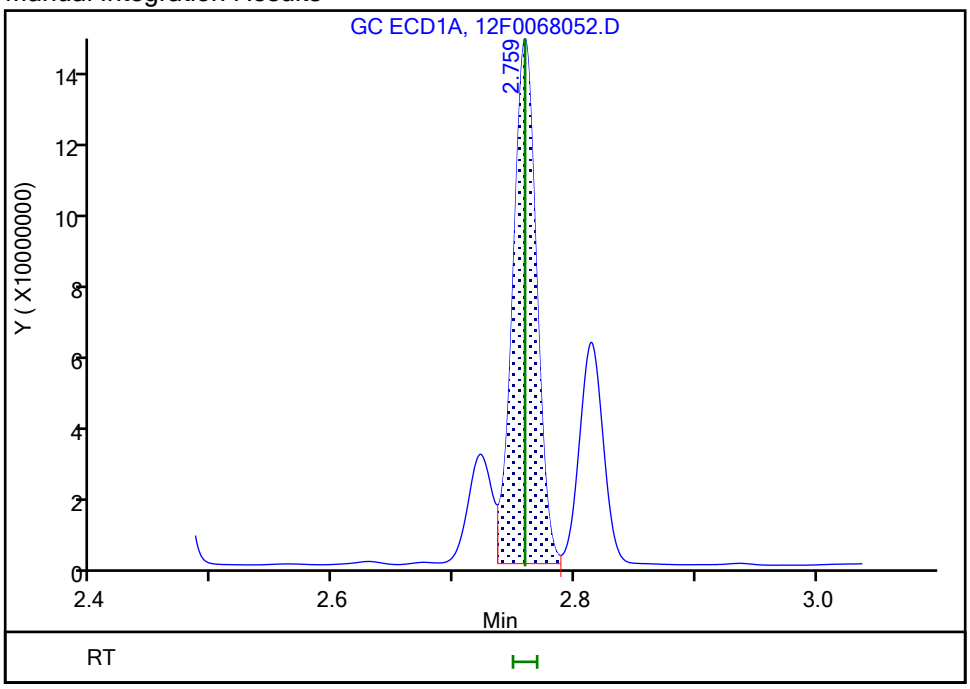
Processing Integration Results

RT: 2.76
Area: 191422127
Amount: 94.029740
Amount Units: ug/l




Manual Integration Results

RT: 2.76
Area: 196394514
Amount: 96.227890
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 10:09:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

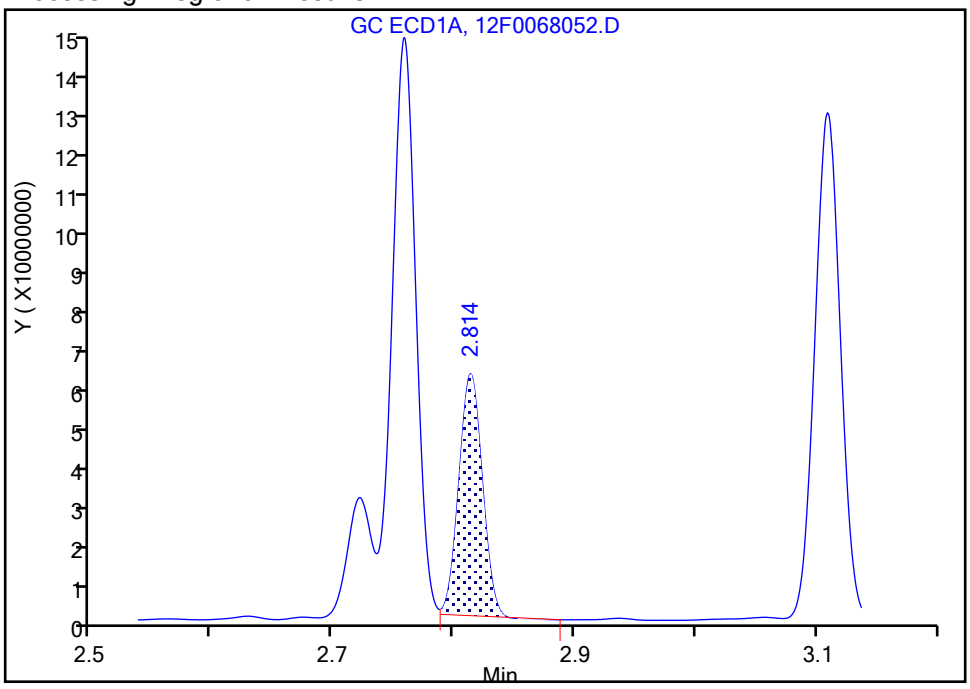
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

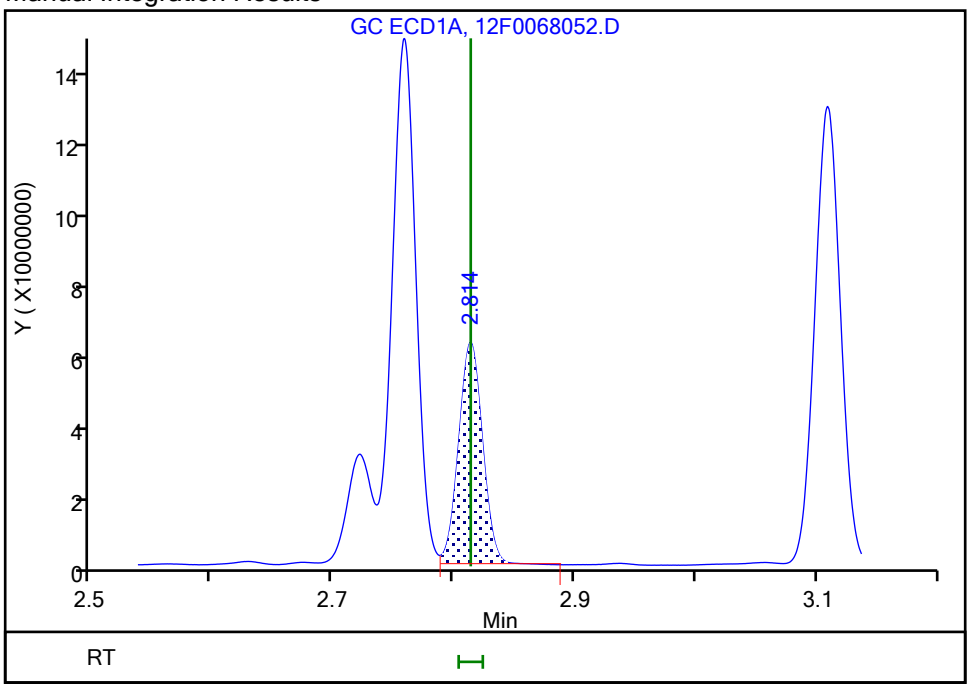
Processing Integration Results

RT: 2.81
Area: 80306650
Amount: 91.017953
Amount Units: ug/l




Manual Integration Results

RT: 2.81
Area: 84381882
Amount: 95.207613
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 10:09:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

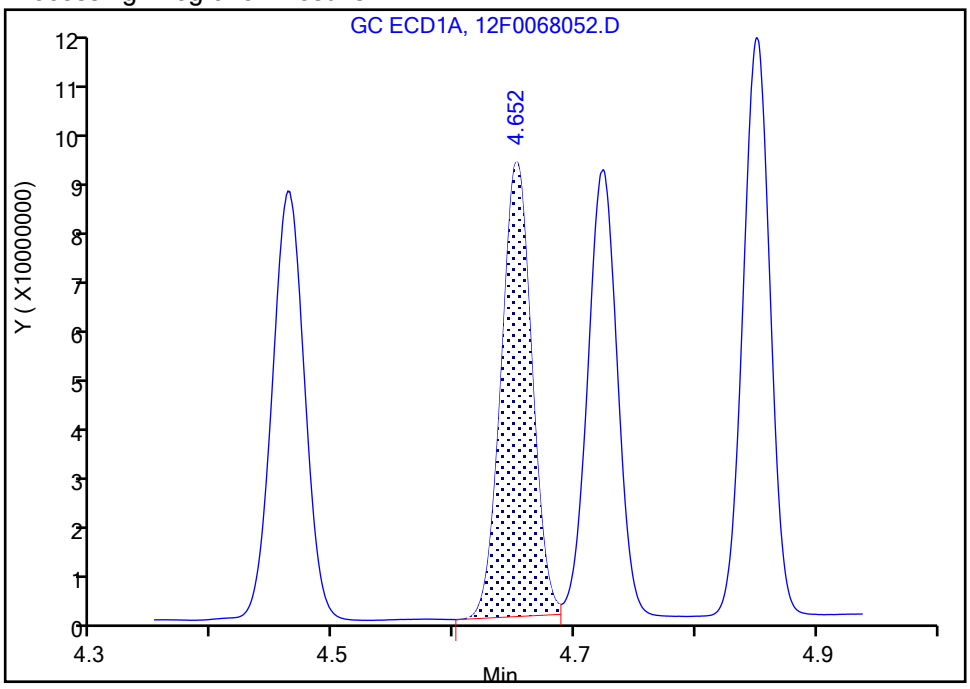
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

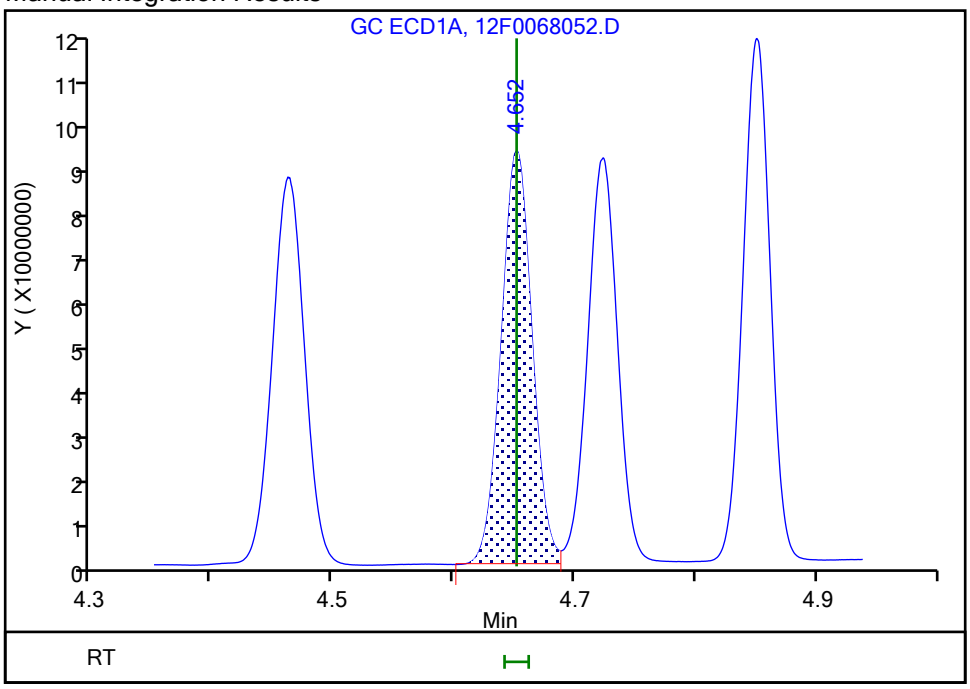
Processing Integration Results

RT: 4.65
Area: 155637986
Amount: 91.745707
Amount Units: ug/l




Manual Integration Results

RT: 4.65
Area: 157606980
Amount: 95.659092
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 10:09:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

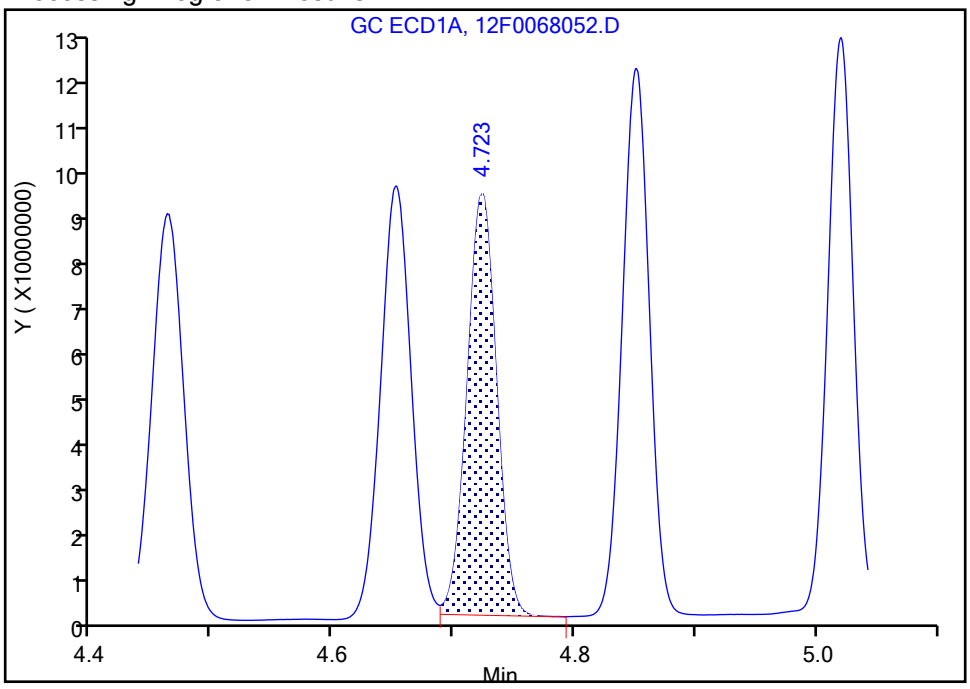
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

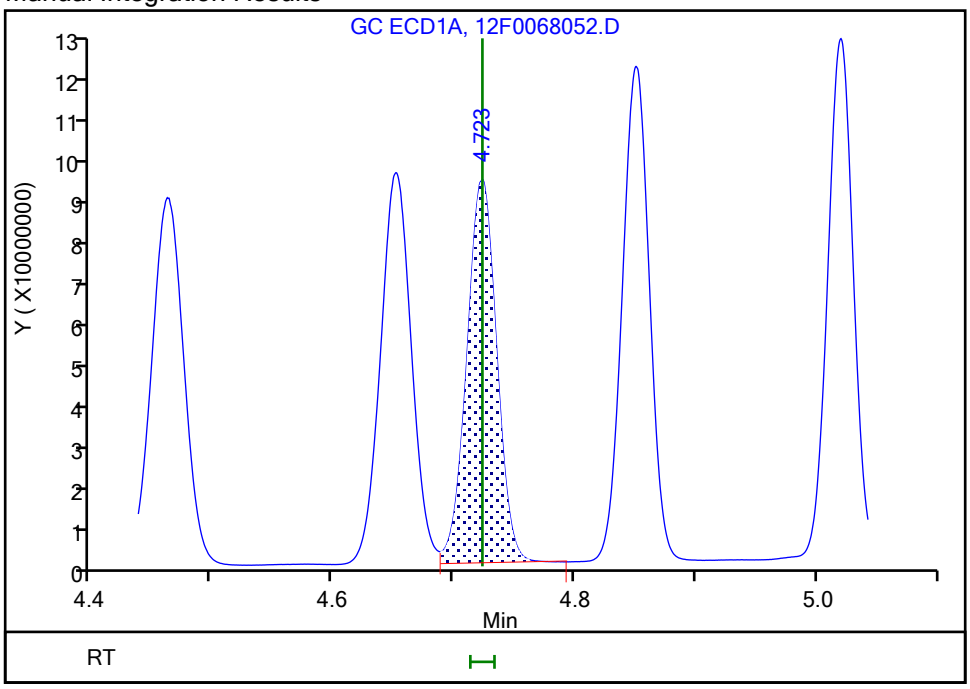
Processing Integration Results

RT: 4.72
Area: 147196512
Amount: 95.417678
Amount Units: ug/l




Manual Integration Results

RT: 4.72
Area: 149526198
Amount: 97.613729
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 10:09:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Jan-2025 10:02:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:34 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:47:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.516 | 0.001 | 141590844 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 388330125 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 11427958 | 6.25 | 6.36 | |
| 2 | 1.819 | 1.819 | 0.000 | 31274171 | 6.25 | 6.09 | |
| | | | | | | RPD = 4.38 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 5455930 | 2.50 | 2.28 | |
| 2 | 2.135 | 2.137 | -0.002 | 14515063 | 2.50 | 2.00 | |
| | | | | | | RPD = 12.82 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 4757998 | 2.50 | 2.30 | |
| 2 | 2.333 | 2.332 | 0.001 | 15736517 | 2.50 | 2.10 | M |
| | | | | | | RPD = 8.96 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.813 | 2.814 | -0.001 | 2271590 | 2.50 | 2.53 | |
| 2 | 2.382 | 2.381 | 0.001 | 5685502 | 2.50 | 2.40 | M |
| | | | | | | RPD = 5.22 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.110 | 3.109 | 0.001 | 4621929 | 2.50 | 2.30 | |
| 2 | 2.500 | 2.502 | -0.002 | 12007565 | 2.50 | 2.05 | |
| | | | | | | RPD = 11.79 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.196 | 3.197 | -0.001 | 4389904 | 2.50 | 2.51 | |
| 2 | 2.657 | 2.657 | 0.000 | 12000568 | 2.50 | 2.37 | |
| | | | | | | RPD = 5.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 4984490 | 2.50 | 2.37 | |
| 2 | 2.889 | 2.889 | 0.000 | 13304213 | 2.50 | 2.16 | |
| | | | | | | RPD = 9.03 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.232 | 4.231 | 0.001 | 4134139 | 2.50 | 2.45 | |
| 2 | 3.441 | 3.440 | 0.001 | 11802862 | 2.50 | 2.36 | |
| | | | | | | RPD = 4.08 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.463 | 4.462 | 0.001 | 4026965 | 2.50 | 2.41 | |
| 2 | 3.576 | 3.575 | 0.001 | 11332857 | 2.50 | 2.29 | |
| | | | | | | RPD = 5.06 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 3961741 | 2.50 | 2.37 | |
| 2 | 3.726 | 3.726 | 0.000 | 11739693 | 2.50 | 2.40 | M |
| | | | | | | RPD = 0.94 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 3744228 | 2.50 | 2.41 | |
| 2 | 3.886 | 3.883 | 0.003 | 10205772 | 2.50 | 2.25 | M |
| | | | | | | RPD = 6.78 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.850 | 4.851 | -0.001 | 4254062 | 2.50 | 2.32 | M |
| 2 | 3.827 | 3.824 | 0.003 | 12821400 | 2.50 | 2.19 | M |
| | | | | | | RPD = 5.50 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 5.019 | 5.020 | -0.001 | 4165703 | 2.50 | 2.29 | M |
| 2 | 4.159 | 4.160 | -0.001 | 11657667 | 2.50 | 2.21 | |
| | | | | | | RPD = 3.72 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.318 | 5.319 | -0.001 | 3652513 | 2.50 | 2.39 | M |
| 2 | 4.426 | 4.423 | 0.003 | 7443003 | 2.50 | 1.76 | |
| | | | | | | RPD = 30.53 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.437 | 5.437 | 0.000 | 3670691 | 2.50 | 2.30 | M |
| 2 | 4.521 | 4.522 | -0.001 | 6275793 | 2.50 | 1.72 | |
| | | | | | | RPD = 28.89 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.525 | 5.526 | -0.001 | 3735902 | 2.50 | 2.63 | M |
| 2 | 4.683 | 4.680 | 0.003 | 8740202 | 2.50 | 2.31 | |
| | | | | | | RPD = 12.82 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.788 | 5.788 | 0.000 | 3041192 | 2.50 | 2.38 | |
| 2 | 4.831 | 4.830 | 0.001 | 7788113 | 2.50 | 2.18 | |
| | | | | | | RPD = 8.82 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.916 | 5.918 | -0.002 | 2911486 | 2.50 | 2.52 | |
| 2 | 5.092 | 5.092 | 0.000 | 8739696 | 2.50 | 2.43 | |
| | | | | | | RPD = 3.74 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.293 | 6.294 | -0.001 | 3701178 | 2.50 | 2.58 | |
| 2 | 5.486 | 5.489 | -0.003 | 9669950 | 2.50 | 2.15 | M |
| | | | | | | RPD = 17.98 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.909 | 6.906 | 0.003 | 1770172 | 2.50 | 2.57 | M |
| 2 | 5.307 | 5.306 | 0.001 | 5691970 | 2.50 | 2.71 | M |
| | | | | | | RPD = 5.24 | |
| 34 Mirex | | | | | | | M |
| 1 | 7.073 | 7.072 | 0.001 | 3319563 | 2.50 | 2.88 | |
| 2 | 5.376 | 5.376 | 0.000 | 8923977 | 2.50 | 2.60 | M |
| | | | | | | RPD = 10.19 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 4113939 | 2.50 | 2.63 | |
| 2 | 5.765 | 5.767 | -0.002 | 10955279 | 2.50 | 2.32 | |
| | | | | | | RPD = 12.27 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.338 | 8.333 | 0.005 | 9551493 | 6.25 | 6.78 | |
| 2 | 7.366 | 7.364 | 0.002 | 36244134 | 6.25 | 6.35 | |
| | | | | | | RPD = 6.64 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

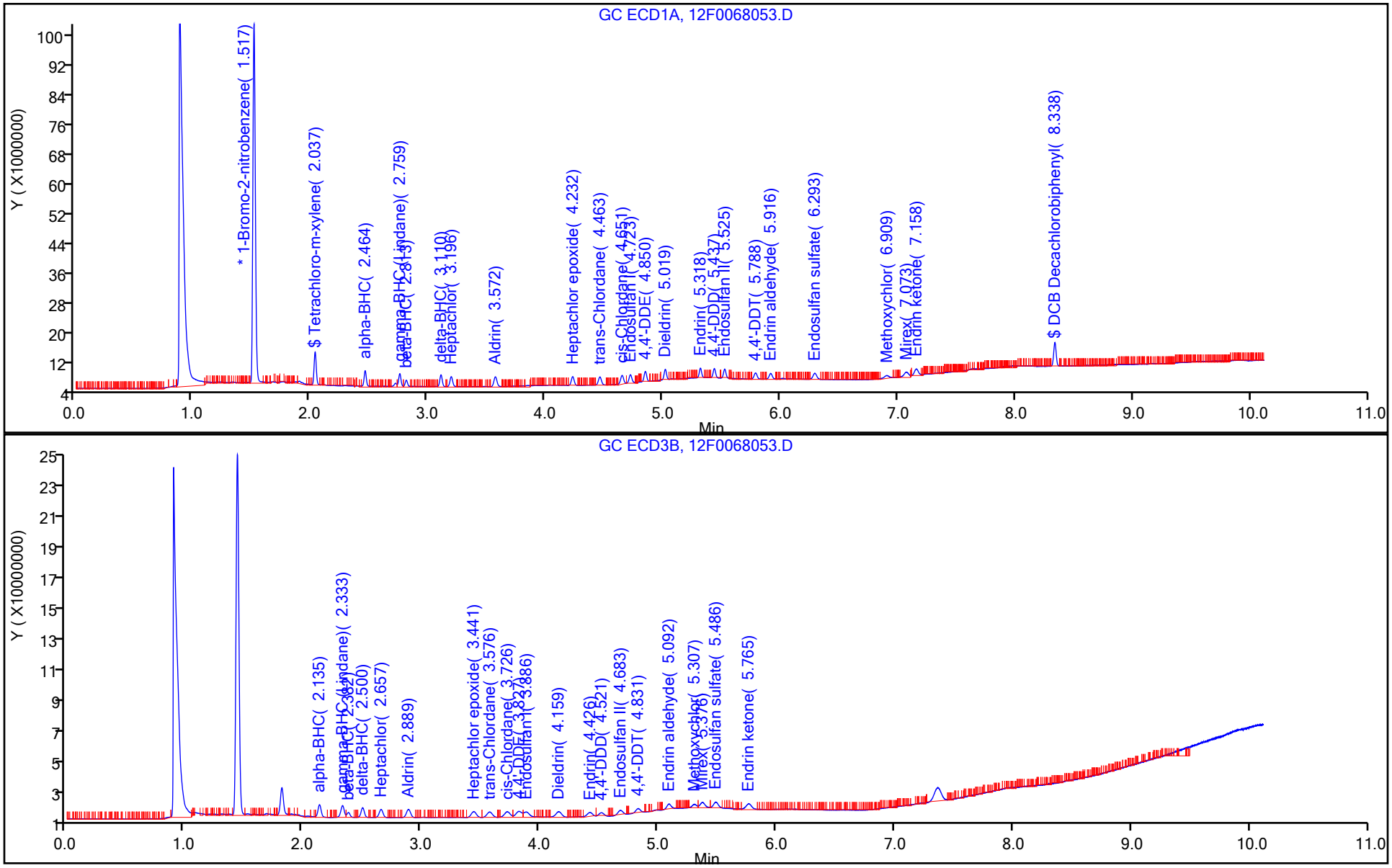
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:35 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:02:34 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

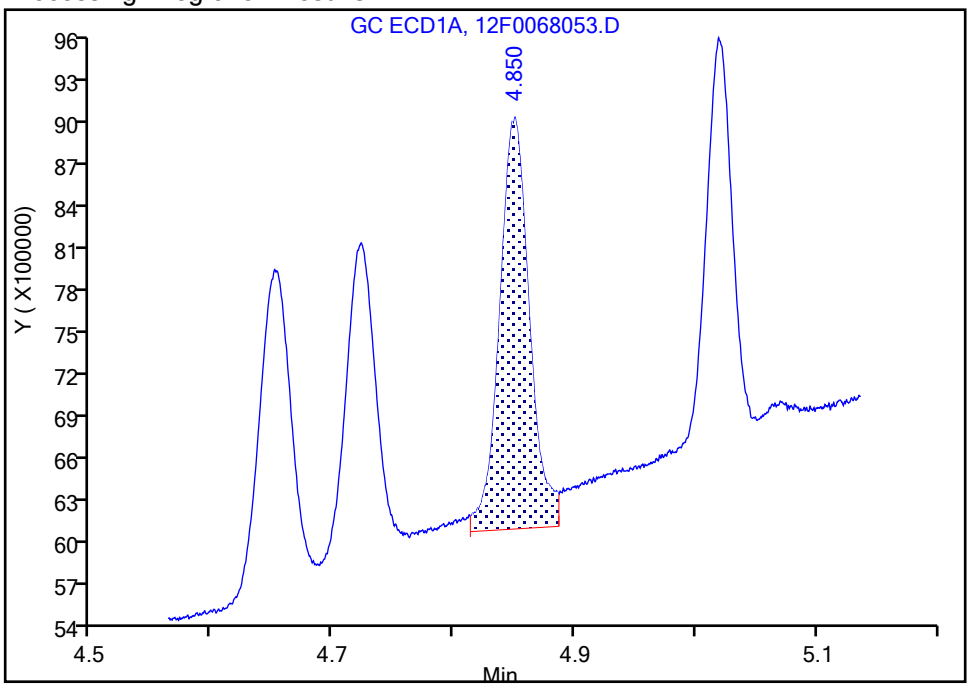
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

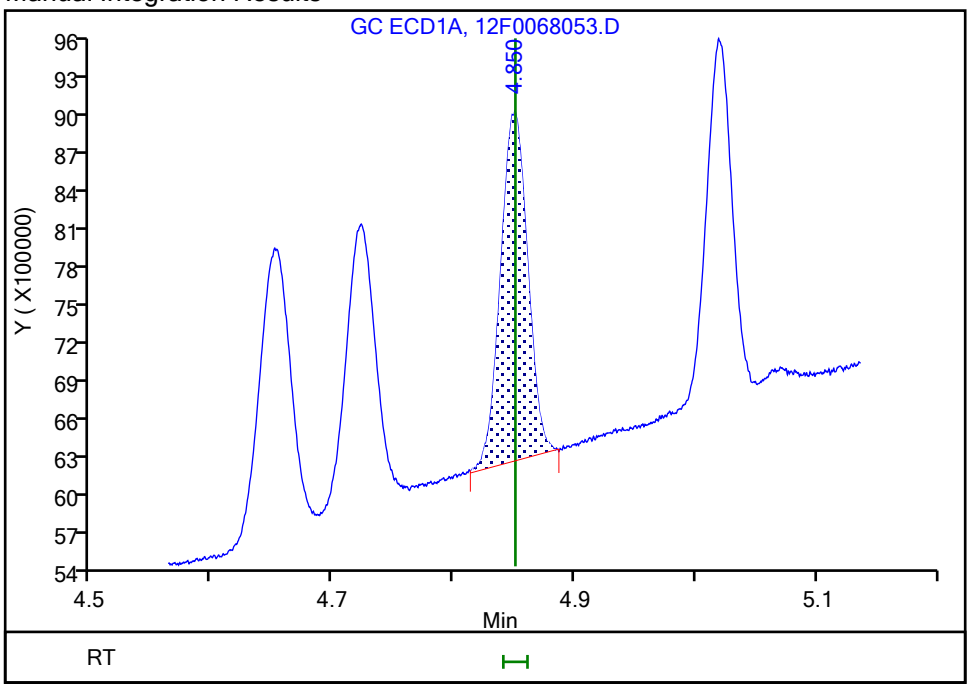
Processing Integration Results

RT: 4.85
Area: 4999130
Amount: 2.633118
Amount Units: ug/l




Manual Integration Results

RT: 4.85
Area: 4254062
Amount: 2.315865
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:46:27 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

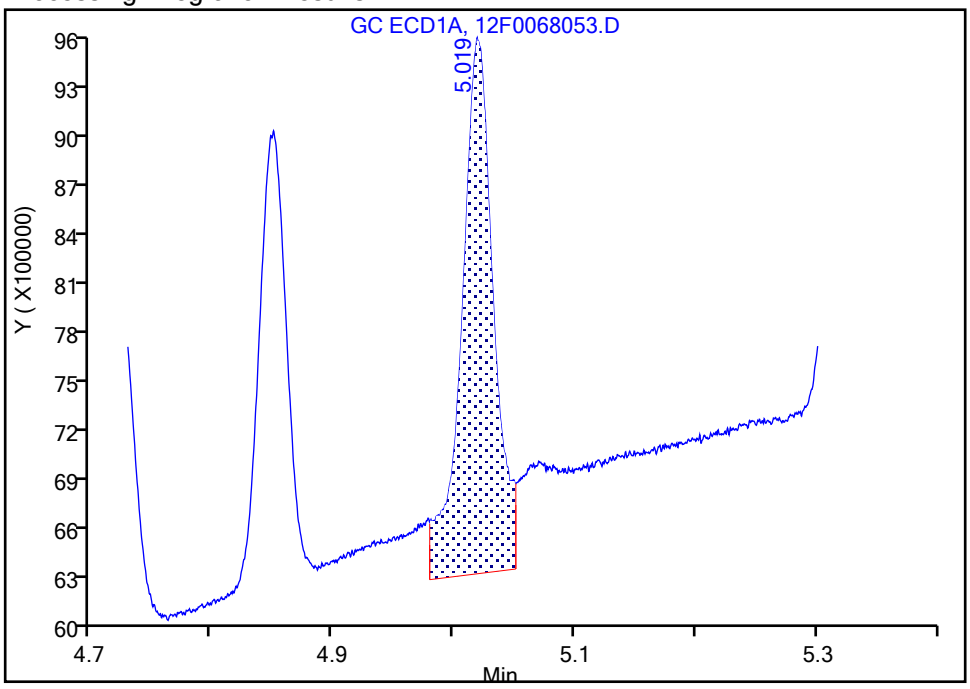
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

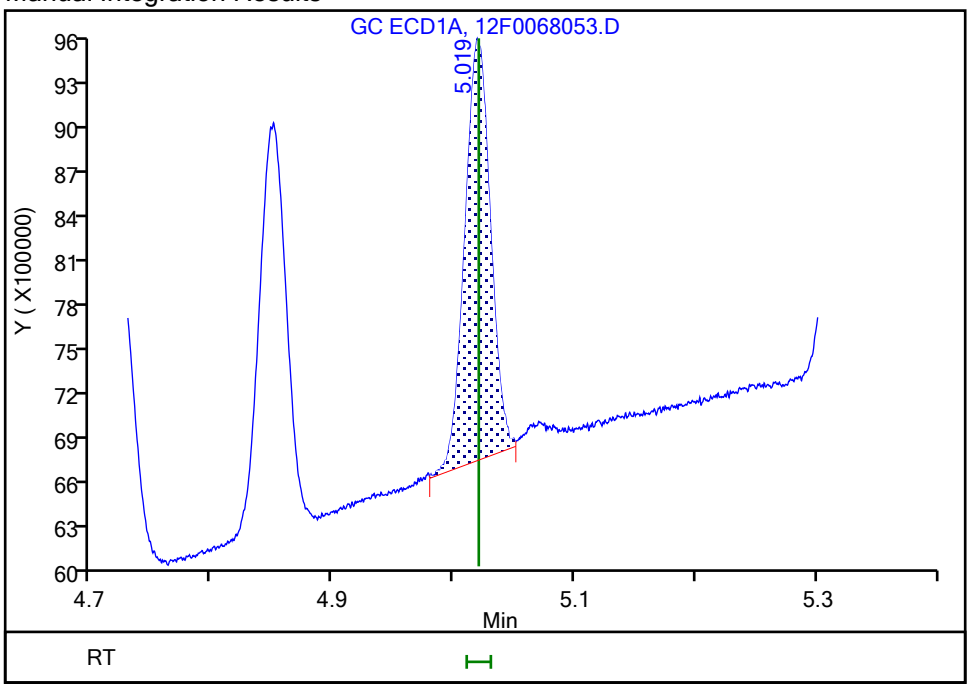
Processing Integration Results

RT: 5.02
Area: 5939560
Amount: 3.030203
Amount Units: ug/l




Manual Integration Results

RT: 5.02
Area: 4165703
Amount: 2.294665
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:46:29 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

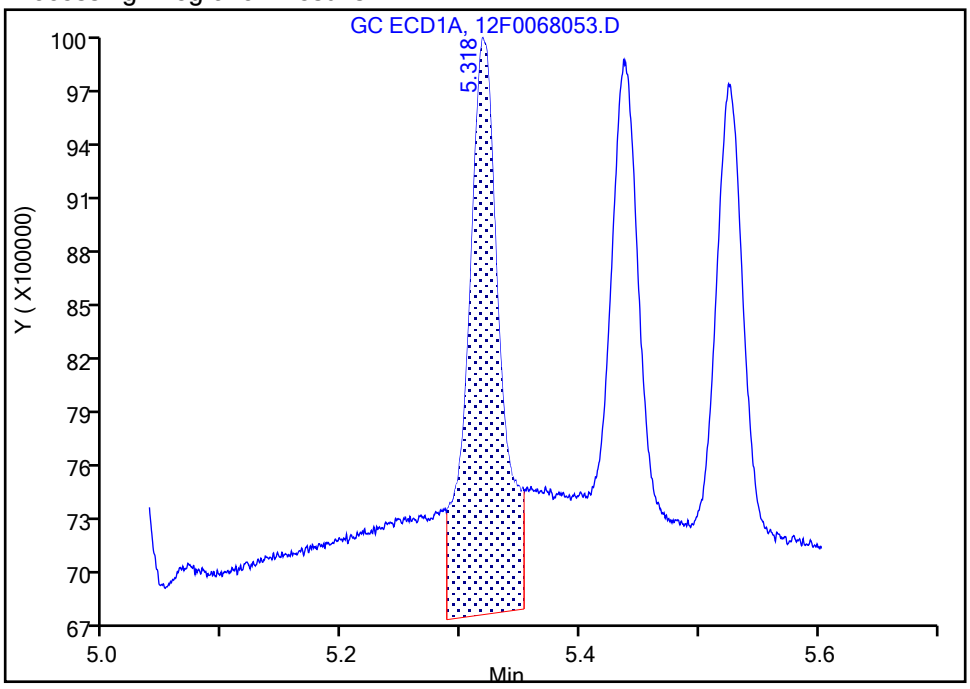
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

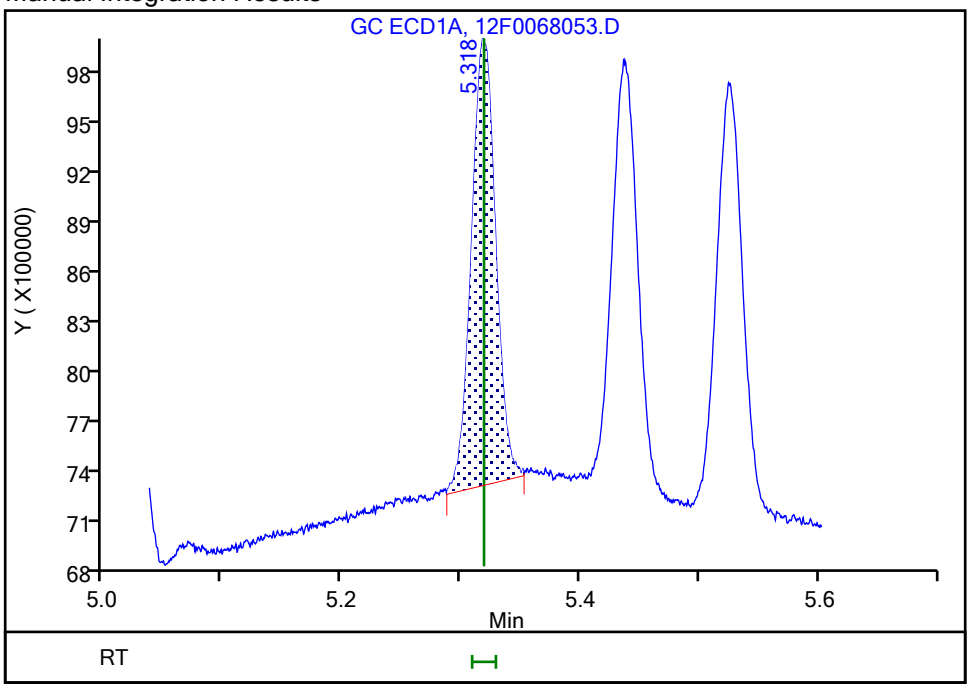
Processing Integration Results

RT: 5.32
Area: 6001764
Amount: 12.666763
Amount Units: ug/l




Manual Integration Results

RT: 5.32
Area: 3652513
Amount: 2.392323
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:46:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

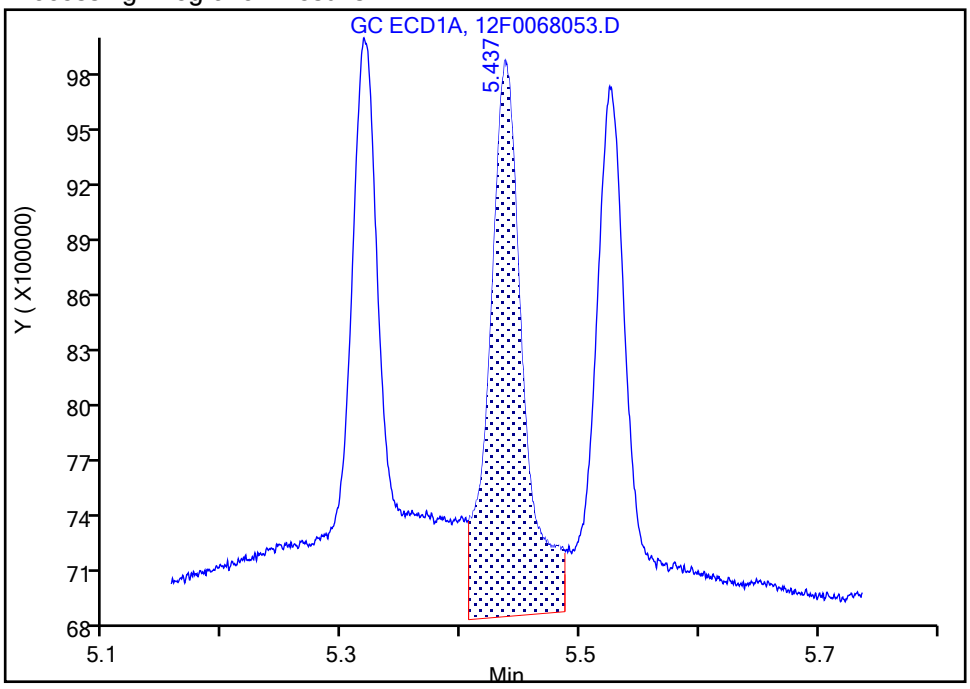
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

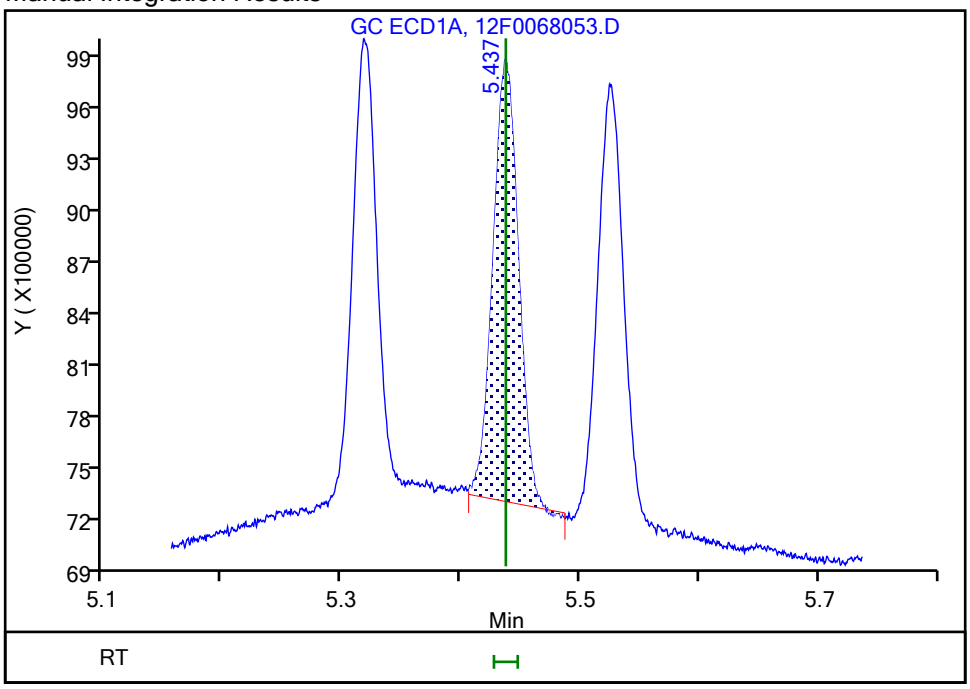
Processing Integration Results

RT: 5.44
Area: 5711415
Amount: 3.256372
Amount Units: ug/l




Manual Integration Results

RT: 5.44
Area: 3670691
Amount: 2.295190
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:46:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

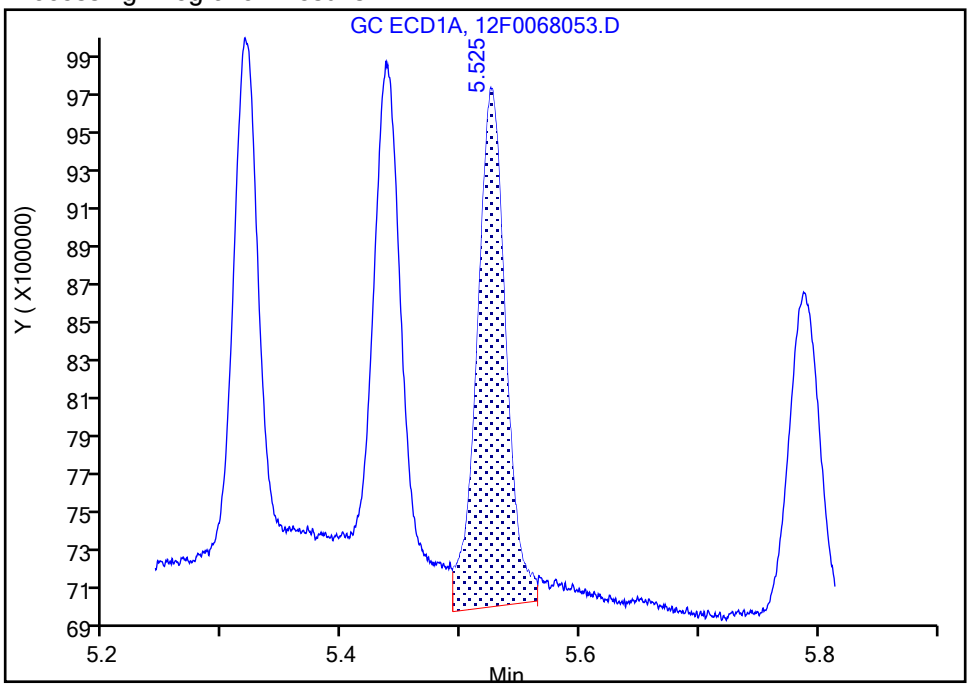
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

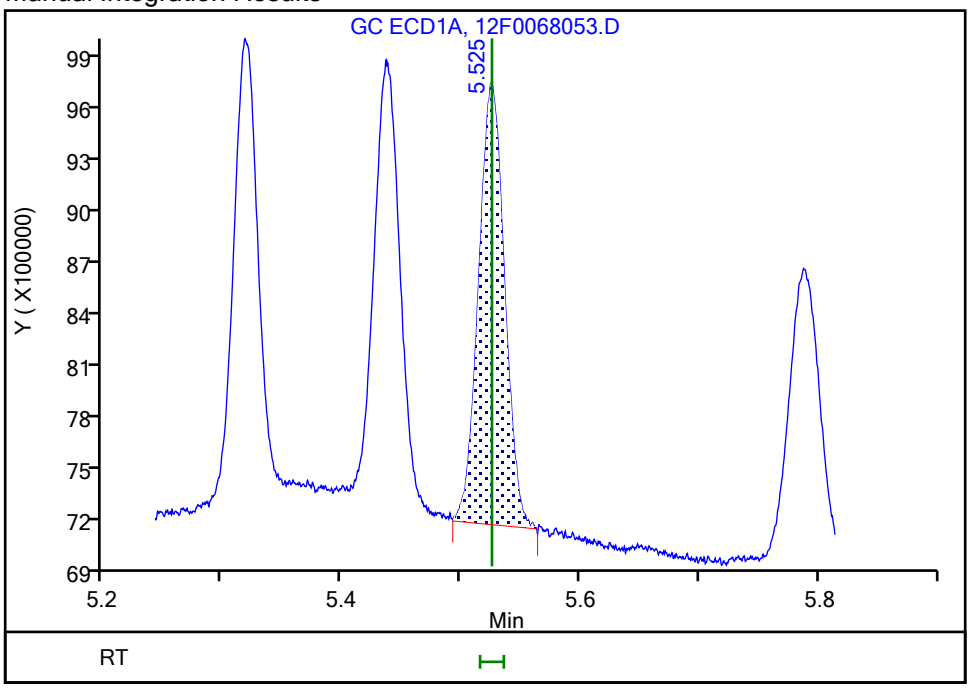
Processing Integration Results

RT: 5.52
Area: 4383337
Amount: 2.988127
Amount Units: ug/l




Manual Integration Results

RT: 5.52
Area: 3735902
Amount: 2.625863
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:46:47 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

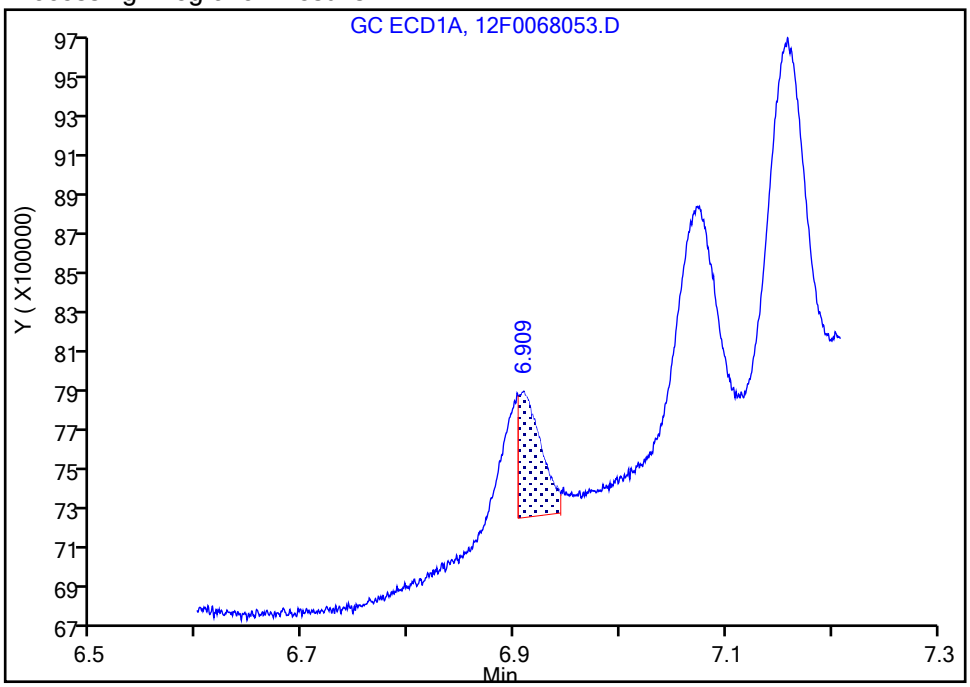
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5

Signal: 1

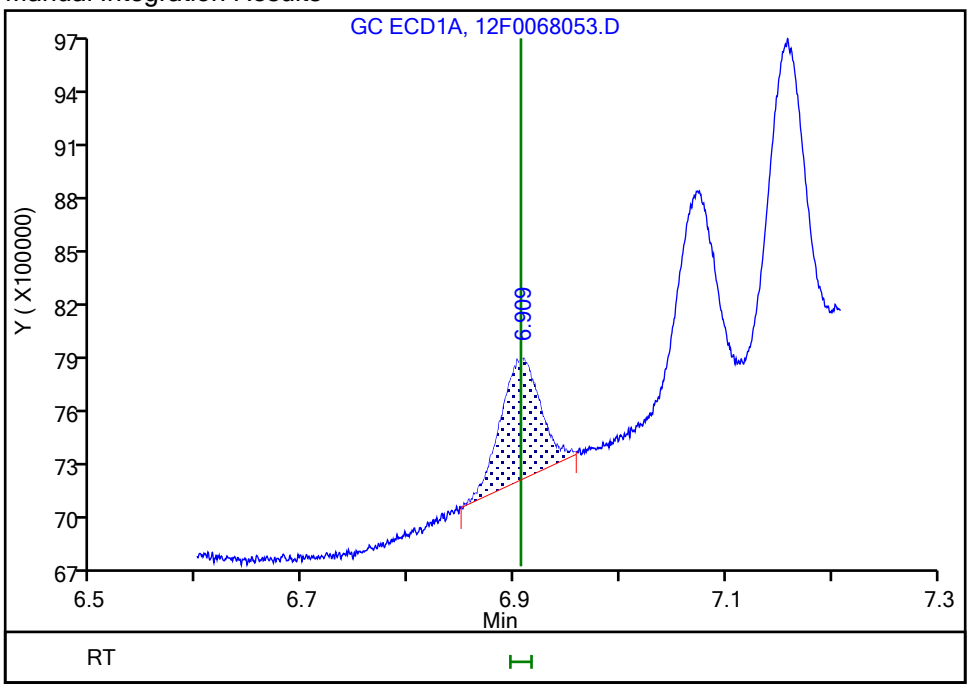
Processing Integration Results

RT: 6.91
Area: 912563
Amount: 9.391331
Amount Units: ug/l




Manual Integration Results

RT: 6.91
Area: 1770172
Amount: 2.573683
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:51:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Jan-2025 10:14:48 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:43 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:48:43

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.516 | 0.000 | 159912058 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 436901293 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.036 | 2.037 | -0.001 | 94675234 | 50.0 | 46.7 | |
| 2 | 1.818 | 1.819 | -0.001 | 269222099 | 50.0 | 46.6 | |
| | | | | | | RPD = 0.16 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.463 | 2.464 | -0.001 | 130236620 | 50.0 | 48.1 | |
| 2 | 2.137 | 2.137 | 0.000 | 372638001 | 50.0 | 45.7 | |
| | | | | | | RPD = 5.18 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.758 | 2.759 | -0.001 | 113741747 | 50.0 | 48.7 | M |
| 2 | 2.332 | 2.332 | 0.000 | 386111347 | 50.0 | 45.9 | M |
| | | | | | | RPD = 5.98 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.813 | 2.814 | -0.001 | 49876942 | 50.0 | 49.2 | M |
| 2 | 2.381 | 2.381 | 0.000 | 127993498 | 50.0 | 48.0 | M |
| | | | | | | RPD = 2.34 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.108 | 3.109 | -0.001 | 108032697 | 50.0 | 47.7 | |
| 2 | 2.502 | 2.502 | 0.000 | 305061342 | 50.0 | 46.2 | |
| | | | | | | RPD = 3.09 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.196 | 3.197 | -0.001 | 95959413 | 50.0 | 48.5 | |
| 2 | 2.656 | 2.657 | -0.001 | 269125040 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 115801614 | 50.0 | 48.7 | |
| 2 | 2.888 | 2.889 | -0.001 | 328227243 | 50.0 | 47.5 | |
| | | | | | | RPD = 2.65 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.230 | 4.231 | -0.001 | 93117991 | 50.0 | 48.9 | |
| 2 | 3.440 | 3.440 | 0.000 | 266524716 | 50.0 | 47.3 | |
| | | | | | | RPD = 3.45 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 90625431 | 50.0 | 48.1 | |
| 2 | 3.576 | 3.575 | 0.001 | 258810419 | 50.0 | 46.6 | |
| | | | | | | RPD = 3.21 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 91571393 | 50.0 | 48.6 | M |
| 2 | 3.725 | 3.726 | -0.001 | 255780718 | 50.0 | 46.4 | |
| | | | | | | RPD = 4.58 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.722 | 4.723 | -0.001 | 84989318 | 50.0 | 48.5 | M |
| 2 | 3.884 | 3.883 | 0.001 | 243533170 | 50.0 | 47.8 | |
| | | | | | | RPD = 1.40 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.850 | 4.851 | -0.001 | 100055633 | 50.0 | 48.2 | M |
| 2 | 3.823 | 3.824 | -0.001 | 310566146 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.18 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 5.019 | 5.020 | -0.001 | 99981725 | 50.0 | 48.8 | M |
| 2 | 4.161 | 4.160 | 0.001 | 282572829 | 50.0 | 47.6 | |
| | | | | | | RPD = 2.35 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.318 | 5.319 | -0.001 | 83834476 | 50.0 | 48.6 | M |
| 2 | 4.425 | 4.423 | 0.002 | 228415091 | 50.0 | 48.0 | |
| | | | | | | RPD = 1.34 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.437 | 5.437 | 0.000 | 86440699 | 50.0 | 47.9 | M |
| 2 | 4.521 | 4.522 | -0.001 | 201640211 | 50.0 | 49.0 | |
| | | | | | | RPD = 2.36 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.526 | 5.526 | 0.000 | 81278096 | 50.0 | 50.6 | M |
| 2 | 4.681 | 4.680 | 0.001 | 213011349 | 50.0 | 50.0 | |
| | | | | | | RPD = 1.10 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 67913275 | 50.0 | 47.2 | |
| 2 | 4.832 | 4.830 | 0.002 | 185847978 | 50.0 | 46.3 | |
| | | | | | | RPD = 1.81 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.917 | 5.918 | -0.001 | 62215931 | 50.0 | 47.7 | |
| 2 | 5.091 | 5.092 | -0.001 | 187501773 | 50.0 | 46.3 | |
| | | | | | | RPD = 2.96 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.293 | 6.294 | -0.001 | 77528135 | 50.0 | 47.9 | |
| 2 | 5.488 | 5.489 | -0.001 | 239807535 | 50.0 | 47.5 | |
| | | | | | | RPD = 0.77 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.904 | 6.906 | -0.002 | 37002139 | 50.0 | 47.6 | |
| 2 | 5.306 | 5.306 | 0.000 | 109089356 | 50.0 | 46.2 | |
| | | | | | | RPD = 3.06 | |
| 34 Mirex | | | | | | | |
| 1 | 7.070 | 7.072 | -0.002 | 59167202 | 50.0 | 45.4 | |
| 2 | 5.375 | 5.376 | -0.001 | 178456873 | 50.0 | 46.2 | |
| | | | | | | RPD = 1.69 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.156 | 7.158 | -0.002 | 83809796 | 50.0 | 47.4 | |
| 2 | 5.767 | 5.767 | 0.000 | 251706446 | 50.0 | 47.4 | |
| | | | | | | RPD = 0.12 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.333 | 8.333 | 0.000 | 73396424 | 50.0 | 46.1 | |
| 2 | 7.365 | 7.364 | 0.001 | 294194372 | 50.0 | 45.8 | |
| | | | | | | RPD = 0.78 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

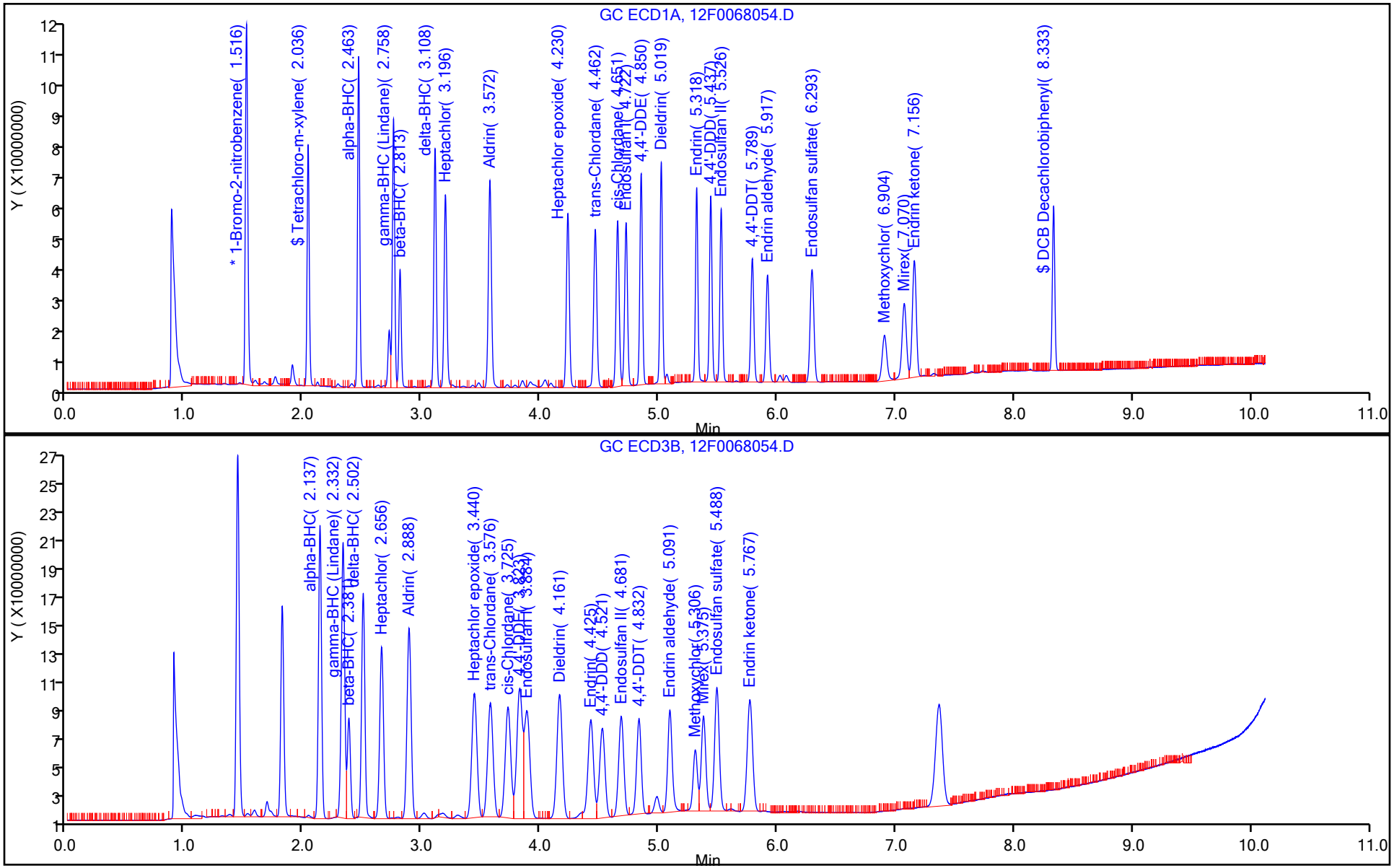
| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:14:48 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

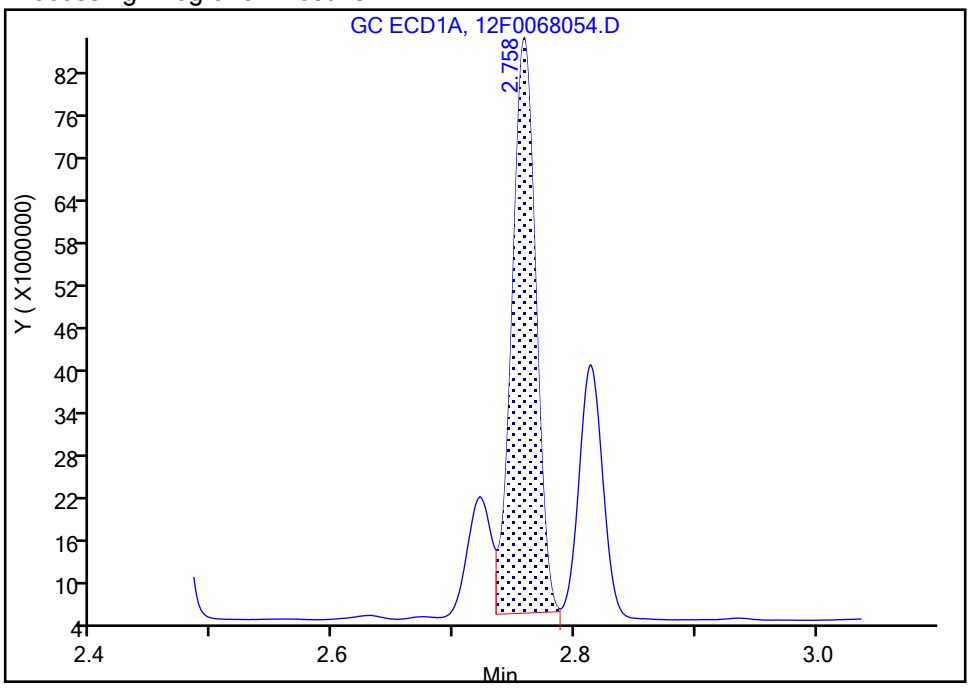
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

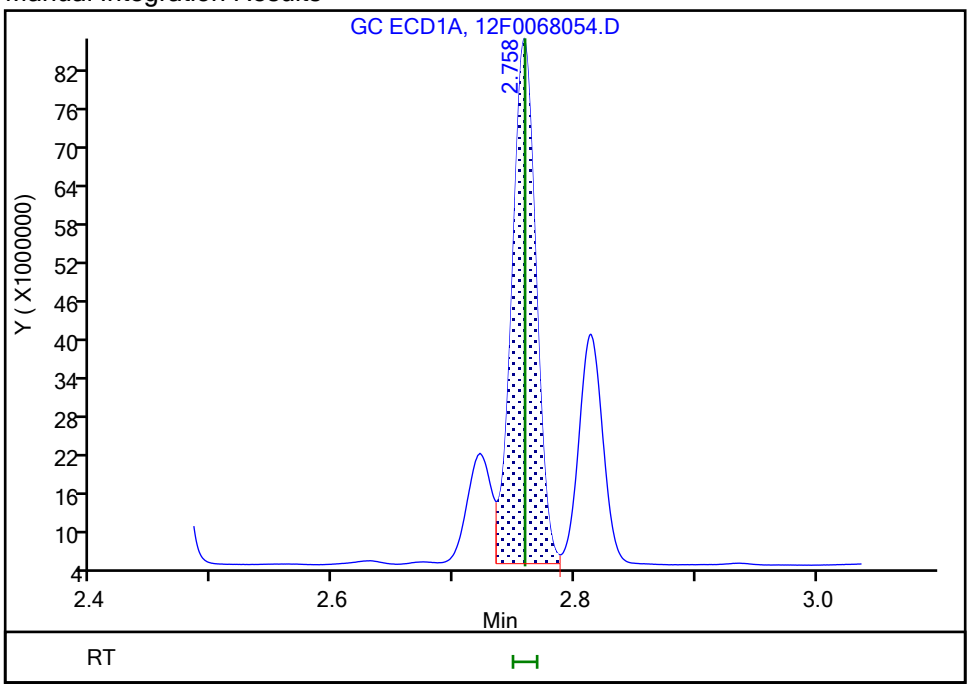
Processing Integration Results

RT: 2.76
Area: 110743926
Amount: 48.304298
Amount Units: ug/l




Manual Integration Results

RT: 2.76
Area: 113741747
Amount: 48.691019
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

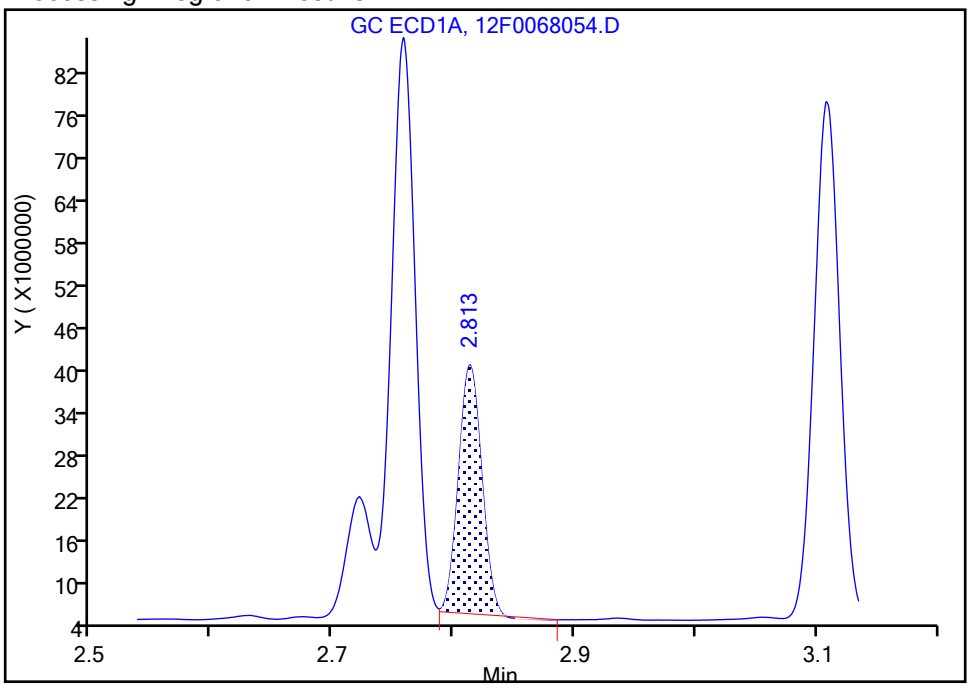
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

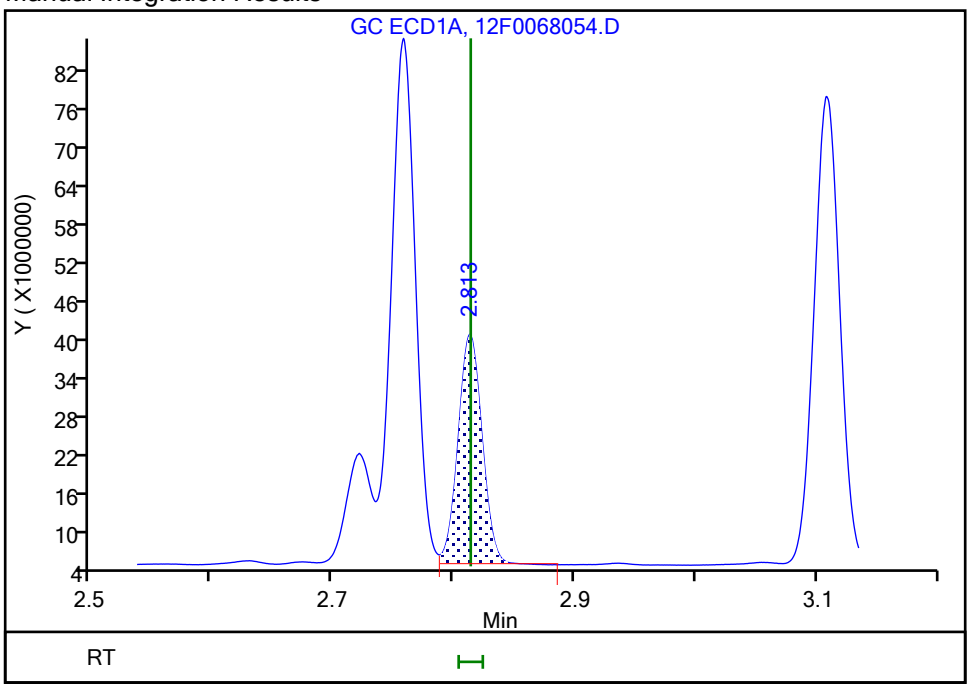
Processing Integration Results

RT: 2.81
Area: 47442234
Amount: 48.343239
Amount Units: ug/l




Manual Integration Results

RT: 2.81
Area: 49876942
Amount: 49.167672
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

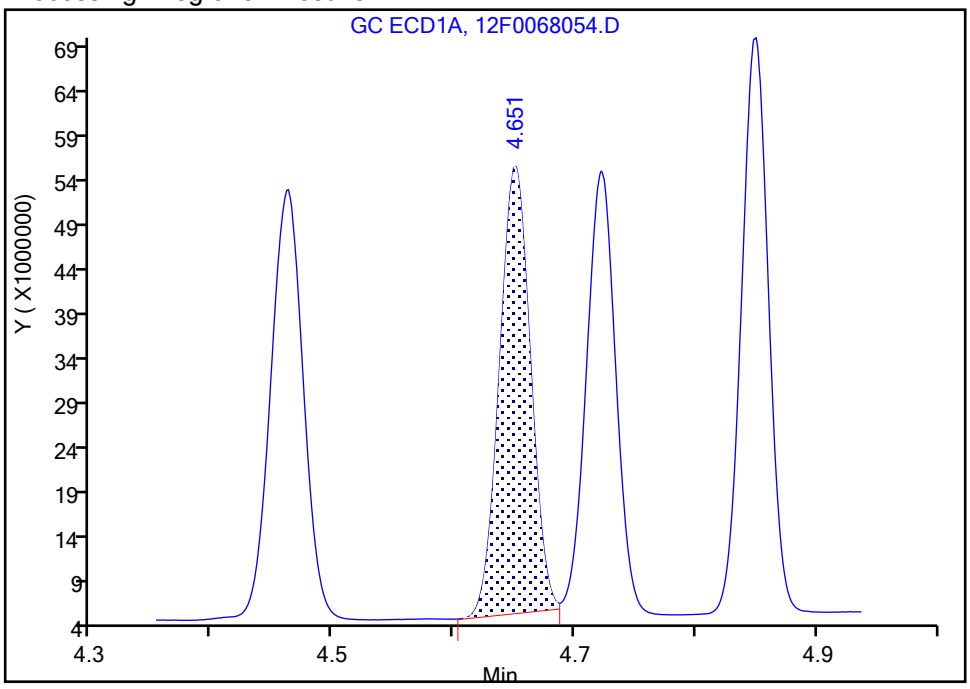
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

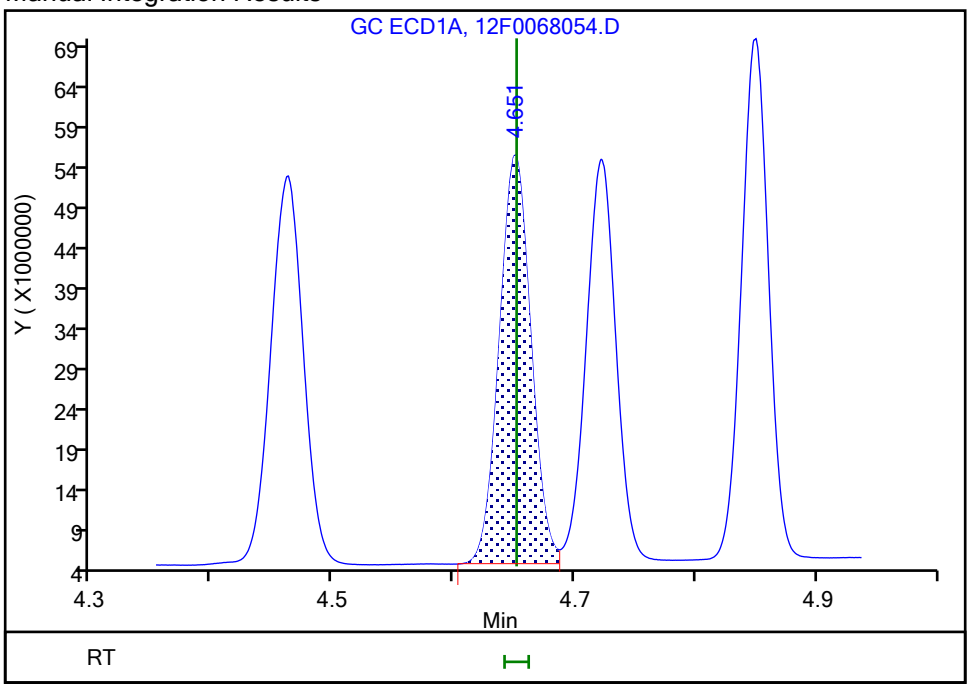
Processing Integration Results

RT: 4.65
Area: 88812526
Amount: 47.992420
Amount Units: ug/l




Manual Integration Results

RT: 4.65
Area: 91571393
Amount: 48.558805
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

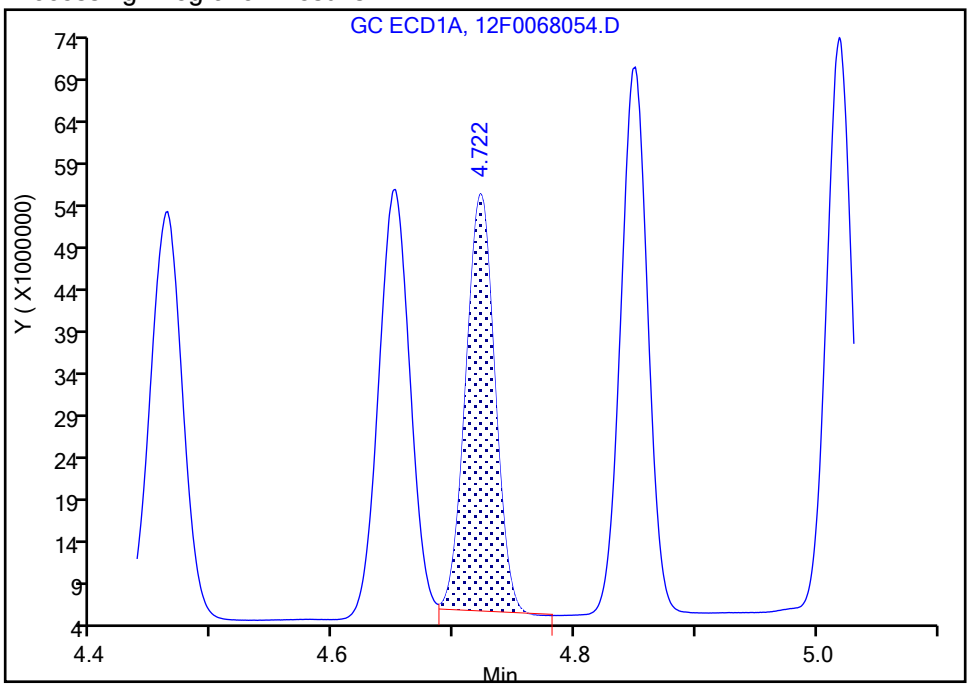
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

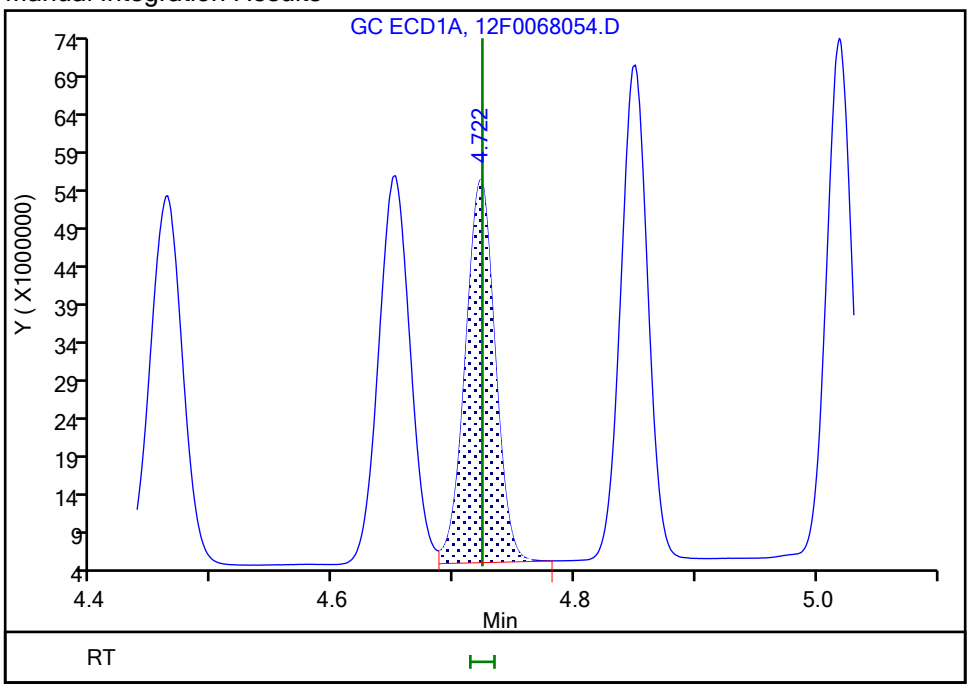
Processing Integration Results

RT: 4.72
Area: 82180274
Amount: 47.880671
Amount Units: ug/l




Manual Integration Results

RT: 4.72
Area: 84989318
Amount: 48.474721
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

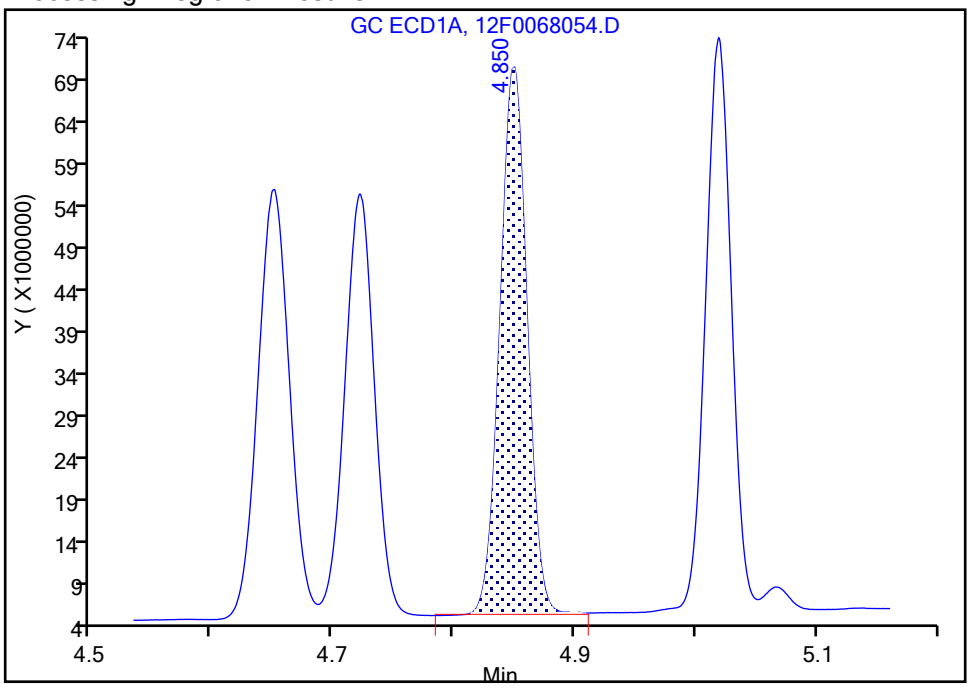
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

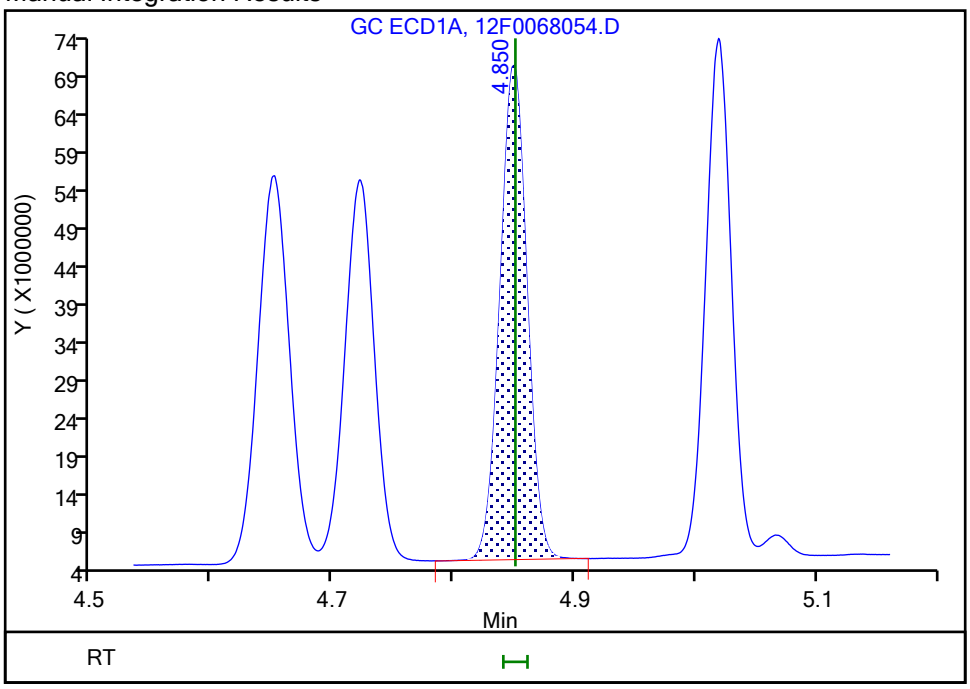
Processing Integration Results

RT: 4.85
Area: 100629509
Amount: 48.451643
Amount Units: ug/l




Manual Integration Results

RT: 4.85
Area: 100055633
Amount: 48.228635
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:29 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

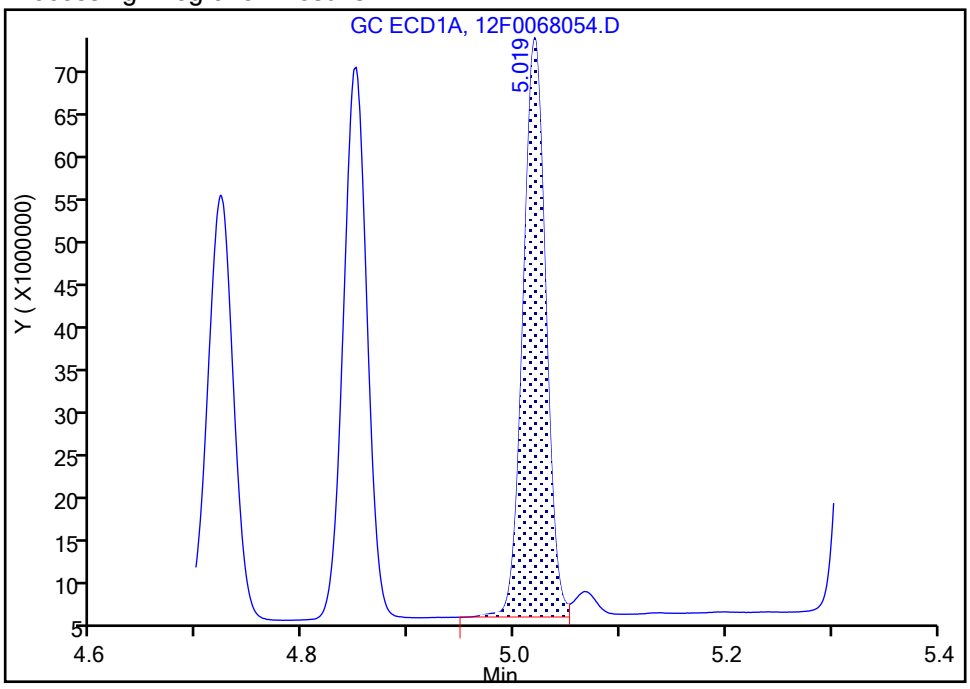
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

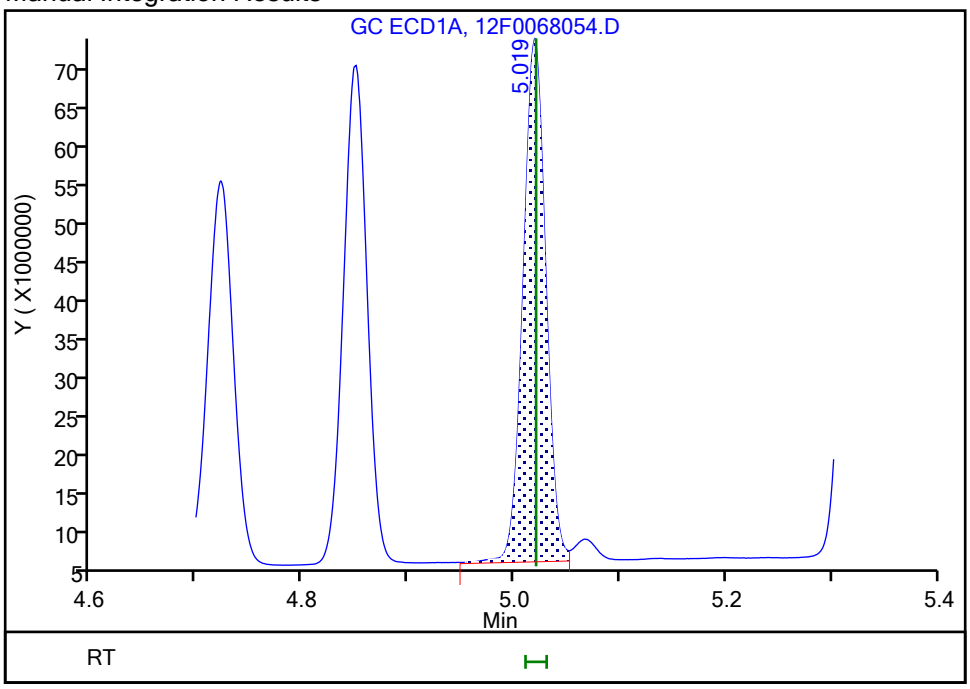
Processing Integration Results

RT: 5.02
Area: 100779294
Amount: 49.077338
Amount Units: ug/l




Manual Integration Results

RT: 5.02
Area: 99981725
Amount: 48.764700
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:29 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

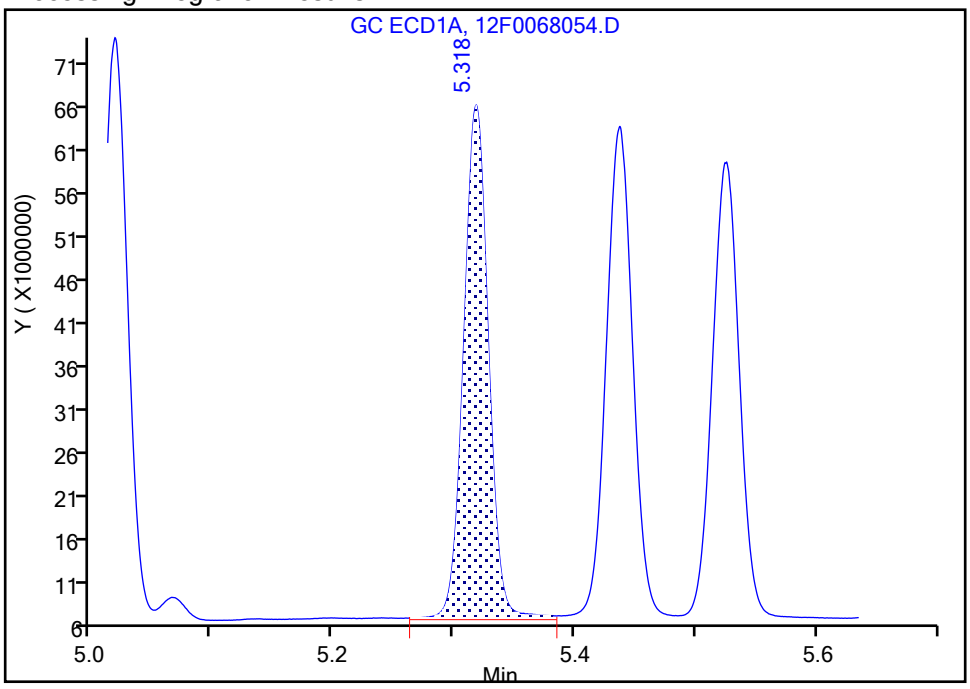
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

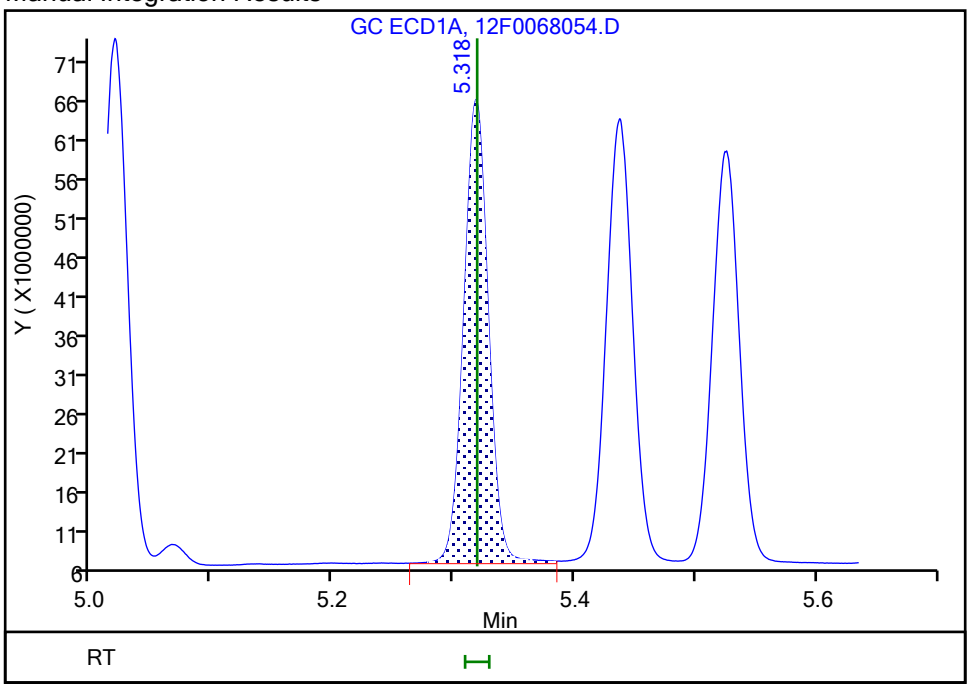
Processing Integration Results

RT: 5.32
Area: 84644126
Amount: 49.076706
Amount Units: ug/l




Manual Integration Results

RT: 5.32
Area: 83834476
Amount: 48.618848
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

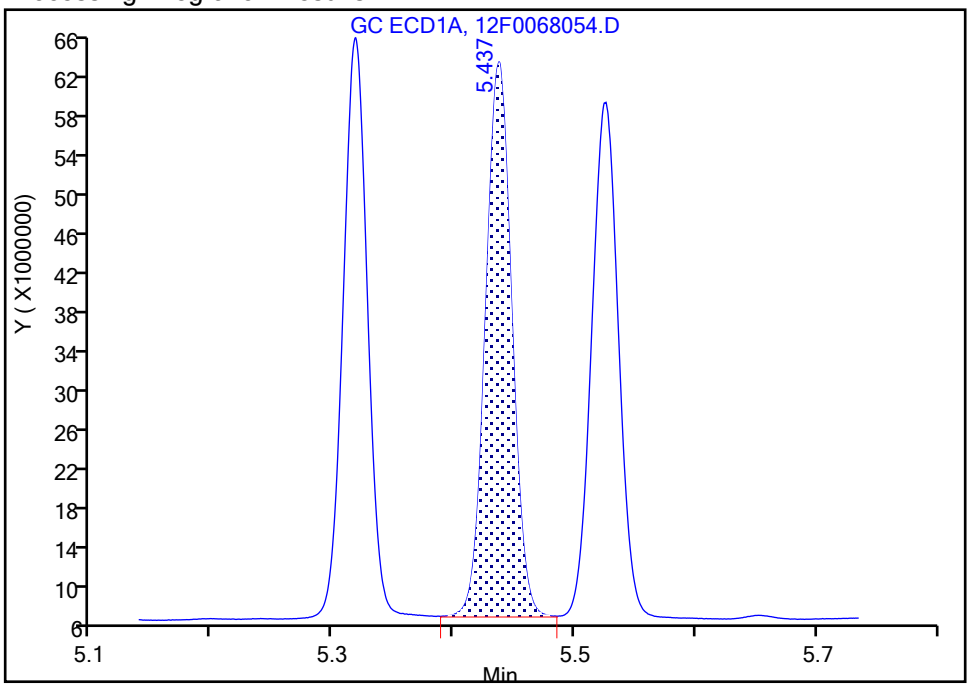
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

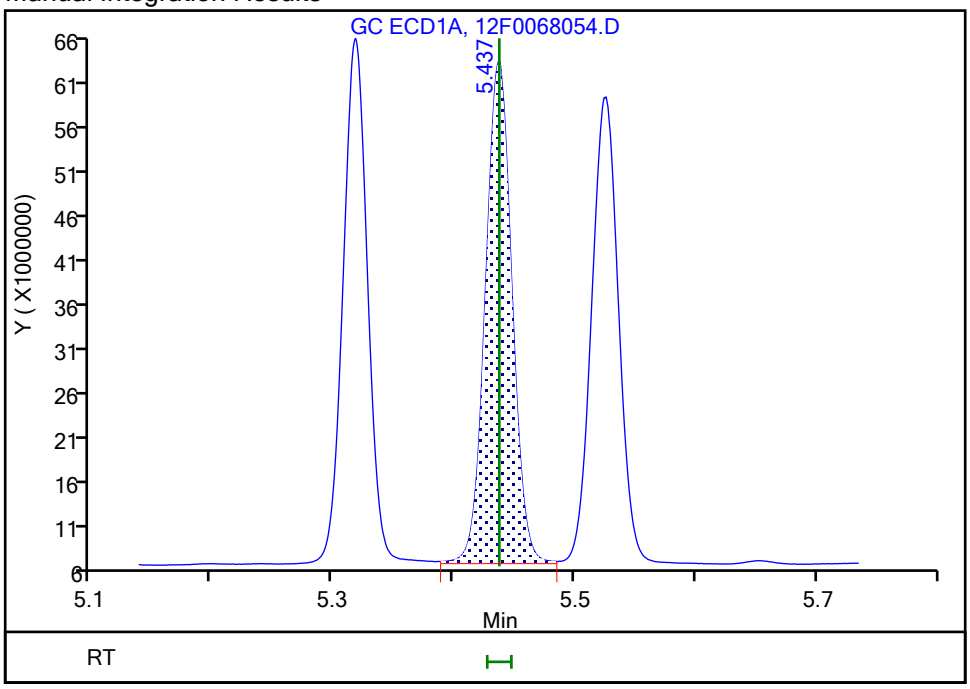
Processing Integration Results

RT: 5.44
Area: 85963141
Amount: 47.850703
Amount Units: ug/l




Manual Integration Results

RT: 5.44
Area: 86440699
Amount: 47.856733
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

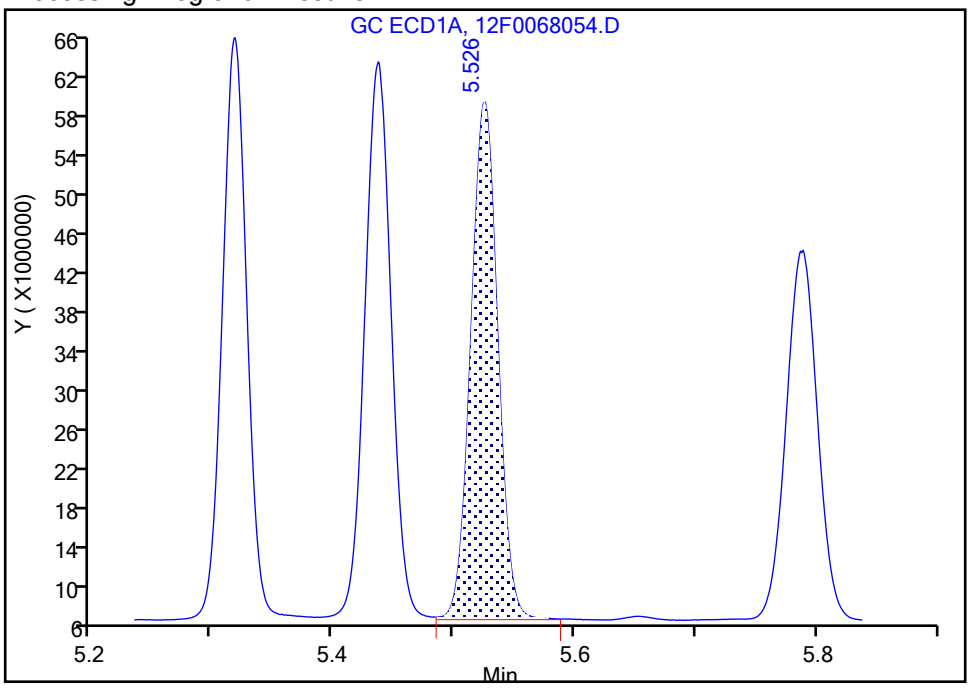
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

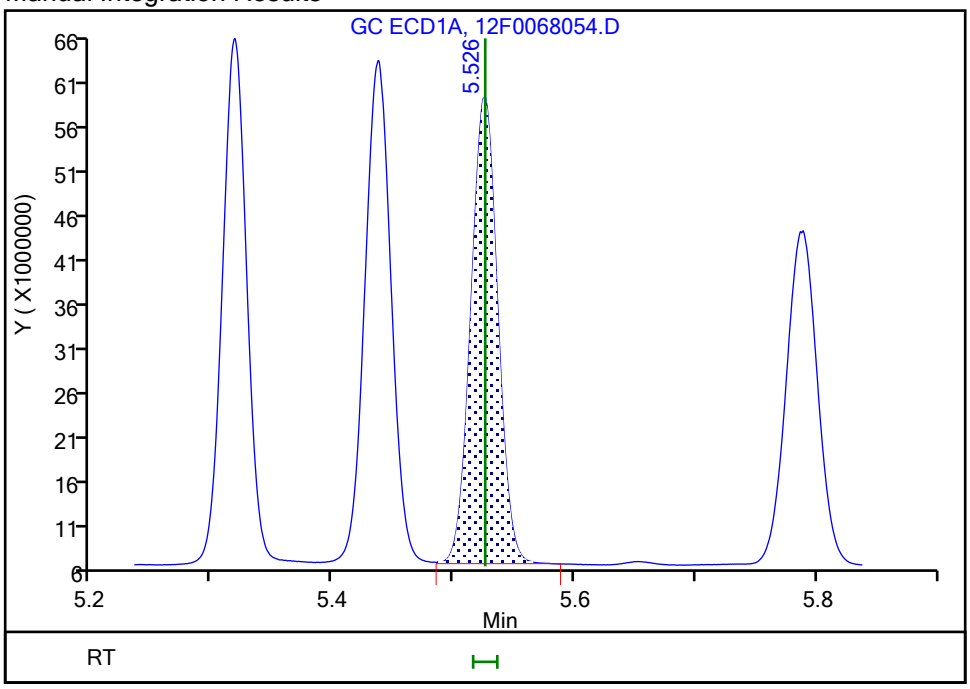
Processing Integration Results

RT: 5.53
Area: 81009801
Amount: 50.687087
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 81278096
Amount: 50.582932
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jan-2025 10:27:13 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:51 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:49:25

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.516 | 0.001 | 165444405 | 100.0 | 100.0 | |
| 2 | 1.443 | 1.443 | 0.000 | 450798560 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 303618072 | 150.0 | 144.7 | |
| 2 | 1.819 | 1.819 | 0.000 | 886138411 | 150.0 | 148.6 | |
| | | | | | | RPD = 2.71 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.464 | 2.464 | 0.000 | 692282033 | 250.0 | 247.3 | M |
| 2 | 2.138 | 2.137 | 0.001 | 2121369393 | 250.0 | 252.2 | |
| | | | | | | RPD = 1.95 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 590980982 | 250.0 | 244.5 | M |
| 2 | 2.333 | 2.332 | 0.001 | 2184940941 | 250.0 | 251.5 | |
| | | | | | | RPD = 2.83 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 247882911 | 250.0 | 236.2 | M |
| 2 | 2.382 | 2.381 | 0.001 | 670272210 | 250.0 | 243.8 | |
| | | | | | | RPD = 3.16 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.110 | 3.109 | 0.001 | 571321039 | 250.0 | 243.8 | M |
| 2 | 2.503 | 2.502 | 0.001 | 1728428596 | 250.0 | 253.9 | |
| | | | | | | RPD = 4.08 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.198 | 3.197 | 0.001 | 487558597 | 250.0 | 238.4 | M |
| 2 | 2.658 | 2.657 | 0.001 | 1423404668 | 250.0 | 241.8 | |
| | | | | | | RPD = 1.41 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | M |
| 1 | 3.573 | 3.572 | 0.001 | 598511475 | 250.0 | 243.5 | M |
| 2 | 2.890 | 2.889 | 0.001 | 1783797744 | 250.0 | 250.0 | |
| | | | | | | RPD = 2.65 | |
| 12 Heptachlor epoxide | | | | | | | M |
| 1 | 4.232 | 4.231 | 0.001 | 471111373 | 250.0 | 239.3 | |
| 2 | 3.443 | 3.440 | 0.003 | 1428078491 | 250.0 | 245.5 | M |
| | | | | | | RPD = 2.56 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.463 | 4.462 | 0.001 | 471627067 | 250.0 | 241.8 | |
| 2 | 3.577 | 3.575 | 0.002 | 1441683026 | 250.0 | 251.3 | M |
| | | | | | | RPD = 3.86 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.652 | 4.652 | 0.000 | 471120867 | 250.0 | 241.5 | M |
| 2 | 3.727 | 3.726 | 0.001 | 1396642809 | 250.0 | 245.5 | M |
| | | | | | | RPD = 1.64 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 438066051 | 250.0 | 241.5 | M |
| 2 | 3.885 | 3.883 | 0.002 | 1291018715 | 250.0 | 245.6 | M |
| | | | | | | RPD = 1.68 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.851 | 4.851 | 0.000 | 521857932 | 250.0 | 243.1 | |
| 2 | 3.825 | 3.824 | 0.001 | 1698127969 | 250.0 | 250.1 | M |
| | | | | | | RPD = 2.81 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 514084454 | 250.0 | 242.4 | |
| 2 | 4.162 | 4.160 | 0.002 | 1514172100 | 250.0 | 247.4 | |
| | | | | | | RPD = 2.05 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.319 | 5.319 | 0.000 | 426419219 | 250.0 | 239.0 | M |
| 2 | 4.424 | 4.423 | 0.001 | 1252298692 | 250.0 | 254.9 | |
| | | | | | | RPD = 6.42 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.438 | 5.437 | 0.001 | 444138869 | 250.0 | 237.7 | M |
| 2 | 4.522 | 4.522 | 0.000 | 1110011600 | 250.0 | 261.4 | |
| | | | | | | RPD = 9.52 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.526 | 5.526 | 0.000 | 415675997 | 250.0 | 250.0 | M |
| 2 | 4.681 | 4.680 | 0.001 | 1150901437 | 250.0 | 262.0 | |
| | | | | | | RPD = 4.66 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.790 | 5.788 | 0.002 | 359825719 | 250.0 | 241.5 | |
| 2 | 4.831 | 4.830 | 0.001 | 1041061025 | 250.0 | 251.4 | |
| | | | | | | RPD = 4.03 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 313916505 | 250.0 | 232.4 | |
| 2 | 5.091 | 5.092 | -0.001 | 993871188 | 250.0 | 237.7 | |
| | | | | | | RPD = 2.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.294 | 6.294 | 0.000 | 388456713 | 250.0 | 231.8 | |
| 2 | 5.489 | 5.489 | 0.000 | 1291022726 | 250.0 | 247.8 | |
| | | | | | | RPD = 6.68 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.905 | 6.906 | -0.001 | 183498824 | 250.0 | 228.3 | |
| 2 | 5.309 | 5.306 | 0.003 | 557661974 | 250.0 | 228.9 | |
| | | | | | | RPD = 0.25 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 302395046 | 250.0 | 224.3 | |
| 2 | 5.377 | 5.376 | 0.001 | 941736784 | 250.0 | 236.2 | |
| | | | | | | RPD = 5.16 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 419698908 | 250.0 | 229.3 | |
| 2 | 5.770 | 5.767 | 0.003 | 1332654197 | 250.0 | 243.4 | |
| | | | | | | RPD = 5.96 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.336 | 8.333 | 0.003 | 231076216 | 150.0 | 140.4 | |
| 2 | 7.365 | 7.364 | 0.001 | 969721808 | 150.0 | 146.3 | |
| | | | | | | RPD = 4.08 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

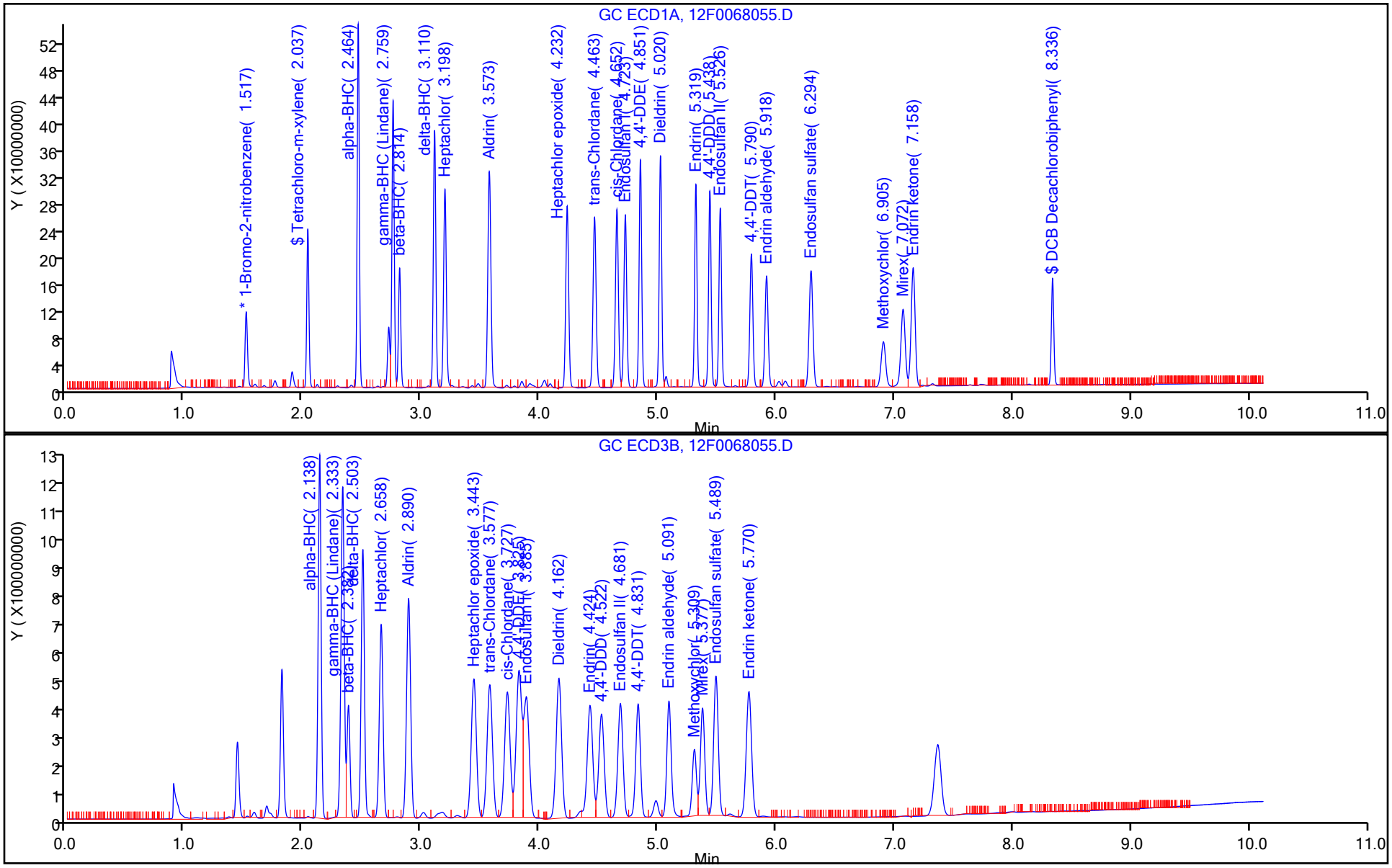
| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:27:13 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

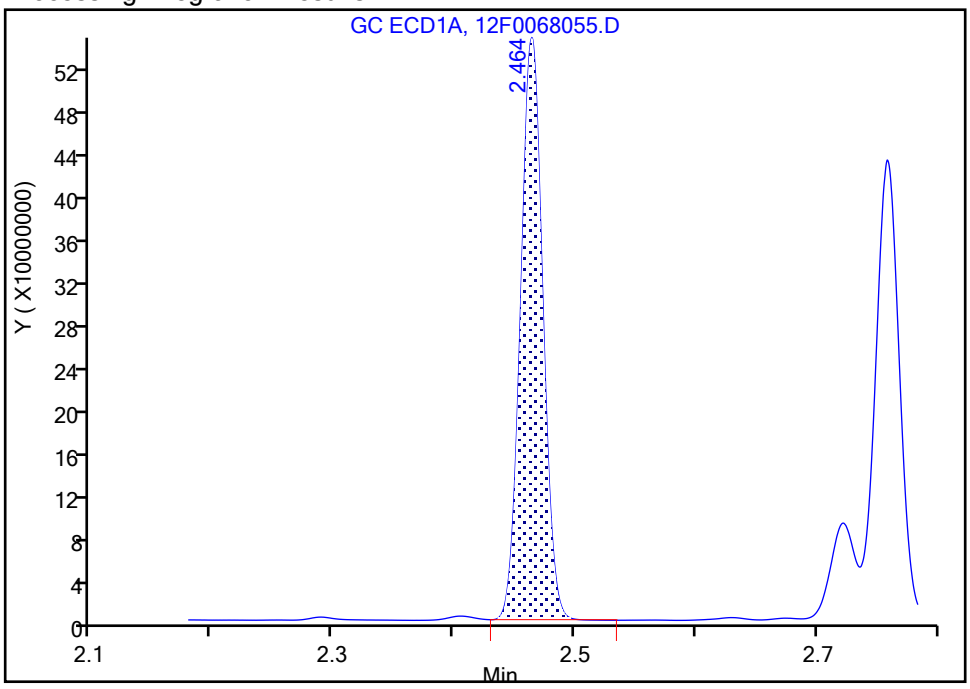
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6

Signal: 1

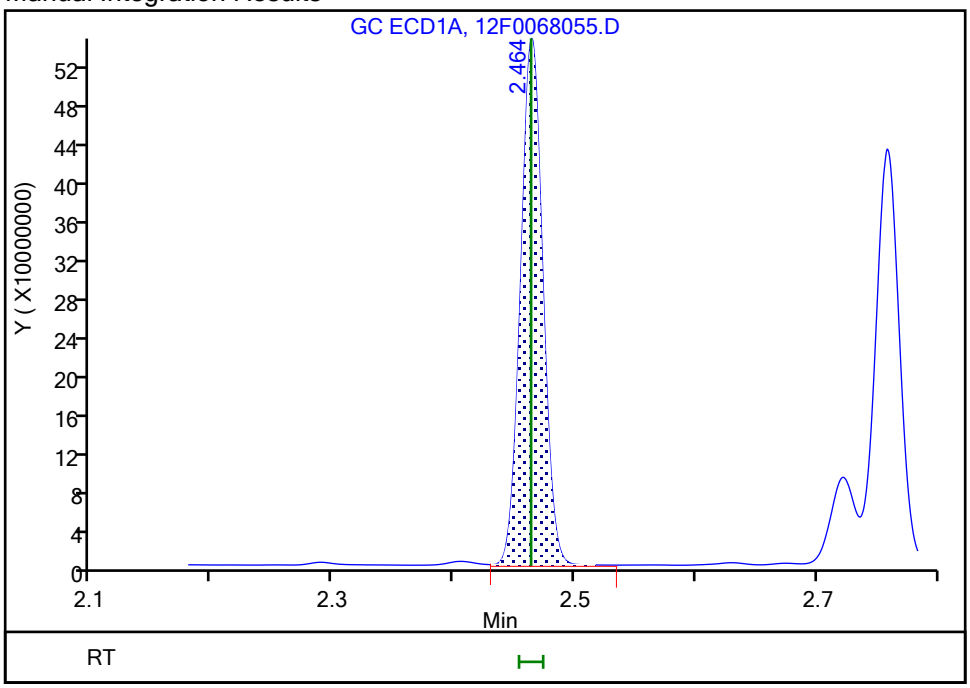
Processing Integration Results

RT: 2.46
Area: 691007171
Amount: 247.0640
Amount Units: ug/l




Manual Integration Results

RT: 2.46
Area: 692282033
Amount: 247.3190
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:54 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

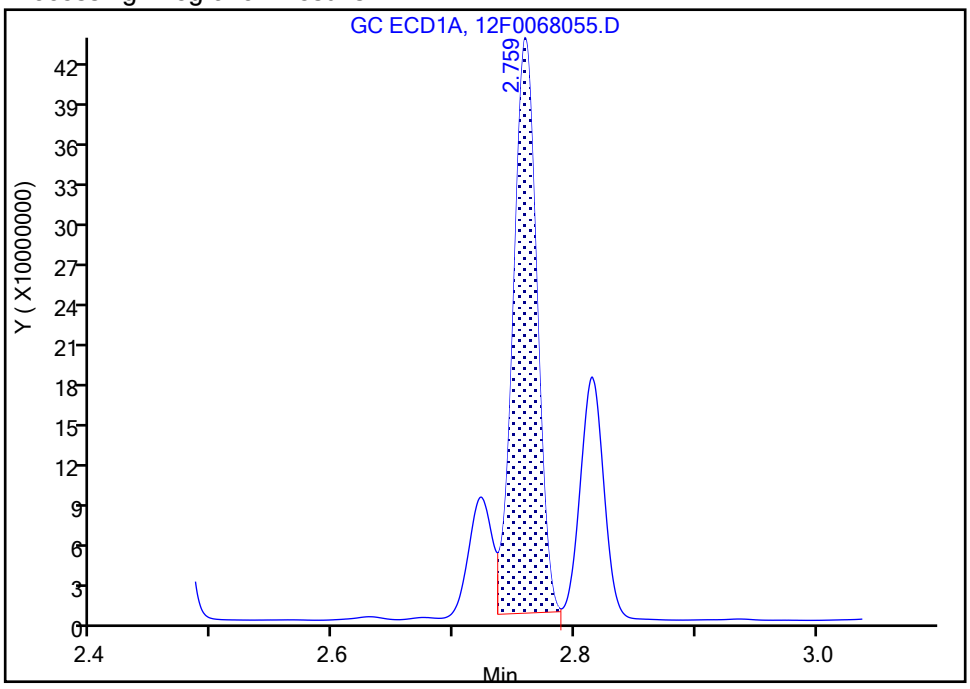
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

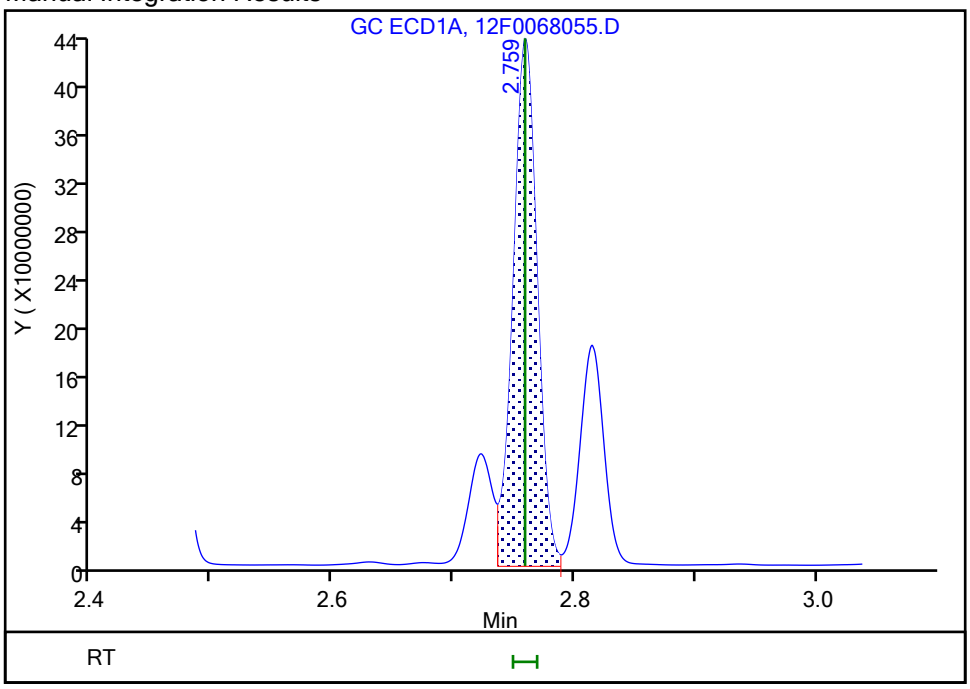
Processing Integration Results

RT: 2.76
Area: 574343542
Amount: 240.8802
Amount Units: ug/l




Manual Integration Results

RT: 2.76
Area: 590980982
Amount: 244.5297
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:54 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

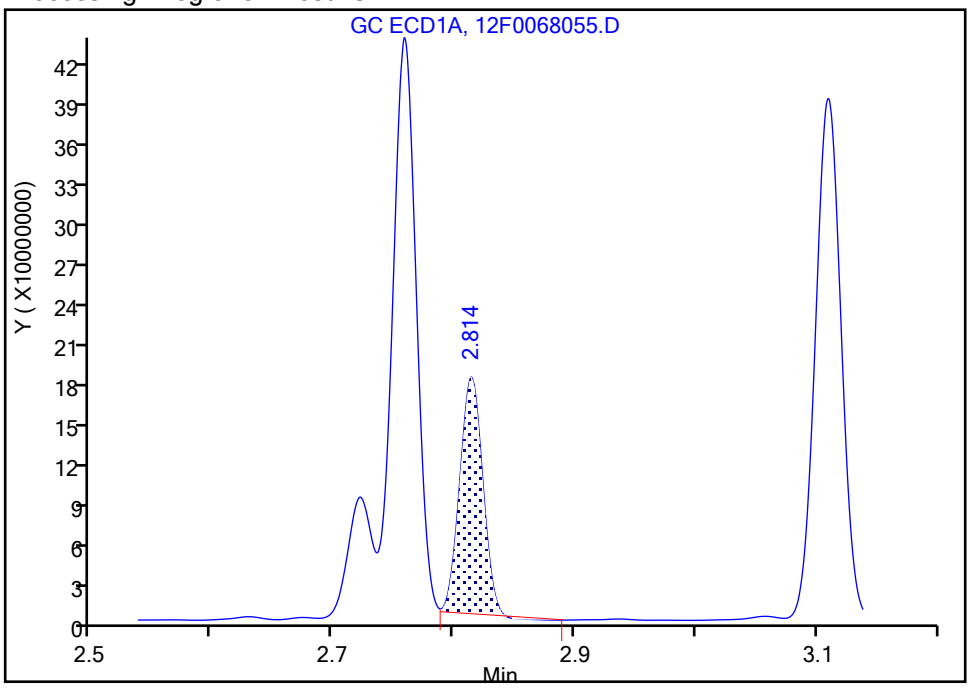
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

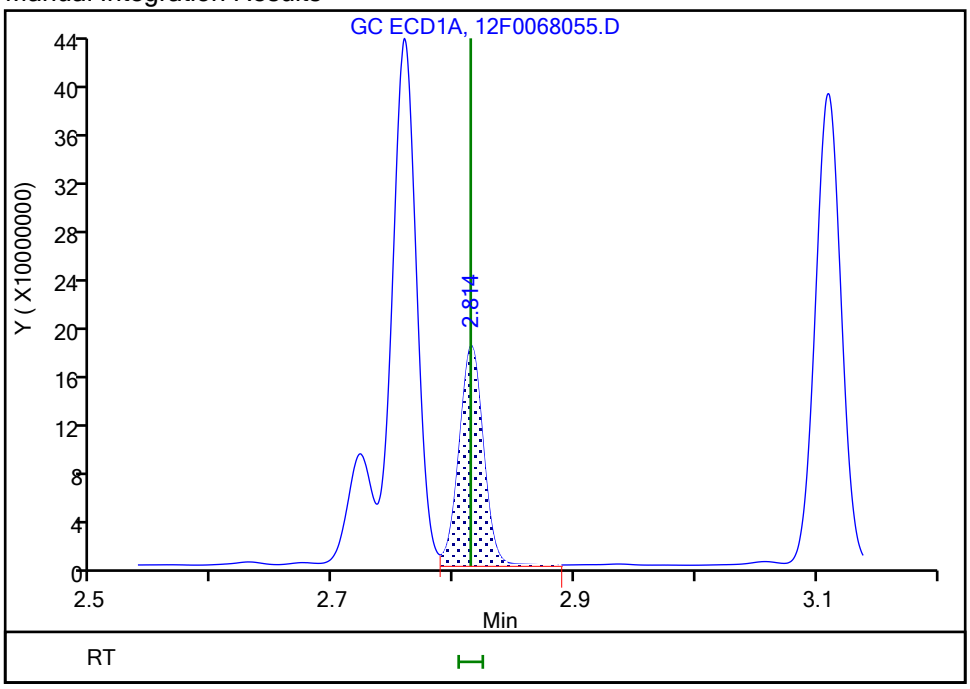
Processing Integration Results

RT: 2.81
Area: 234576486
Amount: 228.7682
Amount Units: ug/l




Manual Integration Results

RT: 2.81
Area: 247882911
Amount: 236.1868
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:54 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

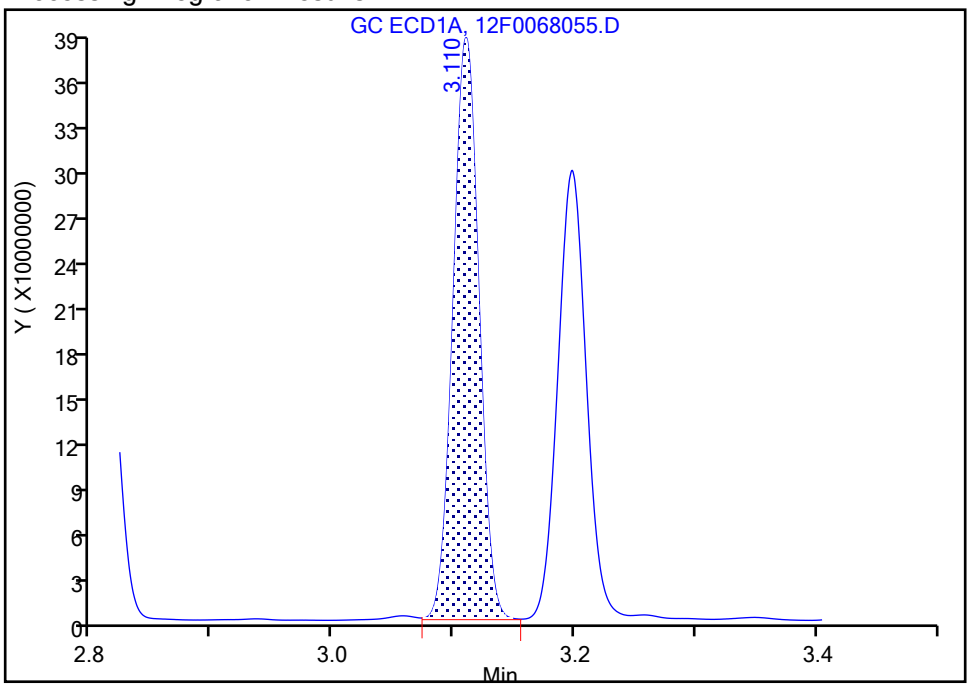
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

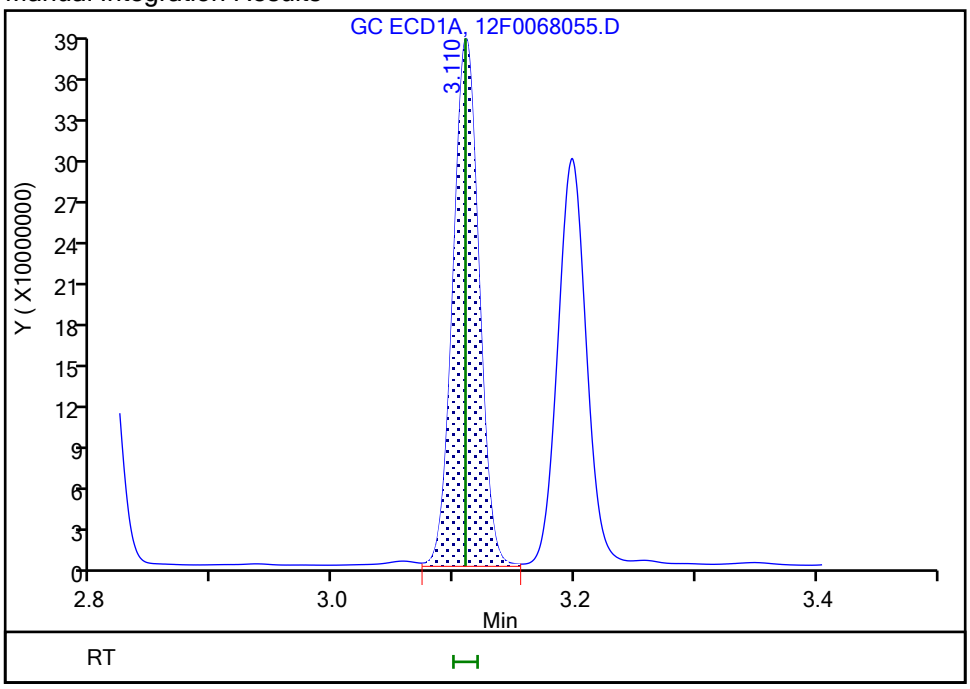
Processing Integration Results

RT: 3.11
Area: 569731244
Amount: 243.4386
Amount Units: ug/l




Manual Integration Results

RT: 3.11
Area: 571321039
Amount: 243.7850
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

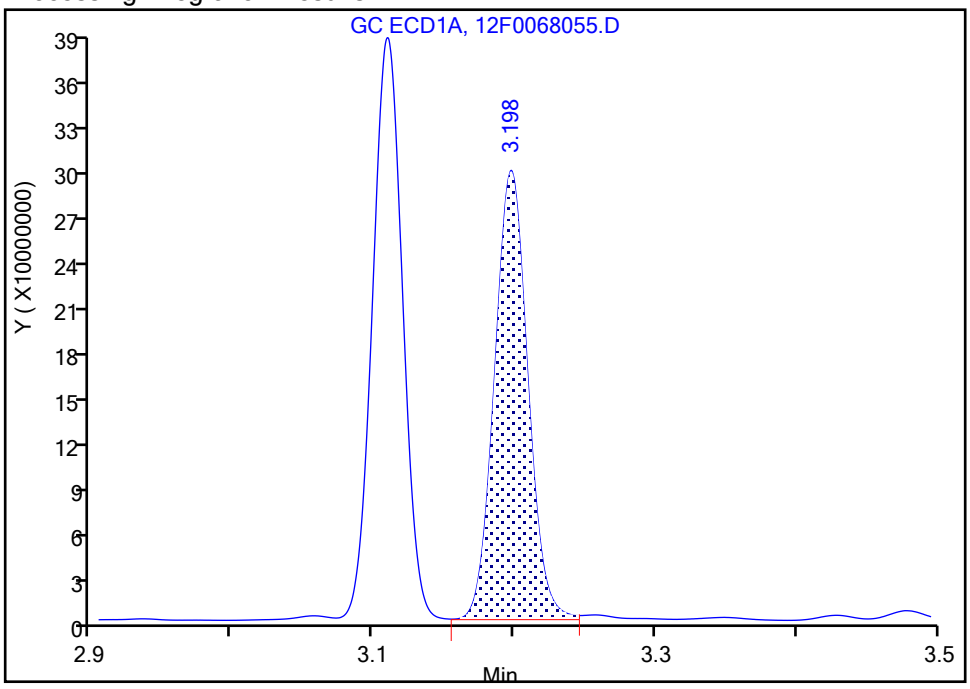
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

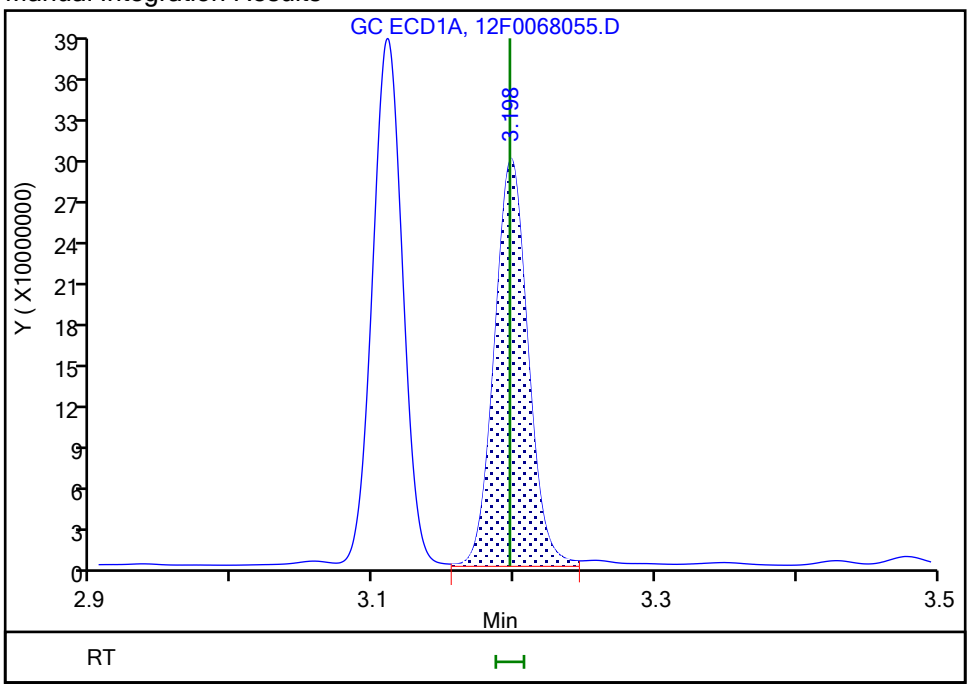
Processing Integration Results

RT: 3.20
Area: 484638008
Amount: 237.6775
Amount Units: ug/l




Manual Integration Results

RT: 3.20
Area: 487558597
Amount: 238.4078
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

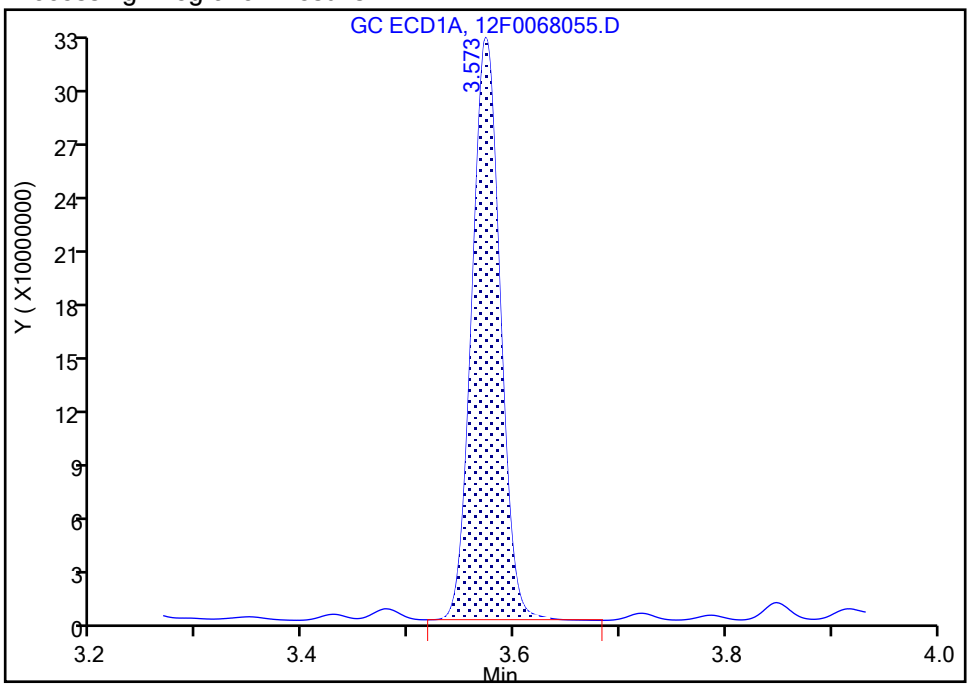
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 8 Aldrin, CAS: 309-00-2

Signal: 1

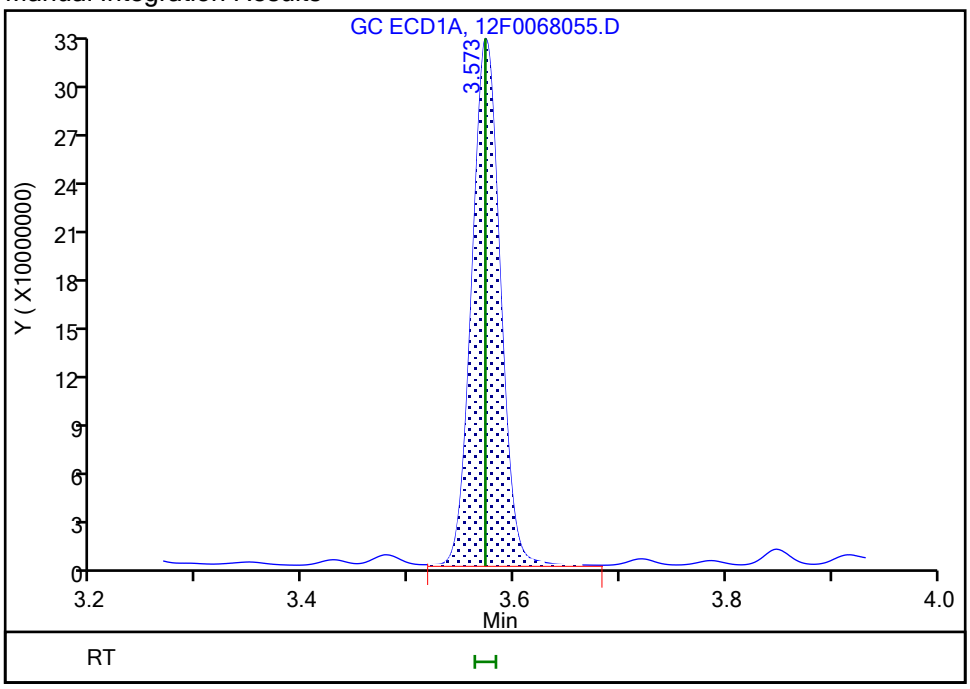
Processing Integration Results

RT: 3.57
Area: 597916455
Amount: 243.2924
Amount Units: ug/l




Manual Integration Results

RT: 3.57
Area: 598511475
Amount: 243.4874
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

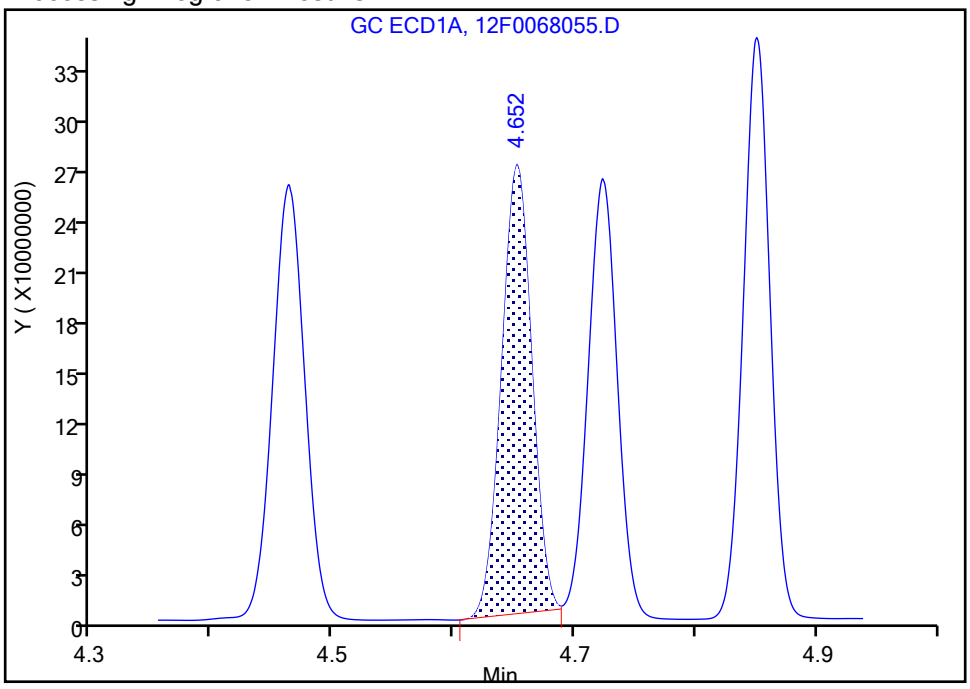
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

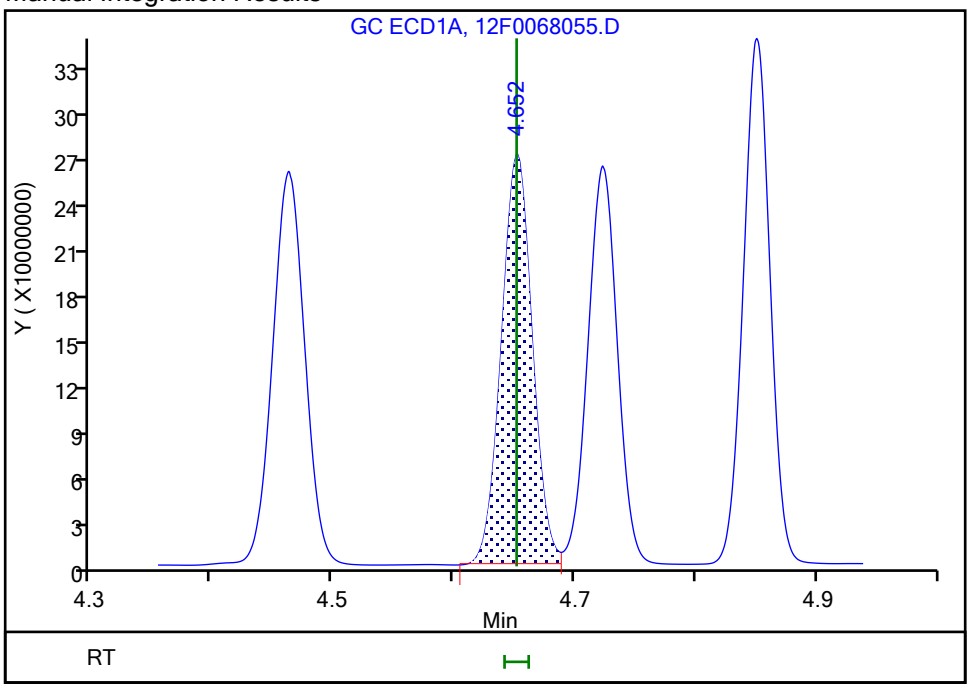
Processing Integration Results

RT: 4.65
Area: 456428551
Amount: 236.9836
Amount Units: ug/l




Manual Integration Results

RT: 4.65
Area: 471120867
Amount: 241.4736
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:09 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

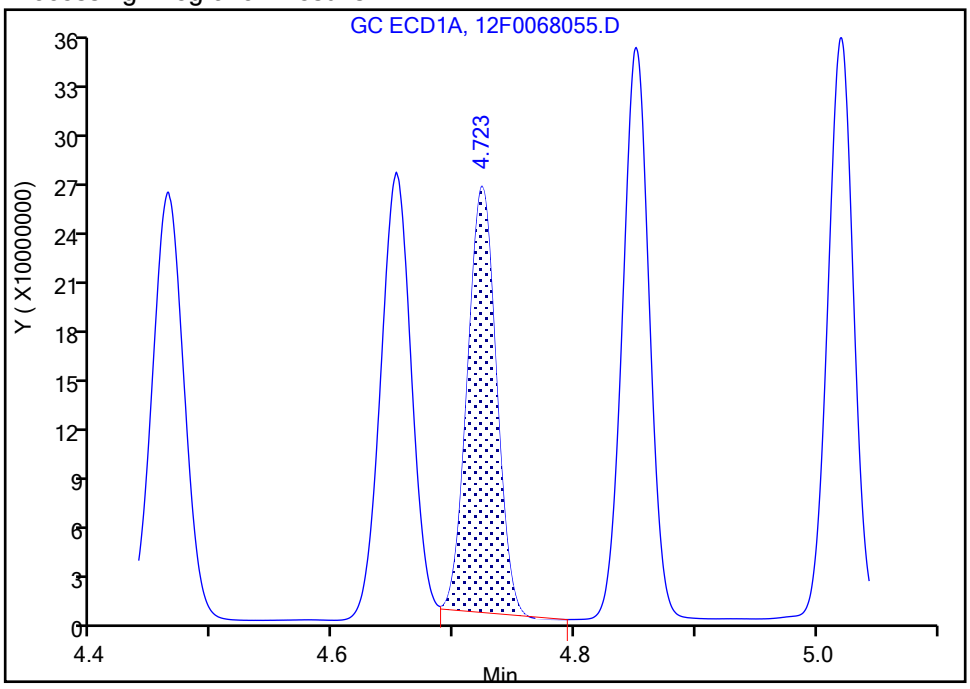
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

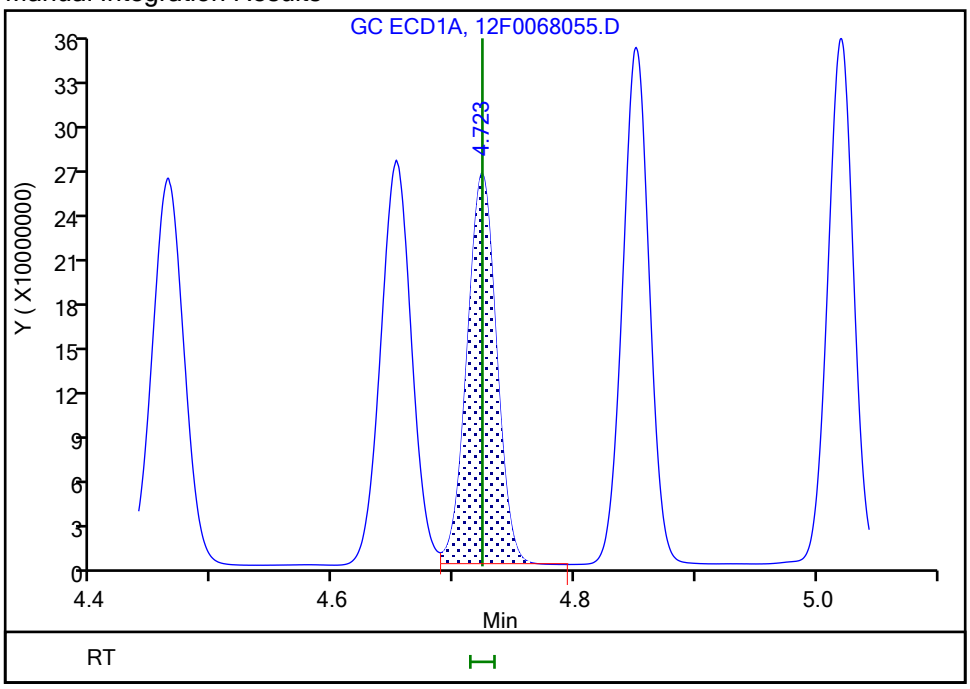
Processing Integration Results

RT: 4.72
Area: 422283697
Amount: 236.2611
Amount Units: ug/l




Manual Integration Results

RT: 4.72
Area: 438066051
Amount: 241.5014
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:09 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

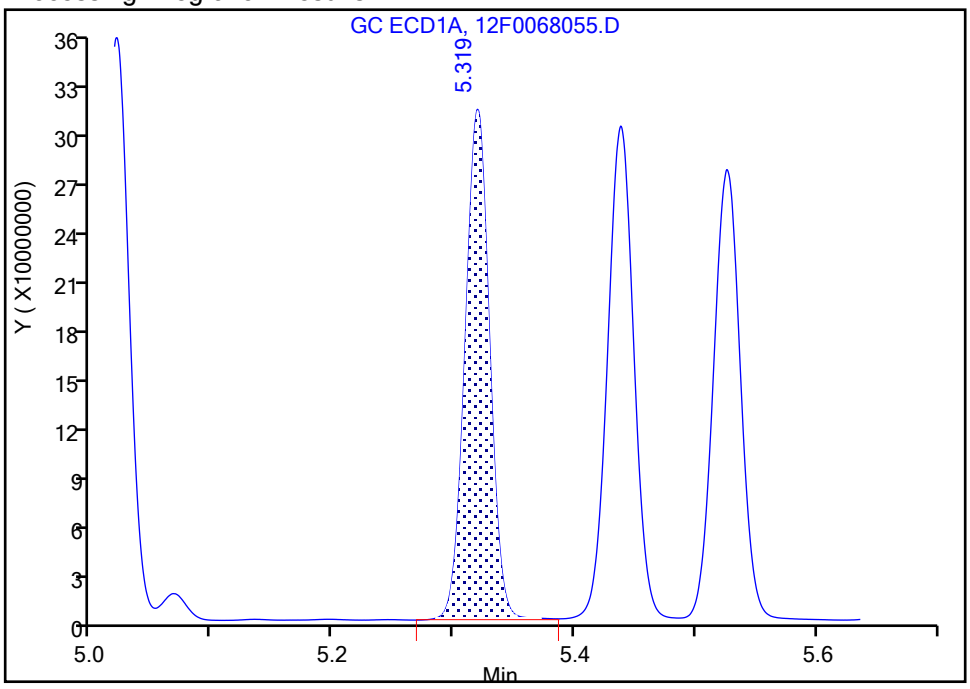
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

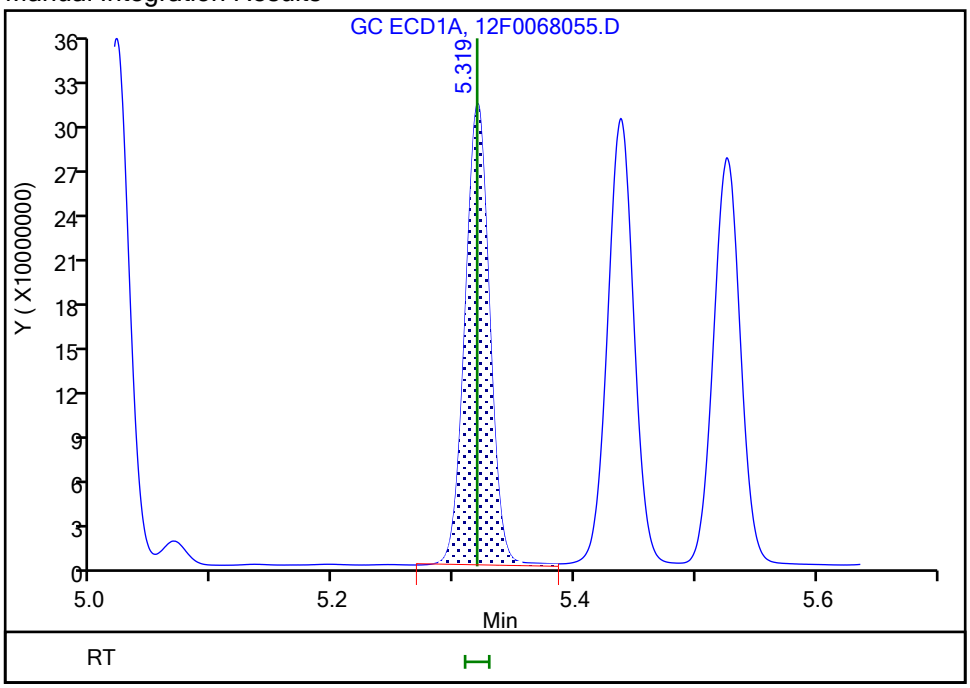
Processing Integration Results

RT: 5.32
Area: 424619452
Amount: 238.4097
Amount Units: ug/l




Manual Integration Results

RT: 5.32
Area: 426419219
Amount: 239.0275
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

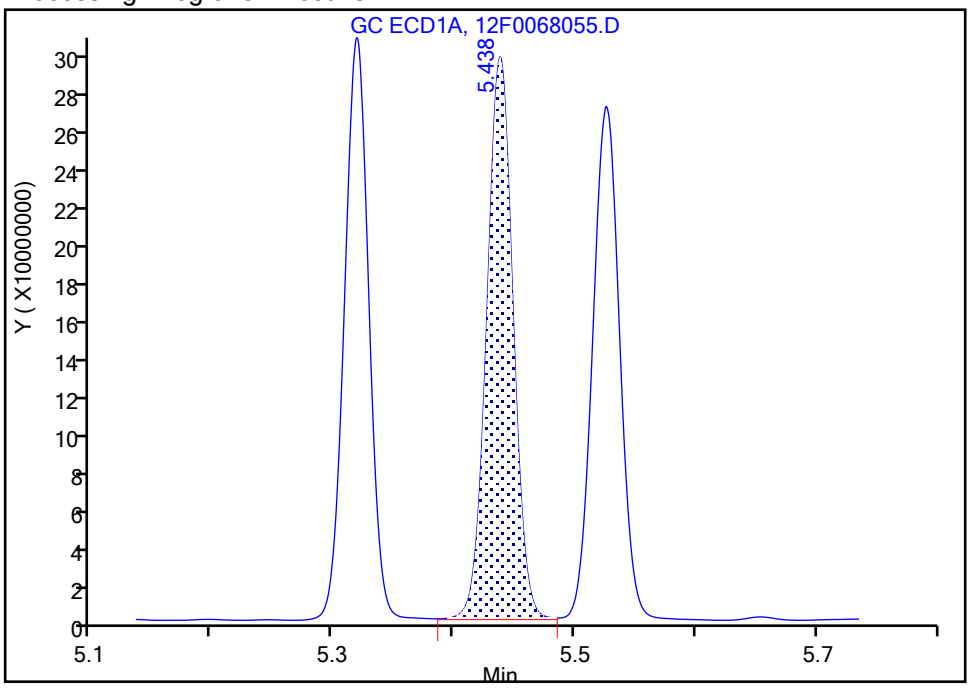
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

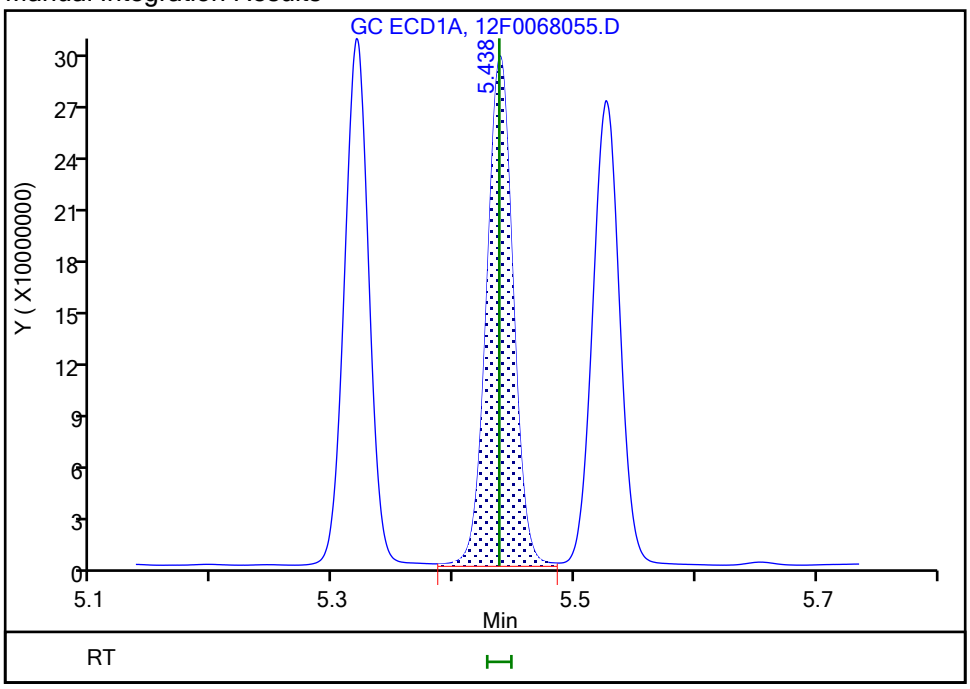
Processing Integration Results

RT: 5.44
Area: 439771867
Amount: 236.3584
Amount Units: ug/l




Manual Integration Results

RT: 5.44
Area: 444138869
Amount: 237.6691
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

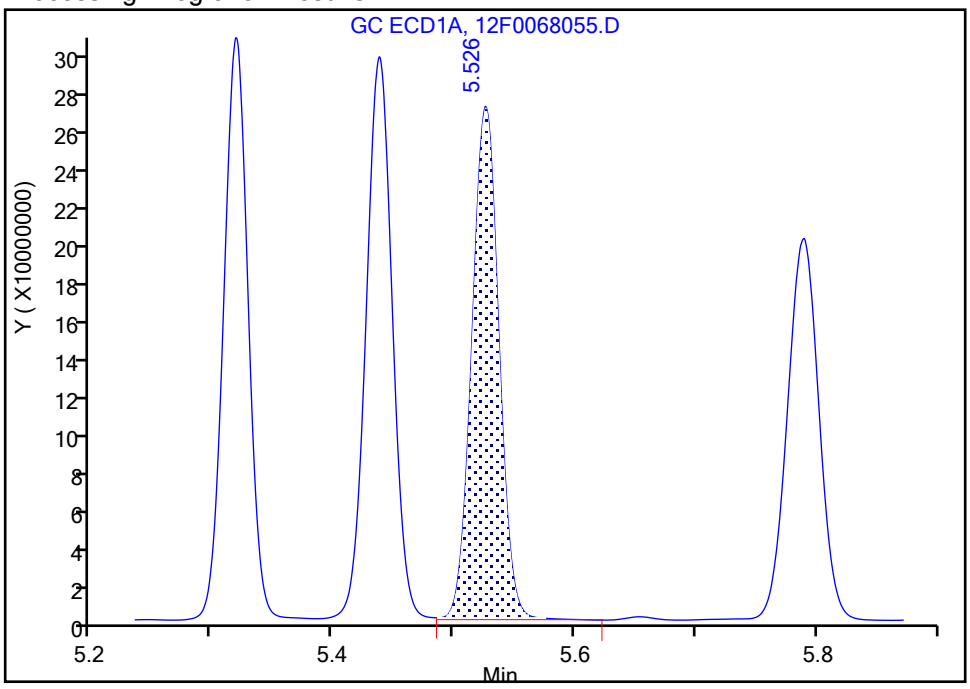
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

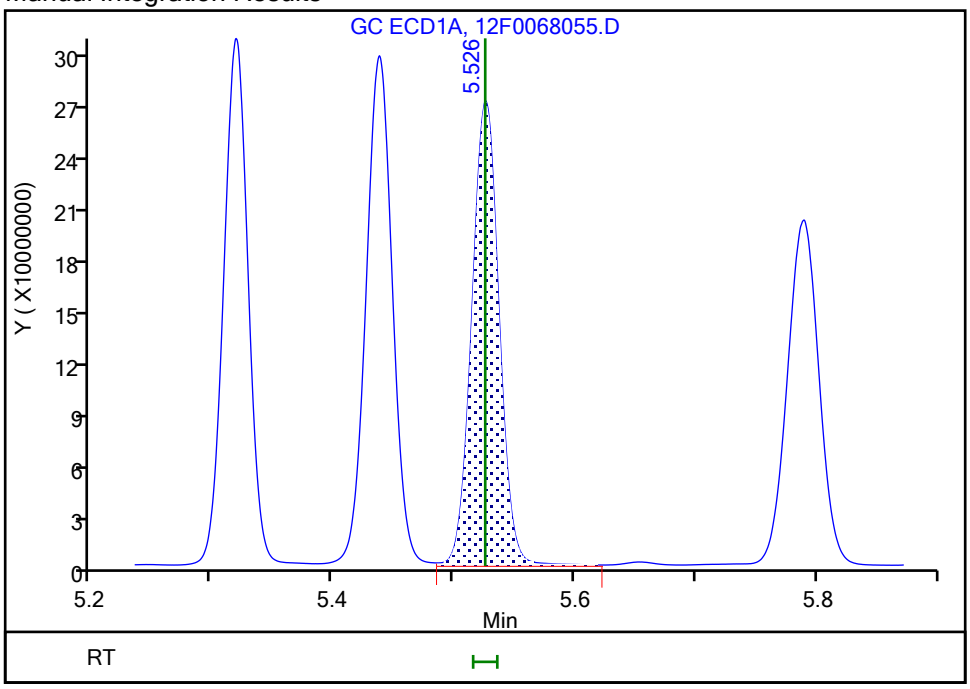
Processing Integration Results

RT: 5.53
Area: 411695556
Amount: 248.8133
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 415675997
Amount: 250.0429
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

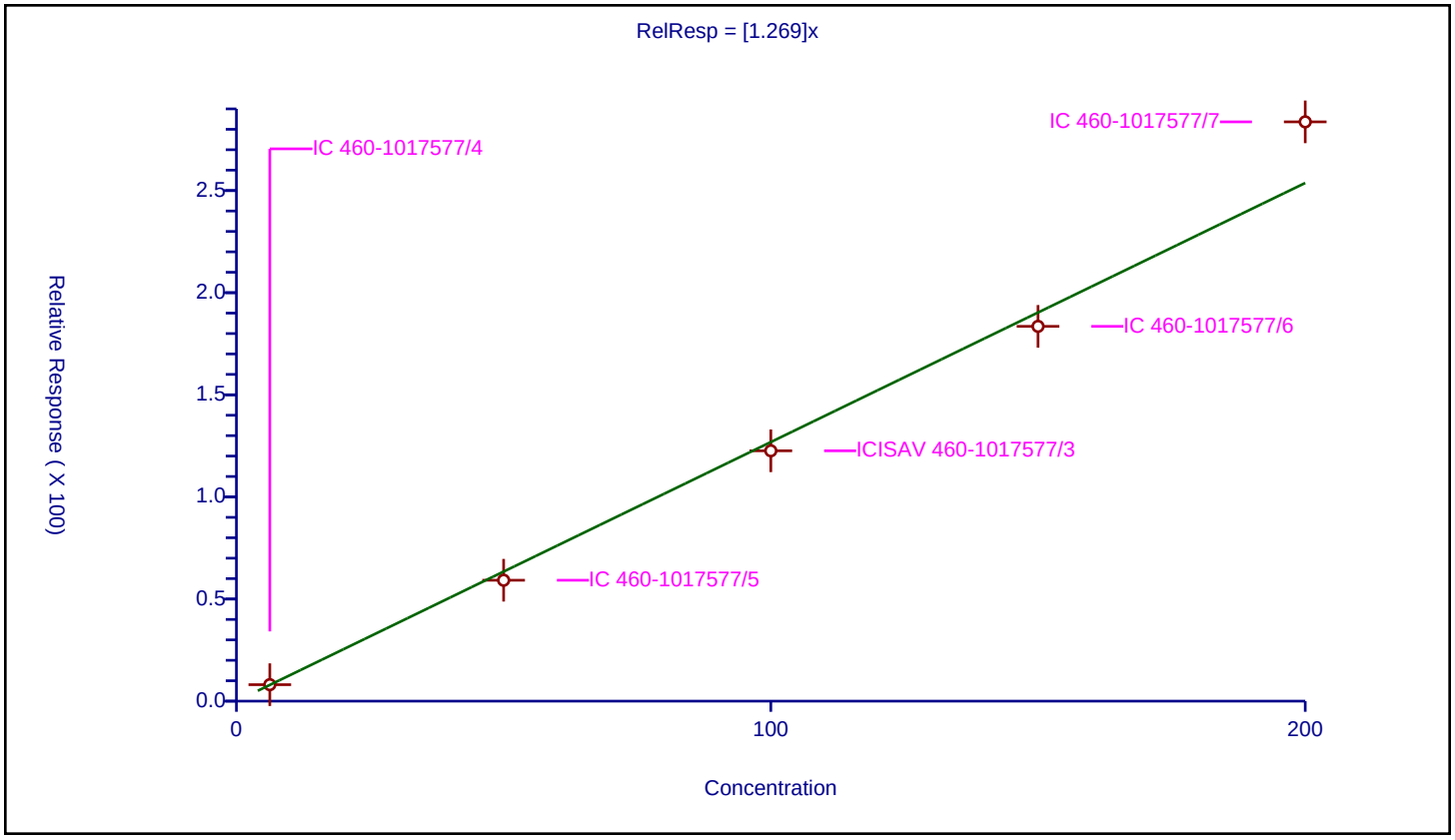
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.269 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 6.25 | 8.071114 | 100.0 | 141590844.0 | 1.291378 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 59.204562 | 100.0 | 159912058.0 | 1.184091 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 122.581991 | 100.0 | 139713564.0 | 1.22582 | Y |
| 4 | IC 460-1017577/6 | 150.0 | 183.516676 | 100.0 | 165444405.0 | 1.223445 | Y |
| 5 | IC 460-1017577/7 | 200.0 | 283.645442 | 100.0 | 120740784.0 | 1.418227 | Y |



## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

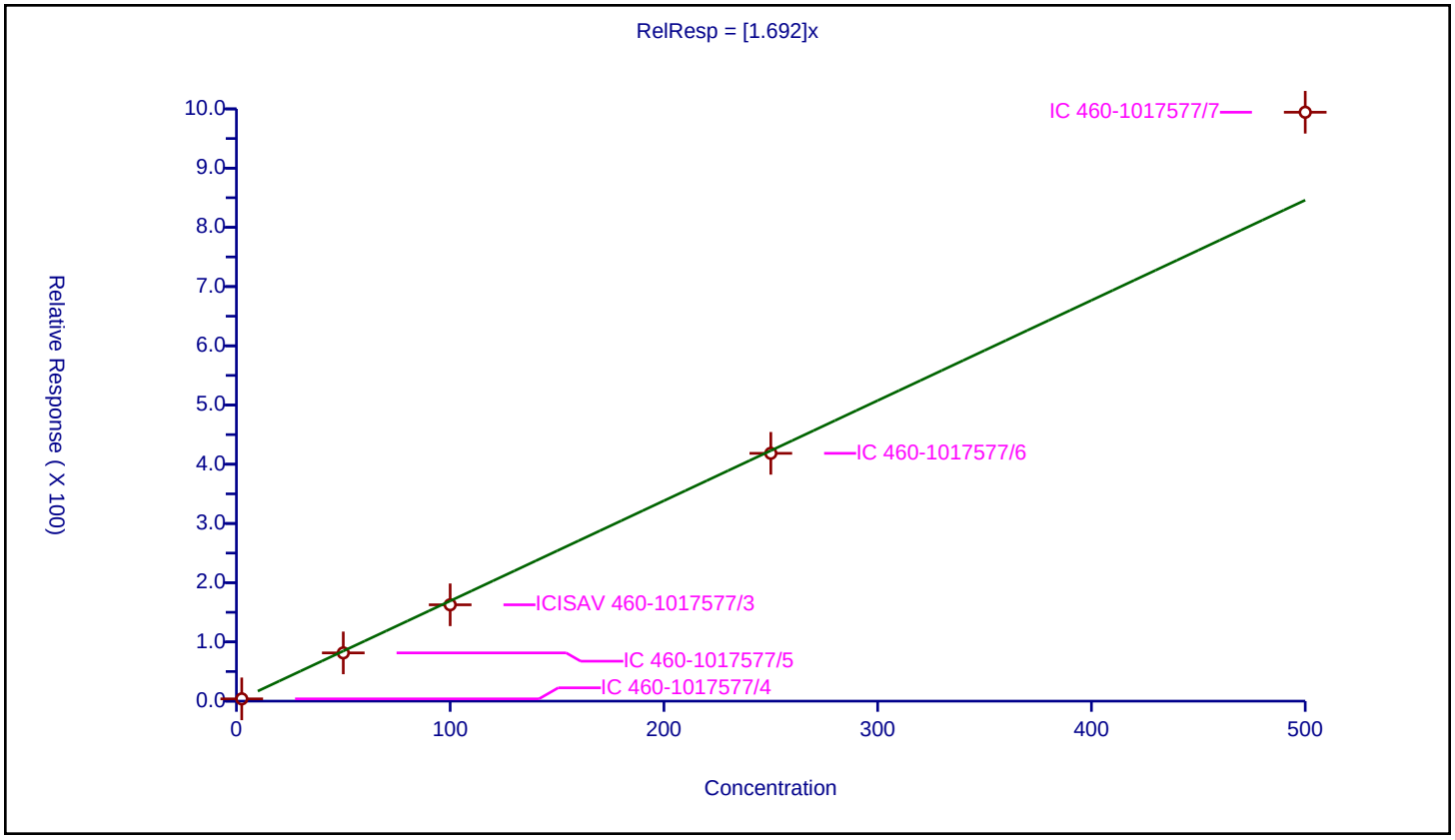
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.692 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.853307 | 100.0 | 141590844.0 | 1.541323 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 81.442651 | 100.0 | 159912058.0 | 1.628853 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 162.68911 | 100.0 | 139713564.0 | 1.626891 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 418.437863 | 100.0 | 165444405.0 | 1.673751 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 994.329884 | 100.0 | 120740784.0 | 1.98866 | Y |



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## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

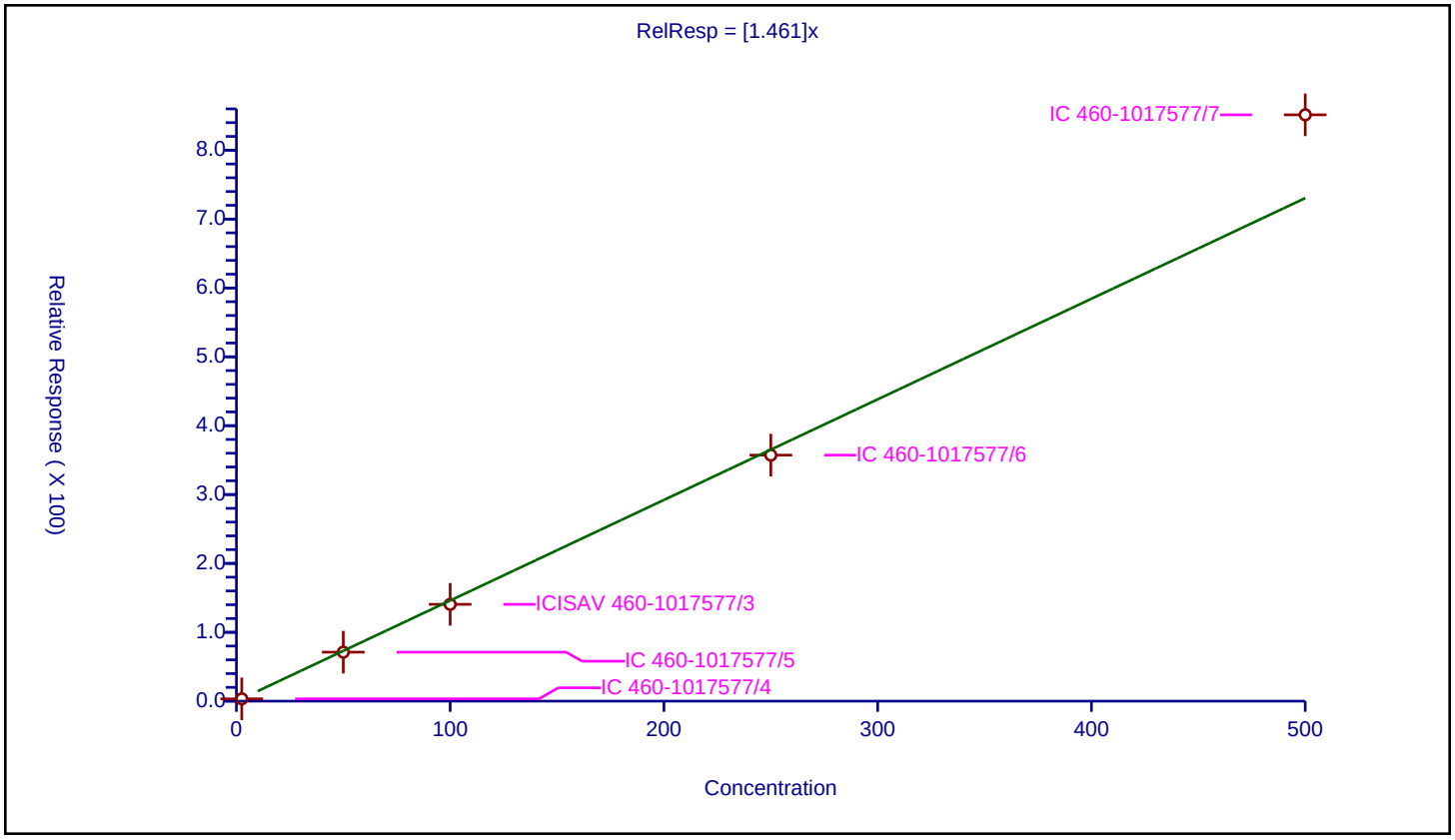
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.461 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.360385 | 100.0 | 141590844.0 | 1.344154 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 71.127686 | 100.0 | 159912058.0 | 1.422554 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 140.569397 | 100.0 | 139713564.0 | 1.405694 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 357.208201 | 100.0 | 165444405.0 | 1.428833 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 851.374754 | 100.0 | 120740784.0 | 1.70275 | Y |



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## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

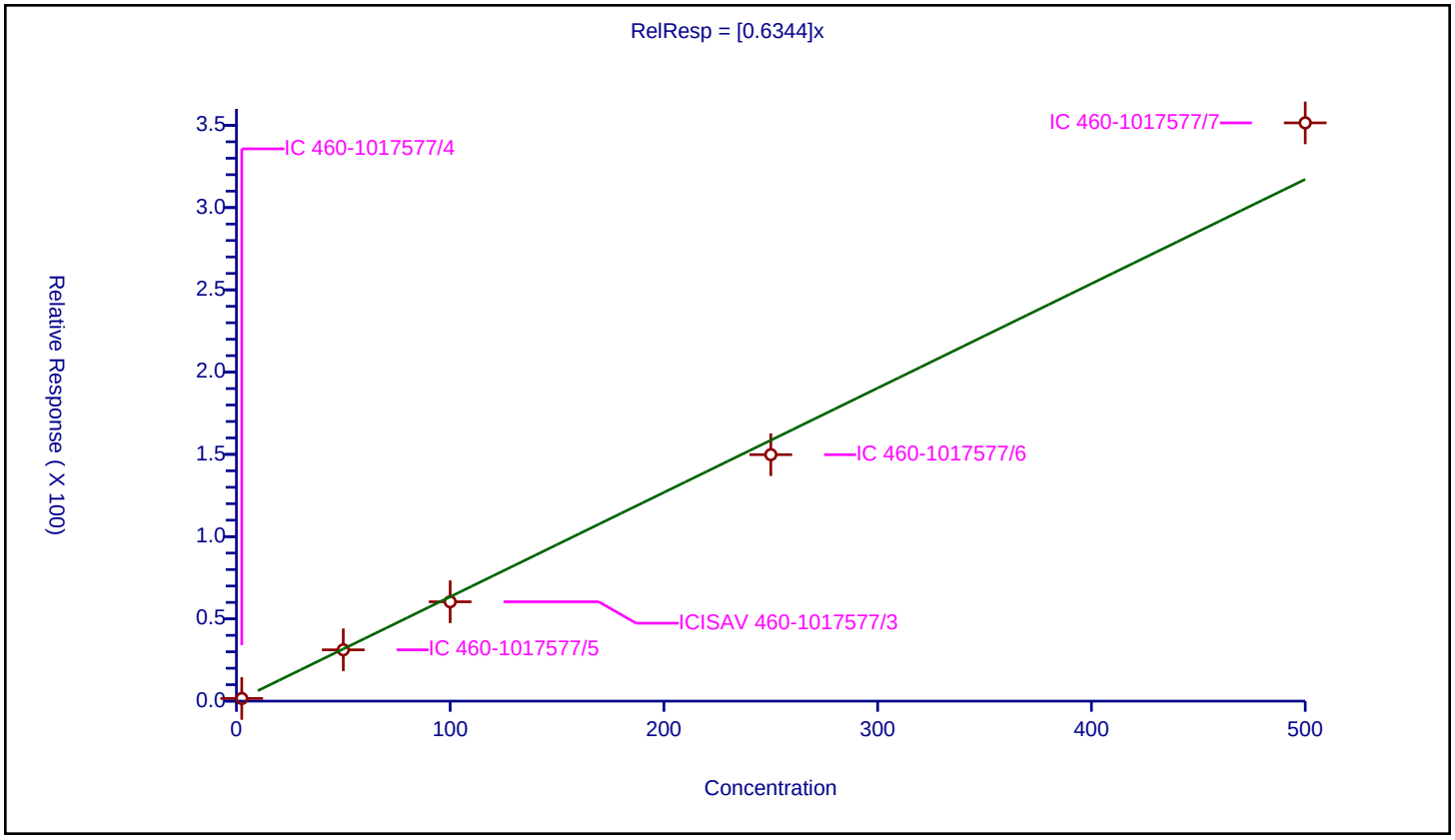
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6344 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.604334 | 100.0 | 141590844.0 | 0.641734 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 31.190232 | 100.0 | 159912058.0 | 0.623805 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 60.396342 | 100.0 | 139713564.0 | 0.603963 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 149.828525 | 100.0 | 165444405.0 | 0.599314 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 351.503692 | 100.0 | 120740784.0 | 0.703007 | Y |



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## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

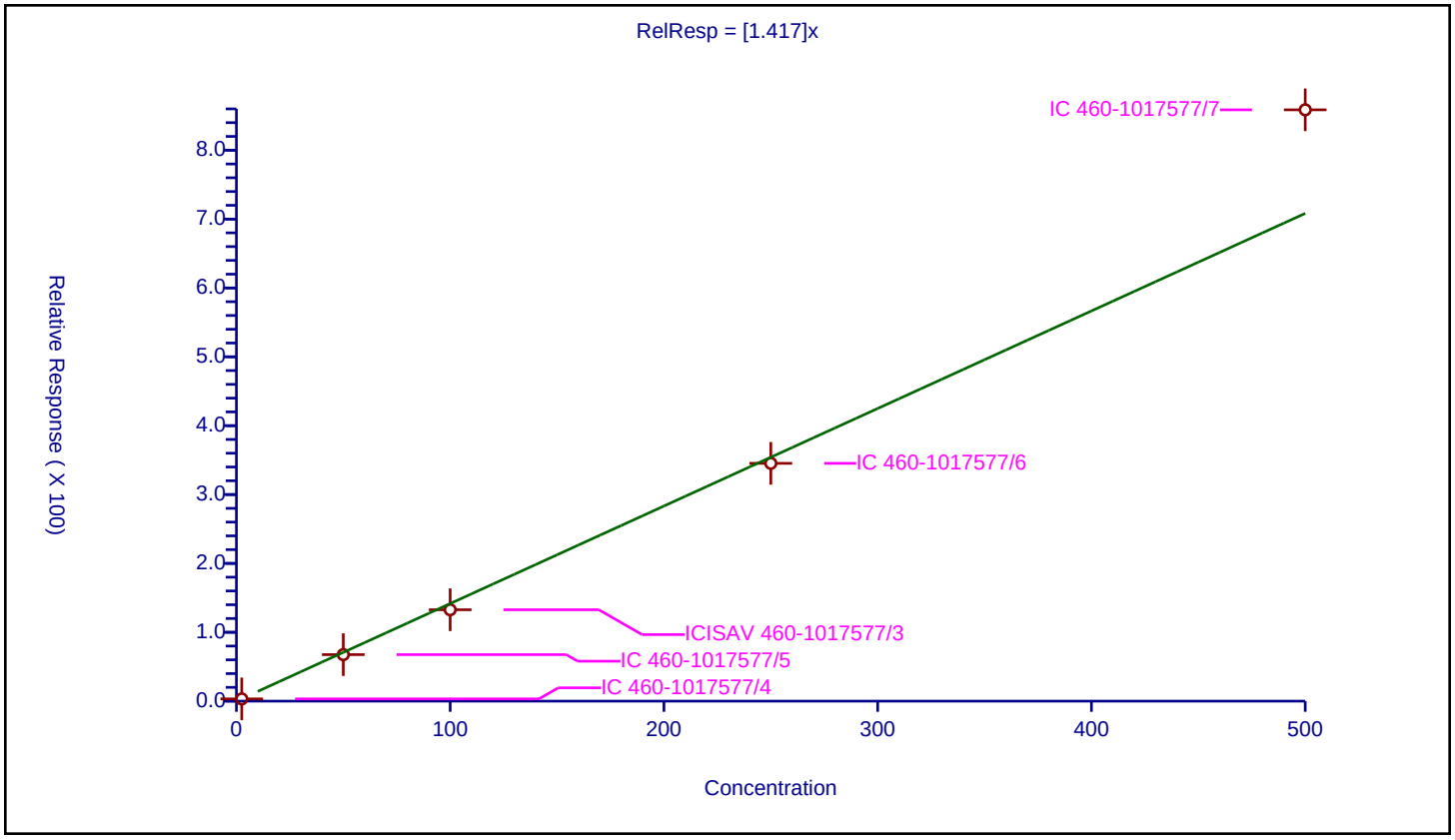
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.417 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.264285 | 100.0 | 141590844.0 | 1.305714 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 67.557568 | 100.0 | 159912058.0 | 1.351151 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 132.71031 | 100.0 | 139713564.0 | 1.327103 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 345.325089 | 100.0 | 165444405.0 | 1.3813 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 858.652679 | 100.0 | 120740784.0 | 1.717305 | Y |



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## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

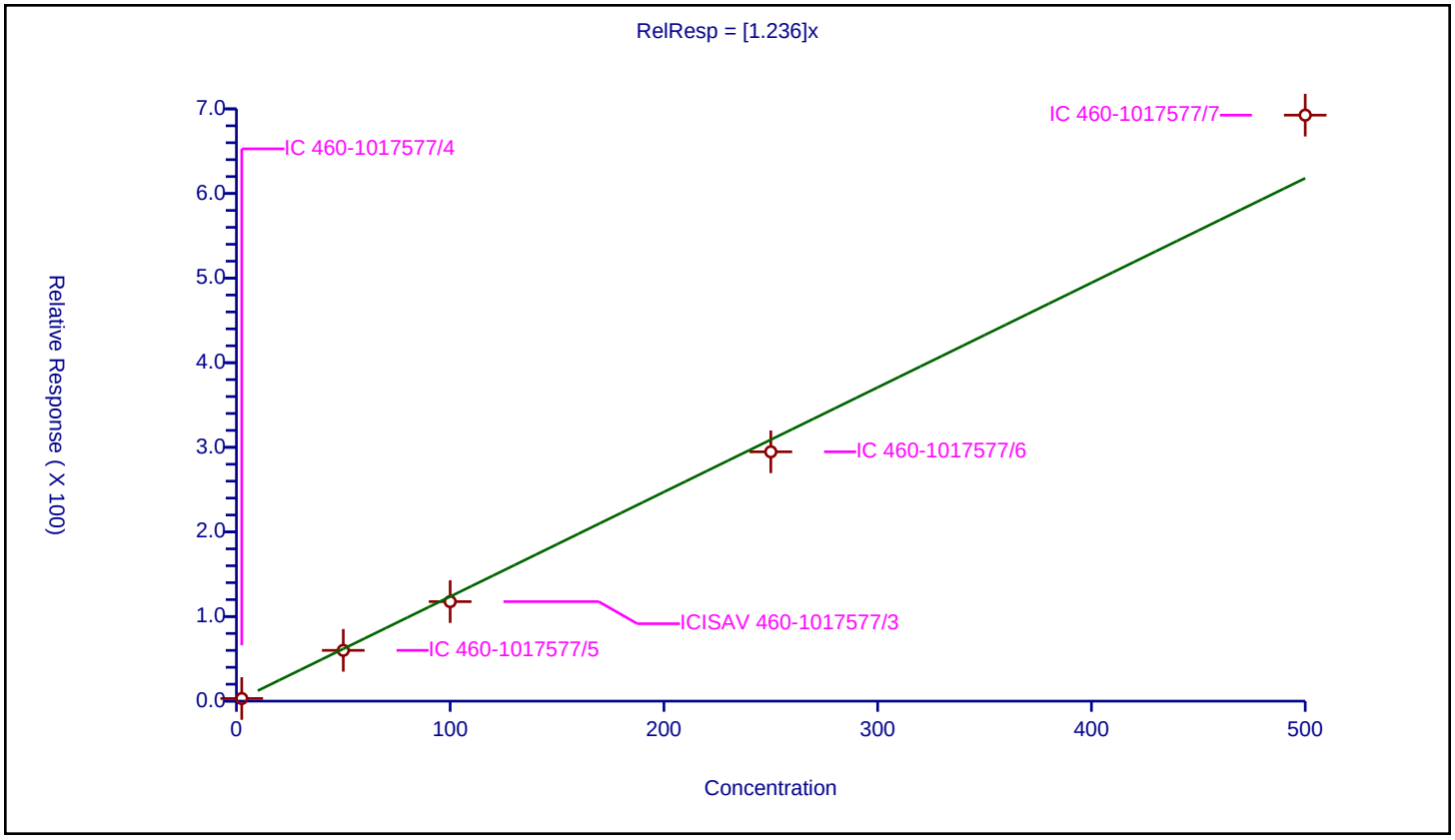
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.236 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.100415 | 100.0 | 141590844.0 | 1.240166 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 60.007616 | 100.0 | 159912058.0 | 1.200152 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 117.620248 | 100.0 | 139713564.0 | 1.176202 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 294.696334 | 100.0 | 165444405.0 | 1.178785 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 692.601831 | 100.0 | 120740784.0 | 1.385204 | Y |



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## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

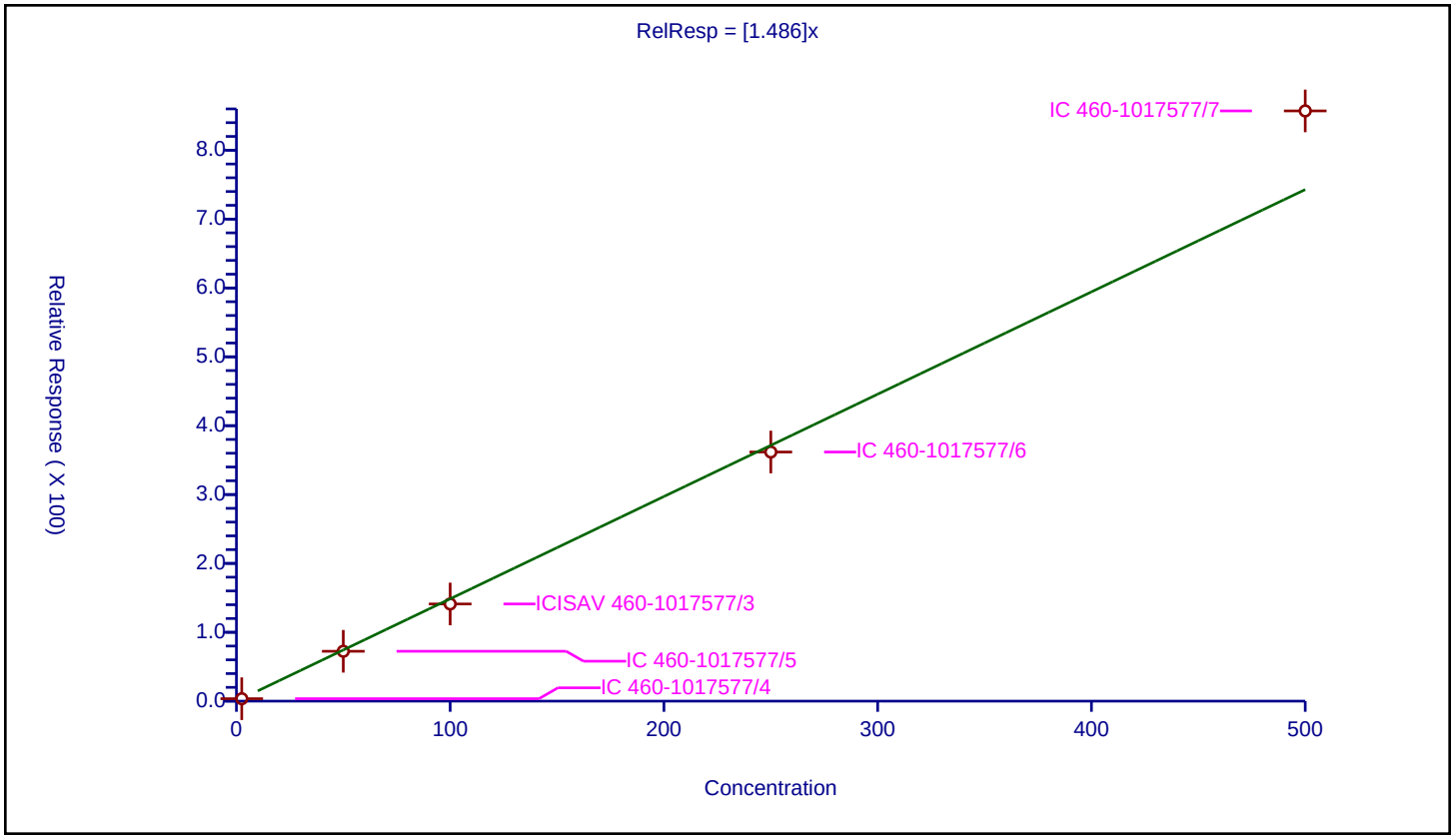
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.486 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.520348 | 100.0 | 141590844.0 | 1.408139 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 72.415811 | 100.0 | 159912058.0 | 1.448316 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 141.107281 | 100.0 | 139713564.0 | 1.411073 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 361.759876 | 100.0 | 165444405.0 | 1.44704 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 857.076161 | 100.0 | 120740784.0 | 1.714152 | Y |



## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

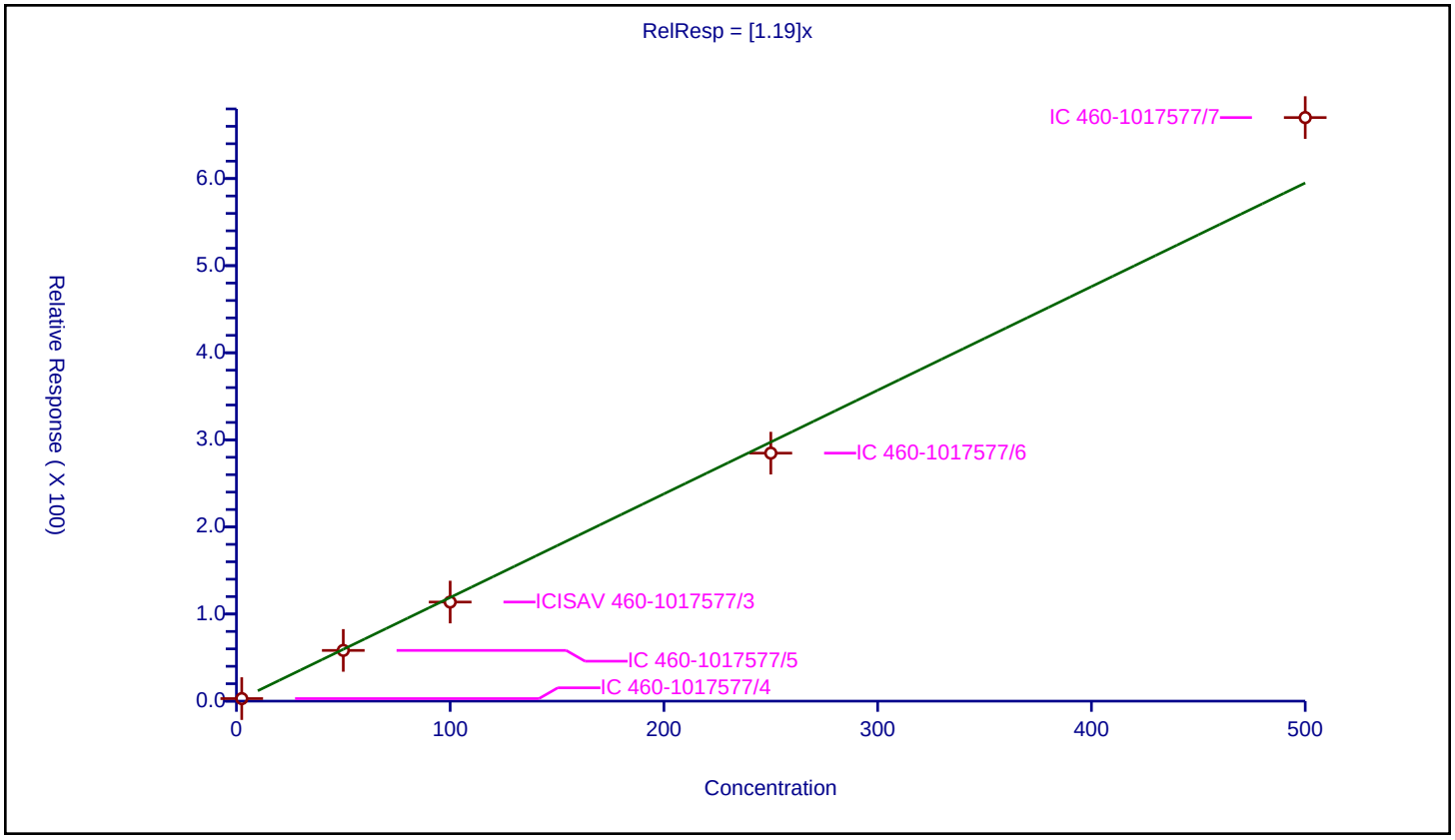
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.19 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.919778 | 100.0 | 141590844.0 | 1.167911 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 58.23075 | 100.0 | 159912058.0 | 1.164615 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 113.785891 | 100.0 | 139713564.0 | 1.137859 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 284.755095 | 100.0 | 165444405.0 | 1.13902 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 670.02405 | 100.0 | 120740784.0 | 1.340048 | Y |



## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

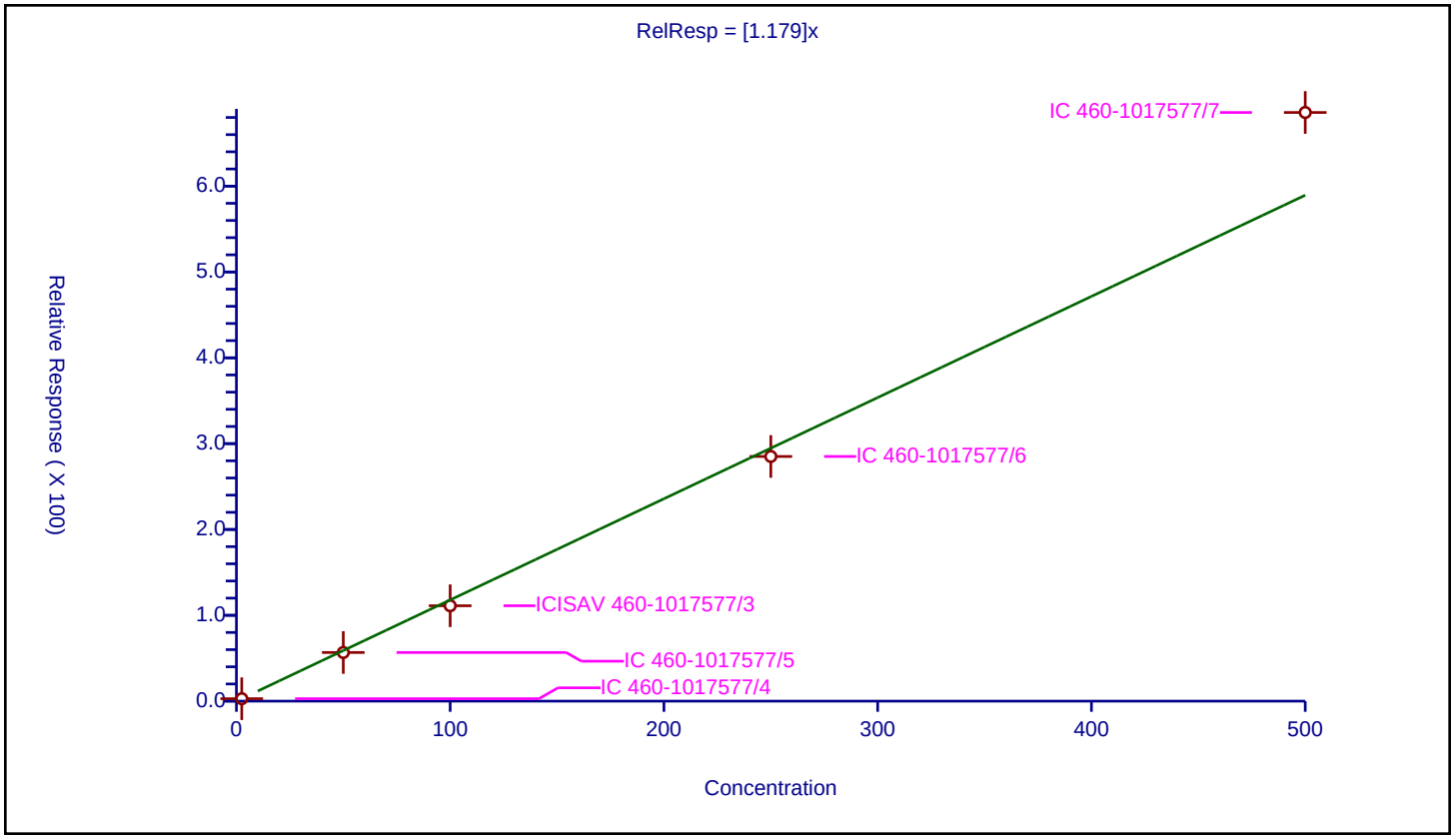
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.179 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.844086 | 100.0 | 141590844.0 | 1.137634 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 56.672043 | 100.0 | 159912058.0 | 1.133441 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 111.145448 | 100.0 | 139713564.0 | 1.111454 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 285.066798 | 100.0 | 165444405.0 | 1.140267 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 685.823961 | 100.0 | 120740784.0 | 1.371648 | Y |



## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

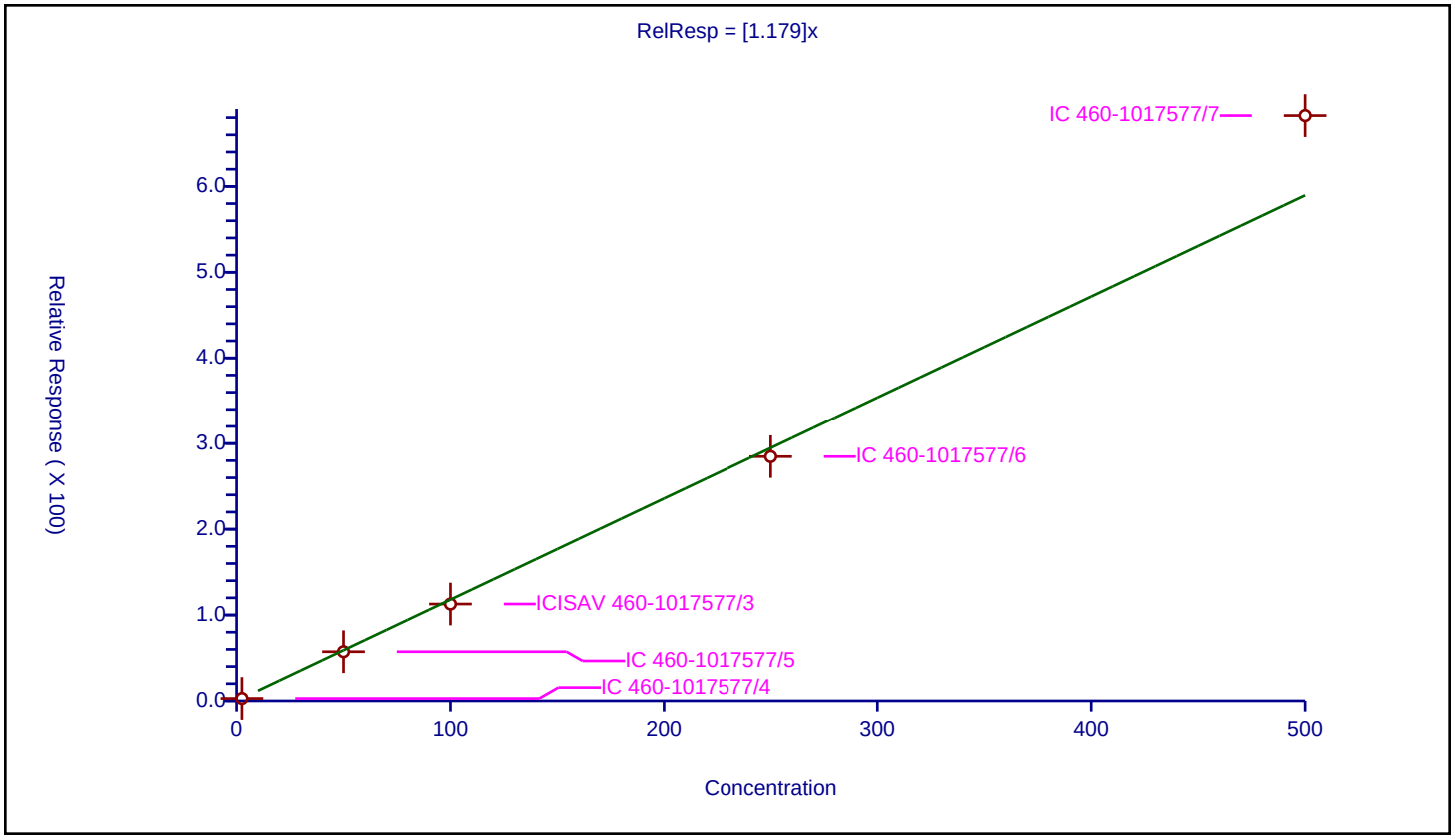
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.179 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.798021 | 100.0 | 141590844.0 | 1.119208 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 57.263595 | 100.0 | 159912058.0 | 1.145272 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 112.807215 | 100.0 | 139713564.0 | 1.128072 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 284.760834 | 100.0 | 165444405.0 | 1.139043 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 682.359346 | 100.0 | 120740784.0 | 1.364719 | Y |



## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

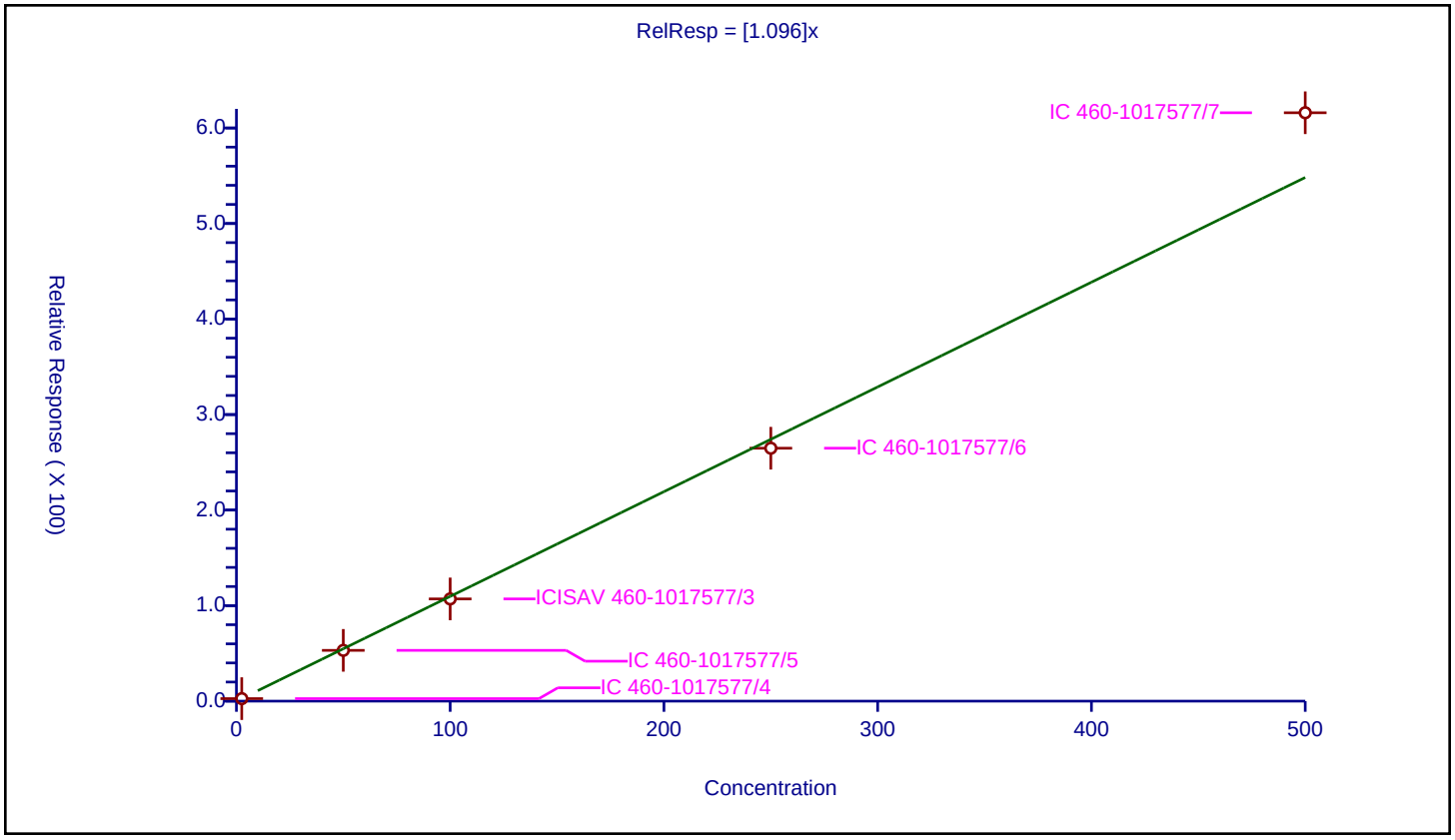
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.096 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.6444 | 100.0 | 141590844.0 | 1.05776 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 53.147536 | 100.0 | 159912058.0 | 1.062951 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 107.023394 | 100.0 | 139713564.0 | 1.070234 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 264.781424 | 100.0 | 165444405.0 | 1.059126 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 615.95722 | 100.0 | 120740784.0 | 1.231914 | Y |



## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

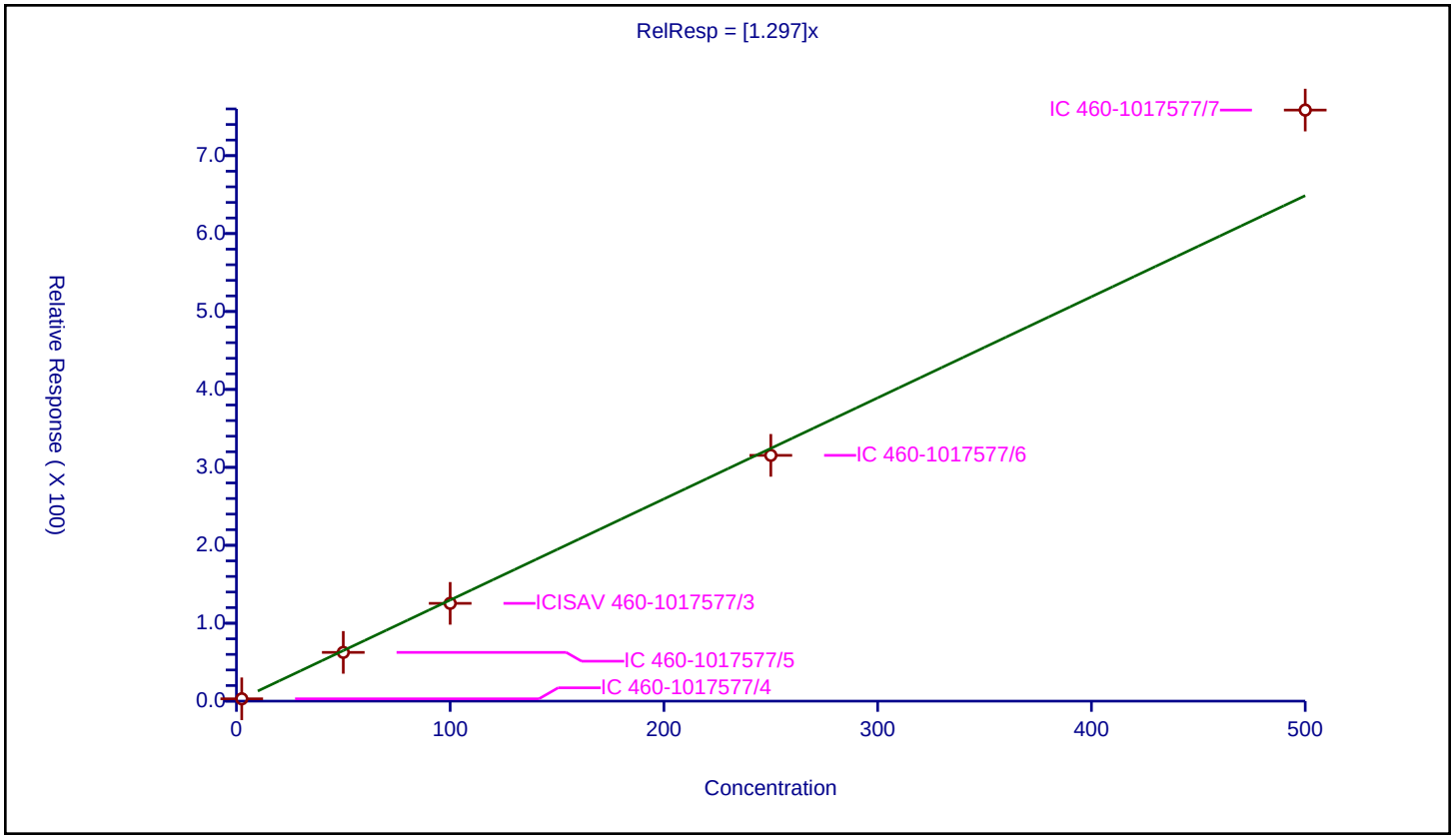
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.297 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.004475 | 100.0 | 141590844.0 | 1.20179 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 62.569161 | 100.0 | 159912058.0 | 1.251383 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 125.482544 | 100.0 | 139713564.0 | 1.254825 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 315.427972 | 100.0 | 165444405.0 | 1.261712 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 758.506241 | 100.0 | 120740784.0 | 1.517012 | Y |



## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

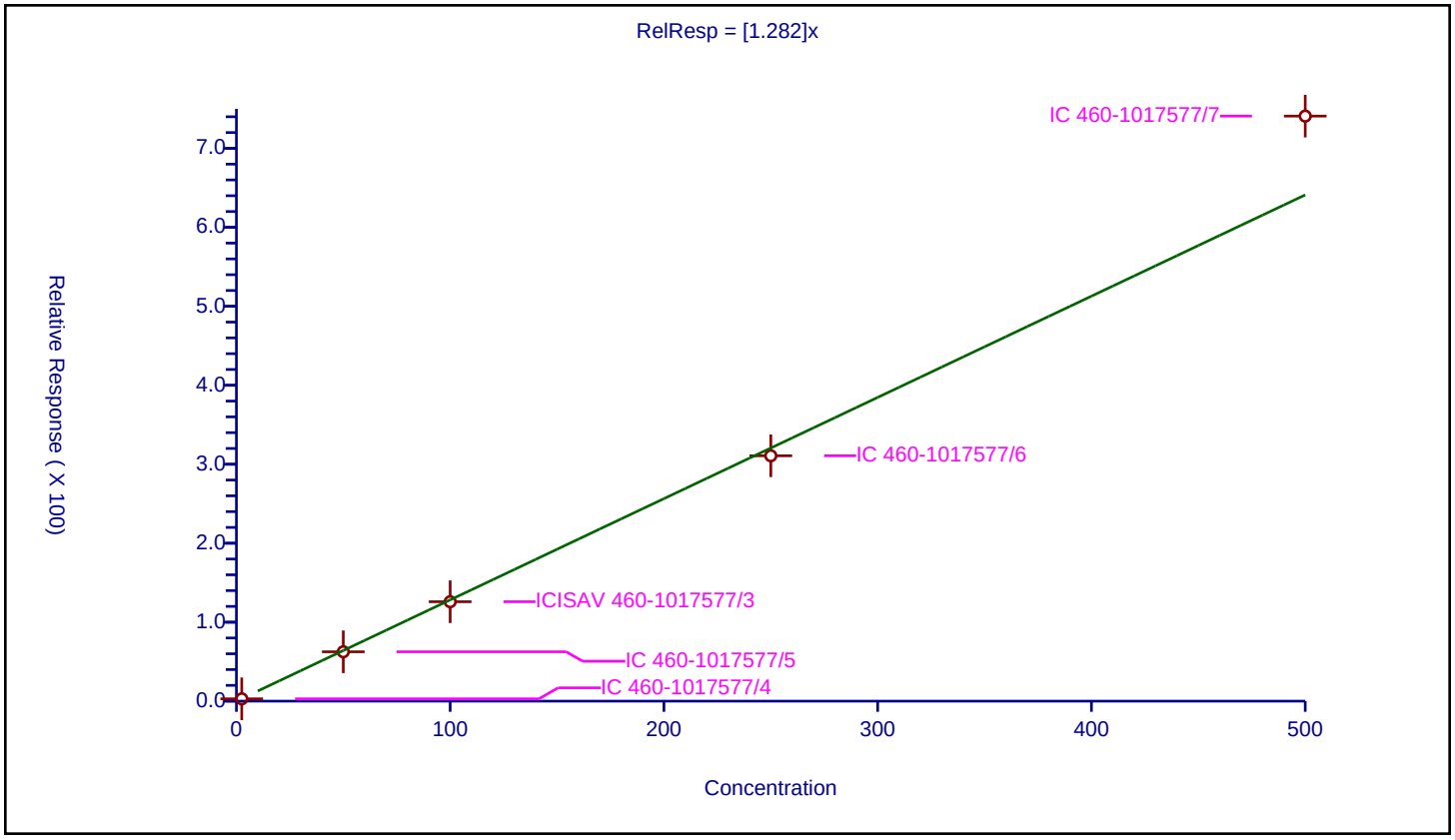
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.282 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.942071 | 100.0 | 141590844.0 | 1.176828 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 62.522943 | 100.0 | 159912058.0 | 1.250459 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 125.876185 | 100.0 | 139713564.0 | 1.258762 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 310.729428 | 100.0 | 165444405.0 | 1.242918 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 740.854848 | 100.0 | 120740784.0 | 1.48171 | Y |



## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

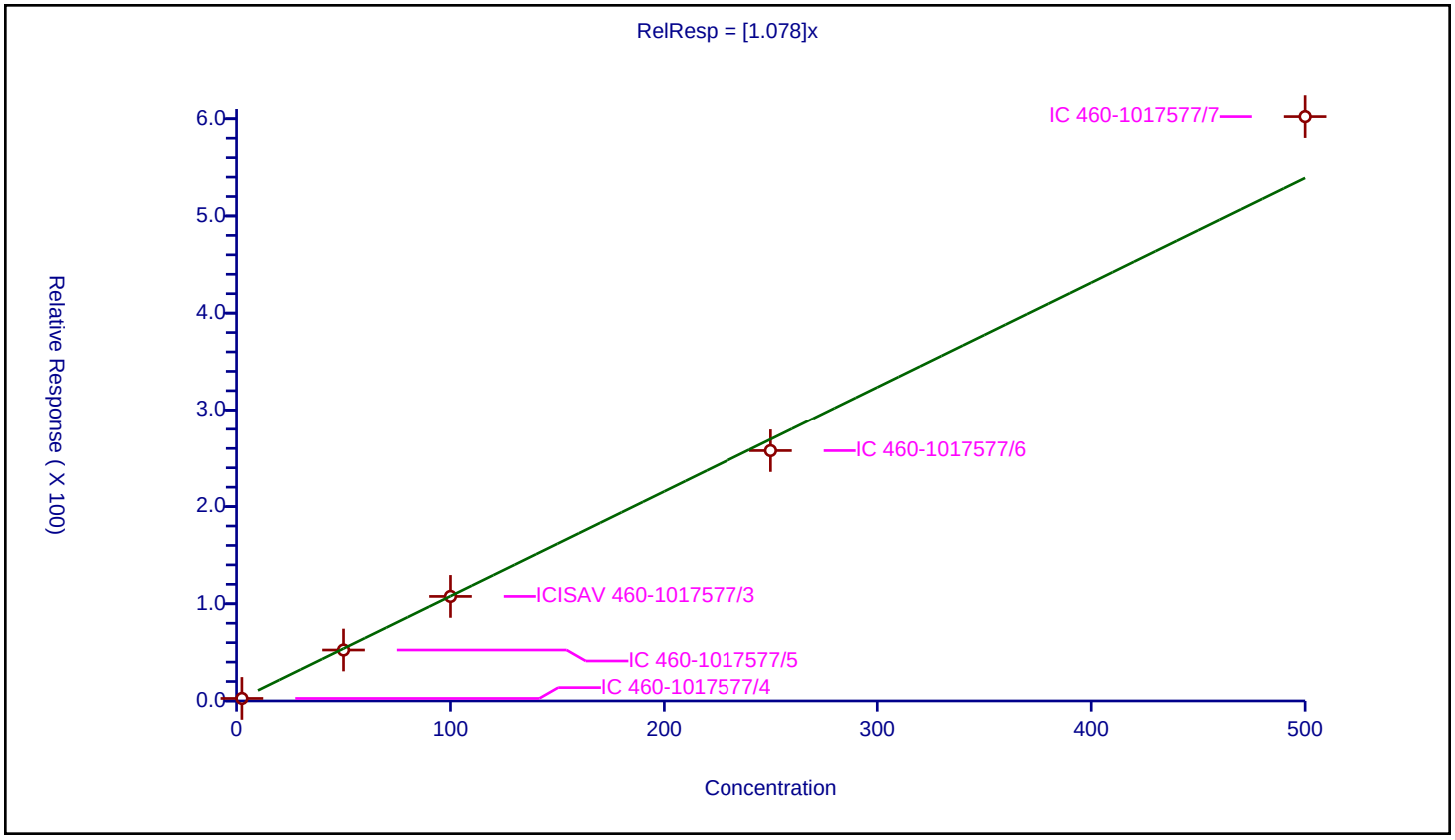
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.078 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.579625 | 100.0 | 141590844.0 | 1.03185 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 52.425362 | 100.0 | 159912058.0 | 1.048507 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 107.570255 | 100.0 | 139713564.0 | 1.075703 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 257.741698 | 100.0 | 165444405.0 | 1.030967 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 602.219152 | 100.0 | 120740784.0 | 1.204438 | Y |



## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

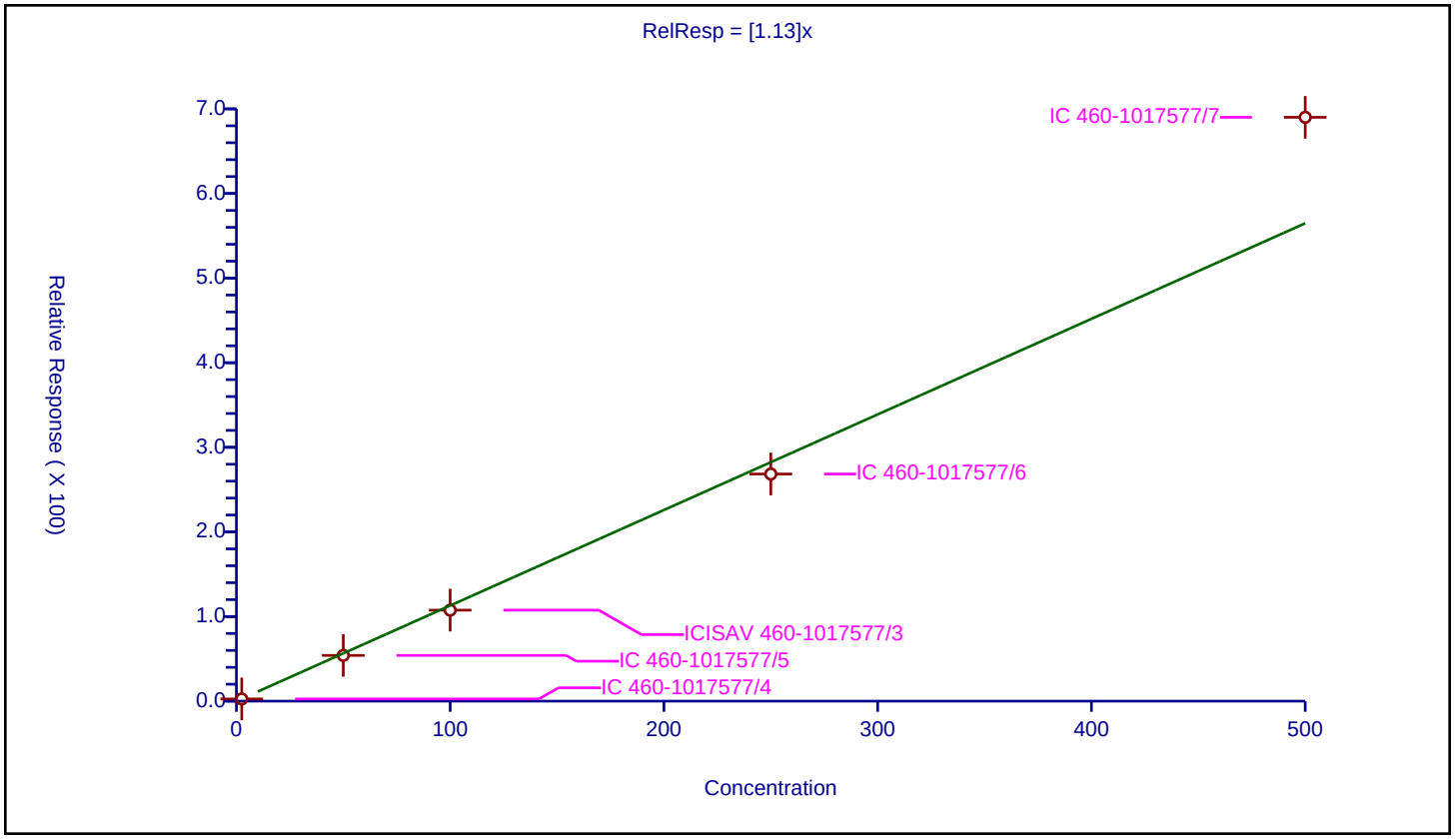
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.13 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.592464 | 100.0 | 141590844.0 | 1.036985 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 54.055148 | 100.0 | 159912058.0 | 1.081103 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 107.557378 | 100.0 | 139713564.0 | 1.075574 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 268.452033 | 100.0 | 165444405.0 | 1.073808 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 690.065406 | 100.0 | 120740784.0 | 1.380131 | Y |



## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

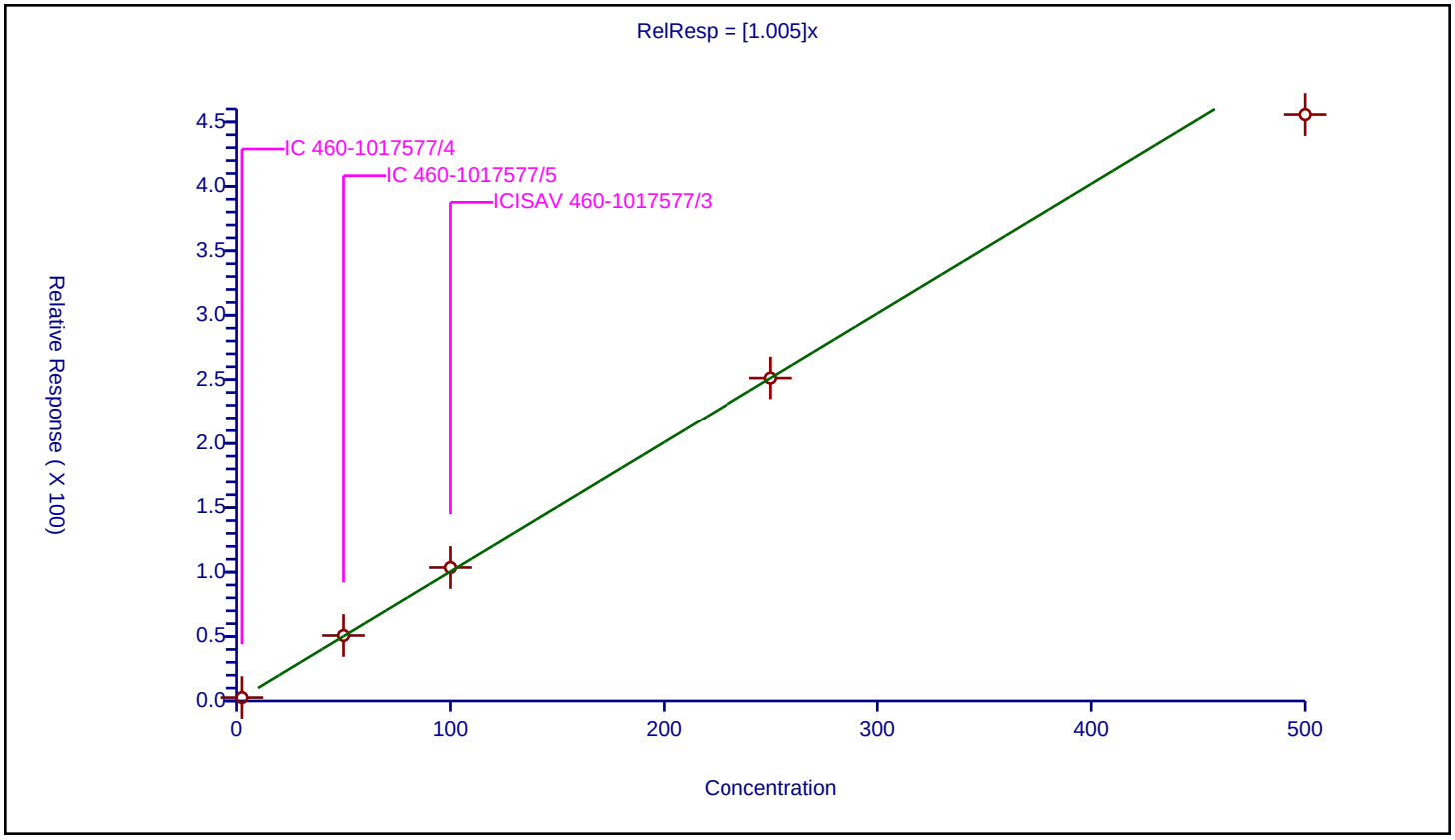
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.005 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.638519 | 100.0 | 141590844.0 | 1.055408 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 50.826746 | 100.0 | 159912058.0 | 1.016535 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 103.578296 | 100.0 | 139713564.0 | 1.035783 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 251.248144 | 100.0 | 165444405.0 | 1.004993 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 455.691115 | 100.0 | 120740784.0 | 0.911382 | Y |



## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

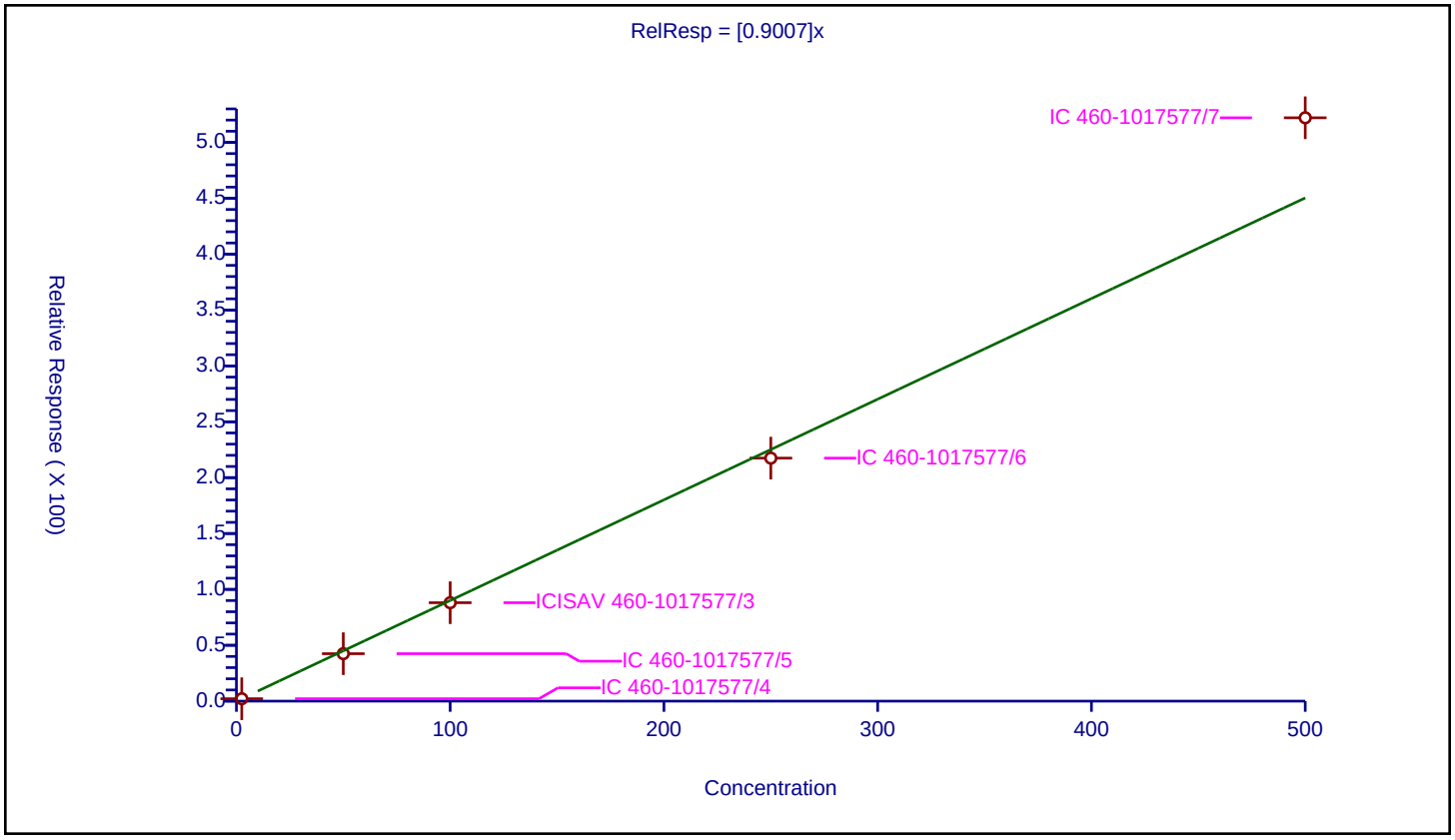
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9007 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.147873 | 100.0 | 141590844.0 | 0.859149 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 42.46914 | 100.0 | 159912058.0 | 0.849383 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 88.073102 | 100.0 | 139713564.0 | 0.880731 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 217.490413 | 100.0 | 165444405.0 | 0.869962 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 522.046411 | 100.0 | 120740784.0 | 1.044093 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

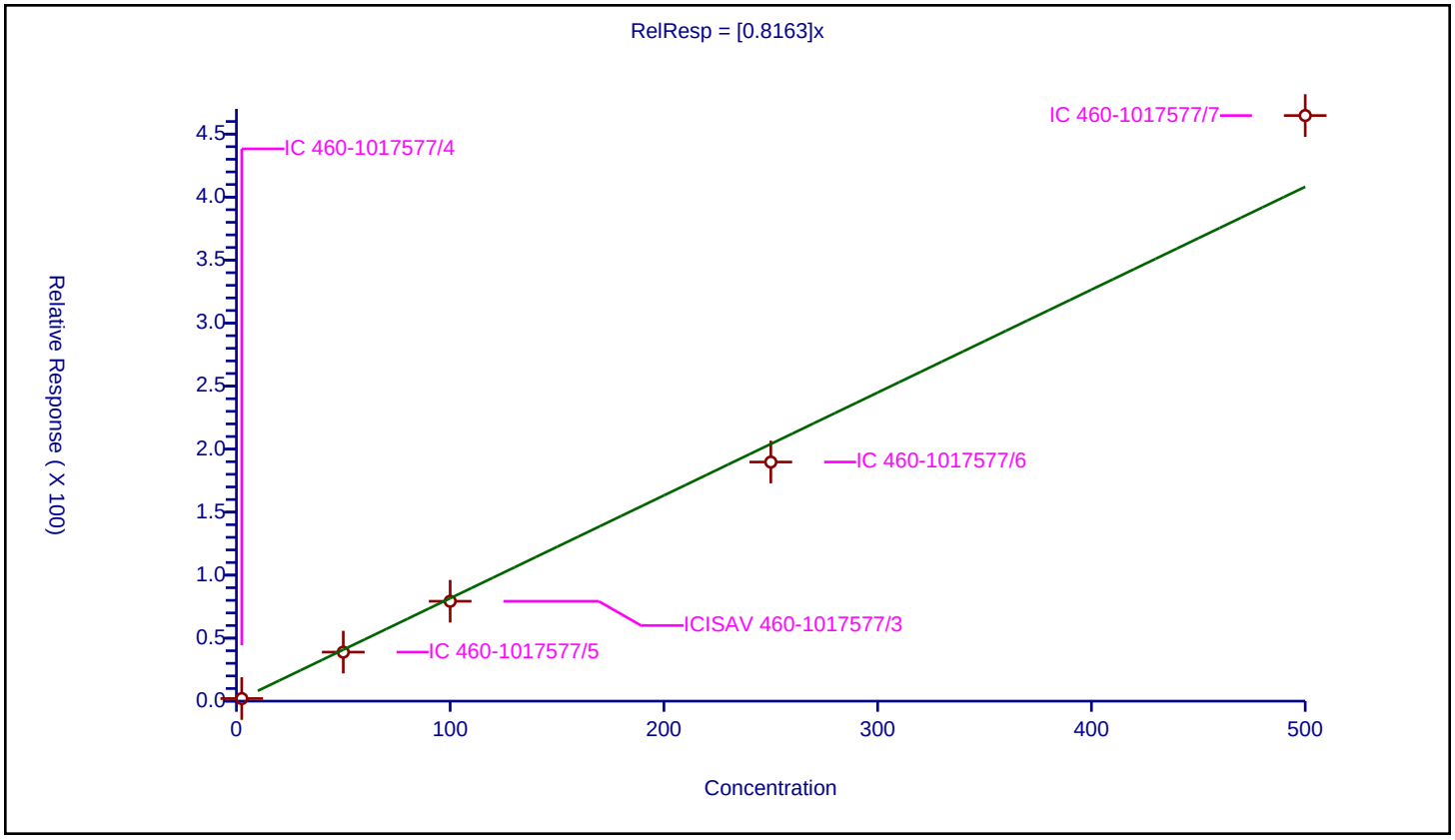
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8163 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.056267 | 100.0 | 141590844.0 | 0.822507 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 38.906341 | 100.0 | 159912058.0 | 0.778127 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 79.269924 | 100.0 | 139713564.0 | 0.792699 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 189.741385 | 100.0 | 165444405.0 | 0.758966 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 464.709027 | 100.0 | 120740784.0 | 0.929418 | Y |



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## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

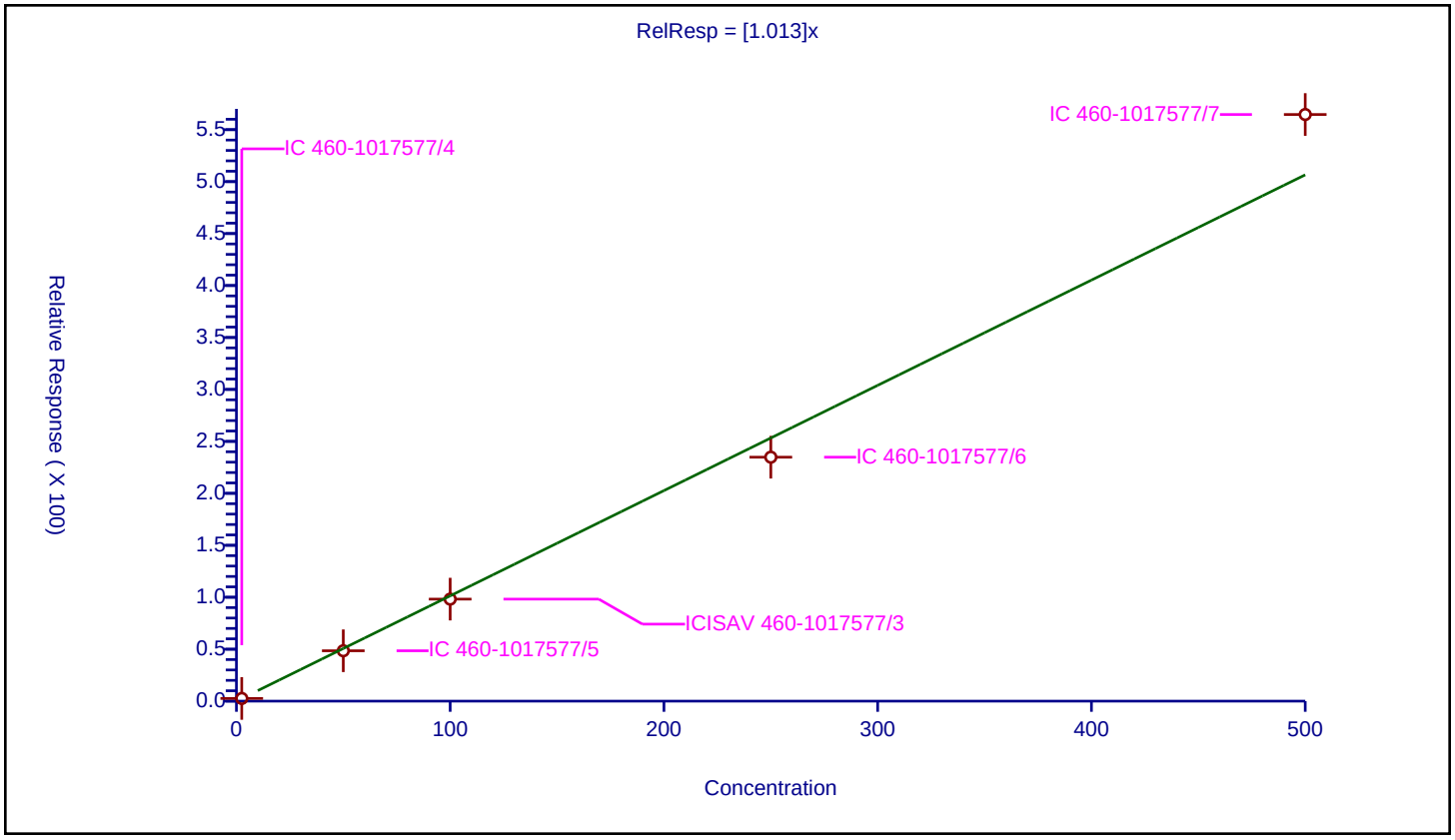
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.013 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.613995 | 100.0 | 141590844.0 | 1.045598 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 48.481732 | 100.0 | 159912058.0 | 0.969635 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 98.181849 | 100.0 | 139713564.0 | 0.981818 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 234.79592 | 100.0 | 165444405.0 | 0.939184 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 564.59748 | 100.0 | 120740784.0 | 1.129195 | Y |



## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

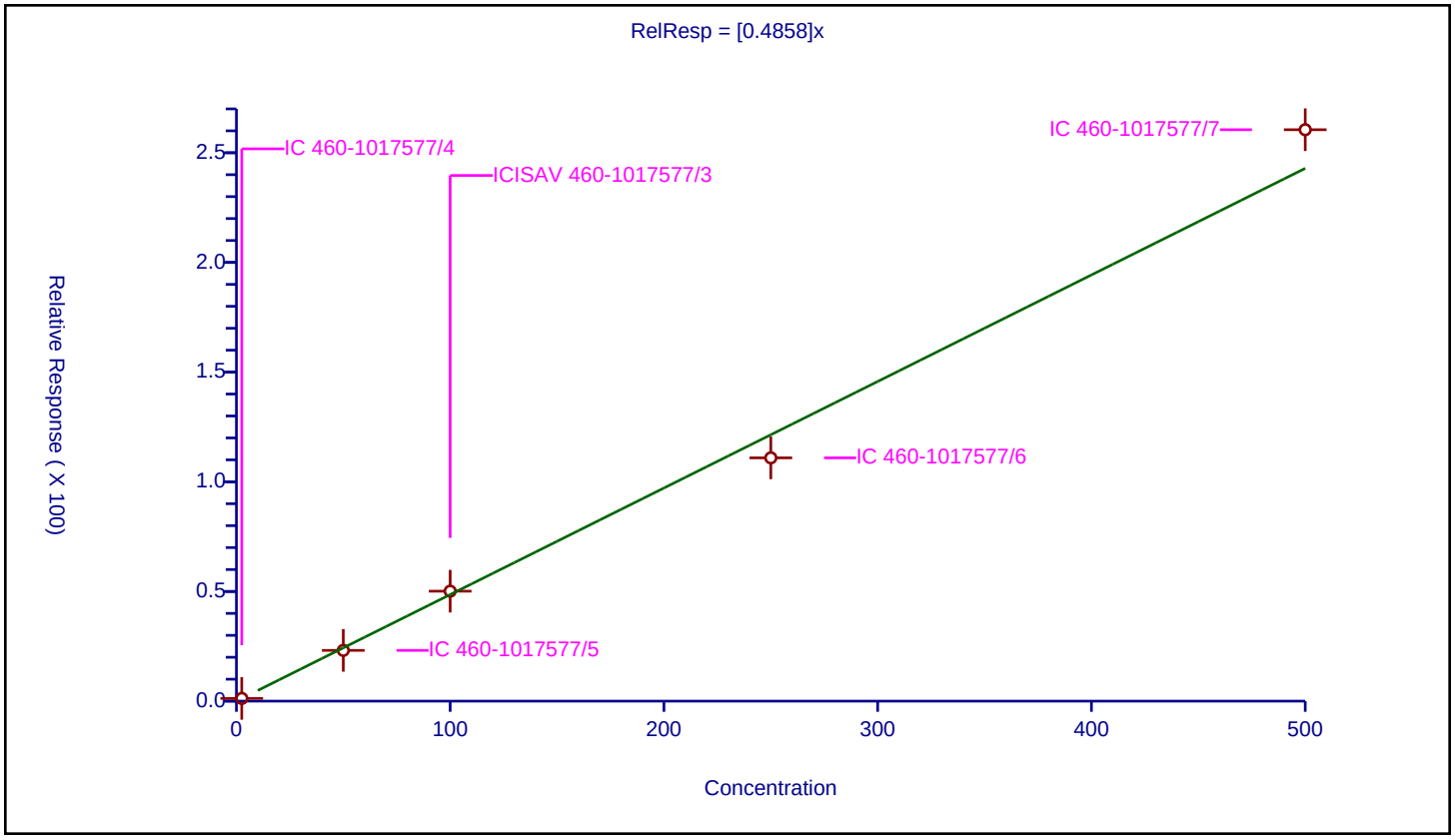
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4858 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.250202 | 100.0 | 141590844.0 | 0.500081 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 23.139055 | 100.0 | 159912058.0 | 0.462781 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 50.130743 | 100.0 | 139713564.0 | 0.501307 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 110.91268 | 100.0 | 165444405.0 | 0.443651 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 260.49947 | 100.0 | 120740784.0 | 0.520999 | Y |



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## Calibration / Mirex

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

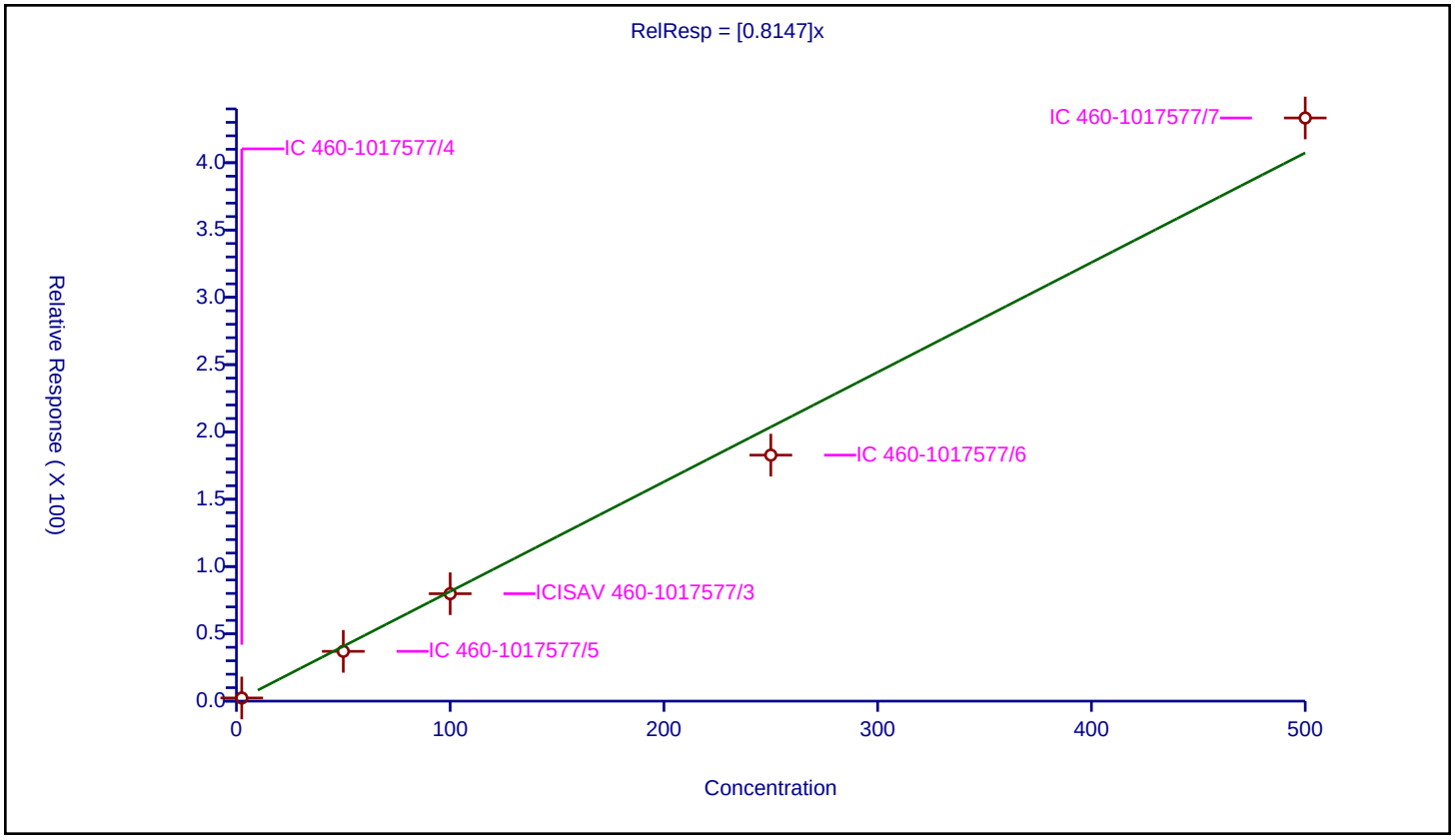
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.344476 | 100.0 | 141590844.0 | 0.93779 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 36.999838 | 100.0 | 159912058.0 | 0.739997 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 79.809297 | 100.0 | 139713564.0 | 0.798093 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 182.777439 | 100.0 | 165444405.0 | 0.73111 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 433.257019 | 100.0 | 120740784.0 | 0.866514 | Y |



## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

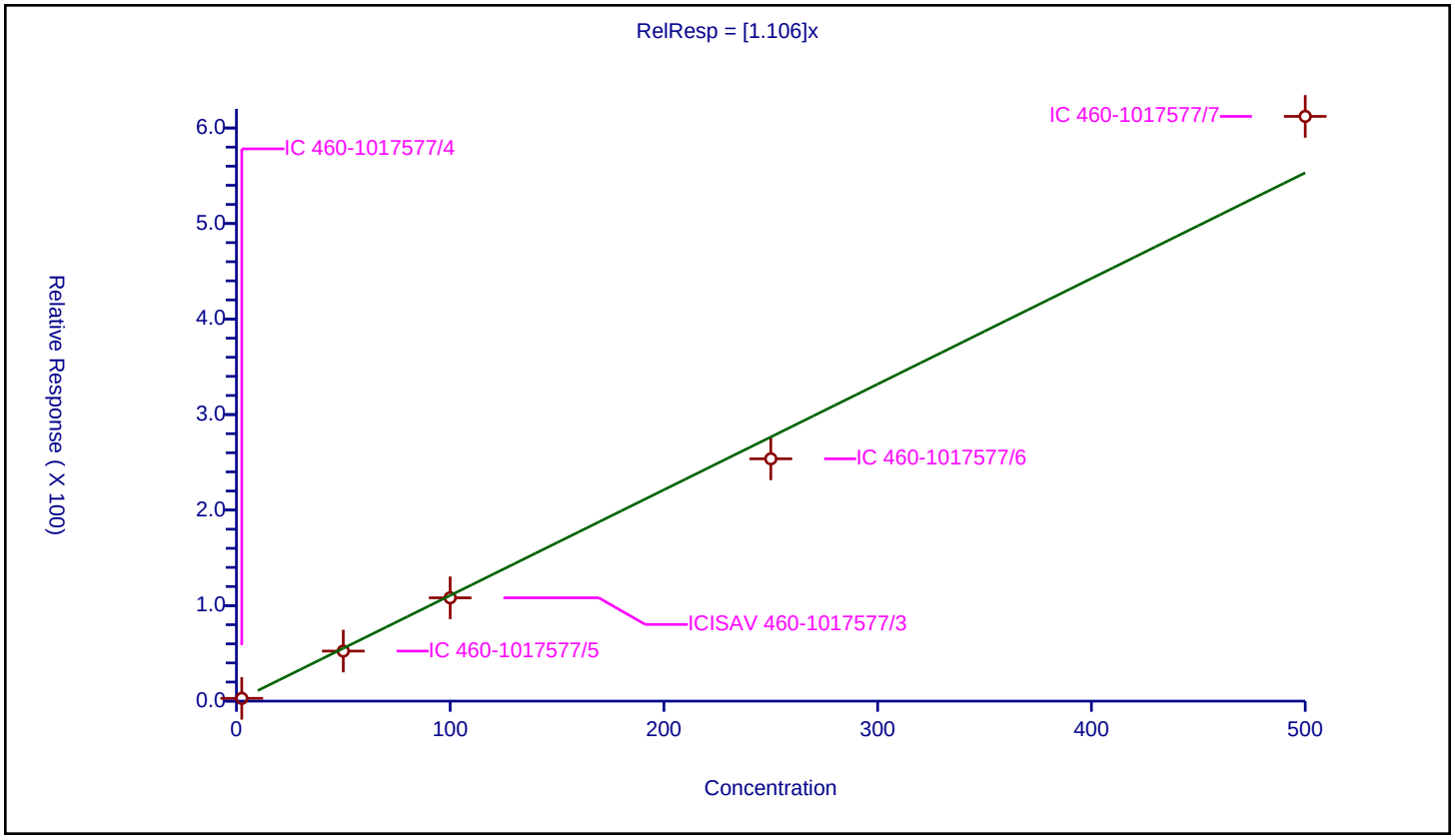
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.106 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.905512 | 100.0 | 141590844.0 | 1.162205 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 52.409929 | 100.0 | 159912058.0 | 1.048199 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 108.170963 | 100.0 | 139713564.0 | 1.08171 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 253.679723 | 100.0 | 165444405.0 | 1.014719 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 612.158147 | 100.0 | 120740784.0 | 1.224316 | Y |



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## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

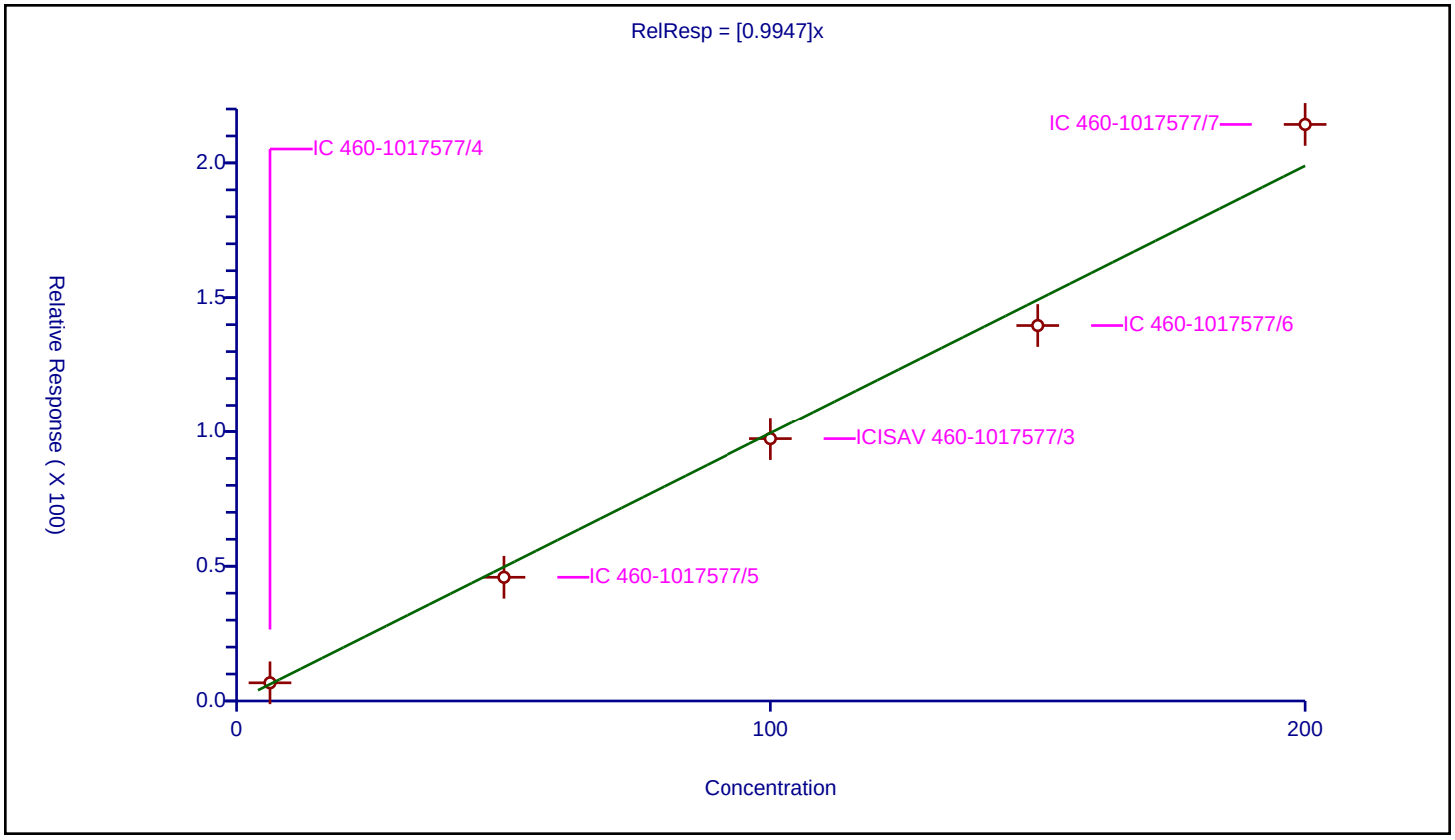
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9947 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 6.25 | 6.745841 | 100.0 | 141590844.0 | 1.079335 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 45.897992 | 100.0 | 159912058.0 | 0.91796 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 97.344767 | 100.0 | 139713564.0 | 0.973448 | Y |
| 4 | IC 460-1017577/6 | 150.0 | 139.670009 | 100.0 | 165444405.0 | 0.931133 | Y |
| 5 | IC 460-1017577/7 | 200.0 | 214.278588 | 100.0 | 120740784.0 | 1.071393 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017577

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 09:50 Calibration End Date: 01/22/2025 10:39 Calibration ID: 99944

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017577/4 | 12F0068053.D |
| Level 2 | IC 460-1017577/5 | 12F0068054.D |
| Level 3 | ICISAV 460-1017577/3 | 12F0068052.D |
| Level 4 | IC 460-1017577/6 | 12F0068055.D |
| Level 5 | IC 460-1017577/7 | 12F0068056.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.4951 | 1.7058 | 1.9277 | 1.8823 | 2.3193 | Ave | | 1.8660 | | | | 16.4 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.6209 | 1.7675 | 1.9875 | 1.9387 | 2.3196 | Ave | | 1.9269 | | | | 13.7 | | 20.0 | | | |
| beta-BHC | 0.5856 | 0.5859 | 0.6442 | 0.5947 | 0.6392 | Ave | | 0.6099 | | | | 4.8 | | 20.0 | | | |
| delta-BHC | 1.2368 | 1.3965 | 1.6079 | 1.5337 | 1.7748 | Ave | | 1.5099 | | | | 13.6 | | 20.0 | | | |
| Heptachlor | 1.2361 | 1.2320 | 1.4238 | 1.2630 | 1.3746 | Ave | | 1.3059 | | | | 6.7 | | 20.0 | | | |
| Aldrin | 1.3704 | 1.5025 | 1.7055 | 1.5828 | 1.7521 | Ave | | 1.5827 | | | | 9.8 | | 20.0 | | | |
| Heptachlor epoxide | 1.2158 | 1.2201 | 1.3904 | 1.2672 | 1.3580 | Ave | | 1.2903 | | | | 6.2 | | 20.0 | | | |
| trans-Chlordane | 1.1673 | 1.1848 | 1.3695 | 1.2792 | 1.3615 | Ave | | 1.2725 | | | | 7.5 | | 20.0 | | | |
| cis-Chlordane | 1.2092 | 1.1709 | 1.3635 | 1.2393 | 1.3281 | Ave | | 1.2622 | | | | 6.4 | | 20.0 | | | |
| 4,4'-DDE | 1.3207 | 1.4217 | 1.6417 | 1.5068 | 1.6409 | Ave | | 1.5063 | | | | 9.3 | | 20.0 | | | |
| Endosulfan I | 1.0512 | 1.1148 | 1.3252 | 1.1455 | 1.1936 | Ave | | 1.1661 | | | | 8.8 | | 20.0 | | | |
| Dieldrin | 1.2008 | 1.2935 | 1.4910 | 1.3435 | 1.4601 | Ave | | 1.3578 | | | | 8.8 | | 20.0 | | | |
| Endrin | 0.7667 | 1.0456 | 1.2336 | 1.1112 | 1.2922 | Ave | | 1.0899 | | | | 18.8 | | 20.0 | | | |
| 4,4'-DDD | 0.6464 | 0.9230 | 1.0876 | 0.9849 | 1.0675 | Ave | | 0.9419 | | | | 18.9 | | 20.0 | | | |
| Endosulfan II | 0.9003 | 0.9751 | 1.1621 | 1.0212 | 0.8139 | Ave | | 0.9745 | | | | 13.4 | | 20.0 | | | |
| 4,4'-DDT | 0.8022 | 0.8508 | 1.0263 | 0.9237 | 0.9898 | Ave | | 0.9186 | | | | 10.2 | | 20.0 | | | |
| Endrin aldehyde | 0.9002 | 0.8583 | 1.0178 | 0.8819 | 0.9792 | Ave | | 0.9275 | | | | 7.3 | | 20.0 | | | |
| Methoxychlor | 0.5863 | 0.4994 | 0.5978 | 0.4948 | 0.5240 | Ave | | 0.5405 | | | | 9.0 | | 20.0 | | | |
| Mirex | 0.9192 | 0.8169 | 0.9567 | 0.8356 | 0.8932 | Ave | | 0.8843 | | | | 6.6 | | 20.0 | | | |
| Endosulfan sulfate | 0.9961 | 1.0978 | 1.2811 | 1.1455 | 1.2583 | Ave | | 1.1558 | | | | 10.2 | | 20.0 | | | |
| Endrin ketone | 1.1285 | 1.1522 | 1.3243 | 1.1825 | 1.2851 | Ave | | 1.2145 | | | | 7.1 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.2886 | 1.2324 | 1.3877 | 1.3105 | 1.3934 | Ave | | 1.3225 | | | | 5.2 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.4933 | 1.3467 | 1.6172 | 1.4341 | 1.4623 | Ave | | 1.4707 | | | | 6.7 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017577

SDG No.:

Instrument ID: CPESTGC12 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 09:50 | Calibration End Date: 01/22/2025 10:39 | Calibration ID: 99944

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017577/4 | 12F0068053.D |
| Level 2 | IC 460-1017577/5 | 12F0068054.D |
| Level 3 | ICISAV 460-1017577/3 | 12F0068052.D |
| Level 4 | IC 460-1017577/6 | 12F0068055.D |
| Level 5 | IC 460-1017577/7 | 12F0068056.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 14515063 | 372638001 | 673868502 | 2121369393 | 4288624561 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 15736517 | 386111347 | 694788929 | 2184940941 | 4289169088 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 5685502 | 127993498 | 225202488 | 670272210 | 1181865379 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 12007565 | 305061342 | 562093736 | 1728428596 | 3281789118 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 12000568 | 269125040 | 497724698 | 1423404668 | 2541803718 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 13304213 | 328227243 | 596220366 | 1783797744 | 3239902270 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 11802862 | 266524716 | 486059031 | 1428078491 | 2511088172 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 11332857 | 258810419 | 478742314 | 1441683026 | 2517537074 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 11739693 | 255780718 | 476661348 | 1396642809 | 2455724907 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 12821400 | 310566146 | 573887490 | 1698127969 | 3034118665 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 10205772 | 243533170 | 463246734 | 1291018715 | 2207153617 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 11657667 | 282572829 | 521231302 | 1514172100 | 2699900971 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 7443003 | 228415091 | 431250281 | 1252298692 | 2389485439 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 6275793 | 201640211 | 380215529 | 1110011600 | 1973969249 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 8740202 | 213011349 | 406235015 | 1150901437 | 1505062211 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 7788113 | 185847978 | 358770184 | 1041061025 | 1830325414 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 8739696 | 187501773 | 355816313 | 993871188 | 1810697152 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 5691970 | 109089356 | 208978540 | 557661974 | 968885344 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 8923977 | 178456873 | 334426062 | 941736784 | 1651673219 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 9669950 | 239807535 | 447860874 | 1291022726 | 2326816110 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 10955279 | 251706446 | 462954665 | 1332654197 | 2376227281 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 31274171 | 269222099 | 485095821 | 886138411 | 1030654161 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 36244134 | 294194372 | 565348790 | 969721808 | 1081556854 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Lims ID: ICISAV
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 22-Jan-2025 09:50:17 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:25 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 22-Jan-2025 10:10:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.516 | 0.000 | 139713564 | 100.0 | 100.0 | |
| 2 | 1.443 | 1.443 | 0.000 | 349577491 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 171263668 | 100.0 | 96.6 | |
| 2 | 1.819 | 1.819 | 0.000 | 485095821 | 100.0 | 104.9 | |
| | | | | | | RPD = 8.23 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 227298754 | 100.0 | 96.2 | |
| 2 | 2.137 | 2.137 | 0.000 | 673868502 | 100.0 | 103.3 | |
| | | | | | | RPD = 7.16 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 196394514 | 100.0 | 96.2 | M |
| 2 | 2.332 | 2.332 | 0.000 | 694788929 | 100.0 | 103.1 | |
| | | | | | | RPD = 6.94 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 84381882 | 100.0 | 95.2 | M |
| 2 | 2.381 | 2.381 | 0.000 | 225202488 | 100.0 | 105.6 | |
| | | | | | | RPD = 10.37 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.109 | 3.109 | 0.000 | 185414304 | 100.0 | 93.7 | |
| 2 | 2.502 | 2.502 | 0.000 | 562093736 | 100.0 | 106.5 | |
| | | | | | | RPD = 12.79 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.197 | 3.197 | 0.000 | 164331440 | 100.0 | 95.2 | |
| 2 | 2.657 | 2.657 | 0.000 | 497724698 | 100.0 | 109.0 | |
| | | | | | | RPD = 13.59 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 197146011 | 100.0 | 95.0 | |
| 2 | 2.889 | 2.889 | 0.000 | 596220366 | 100.0 | 107.8 | |
| | | | | | | RPD = 12.62 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.231 | 4.231 | 0.000 | 158974324 | 100.0 | 95.6 | |
| 2 | 3.440 | 3.440 | 0.000 | 486059031 | 100.0 | 107.8 | |
| | | | | | | RPD = 11.93 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 155285266 | 100.0 | 94.3 | |
| 2 | 3.575 | 3.575 | 0.000 | 478742314 | 100.0 | 107.6 | |
| | | | | | | RPD = 13.22 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.652 | 4.652 | 0.000 | 157606980 | 100.0 | 95.7 | M |
| 2 | 3.726 | 3.726 | 0.000 | 476661348 | 100.0 | 108.0 | |
| | | | | | | RPD = 12.15 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 149526198 | 100.0 | 97.6 | M |
| 2 | 3.883 | 3.883 | 0.000 | 463246734 | 100.0 | 113.6 | |
| | | | | | | RPD = 15.17 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.851 | 4.851 | 0.000 | 175316135 | 100.0 | 96.7 | |
| 2 | 3.824 | 3.824 | 0.000 | 573887490 | 100.0 | 109.0 | |
| | | | | | | RPD = 11.92 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 175866104 | 100.0 | 98.2 | |
| 2 | 4.160 | 4.160 | 0.000 | 521231302 | 100.0 | 109.8 | |
| | | | | | | RPD = 11.19 | |
| 20 Endrin | | | | | | | |
| 1 | 5.319 | 5.319 | 0.000 | 150290237 | 100.0 | 99.8 | |
| 2 | 4.423 | 4.423 | 0.000 | 431250281 | 100.0 | 113.2 | |
| | | | | | | RPD = 12.61 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.437 | 5.437 | 0.000 | 150272246 | 100.0 | 95.2 | |
| 2 | 4.522 | 4.522 | 0.000 | 380215529 | 100.0 | 115.5 | |
| | | | | | | RPD = 19.22 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.526 | 5.526 | 0.000 | 144712929 | 100.0 | 103.1 | |
| 2 | 4.680 | 4.680 | 0.000 | 406235015 | 100.0 | 119.2 | |
| | | | | | | RPD = 14.54 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.788 | 5.788 | 0.000 | 123050070 | 100.0 | 97.8 | |
| 2 | 4.830 | 4.830 | 0.000 | 358770184 | 100.0 | 111.7 | |
| | | | | | | RPD = 13.31 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 110750836 | 100.0 | 97.1 | |
| 2 | 5.092 | 5.092 | 0.000 | 355816313 | 100.0 | 109.7 | |
| | | | | | | RPD = 12.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.294 | 6.294 | 0.000 | 137173360 | 100.0 | 96.9 | |
| 2 | 5.489 | 5.489 | 0.000 | 447860874 | 100.0 | 110.8 | |
| | | | | | | RPD = 13.41 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.906 | 6.906 | 0.000 | 70039448 | 100.0 | 103.2 | |
| 2 | 5.306 | 5.306 | 0.000 | 208978540 | 100.0 | 110.6 | |
| | | | | | | RPD = 6.93 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 111504413 | 100.0 | 98.0 | |
| 2 | 5.376 | 5.376 | 0.000 | 334426062 | 100.0 | 108.2 | |
| | | | | | | RPD = 9.91 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 151129507 | 100.0 | 97.8 | |
| 2 | 5.767 | 5.767 | 0.000 | 462954665 | 100.0 | 109.0 | |
| | | | | | | RPD = 10.89 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.333 | 8.333 | 0.000 | 136003844 | 100.0 | 97.9 | |
| 2 | 7.364 | 7.364 | 0.000 | 565348790 | 100.0 | 110.0 | |
| | | | | | | RPD = 11.64 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

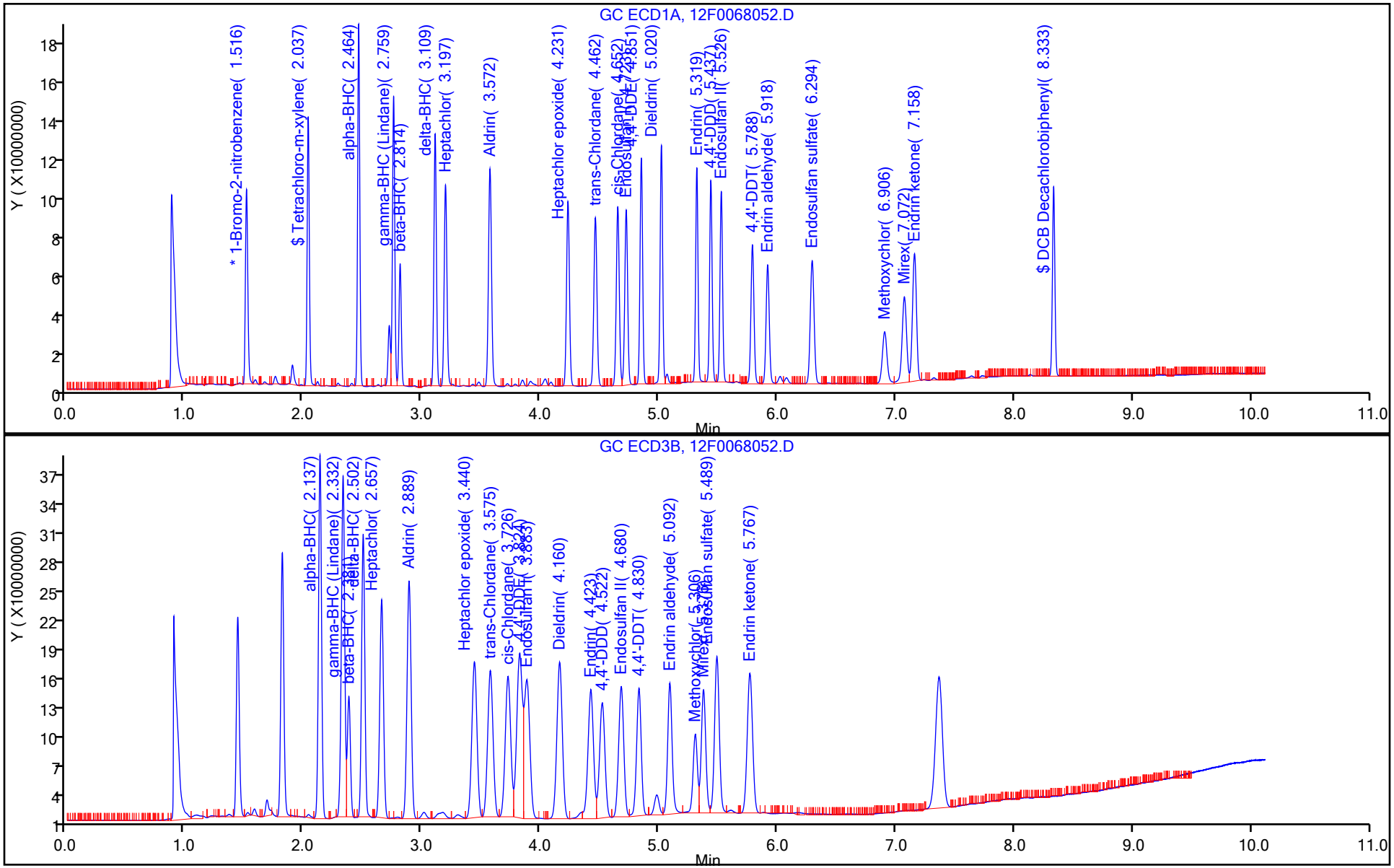
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 09:50:17 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | ICISAV | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

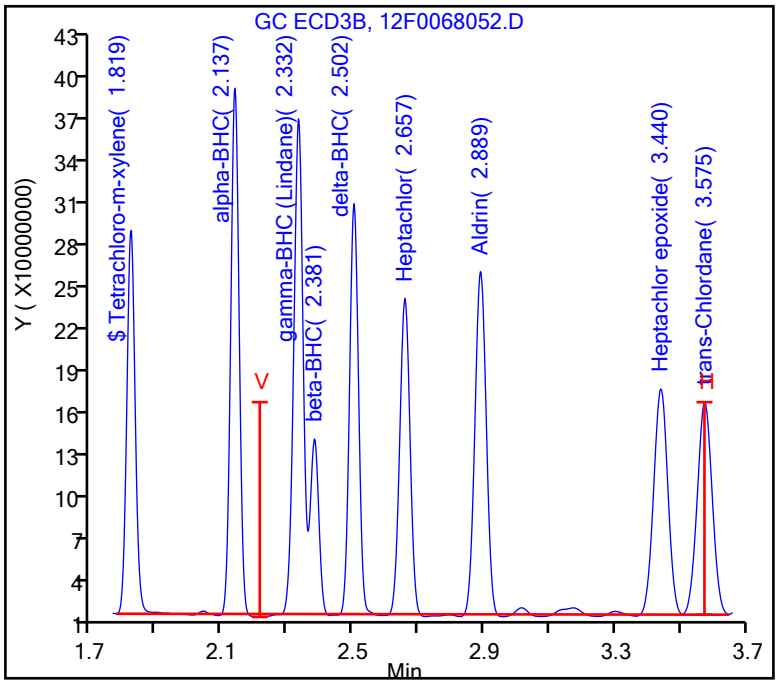
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 151876992
H(Smaller Peak Height) = 150266368

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

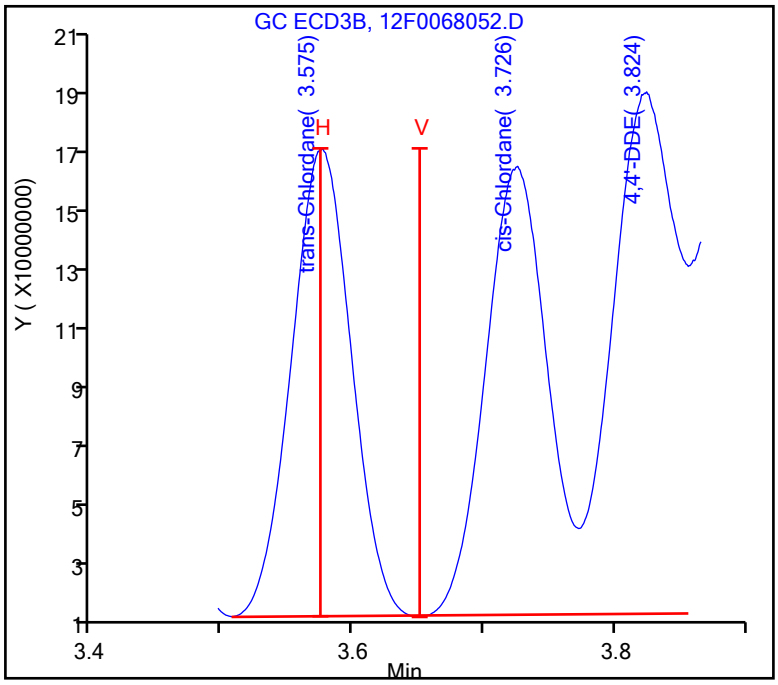
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 150021120
H(Smaller Peak Height) = 150243136

%Resolution = 99.9, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

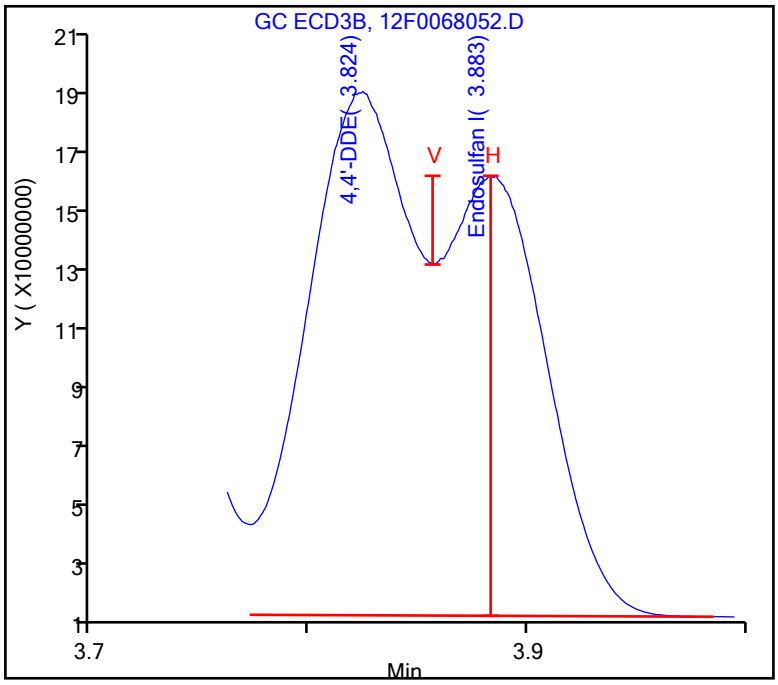
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 28630064
H(Smaller Peak Height) = 142002288

%Resolution = 20.2, Min. Resolution > 60.0
Failed



Resolution Report

Eurofins Edison

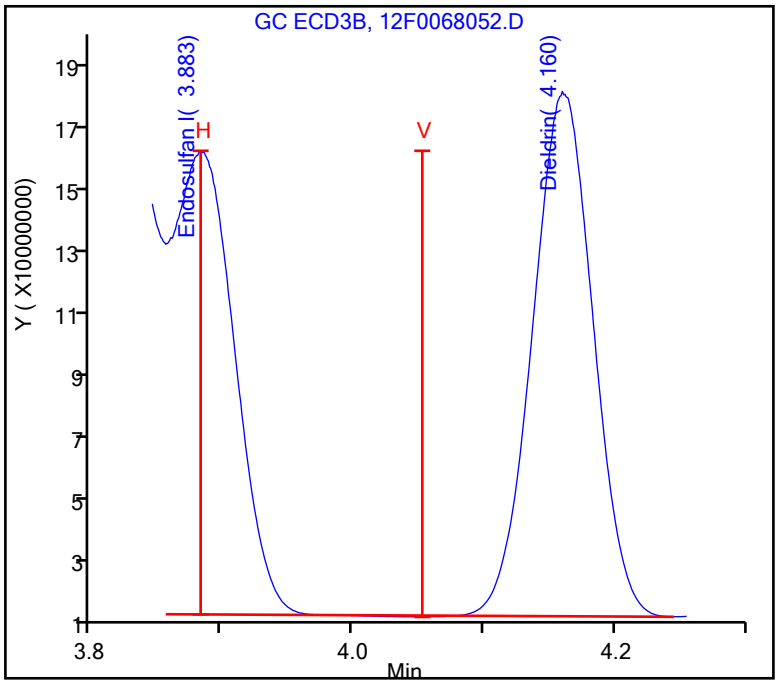
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 142818656
H(Smaller Peak Height) = 142041968

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

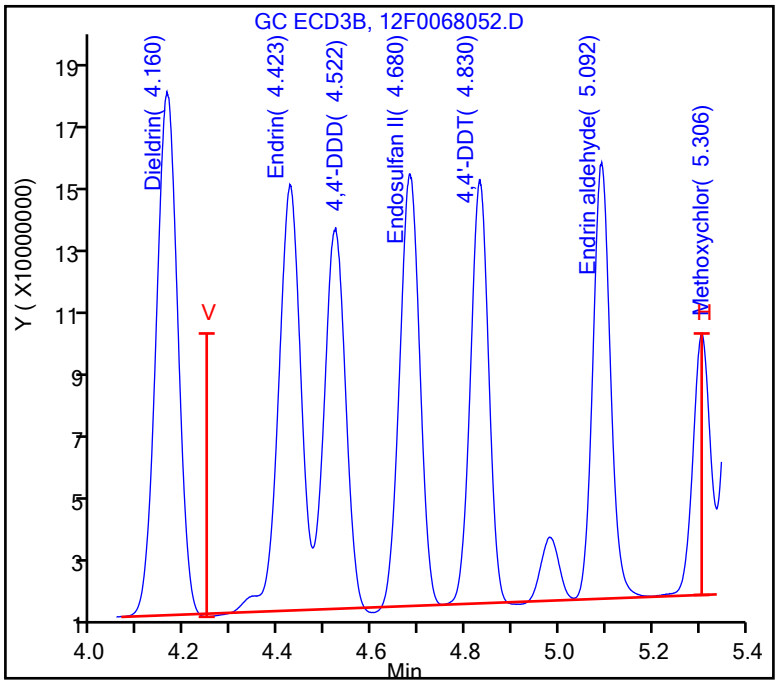
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 86812520
H(Smaller Peak Height) = 80117600

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

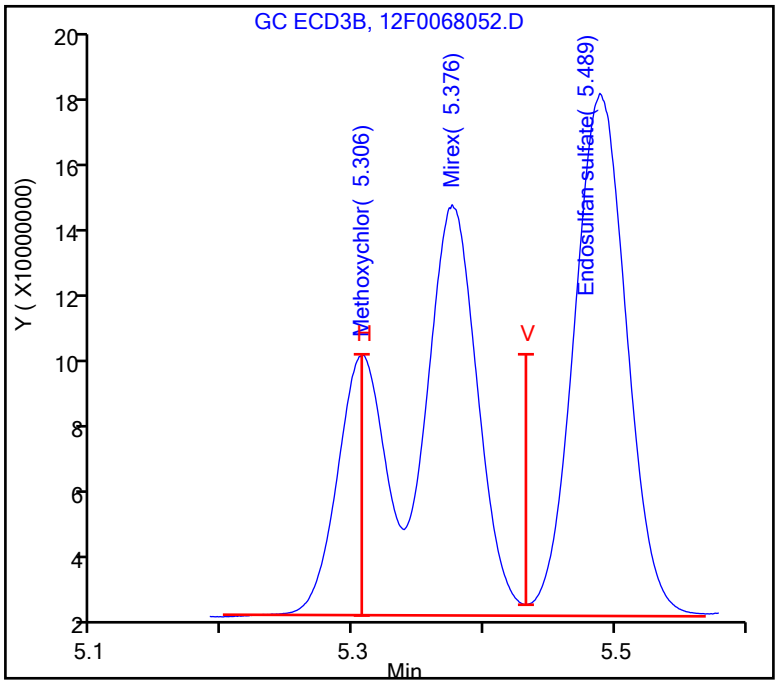
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 76847488
H(Smaller Peak Height) = 81026904

%Resolution = 94.8, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

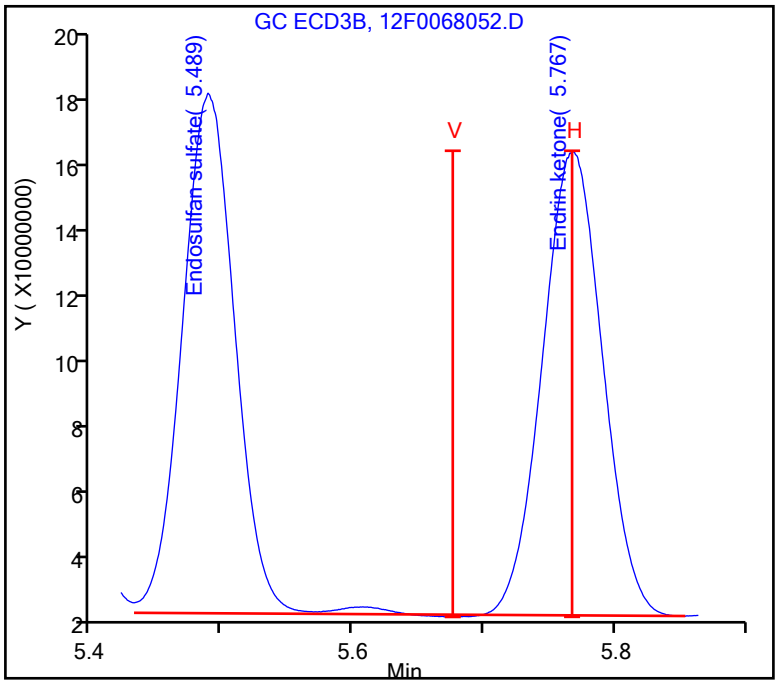
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 143520384
H(Smaller Peak Height) = 143486272

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

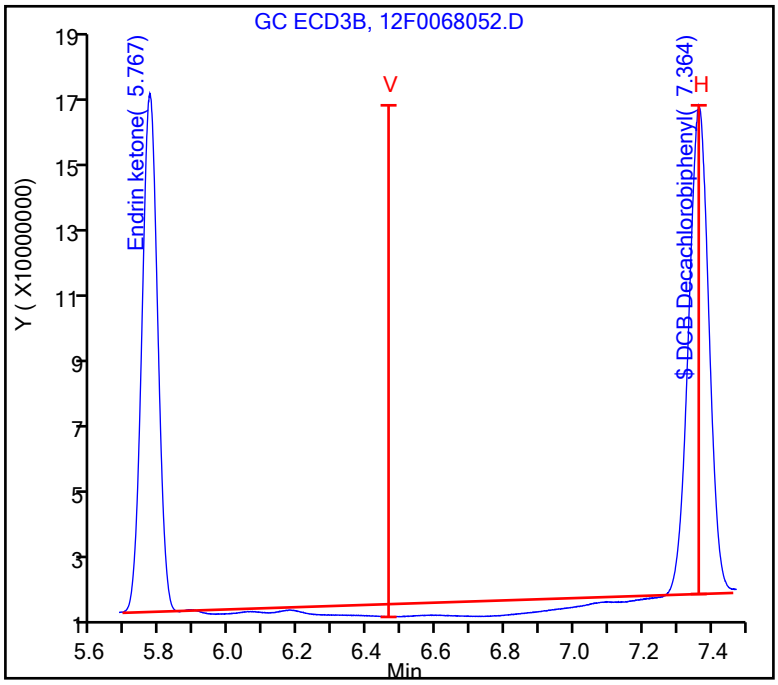
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 141479872
H(Smaller Peak Height) = 135148128

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Jan-2025 10:02:34 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:34 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:47:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.516 | 0.001 | 141590844 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 388330125 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 11427958 | 6.25 | 6.36 | |
| 2 | 1.819 | 1.819 | 0.000 | 31274171 | 6.25 | 6.09 | |
| | | | | | | RPD = 4.38 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 5455930 | 2.50 | 2.28 | |
| 2 | 2.135 | 2.137 | -0.002 | 14515063 | 2.50 | 2.00 | |
| | | | | | | RPD = 12.82 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 4757998 | 2.50 | 2.30 | |
| 2 | 2.333 | 2.332 | 0.001 | 15736517 | 2.50 | 2.10 | M |
| | | | | | | RPD = 8.96 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.813 | 2.814 | -0.001 | 2271590 | 2.50 | 2.53 | |
| 2 | 2.382 | 2.381 | 0.001 | 5685502 | 2.50 | 2.40 | M |
| | | | | | | RPD = 5.22 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.110 | 3.109 | 0.001 | 4621929 | 2.50 | 2.30 | |
| 2 | 2.500 | 2.502 | -0.002 | 12007565 | 2.50 | 2.05 | |
| | | | | | | RPD = 11.79 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.196 | 3.197 | -0.001 | 4389904 | 2.50 | 2.51 | |
| 2 | 2.657 | 2.657 | 0.000 | 12000568 | 2.50 | 2.37 | |
| | | | | | | RPD = 5.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 4984490 | 2.50 | 2.37 | |
| 2 | 2.889 | 2.889 | 0.000 | 13304213 | 2.50 | 2.16 | |
| | | | | | | RPD = 9.03 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.232 | 4.231 | 0.001 | 4134139 | 2.50 | 2.45 | |
| 2 | 3.441 | 3.440 | 0.001 | 11802862 | 2.50 | 2.36 | |
| | | | | | | RPD = 4.08 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.463 | 4.462 | 0.001 | 4026965 | 2.50 | 2.41 | |
| 2 | 3.576 | 3.575 | 0.001 | 11332857 | 2.50 | 2.29 | |
| | | | | | | RPD = 5.06 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 3961741 | 2.50 | 2.37 | |
| 2 | 3.726 | 3.726 | 0.000 | 11739693 | 2.50 | 2.40 | M |
| | | | | | | RPD = 0.94 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 3744228 | 2.50 | 2.41 | |
| 2 | 3.886 | 3.883 | 0.003 | 10205772 | 2.50 | 2.25 | M |
| | | | | | | RPD = 6.78 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.850 | 4.851 | -0.001 | 4254062 | 2.50 | 2.32 | M |
| 2 | 3.827 | 3.824 | 0.003 | 12821400 | 2.50 | 2.19 | M |
| | | | | | | RPD = 5.50 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 5.019 | 5.020 | -0.001 | 4165703 | 2.50 | 2.29 | M |
| 2 | 4.159 | 4.160 | -0.001 | 11657667 | 2.50 | 2.21 | |
| | | | | | | RPD = 3.72 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.318 | 5.319 | -0.001 | 3652513 | 2.50 | 2.39 | M |
| 2 | 4.426 | 4.423 | 0.003 | 7443003 | 2.50 | 1.76 | |
| | | | | | | RPD = 30.53 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.437 | 5.437 | 0.000 | 3670691 | 2.50 | 2.30 | M |
| 2 | 4.521 | 4.522 | -0.001 | 6275793 | 2.50 | 1.72 | |
| | | | | | | RPD = 28.89 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.525 | 5.526 | -0.001 | 3735902 | 2.50 | 2.63 | M |
| 2 | 4.683 | 4.680 | 0.003 | 8740202 | 2.50 | 2.31 | |
| | | | | | | RPD = 12.82 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.788 | 5.788 | 0.000 | 3041192 | 2.50 | 2.38 | |
| 2 | 4.831 | 4.830 | 0.001 | 7788113 | 2.50 | 2.18 | |
| | | | | | | RPD = 8.82 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.916 | 5.918 | -0.002 | 2911486 | 2.50 | 2.52 | |
| 2 | 5.092 | 5.092 | 0.000 | 8739696 | 2.50 | 2.43 | |
| | | | | | | RPD = 3.74 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.293 | 6.294 | -0.001 | 3701178 | 2.50 | 2.58 | |
| 2 | 5.486 | 5.489 | -0.003 | 9669950 | 2.50 | 2.15 | M |
| | | | | | | RPD = 17.98 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.909 | 6.906 | 0.003 | 1770172 | 2.50 | 2.57 | M |
| 2 | 5.307 | 5.306 | 0.001 | 5691970 | 2.50 | 2.71 | M |
| | | | | | | RPD = 5.24 | |
| 34 Mirex | | | | | | | M |
| 1 | 7.073 | 7.072 | 0.001 | 3319563 | 2.50 | 2.88 | |
| 2 | 5.376 | 5.376 | 0.000 | 8923977 | 2.50 | 2.60 | M |
| | | | | | | RPD = 10.19 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 4113939 | 2.50 | 2.63 | |
| 2 | 5.765 | 5.767 | -0.002 | 10955279 | 2.50 | 2.32 | |
| | | | | | | RPD = 12.27 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.338 | 8.333 | 0.005 | 9551493 | 6.25 | 6.78 | |
| 2 | 7.366 | 7.364 | 0.002 | 36244134 | 6.25 | 6.35 | |
| | | | | | | RPD = 6.64 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

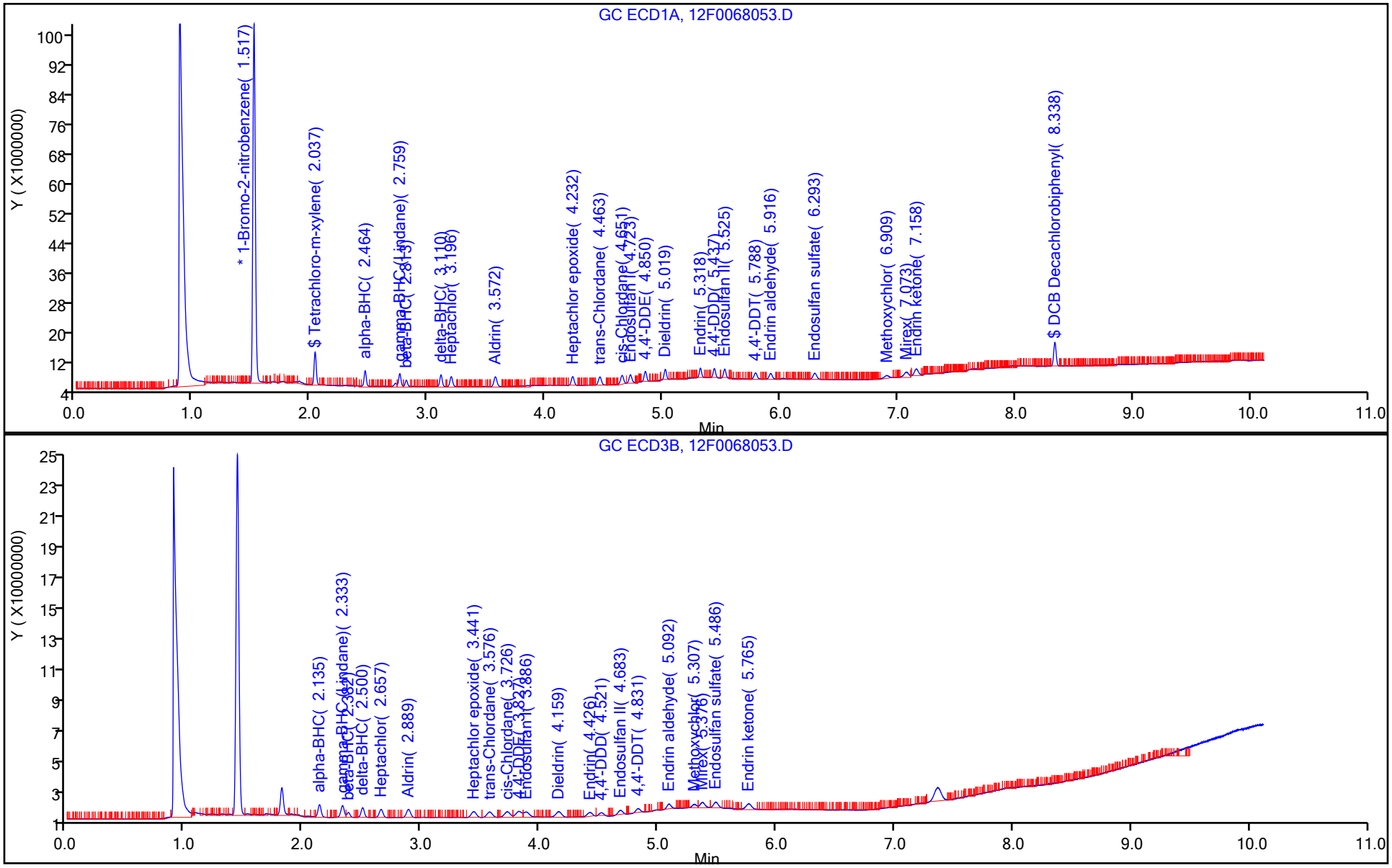
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:36 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:02:34 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

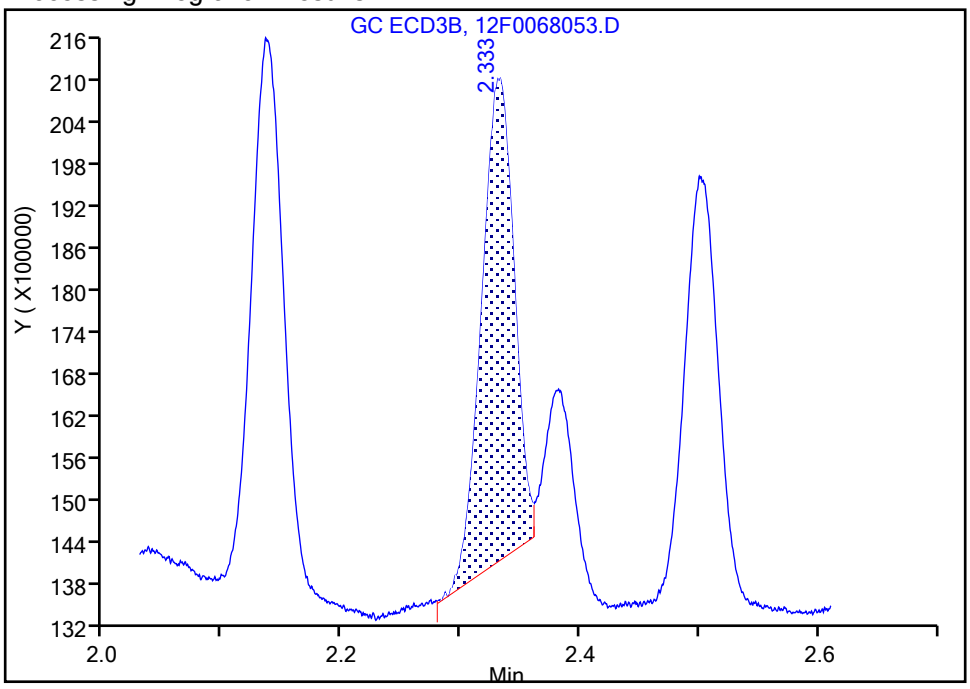
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

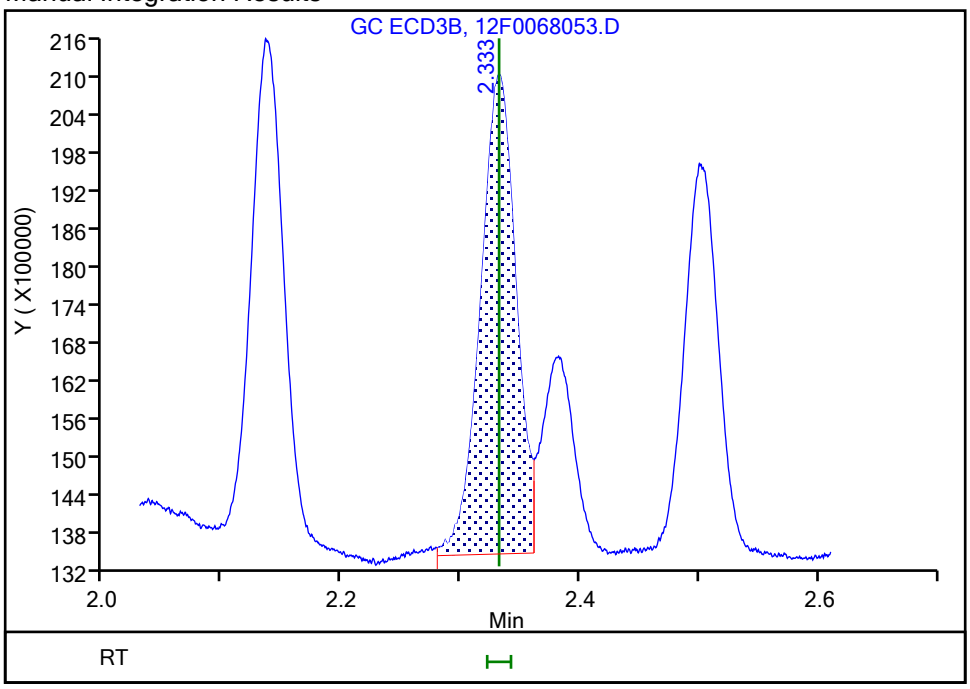
Processing Integration Results

RT: 2.33
Area: 13077368
Amount: 1.800175
Amount Units: ug/l




Manual Integration Results

RT: 2.33
Area: 15736517
Amount: 2.103094
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

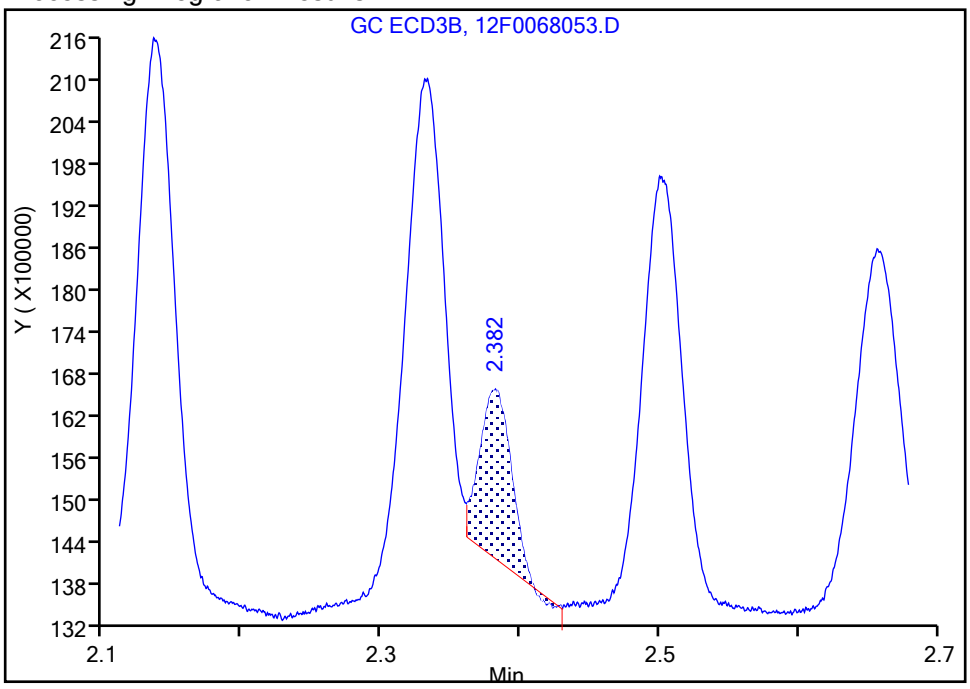
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

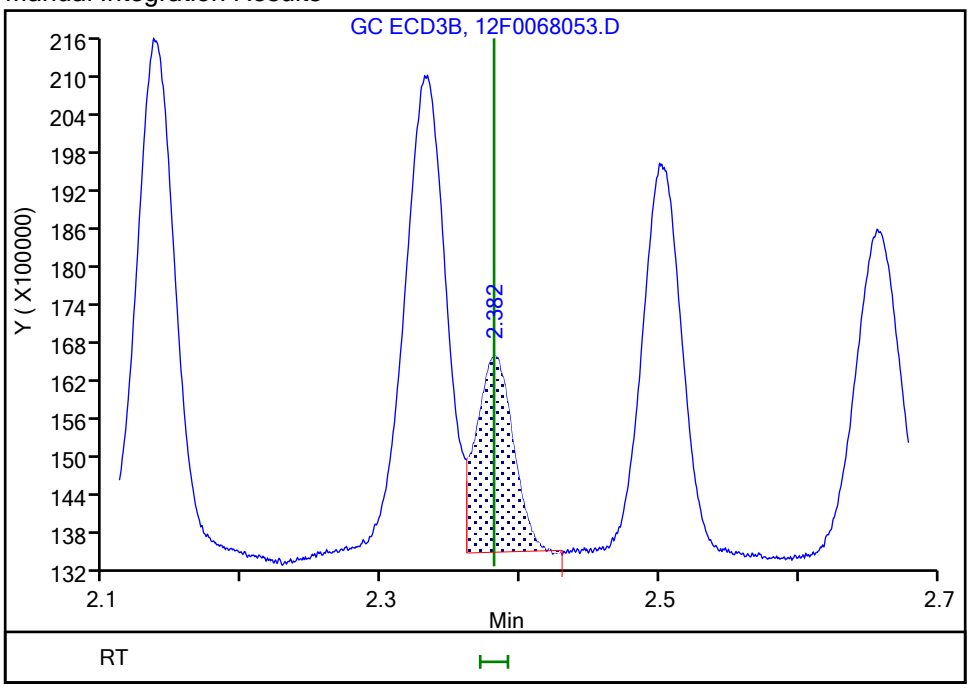
Processing Integration Results

RT: 2.38
Area: 3970059
Amount: 1.782031
Amount Units: ug/l




Manual Integration Results

RT: 2.38
Area: 5685502
Amount: 2.400414
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

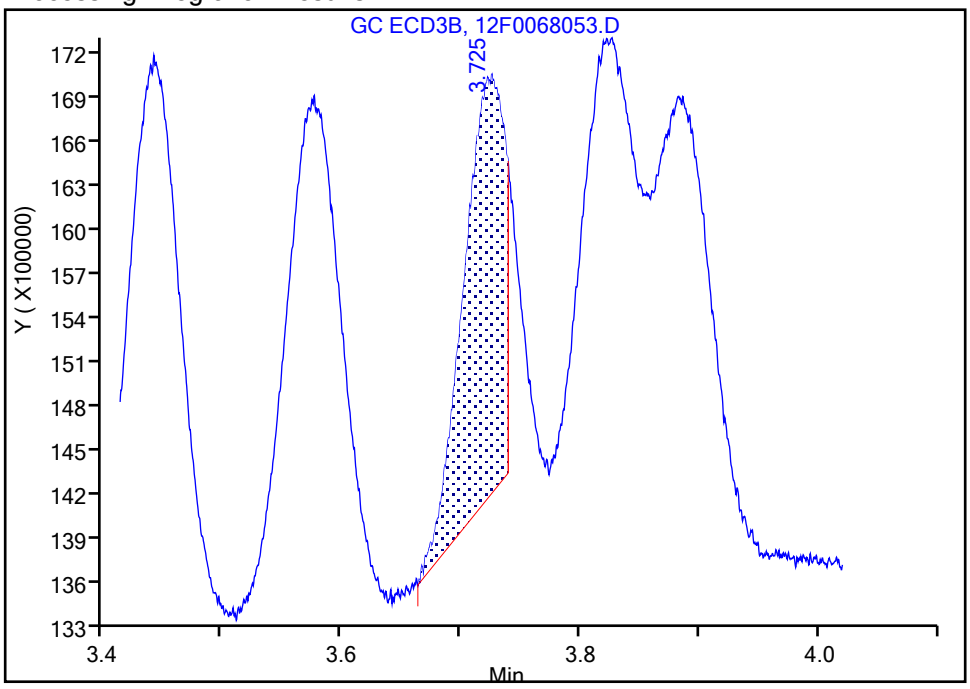
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

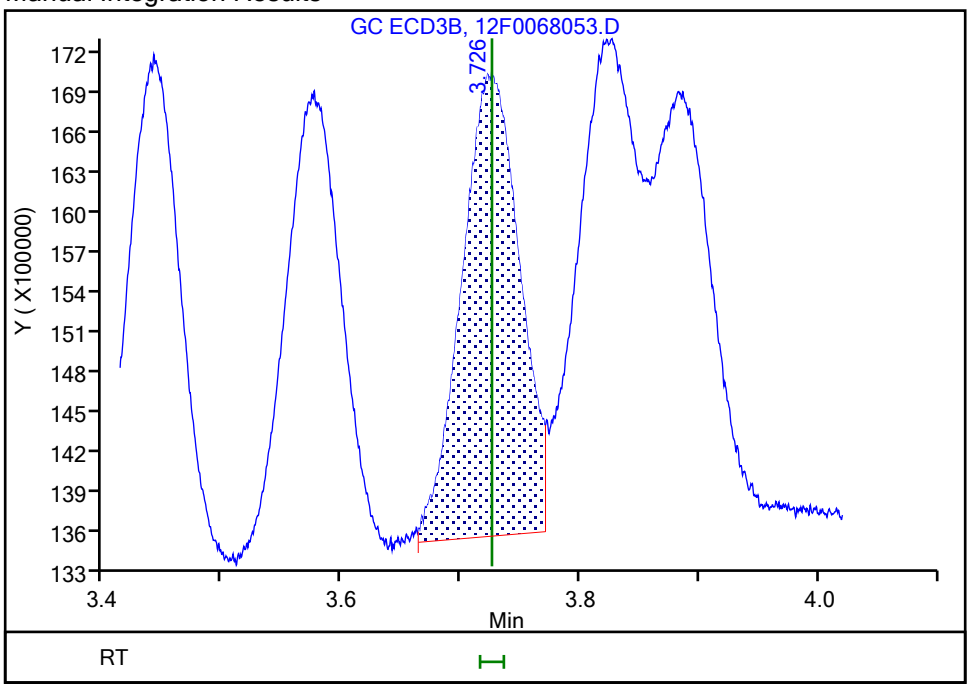
Processing Integration Results

RT: 3.73
Area: 6784481
Amount: 5.454364
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 11739693
Amount: 2.395125
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:42 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

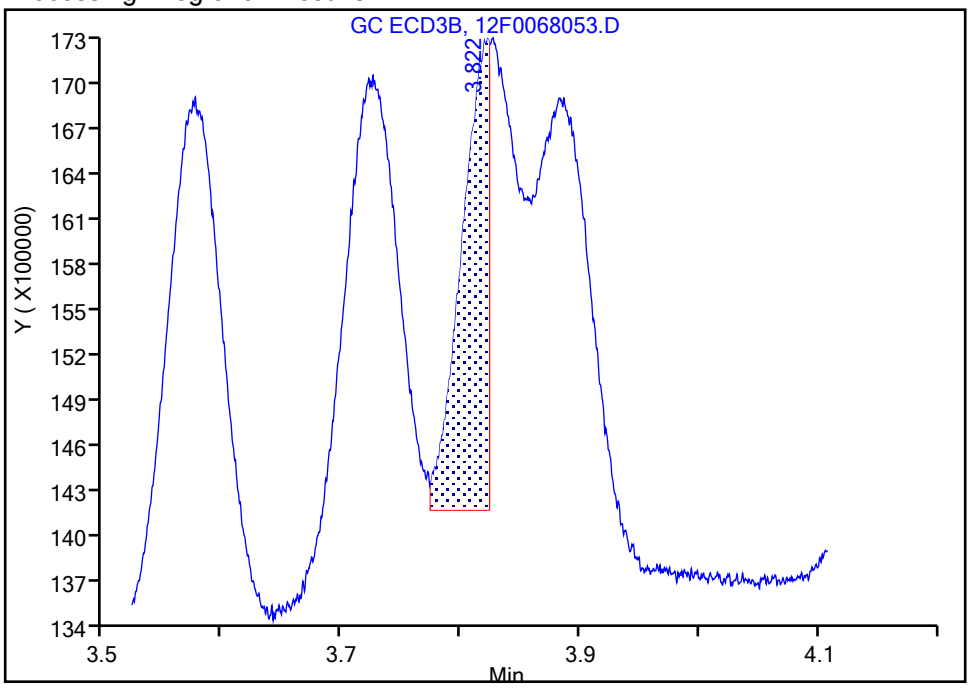
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

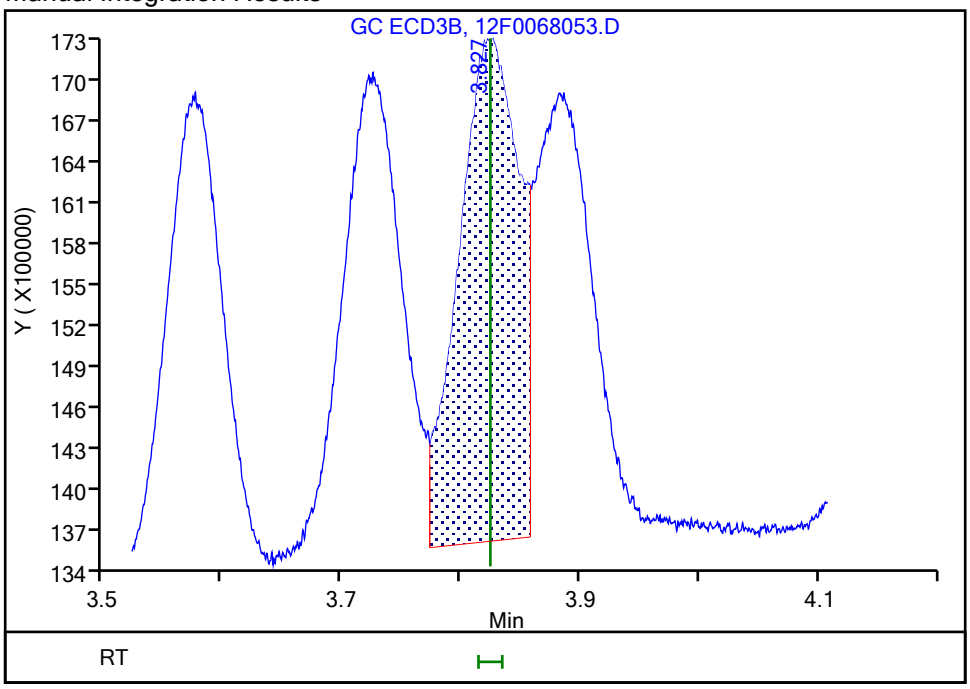
Processing Integration Results

RT: 3.82
Area: 4831158
Amount: 6.376704
Amount Units: ug/l




Manual Integration Results

RT: 3.83
Area: 12821400
Amount: 2.191871
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:42 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

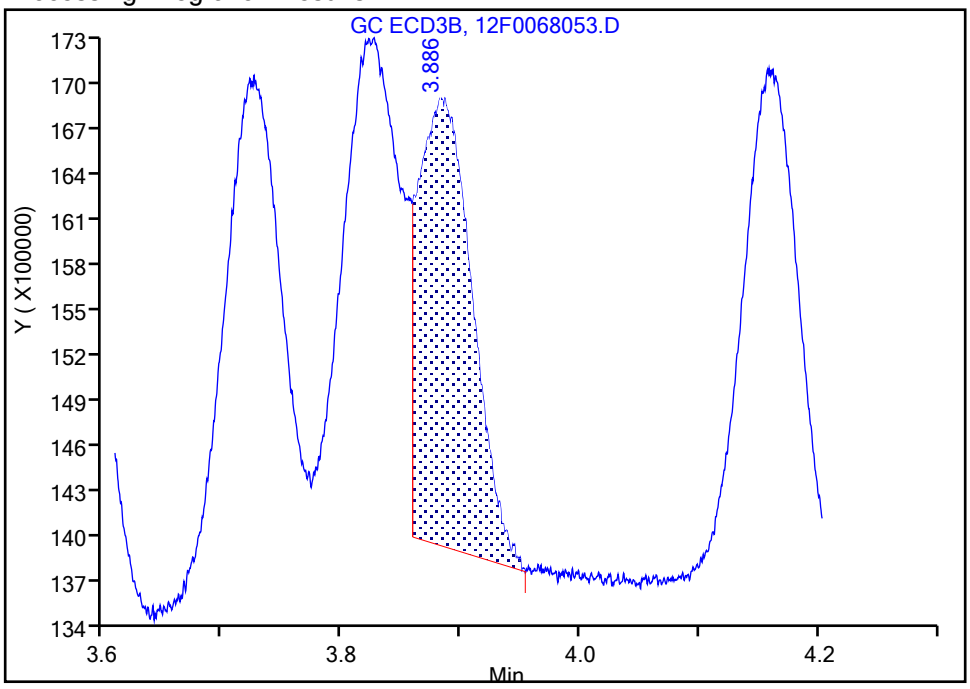
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

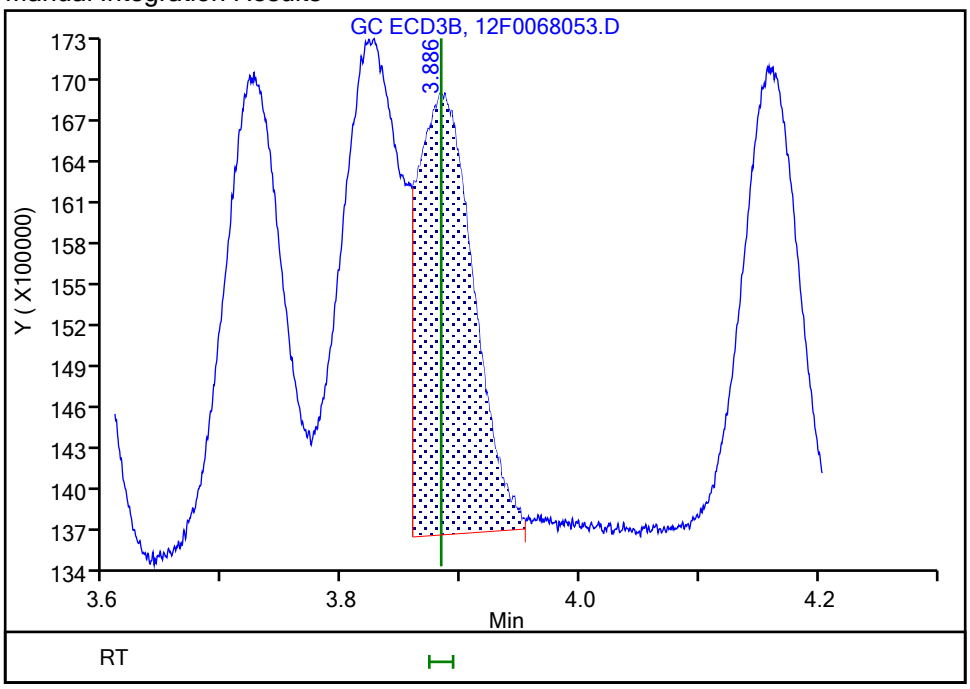
RT: 3.89
Area: 9130474
Amount: 2.056791
Amount Units: ug/l

Processing Integration Results




RT: 3.89
Area: 10205772
Amount: 2.253805
Amount Units: ug/l

Manual Integration Results




Reviewer: ESS0, 23-Jan-2025 02:47:42 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

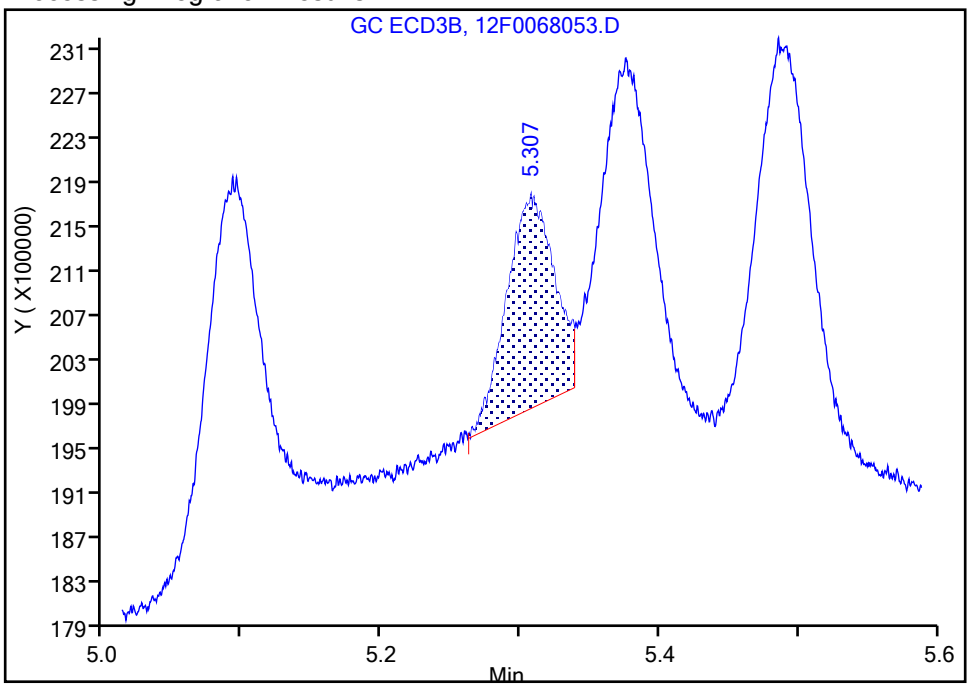
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

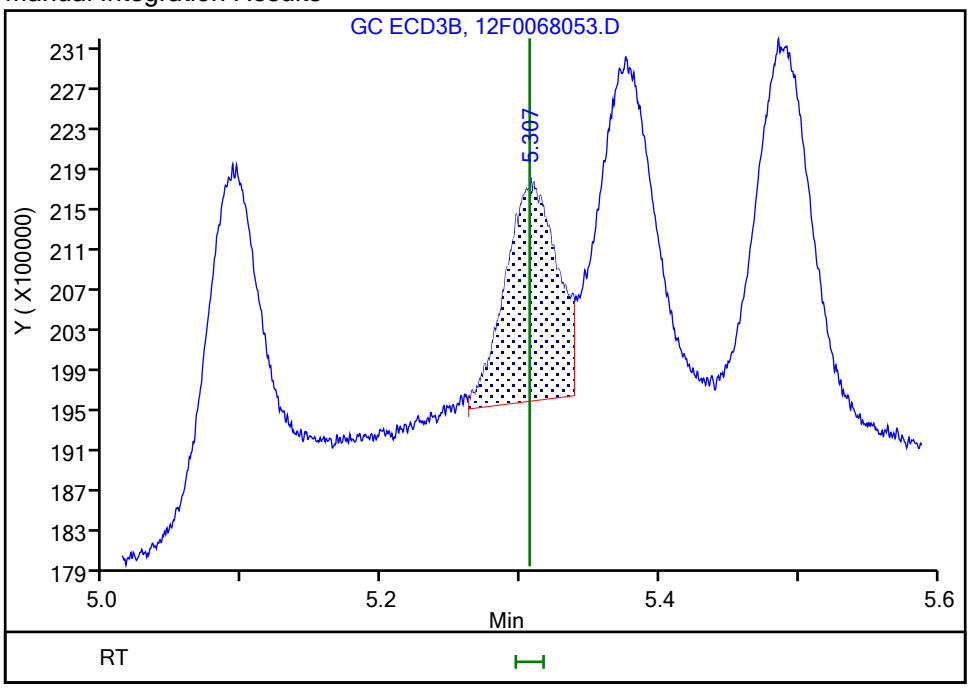
Processing Integration Results

RT: 5.31
Area: 4585813
Amount: 2.281204
Amount Units: ug/l




Manual Integration Results

RT: 5.31
Area: 5691970
Amount: 2.712073
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:49 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

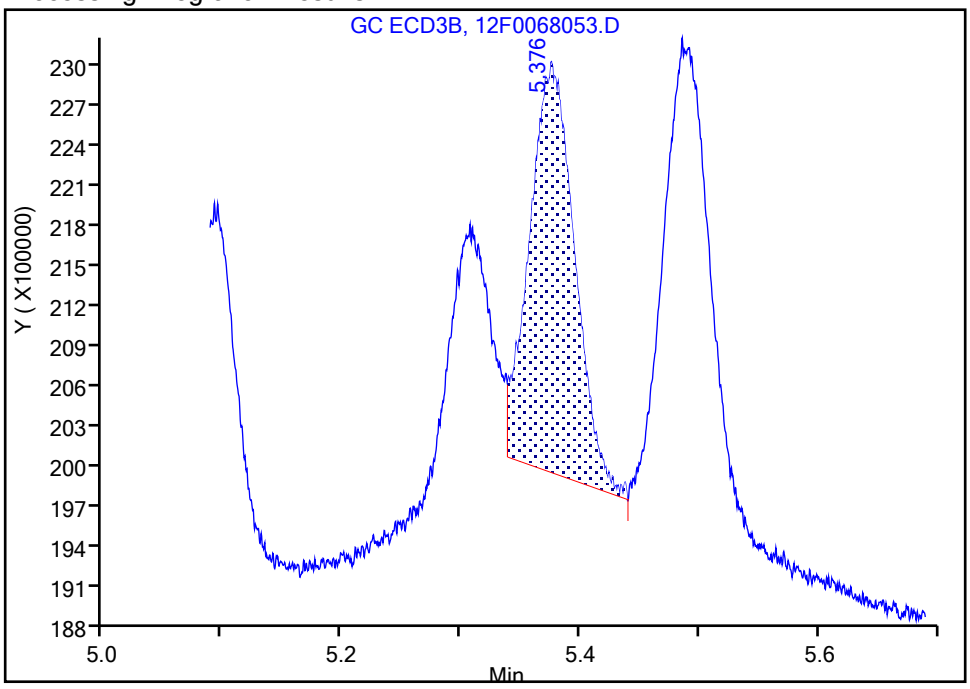
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

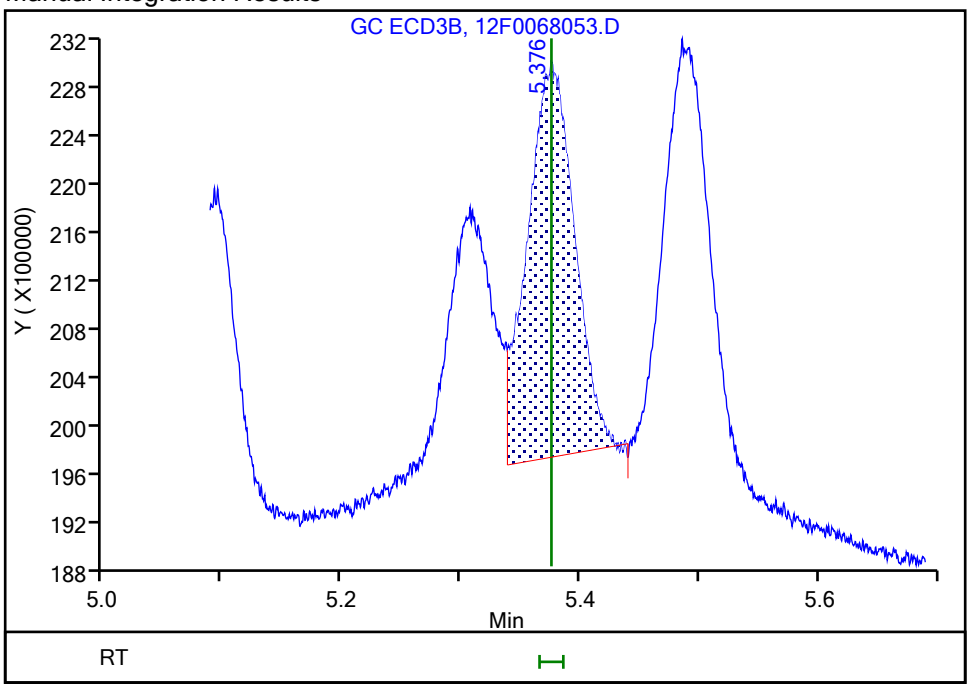
Processing Integration Results

RT: 5.38
Area: 8076450
Amount: 2.399201
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 8923977
Amount: 2.598628
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:49 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

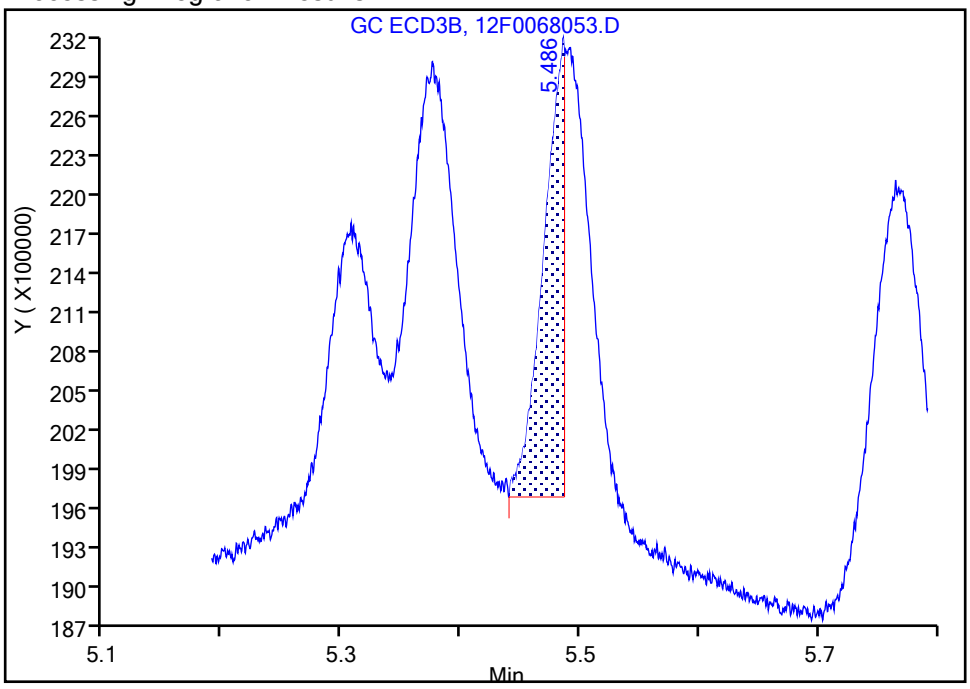
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068053.D
Injection Date: 22-Jan-2025 10:02:34 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

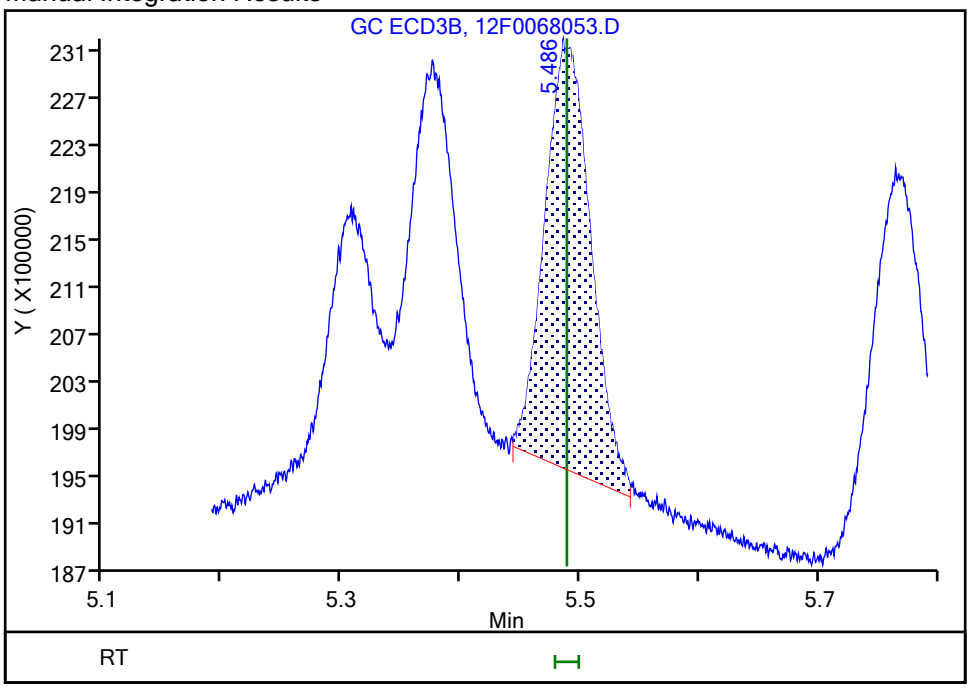
Processing Integration Results

RT: 5.49
Area: 4062867
Amount: 5.943177
Amount Units: ug/l




Manual Integration Results

RT: 5.49
Area: 9669950
Amount: 2.154523
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:47:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Jan-2025 10:14:48 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:43 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:48:43

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.516 | 0.000 | 159912058 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 436901293 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.036 | 2.037 | -0.001 | 94675234 | 50.0 | 46.7 | |
| 2 | 1.818 | 1.819 | -0.001 | 269222099 | 50.0 | 46.6 | |
| | | | | | | RPD = 0.16 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.463 | 2.464 | -0.001 | 130236620 | 50.0 | 48.1 | |
| 2 | 2.137 | 2.137 | 0.000 | 372638001 | 50.0 | 45.7 | |
| | | | | | | RPD = 5.18 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.758 | 2.759 | -0.001 | 113741747 | 50.0 | 48.7 | M |
| 2 | 2.332 | 2.332 | 0.000 | 386111347 | 50.0 | 45.9 | M |
| | | | | | | RPD = 5.98 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.813 | 2.814 | -0.001 | 49876942 | 50.0 | 49.2 | M |
| 2 | 2.381 | 2.381 | 0.000 | 127993498 | 50.0 | 48.0 | M |
| | | | | | | RPD = 2.34 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.108 | 3.109 | -0.001 | 108032697 | 50.0 | 47.7 | |
| 2 | 2.502 | 2.502 | 0.000 | 305061342 | 50.0 | 46.2 | |
| | | | | | | RPD = 3.09 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.196 | 3.197 | -0.001 | 95959413 | 50.0 | 48.5 | |
| 2 | 2.656 | 2.657 | -0.001 | 269125040 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 115801614 | 50.0 | 48.7 | |
| 2 | 2.888 | 2.889 | -0.001 | 328227243 | 50.0 | 47.5 | |
| | | | | | | RPD = 2.65 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.230 | 4.231 | -0.001 | 93117991 | 50.0 | 48.9 | |
| 2 | 3.440 | 3.440 | 0.000 | 266524716 | 50.0 | 47.3 | |
| | | | | | | RPD = 3.45 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 90625431 | 50.0 | 48.1 | |
| 2 | 3.576 | 3.575 | 0.001 | 258810419 | 50.0 | 46.6 | |
| | | | | | | RPD = 3.21 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 91571393 | 50.0 | 48.6 | M |
| 2 | 3.725 | 3.726 | -0.001 | 255780718 | 50.0 | 46.4 | |
| | | | | | | RPD = 4.58 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.722 | 4.723 | -0.001 | 84989318 | 50.0 | 48.5 | M |
| 2 | 3.884 | 3.883 | 0.001 | 243533170 | 50.0 | 47.8 | |
| | | | | | | RPD = 1.40 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.850 | 4.851 | -0.001 | 100055633 | 50.0 | 48.2 | M |
| 2 | 3.823 | 3.824 | -0.001 | 310566146 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.18 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 5.019 | 5.020 | -0.001 | 99981725 | 50.0 | 48.8 | M |
| 2 | 4.161 | 4.160 | 0.001 | 282572829 | 50.0 | 47.6 | |
| | | | | | | RPD = 2.35 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.318 | 5.319 | -0.001 | 83834476 | 50.0 | 48.6 | M |
| 2 | 4.425 | 4.423 | 0.002 | 228415091 | 50.0 | 48.0 | |
| | | | | | | RPD = 1.34 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.437 | 5.437 | 0.000 | 86440699 | 50.0 | 47.9 | M |
| 2 | 4.521 | 4.522 | -0.001 | 201640211 | 50.0 | 49.0 | |
| | | | | | | RPD = 2.36 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.526 | 5.526 | 0.000 | 81278096 | 50.0 | 50.6 | M |
| 2 | 4.681 | 4.680 | 0.001 | 213011349 | 50.0 | 50.0 | |
| | | | | | | RPD = 1.10 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 67913275 | 50.0 | 47.2 | |
| 2 | 4.832 | 4.830 | 0.002 | 185847978 | 50.0 | 46.3 | |
| | | | | | | RPD = 1.81 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.917 | 5.918 | -0.001 | 62215931 | 50.0 | 47.7 | |
| 2 | 5.091 | 5.092 | -0.001 | 187501773 | 50.0 | 46.3 | |
| | | | | | | RPD = 2.96 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.293 | 6.294 | -0.001 | 77528135 | 50.0 | 47.9 | |
| 2 | 5.488 | 5.489 | -0.001 | 239807535 | 50.0 | 47.5 | |
| | | | | | | RPD = 0.77 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.904 | 6.906 | -0.002 | 37002139 | 50.0 | 47.6 | |
| 2 | 5.306 | 5.306 | 0.000 | 109089356 | 50.0 | 46.2 | |
| | | | | | | RPD = 3.06 | |
| 34 Mirex | | | | | | | |
| 1 | 7.070 | 7.072 | -0.002 | 59167202 | 50.0 | 45.4 | |
| 2 | 5.375 | 5.376 | -0.001 | 178456873 | 50.0 | 46.2 | |
| | | | | | | RPD = 1.69 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.156 | 7.158 | -0.002 | 83809796 | 50.0 | 47.4 | |
| 2 | 5.767 | 5.767 | 0.000 | 251706446 | 50.0 | 47.4 | |
| | | | | | | RPD = 0.12 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.333 | 8.333 | 0.000 | 73396424 | 50.0 | 46.1 | |
| 2 | 7.365 | 7.364 | 0.001 | 294194372 | 50.0 | 45.8 | |
| | | | | | | RPD = 0.78 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

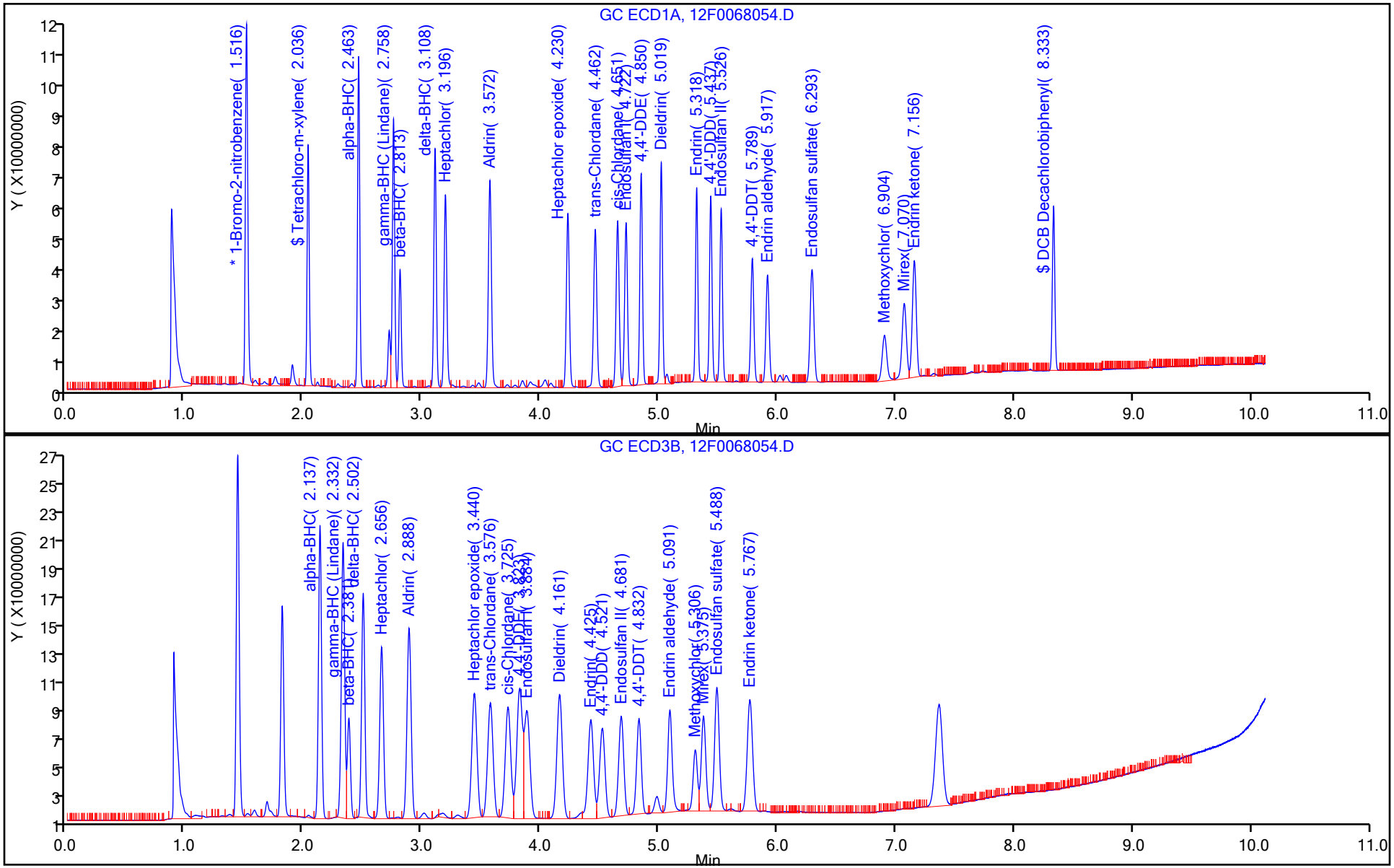
| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:45 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:14:48 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

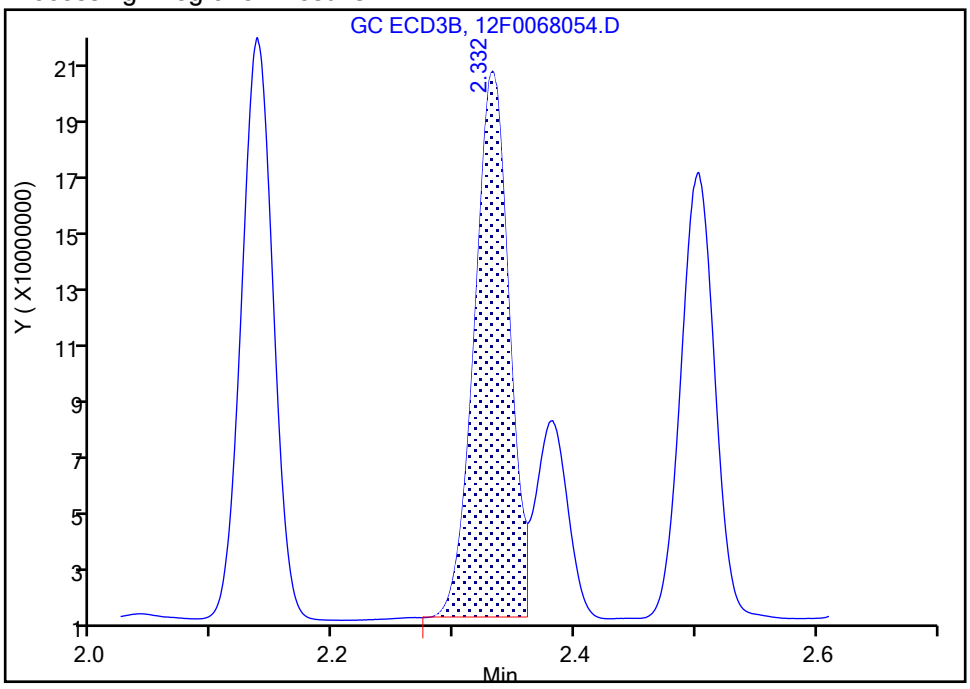
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

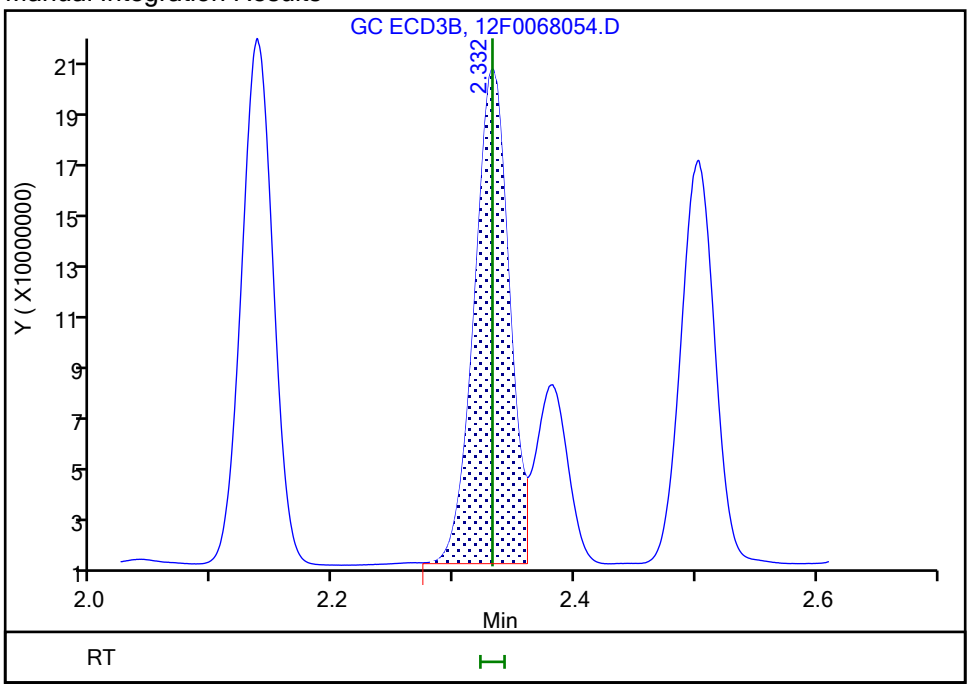
Processing Integration Results

RT: 2.33
Area: 384613352
Amount: 45.719497
Amount Units: ug/l




Manual Integration Results

RT: 2.33
Area: 386111347
Amount: 45.864898
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

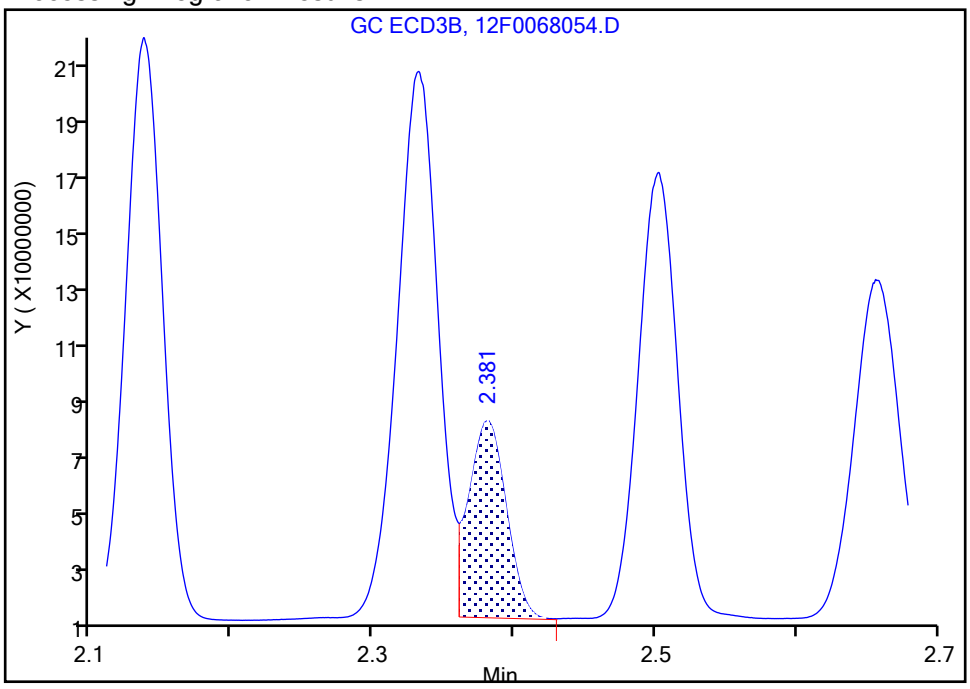
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068054.D
Injection Date: 22-Jan-2025 10:14:48 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

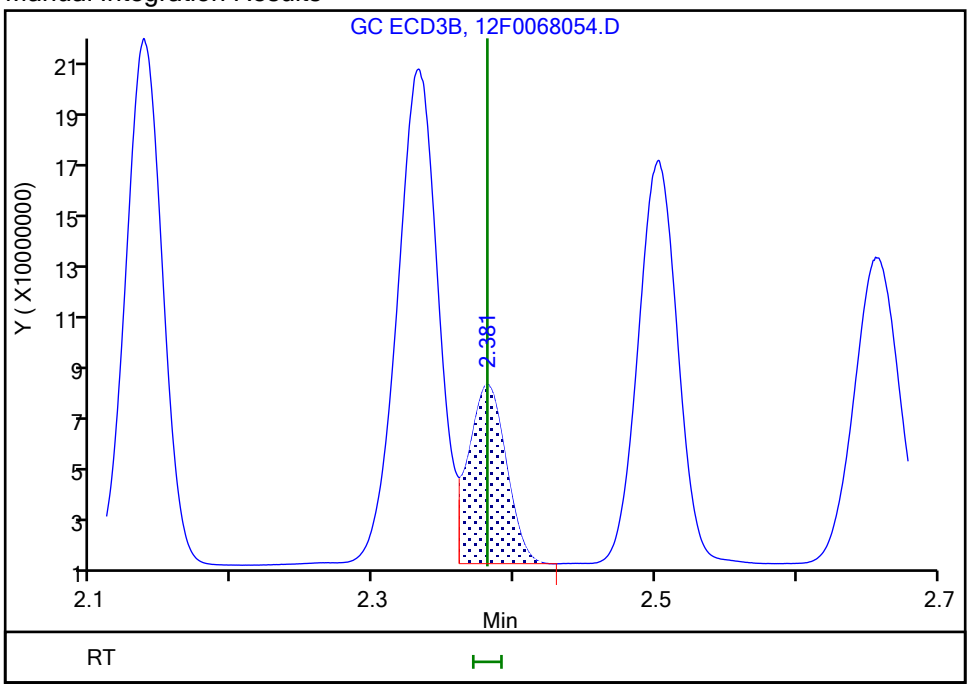
Processing Integration Results

RT: 2.38
Area: 127012966
Amount: 47.733455
Amount Units: ug/l




Manual Integration Results

RT: 2.38
Area: 127993498
Amount: 48.031156
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:48:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jan-2025 10:27:13 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-006
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:51 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:49:25

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.516 | 0.001 | 165444405 | 100.0 | 100.0 | |
| 2 | 1.443 | 1.443 | 0.000 | 450798560 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 303618072 | 150.0 | 144.7 | |
| 2 | 1.819 | 1.819 | 0.000 | 886138411 | 150.0 | 148.6 | |
| | | | | | | RPD = 2.71 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.464 | 2.464 | 0.000 | 692282033 | 250.0 | 247.3 | M |
| 2 | 2.138 | 2.137 | 0.001 | 2121369393 | 250.0 | 252.2 | |
| | | | | | | RPD = 1.95 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 590980982 | 250.0 | 244.5 | M |
| 2 | 2.333 | 2.332 | 0.001 | 2184940941 | 250.0 | 251.5 | |
| | | | | | | RPD = 2.83 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 247882911 | 250.0 | 236.2 | M |
| 2 | 2.382 | 2.381 | 0.001 | 670272210 | 250.0 | 243.8 | |
| | | | | | | RPD = 3.16 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.110 | 3.109 | 0.001 | 571321039 | 250.0 | 243.8 | M |
| 2 | 2.503 | 2.502 | 0.001 | 1728428596 | 250.0 | 253.9 | |
| | | | | | | RPD = 4.08 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.198 | 3.197 | 0.001 | 487558597 | 250.0 | 238.4 | M |
| 2 | 2.658 | 2.657 | 0.001 | 1423404668 | 250.0 | 241.8 | |
| | | | | | | RPD = 1.41 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | M |
| 1 | 3.573 | 3.572 | 0.001 | 598511475 | 250.0 | 243.5 | M |
| 2 | 2.890 | 2.889 | 0.001 | 1783797744 | 250.0 | 250.0 | |
| | | | | | | RPD = 2.65 | |
| 12 Heptachlor epoxide | | | | | | | M |
| 1 | 4.232 | 4.231 | 0.001 | 471111373 | 250.0 | 239.3 | |
| 2 | 3.443 | 3.440 | 0.003 | 1428078491 | 250.0 | 245.5 | M |
| | | | | | | RPD = 2.56 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.463 | 4.462 | 0.001 | 471627067 | 250.0 | 241.8 | |
| 2 | 3.577 | 3.575 | 0.002 | 1441683026 | 250.0 | 251.3 | M |
| | | | | | | RPD = 3.86 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.652 | 4.652 | 0.000 | 471120867 | 250.0 | 241.5 | M |
| 2 | 3.727 | 3.726 | 0.001 | 1396642809 | 250.0 | 245.5 | M |
| | | | | | | RPD = 1.64 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 438066051 | 250.0 | 241.5 | M |
| 2 | 3.885 | 3.883 | 0.002 | 1291018715 | 250.0 | 245.6 | M |
| | | | | | | RPD = 1.68 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.851 | 4.851 | 0.000 | 521857932 | 250.0 | 243.1 | |
| 2 | 3.825 | 3.824 | 0.001 | 1698127969 | 250.0 | 250.1 | M |
| | | | | | | RPD = 2.81 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 514084454 | 250.0 | 242.4 | |
| 2 | 4.162 | 4.160 | 0.002 | 1514172100 | 250.0 | 247.4 | |
| | | | | | | RPD = 2.05 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.319 | 5.319 | 0.000 | 426419219 | 250.0 | 239.0 | M |
| 2 | 4.424 | 4.423 | 0.001 | 1252298692 | 250.0 | 254.9 | |
| | | | | | | RPD = 6.42 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.438 | 5.437 | 0.001 | 444138869 | 250.0 | 237.7 | M |
| 2 | 4.522 | 4.522 | 0.000 | 1110011600 | 250.0 | 261.4 | |
| | | | | | | RPD = 9.52 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.526 | 5.526 | 0.000 | 415675997 | 250.0 | 250.0 | M |
| 2 | 4.681 | 4.680 | 0.001 | 1150901437 | 250.0 | 262.0 | |
| | | | | | | RPD = 4.66 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.790 | 5.788 | 0.002 | 359825719 | 250.0 | 241.5 | |
| 2 | 4.831 | 4.830 | 0.001 | 1041061025 | 250.0 | 251.4 | |
| | | | | | | RPD = 4.03 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 313916505 | 250.0 | 232.4 | |
| 2 | 5.091 | 5.092 | -0.001 | 993871188 | 250.0 | 237.7 | |
| | | | | | | RPD = 2.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.294 | 6.294 | 0.000 | 388456713 | 250.0 | 231.8 | |
| 2 | 5.489 | 5.489 | 0.000 | 1291022726 | 250.0 | 247.8 | |
| | | | | | | RPD = 6.68 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.905 | 6.906 | -0.001 | 183498824 | 250.0 | 228.3 | |
| 2 | 5.309 | 5.306 | 0.003 | 557661974 | 250.0 | 228.9 | |
| | | | | | | RPD = 0.25 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 302395046 | 250.0 | 224.3 | |
| 2 | 5.377 | 5.376 | 0.001 | 941736784 | 250.0 | 236.2 | |
| | | | | | | RPD = 5.16 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 419698908 | 250.0 | 229.3 | |
| 2 | 5.770 | 5.767 | 0.003 | 1332654197 | 250.0 | 243.4 | |
| | | | | | | RPD = 5.96 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.336 | 8.333 | 0.003 | 231076216 | 150.0 | 140.4 | |
| 2 | 7.365 | 7.364 | 0.001 | 969721808 | 150.0 | 146.3 | |
| | | | | | | RPD = 4.08 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

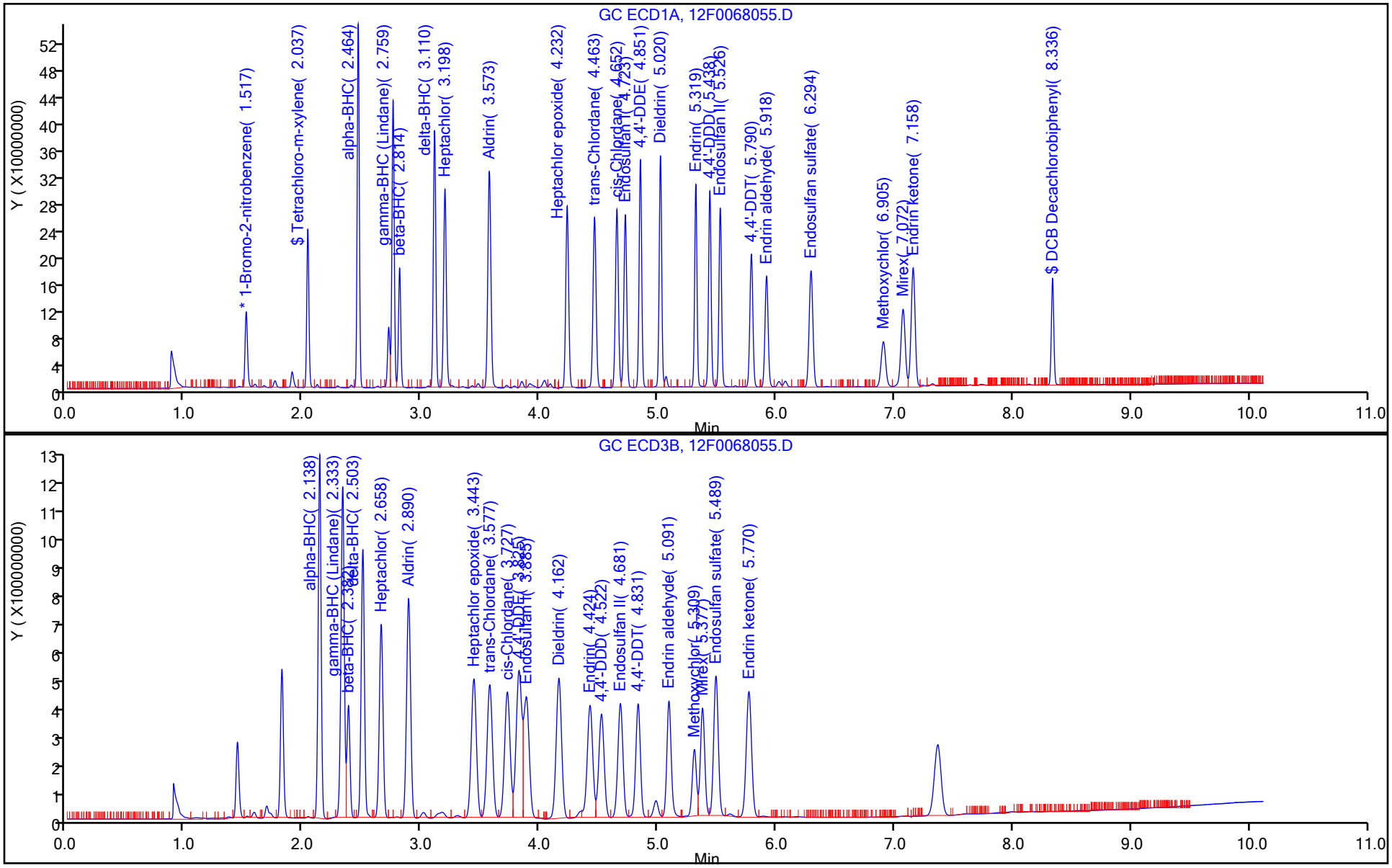
| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:24:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:27:13 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

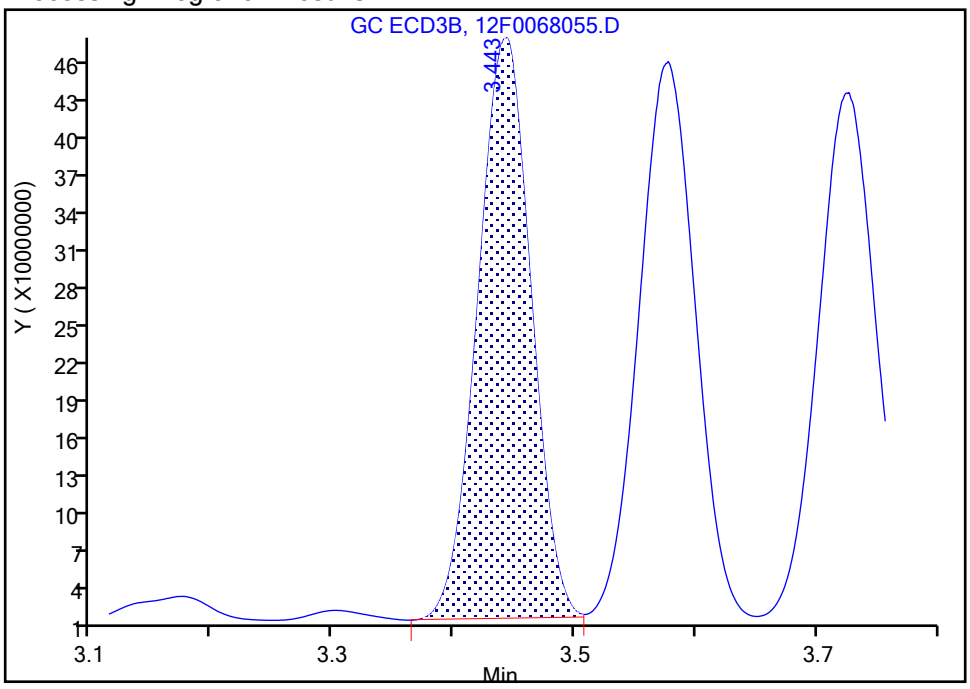
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3

Signal: 2

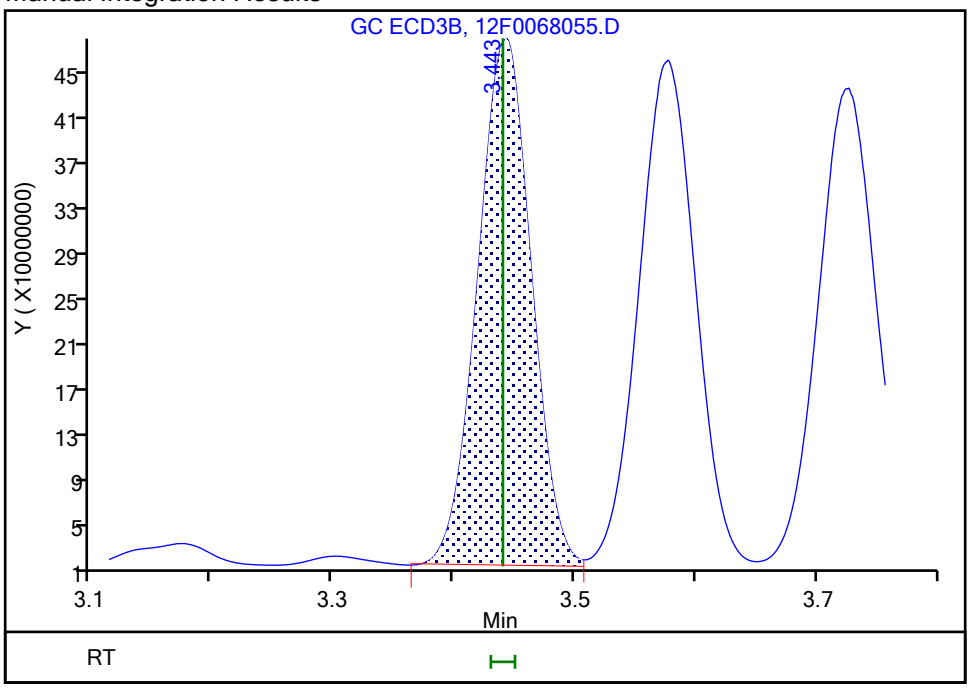
Processing Integration Results

RT: 3.44
Area: 1414139093
Amount: 243.5899
Amount Units: ug/l




Manual Integration Results

RT: 3.44
Area: 1428078491
Amount: 245.5194
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

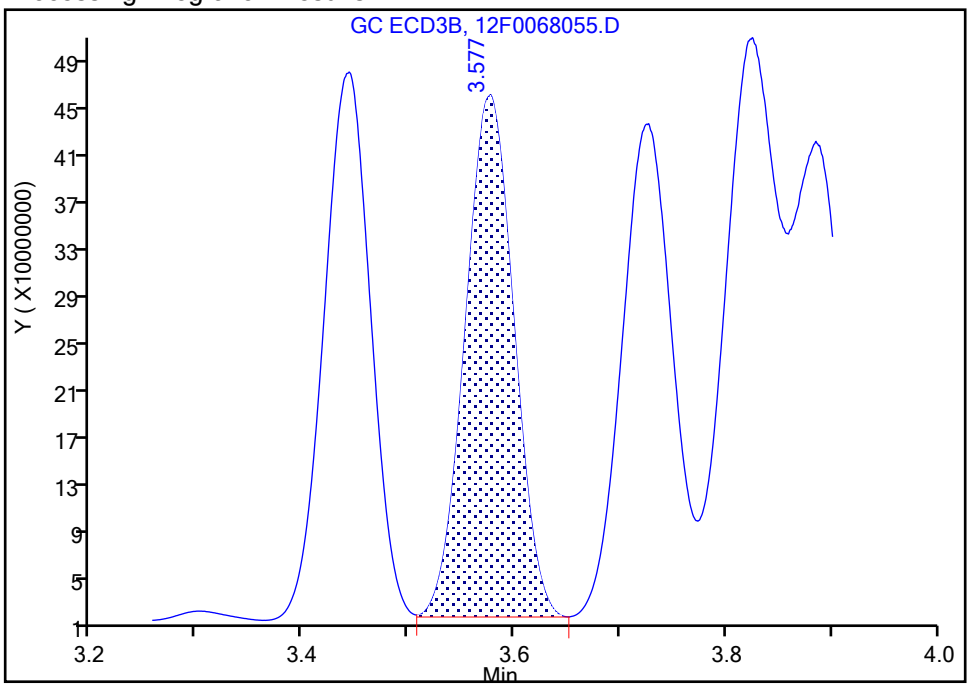
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 9 trans-Chlordane, CAS: 5103-74-2

Signal: 2

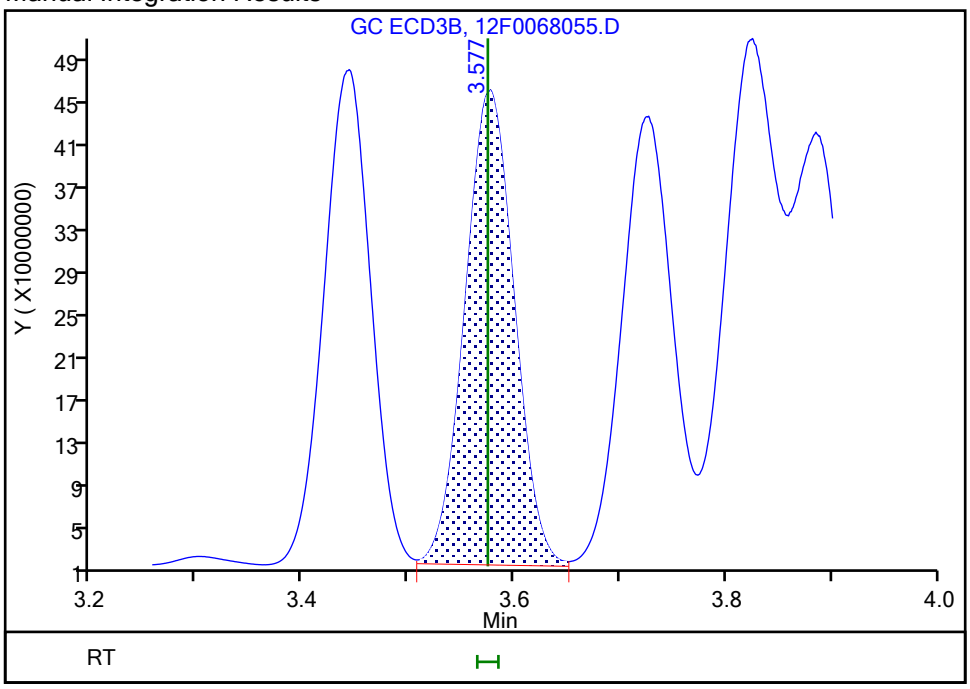
Processing Integration Results

RT: 3.58
Area: 1415347917
Amount: 247.6479
Amount Units: ug/l




Manual Integration Results

RT: 3.58
Area: 1441683026
Amount: 251.3293
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

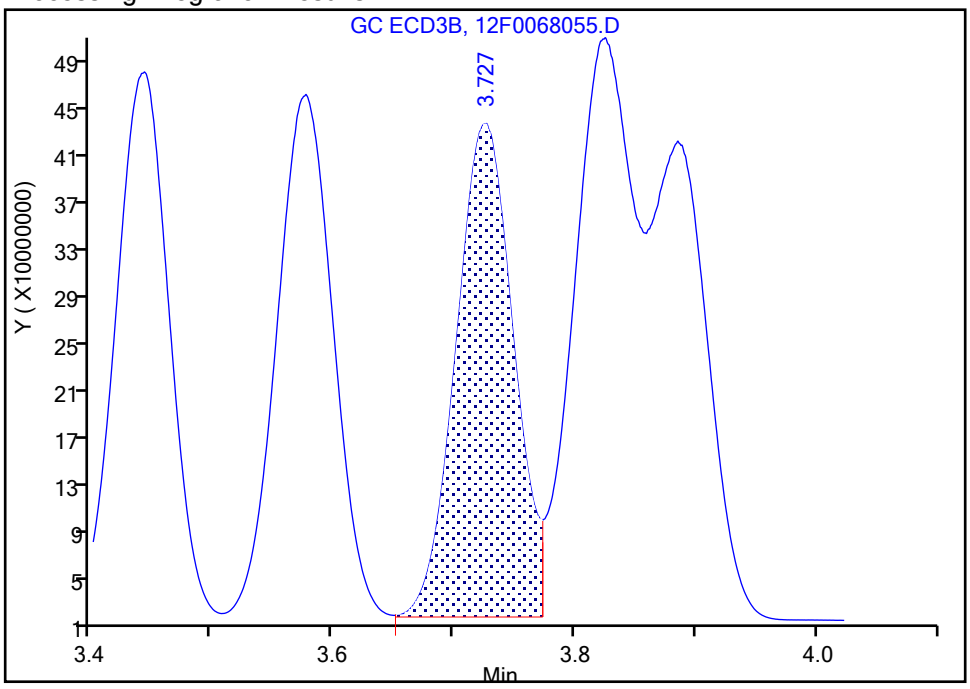
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

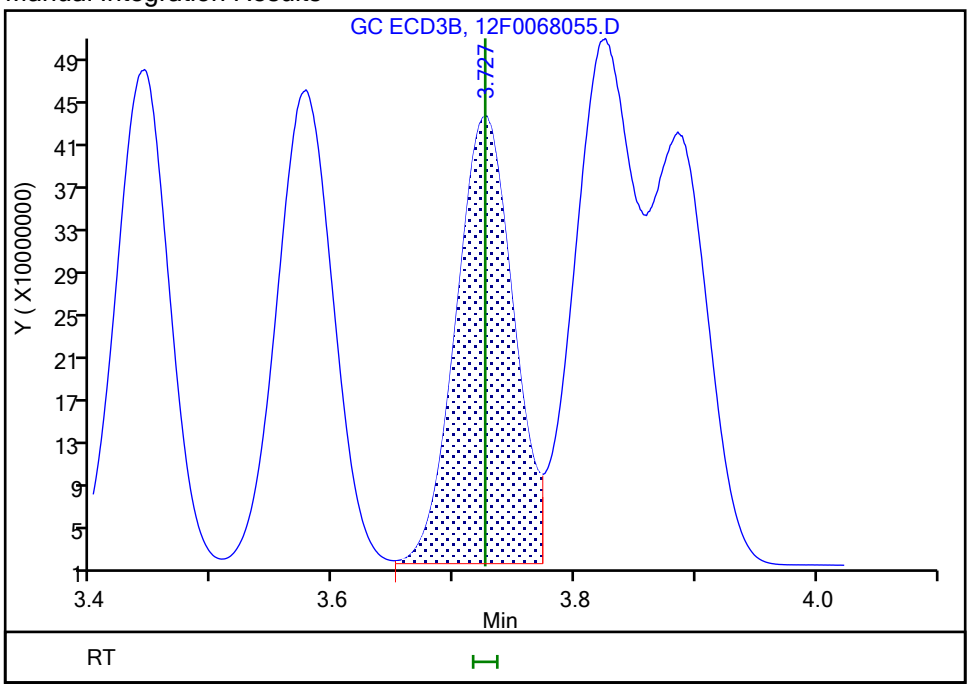
Processing Integration Results

RT: 3.73
Area: 1380605860
Amount: 243.1868
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 1396642809
Amount: 245.4569
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

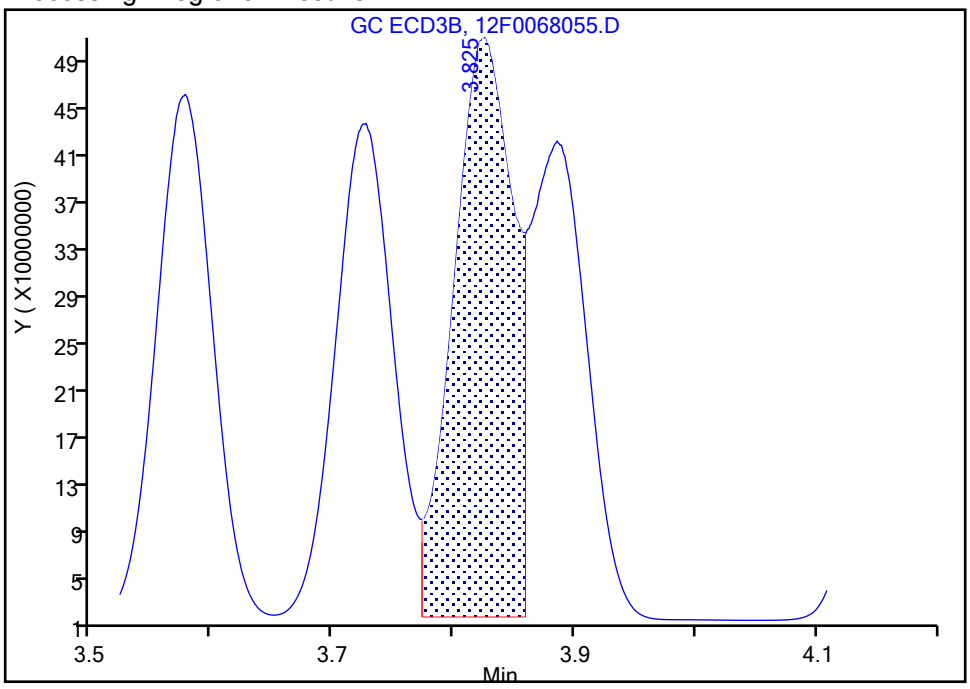
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

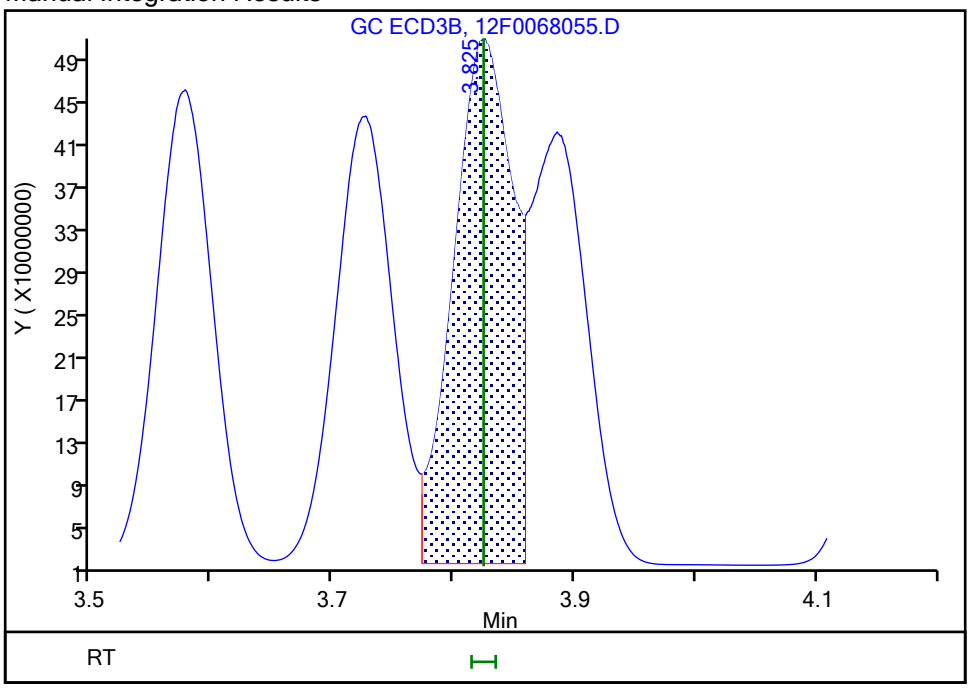
Processing Integration Results

RT: 3.82
Area: 1691134169
Amount: 249.2495
Amount Units: ug/l




Manual Integration Results

RT: 3.82
Area: 1698127969
Amount: 250.0740
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

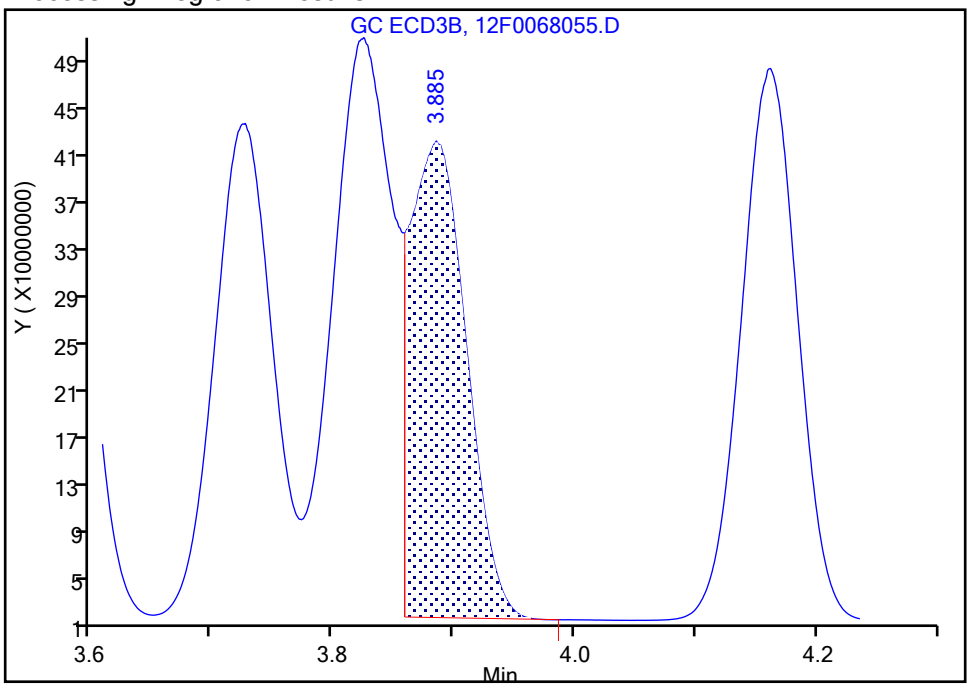
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068055.D
Injection Date: 22-Jan-2025 10:27:13 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

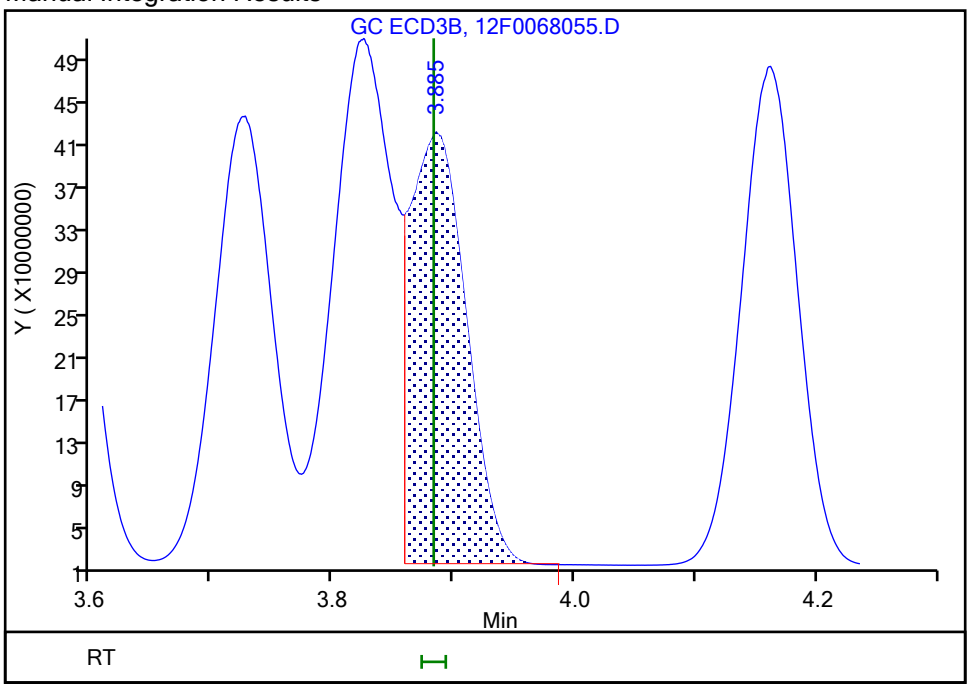
Processing Integration Results

RT: 3.89
Area: 1286618083
Amount: 244.9231
Amount Units: ug/l




Manual Integration Results

RT: 3.89
Area: 1291018715
Amount: 245.5962
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:49:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068056.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Jan-2025 10:39:29 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-007
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:24:59 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:49:46

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.516 | 0.001 | 120740784 | 100.0 | 100.0 | |
| 2 | 1.443 | 1.443 | 0.000 | 369821510 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 342475730 | 200.0 | 223.6 | |
| 2 | 1.819 | 1.819 | 0.000 | 1030654161 | 200.0 | 210.7 | |
| | | | | | | RPD = 5.92 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.465 | 2.464 | 0.001 | 1200561698 | 500.0 | 587.7 | M |
| 2 | 2.141 | 2.137 | 0.004 | 4288624561 | 500.0 | 621.4 | |
| | | | | | | RPD = 5.58 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 1027956553 | 500.0 | 582.8 | M |
| 2 | 2.336 | 2.332 | 0.004 | 4289169088 | 500.0 | 601.9 | |
| | | | | | | RPD = 3.22 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 424408313 | 500.0 | 554.1 | M |
| 2 | 2.381 | 2.381 | 0.000 | 1181865379 | 500.0 | 524.0 | |
| | | | | | | RPD = 5.59 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.110 | 3.109 | 0.001 | 1036743976 | 500.0 | 606.2 | M |
| 2 | 2.504 | 2.502 | 0.002 | 3281789118 | 500.0 | 587.7 | |
| | | | | | | RPD = 3.09 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.197 | 3.197 | 0.000 | 836252881 | 500.0 | 560.3 | M |
| 2 | 2.660 | 2.657 | 0.003 | 2541803718 | 500.0 | 526.3 | |
| | | | | | | RPD = 6.26 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.573 | 3.572 | 0.001 | 1034840476 | 500.0 | 576.9 | |
| 2 | 2.891 | 2.889 | 0.002 | 3239902270 | 500.0 | 553.5 | |
| | | | | | | RPD = 4.13 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.232 | 4.231 | 0.001 | 808992291 | 500.0 | 563.1 | |
| 2 | 3.443 | 3.440 | 0.003 | 2511088172 | 500.0 | 526.2 | |
| | | | | | | RPD = 6.77 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.463 | 4.462 | 0.001 | 828069227 | 500.0 | 581.8 | |
| 2 | 3.578 | 3.575 | 0.003 | 2517537074 | 500.0 | 535.0 | |
| | | | | | | RPD = 8.38 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.652 | 4.652 | 0.000 | 823886024 | 500.0 | 578.6 | M |
| 2 | 3.728 | 3.726 | 0.002 | 2455724907 | 500.0 | 526.1 | |
| | | | | | | RPD = 9.51 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.723 | 4.723 | 0.000 | 743711576 | 500.0 | 561.8 | M |
| 2 | 3.887 | 3.883 | 0.004 | 2207153617 | 500.0 | 511.8 | |
| | | | | | | RPD = 9.31 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.851 | 4.851 | 0.000 | 915826382 | 500.0 | 584.7 | |
| 2 | 3.825 | 3.824 | 0.001 | 3034118665 | 500.0 | 544.7 | |
| | | | | | | RPD = 7.09 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 894513952 | 500.0 | 577.8 | |
| 2 | 4.161 | 4.160 | 0.001 | 2699900971 | 500.0 | 537.7 | |
| | | | | | | RPD = 7.20 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.319 | 5.319 | 0.000 | 727124126 | 500.0 | 558.5 | M |
| 2 | 4.425 | 4.423 | 0.002 | 2389485439 | 500.0 | 592.8 | |
| | | | | | | RPD = 5.97 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.438 | 5.437 | 0.001 | 833190381 | 500.0 | 610.9 | M |
| 2 | 4.522 | 4.522 | 0.000 | 1973969249 | 500.0 | 566.7 | |
| | | | | | | RPD = 7.52 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.526 | 5.526 | 0.000 | 550205025 | 500.0 | 453.5 | M |
| 2 | 4.683 | 4.680 | 0.003 | 1505062211 | 500.0 | 417.6 | |
| | | | | | | RPD = 8.24 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 630322930 | 500.0 | 579.6 | |
| 2 | 4.832 | 4.830 | 0.002 | 1830325414 | 500.0 | 538.8 | |
| | | | | | | RPD = 7.30 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 561093322 | 500.0 | 569.3 | |
| 2 | 5.093 | 5.092 | 0.001 | 1810697152 | 500.0 | 527.9 | |
| | | | | | | RPD = 7.54 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.294 | 6.294 | 0.000 | 681699424 | 500.0 | 557.3 | |
| 2 | 5.491 | 5.489 | 0.002 | 2326816110 | 500.0 | 544.4 | |
| | | | | | | RPD = 2.35 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.906 | 6.906 | 0.000 | 314529102 | 500.0 | 536.3 | |
| 2 | 5.307 | 5.306 | 0.001 | 968885344 | 500.0 | 484.8 | |
| | | | | | | RPD = 10.09 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 523117921 | 500.0 | 531.8 | |
| 2 | 5.377 | 5.376 | 0.001 | 1651673219 | 500.0 | 505.0 | |
| | | | | | | RPD = 5.16 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 739124546 | 500.0 | 553.4 | |
| 2 | 5.770 | 5.767 | 0.003 | 2376227281 | 500.0 | 529.0 | |
| | | | | | | RPD = 4.49 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.336 | 8.333 | 0.003 | 258721647 | 200.0 | 215.4 | |
| 2 | 7.366 | 7.364 | 0.002 | 1081556854 | 200.0 | 198.8 | |
| | | | | | | RPD = 8.00 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

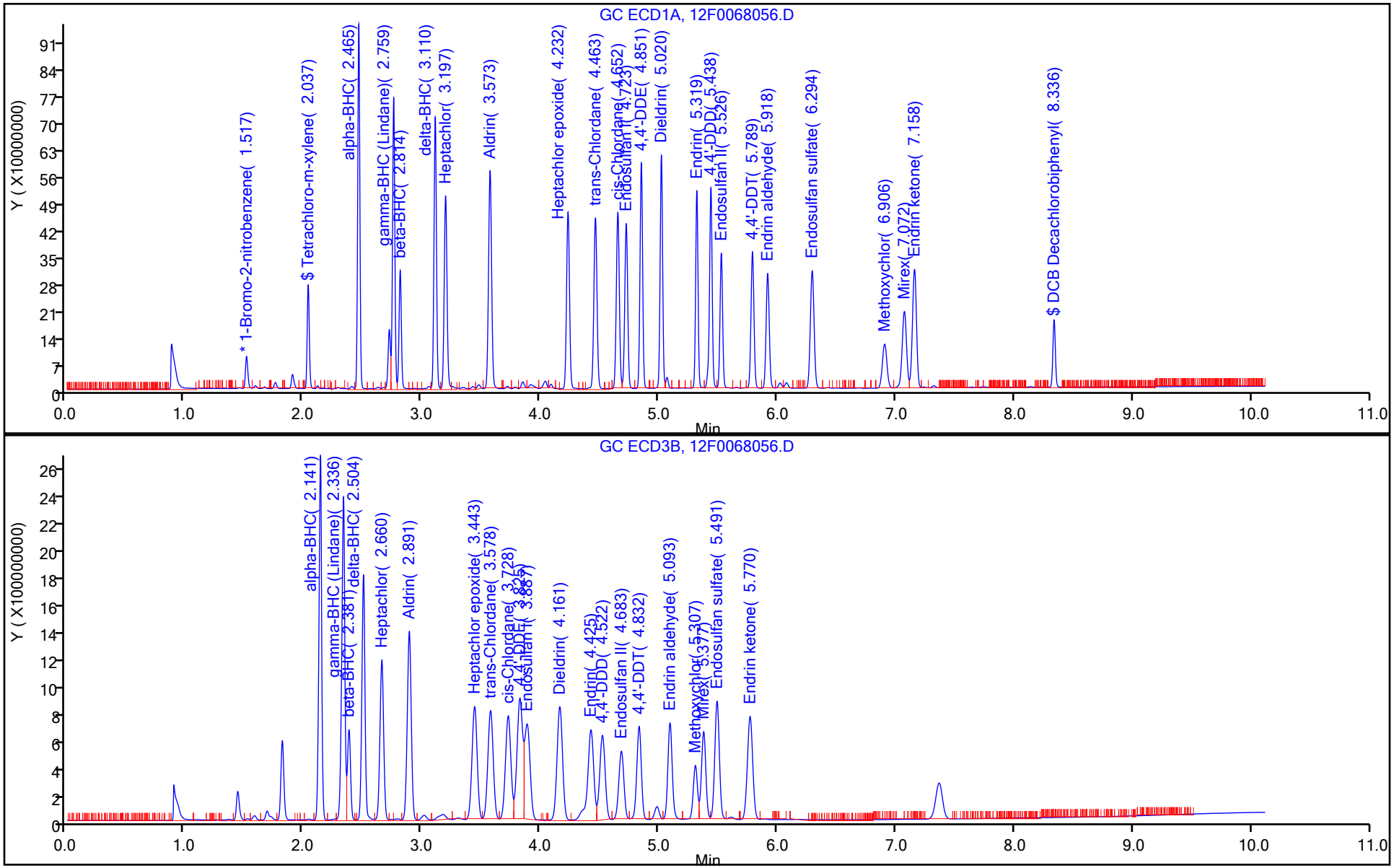
| | | | |
|---|---|---|---|
| SGPESTL5_00043 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:25:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068056.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 10:39:29 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

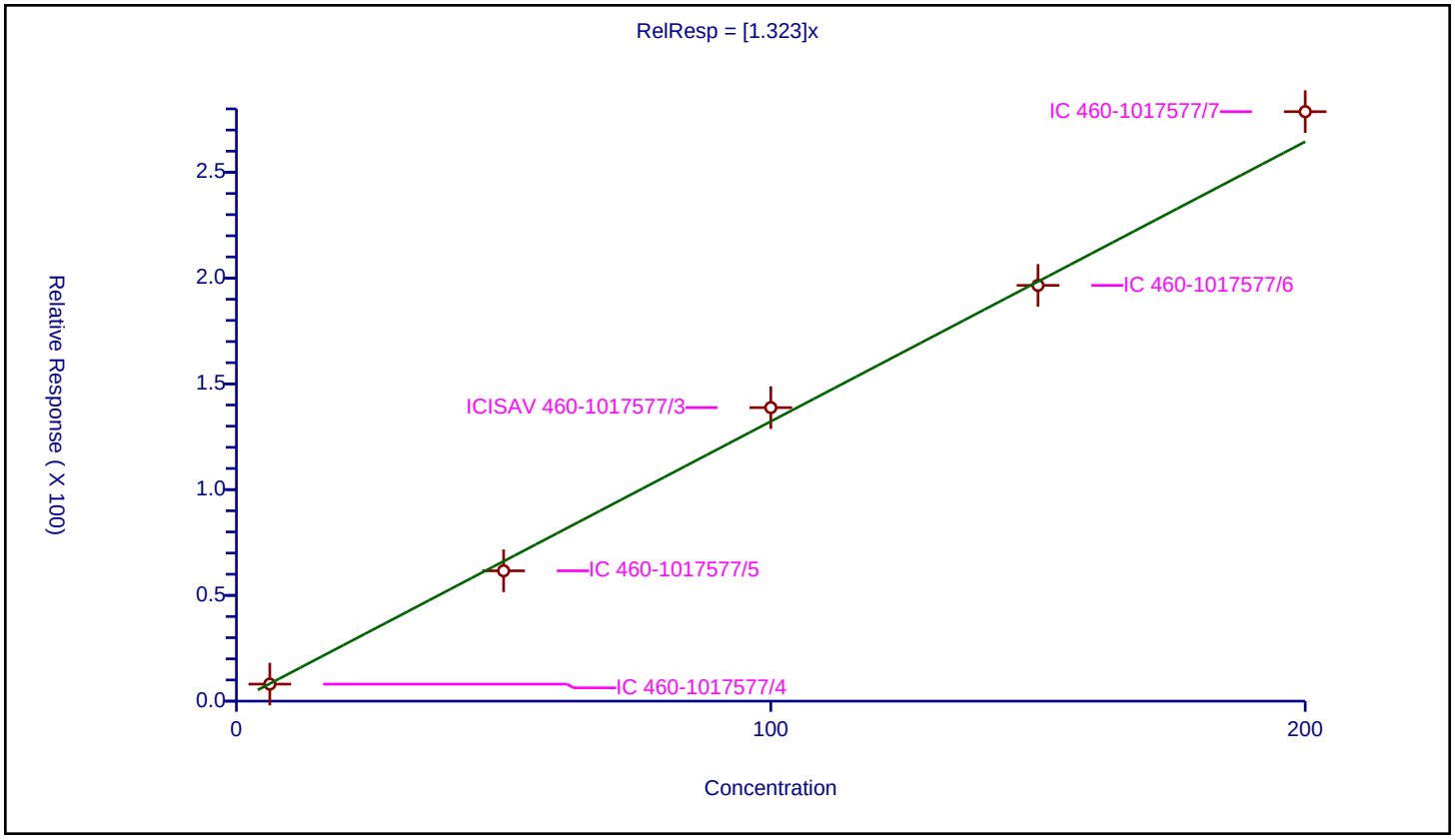
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.323 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 6.25 | 8.053501 | 100.0 | 388330125.0 | 1.28856 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 61.620806 | 100.0 | 436901293.0 | 1.232416 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 138.76632 | 100.0 | 349577491.0 | 1.387663 | Y |
| 4 | IC 460-1017577/6 | 150.0 | 196.570817 | 100.0 | 450798560.0 | 1.310472 | Y |
| 5 | IC 460-1017577/7 | 200.0 | 278.68962 | 100.0 | 369821510.0 | 1.393448 | Y |



## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

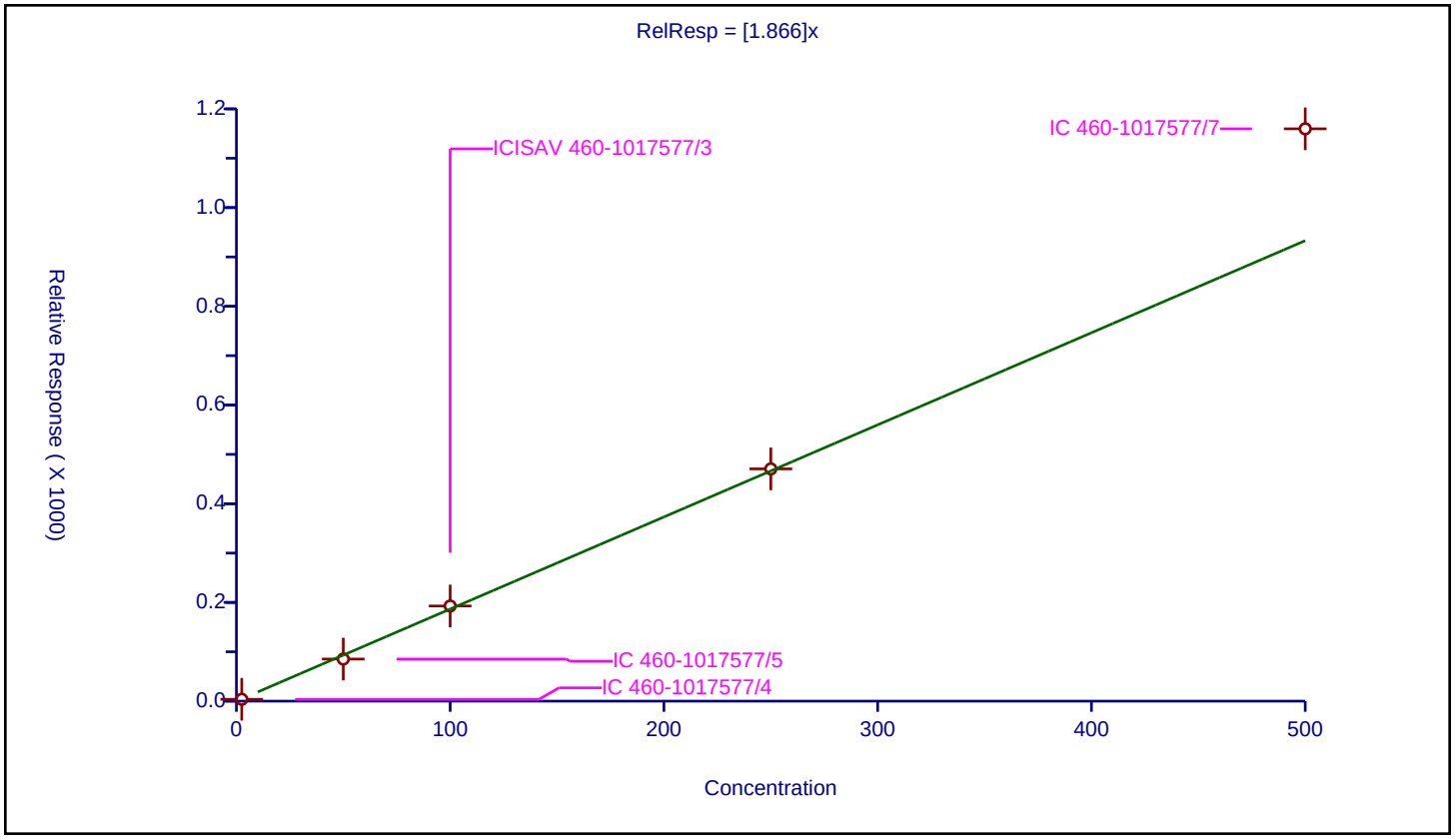
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.866 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.737815 | 100.0 | 388330125.0 | 1.495126 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 85.291119 | 100.0 | 436901293.0 | 1.705822 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 192.766559 | 100.0 | 349577491.0 | 1.927666 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 470.580339 | 100.0 | 450798560.0 | 1.882321 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 1159.647139 | 100.0 | 369821510.0 | 2.319294 | Y |



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## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

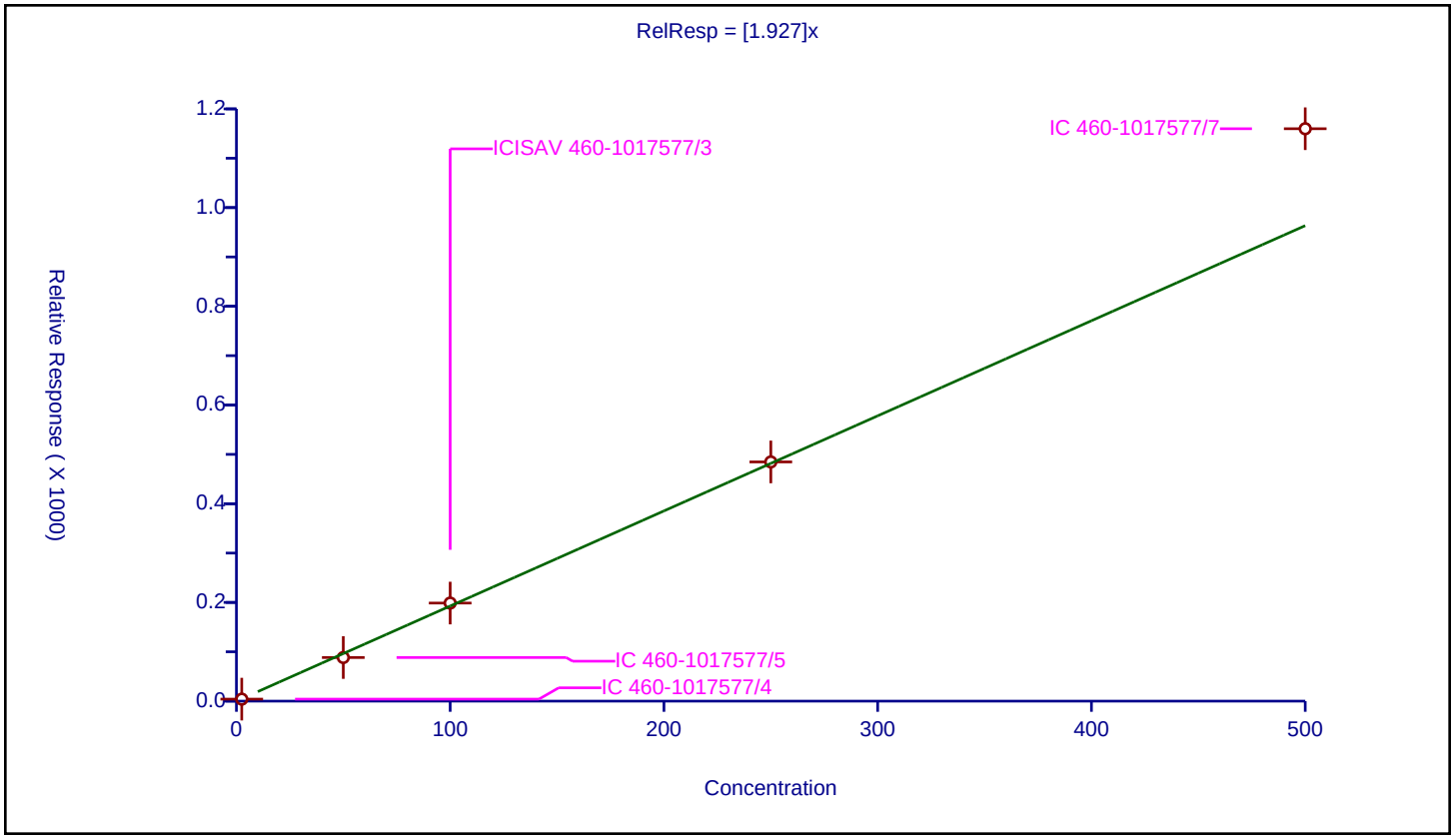
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.927 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 4.052355 | 100.0 | 388330125.0 | 1.620942 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 88.374961 | 100.0 | 436901293.0 | 1.767499 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 198.751049 | 100.0 | 349577491.0 | 1.98751 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 484.682325 | 100.0 | 450798560.0 | 1.938729 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 1159.79438 | 100.0 | 369821510.0 | 2.319589 | Y |






2/14/2025
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## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

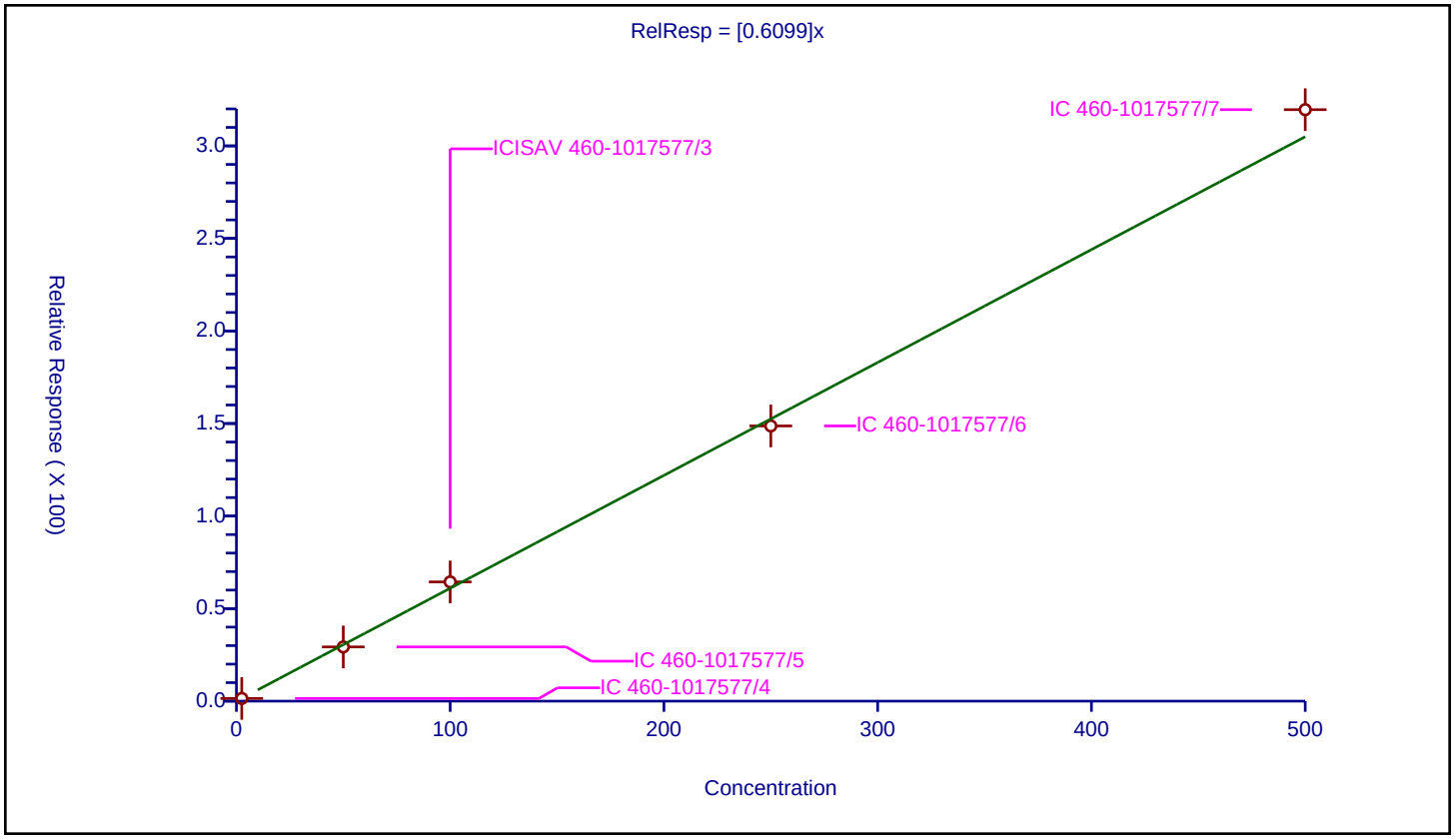
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6099 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.46409 | 100.0 | 388330125.0 | 0.585636 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 29.295747 | 100.0 | 436901293.0 | 0.585915 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 64.421335 | 100.0 | 349577491.0 | 0.644213 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 148.685526 | 100.0 | 450798560.0 | 0.594742 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 319.577241 | 100.0 | 369821510.0 | 0.639154 | Y |



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## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

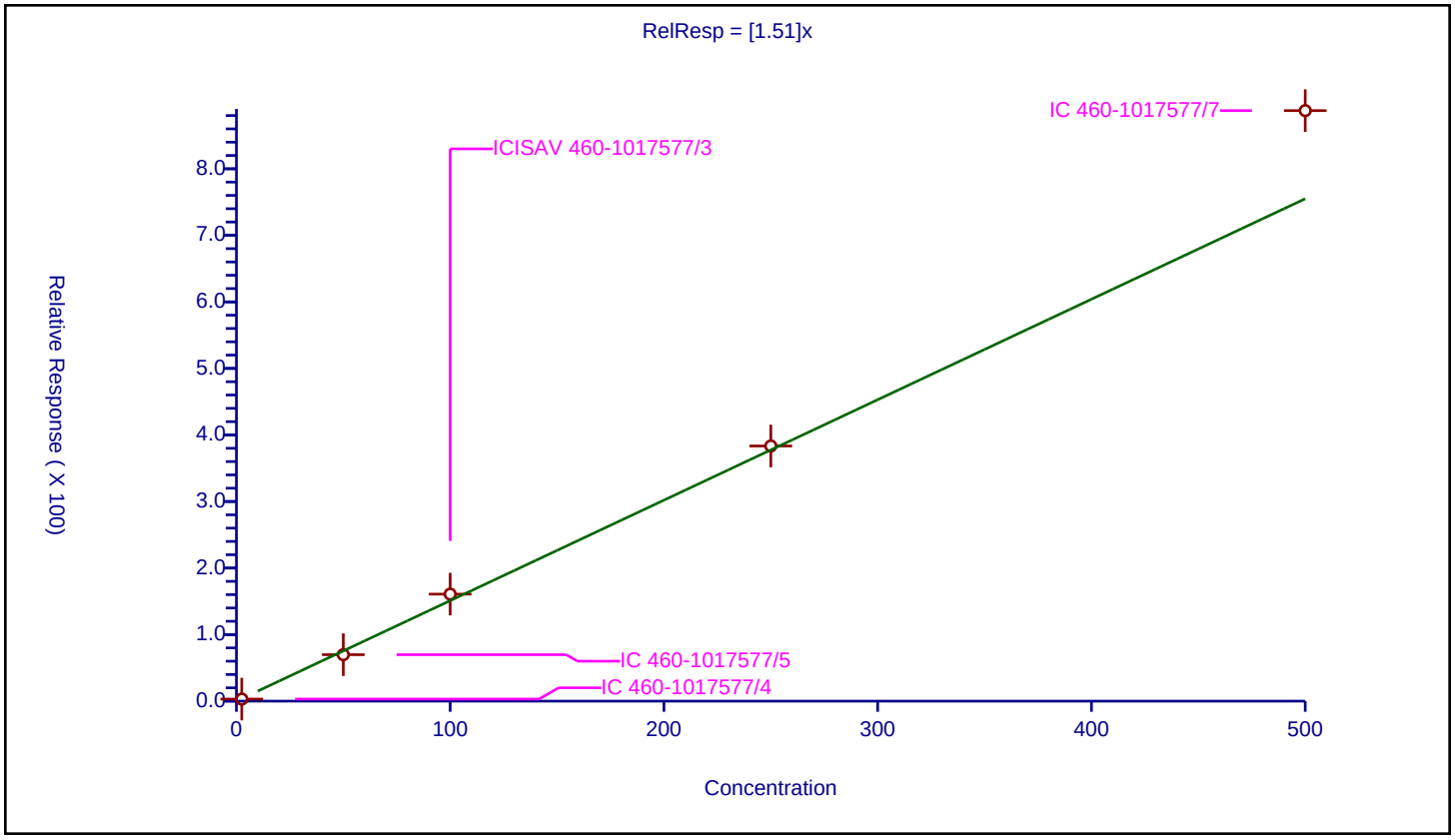
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.51 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.092102 | 100.0 | 388330125.0 | 1.236841 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 69.823859 | 100.0 | 436901293.0 | 1.396477 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 160.792314 | 100.0 | 349577491.0 | 1.607923 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 383.414844 | 100.0 | 450798560.0 | 1.533659 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 887.398118 | 100.0 | 369821510.0 | 1.774796 | Y |



## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

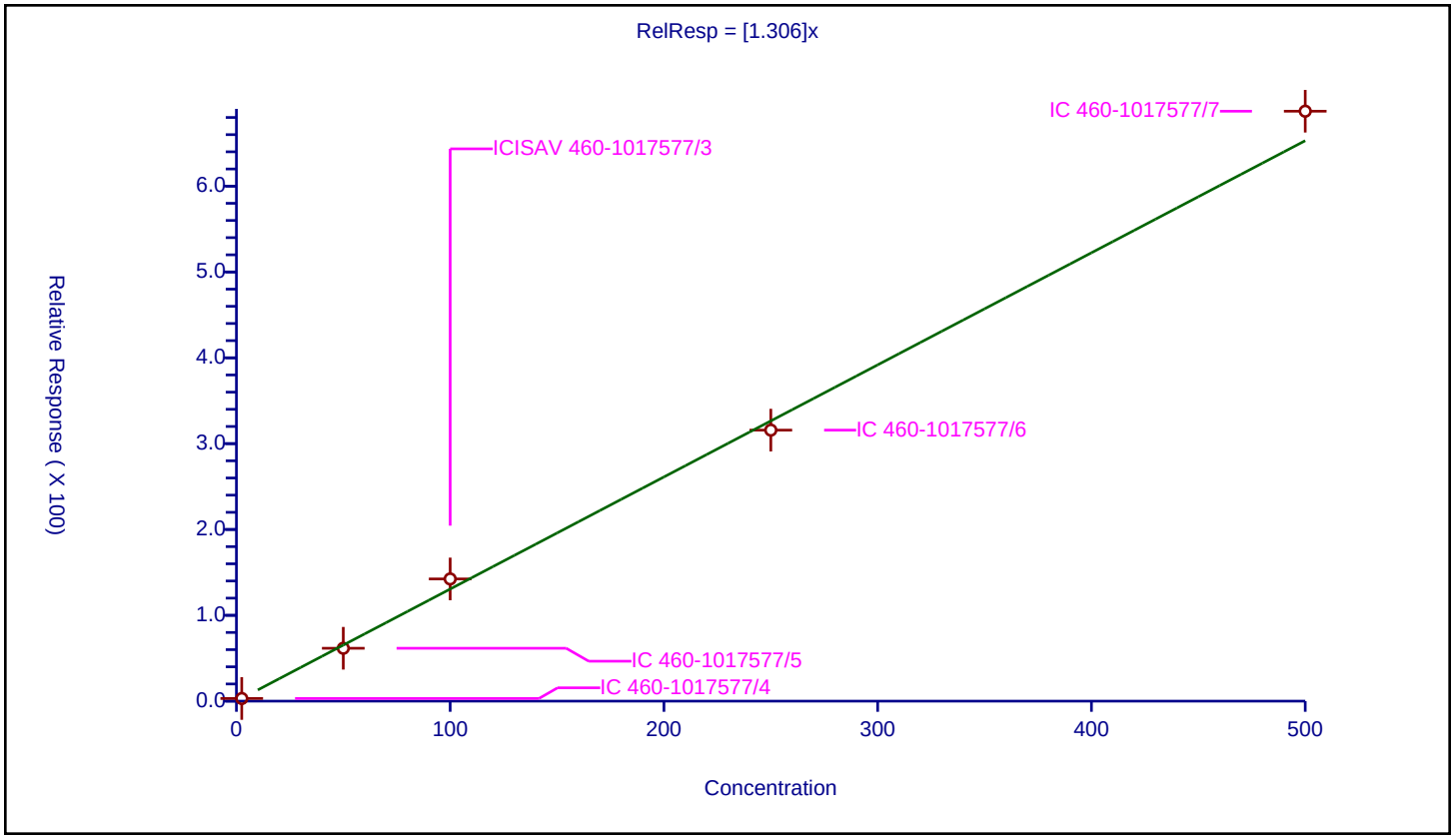
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.306 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.090301 | 100.0 | 388330125.0 | 1.23612 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 61.598591 | 100.0 | 436901293.0 | 1.231972 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 142.378932 | 100.0 | 349577491.0 | 1.423789 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 315.751822 | 100.0 | 450798560.0 | 1.263007 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 687.305538 | 100.0 | 369821510.0 | 1.374611 | Y |



## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

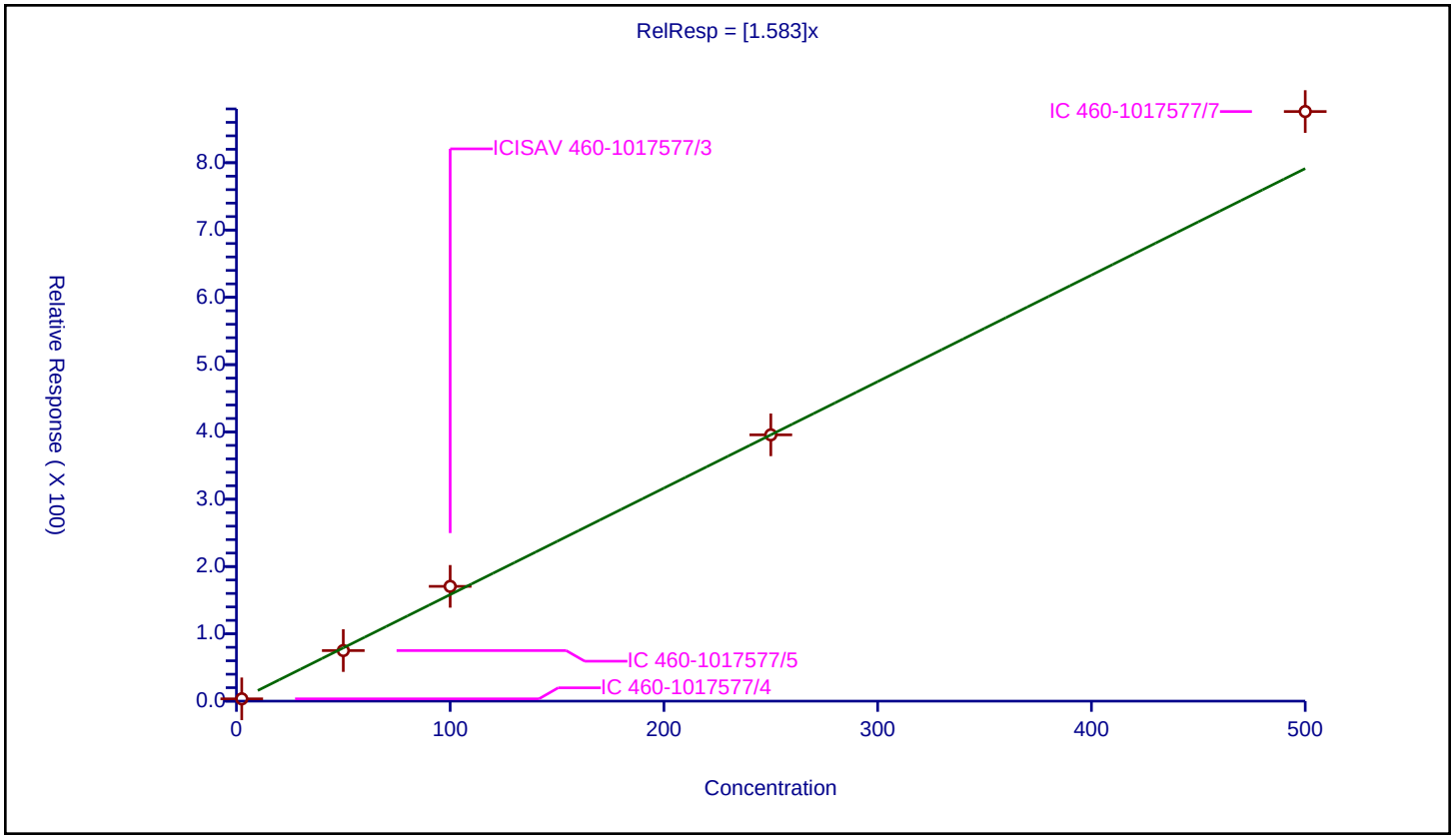
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.583 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.426006 | 100.0 | 388330125.0 | 1.370402 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 75.126178 | 100.0 | 436901293.0 | 1.502524 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 170.554564 | 100.0 | 349577491.0 | 1.705546 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 395.697303 | 100.0 | 450798560.0 | 1.582789 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 876.071884 | 100.0 | 369821510.0 | 1.752144 | Y |



## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

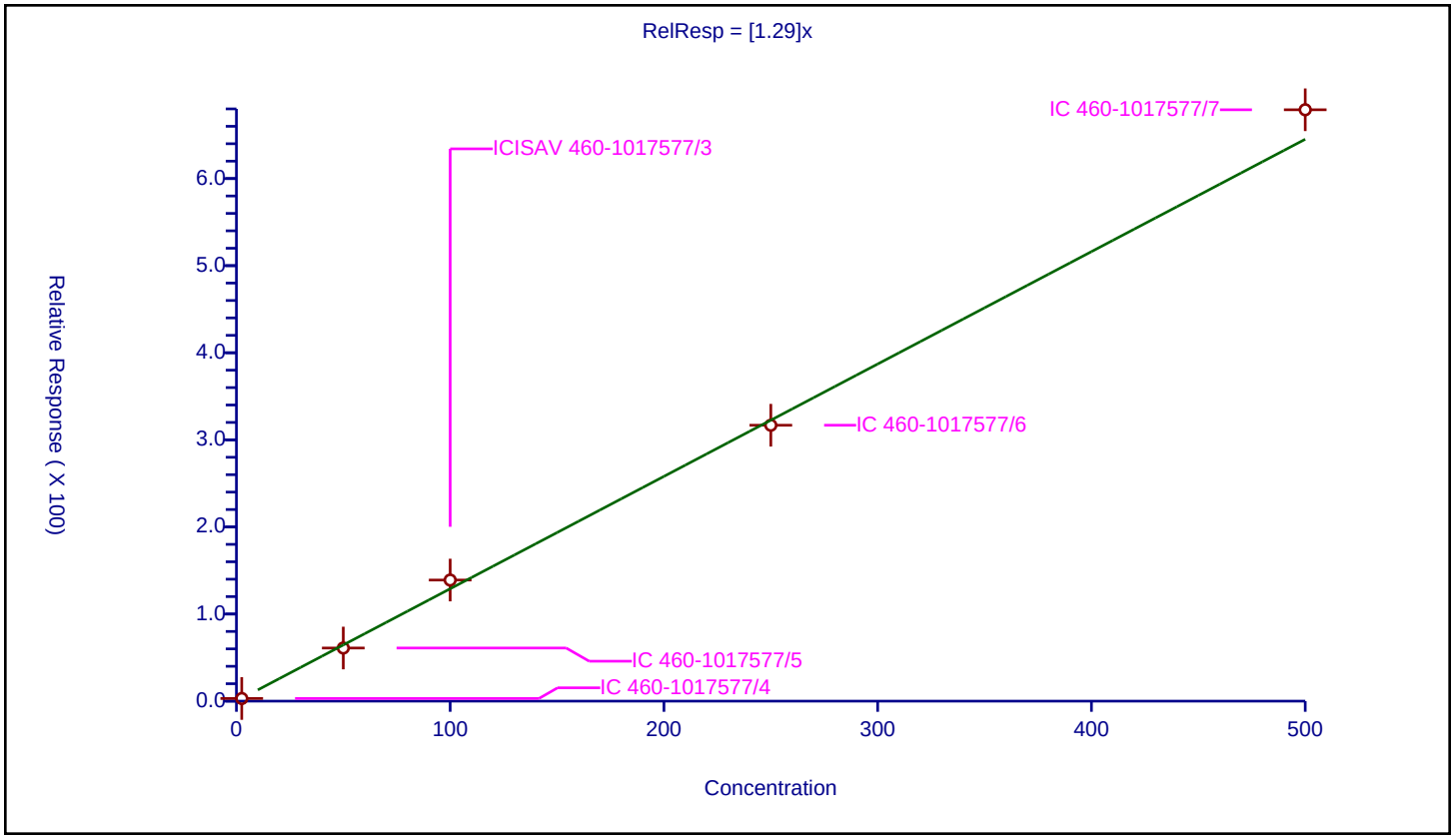
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.29 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.039389 | 100.0 | 388330125.0 | 1.215755 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 61.003417 | 100.0 | 436901293.0 | 1.220068 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 139.041856 | 100.0 | 349577491.0 | 1.390419 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 316.78861 | 100.0 | 450798560.0 | 1.267154 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 679.000032 | 100.0 | 369821510.0 | 1.358 | Y |



## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

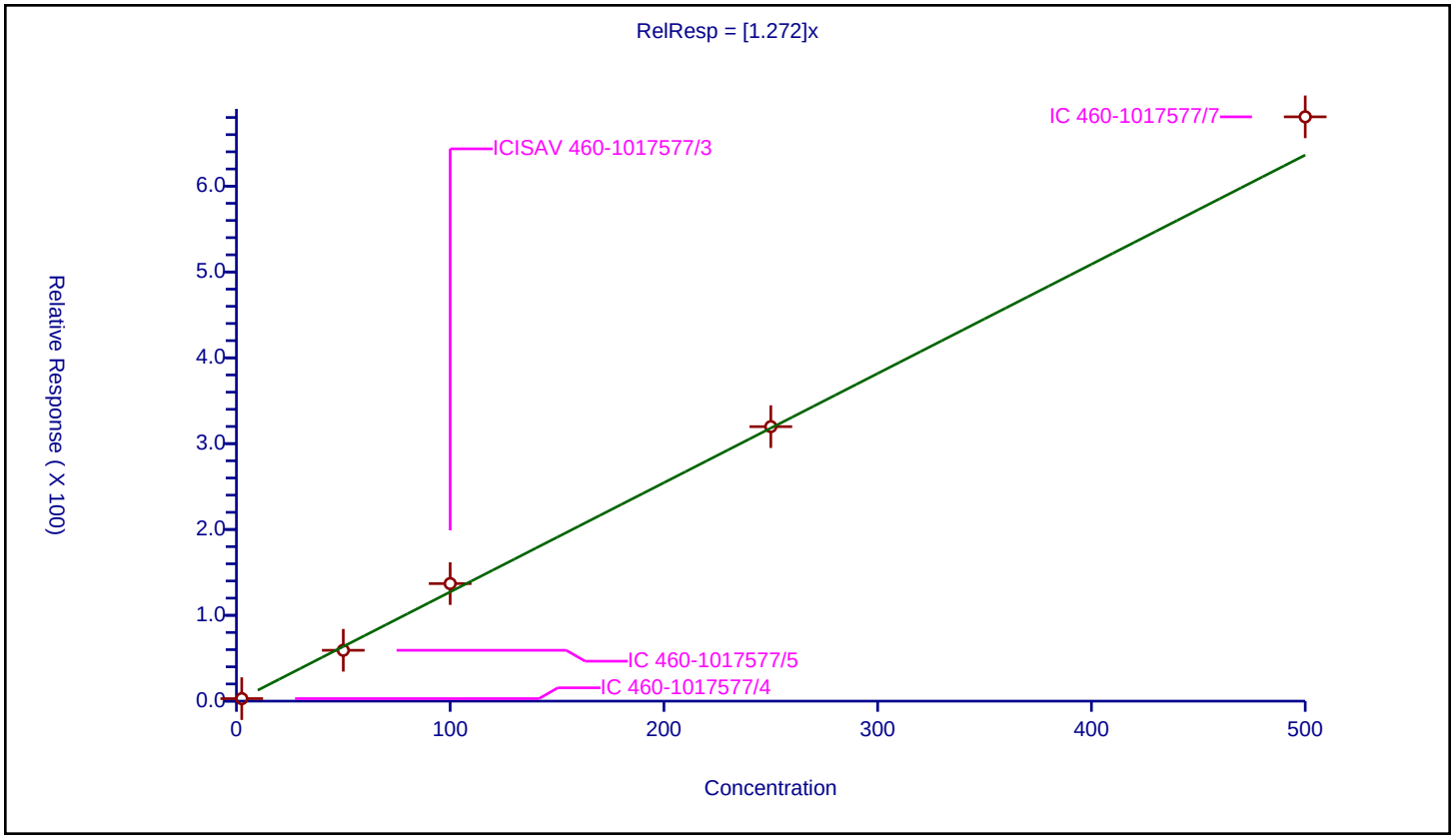
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.272 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.918356 | 100.0 | 388330125.0 | 1.167343 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 59.237732 | 100.0 | 436901293.0 | 1.184755 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 136.948839 | 100.0 | 349577491.0 | 1.369488 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 319.806484 | 100.0 | 450798560.0 | 1.279226 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 680.74382 | 100.0 | 369821510.0 | 1.361488 | Y |



## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

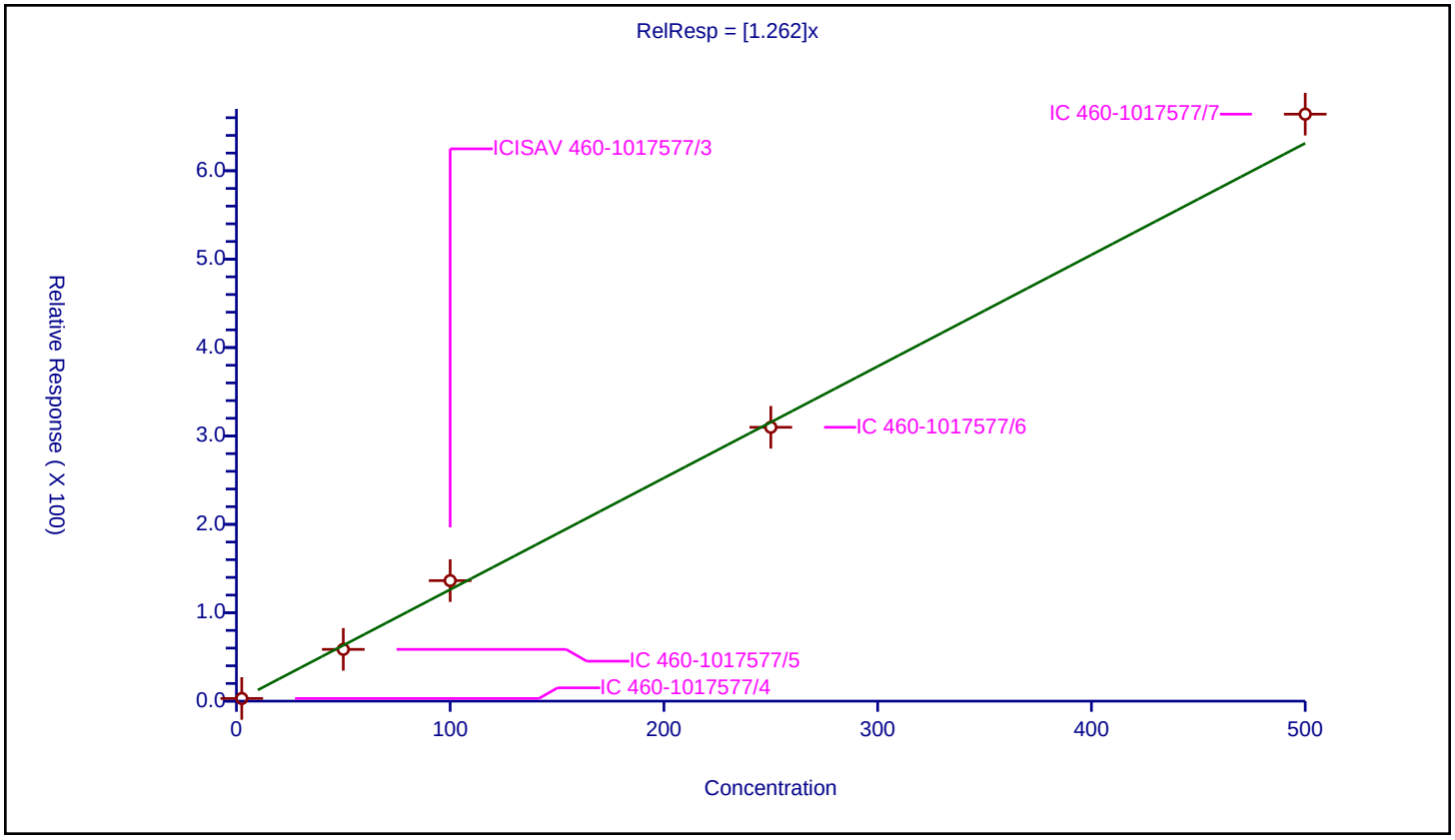
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.262 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.023122 | 100.0 | 388330125.0 | 1.209249 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 58.54428 | 100.0 | 436901293.0 | 1.170886 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 136.353558 | 100.0 | 349577491.0 | 1.363536 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 309.815277 | 100.0 | 450798560.0 | 1.239261 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 664.029766 | 100.0 | 369821510.0 | 1.32806 | Y |



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## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

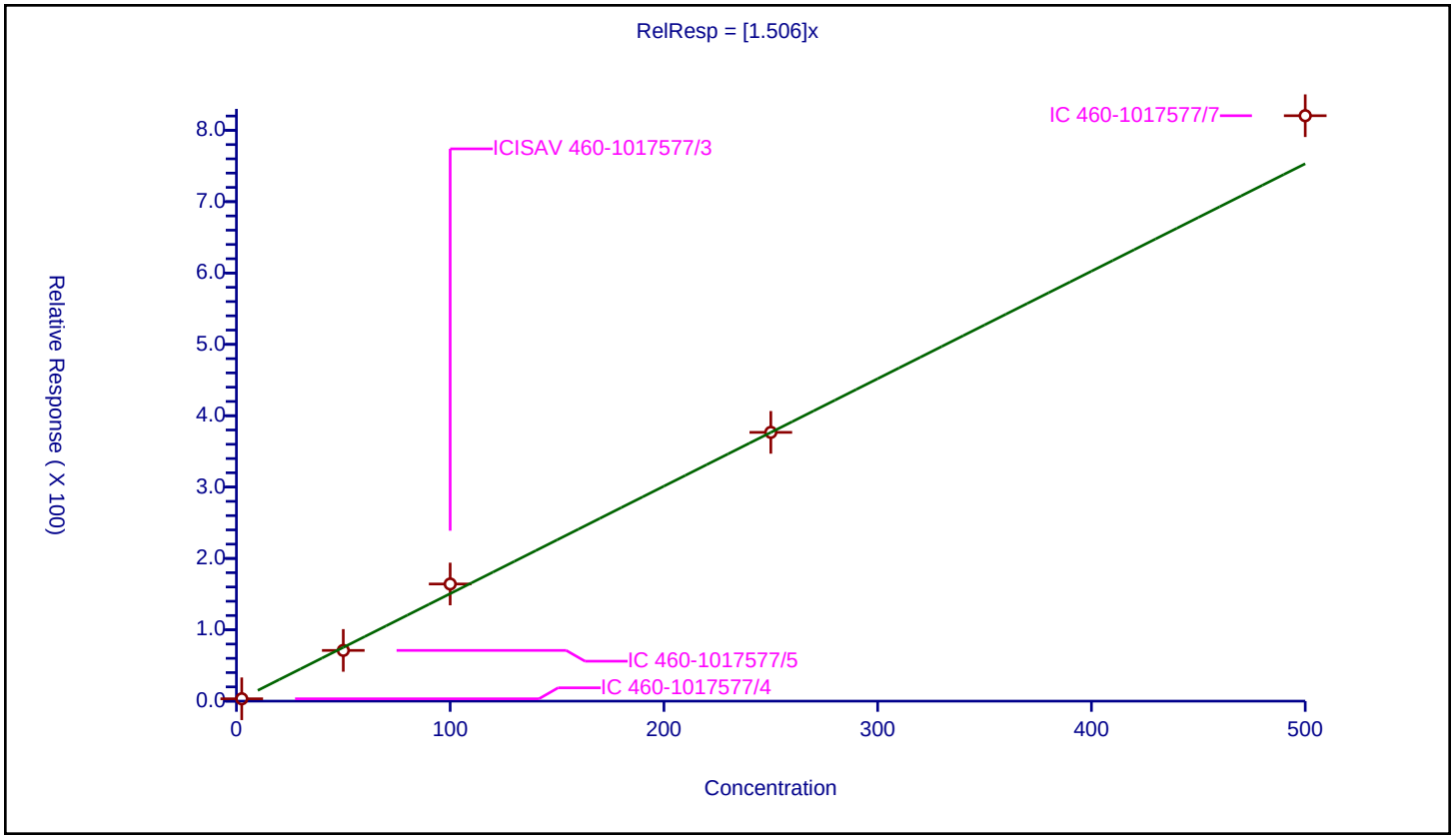
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.506 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.301675 | 100.0 | 388330125.0 | 1.32067 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 71.083824 | 100.0 | 436901293.0 | 1.421676 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 164.16603 | 100.0 | 349577491.0 | 1.64166 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 376.693299 | 100.0 | 450798560.0 | 1.506773 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 820.42785 | 100.0 | 369821510.0 | 1.640856 | Y |



## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

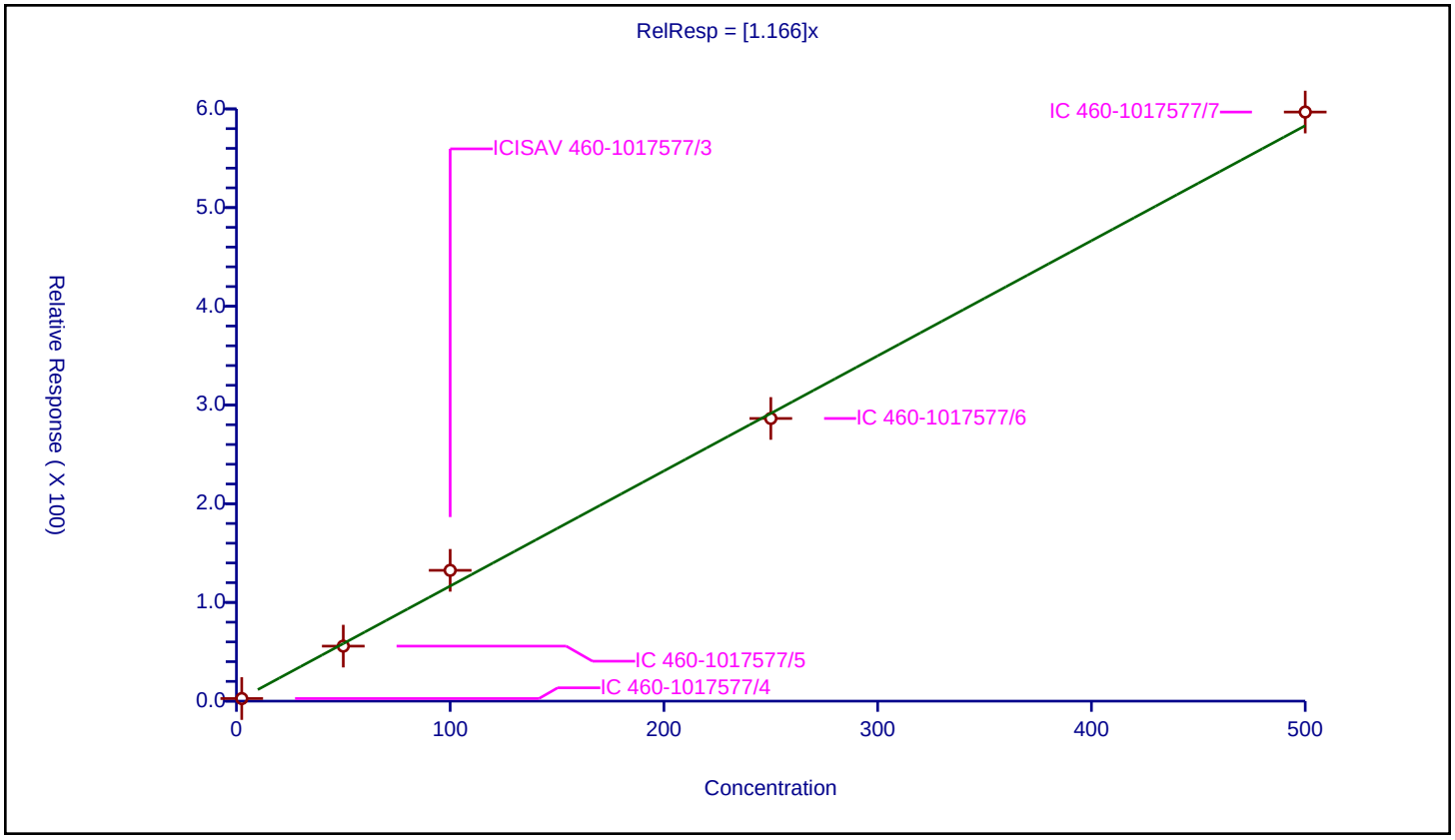
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.166 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.628118 | 100.0 | 388330125.0 | 1.051247 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 55.741005 | 100.0 | 436901293.0 | 1.11482 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 132.516179 | 100.0 | 349577491.0 | 1.325162 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 286.384836 | 100.0 | 450798560.0 | 1.145539 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 596.815912 | 100.0 | 369821510.0 | 1.193632 | Y |



## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

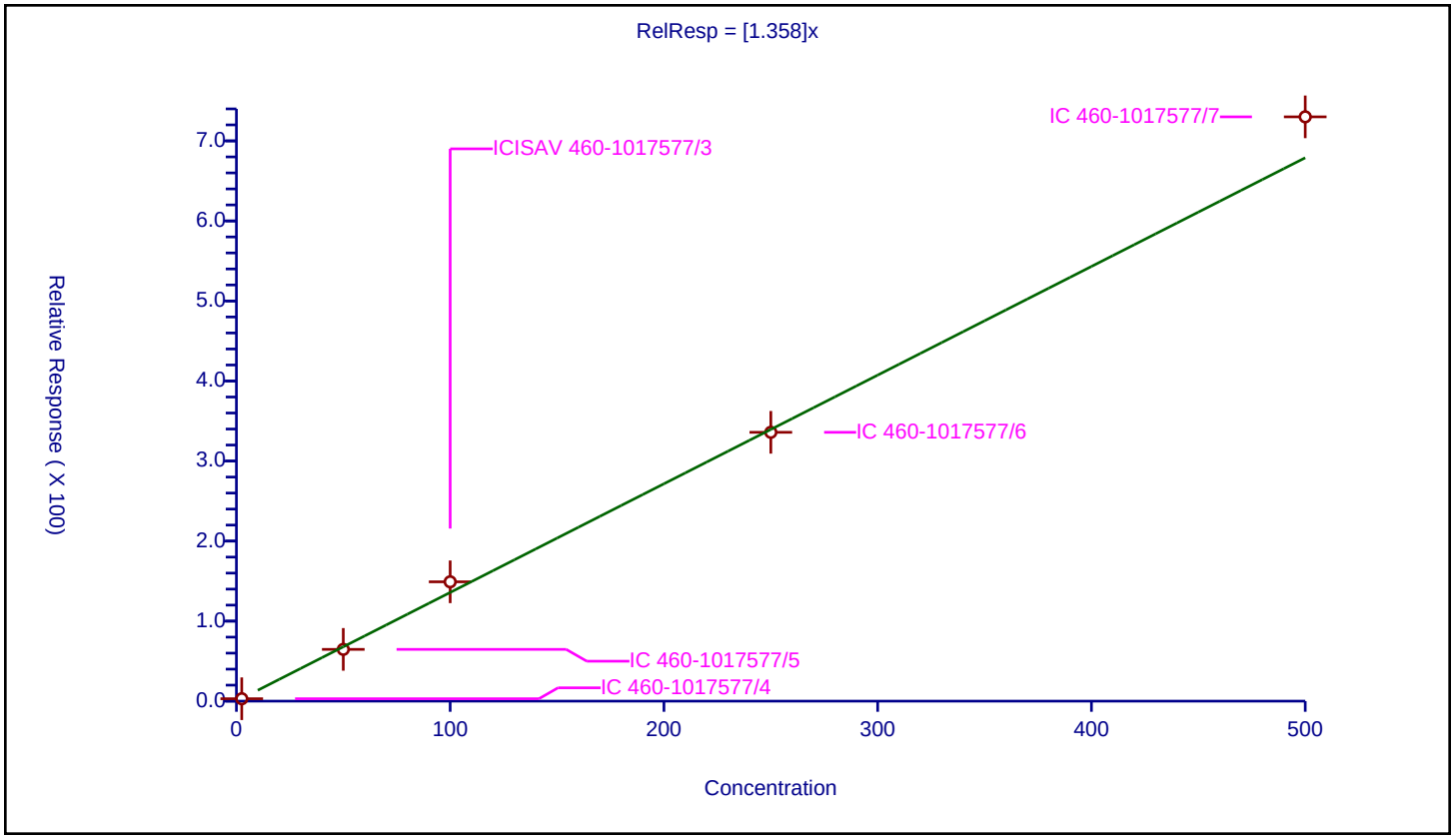
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.358 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 3.001999 | 100.0 | 388330125.0 | 1.2008 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 64.676583 | 100.0 | 436901293.0 | 1.293532 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 149.103222 | 100.0 | 349577491.0 | 1.491032 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 335.886632 | 100.0 | 450798560.0 | 1.343547 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 730.055148 | 100.0 | 369821510.0 | 1.46011 | Y |



## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

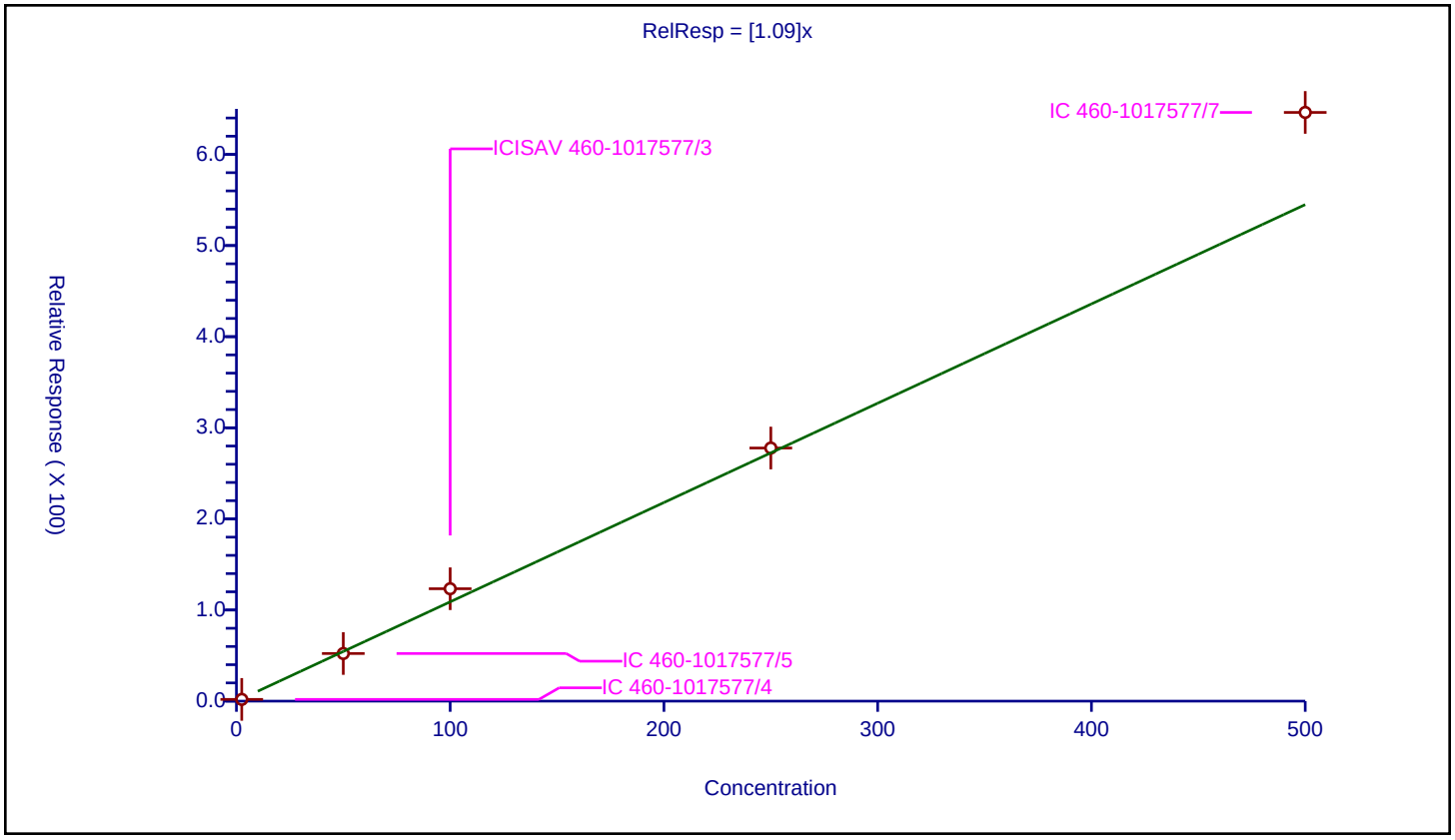
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.09 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.916669 | 100.0 | 388330125.0 | 0.766668 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 52.280708 | 100.0 | 436901293.0 | 1.045614 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 123.363286 | 100.0 | 349577491.0 | 1.233633 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 277.795628 | 100.0 | 450798560.0 | 1.111183 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 646.118566 | 100.0 | 369821510.0 | 1.292237 | Y |



## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

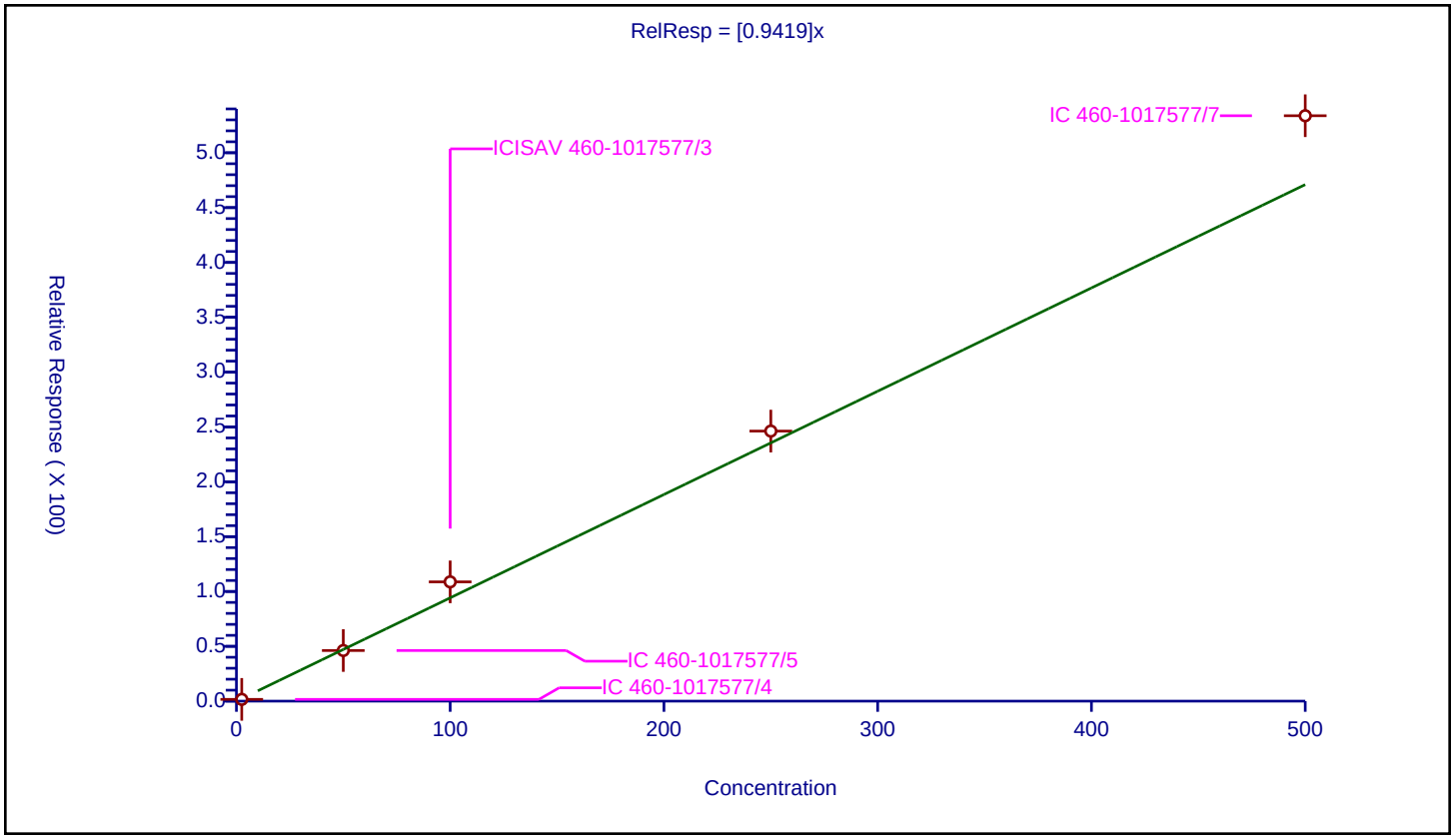
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9419 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.616097 | 100.0 | 388330125.0 | 0.646439 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 46.152349 | 100.0 | 436901293.0 | 0.923047 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 108.764305 | 100.0 | 349577491.0 | 1.087643 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 246.232286 | 100.0 | 450798560.0 | 0.984929 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 533.762692 | 100.0 | 369821510.0 | 1.067525 | Y |



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## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

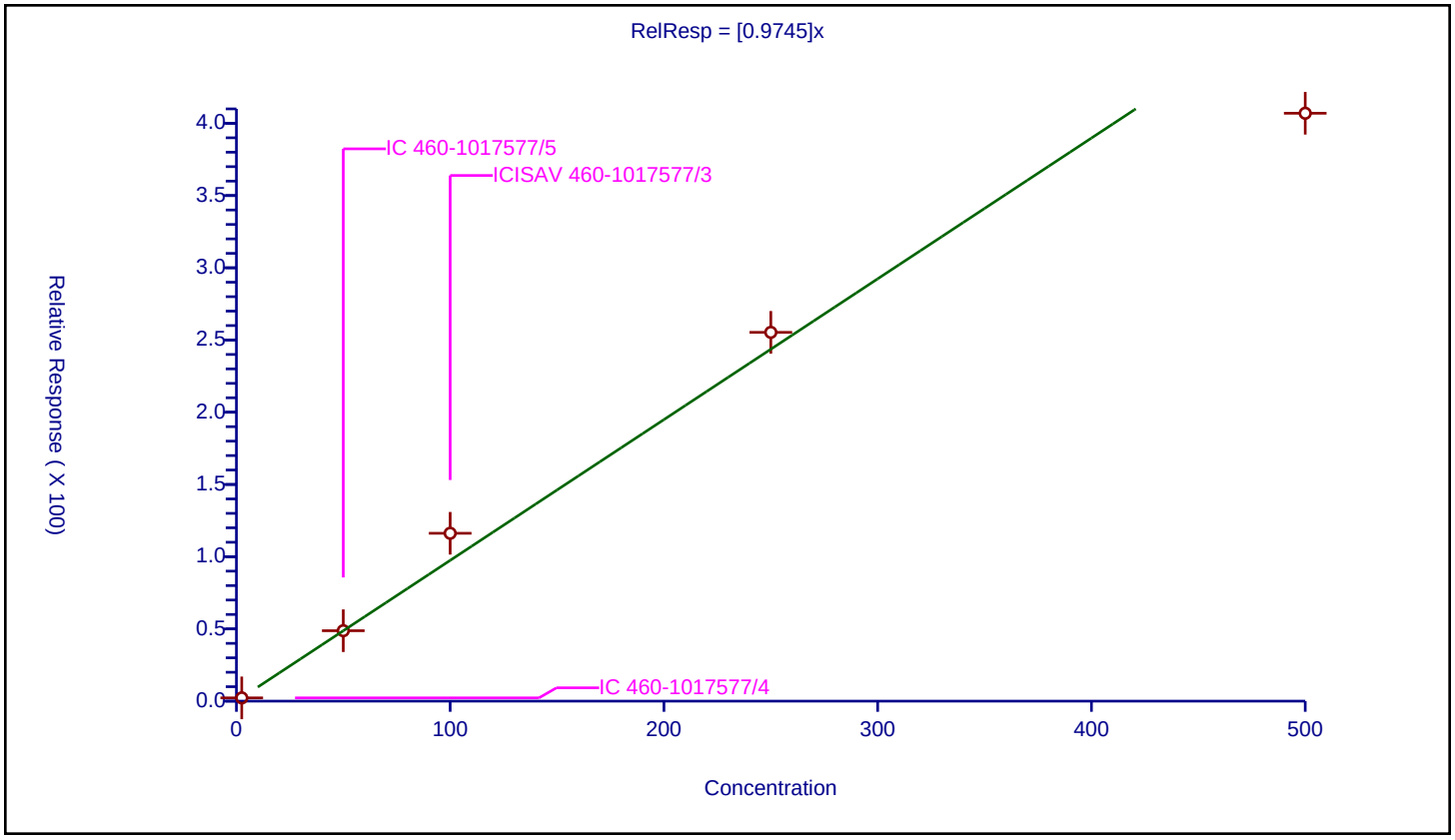
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9745 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.250714 | 100.0 | 388330125.0 | 0.900286 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 48.755028 | 100.0 | 436901293.0 | 0.975101 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 116.207429 | 100.0 | 349577491.0 | 1.162074 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 255.30282 | 100.0 | 450798560.0 | 1.021211 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 406.969895 | 100.0 | 369821510.0 | 0.81394 | Y |



## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

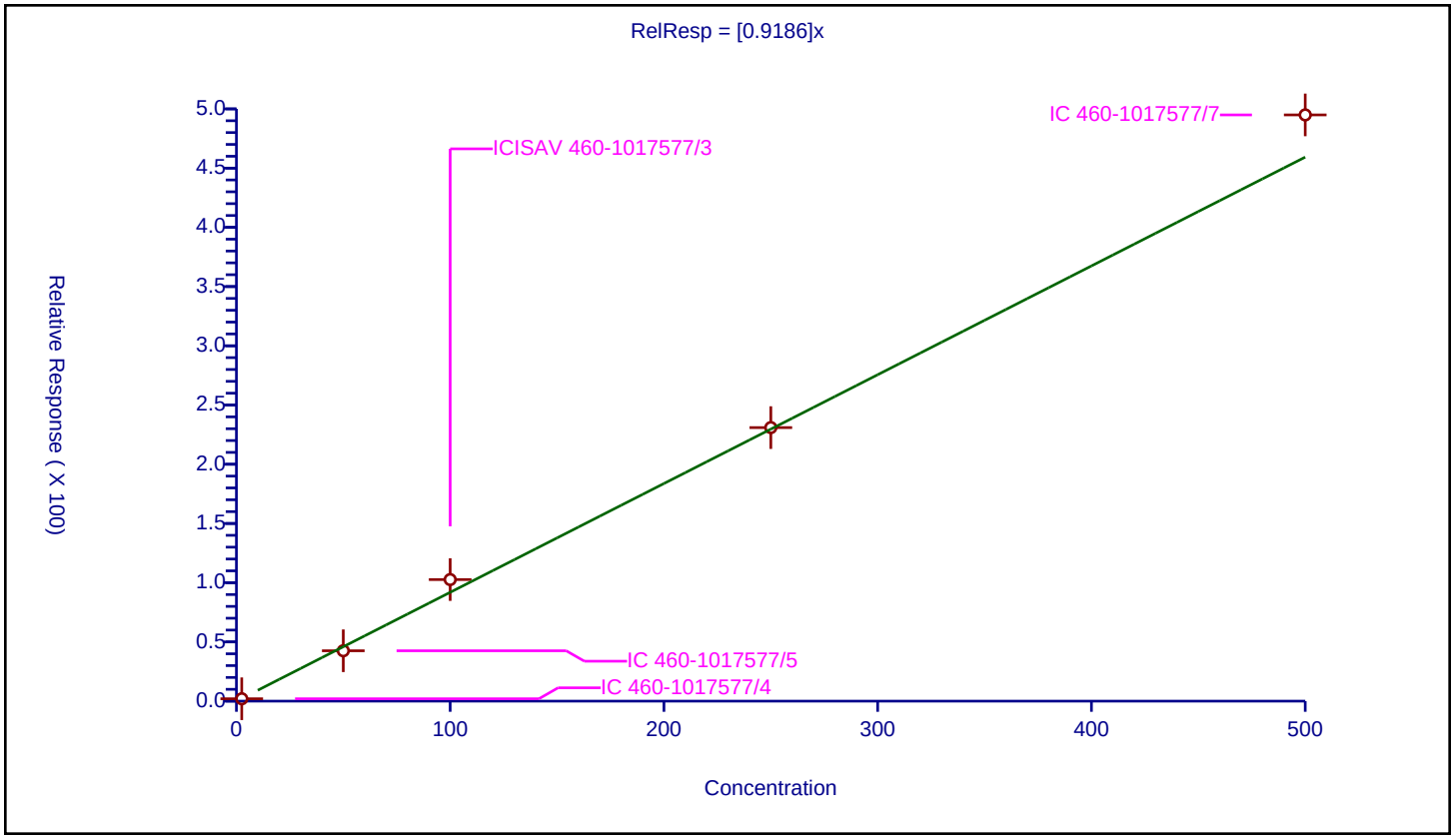
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9186 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.005539 | 100.0 | 388330125.0 | 0.802216 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 42.53775 | 100.0 | 436901293.0 | 0.850755 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 102.629658 | 100.0 | 349577491.0 | 1.026297 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 230.937079 | 100.0 | 450798560.0 | 0.923748 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 494.921297 | 100.0 | 369821510.0 | 0.989843 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

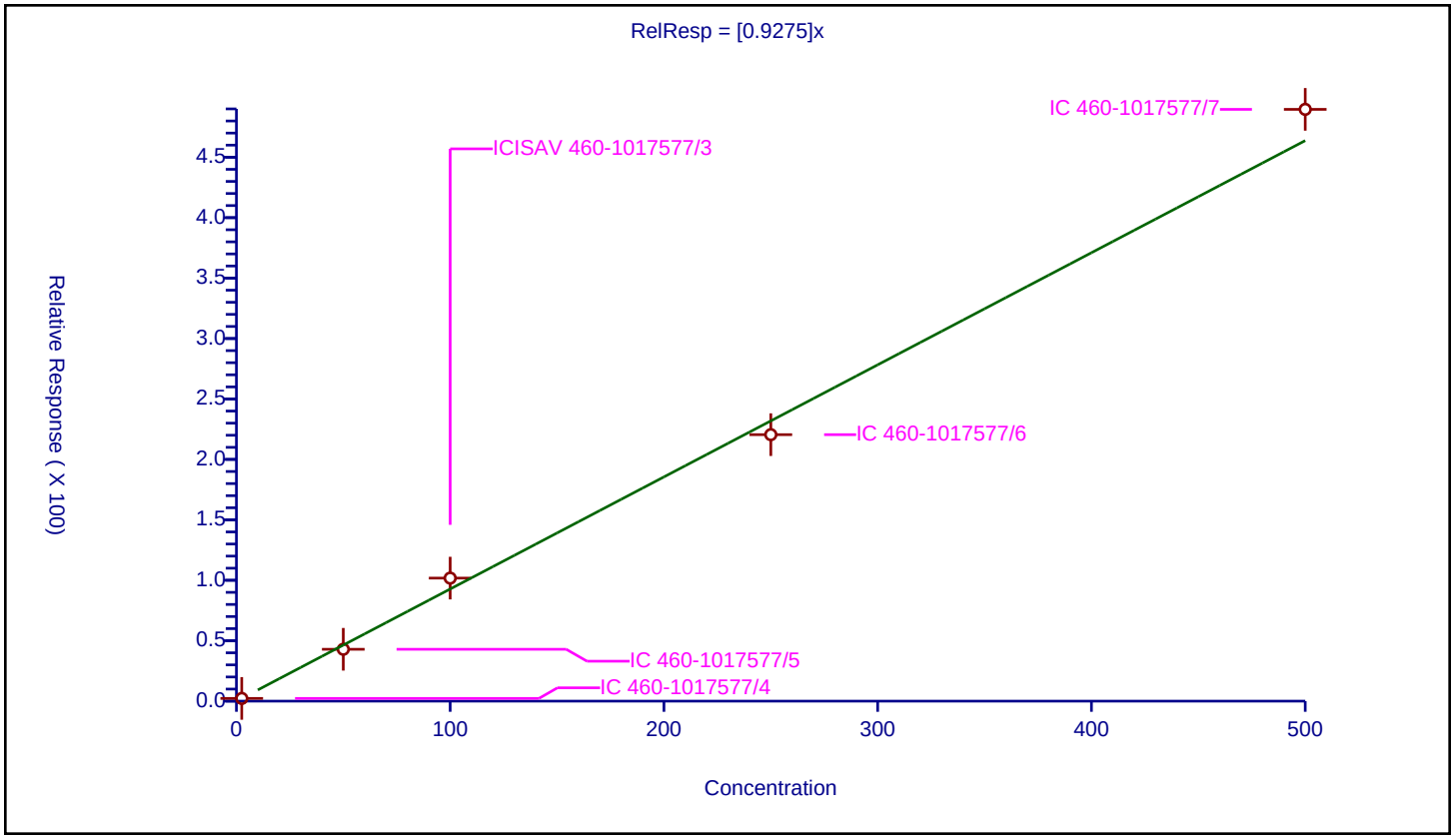
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9275 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.250584 | 100.0 | 388330125.0 | 0.900234 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 42.916278 | 100.0 | 436901293.0 | 0.858326 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 101.784675 | 100.0 | 349577491.0 | 1.017847 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 220.469025 | 100.0 | 450798560.0 | 0.881876 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 489.613801 | 100.0 | 369821510.0 | 0.979228 | Y |



## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

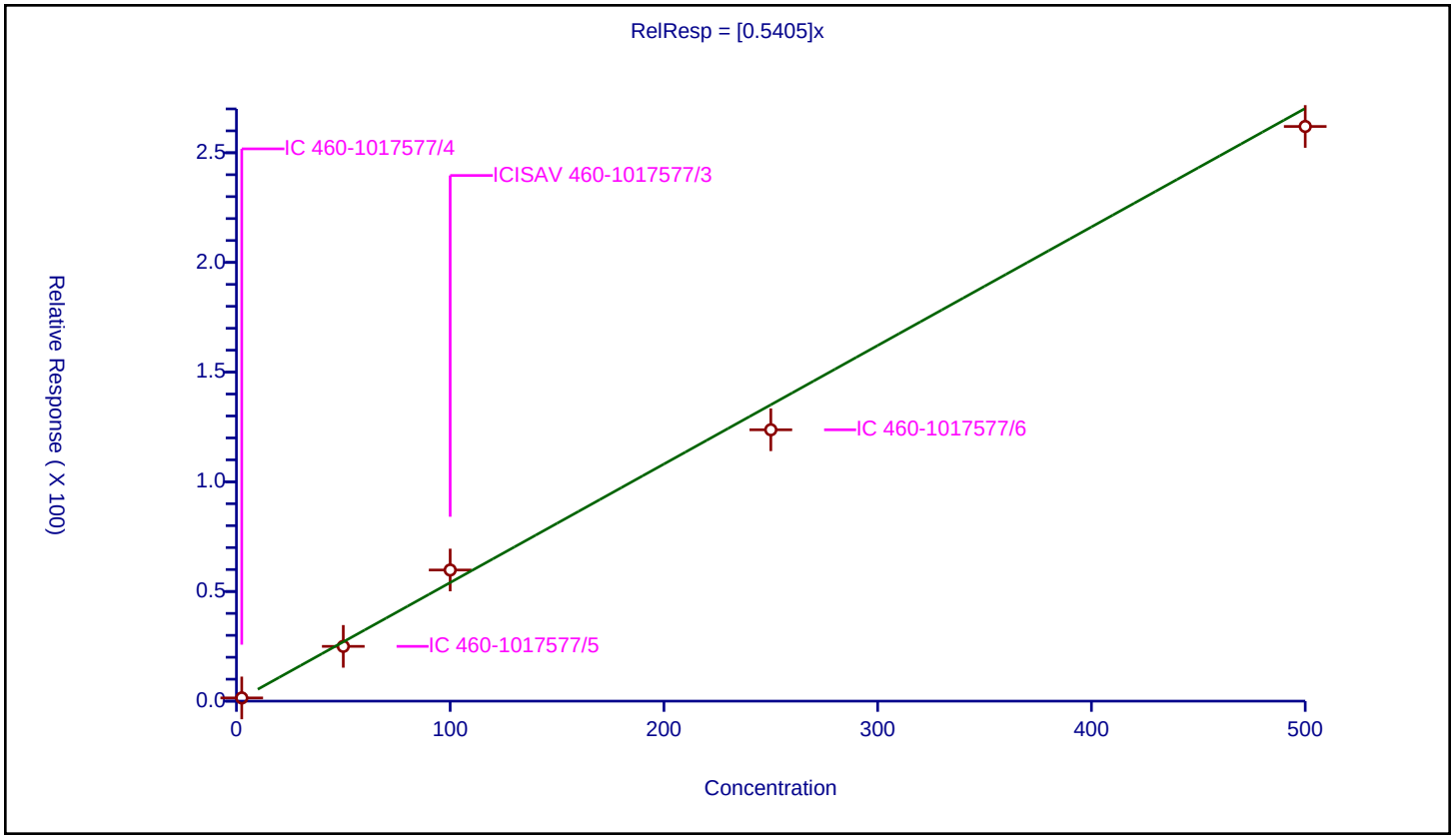
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5405 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 1.465755 | 100.0 | 388330125.0 | 0.586302 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 24.968879 | 100.0 | 436901293.0 | 0.499378 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 59.780319 | 100.0 | 349577491.0 | 0.597803 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 123.705358 | 100.0 | 450798560.0 | 0.494821 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 261.987288 | 100.0 | 369821510.0 | 0.523975 | Y |



## Calibration / Mirex

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

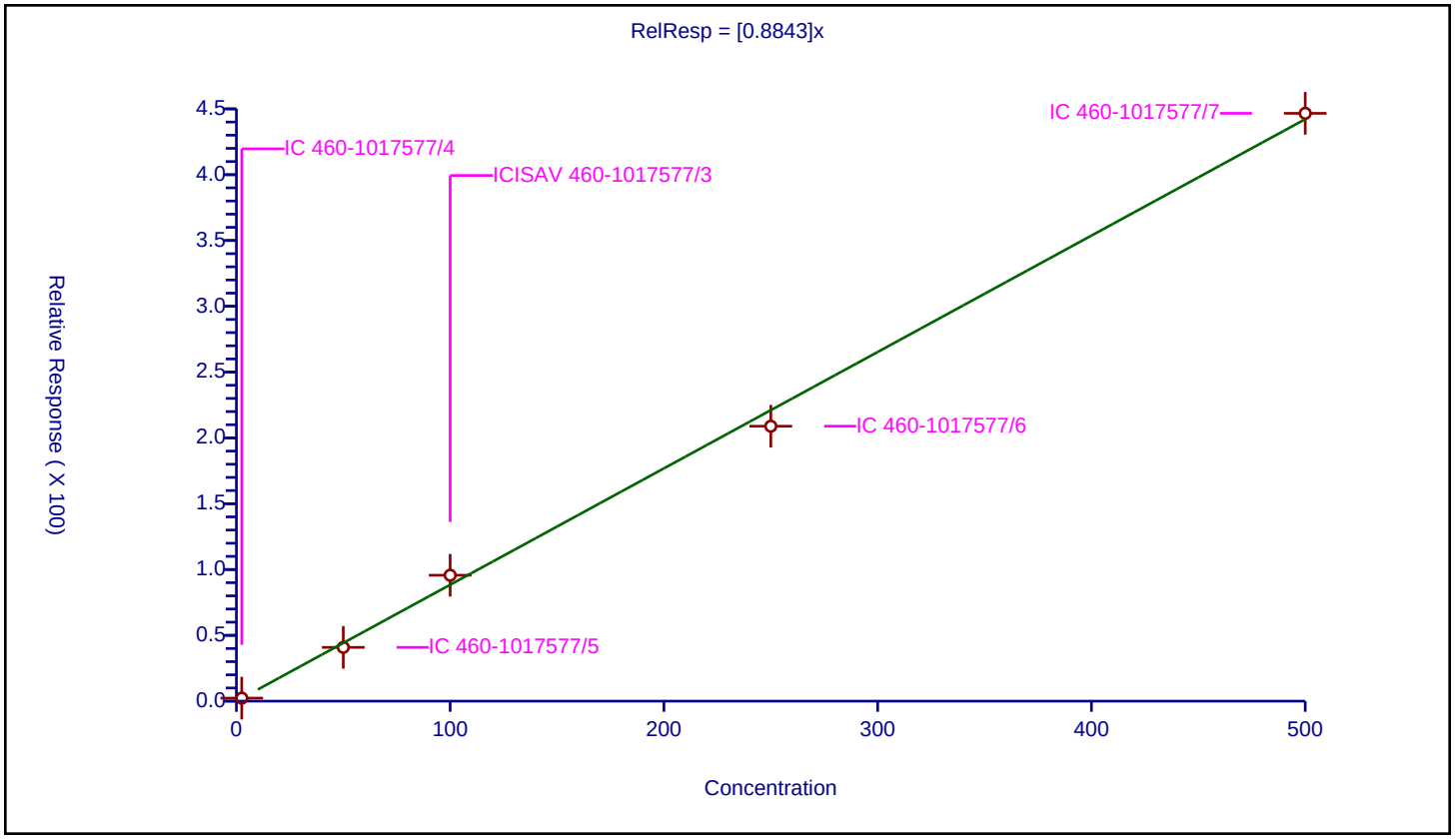
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8843 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.298039 | 100.0 | 388330125.0 | 0.919216 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 40.846039 | 100.0 | 436901293.0 | 0.816921 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 95.665788 | 100.0 | 349577491.0 | 0.956658 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 208.904124 | 100.0 | 450798560.0 | 0.835616 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 446.613616 | 100.0 | 369821510.0 | 0.893227 | Y |



## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

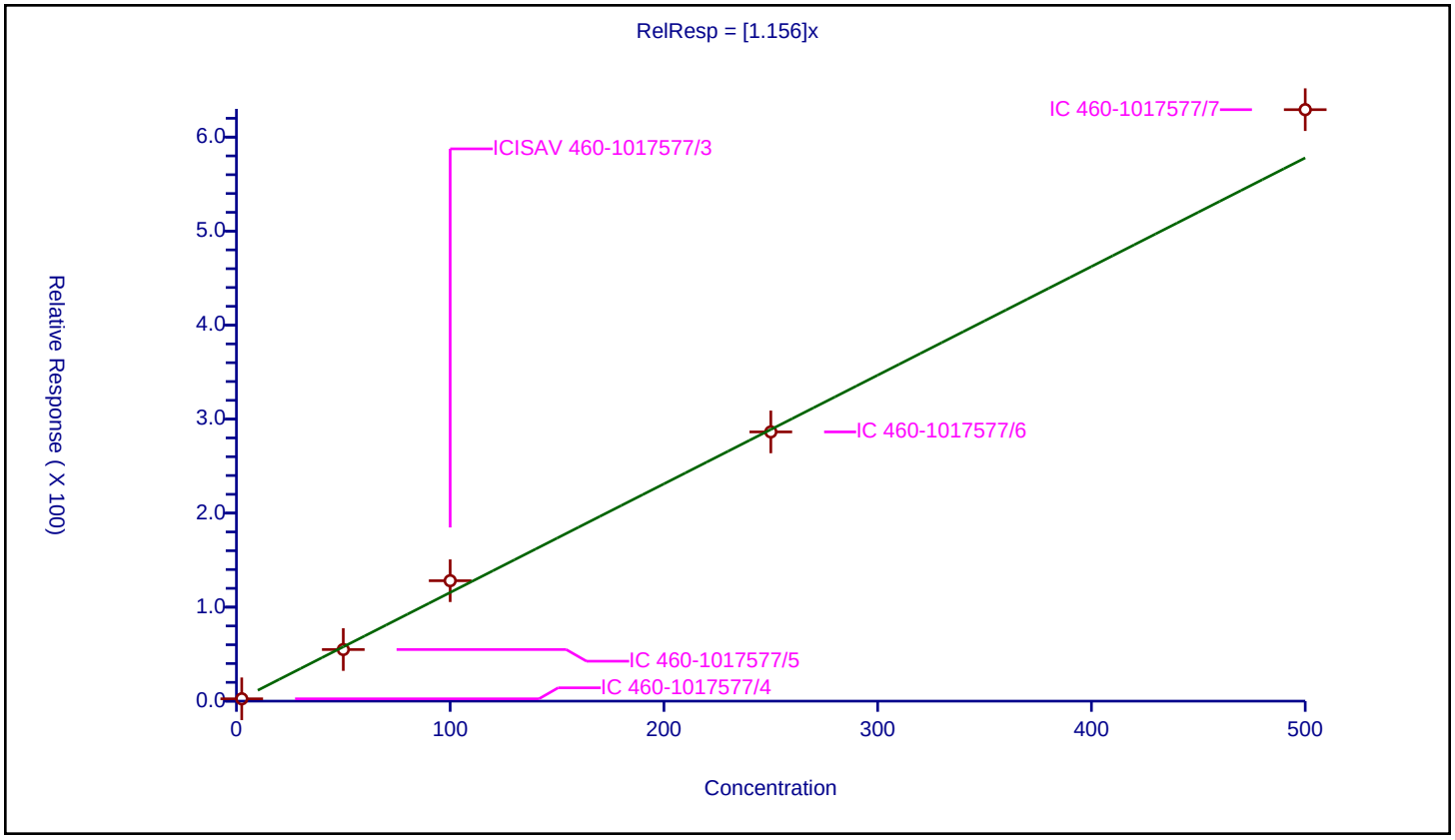
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.156 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.490136 | 100.0 | 388330125.0 | 0.996055 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 54.888264 | 100.0 | 436901293.0 | 1.097765 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 128.114906 | 100.0 | 349577491.0 | 1.281149 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 286.385725 | 100.0 | 450798560.0 | 1.145543 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 629.172735 | 100.0 | 369821510.0 | 1.258345 | Y |



## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

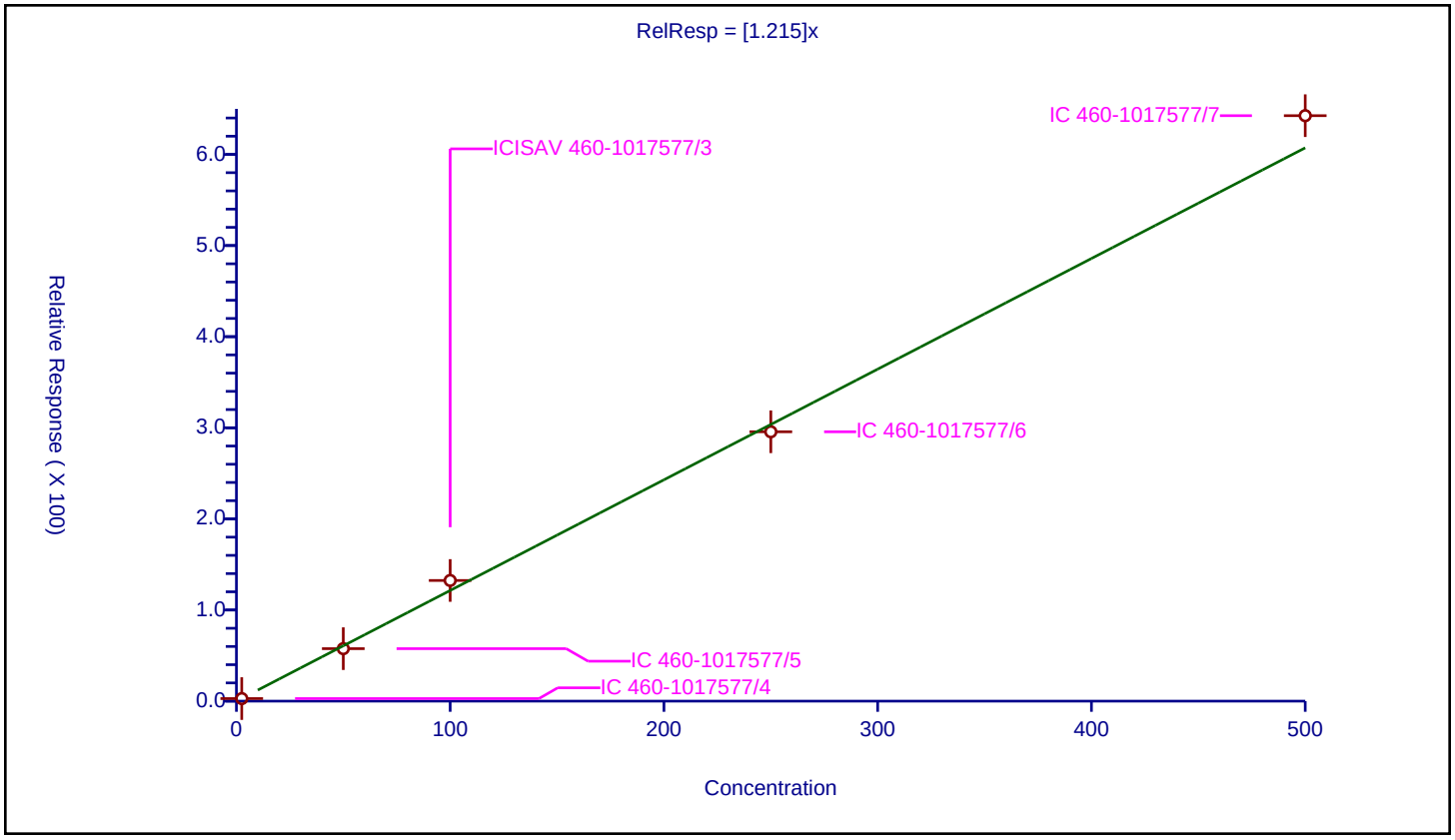
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.215 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 2.5 | 2.821125 | 100.0 | 388330125.0 | 1.12845 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 57.611742 | 100.0 | 436901293.0 | 1.152235 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 132.43263 | 100.0 | 349577491.0 | 1.324326 | Y |
| 4 | IC 460-1017577/6 | 250.0 | 295.620775 | 100.0 | 450798560.0 | 1.182483 | Y |
| 5 | IC 460-1017577/7 | 500.0 | 642.533551 | 100.0 | 369821510.0 | 1.285067 | Y |



## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

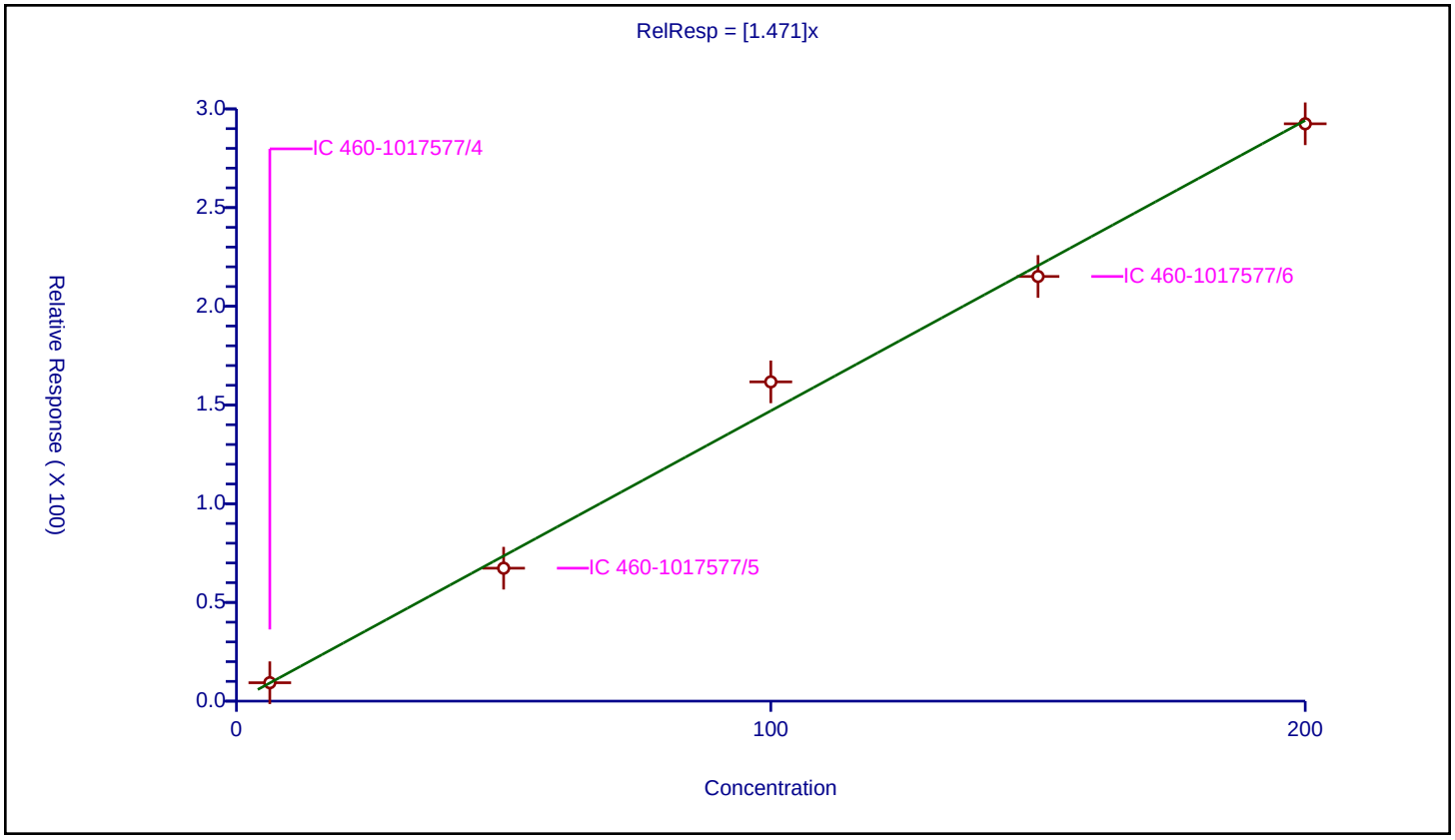
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.471 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017577/4 | 6.25 | 9.333331 | 100.0 | 388330125.0 | 1.493333 | Y |
| 2 | IC 460-1017577/5 | 50.0 | 67.336576 | 100.0 | 436901293.0 | 1.346732 | Y |
| 3 | ICISAV 460-1017577/3 | 100.0 | 161.723453 | 100.0 | 349577491.0 | 1.617235 | Y |
| 4 | IC 460-1017577/6 | 150.0 | 215.112002 | 100.0 | 450798560.0 | 1.43408 | Y |
| 5 | IC 460-1017577/7 | 200.0 | 292.453745 | 100.0 | 369821510.0 | 1.462269 | Y |



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017574

SDG No.:

Instrument ID: CPESTGC12 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 12:54 Calibration End Date: 01/22/2025 13:43 Calibration ID: 99967

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017574/1 | 12F0068067.D |
| Level 2 | IC 460-1017574/2 | 12F0068068.D |
| Level 3 | IC 460-1017574/3 | 12F0068069.D |
| Level 4 | IC 460-1017574/4 | 12F0068070.D |
| Level 5 | IC 460-1017574/5 | 12F0068071.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0221 | 0.0176 | 0.0167 | 0.0172 | 0.0163 | Ave | | 0.0180 | | | | 13.1 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0274 | 0.0198 | 0.0190 | 0.0194 | 0.0186 | Ave | | 0.0208 | | | | 17.7 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0452 | 0.0501 | 0.0484 | 0.0479 | 0.0463 | Ave | | 0.0476 | | | | 4.0 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0311 | 0.0367 | 0.0358 | 0.0373 | 0.0360 | Ave | | 0.0354 | | | | 6.9 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0358 | 0.0453 | 0.0469 | 0.0504 | 0.0495 | Ave | | 0.0456 | | | | 12.8 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017574

SDG No.:

Instrument ID: CPESTGC12 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 12:54 | Calibration End Date: 01/22/2025 13:43 | Calibration ID: 99967

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017574/1 | 12F0068067.D |
| Level 2 | IC 460-1017574/2 | 12F0068068.D |
| Level 3 | IC 460-1017574/3 | 12F0068069.D |
| Level 4 | IC 460-1017574/4 | 12F0068070.D |
| Level 5 | IC 460-1017574/5 | 12F0068071.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 1718594 | 12462817 | 21969918 | 35365991 | 54306736 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 2130303 | 14057980 | 24975538 | 39889336 | 61930852 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 3514083 | 35526467 | 63538409 | 98566183 | 154407196 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 2422224 | 26001607 | 47033311 | 76794674 | 120080060 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 2780682 | 32142464 | 61537999 | 103644291 | 165197490 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Jan-2025 12:54:40 ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-001
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:07 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 155521756 | 100.0 | 100.0 | |
| 2 | 1.441 | 1.442 | -0.001 | 429304845 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.003 | 4.999 | 0.004 | 1718594 | 50.0 | 61.5 | M |
| 1 | 5.509 | 5.511 | -0.002 | 2130303 | 50.0 | 65.7 | M |
| 1 | 5.610 | 5.611 | -0.001 | 3514083 | 50.0 | 47.5 | M |
| 1 | 5.921 | 5.923 | -0.002 | 2422224 | 50.0 | 44.0 | M |
| 1 | 6.671 | 6.670 | 0.001 | 2780682 | 50.0 | 39.2 | M |
| | | Average of Peak Amounts = | | | | 51.6 | |
| 2 | 4.794 | 4.791 | 0.003 | 5149902 | 50.0 | 37.7 | M |
| 2 | 5.066 | 5.066 | 0.000 | 13213287 | 50.0 | 58.7 | M |
| 2 | 5.198 | 5.197 | 0.001 | 16357788 | 50.0 | 62.4 | M |
| 2 | 5.385 | 5.383 | 0.002 | 14097050 | 50.0 | 57.1 | M |
| 2 | 5.753 | 5.750 | 0.003 | 8072929 | 50.0 | 48.0 | M |
| | | Average of Peak Amounts = | | | | 52.8 | |
| | | | | | | RPD = 2.32 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

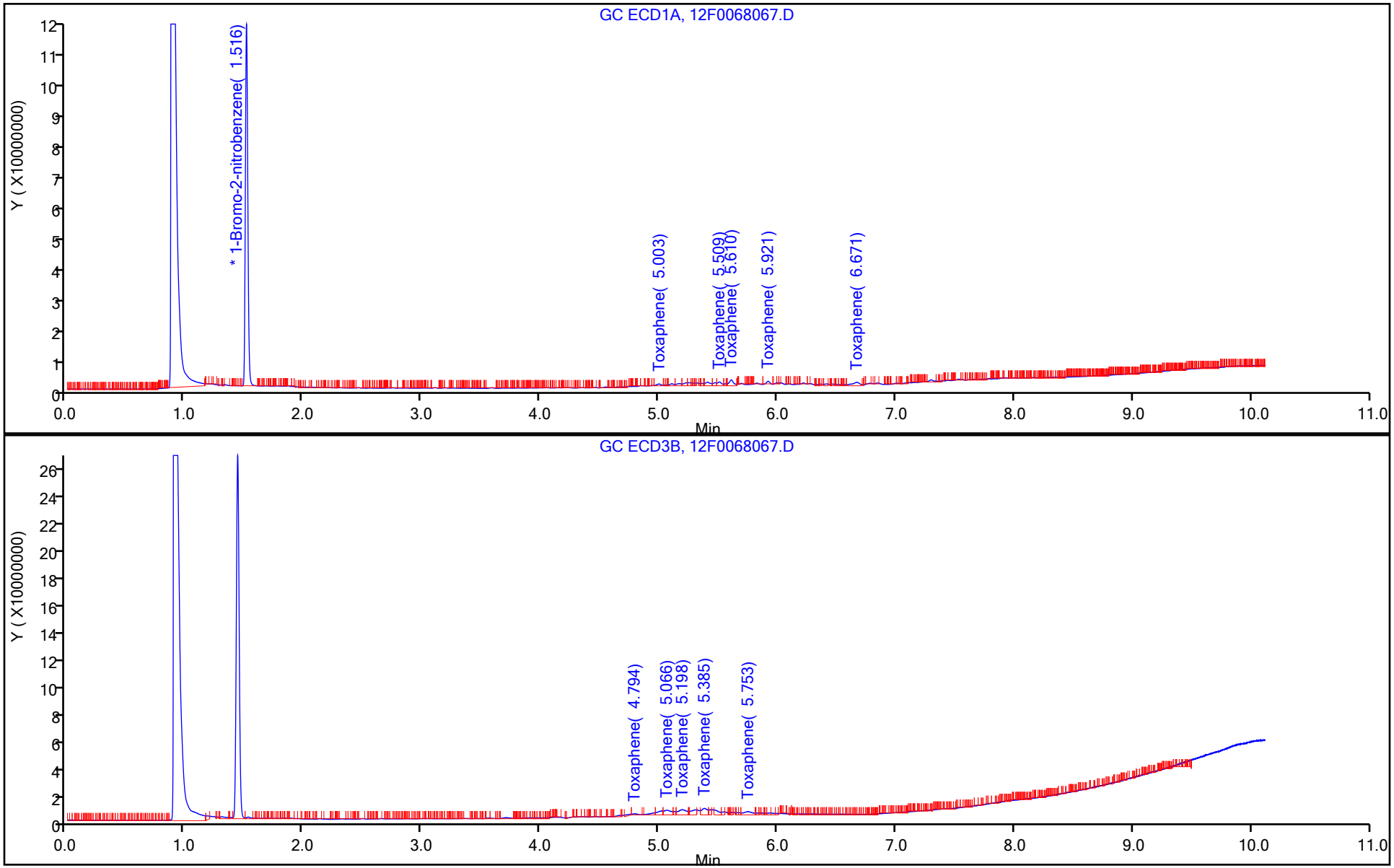
| | | | |
|---|---|---|---|
| SGTOXAPHENEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:08 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 12:54:40 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |





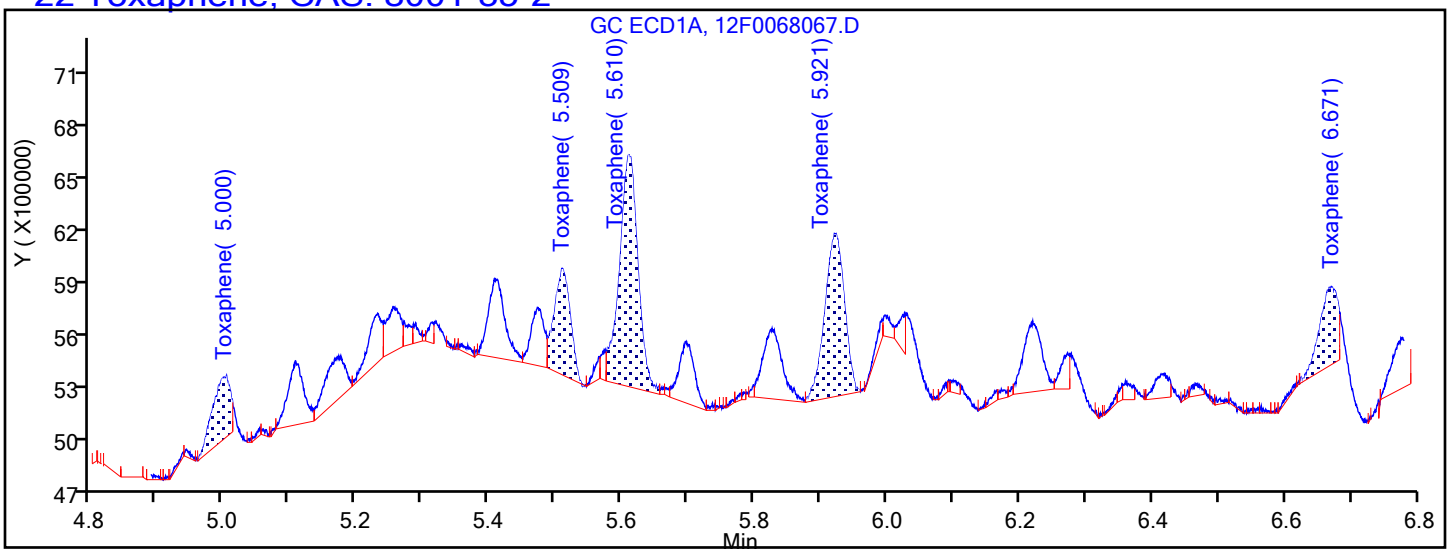

2/14/2025
12:32:58 PM

Report Date: 23-Jan-2025 03:32:08 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

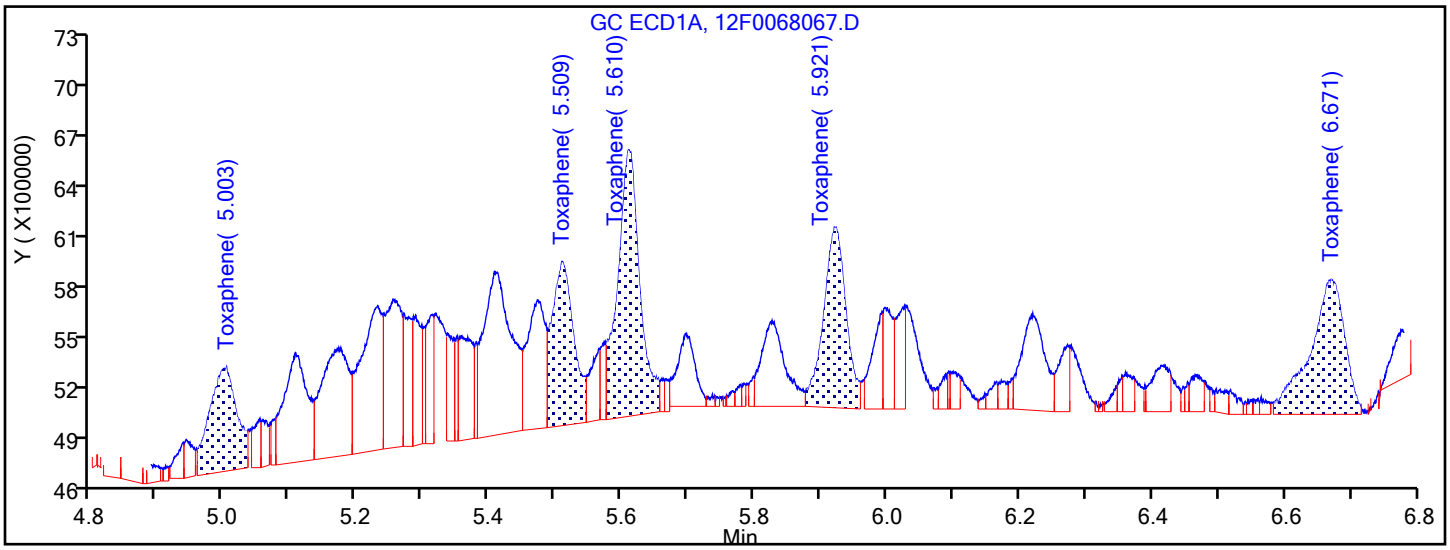
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D
Injection Date: 22-Jan-2025 12:54:40 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 5.000 | Response = 661439 |
| 5.509 | Response = 1009349 |
| 5.610 | Response = 2494794 |
| 5.921 | Response = 1857960 |
| 6.671 | Response = 839982 |




Manual Integration Results

| | | |
|---|---|---|
| 5.003 | Response = 1718594 | M |
| 5.509 | Response = 2130303 | M |
| 5.610 | Response = 3514083 | M |
| 5.921 | Response = 2422224 | M |
| 6.671 | Response = 2780682 | M |

Reviewer: ESS0, 23-Jan-2025 03:01:39 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Jan-2025 13:06:55 ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-002
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:14 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.517 | 0.000 | 141794231 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 405883926 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.000 | 4.999 | 0.001 | 12462817 | 500.0 | 488.8 | M |
| 1 | 5.510 | 5.511 | -0.001 | 14057980 | 500.0 | 475.6 | M |
| 1 | 5.611 | 5.611 | 0.000 | 35526467 | 500.0 | 526.5 | M |
| 1 | 5.923 | 5.923 | 0.000 | 26001607 | 500.0 | 518.0 | M |
| 1 | 6.672 | 6.670 | 0.002 | 32142464 | 500.0 | 497.3 | M |
| | | Average of Peak Amounts = | | | | 501.3 | |
| 2 | 4.789 | 4.791 | -0.002 | 58646367 | 500.0 | 454.5 | M |
| 2 | 5.062 | 5.066 | -0.004 | 87158901 | 500.0 | 409.7 | M |
| 2 | 5.197 | 5.197 | 0.000 | 112436485 | 500.0 | 453.4 | M |
| 2 | 5.385 | 5.383 | 0.002 | 105295850 | 500.0 | 450.9 | M |
| 2 | 5.752 | 5.750 | 0.002 | 72640805 | 500.0 | 457.1 | M |
| | | Average of Peak Amounts = | | | | 445.1 | |
| | | | | | | RPD = 11.86 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

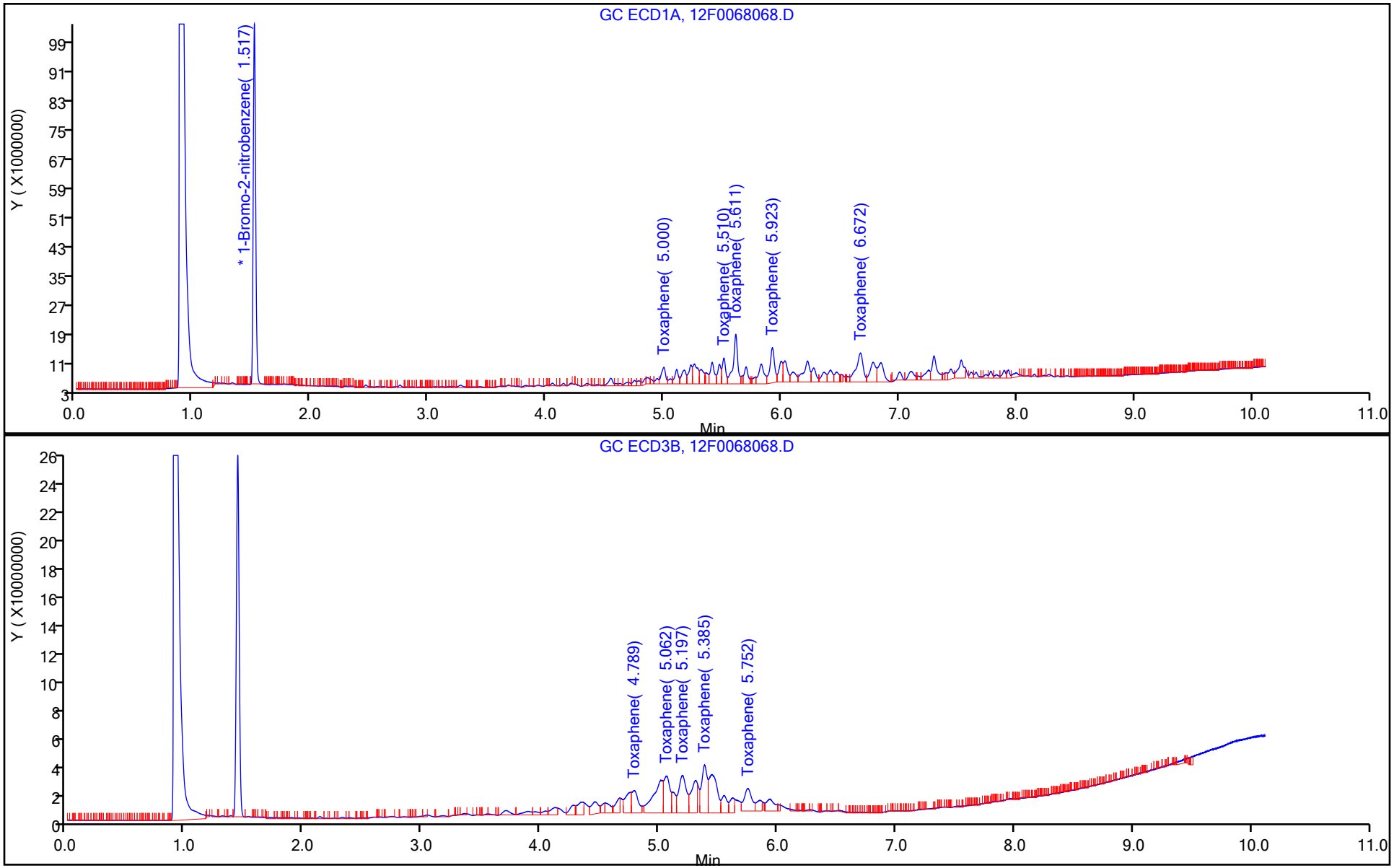
SGTOXAPHENEL3_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2025 03:32:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:06:55 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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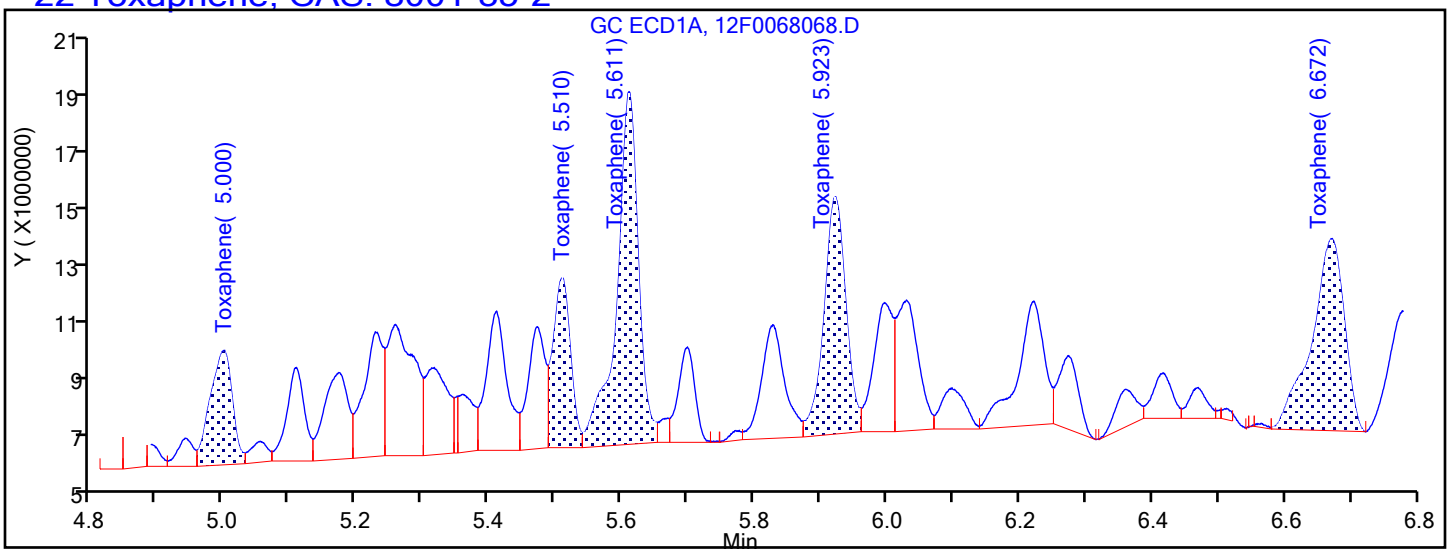
Report Date: 23-Jan-2025 03:32:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

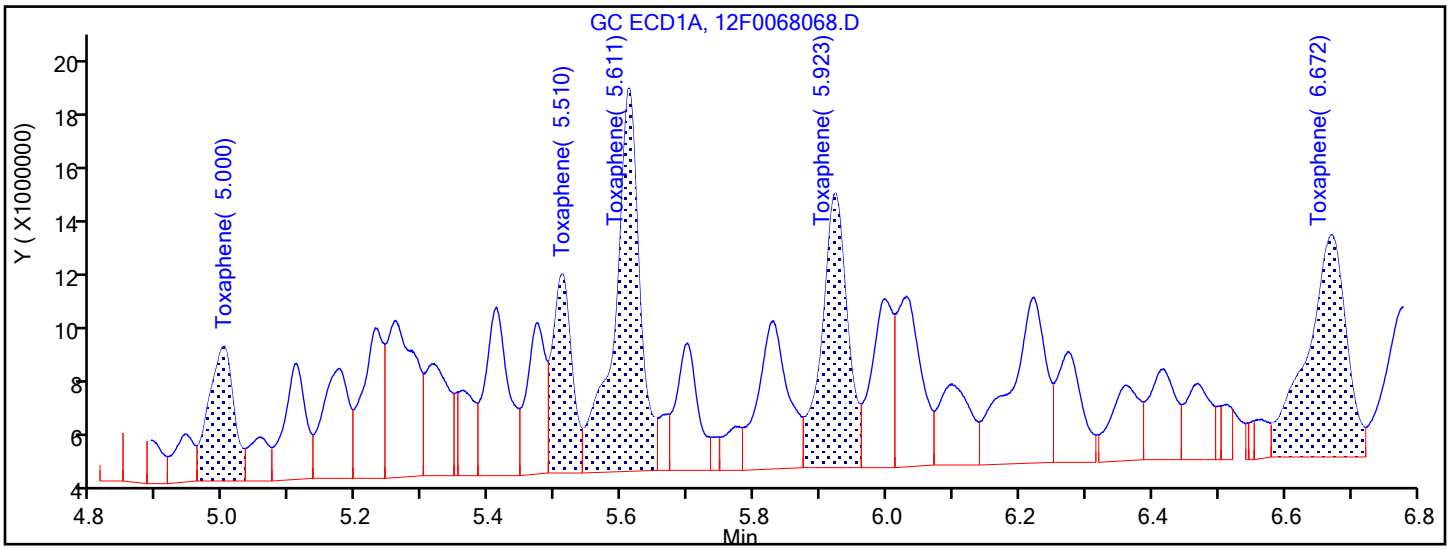
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D
Injection Date: 22-Jan-2025 13:06:55 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 5.000 | Response = 9211043 |
| 5.510 | Response = 10795983 |
| 5.611 | Response = 28000971 |
| 5.923 | Response = 19206492 |
| 6.672 | Response = 22780948 |




Manual Integration Results

| | | |
|---|---|---|
| 5.000 | Response = 12462817 | M |
| 5.510 | Response = 14057980 | M |
| 5.611 | Response = 35526467 | M |
| 5.923 | Response = 26001607 | M |
| 6.672 | Response = 32142464 | M |

Reviewer: ESS0, 23-Jan-2025 02:59:27 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Jan-2025 13:19:14 ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:20 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:49

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.517 | 0.000 | 131213048 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 349369688 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.999 | 4.999 | 0.000 | 21969918 | 1000.0 | 931.2 | M |
| 1 | 5.511 | 5.511 | 0.000 | 24975538 | 1000.0 | 913.2 | M |
| 1 | 5.611 | 5.611 | 0.000 | 63538409 | 1000.0 | 1017.6 | M |
| 1 | 5.923 | 5.923 | 0.000 | 47033311 | 1000.0 | 1012.5 | M |
| 1 | 6.670 | 6.670 | 0.000 | 61537999 | 1000.0 | 1028.9 | M |
| | | Average of Peak Amounts = | | | | 980.7 | |
| 2 | 4.791 | 4.791 | 0.000 | 119095792 | 1000.0 | 1072.3 | M |
| 2 | 5.066 | 5.066 | 0.000 | 189075723 | 1000.0 | 1032.6 | M |
| 2 | 5.197 | 5.197 | 0.000 | 203654983 | 1000.0 | 954.0 | M |
| 2 | 5.383 | 5.383 | 0.000 | 193054188 | 1000.0 | 960.5 | M |
| 2 | 5.750 | 5.750 | 0.000 | 141981342 | 1000.0 | 1038.0 | M |
| | | Average of Peak Amounts = | | | | 1011.5 | |
| | | | | | | RPD = 3.09 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

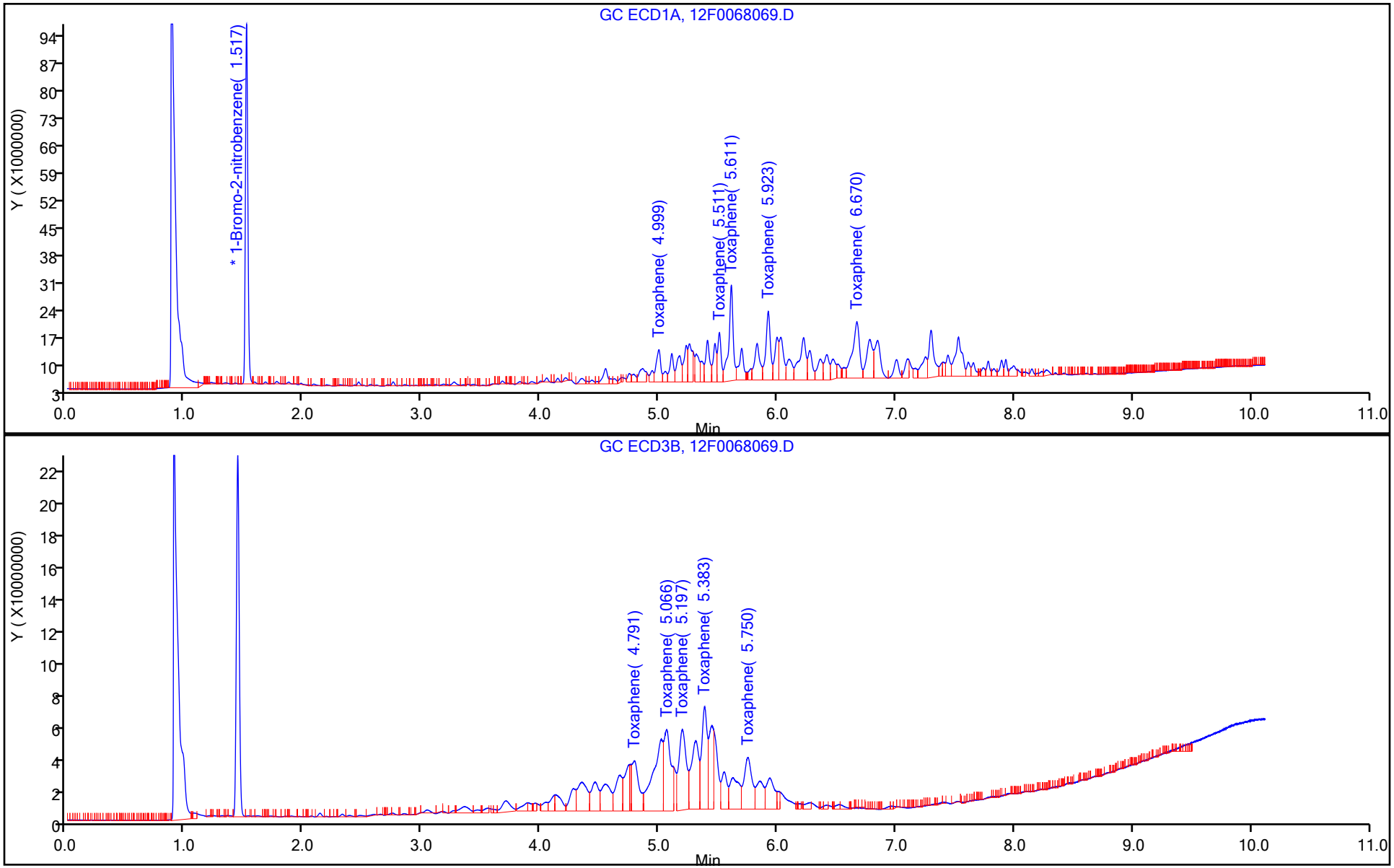
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2025 03:32:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:19:14 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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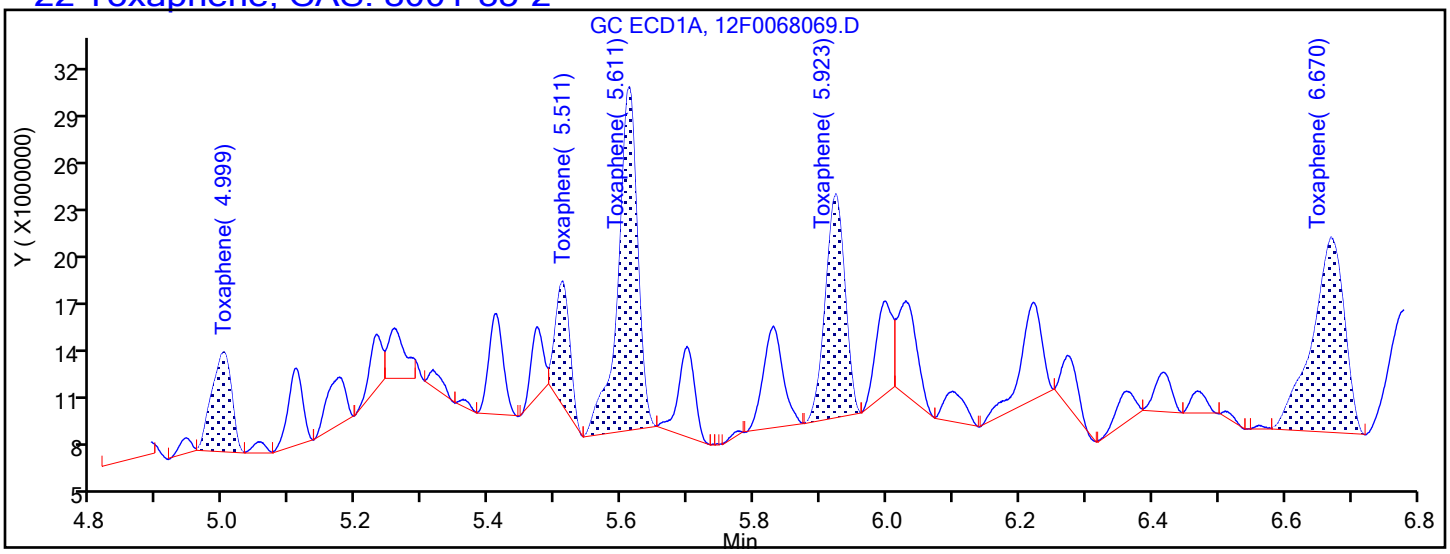
Report Date: 23-Jan-2025 03:32:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

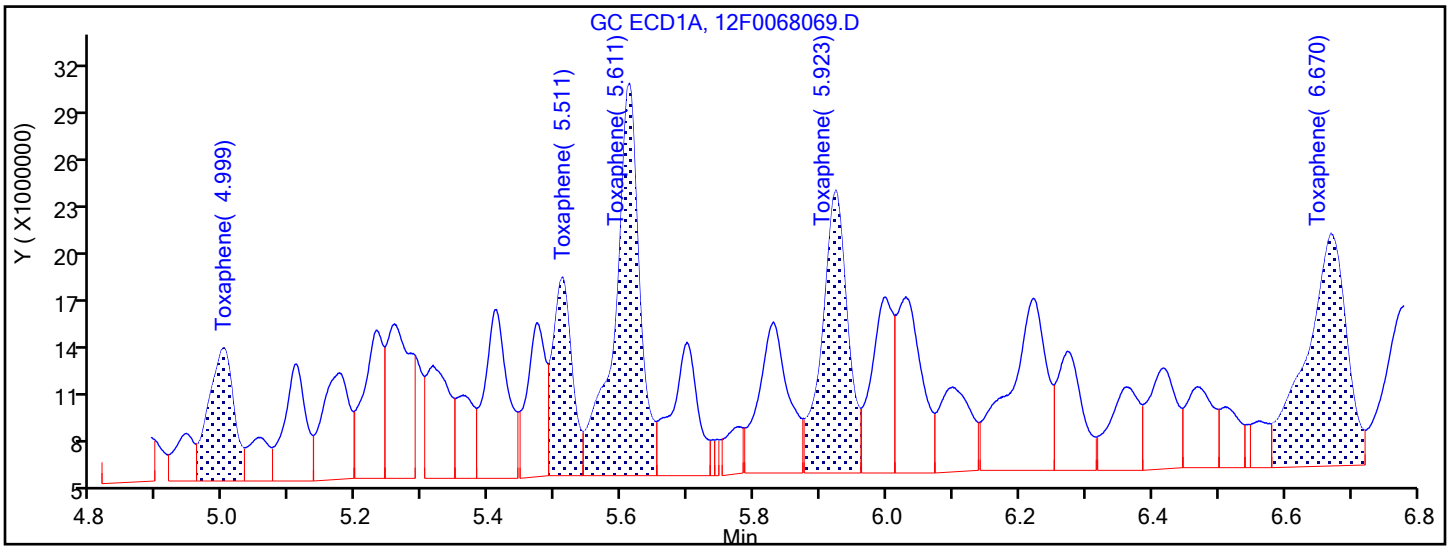
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D
Injection Date: 22-Jan-2025 13:19:14 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.999 | Response = 12690673 |
| 5.511 | Response = 11293128 |
| 5.611 | Response = 43333641 |
| 5.923 | Response = 28062128 |
| 6.670 | Response = 40897207 |




Manual Integration Results

| | | |
|---|---|---|
| 4.999 | Response = 21969918 | M |
| 5.511 | Response = 24975538 | M |
| 5.611 | Response = 63538409 | M |
| 5.923 | Response = 47033311 | M |
| 6.670 | Response = 61537999 | M |

Reviewer: ESS0, 23-Jan-2025 02:59:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jan-2025 13:31:37 ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:24 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 03:00:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 137089136 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 363103765 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.000 | 4.999 | 0.001 | 35365991 | 1500.0 | 1434.8 | M |
| 1 | 5.510 | 5.511 | -0.001 | 39889336 | 1500.0 | 1396.0 | M |
| 1 | 5.611 | 5.611 | 0.000 | 98566183 | 1500.0 | 1510.9 | M |
| 1 | 5.922 | 5.923 | -0.001 | 76794674 | 1500.0 | 1582.4 | M |
| 1 | 6.669 | 6.670 | -0.001 | 103644291 | 1500.0 | 1658.6 | M |
| | | Average of Peak Amounts = | | | | 1516.5 | |
| 2 | 4.791 | 4.791 | 0.000 | 213334711 | 1500.0 | 1848.1 | M |
| 2 | 5.064 | 5.066 | -0.002 | 279384109 | 1500.0 | 1468.1 | M |
| 2 | 5.199 | 5.197 | 0.002 | 318292134 | 1500.0 | 1434.6 | M |
| 2 | 5.386 | 5.383 | 0.003 | 315230868 | 1500.0 | 1509.1 | M |
| 2 | 5.749 | 5.750 | -0.001 | 229474390 | 1500.0 | 1614.1 | M |
| | | Average of Peak Amounts = | | | | 1574.8 | |
| | | | | | | RPD = 3.77 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

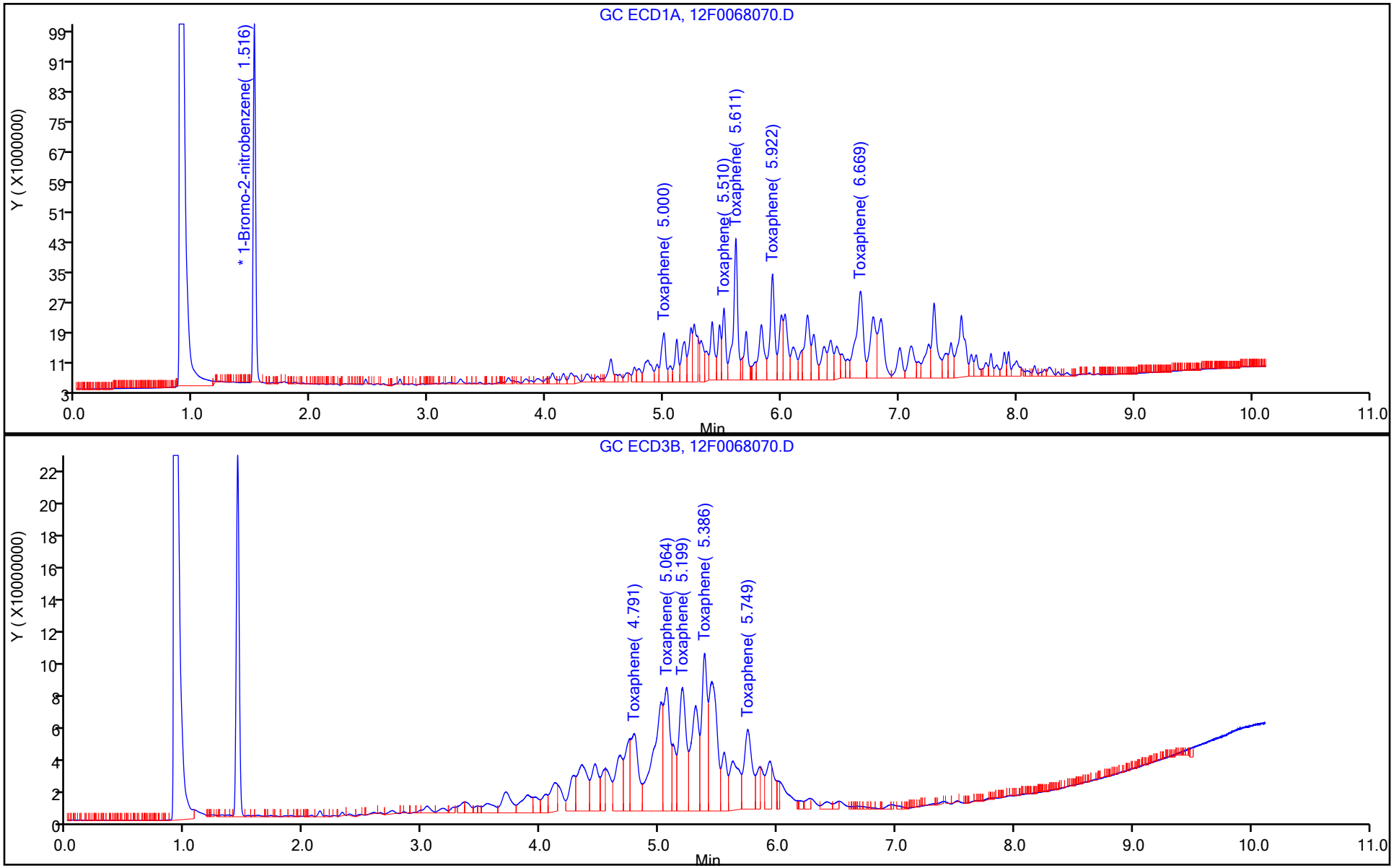
| | | | |
|---|---|---|---|
| SGTOXAPHENEL5_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:31:37 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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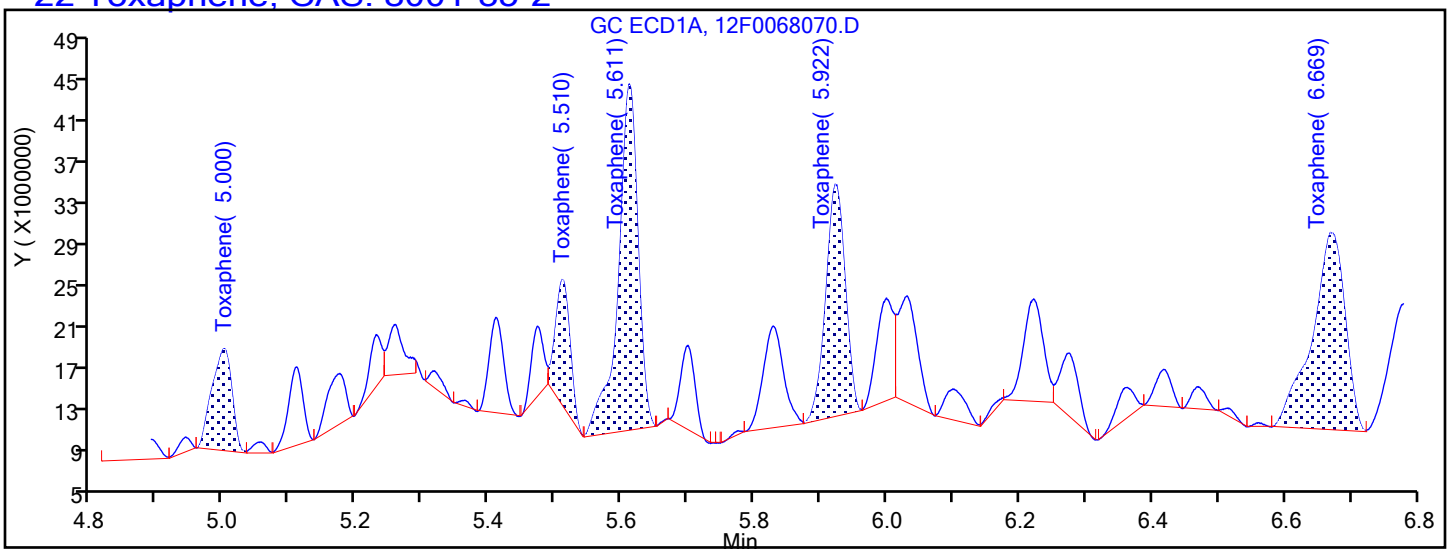
Report Date: 23-Jan-2025 03:32:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

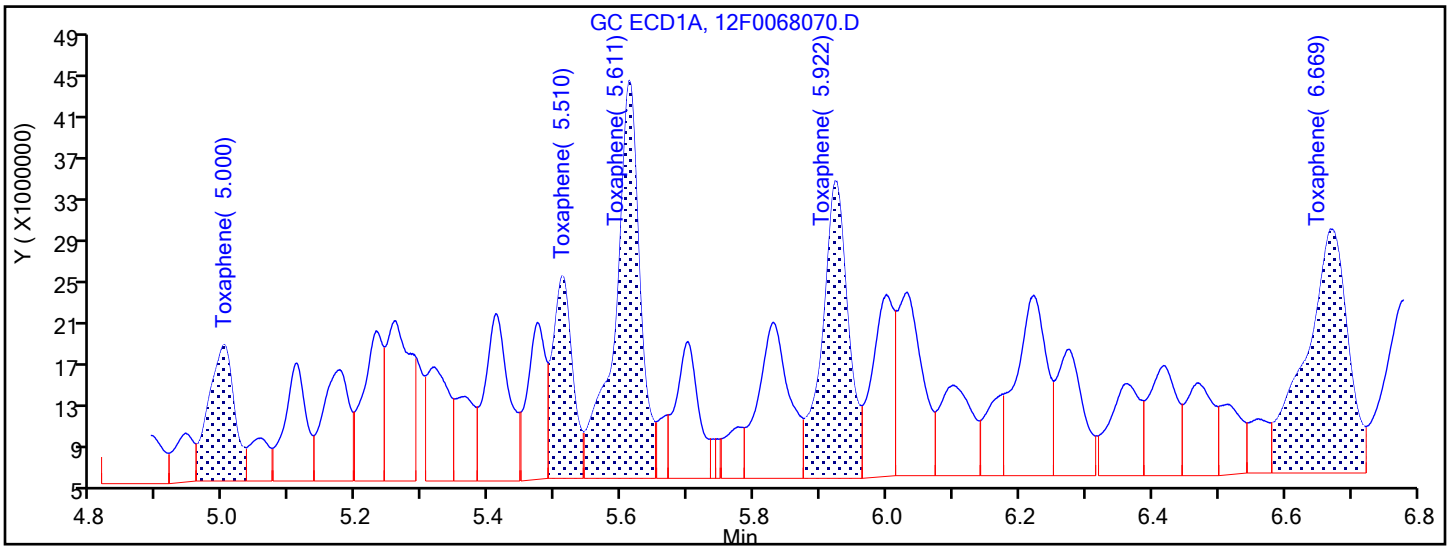
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D
Injection Date: 22-Jan-2025 13:31:37 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 5.000 | Response = 19832714 |
| 5.510 | Response = 17982716 |
| 5.611 | Response = 66749717 |
| 5.922 | Response = 44074022 |
| 6.669 | Response = 64234106 |




Manual Integration Results

| | | |
|---|---|---|
| 5.000 | Response = 35365991 | M |
| 5.510 | Response = 39889336 | M |
| 5.611 | Response = 98566183 | M |
| 5.922 | Response = 76794674 | M |
| 6.669 | Response = 103644291 | M |

Reviewer: ESS0, 23-Jan-2025 02:59:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Jan-2025 13:43:50 ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:28 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 03:00:25

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 133453587 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 357207726 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.999 | 4.999 | 0.000 | 54306736 | 2500.0 | 2263.3 | M |
| 1 | 5.510 | 5.511 | -0.001 | 61930852 | 2500.0 | 2226.4 | M |
| 1 | 5.611 | 5.611 | 0.000 | 154407196 | 2500.0 | 2431.3 | M |
| 1 | 5.923 | 5.923 | 0.000 | 120080060 | 2500.0 | 2541.7 | M |
| 1 | 6.672 | 6.670 | 0.002 | 165197490 | 2500.0 | 2715.7 | M |
| | | Average of Peak Amounts = | | | | 2435.7 | |
| 2 | 4.792 | 4.791 | 0.001 | 292953607 | 2500.0 | 2579.8 | M |
| 2 | 5.063 | 5.066 | -0.003 | 465501809 | 2500.0 | 2486.5 | M |
| 2 | 5.194 | 5.197 | -0.003 | 510499757 | 2500.0 | 2339.0 | M |
| 2 | 5.385 | 5.383 | 0.002 | 508582809 | 2500.0 | 2474.9 | M |
| 2 | 5.749 | 5.750 | -0.001 | 353565820 | 2500.0 | 2528.0 | M |
| | | Average of Peak Amounts = | | | | 2481.6 | |
| | | | | | | RPD = 1.87 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

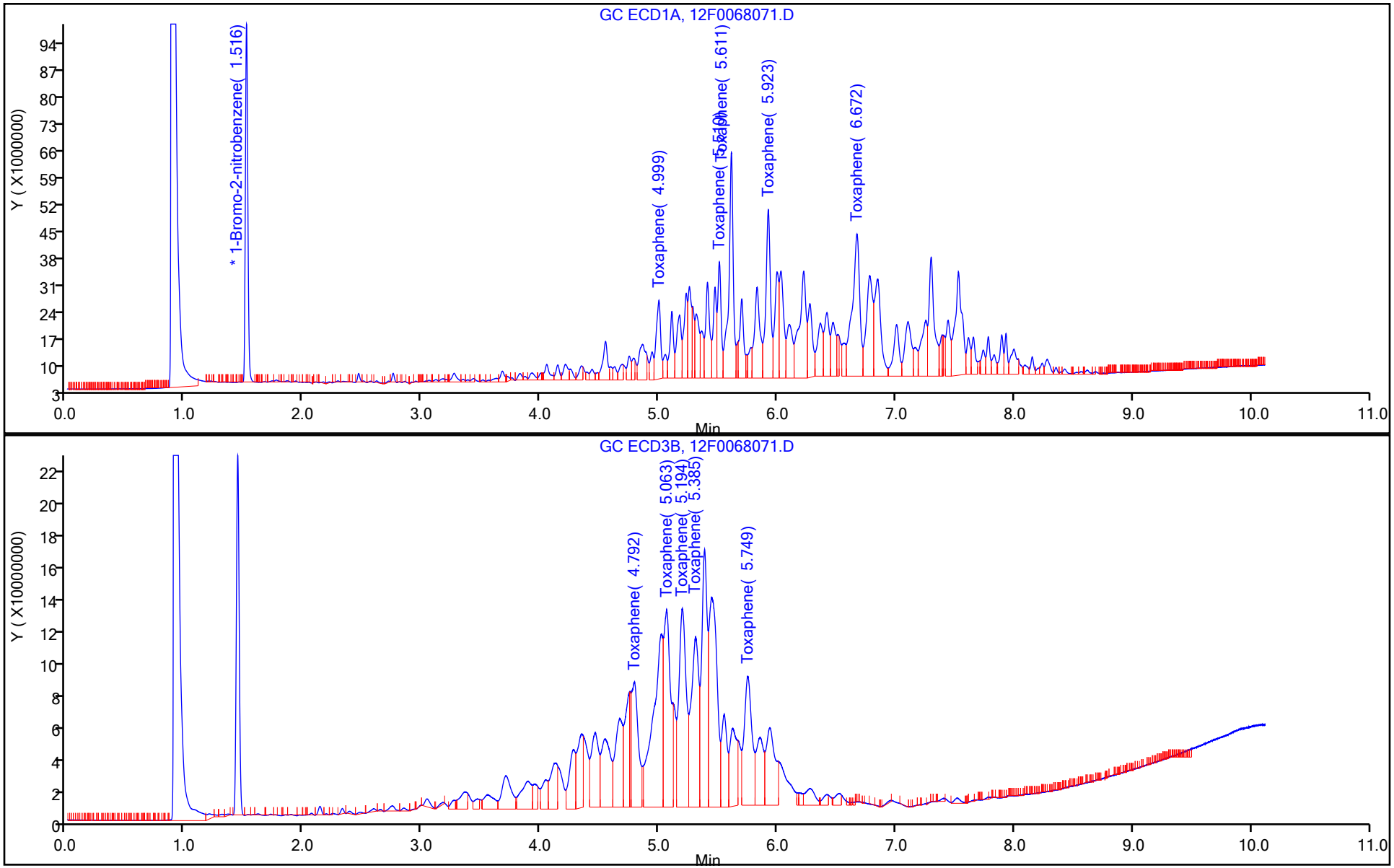
| | | | |
|---|---|---|---|
| SGTOXAPHENEL6_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:43:50 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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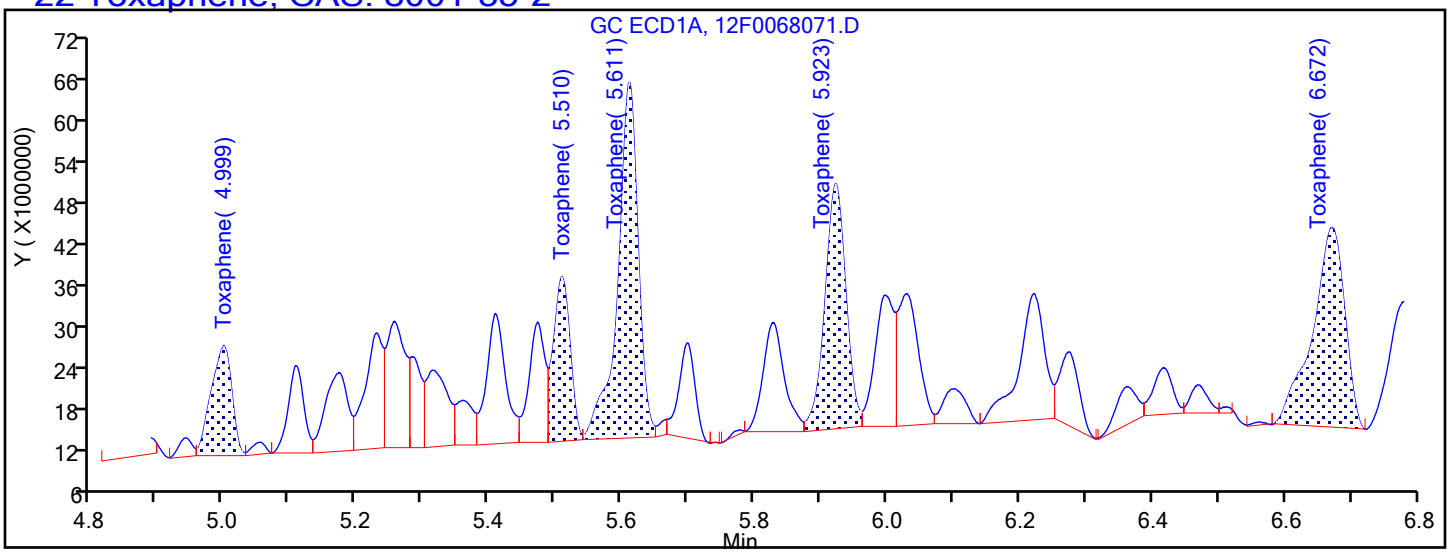
Report Date: 23-Jan-2025 03:32:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

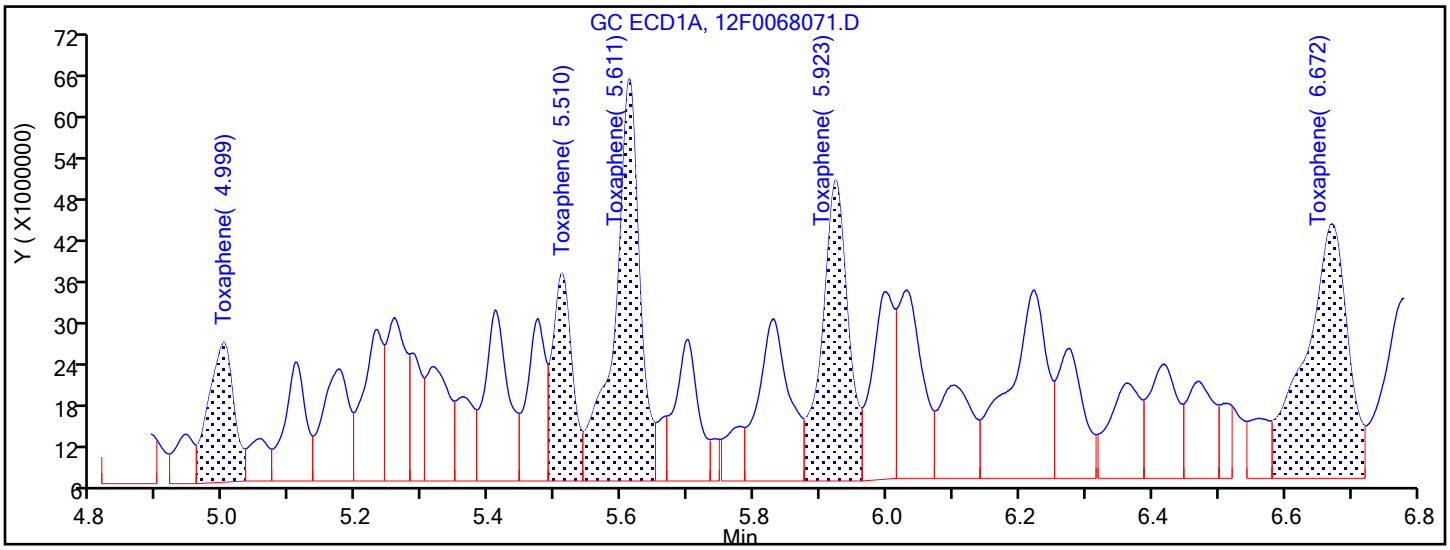
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D
Injection Date: 22-Jan-2025 13:43:50 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.999 | Response = 34825482 |
| 5.510 | Response = 42006307 |
| 5.611 | Response = 110628867 |
| 5.923 | Response = 78675760 |
| 6.672 | Response = 98628372 |




Manual Integration Results

| | | |
|---|---|---|
| 4.999 | Response = 54306736 | M |
| 5.510 | Response = 61930852 | M |
| 5.611 | Response = 154407196 | M |
| 5.923 | Response = 120080060 | M |
| 6.672 | Response = 165197490 | M |

Reviewer: ESS0, 23-Jan-2025 03:00:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

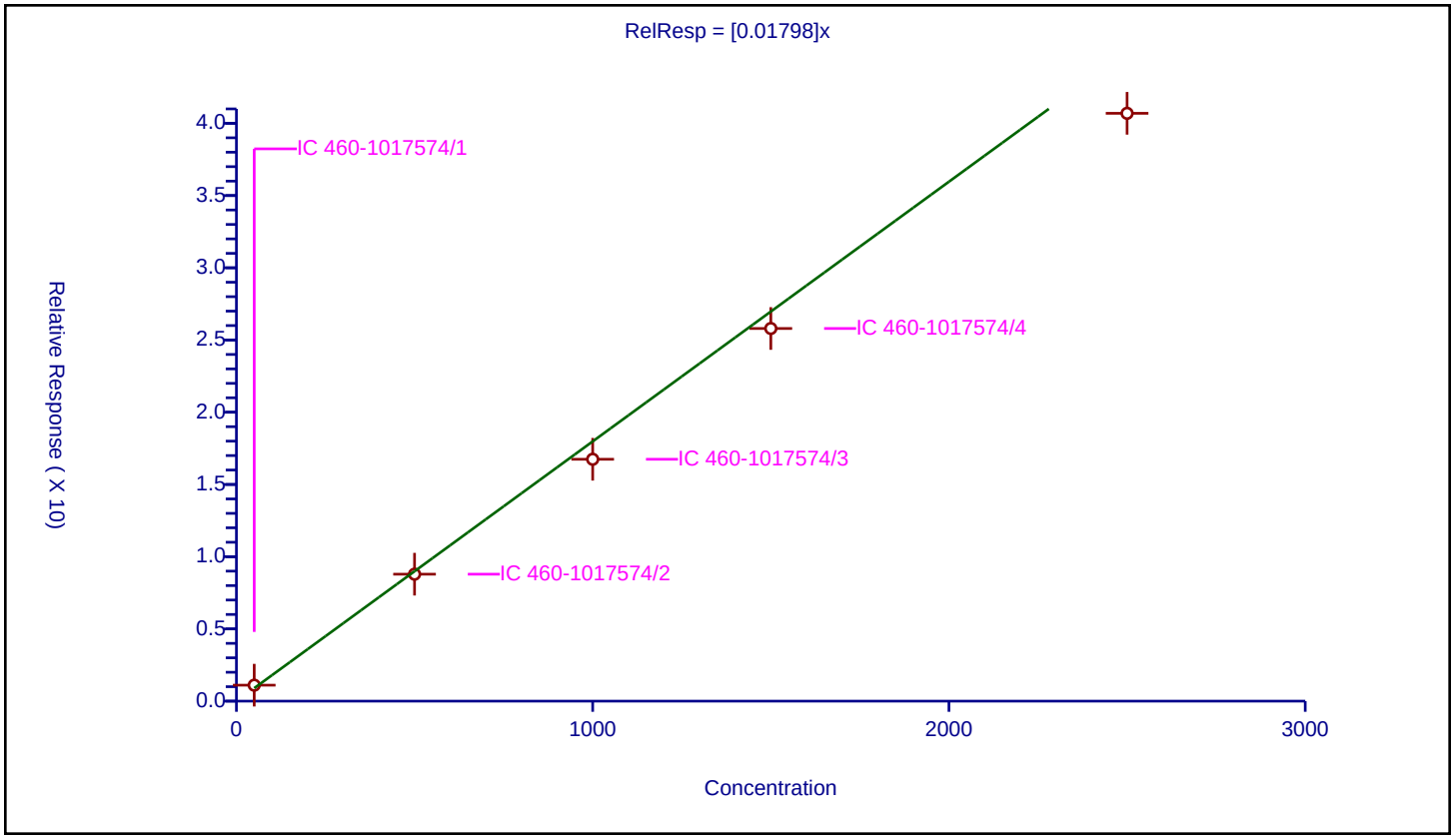
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01798 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.105051 | 100.0 | 155521756.0 | 0.022101 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 8.789368 | 100.0 | 141794231.0 | 0.017579 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 16.743699 | 100.0 | 131213048.0 | 0.016744 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 25.797807 | 100.0 | 137089136.0 | 0.017199 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 40.693351 | 100.0 | 133453587.0 | 0.016277 | Y |



## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

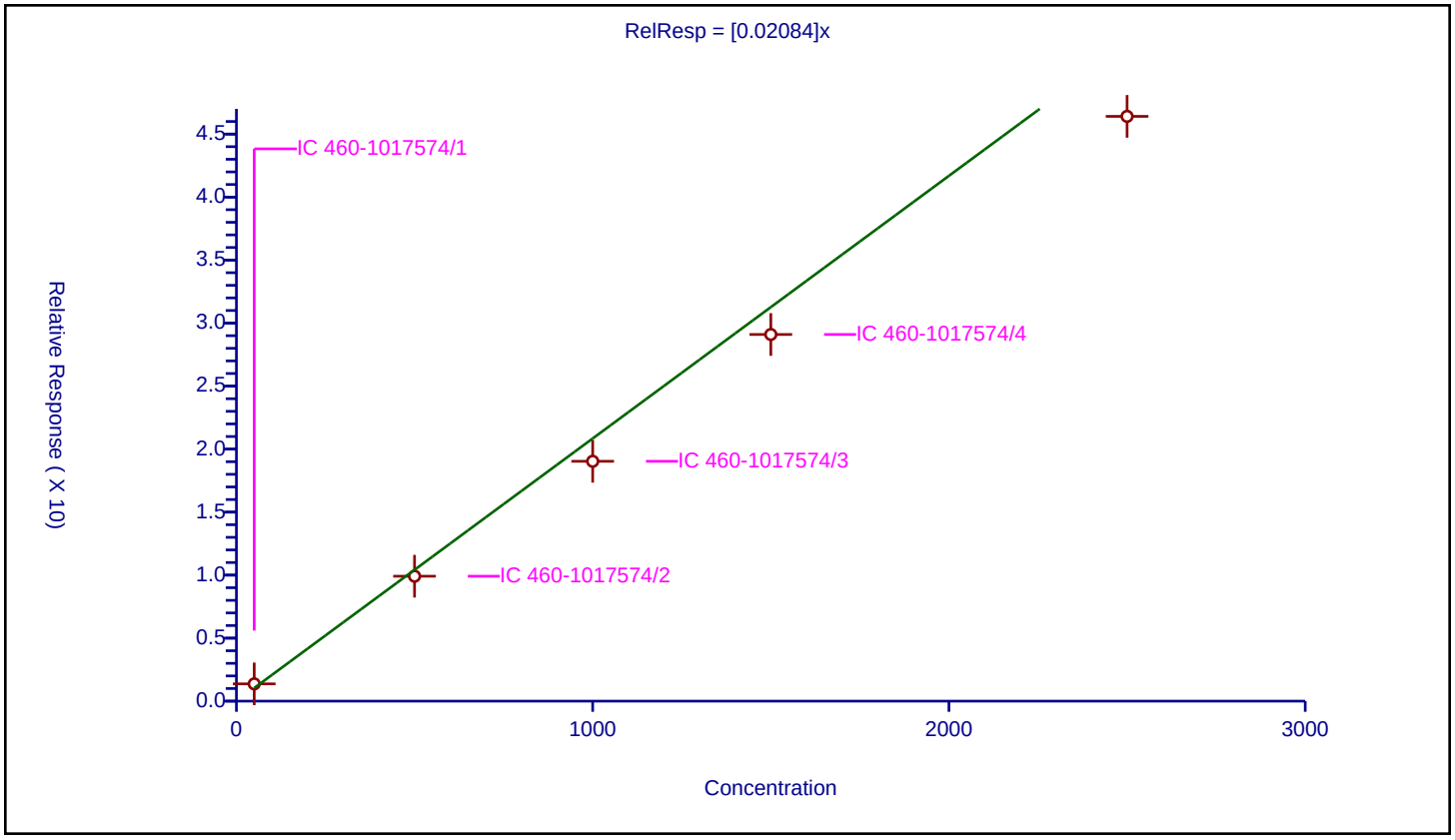
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02084 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.369778 | 100.0 | 155521756.0 | 0.027396 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 9.914353 | 100.0 | 141794231.0 | 0.019829 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 19.03434 | 100.0 | 131213048.0 | 0.019034 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 29.097372 | 100.0 | 137089136.0 | 0.019398 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 46.406285 | 100.0 | 133453587.0 | 0.018563 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

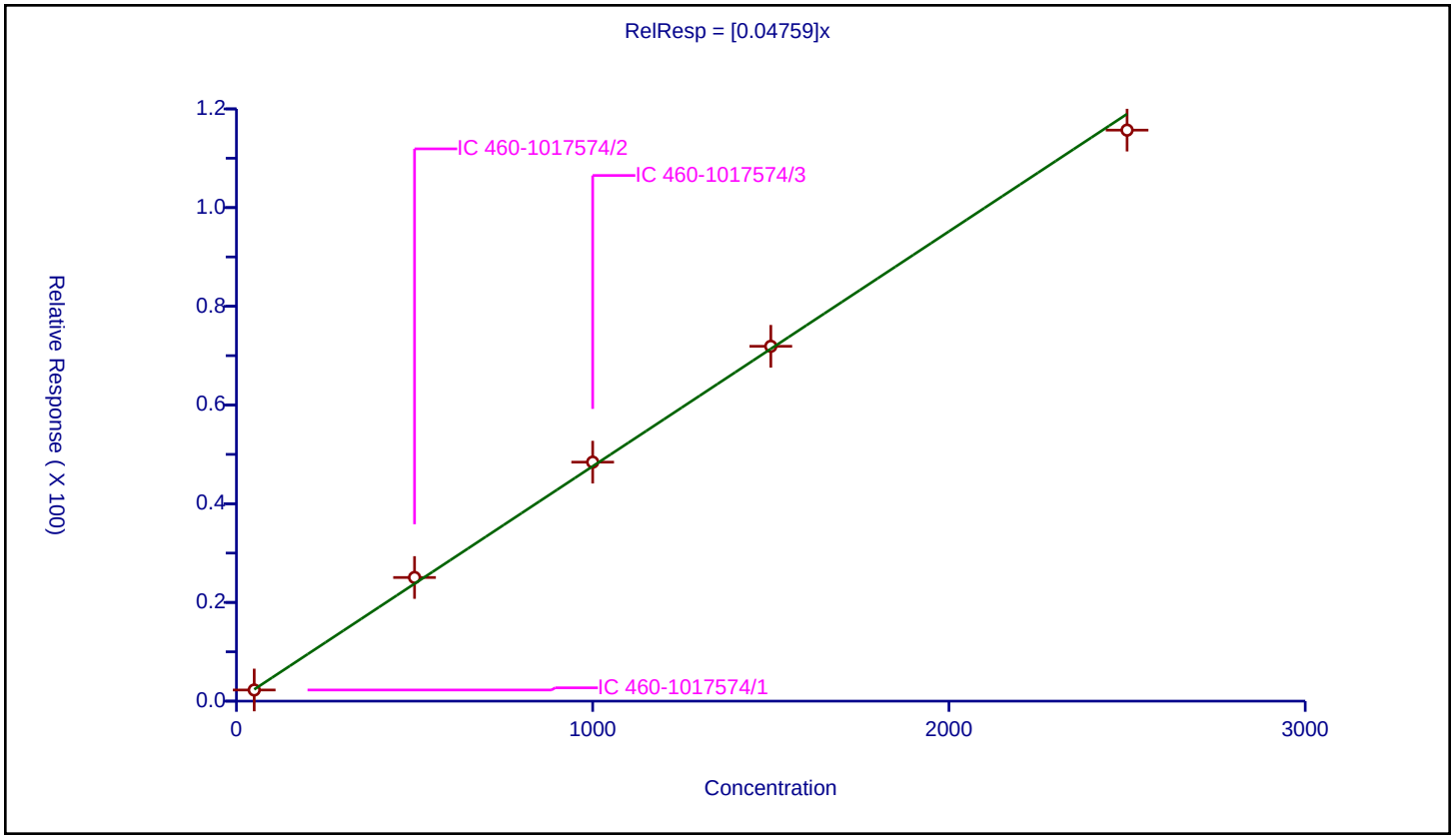
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04759 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 2.259544 | 100.0 | 155521756.0 | 0.045191 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 25.054945 | 100.0 | 141794231.0 | 0.05011 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 48.42385 | 100.0 | 131213048.0 | 0.048424 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 71.899339 | 100.0 | 137089136.0 | 0.047933 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 115.701046 | 100.0 | 133453587.0 | 0.04628 | Y |



## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

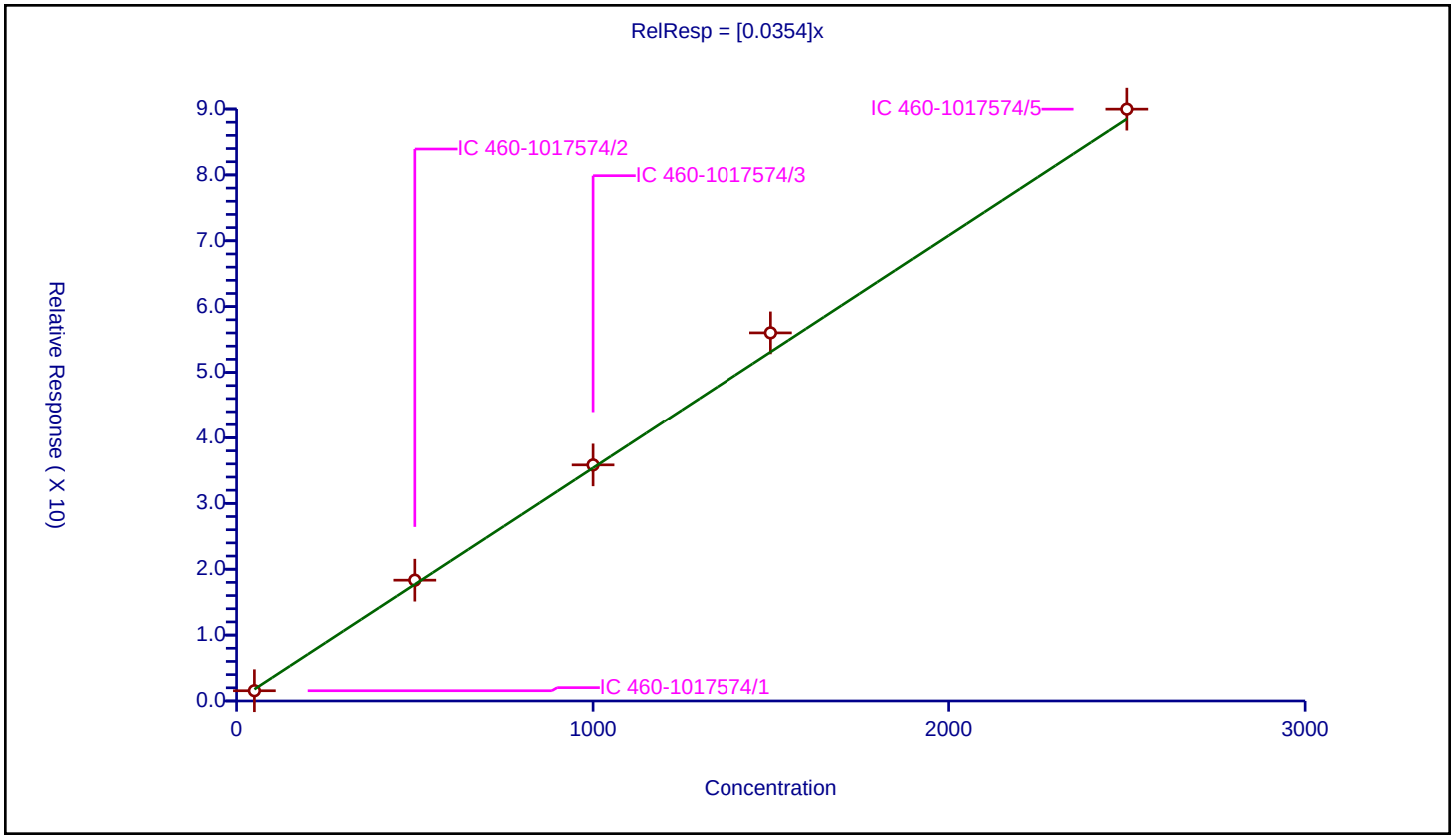
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0354 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.557482 | 100.0 | 155521756.0 | 0.03115 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 18.337563 | 100.0 | 141794231.0 | 0.036675 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 35.844995 | 100.0 | 131213048.0 | 0.035845 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 56.01806 | 100.0 | 137089136.0 | 0.037345 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 89.978893 | 100.0 | 133453587.0 | 0.035992 | Y |



## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

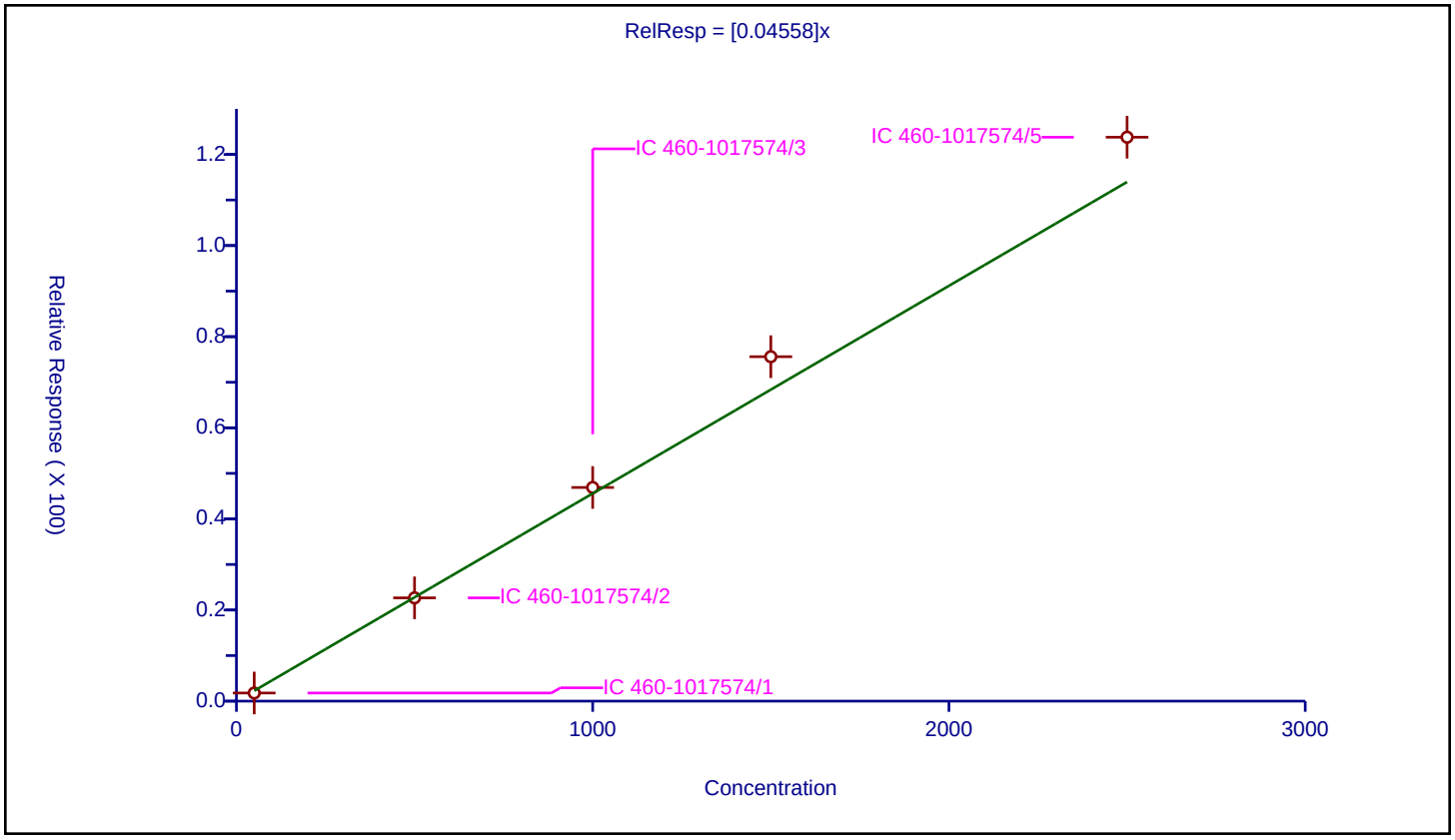
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04558 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.78797 | 100.0 | 155521756.0 | 0.035759 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 22.668386 | 100.0 | 141794231.0 | 0.045337 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 46.899298 | 100.0 | 131213048.0 | 0.046899 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 75.603577 | 100.0 | 137089136.0 | 0.050402 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 123.786474 | 100.0 | 133453587.0 | 0.049515 | Y |






2/14/2025
12:32:58 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017574

SDG No.:

Instrument ID: CPESTGC12 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 12:54 Calibration End Date: 01/22/2025 13:43 Calibration ID: 99968

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017574/1 | 12F0068067.D |
| Level 2 | IC 460-1017574/2 | 12F0068068.D |
| Level 3 | IC 460-1017574/3 | 12F0068069.D |
| Level 4 | IC 460-1017574/4 | 12F0068070.D |
| Level 5 | IC 460-1017574/5 | 12F0068071.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0240 | 0.0289 | 0.0341 | 0.0392 | 0.0328 | Ave | | 0.0318 | | | | 17.9 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0616 | 0.0429 | 0.0541 | 0.0513 | 0.0521 | Ave | | 0.0524 | | | | 12.7 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0762 | 0.0554 | 0.0583 | 0.0584 | 0.0572 | Ave | | 0.0611 | | | | 14.0 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0657 | 0.0519 | 0.0553 | 0.0579 | 0.0570 | Ave | | 0.0575 | | | | 8.9 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0376 | 0.0358 | 0.0406 | 0.0421 | 0.0396 | Ave | | 0.0392 | | | | 6.4 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017574

SDG No.:

Instrument ID: CPESTGC12 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/22/2025 12:54 | Calibration End Date: 01/22/2025 13:43 | Calibration ID: 99968

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017574/1 | 12F0068067.D |
| Level 2 | IC 460-1017574/2 | 12F0068068.D |
| Level 3 | IC 460-1017574/3 | 12F0068069.D |
| Level 4 | IC 460-1017574/4 | 12F0068070.D |
| Level 5 | IC 460-1017574/5 | 12F0068071.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 5149902 | 58646367 | 119095792 | 213334711 | 292953607 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 13213287 | 87158901 | 189075723 | 279384109 | 465501809 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 16357788 | 112436485 | 203654983 | 318292134 | 510499757 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 14097050 | 105295850 | 193054188 | 315230868 | 508582809 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 8072929 | 72640805 | 141981342 | 229474390 | 353565820 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 22-Jan-2025 12:54:40 ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-001
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:07 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 155521756 | 100.0 | 100.0 | |
| 2 | 1.441 | 1.442 | -0.001 | 429304845 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.003 | 4.999 | 0.004 | 1718594 | 50.0 | 61.5 | M |
| 1 | 5.509 | 5.511 | -0.002 | 2130303 | 50.0 | 65.7 | M |
| 1 | 5.610 | 5.611 | -0.001 | 3514083 | 50.0 | 47.5 | M |
| 1 | 5.921 | 5.923 | -0.002 | 2422224 | 50.0 | 44.0 | M |
| 1 | 6.671 | 6.670 | 0.001 | 2780682 | 50.0 | 39.2 | M |
| | | Average of Peak Amounts = | | | | 51.6 | |
| 2 | 4.794 | 4.791 | 0.003 | 5149902 | 50.0 | 37.7 | M |
| 2 | 5.066 | 5.066 | 0.000 | 13213287 | 50.0 | 58.7 | M |
| 2 | 5.198 | 5.197 | 0.001 | 16357788 | 50.0 | 62.4 | M |
| 2 | 5.385 | 5.383 | 0.002 | 14097050 | 50.0 | 57.1 | M |
| 2 | 5.753 | 5.750 | 0.003 | 8072929 | 50.0 | 48.0 | M |
| | | Average of Peak Amounts = | | | | 52.8 | |
| | | | | | | RPD = 2.32 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

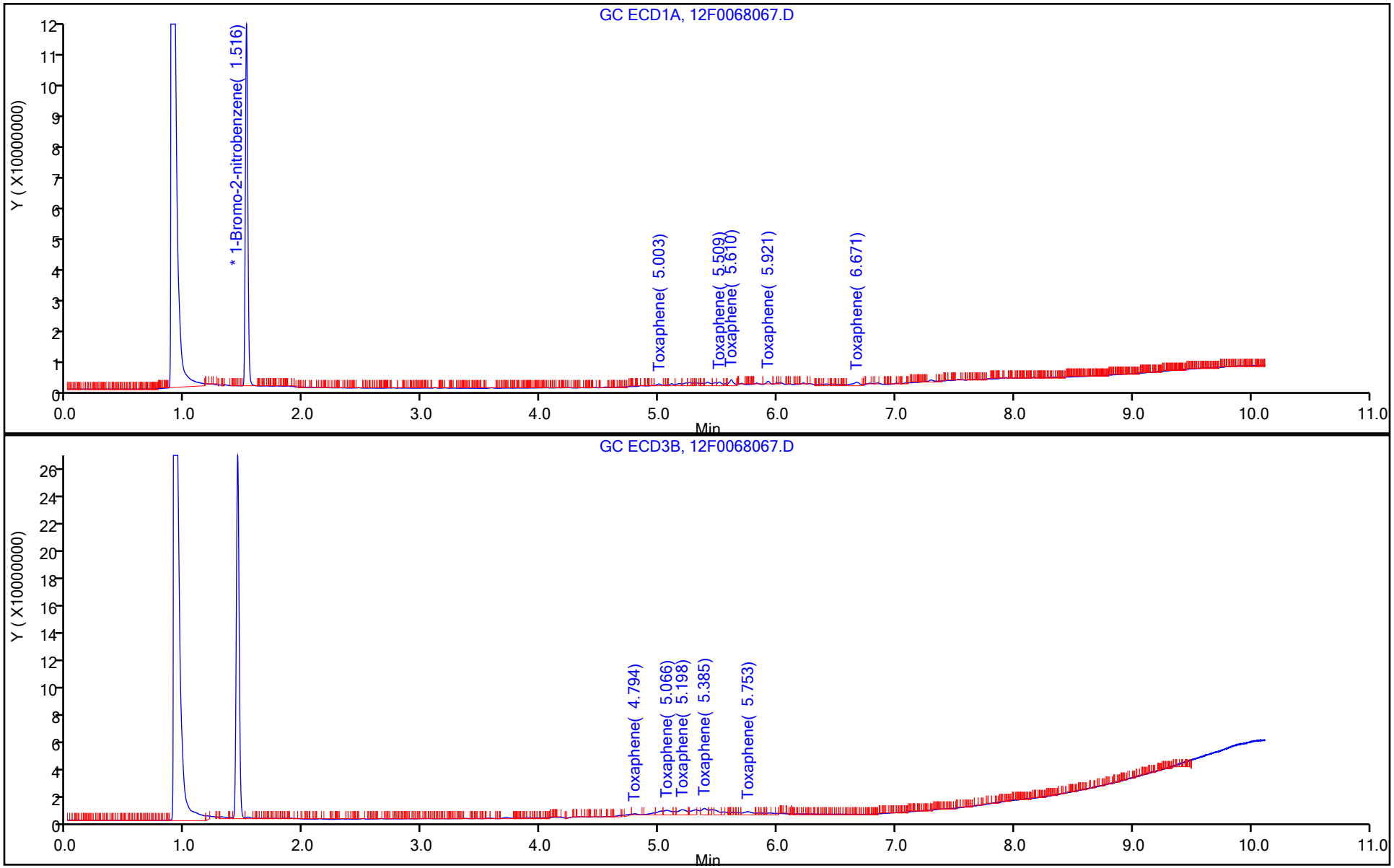
| | | | |
|---|---|---|---|
| SGTOXAPHENEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 12:54:40 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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Report Date: 23-Jan-2025 03:32:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068067.D

Injection Date: 22-Jan-2025 12:54:40 Instrument ID: CPESTGC12

Lims ID: IC

Client ID:

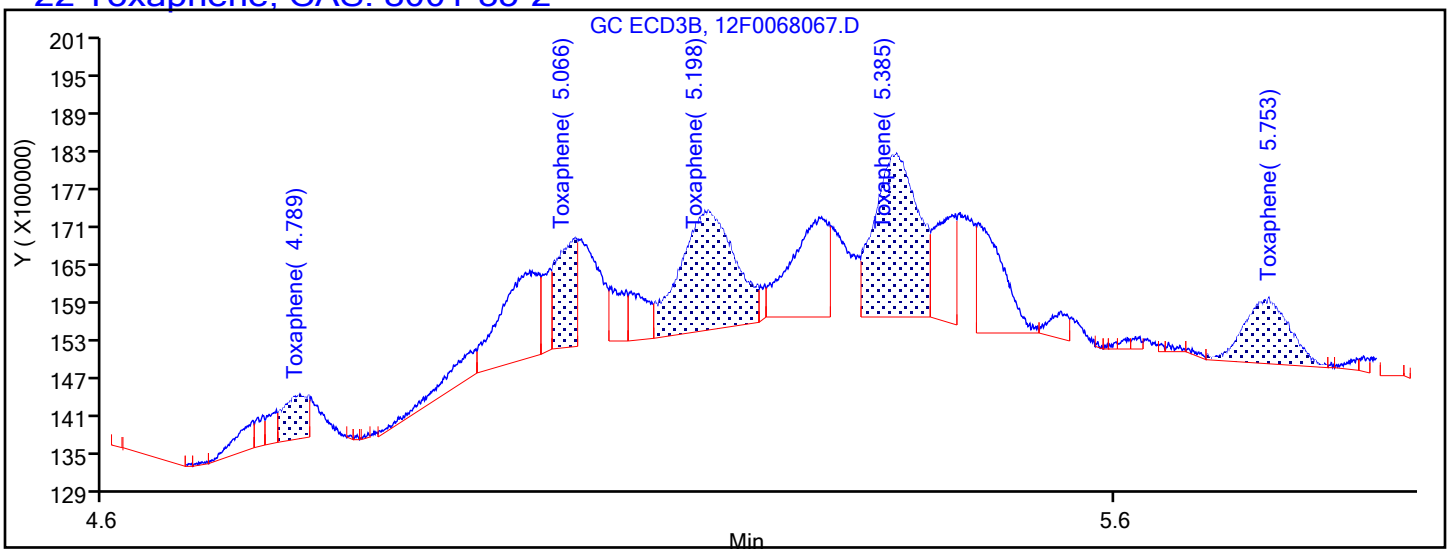
Operator ID: ALS Bottle#: 18 Worklist Smp#: 1

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

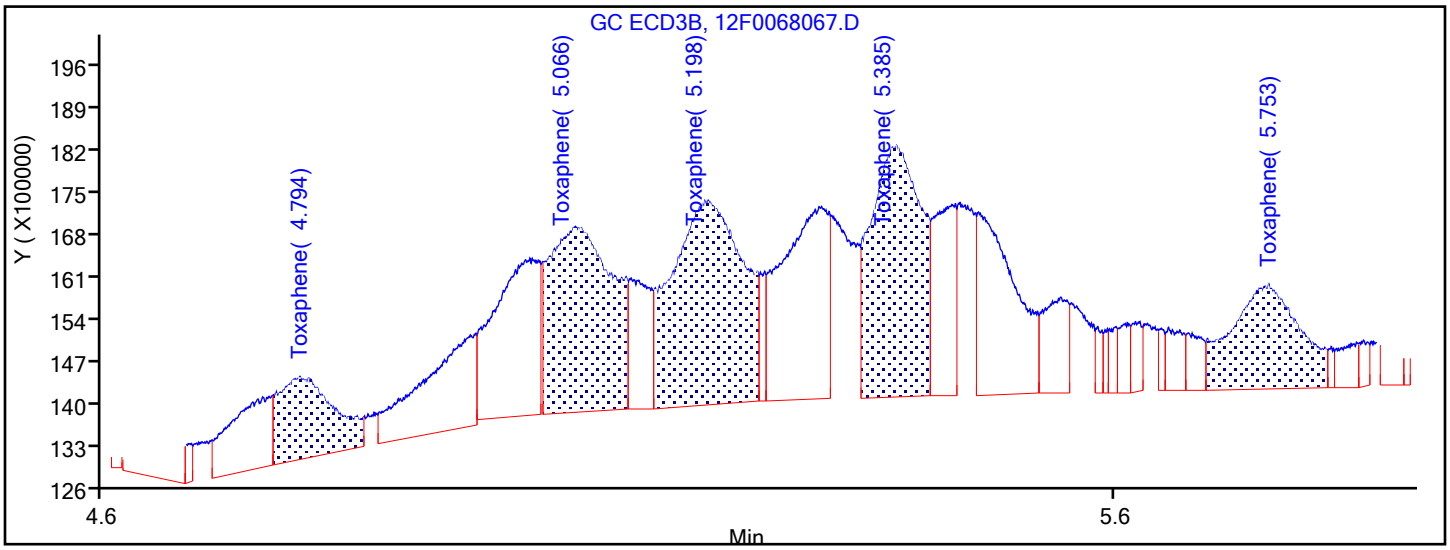
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.789 | Response = 1156013 |
| 5.066 | Response = 2334205 |
| 5.198 | Response = 7216119 |
| 5.385 | Response = 7757490 |
| 5.753 | Response = 3117218 |




Manual Integration Results

| | | |
|---|---|---|
| 4.794 | Response = 5149902 | M |
| 5.066 | Response = 13213287 | M |
| 5.198 | Response = 16357788 | M |
| 5.385 | Response = 14097050 | M |
| 5.753 | Response = 8072929 | M |

Reviewer: ESS0, 23-Jan-2025 03:04:07 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 22-Jan-2025 13:06:55 ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-002
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:14 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.517 | 0.000 | 141794231 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 405883926 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.000 | 4.999 | 0.001 | 12462817 | 500.0 | 488.8 | M |
| 1 | 5.510 | 5.511 | -0.001 | 14057980 | 500.0 | 475.6 | M |
| 1 | 5.611 | 5.611 | 0.000 | 35526467 | 500.0 | 526.5 | M |
| 1 | 5.923 | 5.923 | 0.000 | 26001607 | 500.0 | 518.0 | M |
| 1 | 6.672 | 6.670 | 0.002 | 32142464 | 500.0 | 497.3 | M |
| | | Average of Peak Amounts = | | | | 501.3 | |
| 2 | 4.789 | 4.791 | -0.002 | 58646367 | 500.0 | 454.5 | M |
| 2 | 5.062 | 5.066 | -0.004 | 87158901 | 500.0 | 409.7 | M |
| 2 | 5.197 | 5.197 | 0.000 | 112436485 | 500.0 | 453.4 | M |
| 2 | 5.385 | 5.383 | 0.002 | 105295850 | 500.0 | 450.9 | M |
| 2 | 5.752 | 5.750 | 0.002 | 72640805 | 500.0 | 457.1 | M |
| | | Average of Peak Amounts = | | | | 445.1 | |
| | | | | | | RPD = 11.86 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

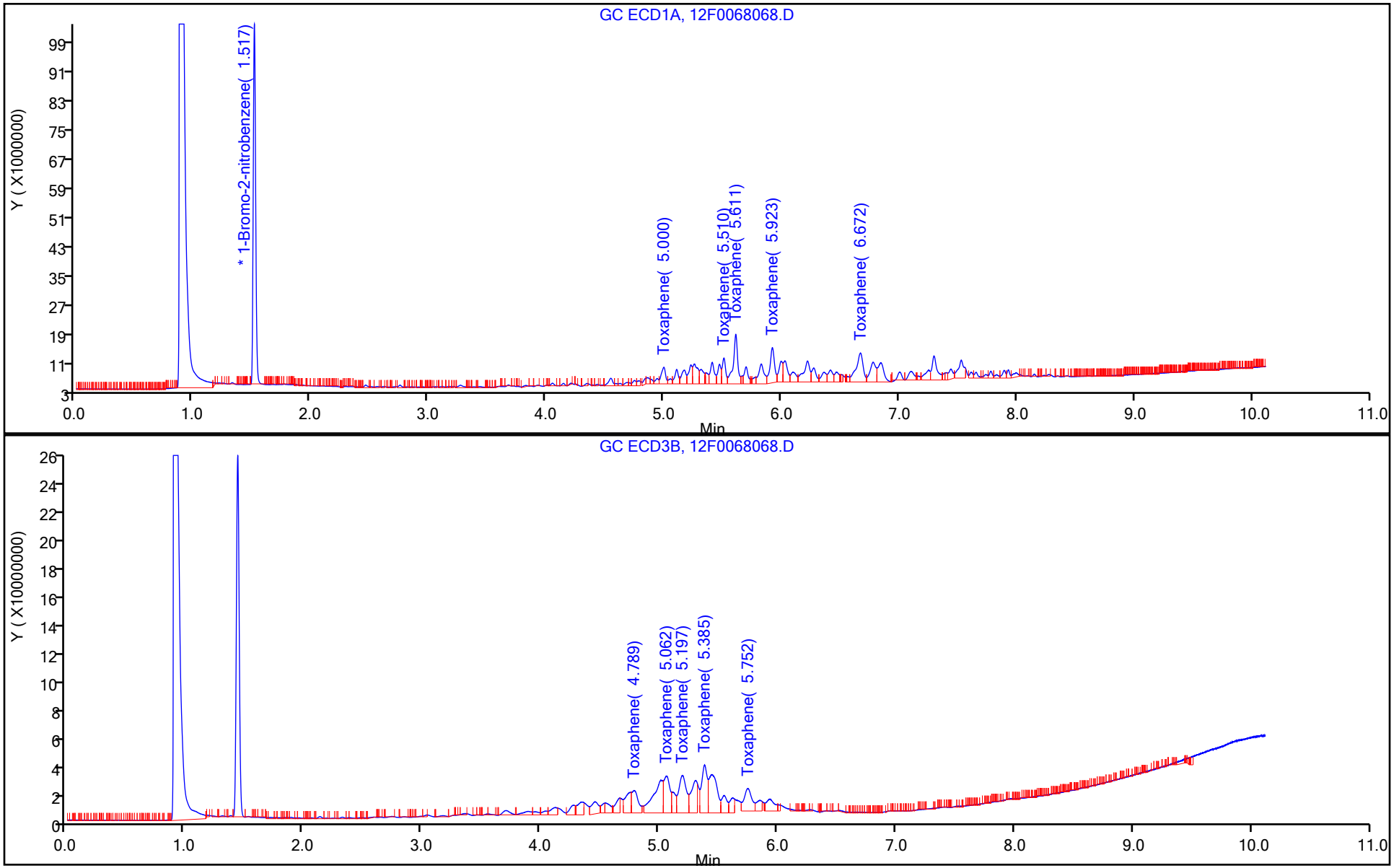
SGTOXAPHENEL3_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2025 03:32:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:06:55 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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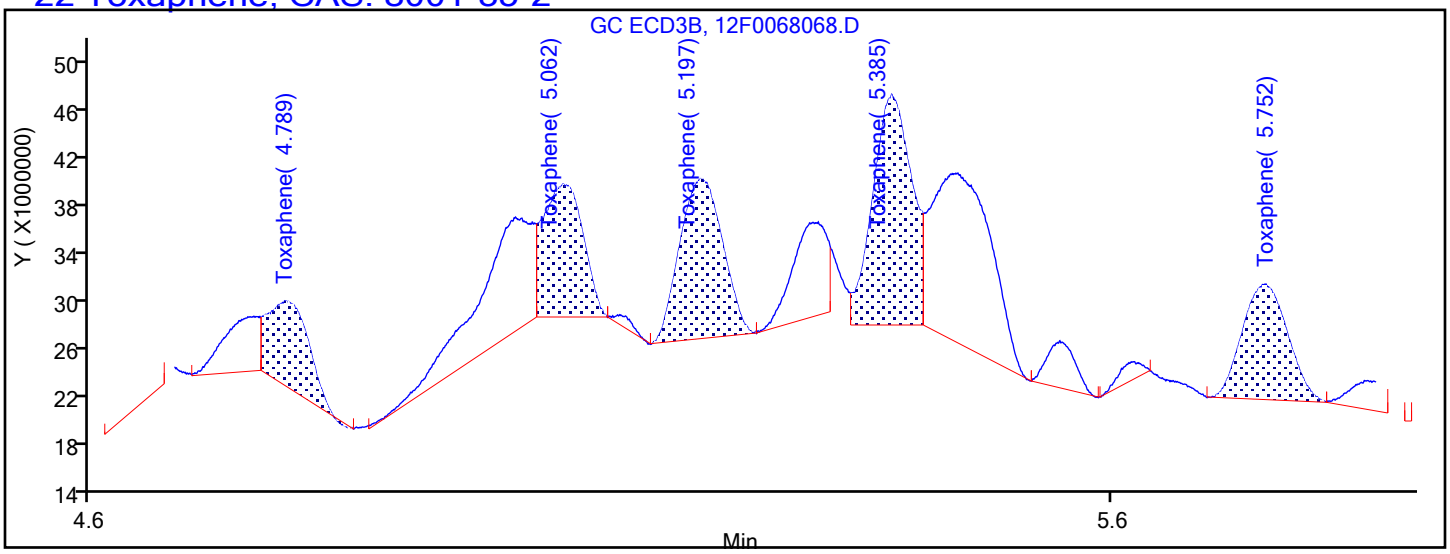
Report Date: 23-Jan-2025 03:32:16 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

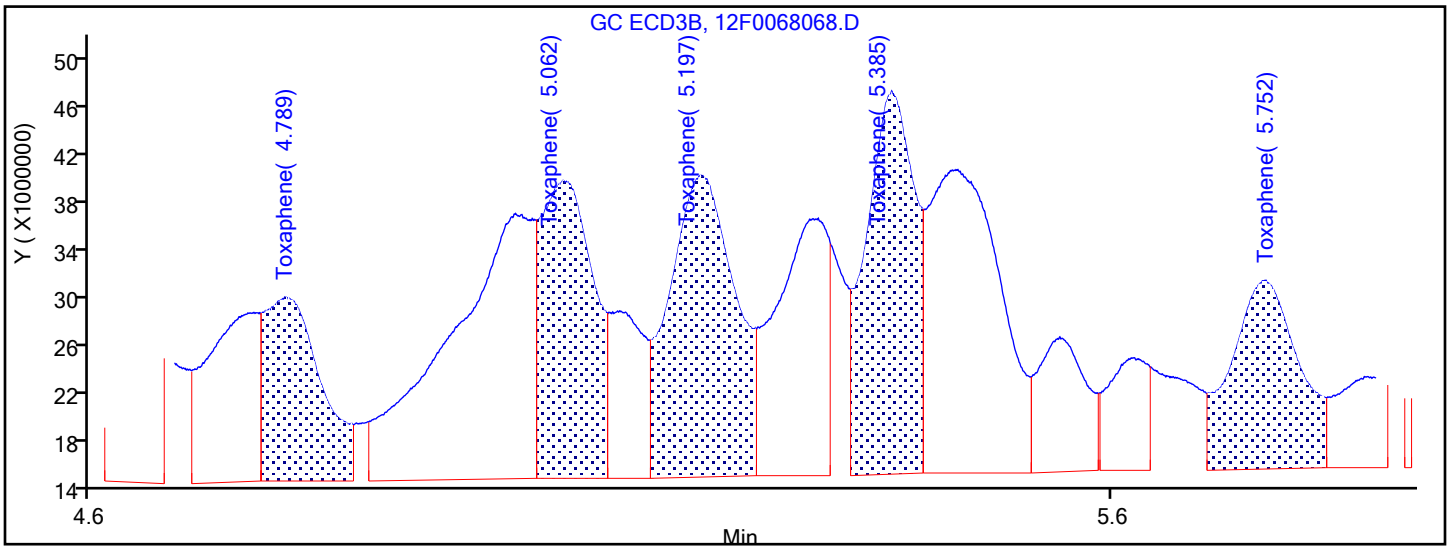
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068068.D
Injection Date: 22-Jan-2025 13:06:55 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.789 | Response = 20458408 |
| 5.062 | Response = 29711932 |
| 5.197 | Response = 39020726 |
| 5.385 | Response = 51229144 |
| 5.752 | Response = 29568125 |




Manual Integration Results

| | | |
|---|---|---|
| 4.789 | Response = 58646367 | M |
| 5.062 | Response = 87158901 | M |
| 5.197 | Response = 112436485 | M |
| 5.385 | Response = 105295850 | M |
| 5.752 | Response = 72640805 | M |

Reviewer: ESS0, 23-Jan-2025 02:59:21 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 22-Jan-2025 13:19:14 ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:20 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:59:49

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.517 | 1.517 | 0.000 | 131213048 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 349369688 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.999 | 4.999 | 0.000 | 21969918 | 1000.0 | 931.2 | M |
| 1 | 5.511 | 5.511 | 0.000 | 24975538 | 1000.0 | 913.2 | M |
| 1 | 5.611 | 5.611 | 0.000 | 63538409 | 1000.0 | 1017.6 | M |
| 1 | 5.923 | 5.923 | 0.000 | 47033311 | 1000.0 | 1012.5 | M |
| 1 | 6.670 | 6.670 | 0.000 | 61537999 | 1000.0 | 1028.9 | M |
| | | Average of Peak Amounts = | | | | 980.7 | |
| 2 | 4.791 | 4.791 | 0.000 | 119095792 | 1000.0 | 1072.3 | M |
| 2 | 5.066 | 5.066 | 0.000 | 189075723 | 1000.0 | 1032.6 | M |
| 2 | 5.197 | 5.197 | 0.000 | 203654983 | 1000.0 | 954.0 | M |
| 2 | 5.383 | 5.383 | 0.000 | 193054188 | 1000.0 | 960.5 | M |
| 2 | 5.750 | 5.750 | 0.000 | 141981342 | 1000.0 | 1038.0 | M |
| | | Average of Peak Amounts = | | | | 1011.5 | |
| | | | | | | RPD = 3.09 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

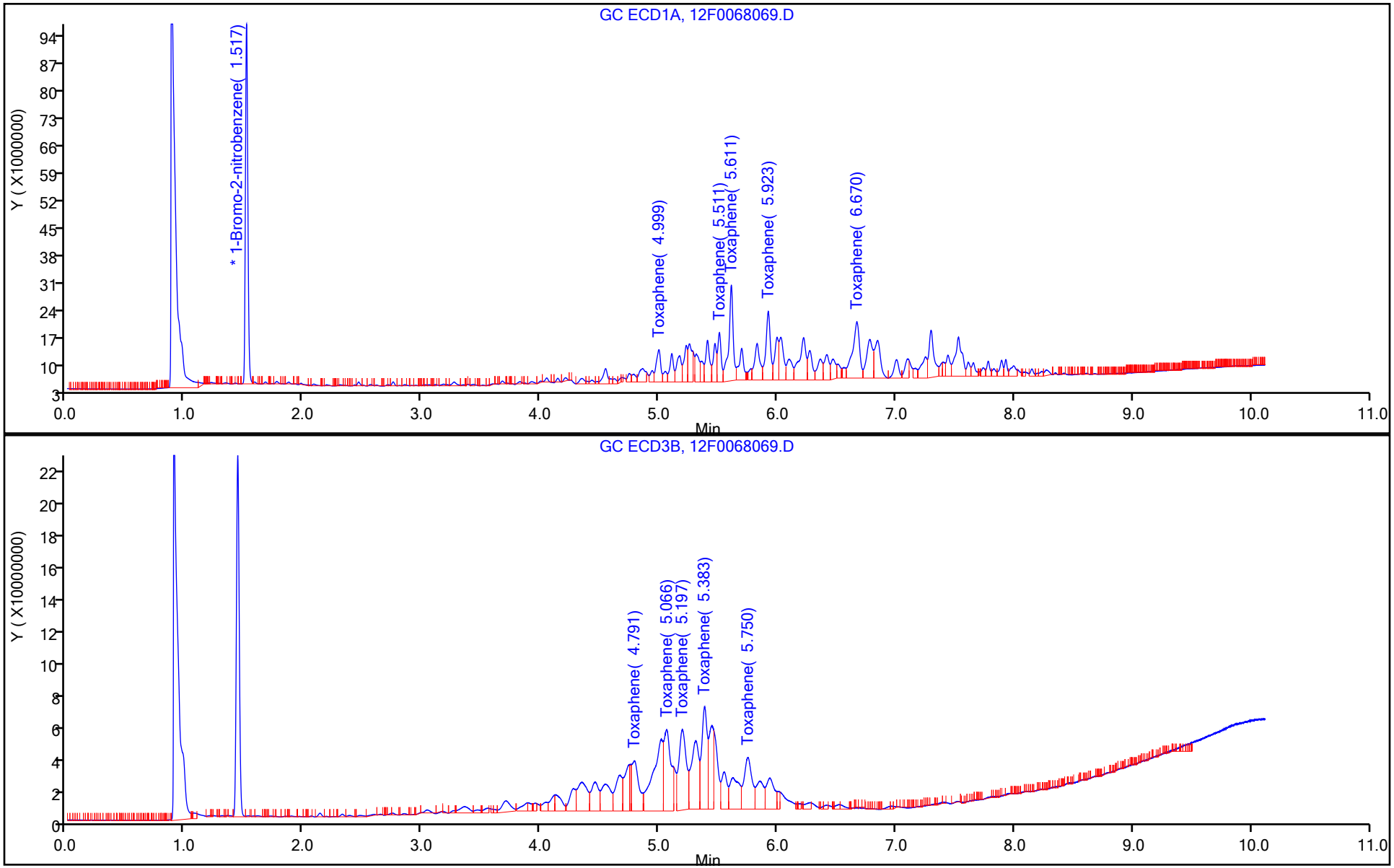
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2025 03:32:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:19:14 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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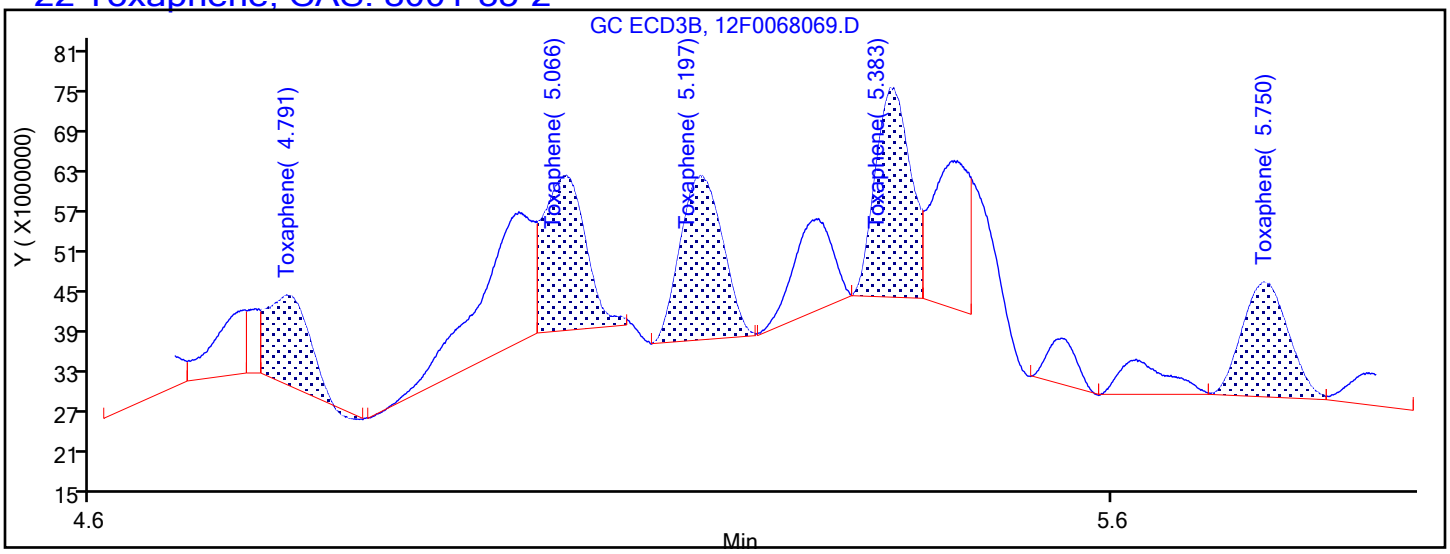
Report Date: 23-Jan-2025 03:32:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

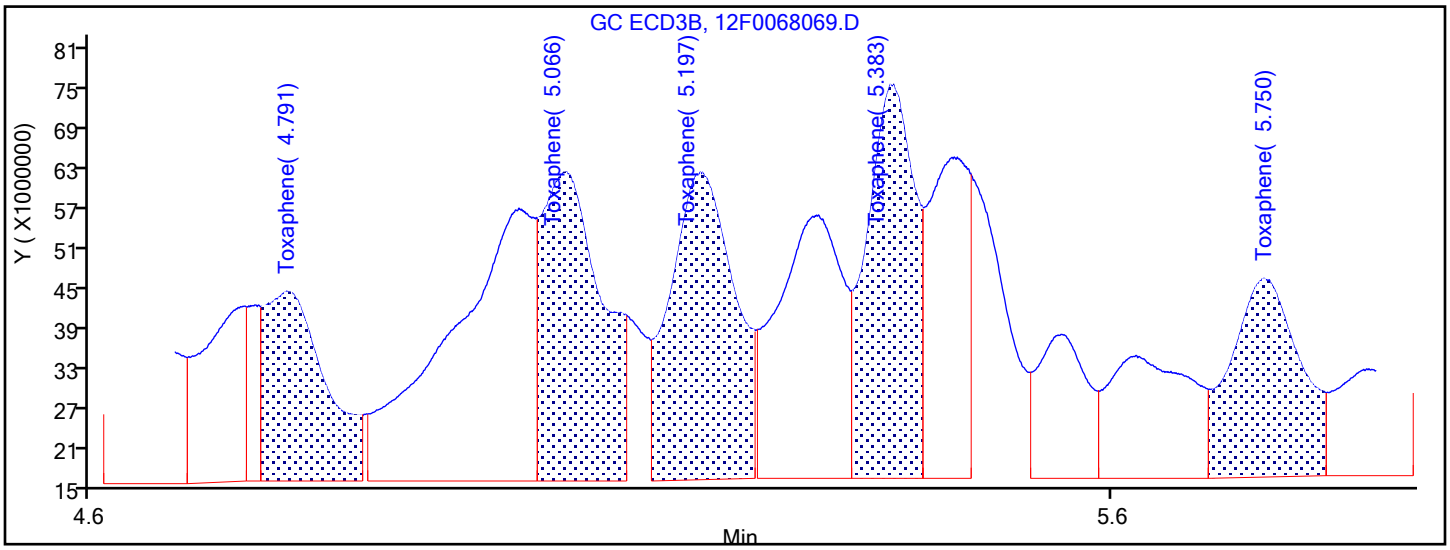
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068069.D
Injection Date: 22-Jan-2025 13:19:14 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.791 | Response = 41196159 |
| 5.066 | Response = 65333721 |
| 5.197 | Response = 70984329 |
| 5.383 | Response = 75323074 |
| 5.750 | Response = 53607319 |




Manual Integration Results

| | | |
|---|---|---|
| 4.791 | Response = 119095792 | M |
| 5.066 | Response = 189075723 | M |
| 5.197 | Response = 203654983 | M |
| 5.383 | Response = 193054188 | M |
| 5.750 | Response = 141981342 | M |

Reviewer: ESS0, 23-Jan-2025 02:59:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 22-Jan-2025 13:31:37 ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:24 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 03:00:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 137089136 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 363103765 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 5.000 | 4.999 | 0.001 | 35365991 | 1500.0 | 1434.8 | M |
| 1 | 5.510 | 5.511 | -0.001 | 39889336 | 1500.0 | 1396.0 | M |
| 1 | 5.611 | 5.611 | 0.000 | 98566183 | 1500.0 | 1510.9 | M |
| 1 | 5.922 | 5.923 | -0.001 | 76794674 | 1500.0 | 1582.4 | M |
| 1 | 6.669 | 6.670 | -0.001 | 103644291 | 1500.0 | 1658.6 | M |
| | | Average of Peak Amounts = | | | | 1516.5 | |
| 2 | 4.791 | 4.791 | 0.000 | 213334711 | 1500.0 | 1848.1 | M |
| 2 | 5.064 | 5.066 | -0.002 | 279384109 | 1500.0 | 1468.1 | M |
| 2 | 5.199 | 5.197 | 0.002 | 318292134 | 1500.0 | 1434.6 | M |
| 2 | 5.386 | 5.383 | 0.003 | 315230868 | 1500.0 | 1509.1 | M |
| 2 | 5.749 | 5.750 | -0.001 | 229474390 | 1500.0 | 1614.1 | M |
| | | Average of Peak Amounts = | | | | 1574.8 | |
| | | | | | | RPD = 3.77 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

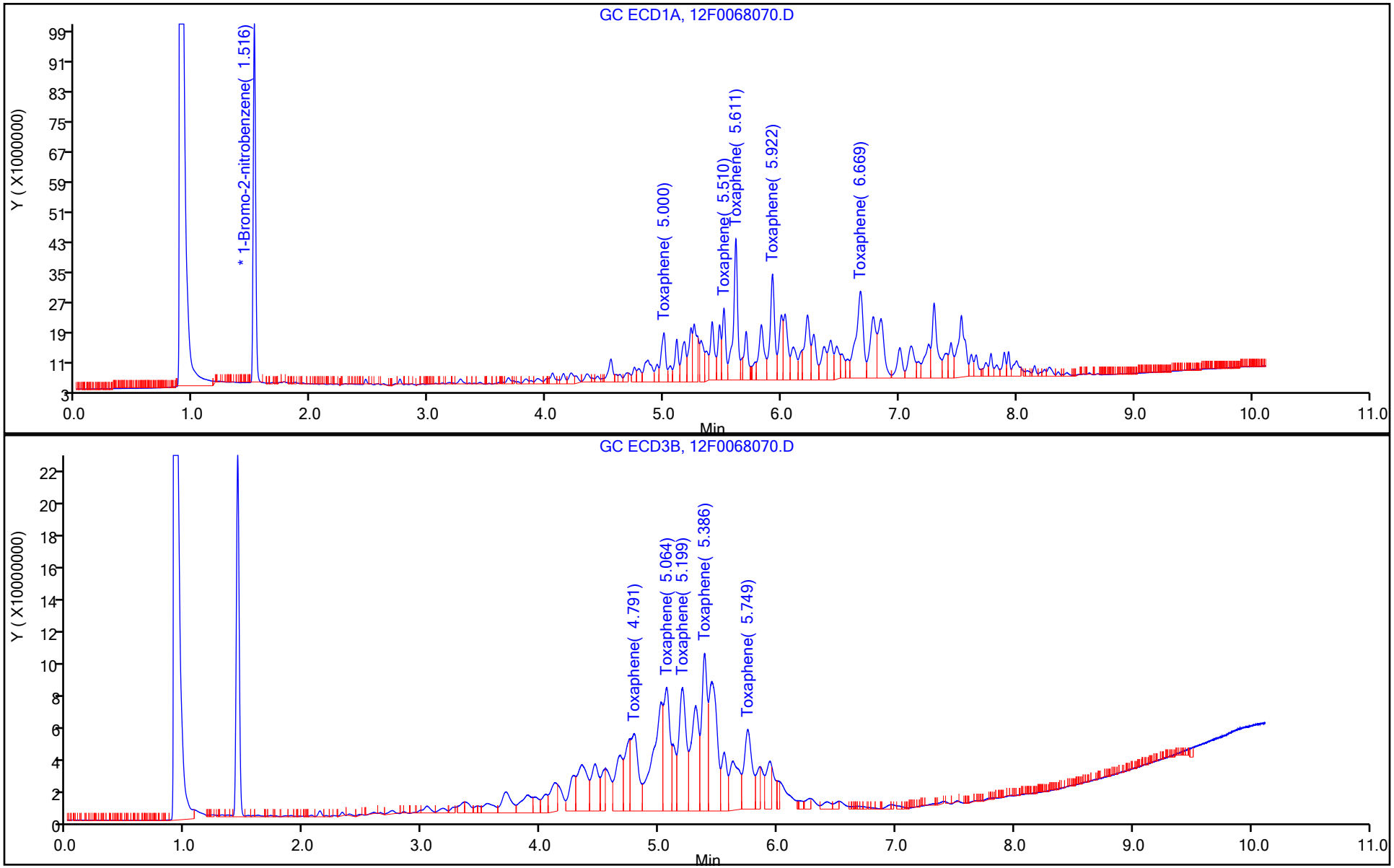
| | | | |
|---|---|---|---|
| SGTOXAPHENEL5_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:31:37 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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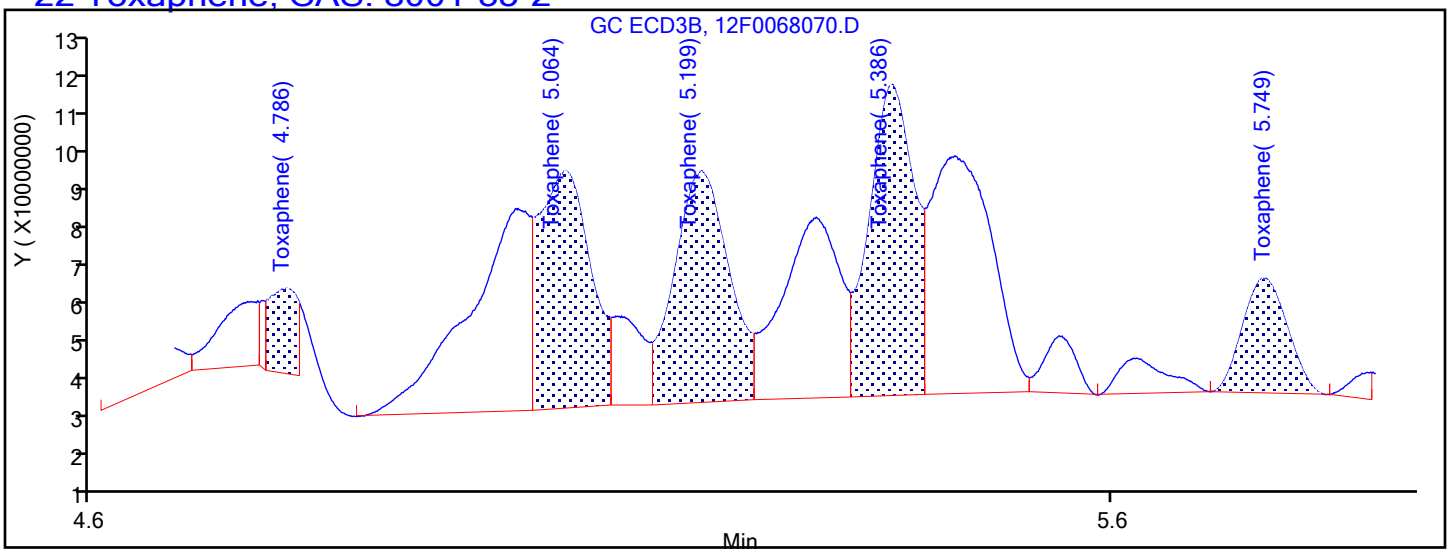
Report Date: 23-Jan-2025 03:32:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

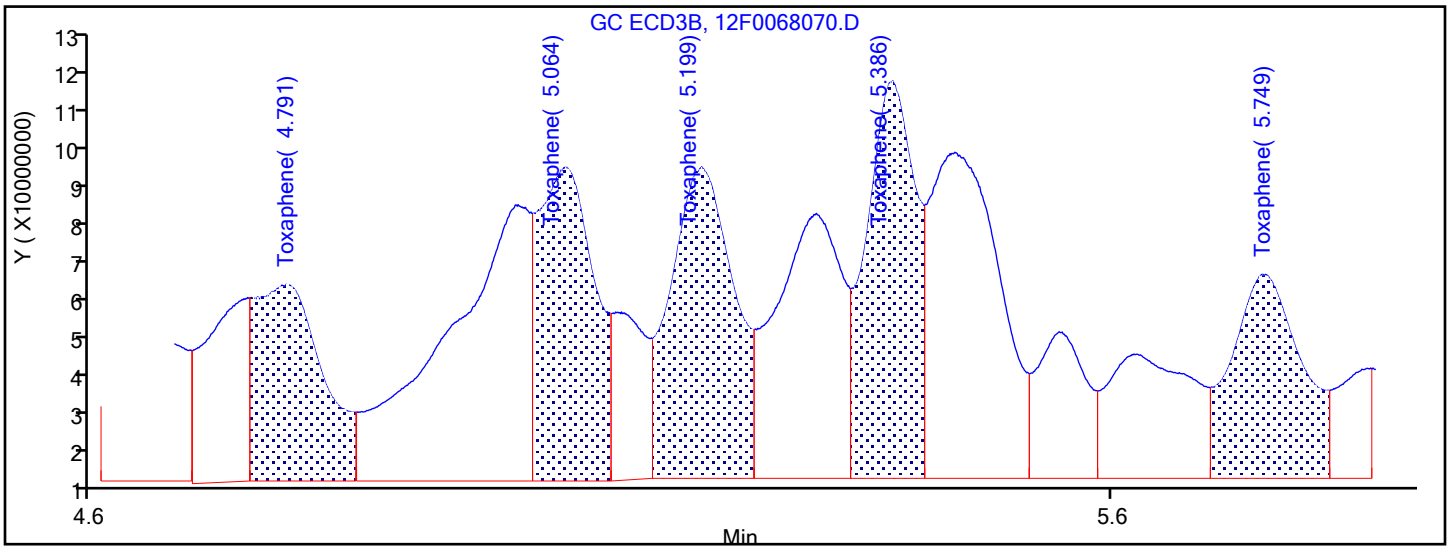
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068070.D
Injection Date: 22-Jan-2025 13:31:37 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.786 | Response = 36875872 |
| 5.064 | Response = 195847163 |
| 5.199 | Response = 202803046 |
| 5.386 | Response = 225357619 |
| 5.749 | Response = 82914245 |




Manual Integration Results

| | | |
|---|---|---|
| 4.791 | Response = 213334711 | M |
| 5.064 | Response = 279384109 | M |
| 5.199 | Response = 318292134 | M |
| 5.386 | Response = 315230868 | M |
| 5.749 | Response = 229474390 | M |

Reviewer: ESS0, 23-Jan-2025 03:00:01 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 22-Jan-2025 13:43:50 ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186052-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:32:28 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 03:00:25

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 133453587 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.442 | 0.000 | 357207726 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.999 | 4.999 | 0.000 | 54306736 | 2500.0 | 2263.3 | M |
| 1 | 5.510 | 5.511 | -0.001 | 61930852 | 2500.0 | 2226.4 | M |
| 1 | 5.611 | 5.611 | 0.000 | 154407196 | 2500.0 | 2431.3 | M |
| 1 | 5.923 | 5.923 | 0.000 | 120080060 | 2500.0 | 2541.7 | M |
| 1 | 6.672 | 6.670 | 0.002 | 165197490 | 2500.0 | 2715.7 | M |
| | | Average of Peak Amounts = | | | | 2435.7 | |
| 2 | 4.792 | 4.791 | 0.001 | 292953607 | 2500.0 | 2579.8 | M |
| 2 | 5.063 | 5.066 | -0.003 | 465501809 | 2500.0 | 2486.5 | M |
| 2 | 5.194 | 5.197 | -0.003 | 510499757 | 2500.0 | 2339.0 | M |
| 2 | 5.385 | 5.383 | 0.002 | 508582809 | 2500.0 | 2474.9 | M |
| 2 | 5.749 | 5.750 | -0.001 | 353565820 | 2500.0 | 2528.0 | M |
| | | Average of Peak Amounts = | | | | 2481.6 | |
| | | | | | | RPD = 1.87 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

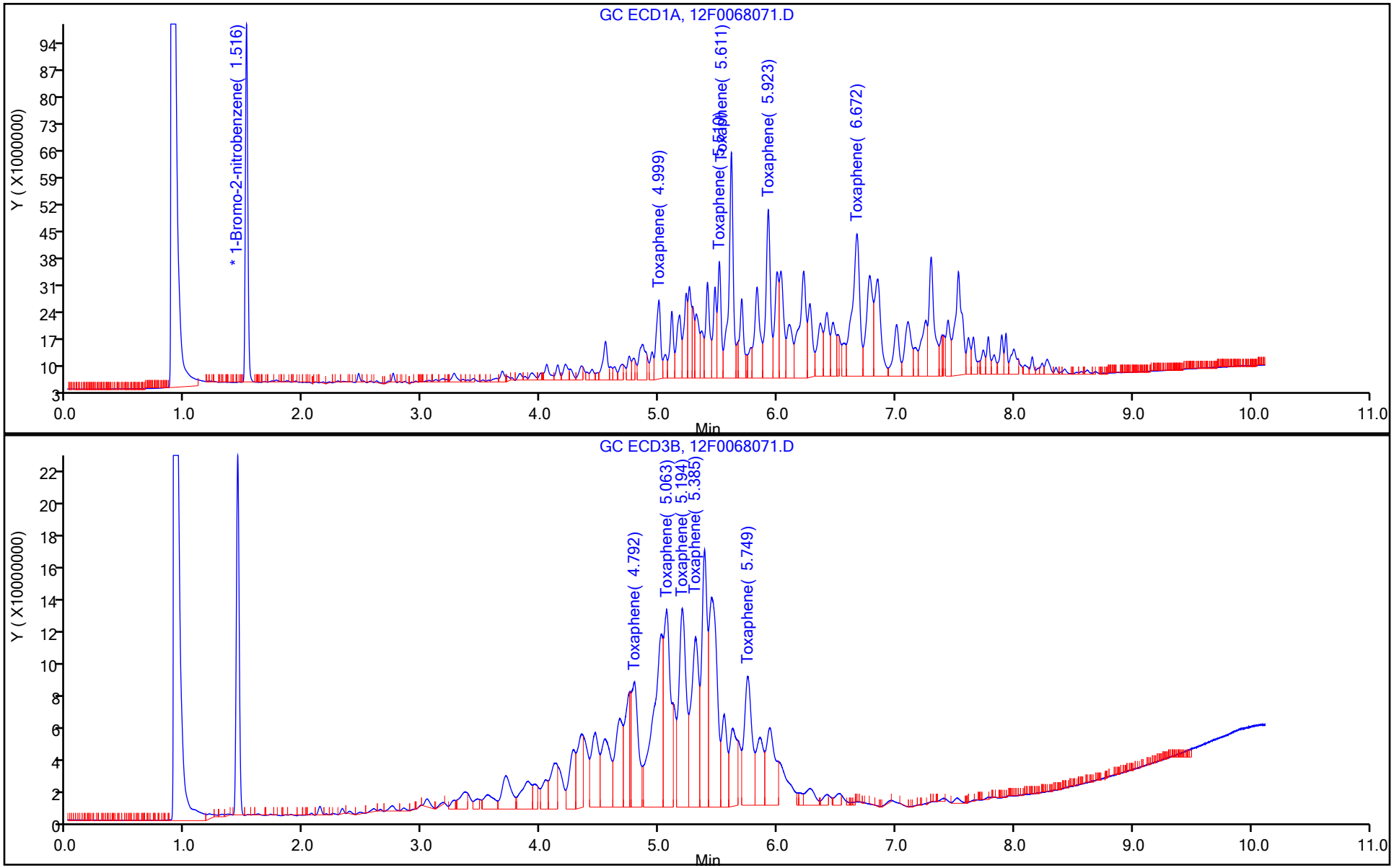
| | | | |
|---|---|---|---|
| SGTOXAPHENEL6_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:32:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 13:43:50 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |





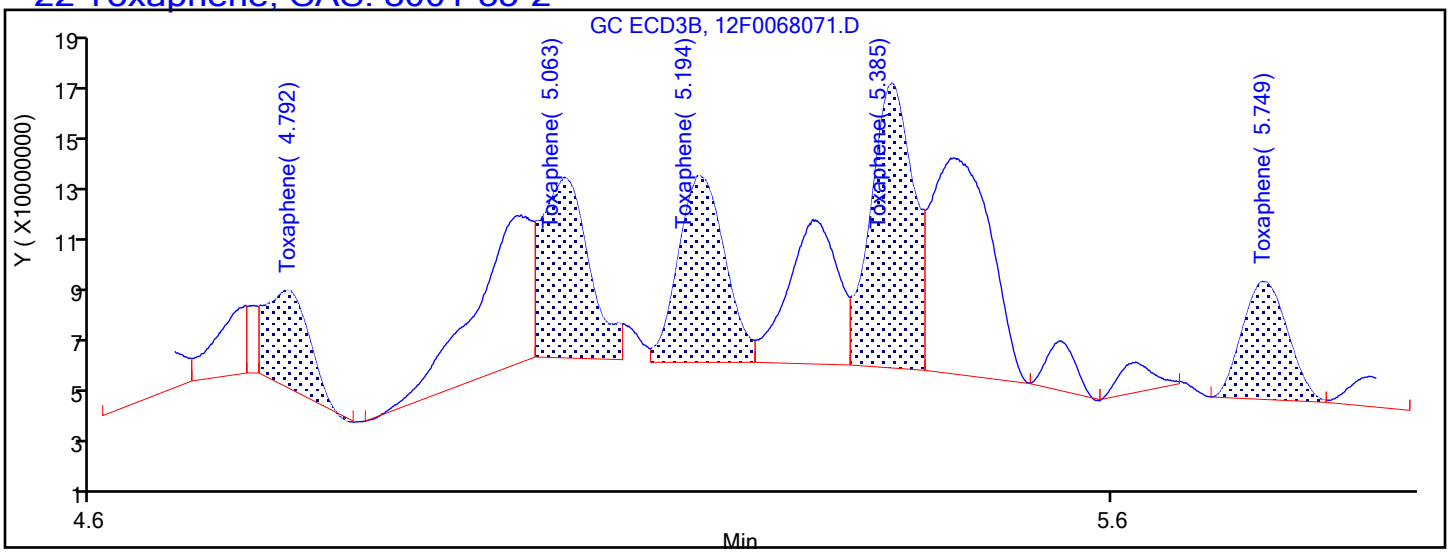

2/14/2025
12:32:58 PM

Report Date: 23-Jan-2025 03:32:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

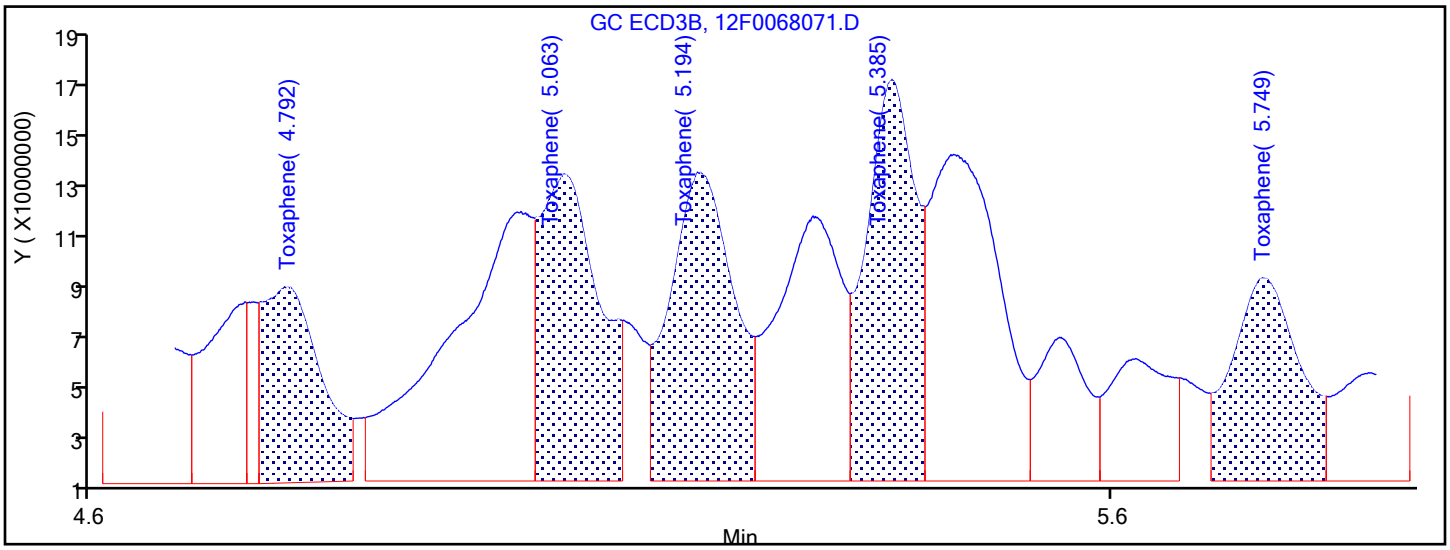
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D
Injection Date: 22-Jan-2025 13:43:50 Instrument ID: CPESTGC12
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.792 | Response = 111042015 |
| 5.063 | Response = 218908561 |
| 5.194 | Response = 225572610 |
| 5.385 | Response = 314157039 |
| 5.749 | Response = 139870651 |




Manual Integration Results

| | | |
|---|---|---|
| 4.792 | Response = 292953607 | M |
| 5.063 | Response = 465501809 | M |
| 5.194 | Response = 510499757 | M |
| 5.385 | Response = 508582809 | M |
| 5.749 | Response = 353565820 | M |

Reviewer: ESS0, 23-Jan-2025 03:00:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

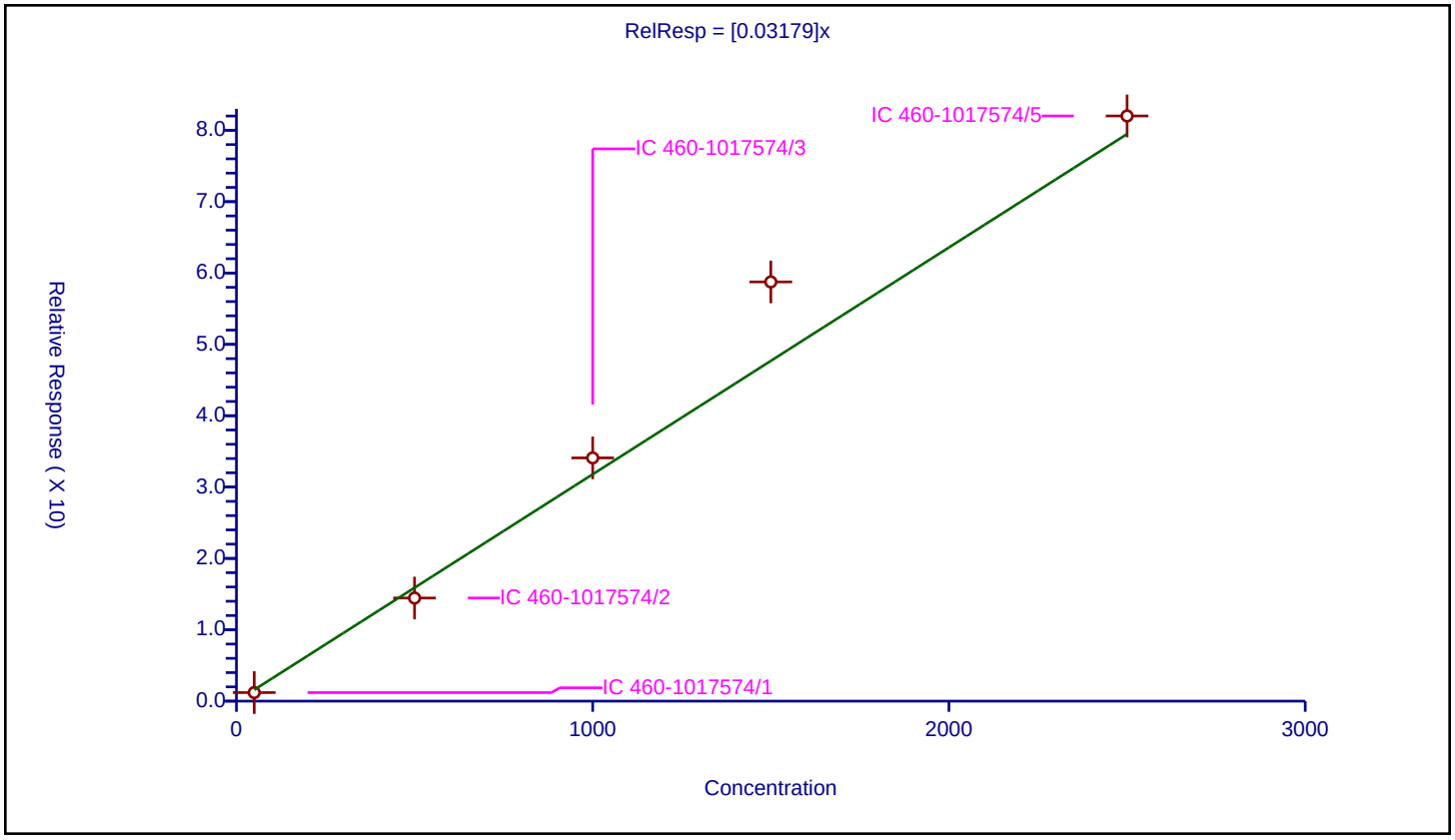
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03179 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.199591 | 100.0 | 429304845.0 | 0.023992 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 14.449049 | 100.0 | 405883926.0 | 0.028898 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 34.088759 | 100.0 | 349369688.0 | 0.034089 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 58.753098 | 100.0 | 363103765.0 | 0.039169 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 82.012114 | 100.0 | 357207726.0 | 0.032805 | Y |



## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

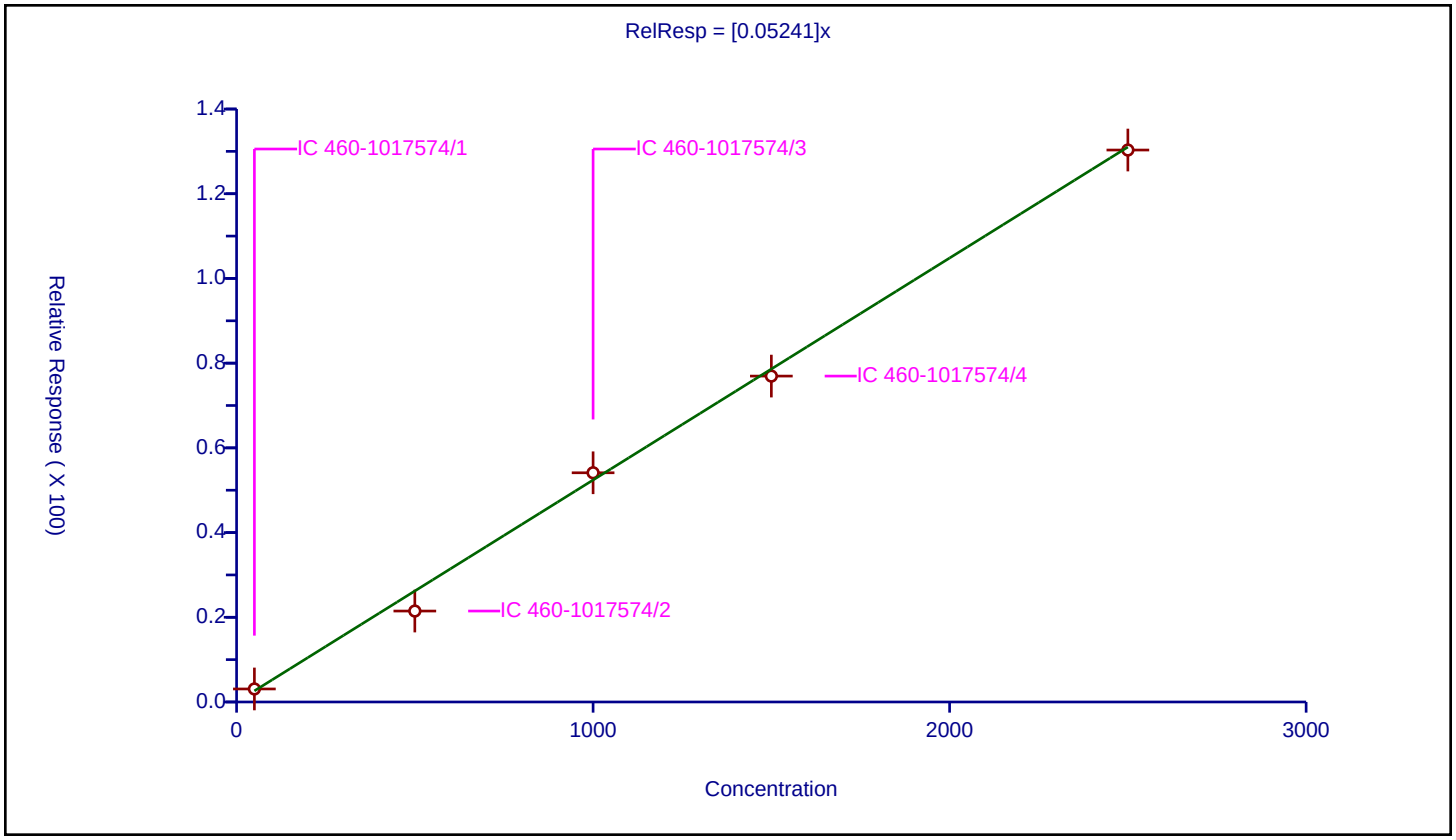
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05241 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 3.077833 | 100.0 | 429304845.0 | 0.061557 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 21.473849 | 100.0 | 405883926.0 | 0.042948 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 54.119098 | 100.0 | 349369688.0 | 0.054119 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 76.943325 | 100.0 | 363103765.0 | 0.051296 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 130.316837 | 100.0 | 357207726.0 | 0.052127 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

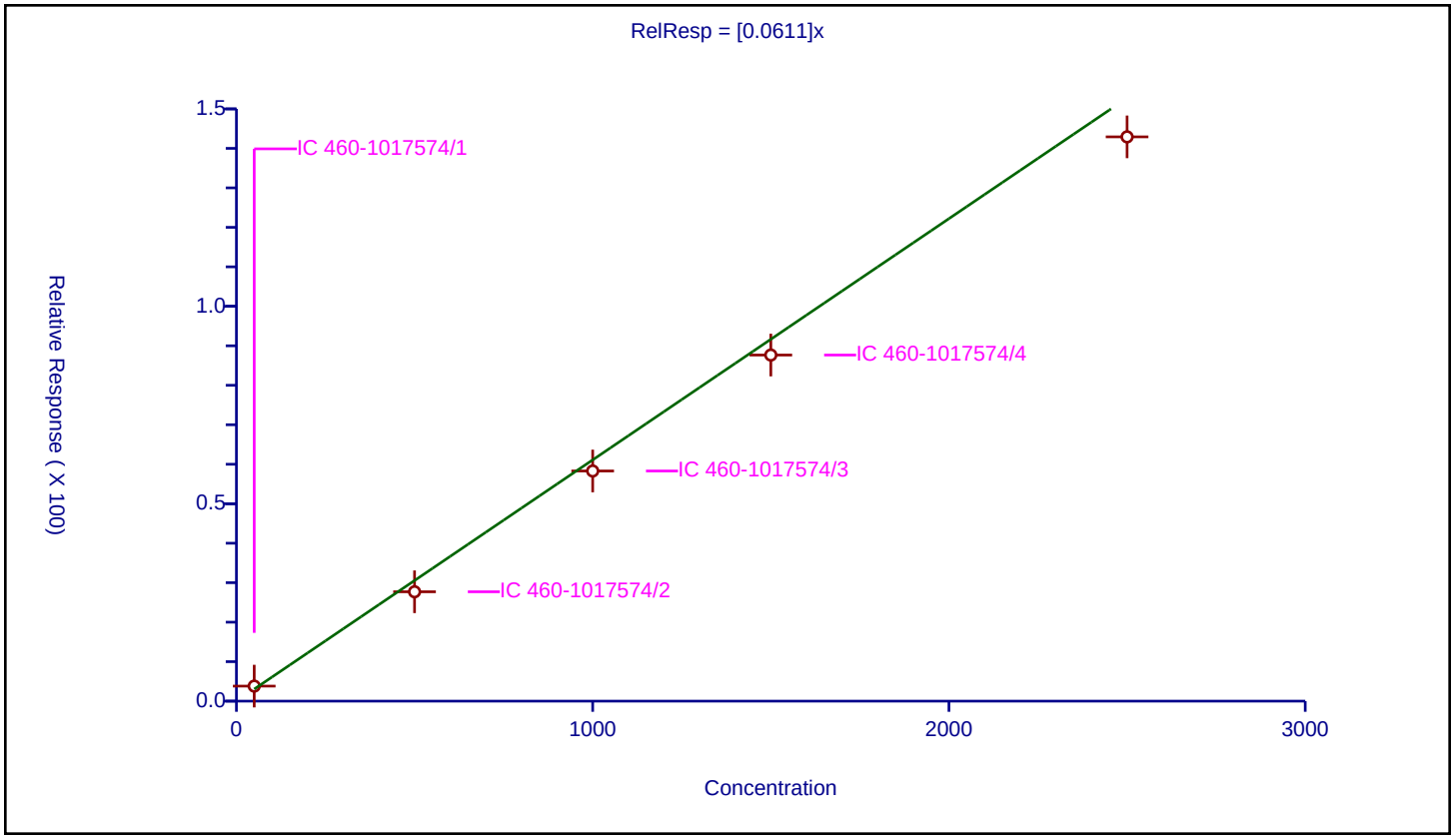
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0611 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 3.810297 | 100.0 | 429304845.0 | 0.076206 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 27.701635 | 100.0 | 405883926.0 | 0.055403 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 58.292116 | 100.0 | 349369688.0 | 0.058292 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 87.658726 | 100.0 | 363103765.0 | 0.058439 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 142.913974 | 100.0 | 357207726.0 | 0.057166 | Y |



## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

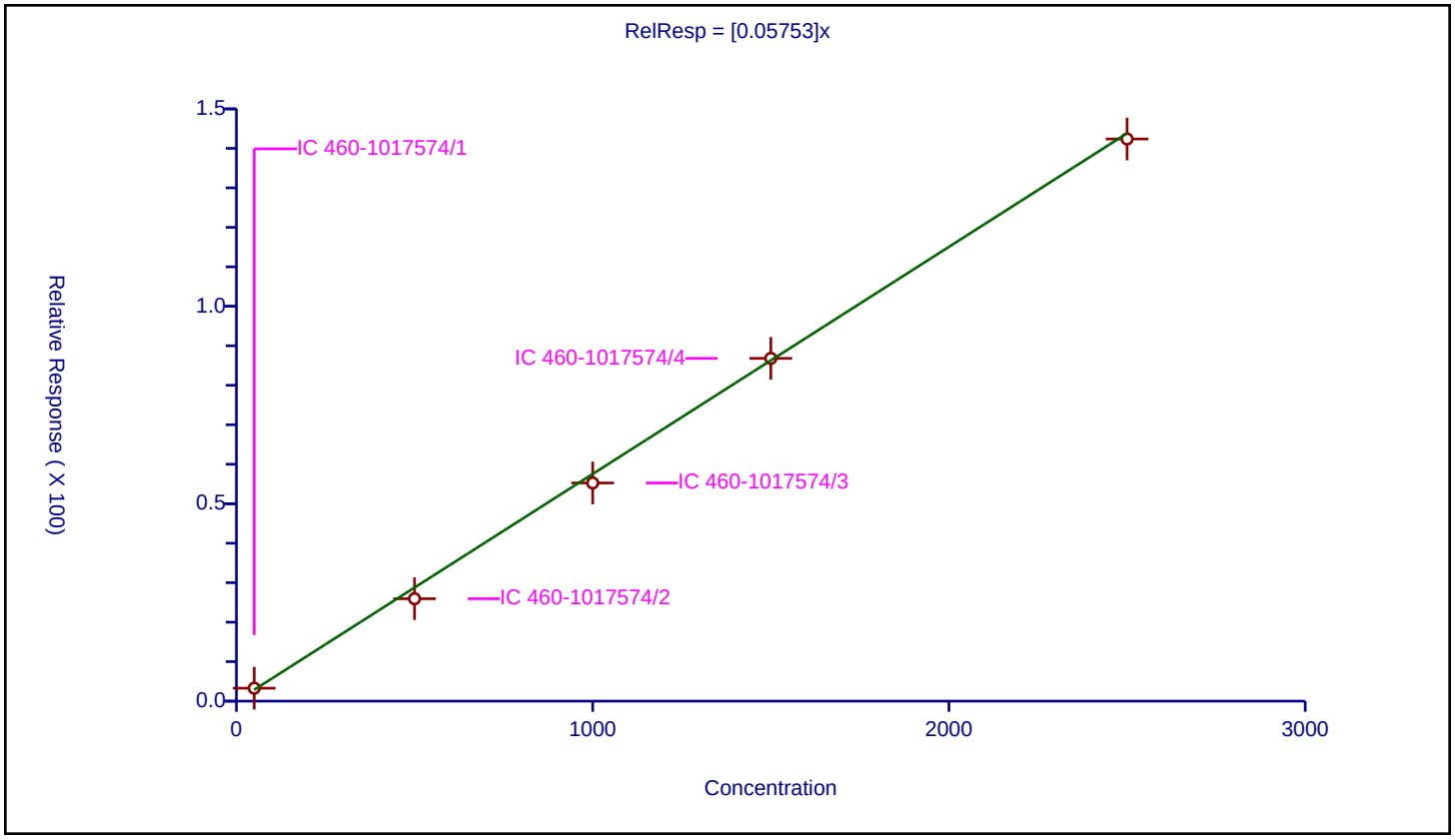
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05753 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 3.283692 | 100.0 | 429304845.0 | 0.065674 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 25.942355 | 100.0 | 405883926.0 | 0.051885 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 55.257853 | 100.0 | 349369688.0 | 0.055258 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 86.815643 | 100.0 | 363103765.0 | 0.057877 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 142.377326 | 100.0 | 357207726.0 | 0.056951 | Y |



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## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

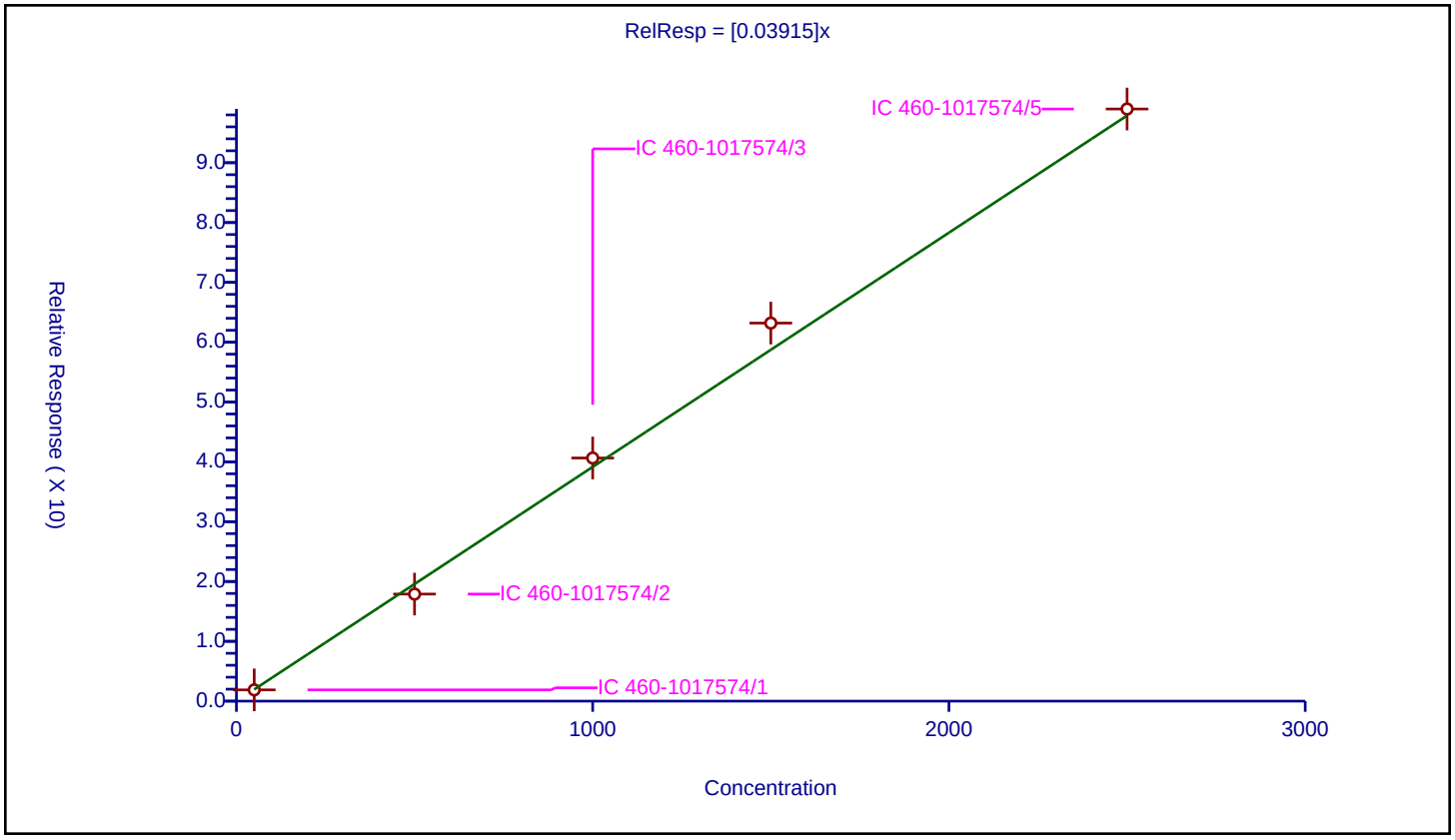
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017574/1 | 50.0 | 1.880465 | 100.0 | 429304845.0 | 0.037609 | Y |
| 2 | IC 460-1017574/2 | 500.0 | 17.896941 | 100.0 | 405883926.0 | 0.035794 | Y |
| 3 | IC 460-1017574/3 | 1000.0 | 40.639285 | 100.0 | 349369688.0 | 0.040639 | Y |
| 4 | IC 460-1017574/4 | 1500.0 | 63.19802 | 100.0 | 363103765.0 | 0.042132 | Y |
| 5 | IC 460-1017574/5 | 2500.0 | 98.980452 | 100.0 | 357207726.0 | 0.039592 | Y |






2/14/2025
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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1009318

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 03:41 Calibration End Date: 11/27/2024 04:45 Calibration ID: 99435

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009318/3 | 4F0011516.D |
| Level 2 | IC 460-1009318/4 | 4F0011517.D |
| Level 3 | IC 460-1009318/5 | 4F0011518.D |
| Level 4 | IC 460-1009318/6 | 4F0011519.D |
| Level 5 | IC 460-1009318/7 | 4F0011520.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlordane (n.o.s.) | | | | | | None | | | | | | | | | | | |
| Chlordane (n.o.s.) Peak 1 | 0.0628 | 0.0645 | 0.0434 | 0.0582 | 0.0619 | Ave | | 0.0581 | | | | 14.8 | | 20.0 | | | |
| Chlordane (technical) Peak 1 | 0.0628 | 0.0645 | 0.0434 | 0.0582 | 0.0619 | Ave | | 0.0581 | | | | 14.8 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 2 | 0.0738 | 0.0660 | 0.0451 | 0.0632 | 0.0610 | Ave | | 0.0618 | | | | 17.0 | | 20.0 | | | |
| Chlordane (technical) Peak 2 | 0.0738 | 0.0660 | 0.0451 | 0.0632 | 0.0610 | Ave | | 0.0618 | | | | 17.0 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 3 | 0.2343 | 0.2259 | 0.1524 | 0.2208 | 0.2146 | Ave | | 0.2096 | | | | 15.6 | | 20.0 | | | |
| Chlordane (technical) Peak 3 | 0.2343 | 0.2259 | 0.1524 | 0.2208 | 0.2146 | Ave | | 0.2096 | | | | 15.6 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 4 | 0.2598 | 0.2537 | 0.1702 | 0.2468 | 0.2398 | Ave | | 0.2341 | | | | 15.6 | | 20.0 | | | |
| Chlordane (technical) Peak 4 | 0.2598 | 0.2537 | 0.1702 | 0.2468 | 0.2398 | Ave | | 0.2341 | | | | 15.6 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 5 | 0.1769 | 0.1727 | 0.1136 | 0.1669 | 0.1626 | Ave | | 0.1585 | | | | 16.2 | | 20.0 | | | |
| Chlordane (technical) Peak 5 | 0.1769 | 0.1727 | 0.1136 | 0.1669 | 0.1626 | Ave | | 0.1585 | | | | 16.2 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009318

SDG No.:

Instrument ID: CPESTGC4 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 03:41 | Calibration End Date: 11/27/2024 04:45 | Calibration ID: 99435

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009318/3 | 4F0011516.D |
| Level 2 | IC 460-1009318/4 | 4F0011517.D |
| Level 3 | IC 460-1009318/5 | 4F0011518.D |
| Level 4 | IC 460-1009318/6 | 4F0011519.D |
| Level 5 | IC 460-1009318/7 | 4F0011520.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlordane (n.o.s.) | BNB | None | | | | | | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 1 | BNB | Ave | 2179196 | 16702821 | 24611010 | 44397113 | 83849847 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 1 | BNB | Ave | 2179196 | 16702821 | 24611010 | 44397113 | 83849847 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 2 | BNB | Ave | 2562821 | 17101347 | 25612049 | 48220357 | 82653054 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 2 | BNB | Ave | 2562821 | 17101347 | 25612049 | 48220357 | 82653054 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 3 | BNB | Ave | 8135574 | 58502842 | 86500171 | 168362742 | 290652187 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 3 | BNB | Ave | 8135574 | 58502842 | 86500171 | 168362742 | 290652187 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 4 | BNB | Ave | 9019732 | 65694473 | 96625568 | 188218517 | 324768782 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 4 | BNB | Ave | 9019732 | 65694473 | 96625568 | 188218517 | 324768782 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 5 | BNB | Ave | 6141270 | 44729772 | 64496239 | 127312451 | 220157490 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 5 | BNB | Ave | 6141270 | 44729772 | 64496239 | 127312451 | 220157490 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:

Ave = Average ISTD
None = No Calib Curve

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011516.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 03:41:57 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:22 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 03-Dec-2024 05:07:22

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.459 | 1.457 | 0.002 | 69445799 | 100.0 | 100.0 | |
| 2 | 1.425 | 1.422 | 0.003 | 161884205 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.939 | 2.936 | 0.003 | 2179196 | 50.0 | 54.0 | M |
| 1 | 3.619 | 3.616 | 0.003 | 2562821 | 50.0 | 59.7 | |
| 1 | 4.346 | 4.344 | 0.002 | 8135574 | 50.0 | 55.9 | |
| 1 | 4.460 | 4.457 | 0.003 | 9019732 | 50.0 | 55.5 | |
| 1 | 4.535 | 4.532 | 0.003 | 6141270 | 50.0 | 55.8 | |
| | | Average of Peak Amounts = | | | | 56.2 | |
| 2 | 2.527 | 2.524 | 0.003 | 5289708 | 50.0 | 57.5 | |
| 2 | 2.924 | 2.922 | 0.002 | 5633104 | 50.0 | 52.4 | |
| 2 | 3.296 | 3.293 | 0.003 | 3439329 | 50.0 | 47.1 | |
| 2 | 3.494 | 3.491 | 0.003 | 22373948 | 50.0 | 55.7 | |
| 2 | 3.629 | 3.626 | 0.003 | 38186577 | 50.0 | 55.9 | |
| | | Average of Peak Amounts = | | | | 53.7 | |
| | | | | | | RPD = 4.47 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.939 | 2.936 | 0.003 | 2179196 | 50.0 | 54.0 | M |
| 1 | 3.619 | 3.616 | 0.003 | 2562821 | 50.0 | 59.7 | |
| 1 | 4.346 | 4.344 | 0.002 | 8135574 | 50.0 | 55.9 | |
| 1 | 4.460 | 4.457 | 0.003 | 9019732 | 50.0 | 55.5 | |
| 1 | 4.535 | 4.532 | 0.003 | 6141270 | 50.0 | 55.8 | |
| | | Average of Peak Amounts = | | | | 56.2 | |
| 2 | 2.527 | 2.524 | 0.003 | 5289708 | 50.0 | 57.5 | |
| 2 | 2.924 | 2.922 | 0.002 | 5633104 | 50.0 | 52.4 | |
| 2 | 3.296 | 3.293 | 0.003 | 3439329 | 50.0 | 47.1 | |
| 2 | 3.494 | 3.491 | 0.003 | 22373948 | 50.0 | 55.7 | |
| 2 | 3.629 | 3.626 | 0.003 | 38186577 | 50.0 | 55.9 | |
| | | Average of Peak Amounts = | | | | 53.7 | |
| | | | | | | RPD = 4.47 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

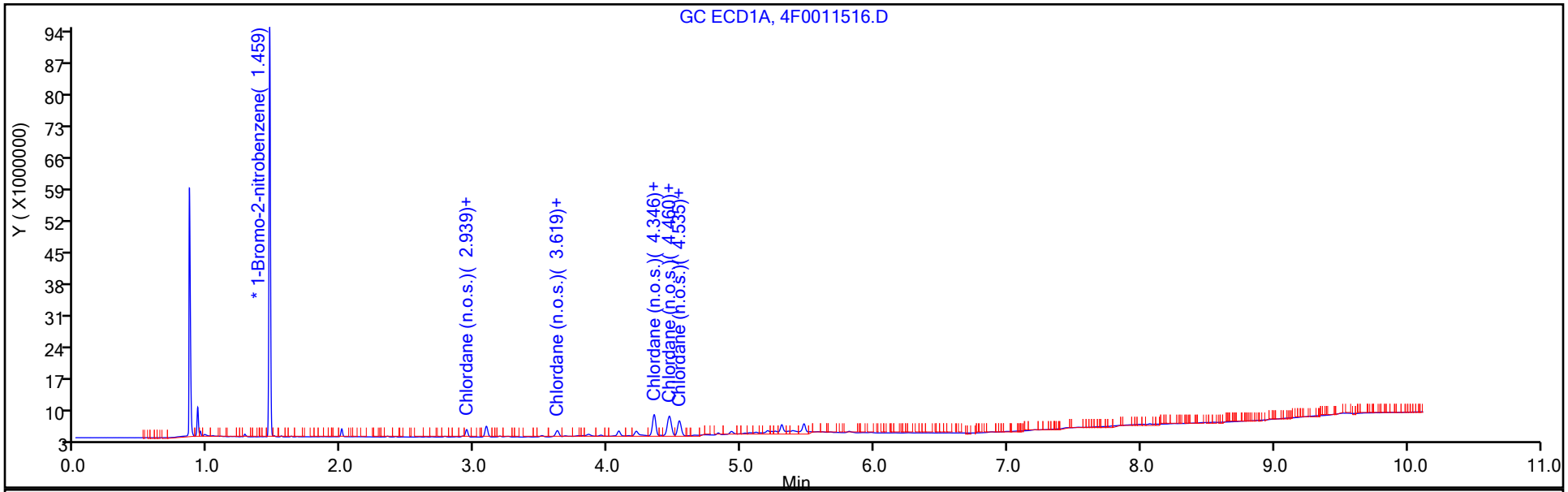
| | | | |
|---|---|---|---|
| SGCHLORDANEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

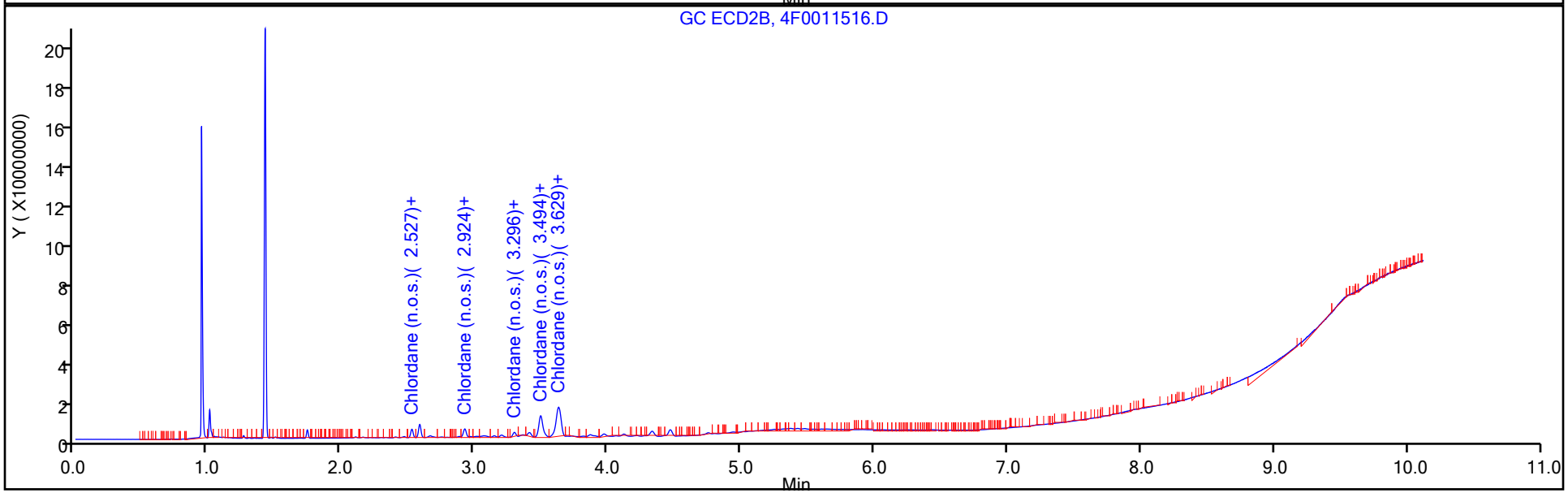
Report Date: 03-Dec-2024 05:07:22 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011516.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 03:41:57 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





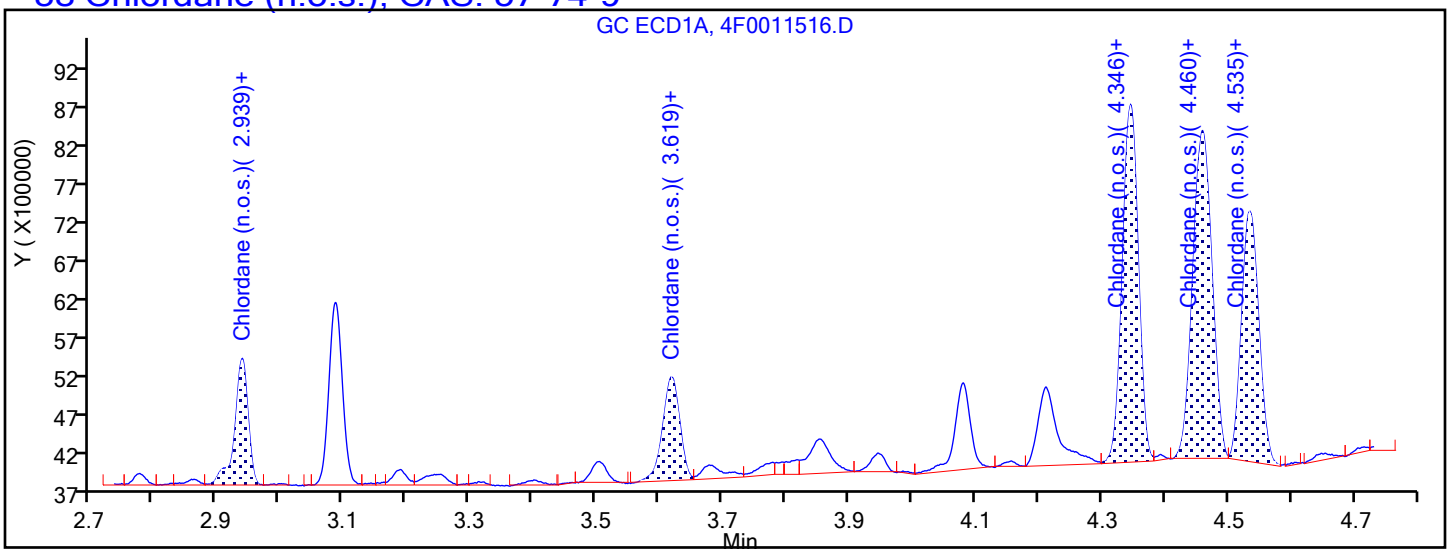

2/14/2025
12:32:58 PM

Report Date: 03-Dec-2024 05:07:22 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

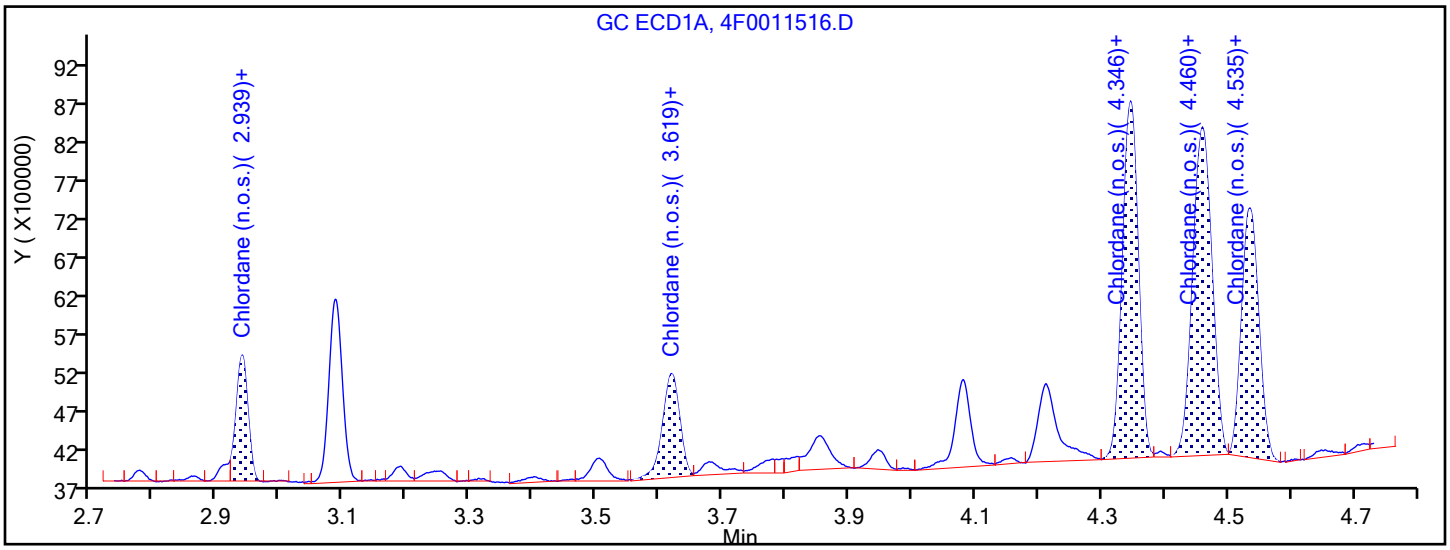
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011516.D
Injection Date: 27-Nov-2024 03:41:57 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.939 | Response = 2478857 |
| 3.619 | Response = 2562821 |
| 4.346 | Response = 8135574 |
| 4.460 | Response = 9019732 |
| 4.535 | Response = 6141270 |




Manual Integration Results

| | | |
|---|---|---|
| 2.939 | Response = 2179196 | M |
| 3.619 | Response = 2562821 | |
| 4.346 | Response = 8135574 | |
| 4.460 | Response = 9019732 | |
| 4.535 | Response = 6141270 | |

Reviewer: ESS0, 27-Nov-2024 04:50:19 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011517.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 03:57:45 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:25 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:24:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 51789525 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.422 | 0.001 | 117751846 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.937 | 2.936 | 0.001 | 16702821 | 500.0 | 554.6 | M |
| 1 | 3.616 | 3.616 | 0.000 | 17101347 | 500.0 | 533.9 | M |
| 1 | 4.343 | 4.344 | -0.001 | 58502842 | 500.0 | 538.9 | M |
| 1 | 4.456 | 4.457 | -0.001 | 65694473 | 500.0 | 542.0 | M |
| 1 | 4.532 | 4.532 | 0.000 | 44729772 | 500.0 | 544.8 | M |
| | | Average of Peak Amounts = | | | | 542.8 | |
| 2 | 2.525 | 2.524 | 0.001 | 35605339 | 500.0 | 531.7 | M |
| 2 | 2.922 | 2.922 | 0.000 | 43174297 | 500.0 | 552.1 | M |
| 2 | 3.294 | 3.293 | 0.001 | 29095754 | 500.0 | 547.4 | M |
| 2 | 3.491 | 3.491 | 0.000 | 156524805 | 500.0 | 536.0 | M |
| 2 | 3.625 | 3.626 | -0.001 | 268001335 | 500.0 | 539.1 | M |
| | | Average of Peak Amounts = | | | | 541.3 | |
| | | | | | | RPD = 0.29 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.937 | 2.936 | 0.001 | 16702821 | 500.0 | 554.6 | M |
| 1 | 3.616 | 3.616 | 0.000 | 17101347 | 500.0 | 533.9 | M |
| 1 | 4.343 | 4.344 | -0.001 | 58502842 | 500.0 | 538.9 | M |
| 1 | 4.456 | 4.457 | -0.001 | 65694473 | 500.0 | 542.0 | M |
| 1 | 4.532 | 4.532 | 0.000 | 44729772 | 500.0 | 544.8 | M |
| | | Average of Peak Amounts = | | | | 542.8 | |
| 2 | 2.525 | 2.524 | 0.001 | 35605339 | 500.0 | 531.7 | M |
| 2 | 2.922 | 2.922 | 0.000 | 43174297 | 500.0 | 552.1 | M |
| 2 | 3.294 | 3.293 | 0.001 | 29095754 | 500.0 | 547.4 | M |
| 2 | 3.491 | 3.491 | 0.000 | 156524805 | 500.0 | 536.0 | M |
| 2 | 3.625 | 3.626 | -0.001 | 268001335 | 500.0 | 539.1 | M |
| | | Average of Peak Amounts = | | | | 541.3 | |
| | | | | | | RPD = 0.29 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGCHLORDANEL3_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

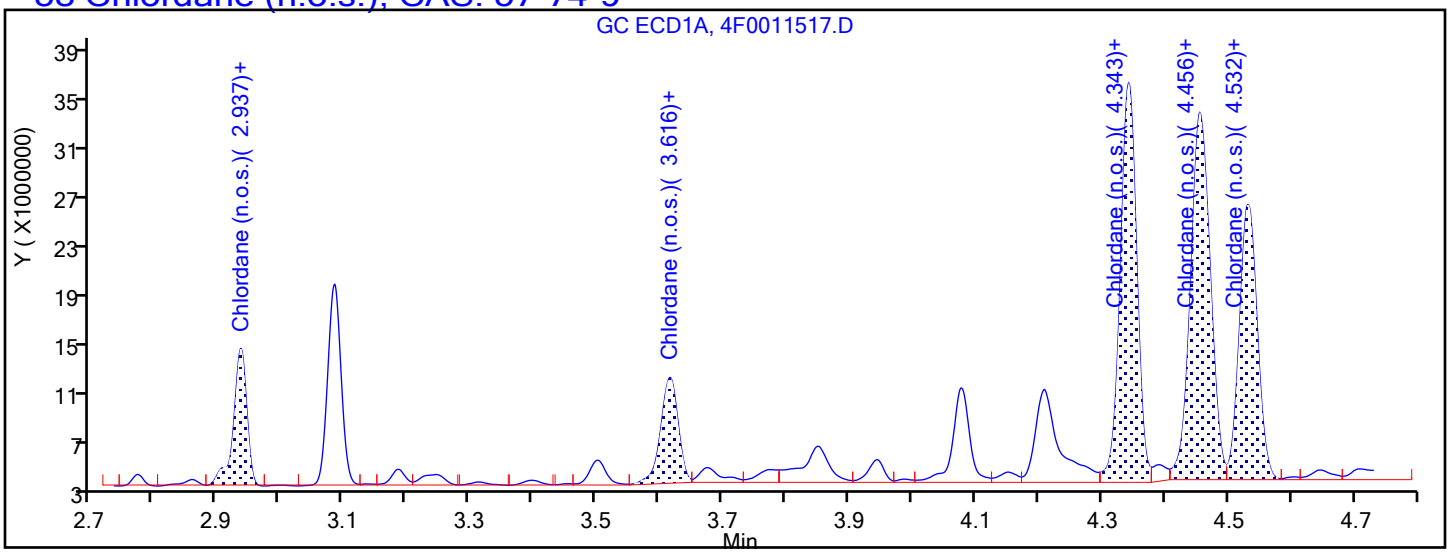
Report Date: 03-Dec-2024 05:07:25 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011517.D

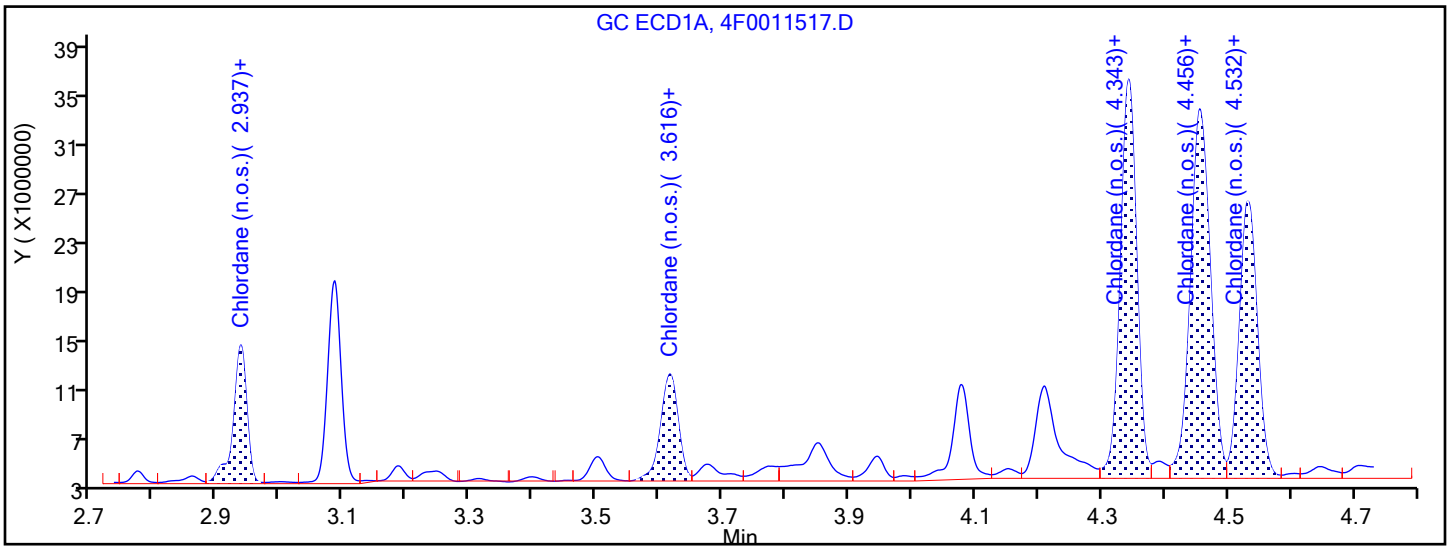
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 03:57:45 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.937 | Response = 16546017 |
| 3.616 | Response = 16714764 |
| 4.343 | Response = 58092714 |
| 4.456 | Response = 65255745 |
| 4.532 | Response = 44317093 |




Manual Integration Results

| | | |
|---|---|---|
| 2.937 | Response = 16702821 | M |
| 3.616 | Response = 17101347 | M |
| 4.343 | Response = 58502842 | M |
| 4.456 | Response = 65694473 | M |
| 4.532 | Response = 44729772 | M |

Reviewer: ESS0, 27-Nov-2024 04:23:49 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Nov-2024 04:13:35 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:28 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:36:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 56770807 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 129862171 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.935 | 2.935 | 0.000 | 24611010 | 1000.0 | 745.5 | M |
| 1 | 3.615 | 3.615 | 0.000 | 25612049 | 1000.0 | 729.5 | M |
| 1 | 4.343 | 4.343 | 0.000 | 86500171 | 1000.0 | 726.9 | M |
| 1 | 4.455 | 4.455 | 0.000 | 96625568 | 1000.0 | 727.2 | M |
| 1 | 4.532 | 4.532 | 0.000 | 64496239 | 1000.0 | 716.6 | M |
| | | Average of Peak Amounts = | | | | 729.1 | |
| 2 | 2.525 | 2.525 | 0.000 | 52490801 | 1000.0 | 710.7 | M |
| 2 | 2.920 | 2.920 | 0.000 | 63268630 | 1000.0 | 733.6 | M |
| 2 | 3.293 | 3.293 | 0.000 | 43163842 | 1000.0 | 736.3 | M |
| 2 | 3.490 | 3.490 | 0.000 | 231205325 | 1000.0 | 718.0 | M |
| 2 | 3.624 | 3.624 | 0.000 | 393774421 | 1000.0 | 718.2 | M |
| | | Average of Peak Amounts = | | | | 723.4 | |
| | | | | | | RPD = 0.80 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.935 | 2.935 | 0.000 | 24611010 | 1000.0 | 745.5 | M |
| 1 | 3.615 | 3.615 | 0.000 | 25612049 | 1000.0 | 729.5 | M |
| 1 | 4.343 | 4.343 | 0.000 | 86500171 | 1000.0 | 726.9 | M |
| 1 | 4.455 | 4.455 | 0.000 | 96625568 | 1000.0 | 727.2 | M |
| 1 | 4.532 | 4.532 | 0.000 | 64496239 | 1000.0 | 716.6 | M |
| | | Average of Peak Amounts = | | | | 729.1 | |
| 2 | 2.525 | 2.525 | 0.000 | 52490801 | 1000.0 | 710.7 | M |
| 2 | 2.920 | 2.920 | 0.000 | 63268630 | 1000.0 | 733.6 | M |
| 2 | 3.293 | 3.293 | 0.000 | 43163842 | 1000.0 | 736.3 | M |
| 2 | 3.490 | 3.490 | 0.000 | 231205325 | 1000.0 | 718.0 | M |
| 2 | 3.624 | 3.624 | 0.000 | 393774421 | 1000.0 | 718.2 | M |
| | | Average of Peak Amounts = | | | | 723.4 | |
| | | | | | | RPD = 0.80 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

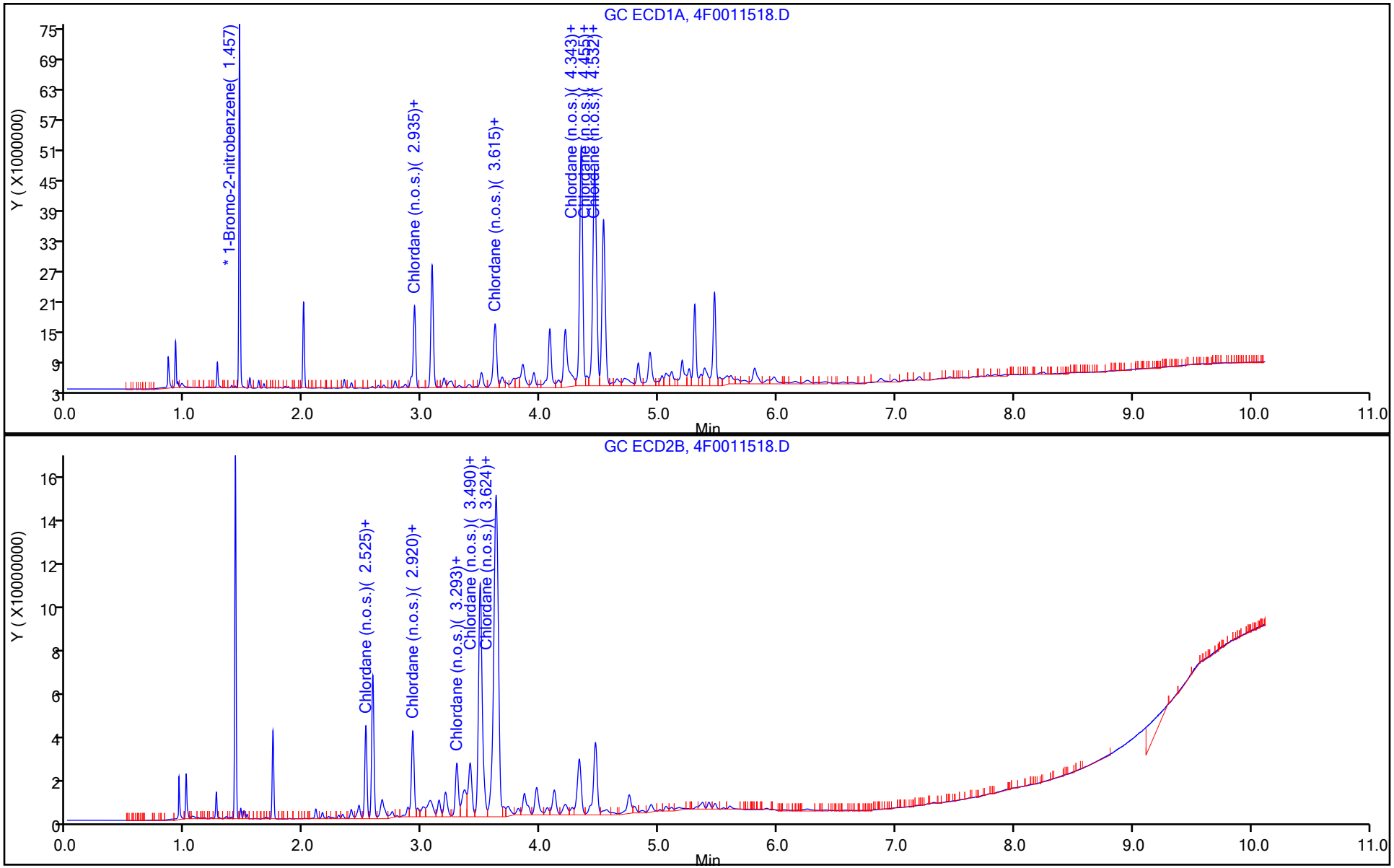
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:28 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:13:35 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





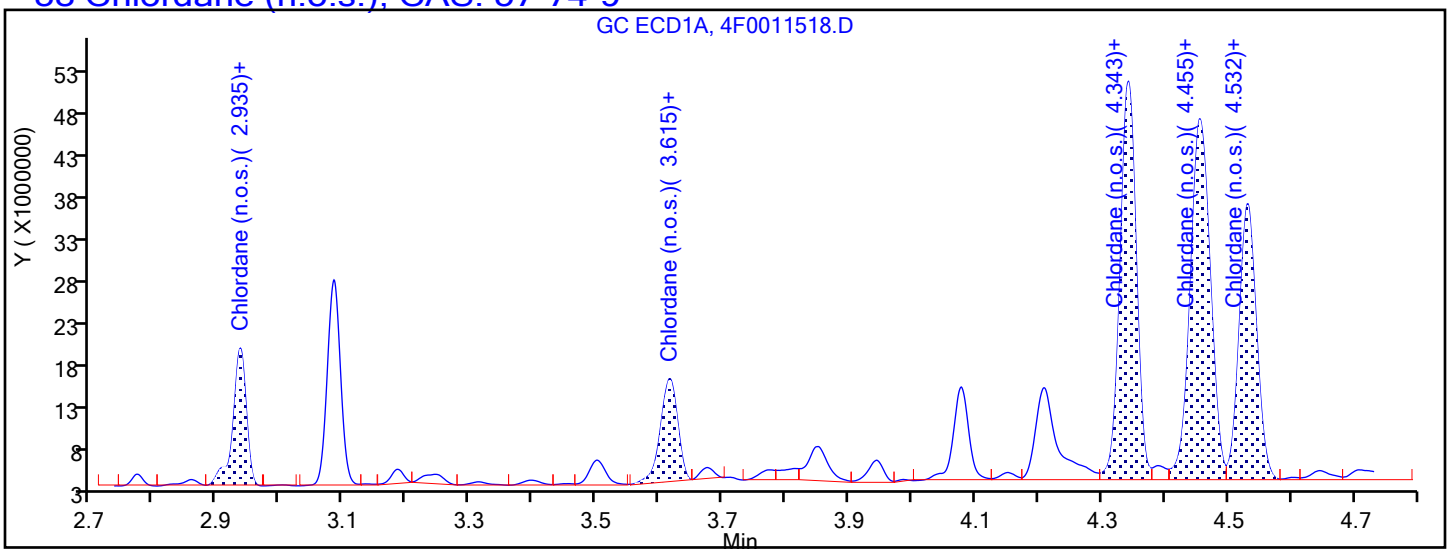

2/14/2025
12:32:58 PM

Report Date: 03-Dec-2024 05:07:29 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

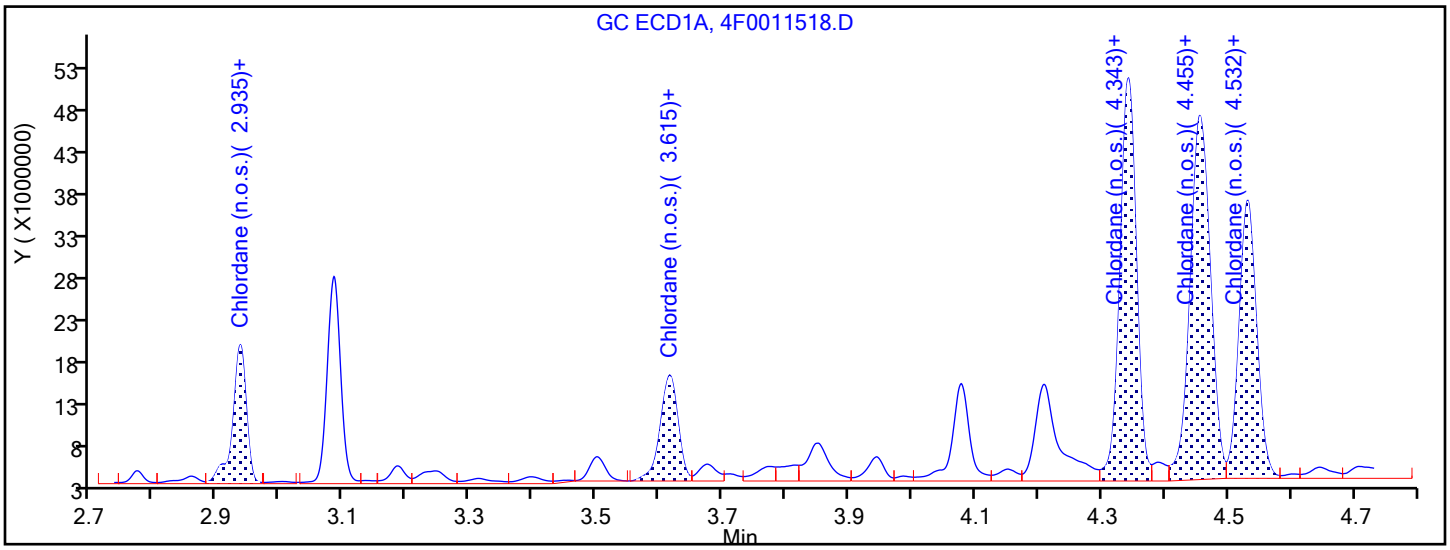
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D
Injection Date: 27-Nov-2024 04:13:35 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.935 | Response = 24260644 |
| 3.615 | Response = 23028174 |
| 4.343 | Response = 83970533 |
| 4.455 | Response = 93958886 |
| 4.532 | Response = 62152318 |




Manual Integration Results

| | | |
|---|---|---|
| 2.935 | Response = 24611010 | M |
| 3.615 | Response = 25612049 | M |
| 4.343 | Response = 86500171 | M |
| 4.455 | Response = 96625568 | M |
| 4.532 | Response = 64496239 | M |

Reviewer: ESS0, 27-Nov-2024 04:49:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 04:29:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:31 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:48:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 50840961 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 115104301 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 44397113 | 1500.0 | 1501.7 | M |
| 1 | 3.616 | 3.616 | 0.000 | 48220357 | 1500.0 | 1533.6 | M |
| 1 | 4.344 | 4.344 | 0.000 | 168362742 | 1500.0 | 1580.0 | M |
| 1 | 4.457 | 4.457 | 0.000 | 188218517 | 1500.0 | 1581.7 | M |
| 1 | 4.532 | 4.532 | 0.000 | 127312451 | 1500.0 | 1579.4 | M |
| | | Average of Peak Amounts = | | | | 1555.3 | |
| 2 | 2.524 | 2.524 | 0.000 | 103293959 | 1500.0 | 1578.0 | M |
| 2 | 2.922 | 2.922 | 0.000 | 123503899 | 1500.0 | 1615.5 | M |
| 2 | 3.293 | 3.293 | 0.000 | 87770907 | 1500.0 | 1689.2 | M |
| 2 | 3.491 | 3.491 | 0.000 | 456738038 | 1500.0 | 1600.1 | M |
| 2 | 3.626 | 3.626 | 0.000 | 773911759 | 1500.0 | 1592.5 | M |
| | | Average of Peak Amounts = | | | | 1615.1 | |
| | | | | | | RPD = 3.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 44397113 | 1500.0 | 1501.7 | M |
| 1 | 3.616 | 3.616 | 0.000 | 48220357 | 1500.0 | 1533.6 | M |
| 1 | 4.344 | 4.344 | 0.000 | 168362742 | 1500.0 | 1580.0 | M |
| 1 | 4.457 | 4.457 | 0.000 | 188218517 | 1500.0 | 1581.7 | M |
| 1 | 4.532 | 4.532 | 0.000 | 127312451 | 1500.0 | 1579.4 | M |
| | | Average of Peak Amounts = | | | | 1555.3 | |
| 2 | 2.524 | 2.524 | 0.000 | 103293959 | 1500.0 | 1578.0 | M |
| 2 | 2.922 | 2.922 | 0.000 | 123503899 | 1500.0 | 1615.5 | M |
| 2 | 3.293 | 3.293 | 0.000 | 87770907 | 1500.0 | 1689.2 | M |
| 2 | 3.491 | 3.491 | 0.000 | 456738038 | 1500.0 | 1600.1 | M |
| 2 | 3.626 | 3.626 | 0.000 | 773911759 | 1500.0 | 1592.5 | M |
| | | Average of Peak Amounts = | | | | 1615.1 | |
| | | | | | | RPD = 3.77 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

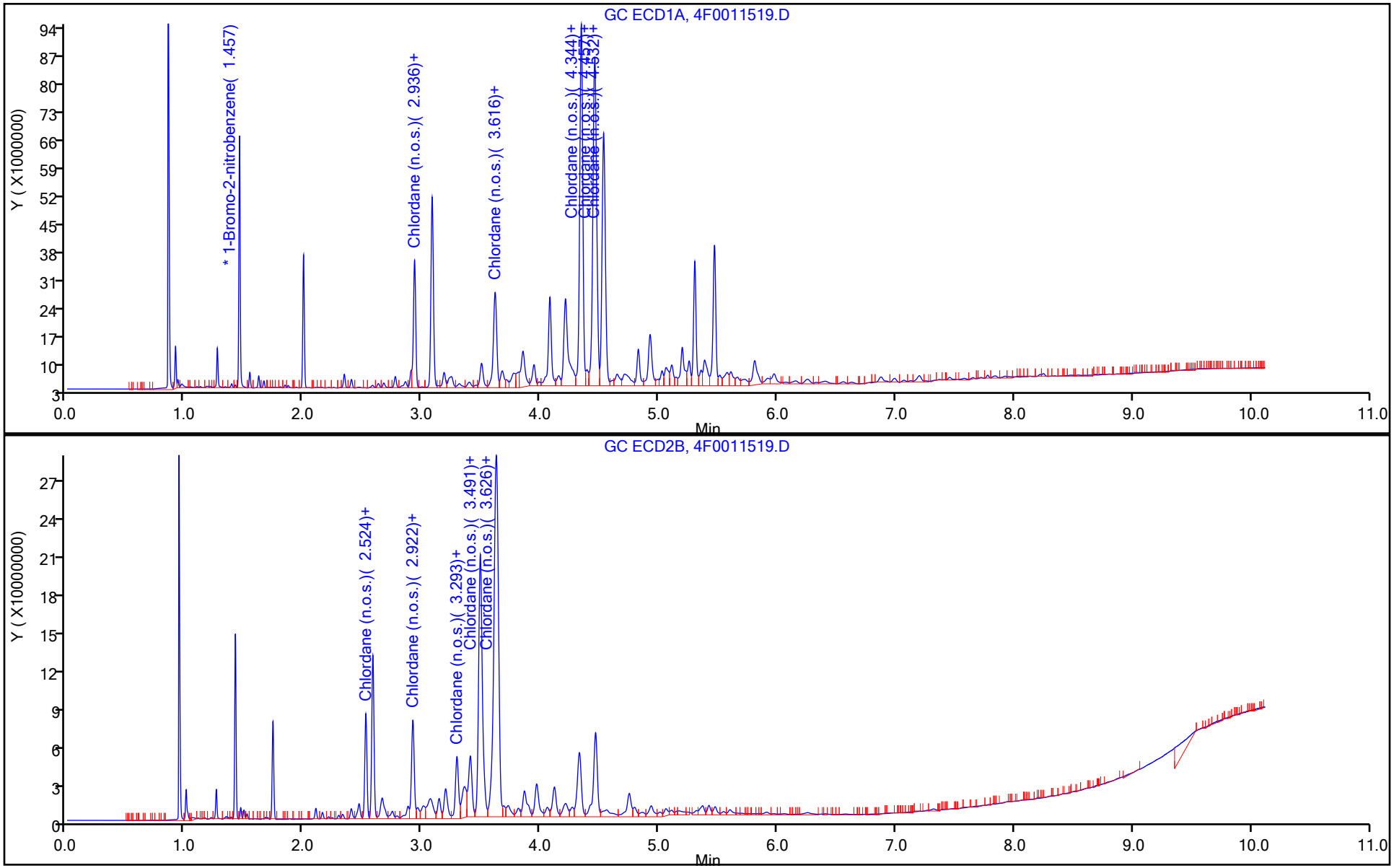
| | | | |
|---|---|---|---|
| SGCHLORDANEL5_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:31 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:29:24 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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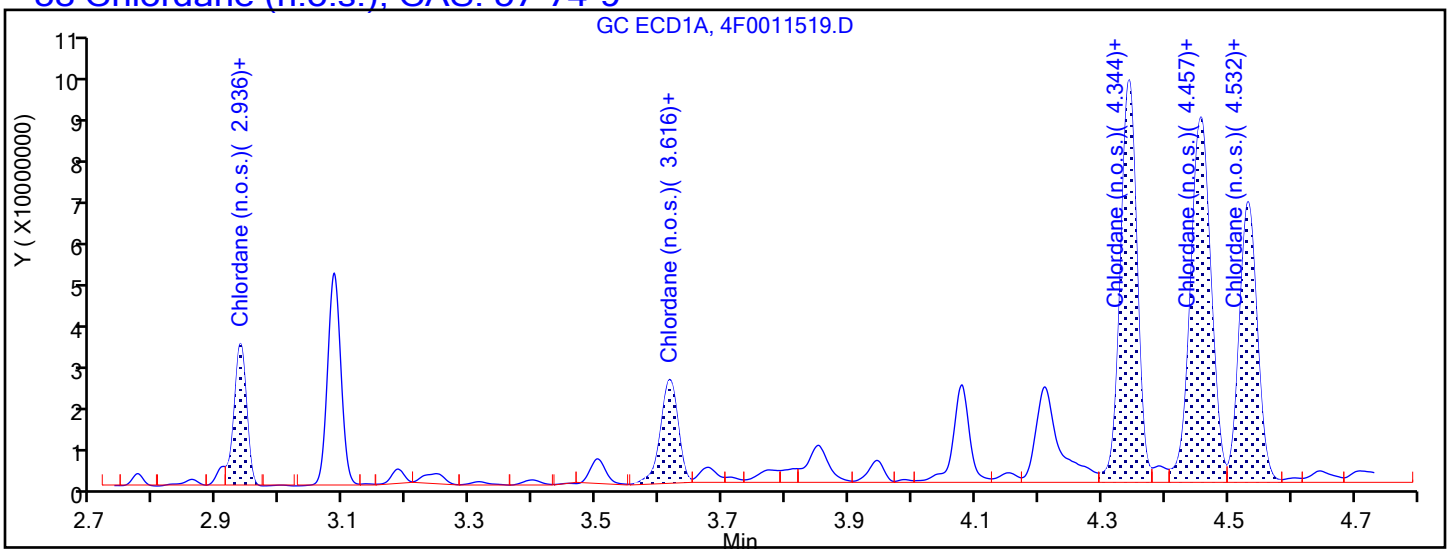
Report Date: 03-Dec-2024 05:07:31 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

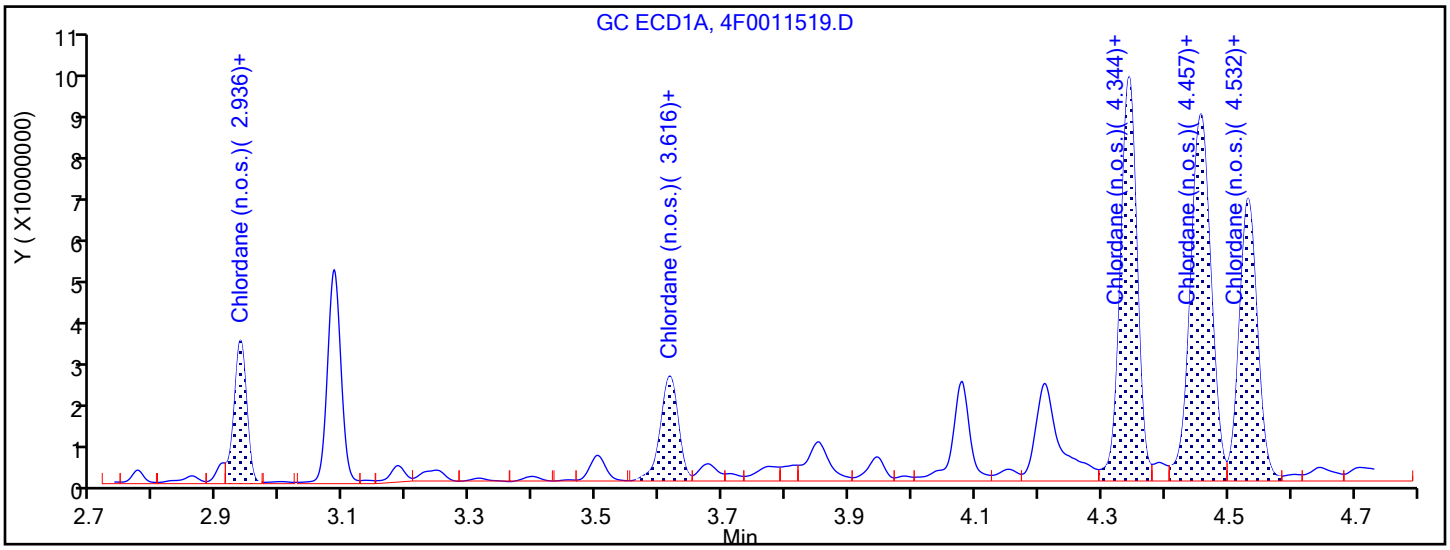
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D
Injection Date: 27-Nov-2024 04:29:24 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.936 | Response = 43487463 |
| 3.616 | Response = 45811330 |
| 4.344 | Response = 165293620 |
| 4.457 | Response = 184814616 |
| 4.532 | Response = 124049451 |




Manual Integration Results

| | | |
|---|---|---|
| 2.936 | Response = 44397113 | M |
| 3.616 | Response = 48220357 | M |
| 4.344 | Response = 168362742 | M |
| 4.457 | Response = 188218517 | M |
| 4.532 | Response = 127312451 | M |

Reviewer: ESS0, 27-Nov-2024 04:48:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 04:45:14 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:34 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 05:03:39

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 54168239 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 123467813 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 83849847 | 2500.0 | 2662.0 | M |
| 1 | 3.615 | 3.616 | -0.001 | 82653054 | 2500.0 | 2467.2 | M |
| 1 | 4.344 | 4.344 | 0.000 | 290652187 | 2500.0 | 2560.0 | M |
| 1 | 4.456 | 4.457 | -0.001 | 324768782 | 2500.0 | 2561.6 | M |
| 1 | 4.532 | 4.532 | 0.000 | 220157490 | 2500.0 | 2563.5 | M |
| | | Average of Peak Amounts = | | | | 2562.9 | |
| 2 | 2.524 | 2.524 | 0.000 | 179890112 | 2500.0 | 2561.9 | M |
| 2 | 2.921 | 2.922 | -0.001 | 212682220 | 2500.0 | 2593.6 | M |
| 2 | 3.294 | 3.293 | 0.001 | 153467752 | 2500.0 | 2753.6 | M |
| 2 | 3.491 | 3.491 | 0.000 | 787299193 | 2500.0 | 2571.4 | M |
| 2 | 3.625 | 3.626 | -0.001 | 1335127074 | 2500.0 | 2561.3 | M |
| | | Average of Peak Amounts = | | | | 2608.4 | |
| | | | | | | RPD = 1.76 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 83849847 | 2500.0 | 2662.0 | M |
| 1 | 3.615 | 3.616 | -0.001 | 82653054 | 2500.0 | 2467.2 | M |
| 1 | 4.344 | 4.344 | 0.000 | 290652187 | 2500.0 | 2560.0 | M |
| 1 | 4.456 | 4.457 | -0.001 | 324768782 | 2500.0 | 2561.6 | M |
| 1 | 4.532 | 4.532 | 0.000 | 220157490 | 2500.0 | 2563.5 | M |
| | | Average of Peak Amounts = | | | | 2562.9 | |
| 2 | 2.524 | 2.524 | 0.000 | 179890112 | 2500.0 | 2561.9 | M |
| 2 | 2.921 | 2.922 | -0.001 | 212682220 | 2500.0 | 2593.6 | M |
| 2 | 3.294 | 3.293 | 0.001 | 153467752 | 2500.0 | 2753.6 | M |
| 2 | 3.491 | 3.491 | 0.000 | 787299193 | 2500.0 | 2571.4 | M |
| 2 | 3.625 | 3.626 | -0.001 | 1335127074 | 2500.0 | 2561.3 | M |
| | | Average of Peak Amounts = | | | | 2608.4 | |
| | | | | | | RPD = 1.76 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

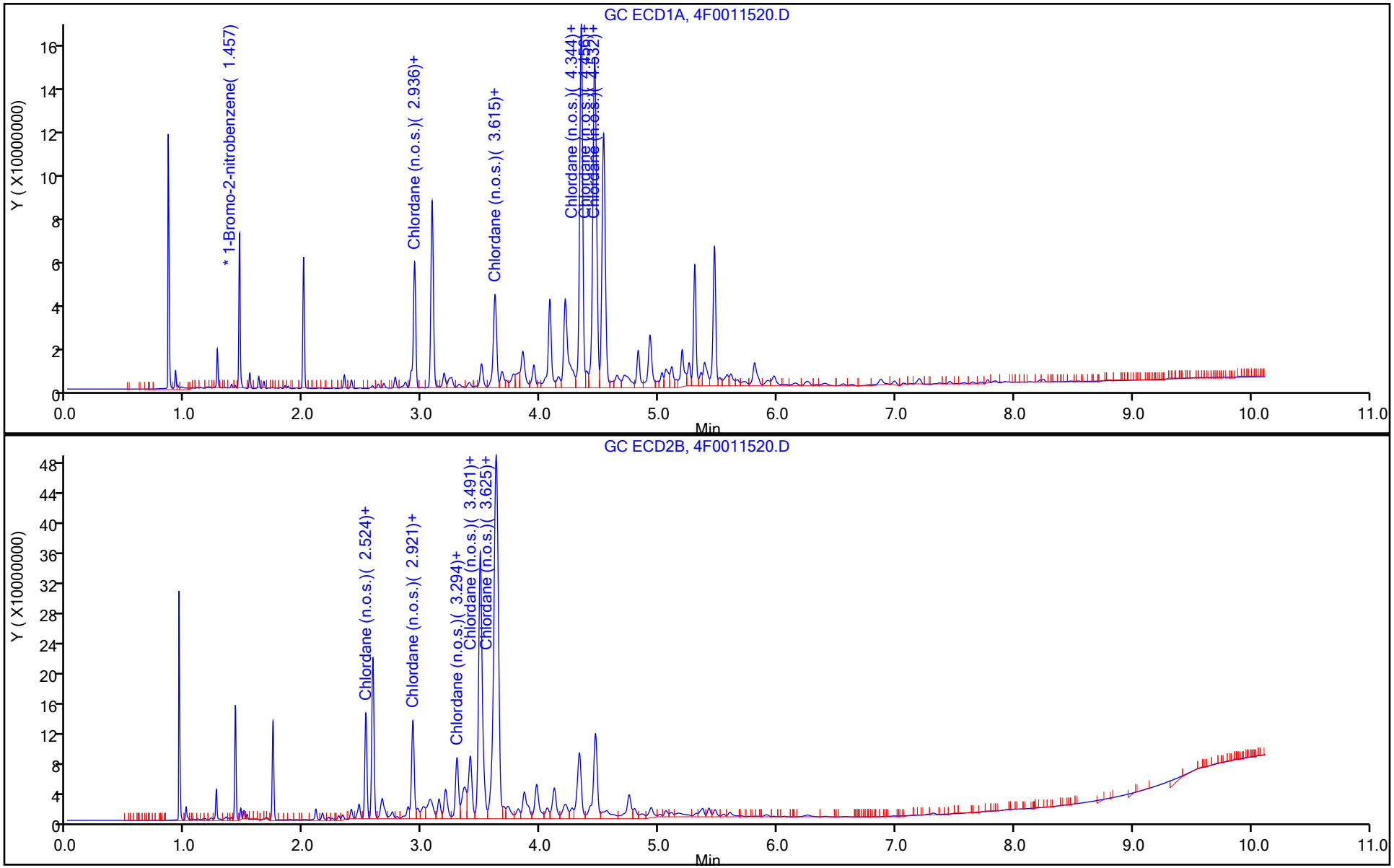
| | | | |
|---|---|---|---|
| SGCHLORDANEL6_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:34 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:45:14 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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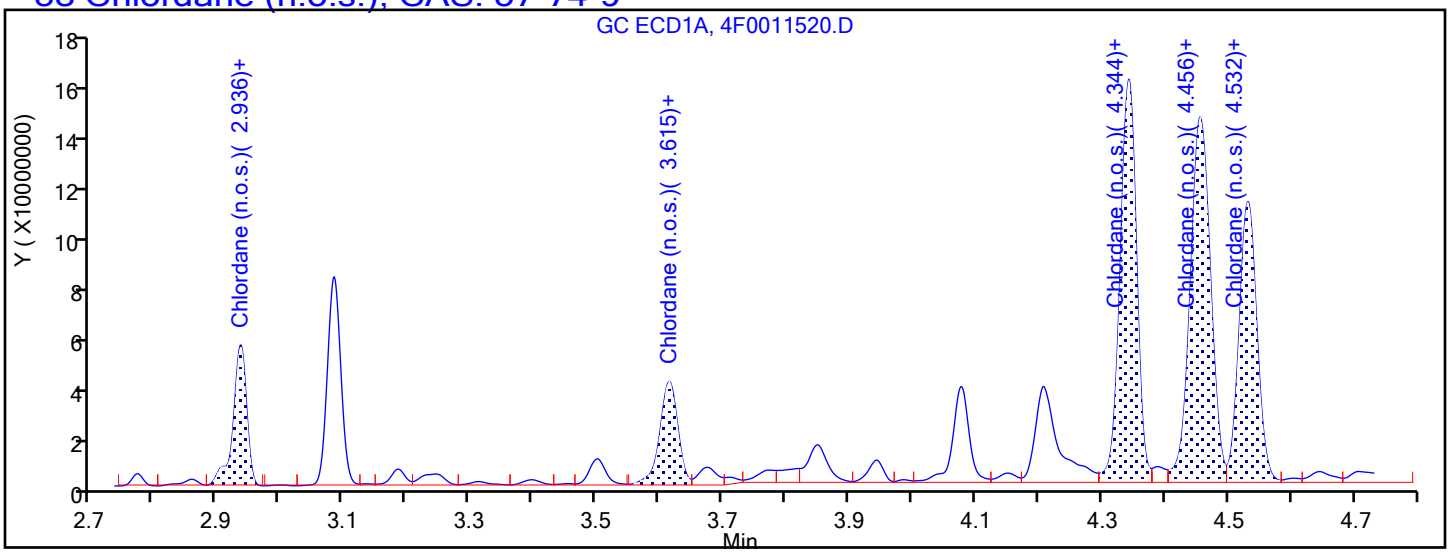
Report Date: 03-Dec-2024 05:07:34 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

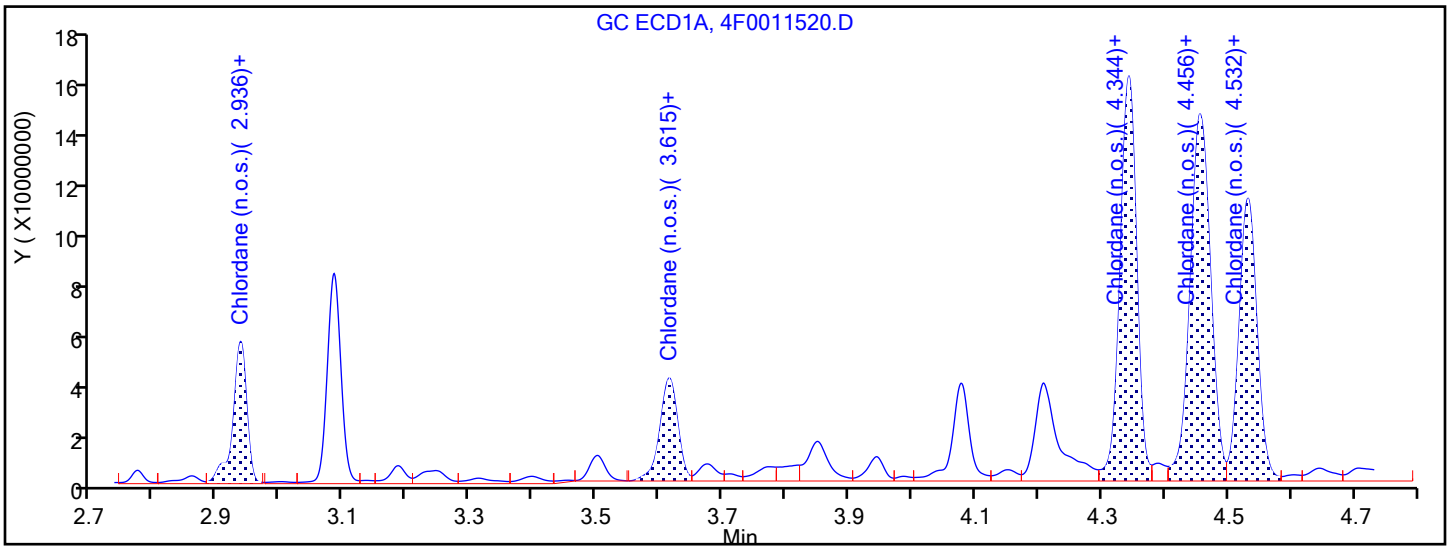
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D
Injection Date: 27-Nov-2024 04:45:14 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.936 | Response = 82557265 |
| 3.615 | Response = 78842796 |
| 4.344 | Response = 286659687 |
| 4.456 | Response = 320301773 |
| 4.532 | Response = 215913947 |




Manual Integration Results

| | | |
|---|---|---|
| 2.936 | Response = 83849847 | M |
| 3.615 | Response = 82653054 | M |
| 4.344 | Response = 290652187 | M |
| 4.456 | Response = 324768782 | M |
| 4.532 | Response = 220157490 | M |

Reviewer: ESS0, 27-Nov-2024 05:03:31 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Chlordane (n.o.s.) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

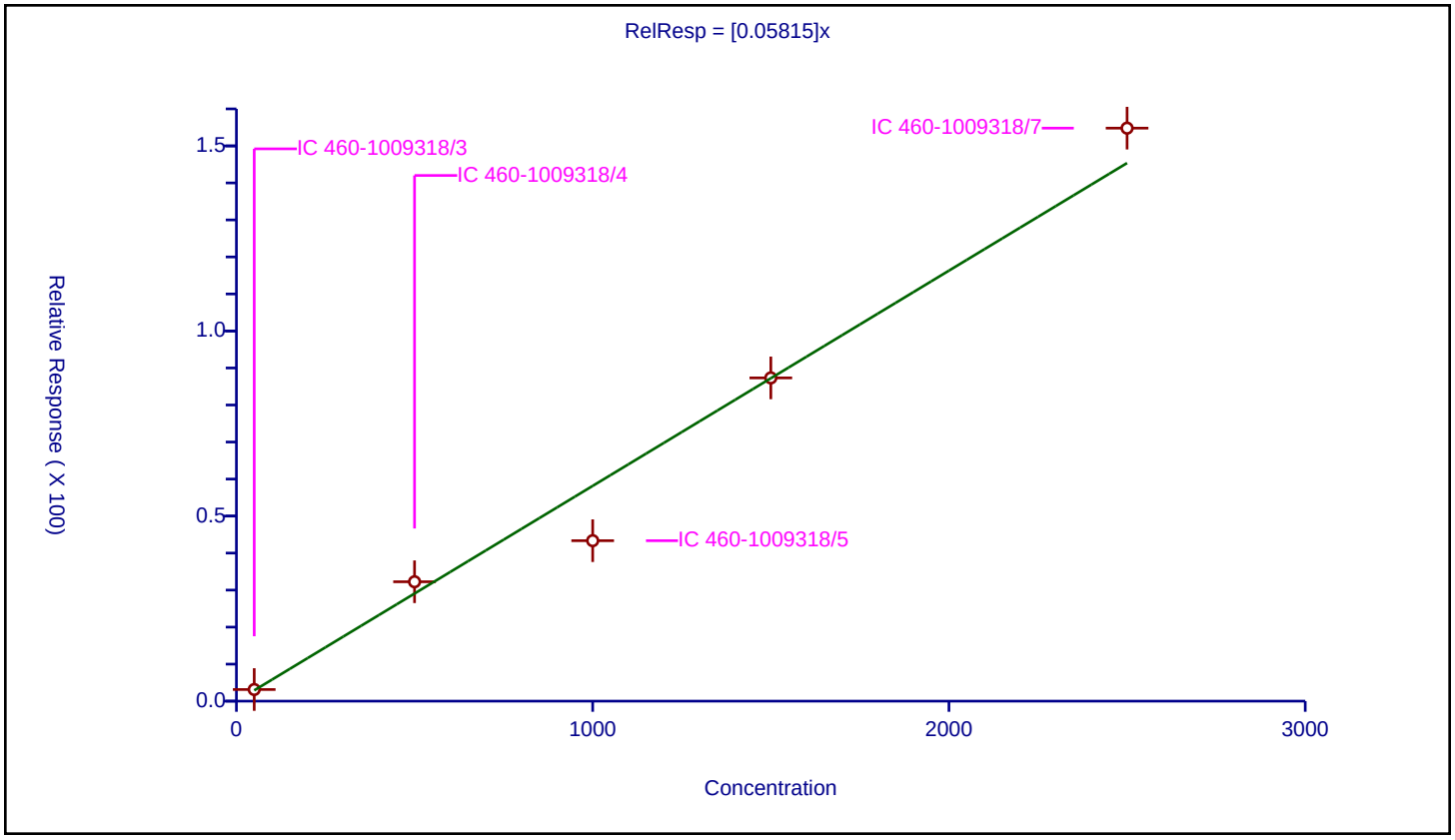
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.137981 | 100.0 | 69445799.0 | 0.06276 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 32.25135 | 100.0 | 51789525.0 | 0.064503 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 43.351524 | 100.0 | 56770807.0 | 0.043352 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 87.32548 | 100.0 | 50840961.0 | 0.058217 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 154.795224 | 100.0 | 54168239.0 | 0.061918 | Y |



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## Calibration / Chlordane (technical) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

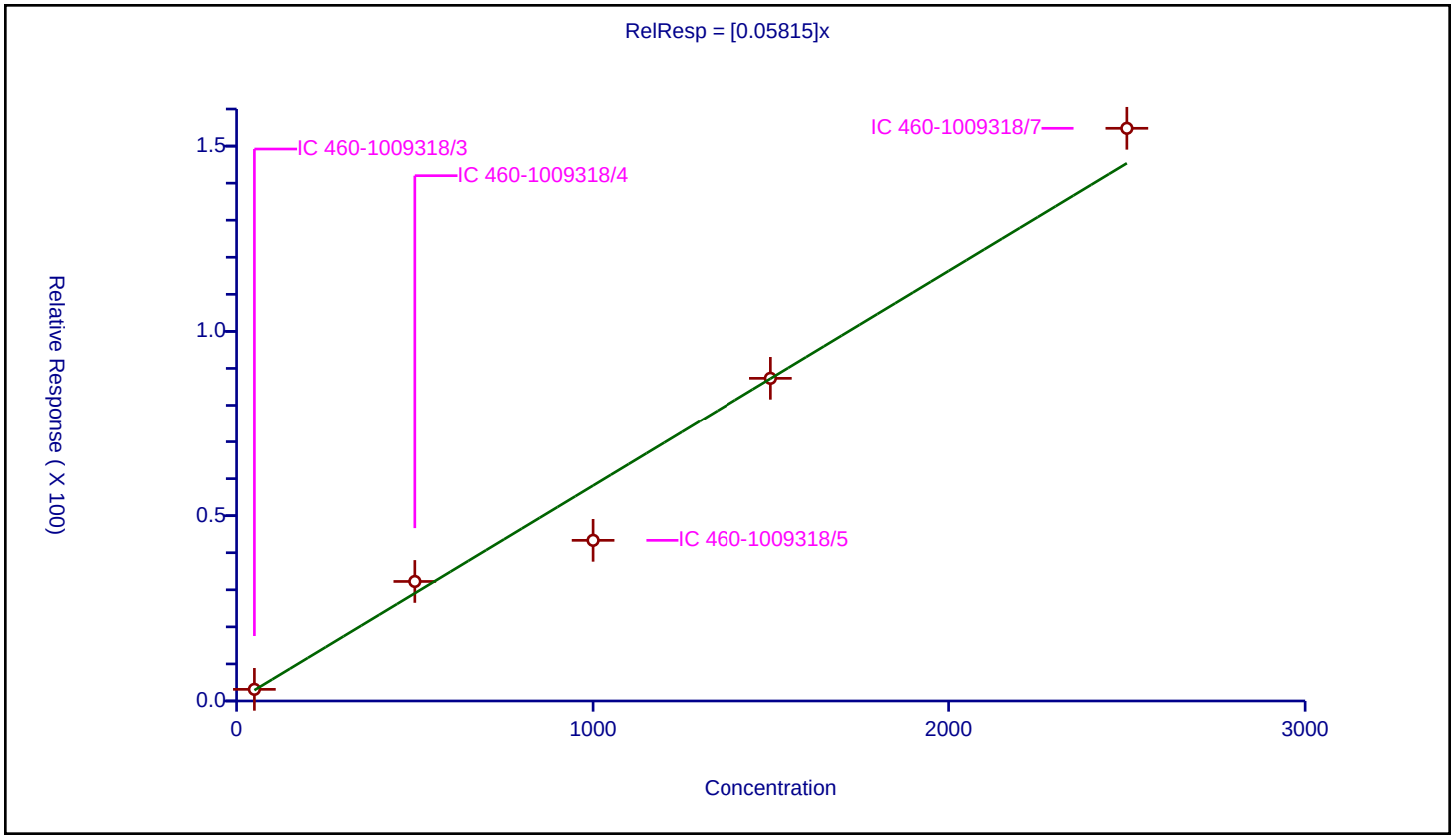
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.137981 | 100.0 | 69445799.0 | 0.06276 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 32.25135 | 100.0 | 51789525.0 | 0.064503 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 43.351524 | 100.0 | 56770807.0 | 0.043352 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 87.32548 | 100.0 | 50840961.0 | 0.058217 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 154.795224 | 100.0 | 54168239.0 | 0.061918 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

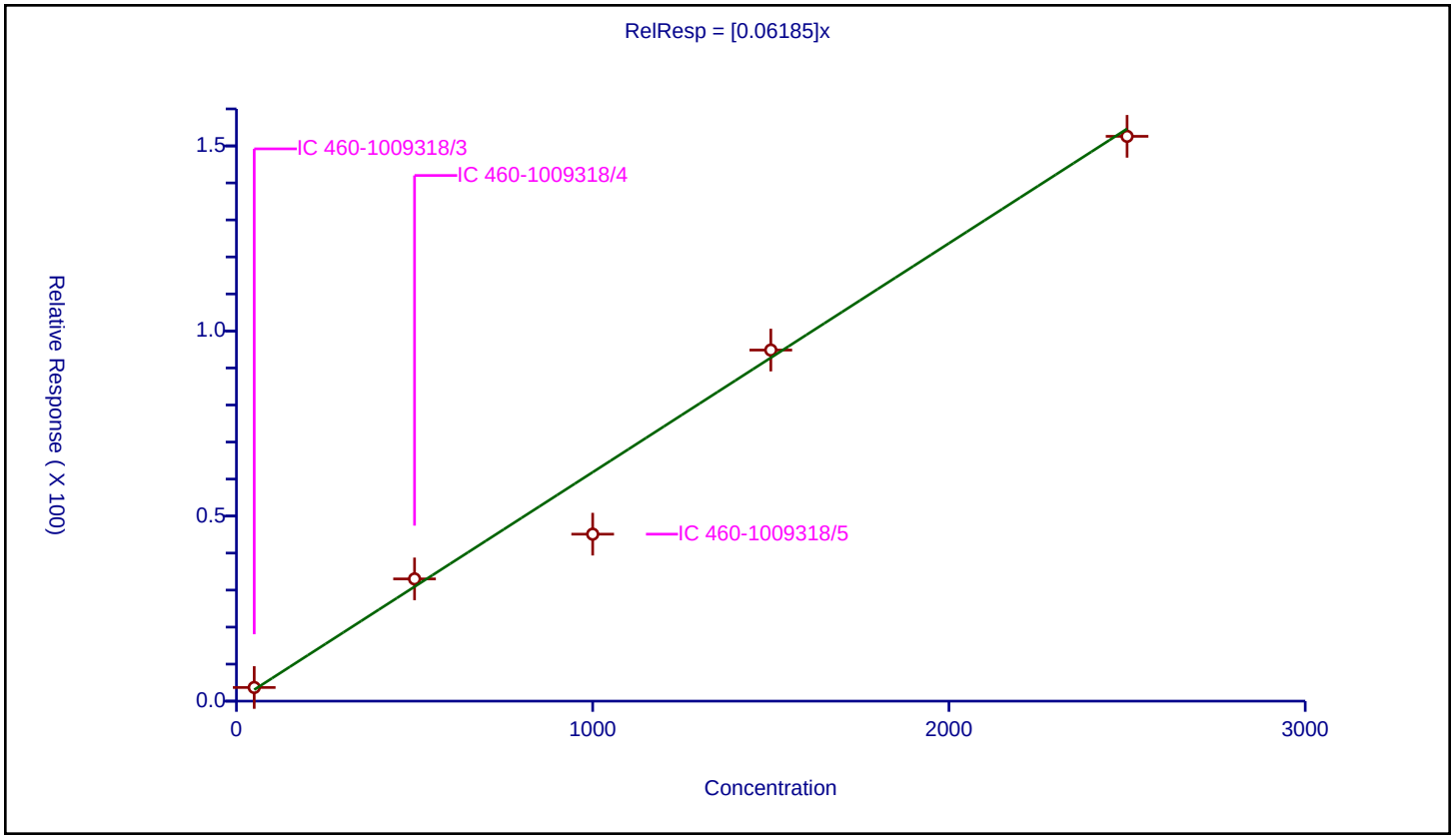
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.69039 | 100.0 | 69445799.0 | 0.073808 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 33.020861 | 100.0 | 51789525.0 | 0.066042 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 45.114823 | 100.0 | 56770807.0 | 0.045115 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 94.845487 | 100.0 | 50840961.0 | 0.06323 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 152.585824 | 100.0 | 54168239.0 | 0.061034 | Y |



## Calibration / Chlordane (technical) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

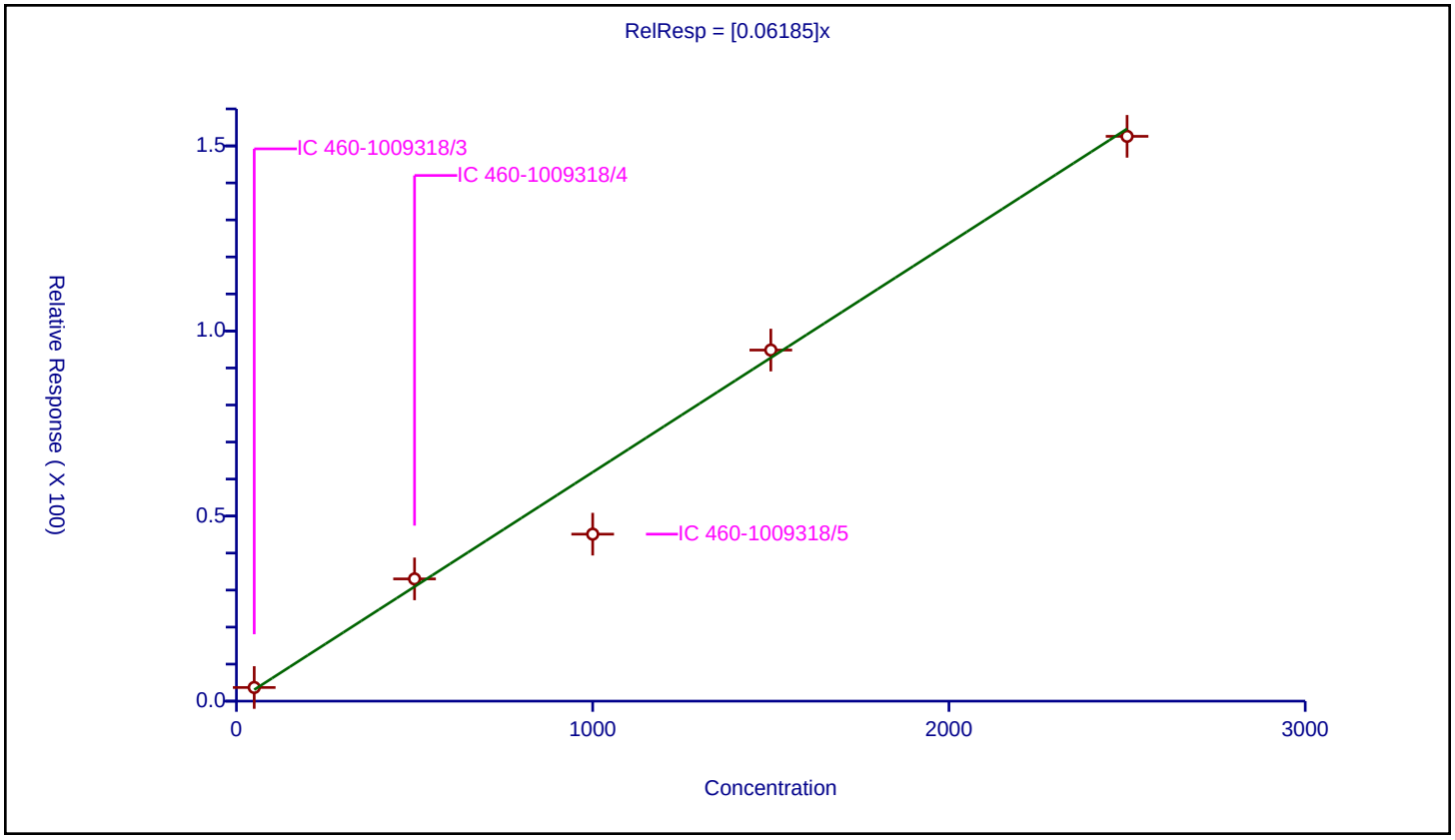
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06185 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.69039 | 100.0 | 69445799.0 | 0.073808 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 33.020861 | 100.0 | 51789525.0 | 0.066042 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 45.114823 | 100.0 | 56770807.0 | 0.045115 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 94.845487 | 100.0 | 50840961.0 | 0.06323 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 152.585824 | 100.0 | 54168239.0 | 0.061034 | Y |



## Calibration / Chlordane (n.o.s.) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

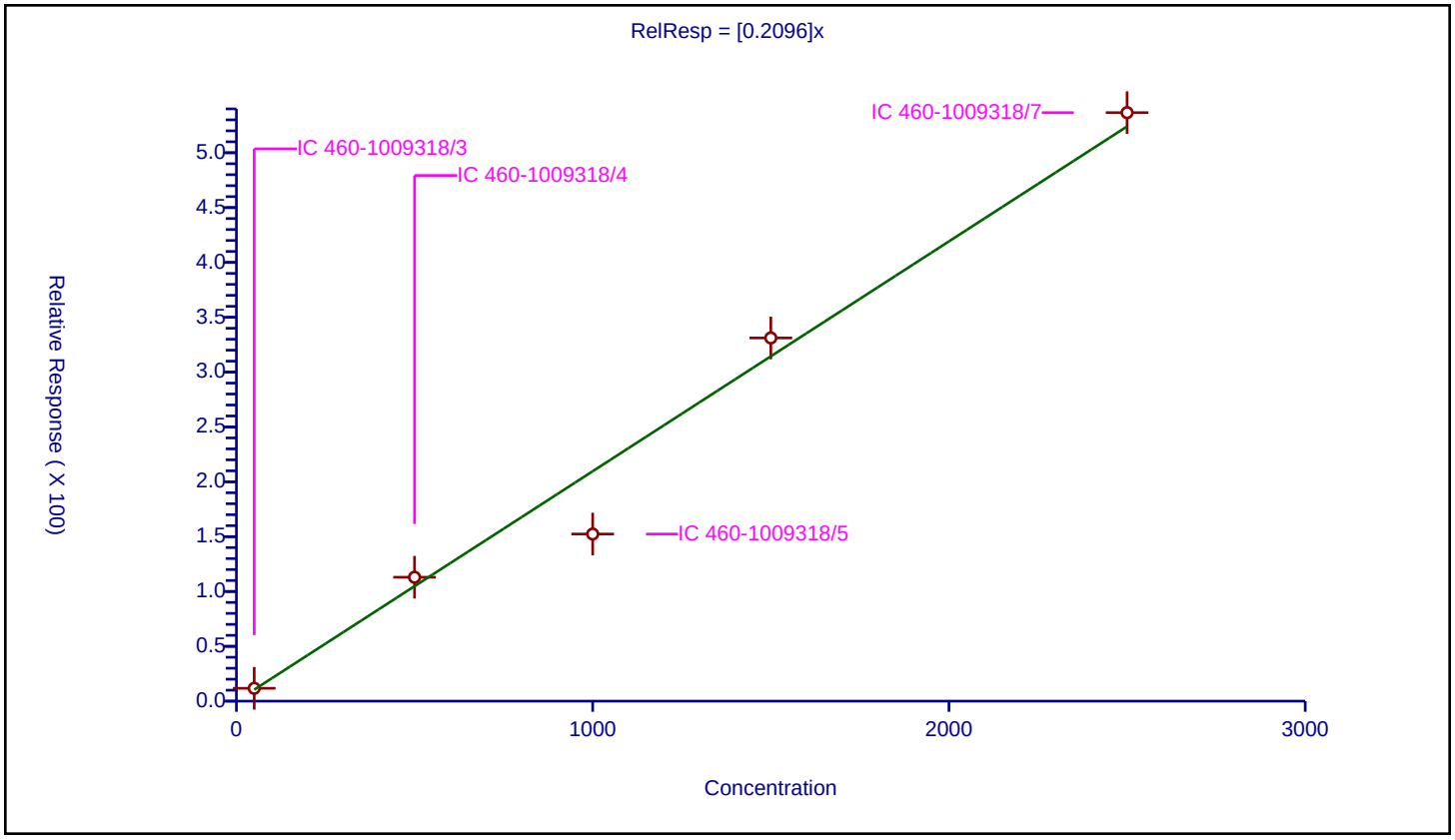
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2096 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 11.714998 | 100.0 | 69445799.0 | 0.2343 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 112.962693 | 100.0 | 51789525.0 | 0.225925 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 152.367344 | 100.0 | 56770807.0 | 0.152367 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 331.155703 | 100.0 | 50840961.0 | 0.22077 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 536.573077 | 100.0 | 54168239.0 | 0.214629 | Y |



## Calibration / Chlordane (technical) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

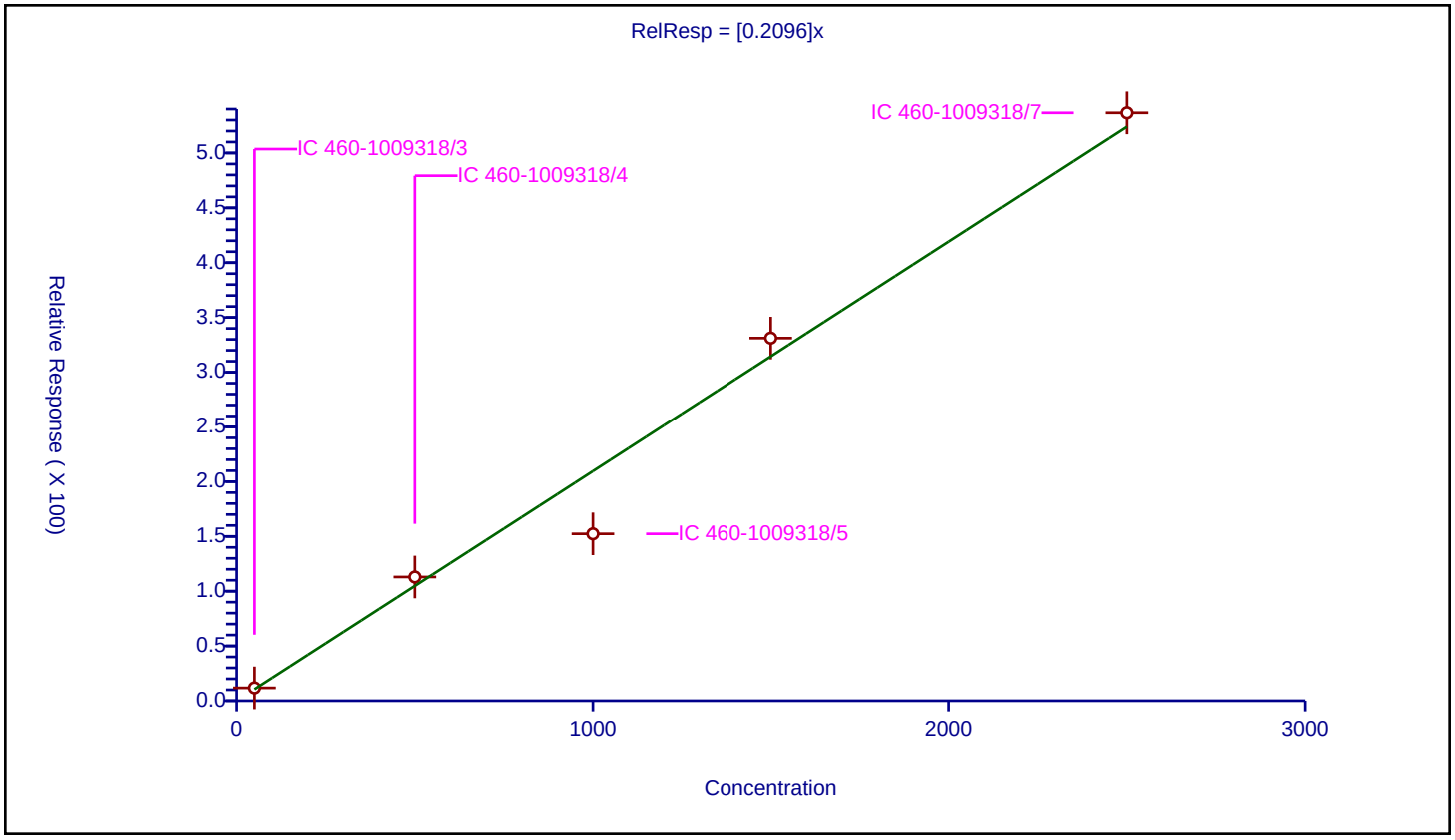
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2096 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 11.714998 | 100.0 | 69445799.0 | 0.2343 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 112.962693 | 100.0 | 51789525.0 | 0.225925 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 152.367344 | 100.0 | 56770807.0 | 0.152367 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 331.155703 | 100.0 | 50840961.0 | 0.22077 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 536.573077 | 100.0 | 54168239.0 | 0.214629 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

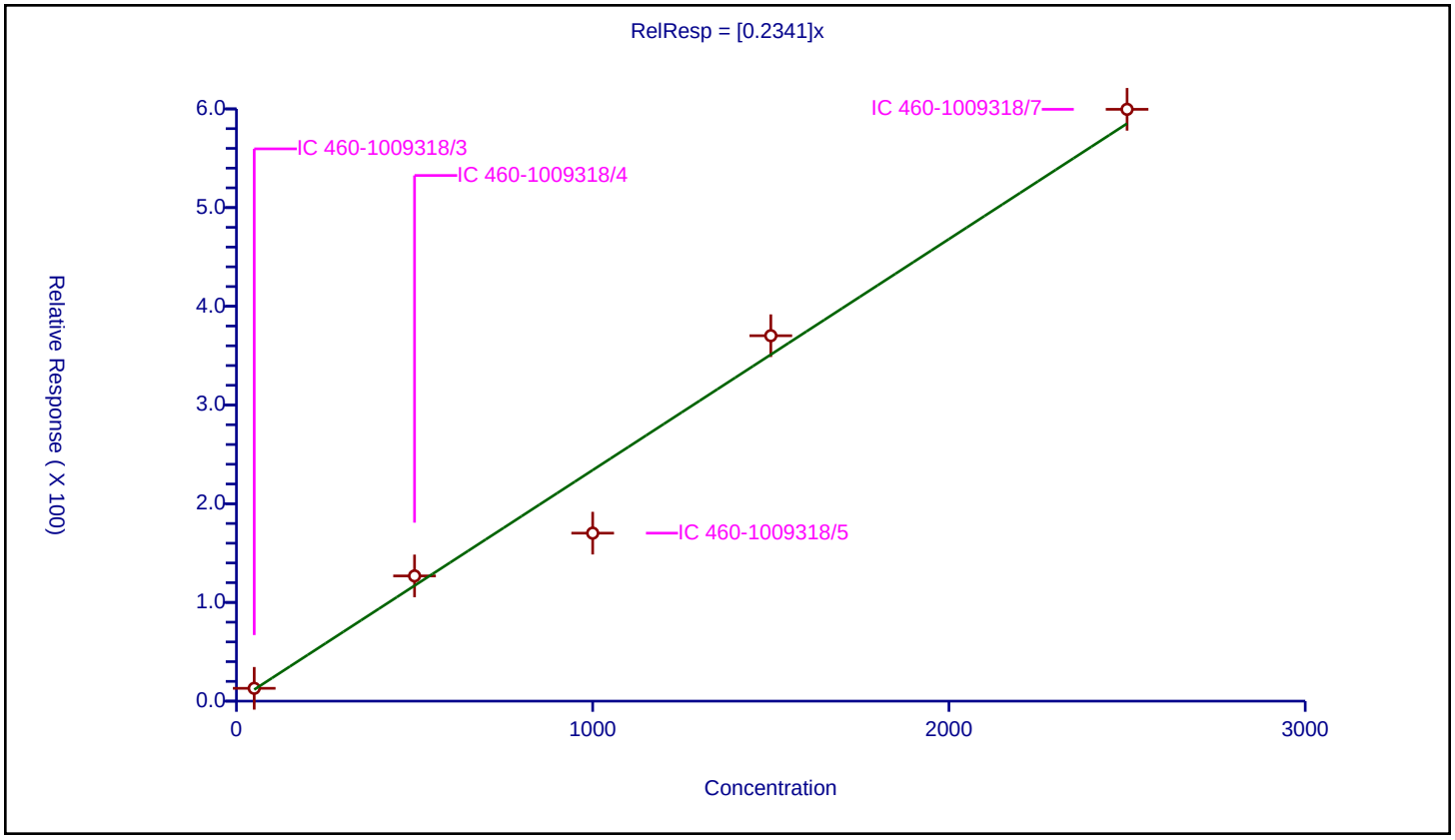
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 12.988161 | 100.0 | 69445799.0 | 0.259763 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 126.848958 | 100.0 | 51789525.0 | 0.253698 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 170.202914 | 100.0 | 56770807.0 | 0.170203 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 370.210384 | 100.0 | 50840961.0 | 0.246807 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 599.555732 | 100.0 | 54168239.0 | 0.239822 | Y |



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## Calibration / Chlordane (technical) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

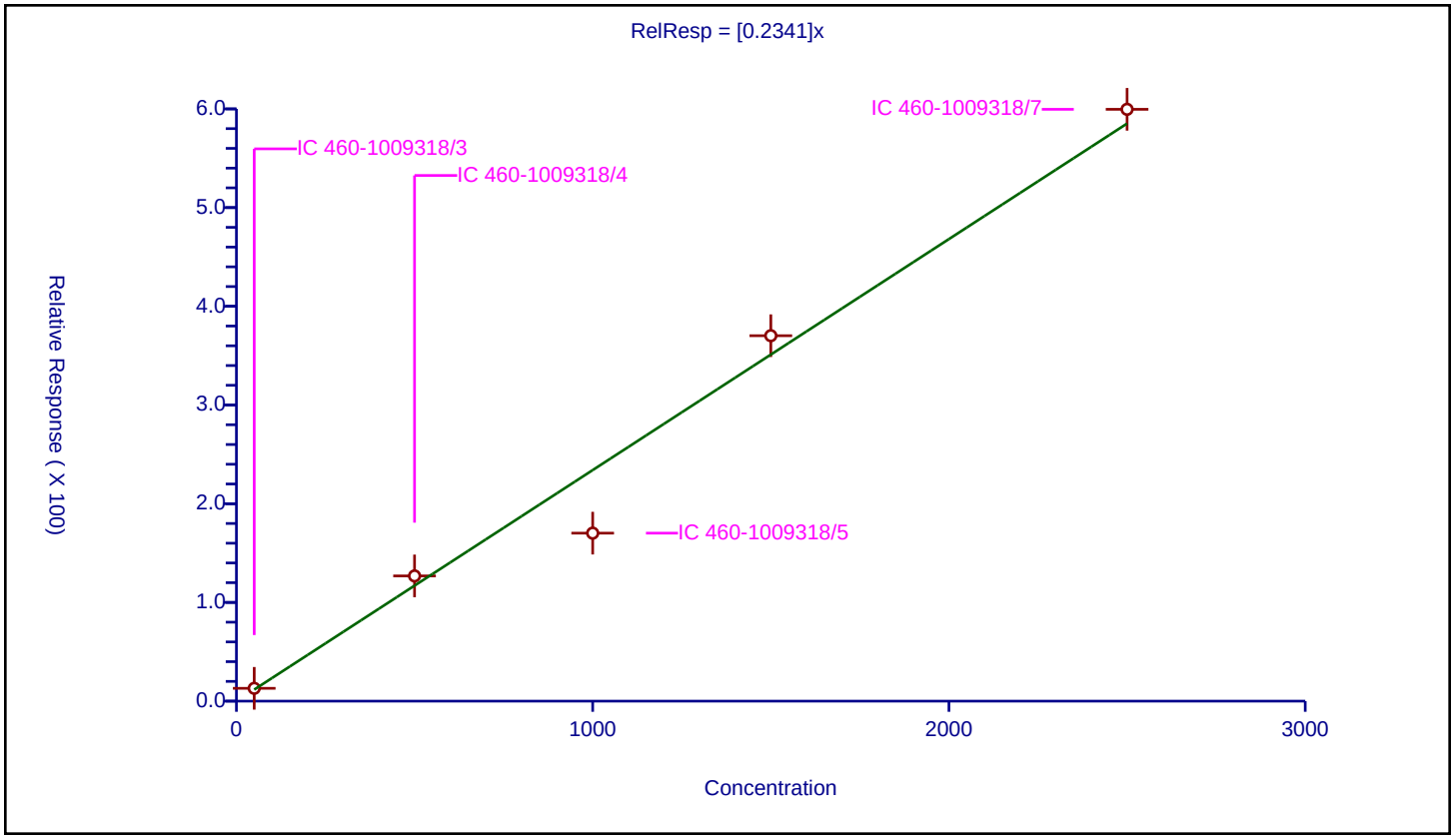
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 12.988161 | 100.0 | 69445799.0 | 0.259763 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 126.848958 | 100.0 | 51789525.0 | 0.253698 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 170.202914 | 100.0 | 56770807.0 | 0.170203 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 370.210384 | 100.0 | 50840961.0 | 0.246807 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 599.555732 | 100.0 | 54168239.0 | 0.239822 | Y |



## Calibration / Chlordane (n.o.s.) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

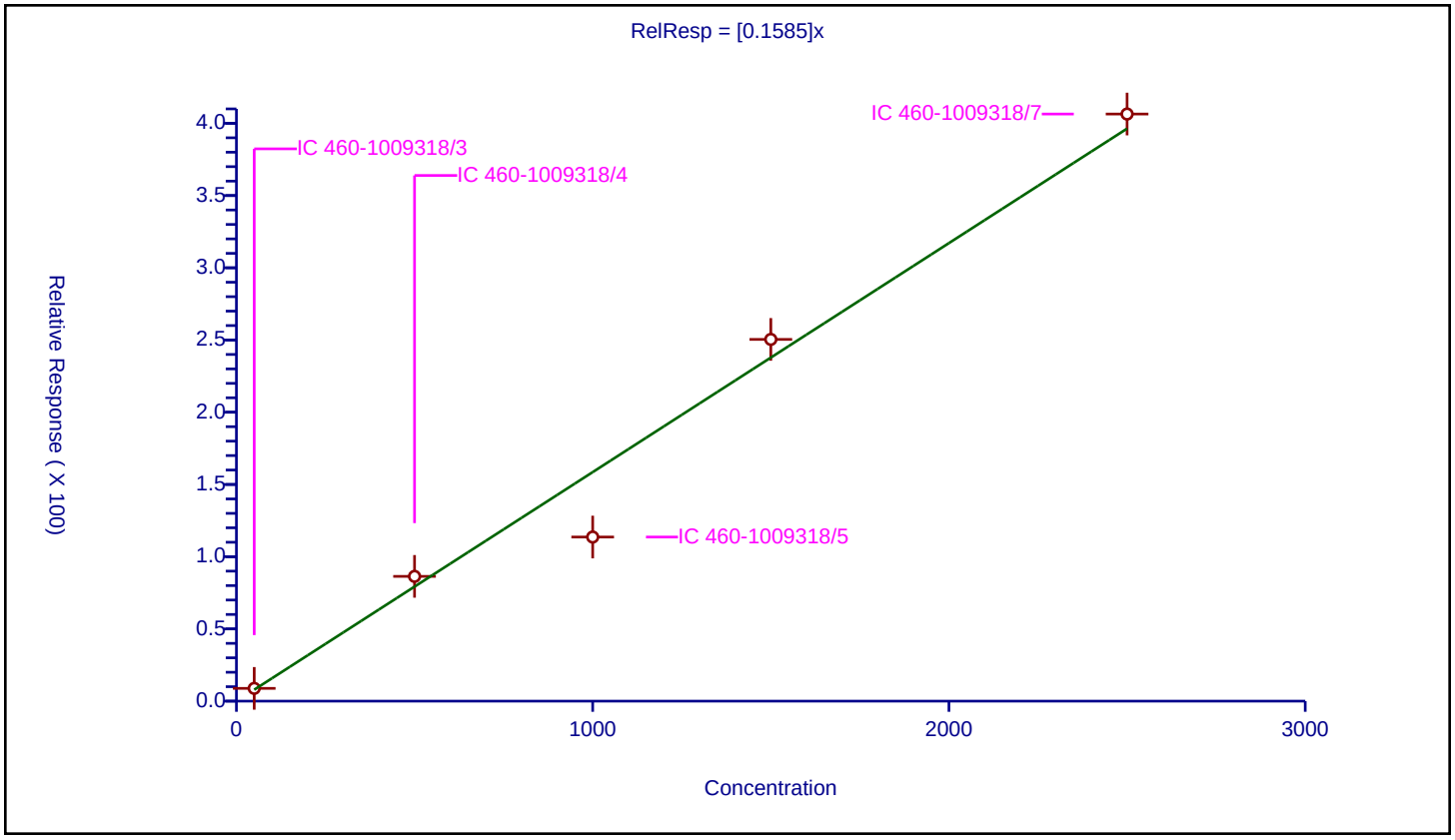
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1585 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 8.843256 | 100.0 | 69445799.0 | 0.176865 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 86.368377 | 100.0 | 51789525.0 | 0.172737 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 113.608107 | 100.0 | 56770807.0 | 0.113608 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 250.413148 | 100.0 | 50840961.0 | 0.166942 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 406.432799 | 100.0 | 54168239.0 | 0.162573 | Y |



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## Calibration / Chlordane (technical) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

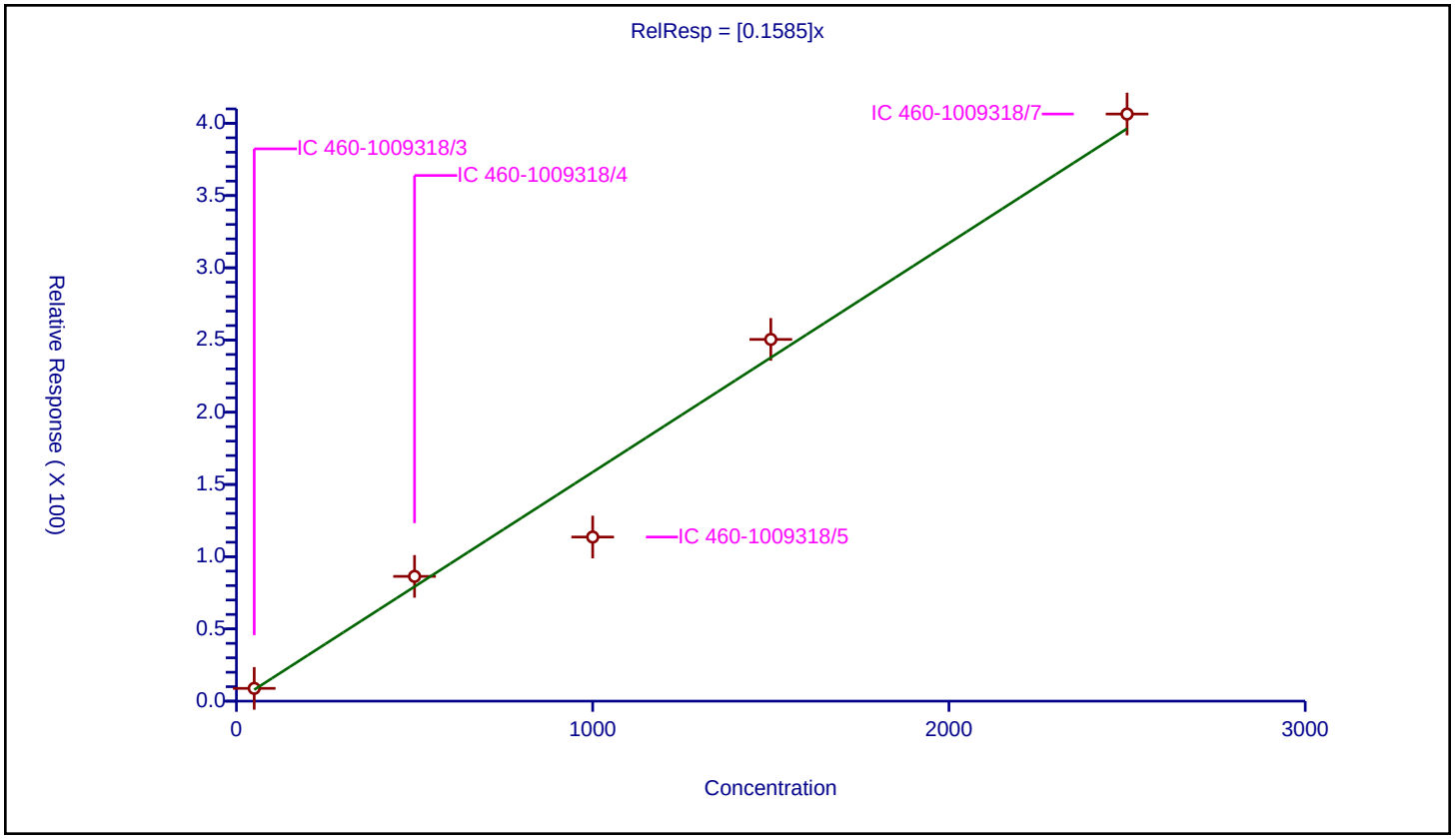
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1585 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 8.843256 | 100.0 | 69445799.0 | 0.176865 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 86.368377 | 100.0 | 51789525.0 | 0.172737 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 113.608107 | 100.0 | 56770807.0 | 0.113608 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 250.413148 | 100.0 | 50840961.0 | 0.166942 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 406.432799 | 100.0 | 54168239.0 | 0.162573 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1009318

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 03:41 Calibration End Date: 11/27/2024 04:45 Calibration ID: 99436

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009318/3 | 4F0011516.D |
| Level 2 | IC 460-1009318/4 | 4F0011517.D |
| Level 3 | IC 460-1009318/5 | 4F0011518.D |
| Level 4 | IC 460-1009318/6 | 4F0011519.D |
| Level 5 | IC 460-1009318/7 | 4F0011520.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlordane (n.o.s.) | | | | | | None | | | | | | | | | | | |
| Chlordane (n.o.s.) Peak 1 | 0.0654 | 0.0605 | 0.0404 | 0.0598 | 0.0583 | Ave | | 0.0569 | | | | 16.8 | | 20.0 | | | |
| Chlordane (technical) Peak 1 | 0.0654 | 0.0605 | 0.0404 | 0.0598 | 0.0583 | Ave | | 0.0569 | | | | 16.8 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 2 | 0.0696 | 0.0733 | 0.0487 | 0.0715 | 0.0689 | Ave | | 0.0664 | | | | 15.1 | | 20.0 | | | |
| Chlordane (technical) Peak 2 | 0.0696 | 0.0733 | 0.0487 | 0.0715 | 0.0689 | Ave | | 0.0664 | | | | 15.1 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 3 | 0.0425 | 0.0494 | 0.0332 | 0.0508 | 0.0497 | Ave | | 0.0451 | | | | 16.4 | | 20.0 | | | |
| Chlordane (technical) Peak 3 | 0.0425 | 0.0494 | 0.0332 | 0.0508 | 0.0497 | Ave | | 0.0451 | | | | 16.4 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 4 | 0.2764 | 0.2659 | 0.1780 | 0.2645 | 0.2551 | Ave | | 0.2480 | | | | 16.1 | | 20.0 | | | |
| Chlordane (technical) Peak 4 | 0.2764 | 0.2659 | 0.1780 | 0.2645 | 0.2551 | Ave | | 0.2480 | | | | 16.1 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 5 | 0.4718 | 0.4552 | 0.3032 | 0.4482 | 0.4325 | Ave | | 0.4222 | | | | 16.1 | | 20.0 | | | |
| Chlordane (technical) Peak 5 | 0.4718 | 0.4552 | 0.3032 | 0.4482 | 0.4325 | Ave | | 0.4222 | | | | 16.1 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009318

SDG No.:

Instrument ID: CPESTGC4 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 03:41 | Calibration End Date: 11/27/2024 04:45 | Calibration ID: 99436

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009318/3 | 4F0011516.D |
| Level 2 | IC 460-1009318/4 | 4F0011517.D |
| Level 3 | IC 460-1009318/5 | 4F0011518.D |
| Level 4 | IC 460-1009318/6 | 4F0011519.D |
| Level 5 | IC 460-1009318/7 | 4F0011520.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlordane (n.o.s.) | BNB | None | | | | | | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 1 | BNB | Ave | 5289708 | 35605339 | 52490801 | 103293959 | 179890112 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 1 | BNB | Ave | 5289708 | 35605339 | 52490801 | 103293959 | 179890112 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 2 | BNB | Ave | 5633104 | 43174297 | 63268630 | 123503899 | 212682220 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 2 | BNB | Ave | 5633104 | 43174297 | 63268630 | 123503899 | 212682220 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 3 | BNB | Ave | 3439329 | 29095754 | 43163842 | 87770907 | 153467752 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 3 | BNB | Ave | 3439329 | 29095754 | 43163842 | 87770907 | 153467752 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 4 | BNB | Ave | 22373948 | 156524805 | 231205325 | 456738038 | 787299193 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 4 | BNB | Ave | 22373948 | 156524805 | 231205325 | 456738038 | 787299193 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 5 | BNB | Ave | 38186577 | 268001335 | 393774421 | 773911759 | 1335127074 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 5 | BNB | Ave | 38186577 | 268001335 | 393774421 | 773911759 | 1335127074 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:

Ave = Average ISTD
None = No Calib Curve

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011516.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 03:41:57 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:22 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 03-Dec-2024 05:07:22

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.459 | 1.457 | 0.002 | 69445799 | 100.0 | 100.0 | |
| 2 | 1.425 | 1.422 | 0.003 | 161884205 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.939 | 2.936 | 0.003 | 2179196 | 50.0 | 54.0 | M |
| 1 | 3.619 | 3.616 | 0.003 | 2562821 | 50.0 | 59.7 | |
| 1 | 4.346 | 4.344 | 0.002 | 8135574 | 50.0 | 55.9 | |
| 1 | 4.460 | 4.457 | 0.003 | 9019732 | 50.0 | 55.5 | |
| 1 | 4.535 | 4.532 | 0.003 | 6141270 | 50.0 | 55.8 | |
| | | Average of Peak Amounts = | | | | 56.2 | |
| 2 | 2.527 | 2.524 | 0.003 | 5289708 | 50.0 | 57.5 | |
| 2 | 2.924 | 2.922 | 0.002 | 5633104 | 50.0 | 52.4 | |
| 2 | 3.296 | 3.293 | 0.003 | 3439329 | 50.0 | 47.1 | |
| 2 | 3.494 | 3.491 | 0.003 | 22373948 | 50.0 | 55.7 | |
| 2 | 3.629 | 3.626 | 0.003 | 38186577 | 50.0 | 55.9 | |
| | | Average of Peak Amounts = | | | | 53.7 | |
| | | | | | | RPD = 4.47 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.939 | 2.936 | 0.003 | 2179196 | 50.0 | 54.0 | M |
| 1 | 3.619 | 3.616 | 0.003 | 2562821 | 50.0 | 59.7 | |
| 1 | 4.346 | 4.344 | 0.002 | 8135574 | 50.0 | 55.9 | |
| 1 | 4.460 | 4.457 | 0.003 | 9019732 | 50.0 | 55.5 | |
| 1 | 4.535 | 4.532 | 0.003 | 6141270 | 50.0 | 55.8 | |
| | | Average of Peak Amounts = | | | | 56.2 | |
| 2 | 2.527 | 2.524 | 0.003 | 5289708 | 50.0 | 57.5 | |
| 2 | 2.924 | 2.922 | 0.002 | 5633104 | 50.0 | 52.4 | |
| 2 | 3.296 | 3.293 | 0.003 | 3439329 | 50.0 | 47.1 | |
| 2 | 3.494 | 3.491 | 0.003 | 22373948 | 50.0 | 55.7 | |
| 2 | 3.629 | 3.626 | 0.003 | 38186577 | 50.0 | 55.9 | |
| | | Average of Peak Amounts = | | | | 53.7 | |
| | | | | | | RPD = 4.47 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

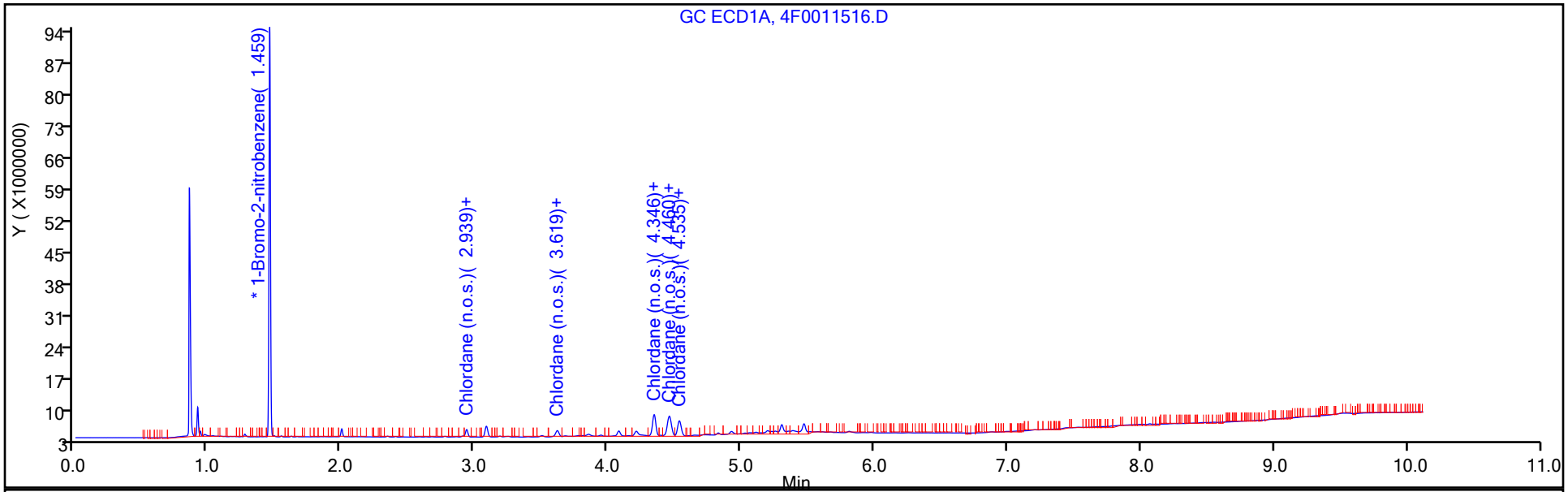
| | | | |
|---|---|---|---|
| SGCHLORDANEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

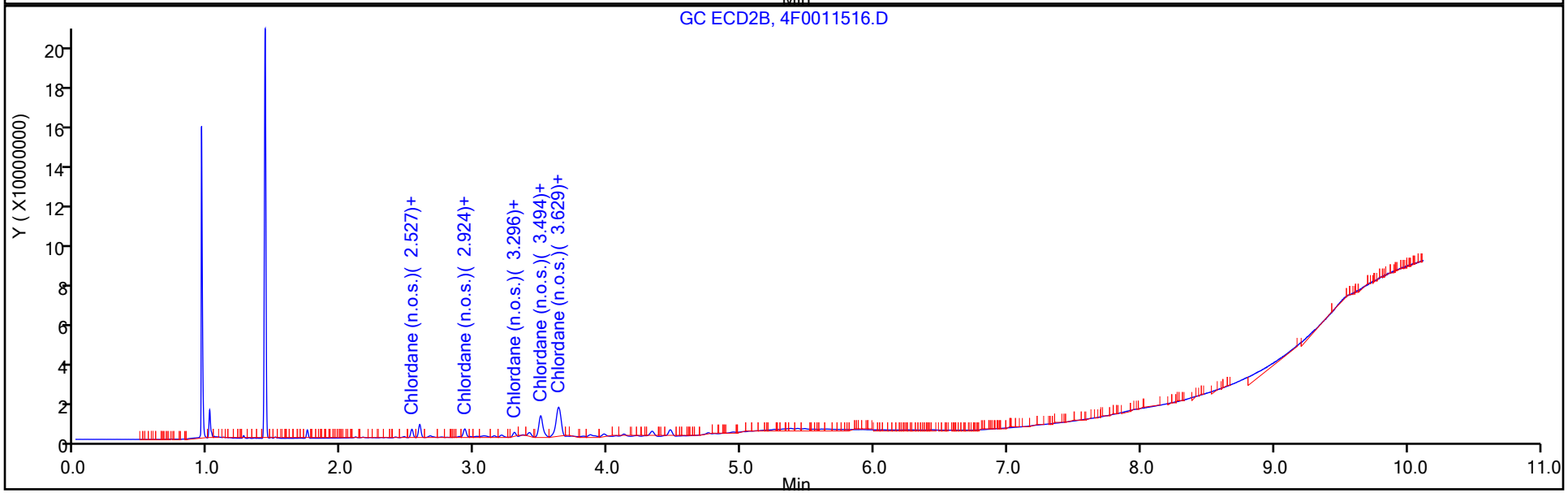
Report Date: 03-Dec-2024 05:07:23 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011516.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 03:41:57 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011517.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 03:57:45 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:25 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:24:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 51789525 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.422 | 0.001 | 117751846 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.937 | 2.936 | 0.001 | 16702821 | 500.0 | 554.6 | M |
| 1 | 3.616 | 3.616 | 0.000 | 17101347 | 500.0 | 533.9 | M |
| 1 | 4.343 | 4.344 | -0.001 | 58502842 | 500.0 | 538.9 | M |
| 1 | 4.456 | 4.457 | -0.001 | 65694473 | 500.0 | 542.0 | M |
| 1 | 4.532 | 4.532 | 0.000 | 44729772 | 500.0 | 544.8 | M |
| | | Average of Peak Amounts = | | | | 542.8 | |
| 2 | 2.525 | 2.524 | 0.001 | 35605339 | 500.0 | 531.7 | M |
| 2 | 2.922 | 2.922 | 0.000 | 43174297 | 500.0 | 552.1 | M |
| 2 | 3.294 | 3.293 | 0.001 | 29095754 | 500.0 | 547.4 | M |
| 2 | 3.491 | 3.491 | 0.000 | 156524805 | 500.0 | 536.0 | M |
| 2 | 3.625 | 3.626 | -0.001 | 268001335 | 500.0 | 539.1 | M |
| | | Average of Peak Amounts = | | | | 541.3 | |
| | | | | | | RPD = 0.29 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.937 | 2.936 | 0.001 | 16702821 | 500.0 | 554.6 | M |
| 1 | 3.616 | 3.616 | 0.000 | 17101347 | 500.0 | 533.9 | M |
| 1 | 4.343 | 4.344 | -0.001 | 58502842 | 500.0 | 538.9 | M |
| 1 | 4.456 | 4.457 | -0.001 | 65694473 | 500.0 | 542.0 | M |
| 1 | 4.532 | 4.532 | 0.000 | 44729772 | 500.0 | 544.8 | M |
| | | Average of Peak Amounts = | | | | 542.8 | |
| 2 | 2.525 | 2.524 | 0.001 | 35605339 | 500.0 | 531.7 | M |
| 2 | 2.922 | 2.922 | 0.000 | 43174297 | 500.0 | 552.1 | M |
| 2 | 3.294 | 3.293 | 0.001 | 29095754 | 500.0 | 547.4 | M |
| 2 | 3.491 | 3.491 | 0.000 | 156524805 | 500.0 | 536.0 | M |
| 2 | 3.625 | 3.626 | -0.001 | 268001335 | 500.0 | 539.1 | M |
| | | Average of Peak Amounts = | | | | 541.3 | |
| | | | | | | RPD = 0.29 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

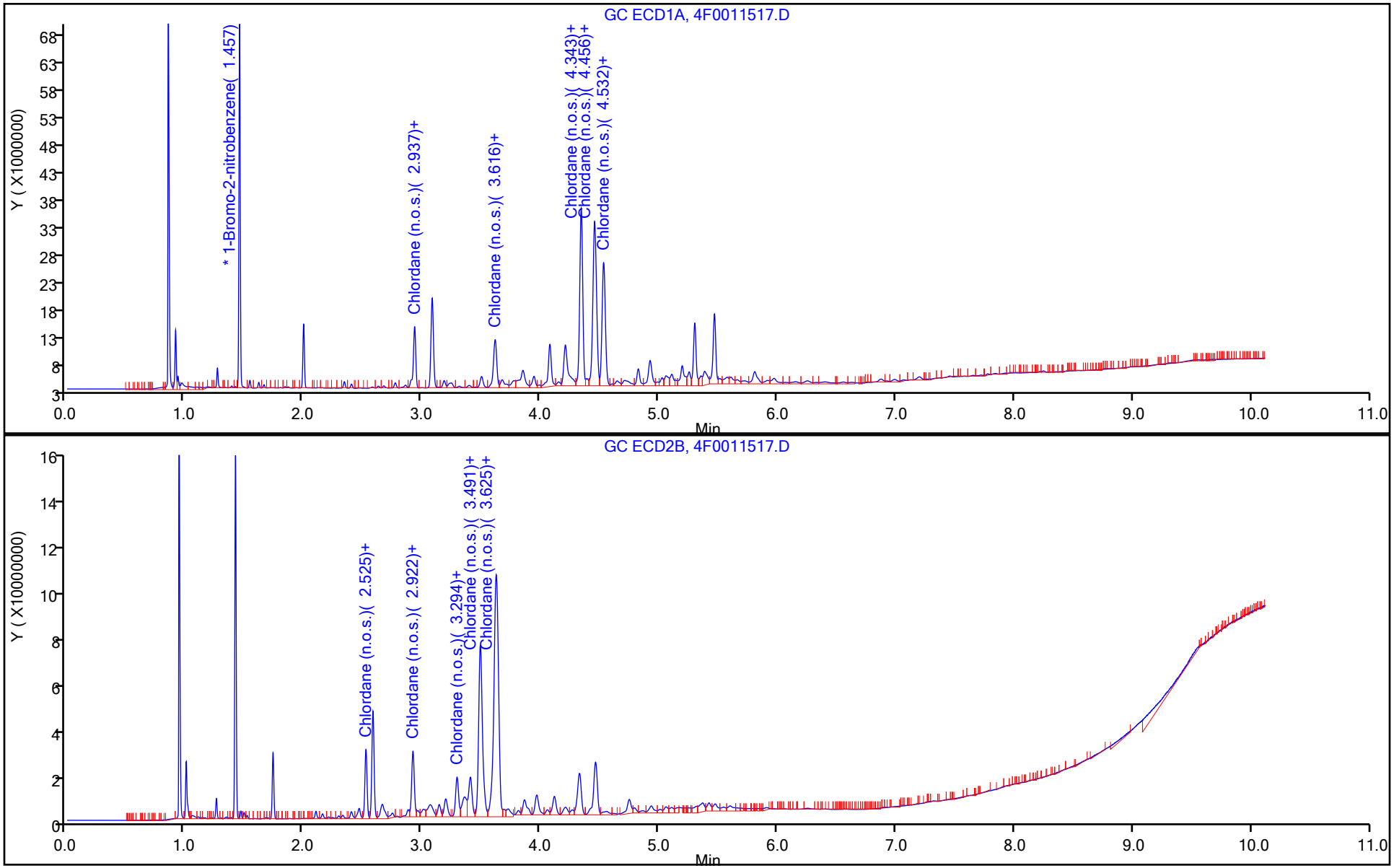
| | | | |
|---|---|---|---|
| SGCHLORDANEL3_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:26 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011517.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 03:57:45 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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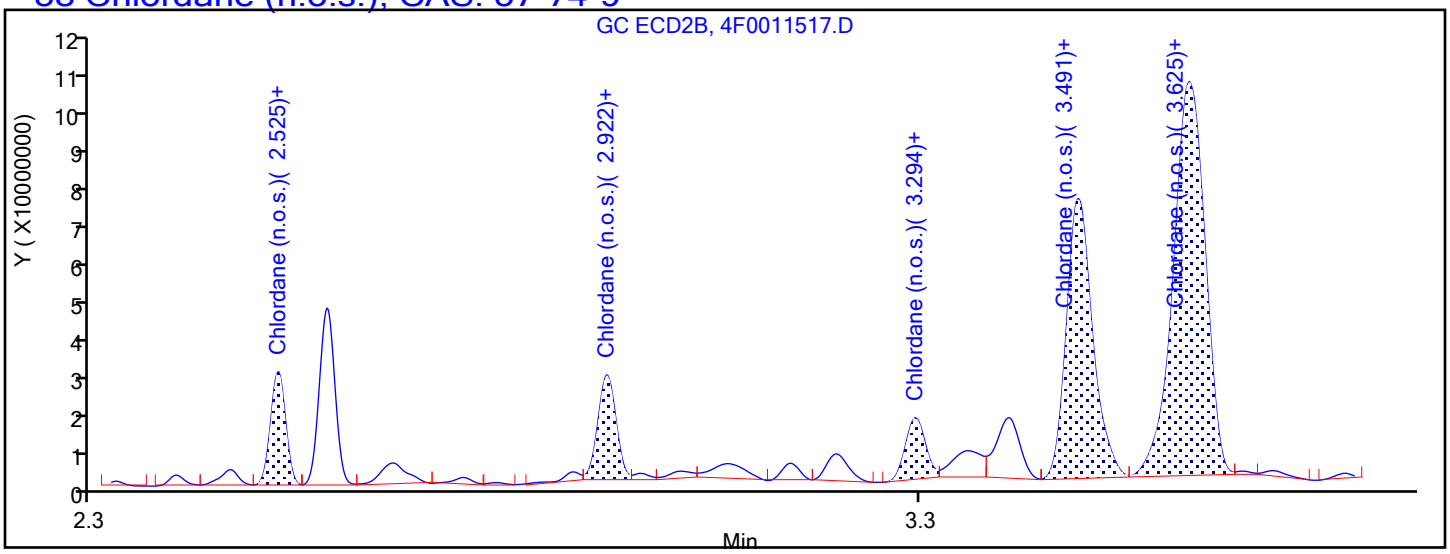
Report Date: 03-Dec-2024 05:07:26 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

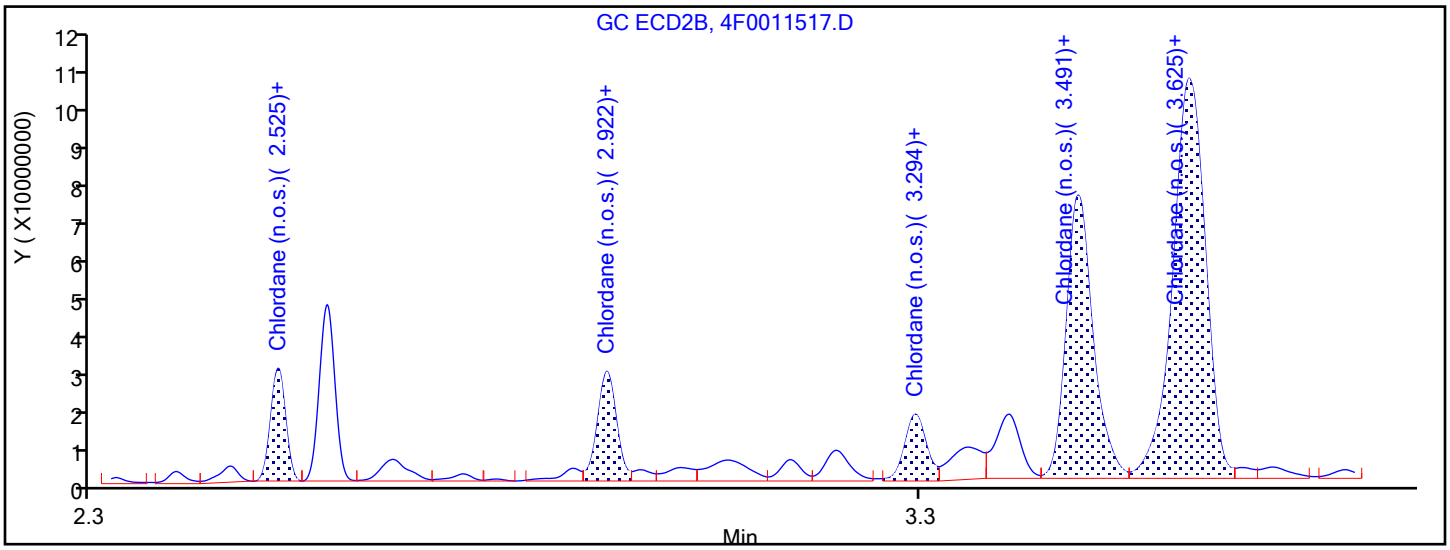
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011517.D
Injection Date: 27-Nov-2024 03:57:45 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.525 | Response = 34756276 |
| 2.922 | Response = 38262624 |
| 3.294 | Response = 25273500 |
| 3.491 | Response = 148333749 |
| 3.625 | Response = 255191865 |




Manual Integration Results

| | | |
|---|---|---|
| 2.525 | Response = 35605339 | M |
| 2.922 | Response = 43174297 | M |
| 3.294 | Response = 29095754 | M |
| 3.491 | Response = 156524805 | M |
| 3.625 | Response = 268001335 | M |

Reviewer: ESS0, 27-Nov-2024 04:23:36 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Nov-2024 04:13:35 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:28 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:36:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 56770807 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 129862171 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.935 | 2.935 | 0.000 | 24611010 | 1000.0 | 745.5 | M |
| 1 | 3.615 | 3.615 | 0.000 | 25612049 | 1000.0 | 729.5 | M |
| 1 | 4.343 | 4.343 | 0.000 | 86500171 | 1000.0 | 726.9 | M |
| 1 | 4.455 | 4.455 | 0.000 | 96625568 | 1000.0 | 727.2 | M |
| 1 | 4.532 | 4.532 | 0.000 | 64496239 | 1000.0 | 716.6 | M |
| | | Average of Peak Amounts = | | | | 729.1 | |
| 2 | 2.525 | 2.525 | 0.000 | 52490801 | 1000.0 | 710.7 | M |
| 2 | 2.920 | 2.920 | 0.000 | 63268630 | 1000.0 | 733.6 | M |
| 2 | 3.293 | 3.293 | 0.000 | 43163842 | 1000.0 | 736.3 | M |
| 2 | 3.490 | 3.490 | 0.000 | 231205325 | 1000.0 | 718.0 | M |
| 2 | 3.624 | 3.624 | 0.000 | 393774421 | 1000.0 | 718.2 | M |
| | | Average of Peak Amounts = | | | | 723.4 | |
| | | | | | | RPD = 0.80 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.935 | 2.935 | 0.000 | 24611010 | 1000.0 | 745.5 | M |
| 1 | 3.615 | 3.615 | 0.000 | 25612049 | 1000.0 | 729.5 | M |
| 1 | 4.343 | 4.343 | 0.000 | 86500171 | 1000.0 | 726.9 | M |
| 1 | 4.455 | 4.455 | 0.000 | 96625568 | 1000.0 | 727.2 | M |
| 1 | 4.532 | 4.532 | 0.000 | 64496239 | 1000.0 | 716.6 | M |
| | | Average of Peak Amounts = | | | | 729.1 | |
| 2 | 2.525 | 2.525 | 0.000 | 52490801 | 1000.0 | 710.7 | M |
| 2 | 2.920 | 2.920 | 0.000 | 63268630 | 1000.0 | 733.6 | M |
| 2 | 3.293 | 3.293 | 0.000 | 43163842 | 1000.0 | 736.3 | M |
| 2 | 3.490 | 3.490 | 0.000 | 231205325 | 1000.0 | 718.0 | M |
| 2 | 3.624 | 3.624 | 0.000 | 393774421 | 1000.0 | 718.2 | M |
| | | Average of Peak Amounts = | | | | 723.4 | |
| | | | | | | RPD = 0.80 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

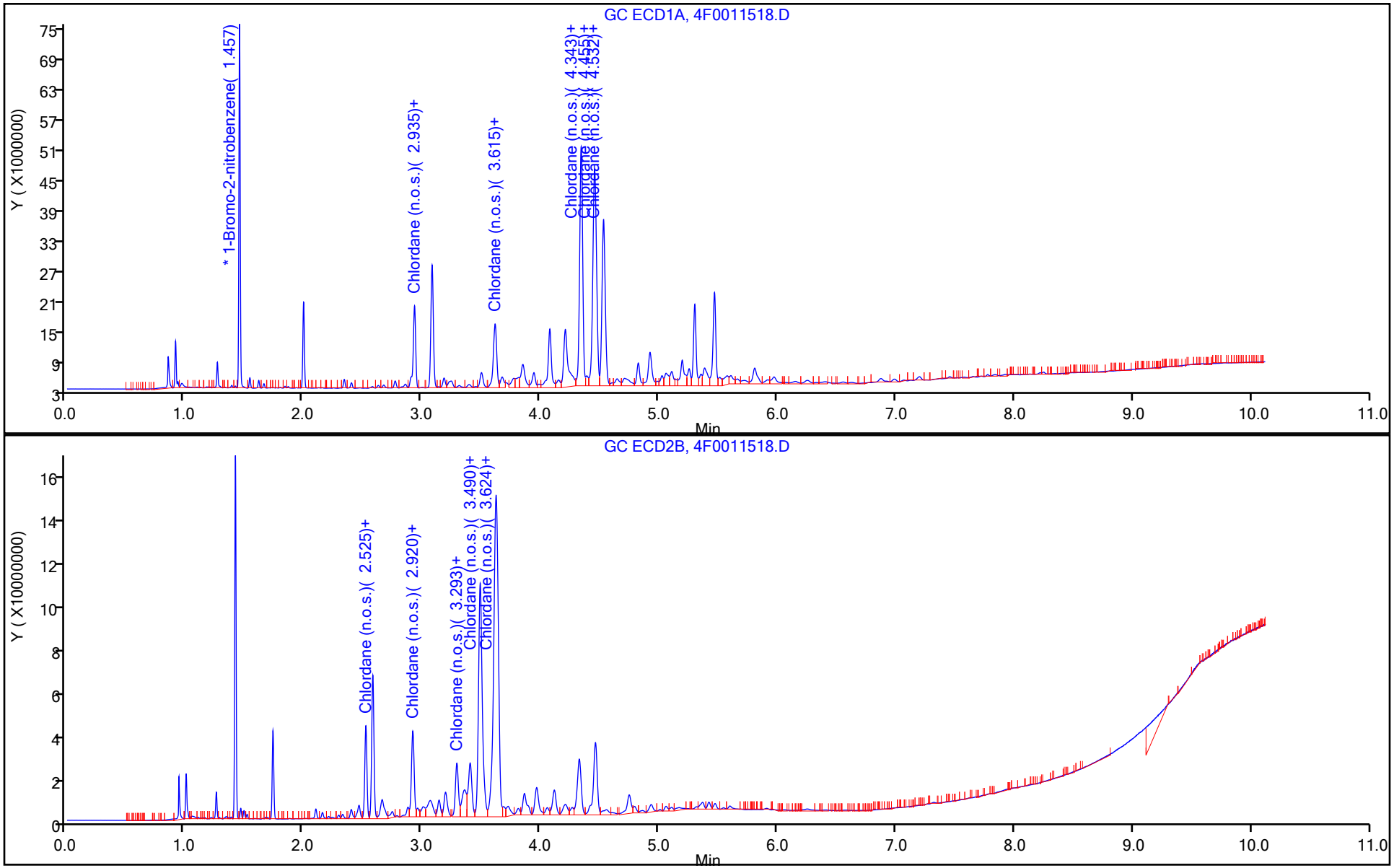
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:29 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:13:35 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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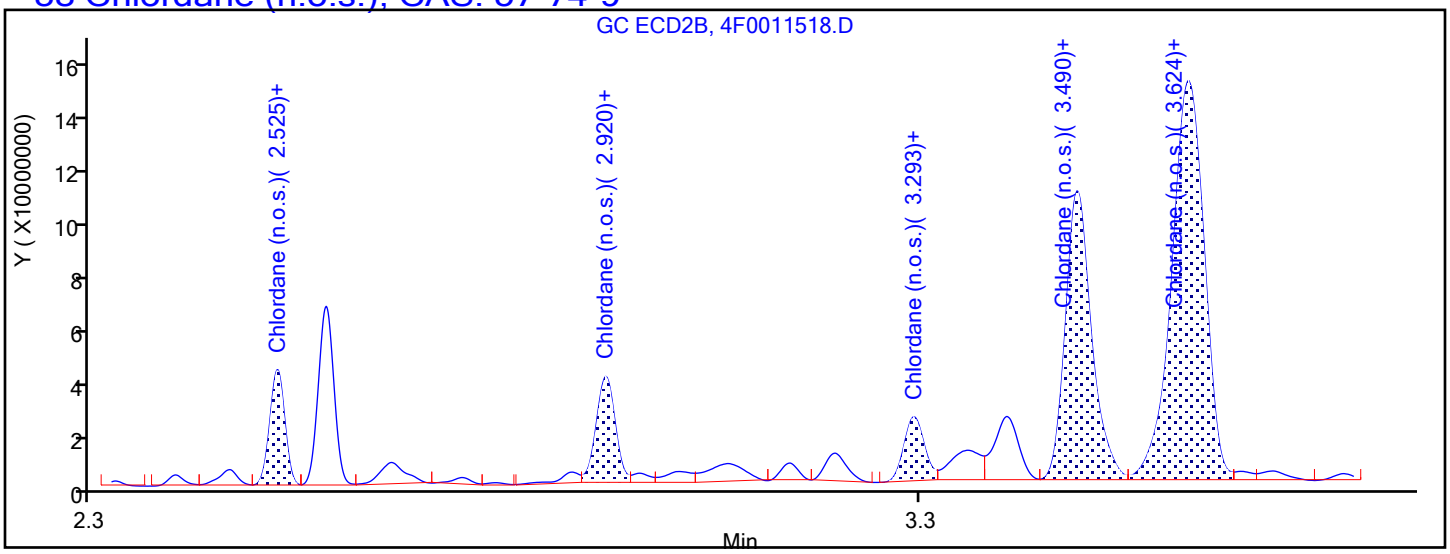
Report Date: 03-Dec-2024 05:07:29 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

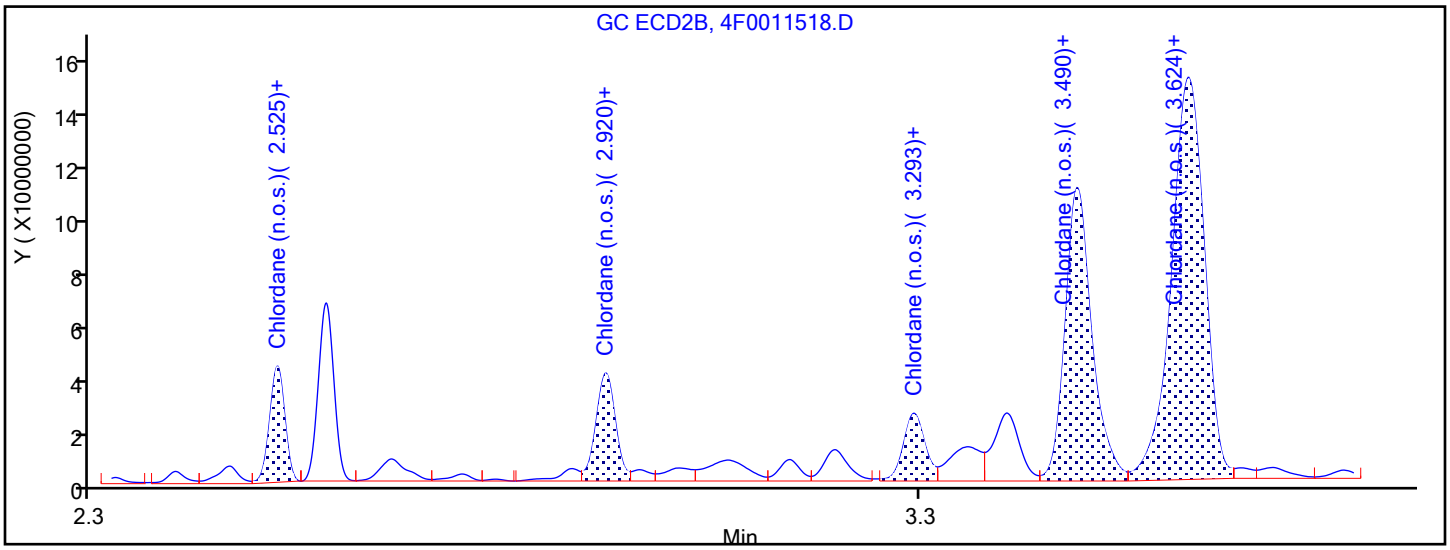
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011518.D
Injection Date: 27-Nov-2024 04:13:35 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.525 | Response = 51182366 |
| 2.920 | Response = 58999600 |
| 3.293 | Response = 39247092 |
| 3.490 | Response = 222673776 |
| 3.624 | Response = 383373990 |




Manual Integration Results

| | | |
|---|---|---|
| 2.525 | Response = 52490801 | M |
| 2.920 | Response = 63268630 | M |
| 3.293 | Response = 43163842 | M |
| 3.490 | Response = 231205325 | M |
| 3.624 | Response = 393774421 | M |

Reviewer: ESS0, 27-Nov-2024 04:36:03 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 04:29:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:31 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 04:48:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 50840961 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 115104301 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 44397113 | 1500.0 | 1501.7 | M |
| 1 | 3.616 | 3.616 | 0.000 | 48220357 | 1500.0 | 1533.6 | M |
| 1 | 4.344 | 4.344 | 0.000 | 168362742 | 1500.0 | 1580.0 | M |
| 1 | 4.457 | 4.457 | 0.000 | 188218517 | 1500.0 | 1581.7 | M |
| 1 | 4.532 | 4.532 | 0.000 | 127312451 | 1500.0 | 1579.4 | M |
| | | Average of Peak Amounts = | | | | 1555.3 | |
| 2 | 2.524 | 2.524 | 0.000 | 103293959 | 1500.0 | 1578.0 | M |
| 2 | 2.922 | 2.922 | 0.000 | 123503899 | 1500.0 | 1615.5 | M |
| 2 | 3.293 | 3.293 | 0.000 | 87770907 | 1500.0 | 1689.2 | M |
| 2 | 3.491 | 3.491 | 0.000 | 456738038 | 1500.0 | 1600.1 | M |
| 2 | 3.626 | 3.626 | 0.000 | 773911759 | 1500.0 | 1592.5 | M |
| | | Average of Peak Amounts = | | | | 1615.1 | |
| | | | | | | RPD = 3.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 44397113 | 1500.0 | 1501.7 | M |
| 1 | 3.616 | 3.616 | 0.000 | 48220357 | 1500.0 | 1533.6 | M |
| 1 | 4.344 | 4.344 | 0.000 | 168362742 | 1500.0 | 1580.0 | M |
| 1 | 4.457 | 4.457 | 0.000 | 188218517 | 1500.0 | 1581.7 | M |
| 1 | 4.532 | 4.532 | 0.000 | 127312451 | 1500.0 | 1579.4 | M |
| | | Average of Peak Amounts = | | | | 1555.3 | |
| 2 | 2.524 | 2.524 | 0.000 | 103293959 | 1500.0 | 1578.0 | M |
| 2 | 2.922 | 2.922 | 0.000 | 123503899 | 1500.0 | 1615.5 | M |
| 2 | 3.293 | 3.293 | 0.000 | 87770907 | 1500.0 | 1689.2 | M |
| 2 | 3.491 | 3.491 | 0.000 | 456738038 | 1500.0 | 1600.1 | M |
| 2 | 3.626 | 3.626 | 0.000 | 773911759 | 1500.0 | 1592.5 | M |
| | | Average of Peak Amounts = | | | | 1615.1 | |
| | | | | | | RPD = 3.77 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

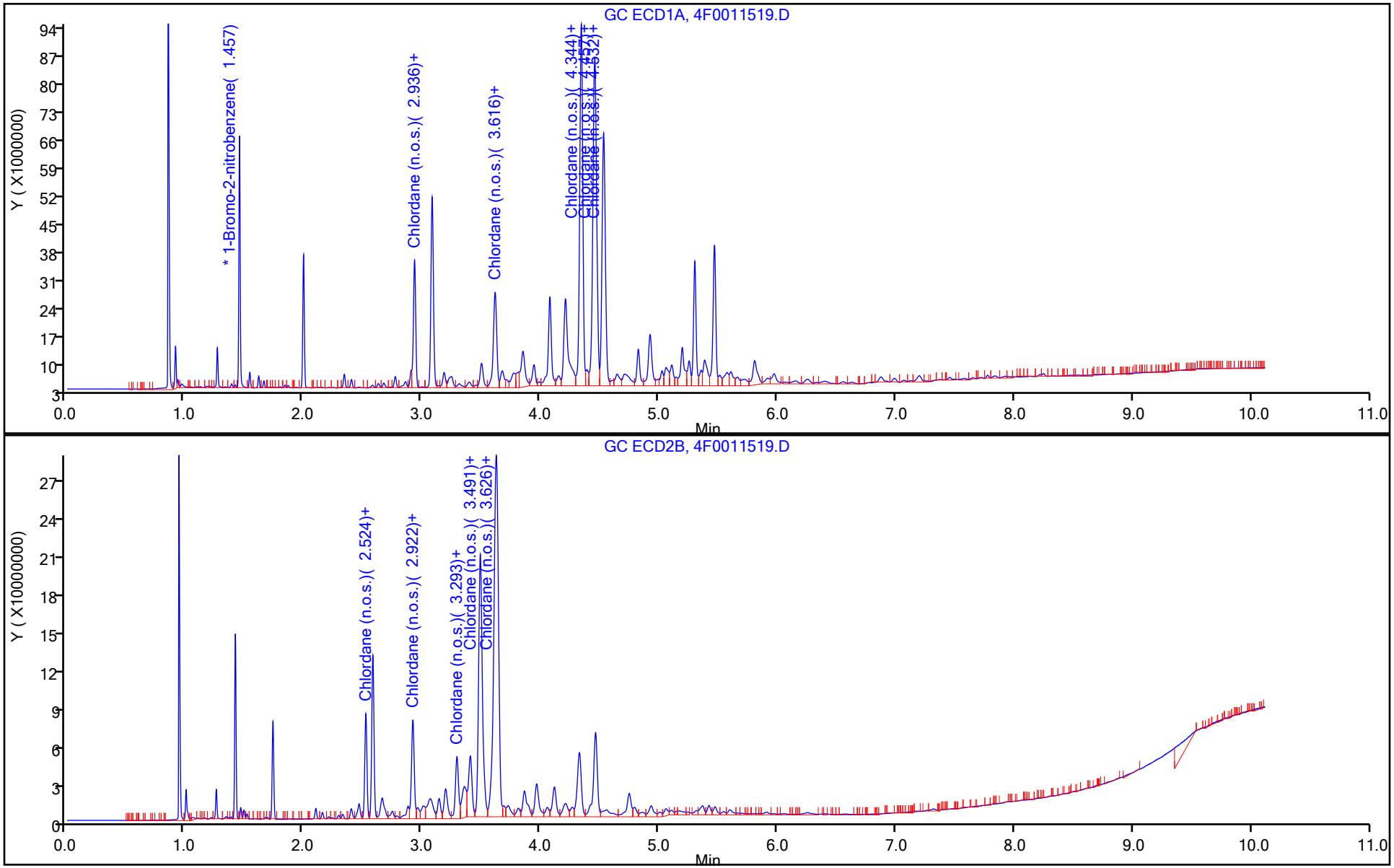
| | | | |
|---|---|---|---|
| SGCHLORDANEL5_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:32 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:29:24 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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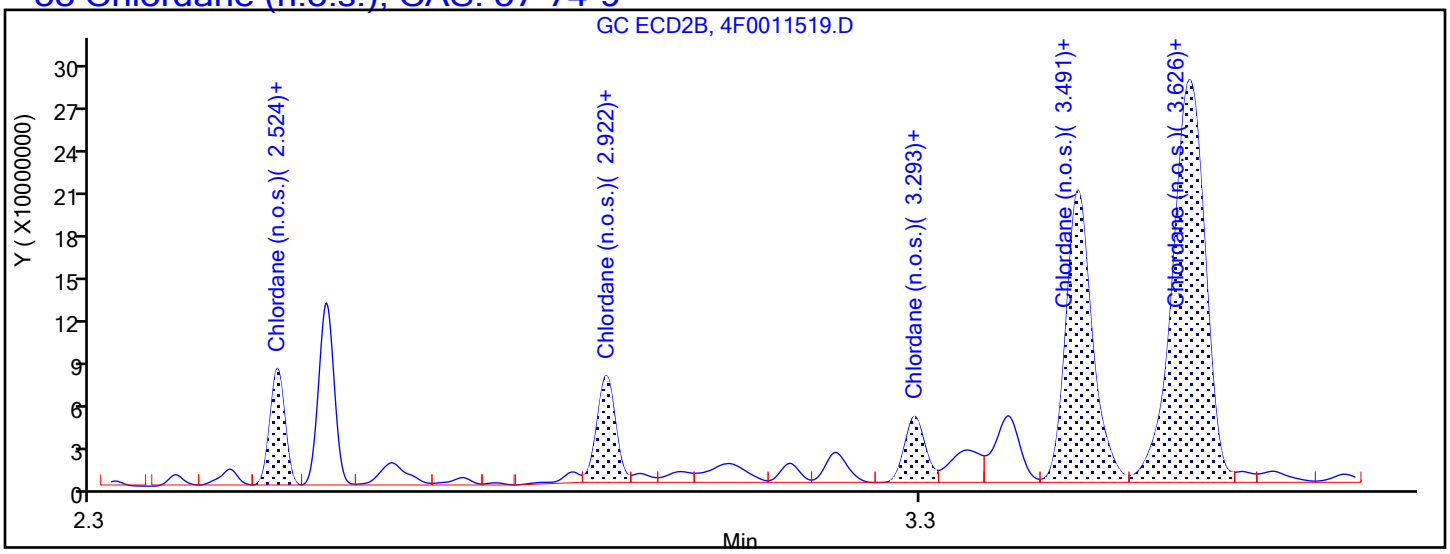
Report Date: 03-Dec-2024 05:07:32 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

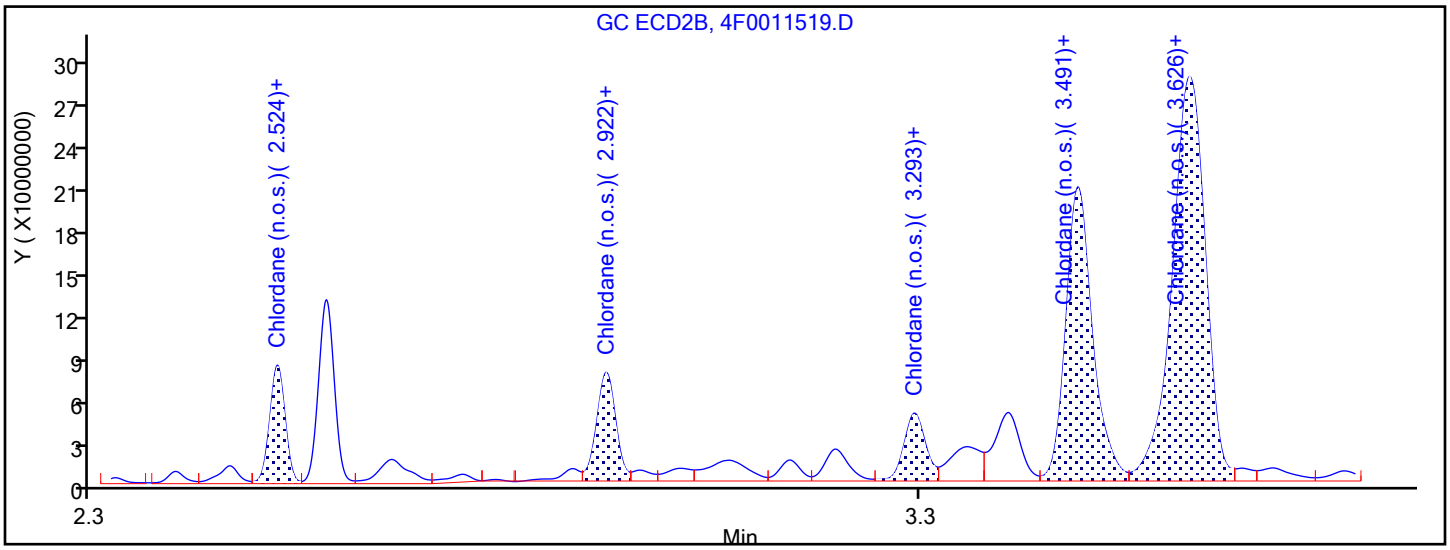
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011519.D
Injection Date: 27-Nov-2024 04:29:24 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.524 | Response = 100763042 |
| 2.922 | Response = 118824254 |
| 3.293 | Response = 80860612 |
| 3.491 | Response = 446417867 |
| 3.626 | Response = 761261925 |




Manual Integration Results

| | | |
|---|---|---|
| 2.524 | Response = 103293959 | M |
| 2.922 | Response = 123503899 | M |
| 3.293 | Response = 87770907 | M |
| 3.491 | Response = 456738038 | M |
| 3.626 | Response = 773911759 | M |

Reviewer: ESS0, 27-Nov-2024 04:48:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 04:45:14 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:34 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

First Level Reviewer: ESS0 Date: 27-Nov-2024 05:03:39

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 54168239 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 123467813 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 83849847 | 2500.0 | 2662.0 | M |
| 1 | 3.615 | 3.616 | -0.001 | 82653054 | 2500.0 | 2467.2 | M |
| 1 | 4.344 | 4.344 | 0.000 | 290652187 | 2500.0 | 2560.0 | M |
| 1 | 4.456 | 4.457 | -0.001 | 324768782 | 2500.0 | 2561.6 | M |
| 1 | 4.532 | 4.532 | 0.000 | 220157490 | 2500.0 | 2563.5 | M |
| | | Average of Peak Amounts = | | | | 2562.9 | |
| 2 | 2.524 | 2.524 | 0.000 | 179890112 | 2500.0 | 2561.9 | M |
| 2 | 2.921 | 2.922 | -0.001 | 212682220 | 2500.0 | 2593.6 | M |
| 2 | 3.294 | 3.293 | 0.001 | 153467752 | 2500.0 | 2753.6 | M |
| 2 | 3.491 | 3.491 | 0.000 | 787299193 | 2500.0 | 2571.4 | M |
| 2 | 3.625 | 3.626 | -0.001 | 1335127074 | 2500.0 | 2561.3 | M |
| | | Average of Peak Amounts = | | | | 2608.4 | |
| | | | | | | RPD = 1.76 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 2.936 | 2.936 | 0.000 | 83849847 | 2500.0 | 2662.0 | M |
| 1 | 3.615 | 3.616 | -0.001 | 82653054 | 2500.0 | 2467.2 | M |
| 1 | 4.344 | 4.344 | 0.000 | 290652187 | 2500.0 | 2560.0 | M |
| 1 | 4.456 | 4.457 | -0.001 | 324768782 | 2500.0 | 2561.6 | M |
| 1 | 4.532 | 4.532 | 0.000 | 220157490 | 2500.0 | 2563.5 | M |
| | | Average of Peak Amounts = | | | | 2562.9 | |
| 2 | 2.524 | 2.524 | 0.000 | 179890112 | 2500.0 | 2561.9 | M |
| 2 | 2.921 | 2.922 | -0.001 | 212682220 | 2500.0 | 2593.6 | M |
| 2 | 3.294 | 3.293 | 0.001 | 153467752 | 2500.0 | 2753.6 | M |
| 2 | 3.491 | 3.491 | 0.000 | 787299193 | 2500.0 | 2571.4 | M |
| 2 | 3.625 | 3.626 | -0.001 | 1335127074 | 2500.0 | 2561.3 | M |
| | | Average of Peak Amounts = | | | | 2608.4 | |
| | | | | | | RPD = 1.76 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

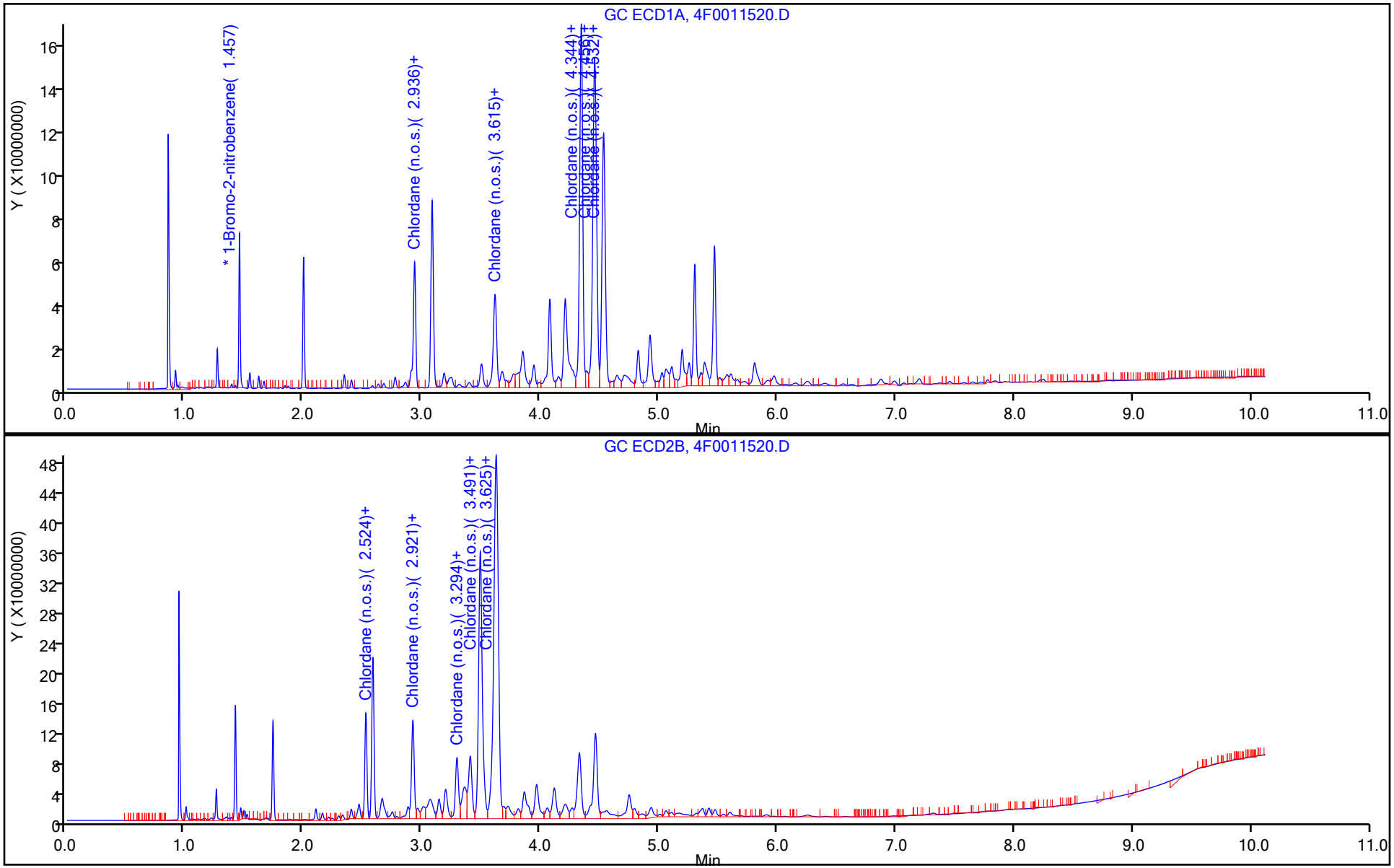
| | | | |
|---|---|---|---|
| SGCHLORDANEL6_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 03-Dec-2024 05:07:34 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:45:14 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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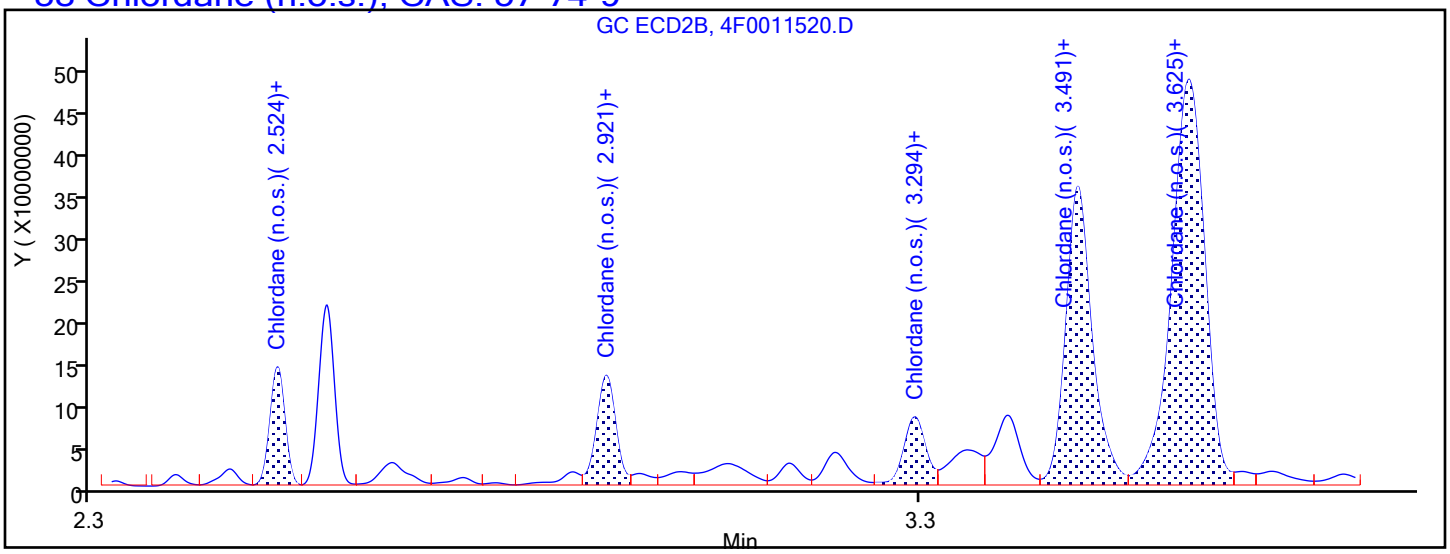
Report Date: 03-Dec-2024 05:07:35 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011520.D

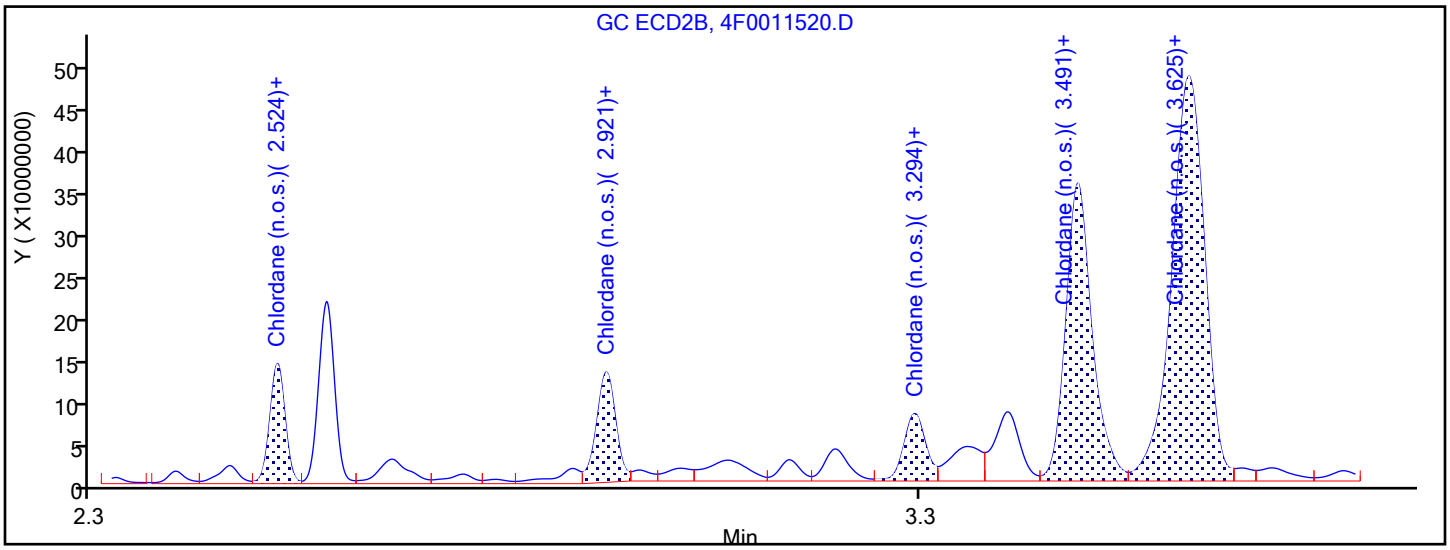
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 04:45:14 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.524 | Response = 176774527 |
| 2.921 | Response = 209568676 |
| 3.294 | Response = 149325682 |
| 3.491 | Response = 781494976 |
| 3.625 | Response = 1328162312 |




Manual Integration Results

| | | |
|---|---|---|
| 2.524 | Response = 179890112 | M |
| 2.921 | Response = 212682220 | M |
| 3.294 | Response = 153467752 | M |
| 3.491 | Response = 787299193 | M |
| 3.625 | Response = 1335127074 | M |

Reviewer: ESS0, 27-Nov-2024 05:03:34 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Chlordane (n.o.s.) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

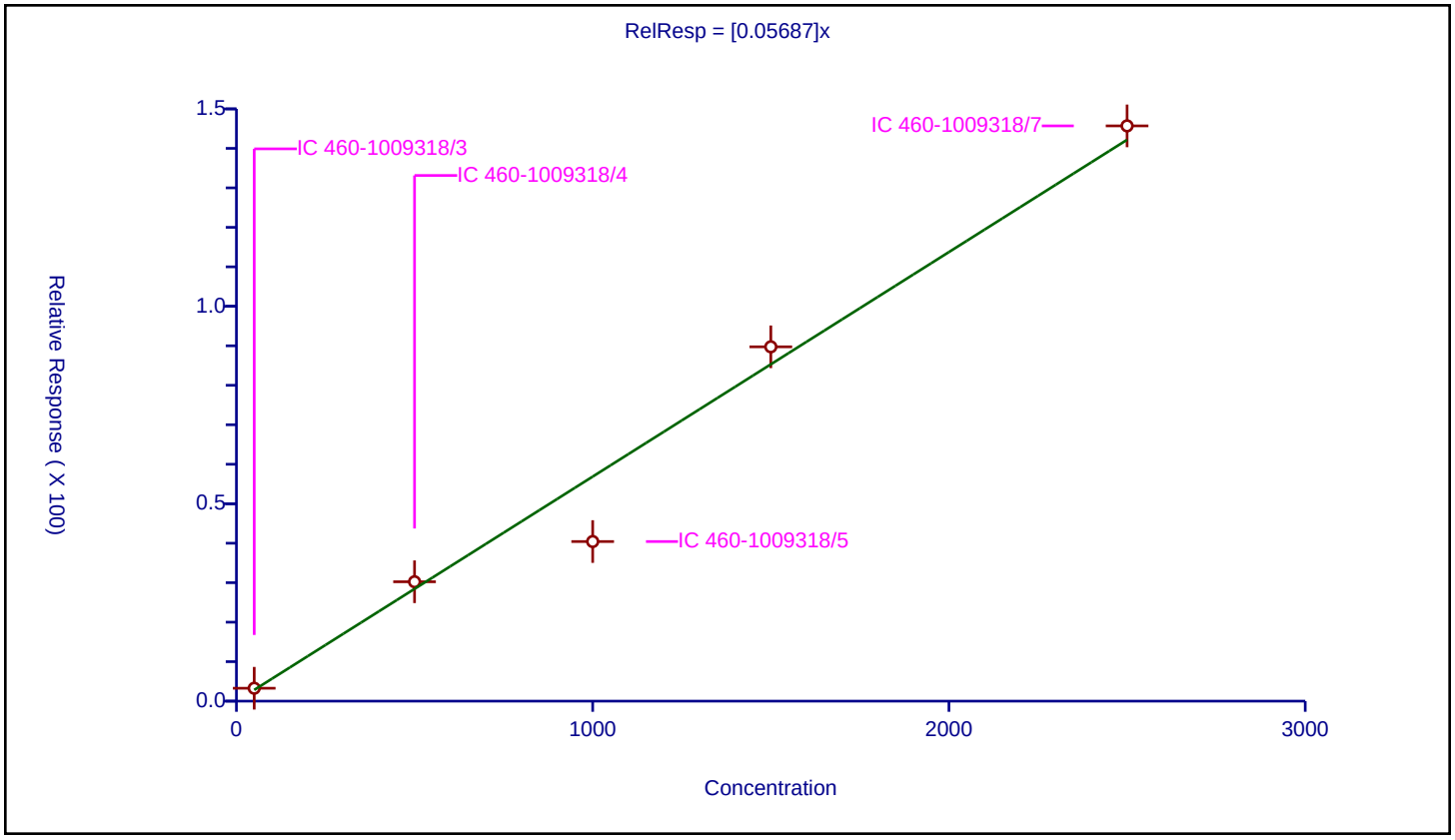
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05687 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.267587 | 100.0 | 161884205.0 | 0.065352 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 30.237606 | 100.0 | 117751846.0 | 0.060475 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 40.420394 | 100.0 | 129862171.0 | 0.04042 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 89.739443 | 100.0 | 115104301.0 | 0.059826 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 145.697982 | 100.0 | 123467813.0 | 0.058279 | Y |



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## Calibration / Chlordane (technical) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

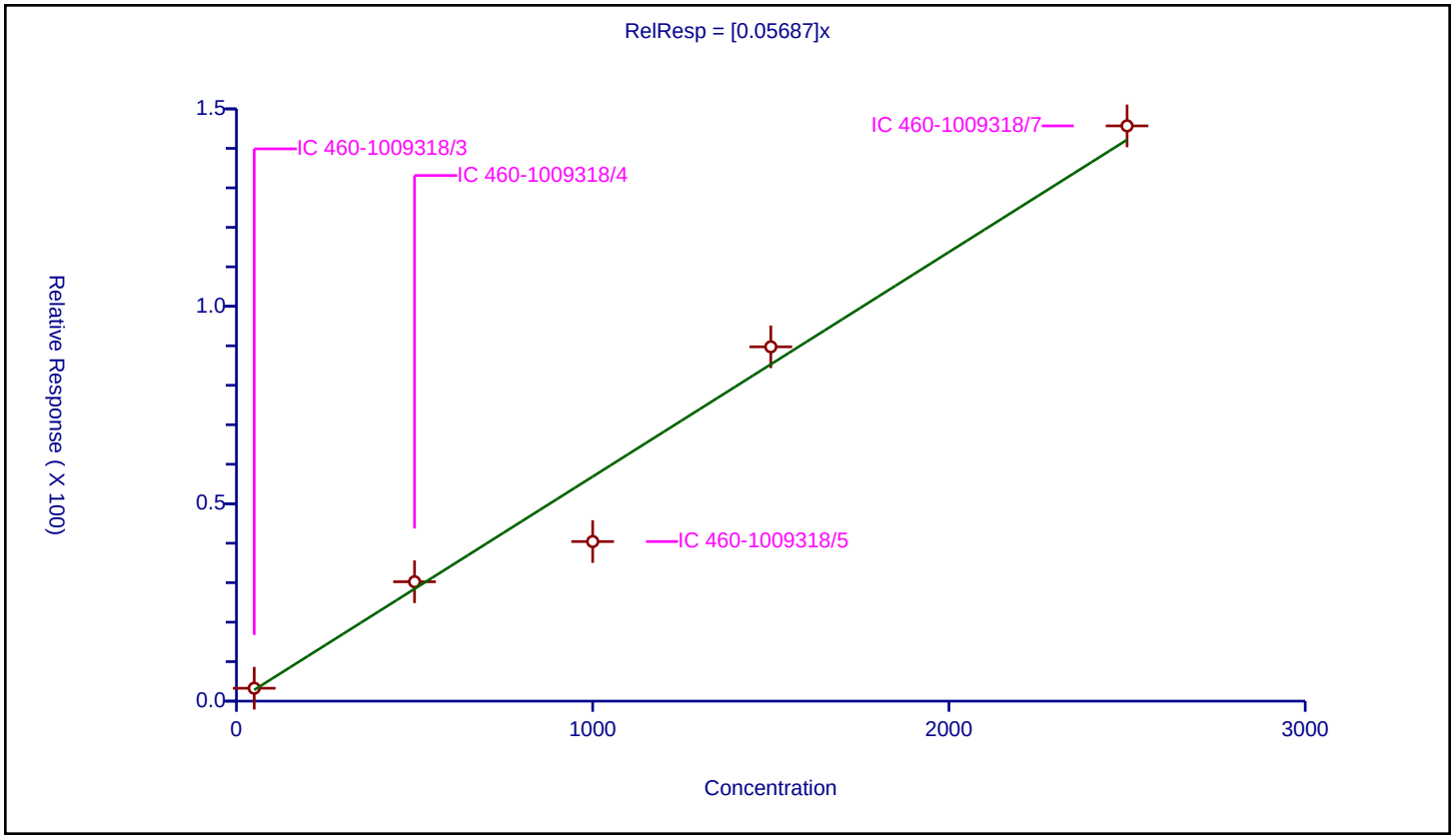
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05687 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.267587 | 100.0 | 161884205.0 | 0.065352 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 30.237606 | 100.0 | 117751846.0 | 0.060475 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 40.420394 | 100.0 | 129862171.0 | 0.04042 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 89.739443 | 100.0 | 115104301.0 | 0.059826 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 145.697982 | 100.0 | 123467813.0 | 0.058279 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

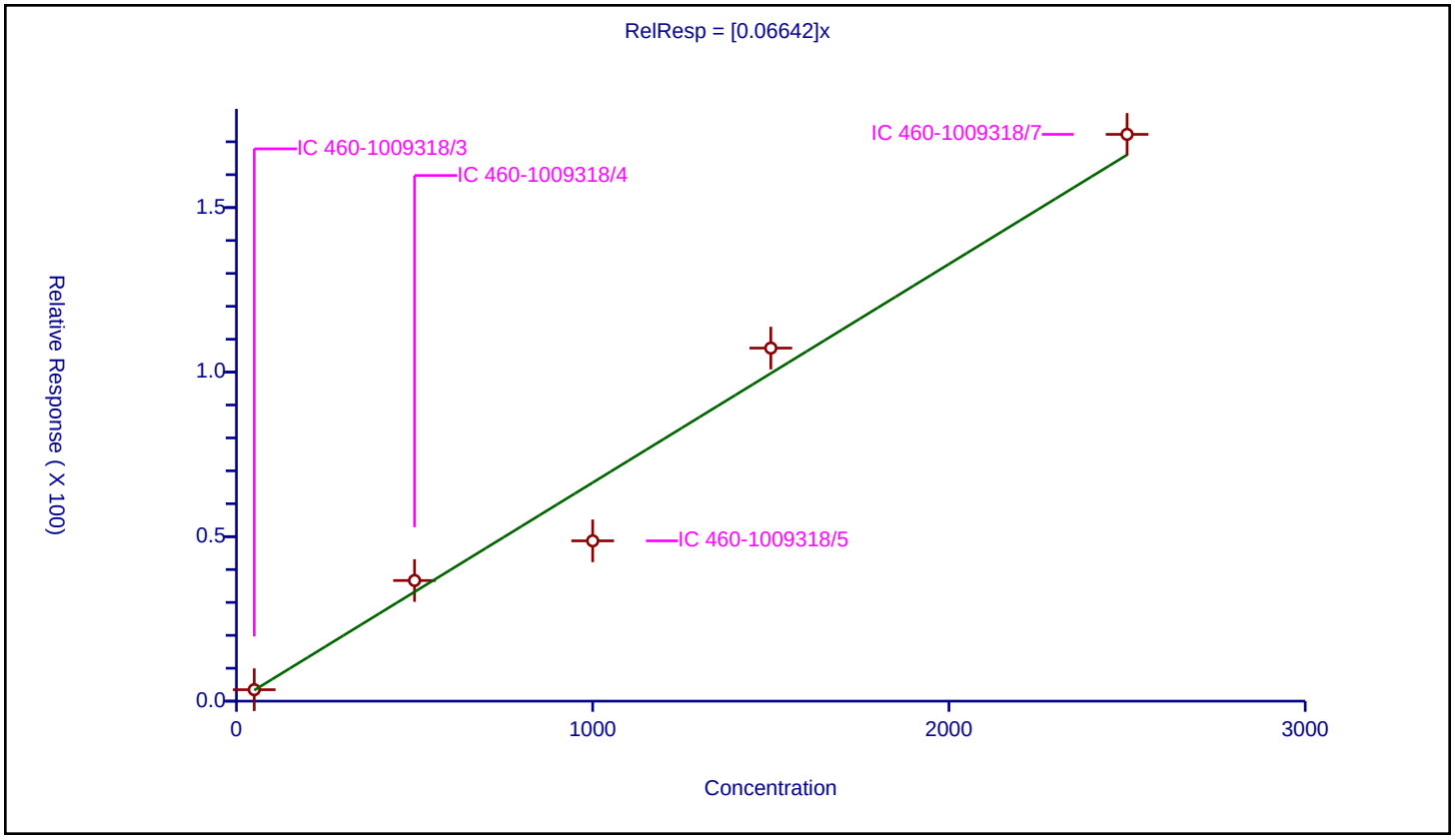
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06642 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.479712 | 100.0 | 161884205.0 | 0.069594 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 36.665495 | 100.0 | 117751846.0 | 0.073331 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 48.719831 | 100.0 | 129862171.0 | 0.04872 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 107.29738 | 100.0 | 115104301.0 | 0.071532 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 172.257218 | 100.0 | 123467813.0 | 0.068903 | Y |



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## Calibration / Chlordane (technical) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

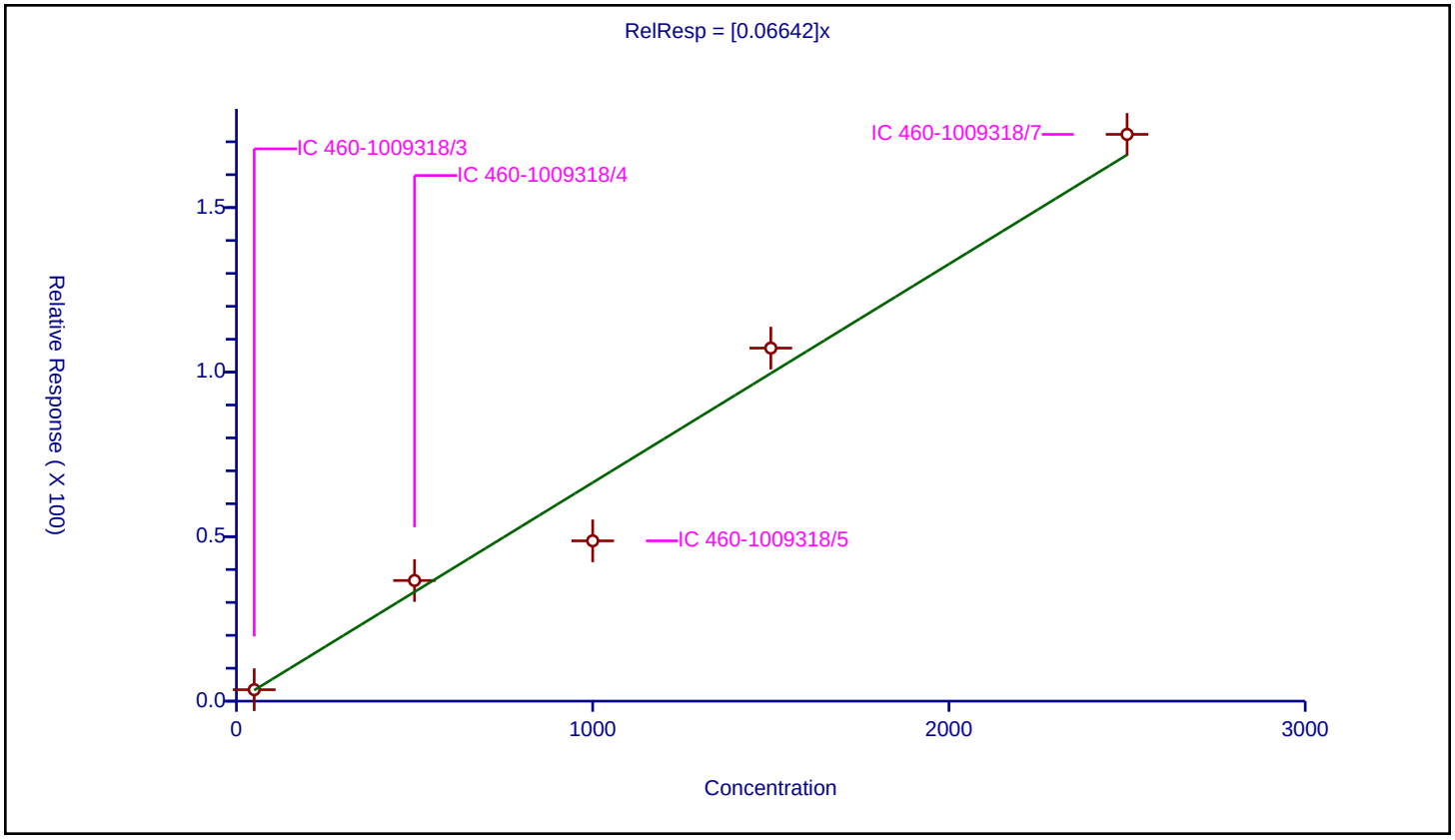
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06642 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 3.479712 | 100.0 | 161884205.0 | 0.069594 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 36.665495 | 100.0 | 117751846.0 | 0.073331 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 48.719831 | 100.0 | 129862171.0 | 0.04872 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 107.29738 | 100.0 | 115104301.0 | 0.071532 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 172.257218 | 100.0 | 123467813.0 | 0.068903 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

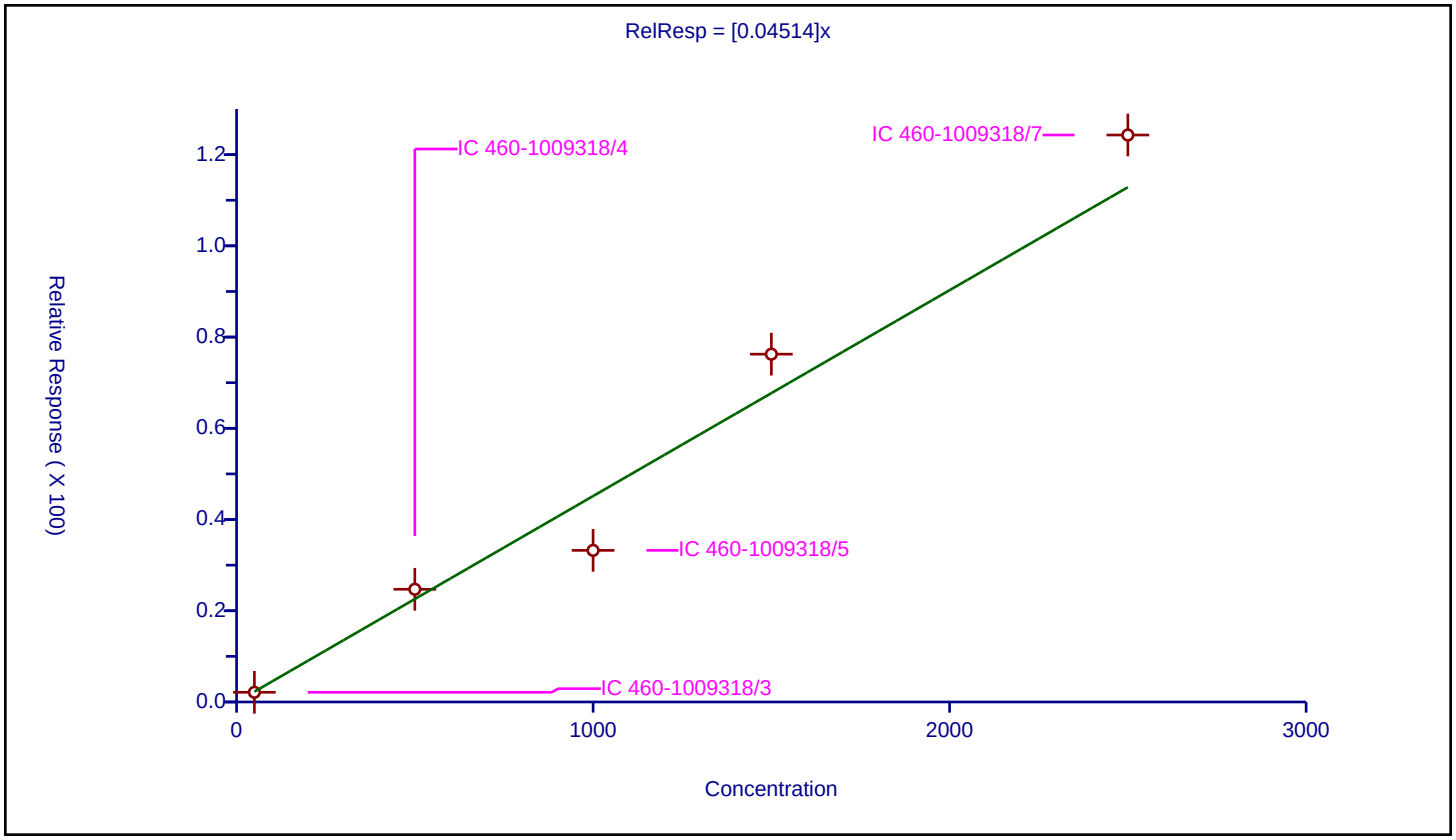
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04514 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 2.124561 | 100.0 | 161884205.0 | 0.042491 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 24.709382 | 100.0 | 117751846.0 | 0.049419 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 33.238195 | 100.0 | 129862171.0 | 0.033238 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 76.253369 | 100.0 | 115104301.0 | 0.050836 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 124.297781 | 100.0 | 123467813.0 | 0.049719 | Y |



## Calibration / Chlordane (technical) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

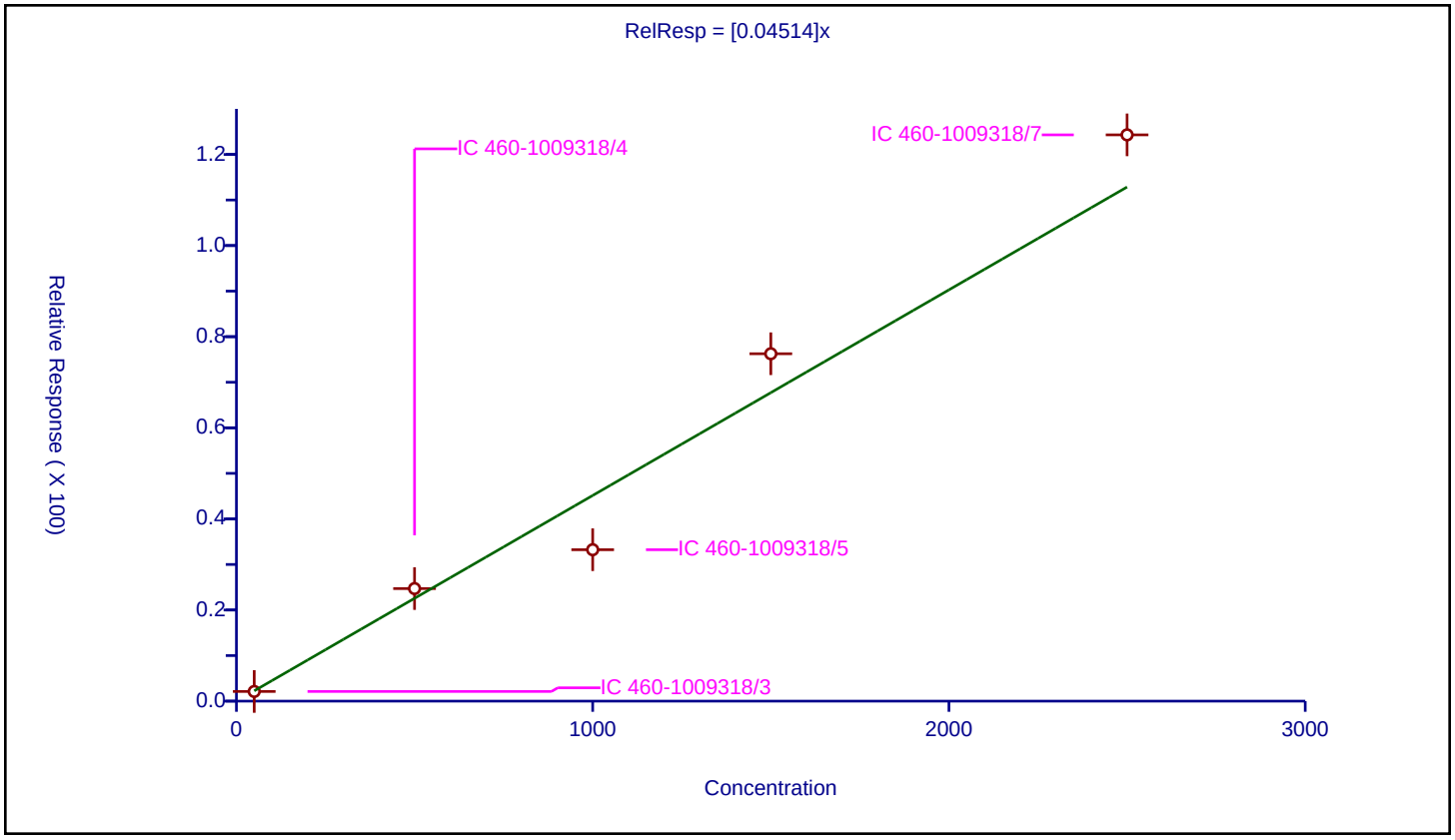
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04514 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 2.124561 | 100.0 | 161884205.0 | 0.042491 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 24.709382 | 100.0 | 117751846.0 | 0.049419 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 33.238195 | 100.0 | 129862171.0 | 0.033238 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 76.253369 | 100.0 | 115104301.0 | 0.050836 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 124.297781 | 100.0 | 123467813.0 | 0.049719 | Y |



## Calibration / Chlordane (n.o.s.) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

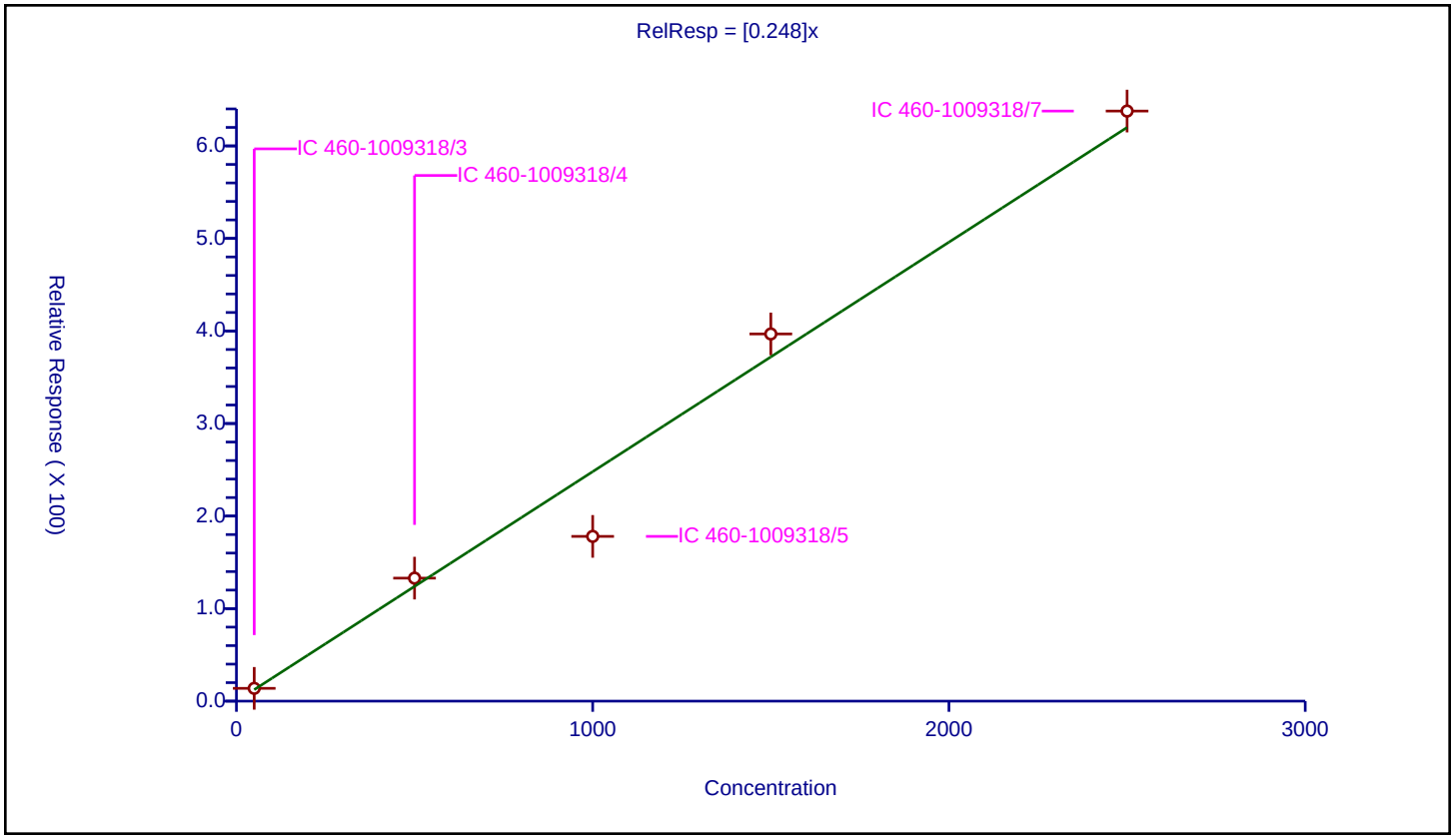
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.248 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 13.820958 | 100.0 | 161884205.0 | 0.276419 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 132.927687 | 100.0 | 117751846.0 | 0.265855 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 178.039011 | 100.0 | 129862171.0 | 0.178039 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 396.803624 | 100.0 | 115104301.0 | 0.264536 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 637.655413 | 100.0 | 123467813.0 | 0.255062 | Y |



## Calibration / Chlordane (technical) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

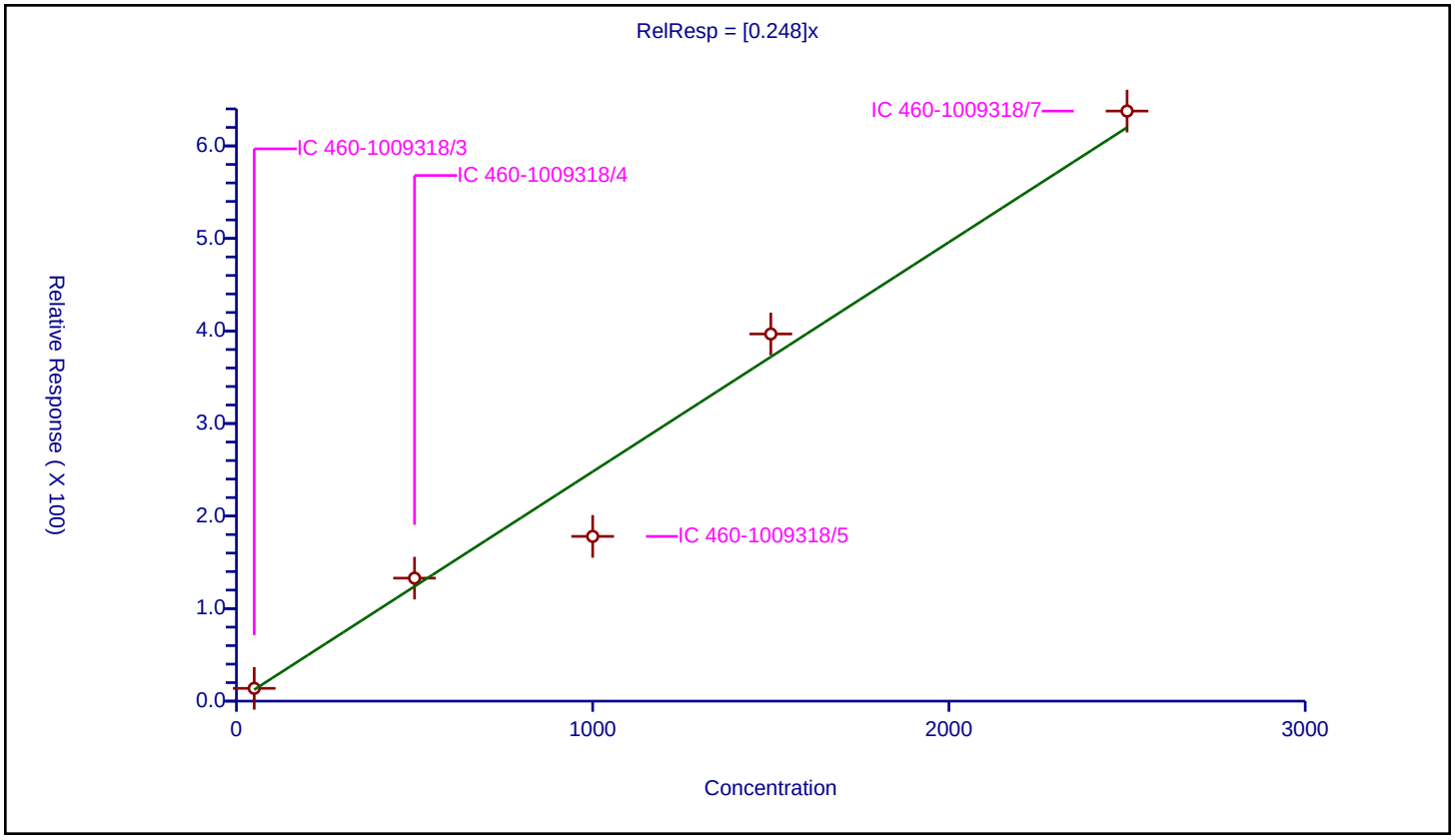
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.248 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 13.820958 | 100.0 | 161884205.0 | 0.276419 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 132.927687 | 100.0 | 117751846.0 | 0.265855 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 178.039011 | 100.0 | 129862171.0 | 0.178039 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 396.803624 | 100.0 | 115104301.0 | 0.264536 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 637.655413 | 100.0 | 123467813.0 | 0.255062 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

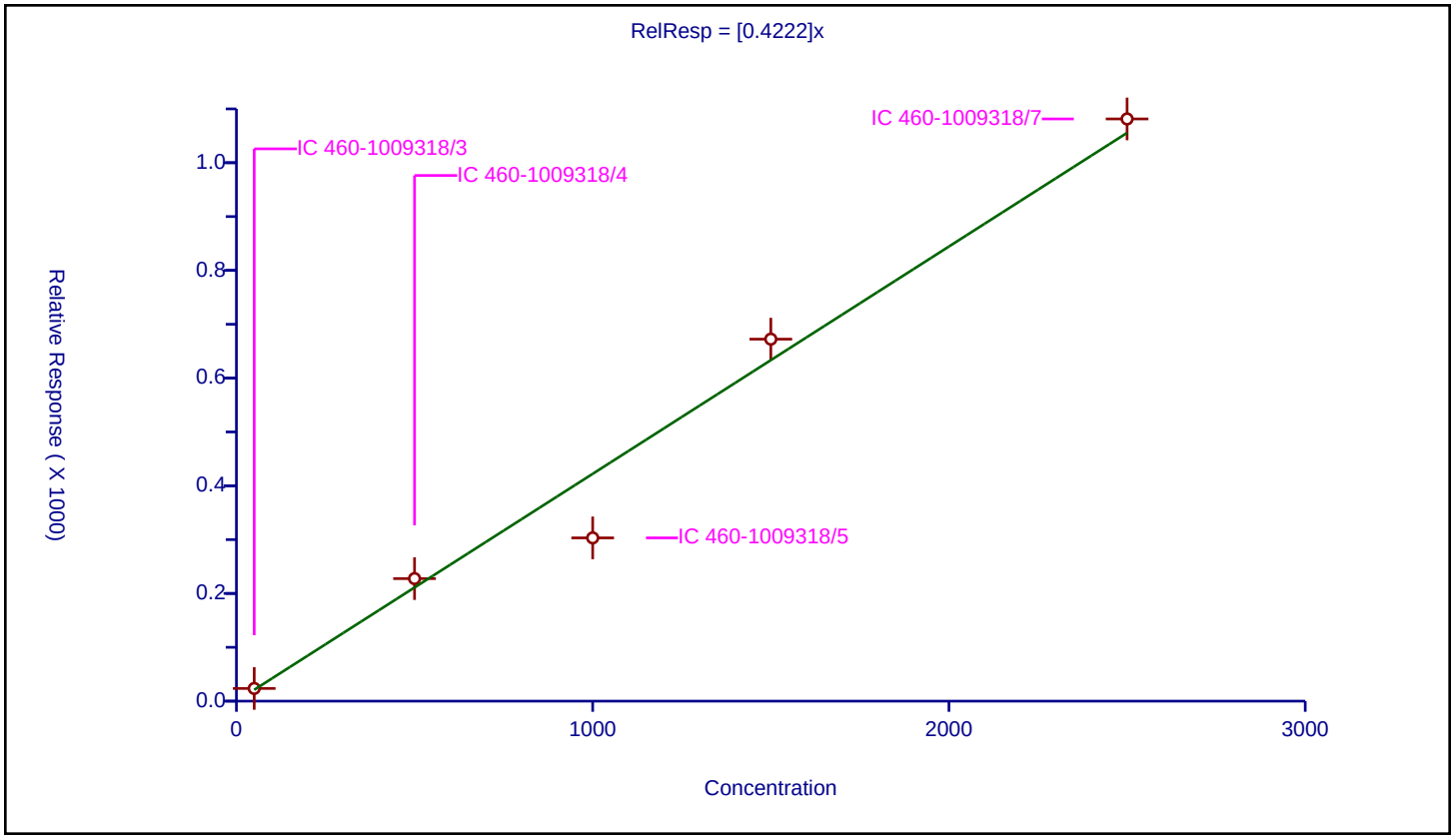
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4222 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 23.588822 | 100.0 | 161884205.0 | 0.471776 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 227.598415 | 100.0 | 117751846.0 | 0.455197 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 303.224887 | 100.0 | 129862171.0 | 0.303225 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 672.356943 | 100.0 | 115104301.0 | 0.448238 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 1081.356381 | 100.0 | 123467813.0 | 0.432543 | Y |



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## Calibration / Chlordane (technical) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

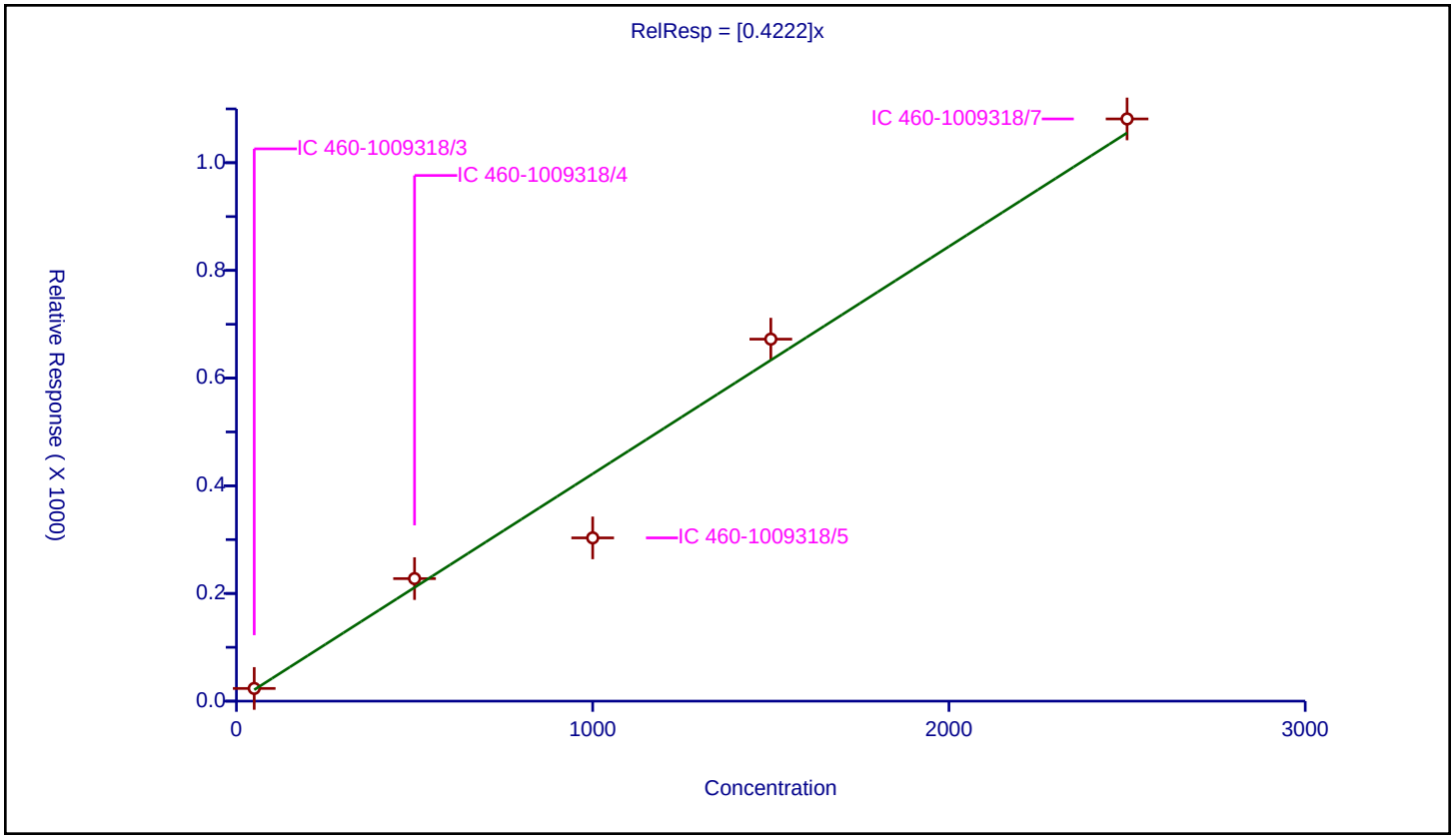
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4222 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009318/3 | 50.0 | 23.588822 | 100.0 | 161884205.0 | 0.471776 | Y |
| 2 | IC 460-1009318/4 | 500.0 | 227.598415 | 100.0 | 117751846.0 | 0.455197 | Y |
| 3 | IC 460-1009318/5 | 1000.0 | 303.224887 | 100.0 | 129862171.0 | 0.303225 | Y |
| 4 | IC 460-1009318/6 | 1500.0 | 672.356943 | 100.0 | 115104301.0 | 0.448238 | Y |
| 5 | IC 460-1009318/7 | 2500.0 | 1081.356381 | 100.0 | 123467813.0 | 0.432543 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1009321

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 05:36 Calibration End Date: 11/27/2024 06:40 Calibration ID: 99441

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009321/1 | 4F0011523.D |
| Level 2 | IC 460-1009321/2 | 4F0011524.D |
| Level 3 | IC 460-1009321/3 | 4F0011525.D |
| Level 4 | IC 460-1009321/4 | 4F0011526.D |
| Level 5 | IC 460-1009321/5 | 4F0011527.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0195 | 0.0196 | 0.0196 | 0.0178 | 0.0187 | Ave | | 0.0190 | | | | 4.3 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0724 | 0.0659 | 0.0629 | 0.0579 | 0.0579 | Ave | | 0.0634 | | | | 9.6 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0574 | 0.0510 | 0.0493 | 0.0462 | 0.0476 | Ave | | 0.0503 | | | | 8.7 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0340 | 0.0445 | 0.0444 | 0.0431 | 0.0445 | Ave | | 0.0421 | | | | 10.9 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0714 | 0.0704 | 0.0702 | 0.0675 | 0.0708 | Ave | | 0.0701 | | | | 2.1 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009321

SDG No.:

Instrument ID: CPESTGC4 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 05:36 | Calibration End Date: 11/27/2024 06:40 | Calibration ID: 99441

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009321/1 | 4F0011523.D |
| Level 2 | IC 460-1009321/2 | 4F0011524.D |
| Level 3 | IC 460-1009321/3 | 4F0011525.D |
| Level 4 | IC 460-1009321/4 | 4F0011526.D |
| Level 5 | IC 460-1009321/5 | 4F0011527.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 610957 | 5660257 | 10309214 | 14903720 | 25365227 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 2263698 | 19031724 | 33091209 | 48605709 | 78765512 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 1793145 | 14723817 | 25937952 | 38743194 | 64720247 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 1061615 | 12861679 | 23361462 | 36166563 | 60535193 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 2233068 | 20322648 | 36953497 | 56656038 | 96190435 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 05:36:43 ALS Bottle#: 10 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-001
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:41:57 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 05:52:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 62521524 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 147671004 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | Ma |
| 1 | 4.905 | 4.903 | 0.002 | 610957 | 50.0 | 51.4 | M |
| 1 | 5.503 | 5.503 | 0.000 | 2263698 | 50.0 | 57.1 | M |
| 1 | 5.792 | 5.792 | 0.000 | 1793145 | 50.0 | 57.0 | M |
| 1 | 6.064 | 6.064 | 0.000 | 1061615 | 50.0 | 40.3 | M |
| 1 | 6.493 | 6.489 | 0.004 | 2233068 | 50.0 | 51.0 | M |
| | | Average of Peak Amounts = | | | | 51.4 | |
| 2 | 4.912 | 4.913 | -0.001 | 4184046 | 50.0 | 52.9 | M |
| 2 | 4.973 | 4.973 | 0.000 | 5006694 | 50.0 | 53.7 | M |
| 2 | 5.291 | 5.289 | 0.002 | 6841630 | 50.0 | 63.0 | M |
| 2 | 5.623 | 5.619 | 0.004 | 6094471 | 50.0 | 62.8 | M |
| 2 | 5.789 | 5.789 | 0.000 | 2456451 | 50.0 | 44.7 | M |
| | | Average of Peak Amounts = | | | | 55.4 | |
| | | | | | | RPD = 7.62 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

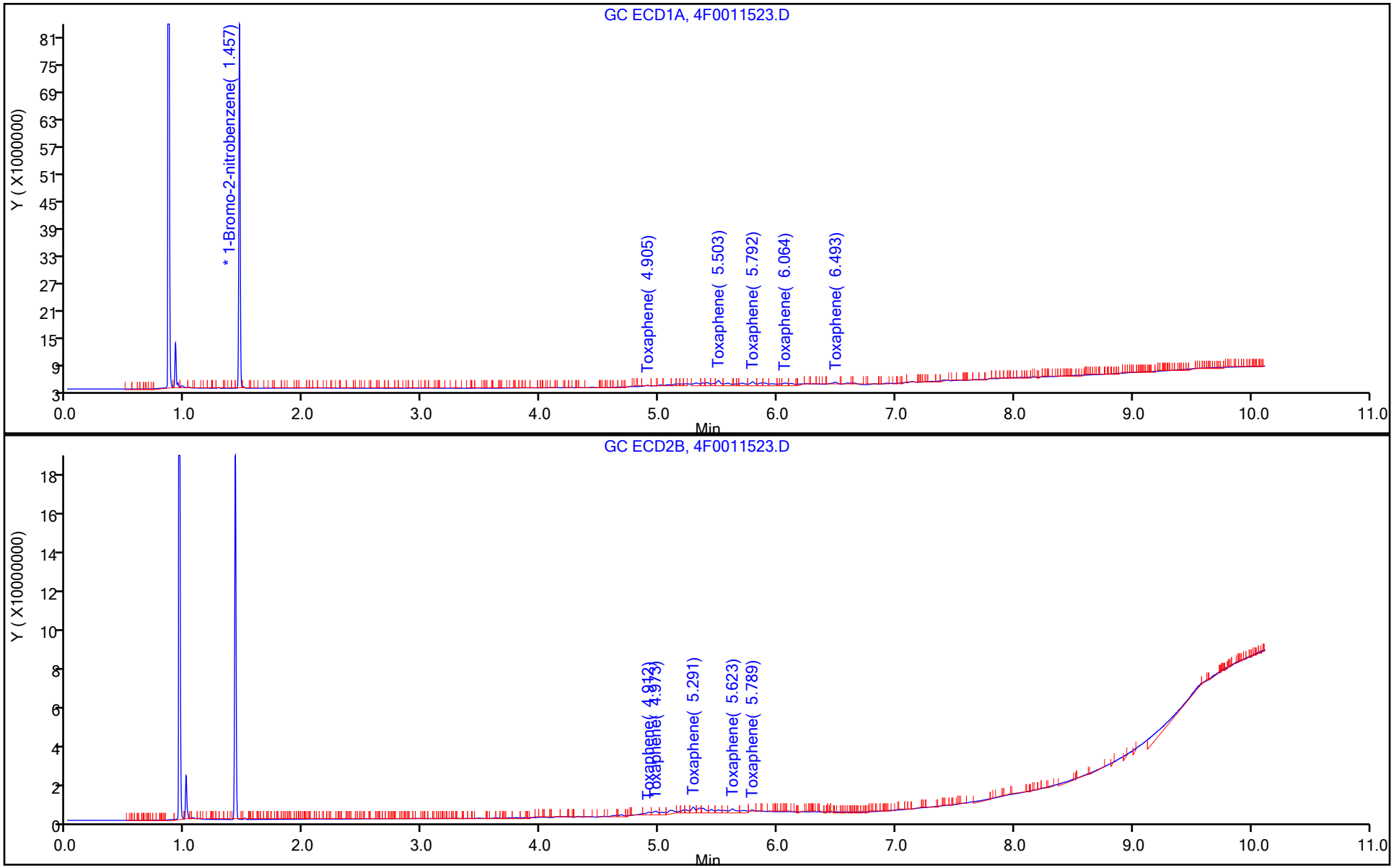
| | | | | |
|---|---|---|---|---|
| SGTOXAPHENEL1_00013 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:41:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:36:43 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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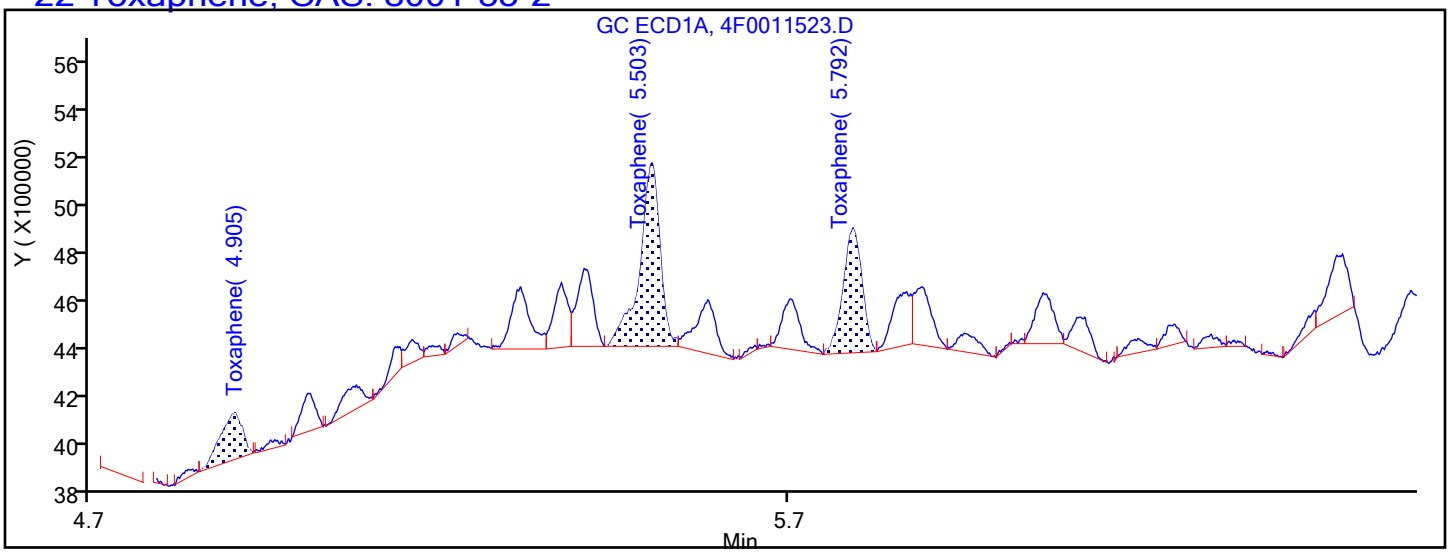
Report Date: 02-Dec-2024 04:41:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

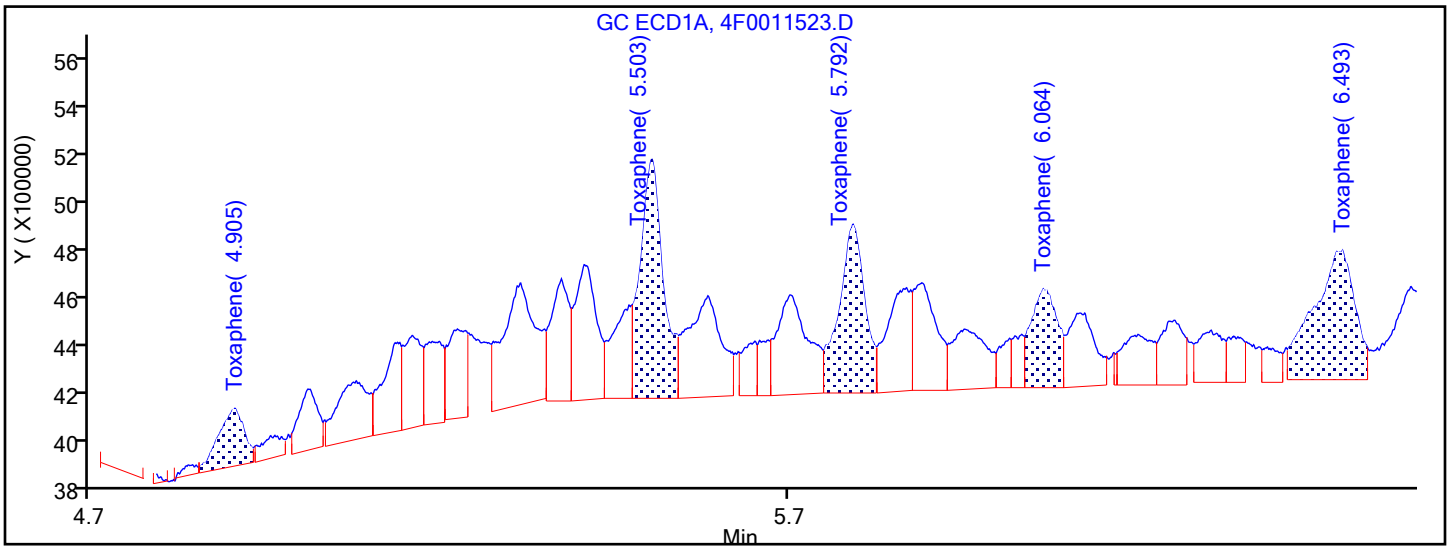
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D
Injection Date: 27-Nov-2024 05:36:43 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.905 | Response = 419500 |
| 5.503 | Response = 1557282 |
| 5.792 | Response = 959268 |
| 6.064 | Response = 0 |
| 6.489 | Response = 0 |




Manual Integration Results

| | | |
|---|---|---|
| 4.905 | Response = 610957 | M |
| 5.503 | Response = 2263698 | M |
| 5.792 | Response = 1793145 | M |
| 6.064 | Response = 1061615 | M |
| 6.493 | Response = 2233068 | M |

Reviewer: ESS0, 27-Nov-2024 06:35:51 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 05:52:34 ALS Bottle#: 11 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-002
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:41:54 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:23:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 57754438 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 135113661 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.903 | 4.903 | 0.000 | 5660257 | 500.0 | 515.0 | M |
| 1 | 5.503 | 5.503 | 0.000 | 19031724 | 500.0 | 519.7 | M |
| 1 | 5.793 | 5.792 | 0.001 | 14723817 | 500.0 | 507.0 | M |
| 1 | 6.064 | 6.064 | 0.000 | 12861679 | 500.0 | 528.9 | M |
| 1 | 6.493 | 6.489 | 0.004 | 20322648 | 500.0 | 502.3 | M |
| | | Average of Peak Amounts = | | | | 514.6 | |
| 2 | 4.913 | 4.913 | 0.000 | 36862094 | 500.0 | 509.5 | M |
| 2 | 4.972 | 4.973 | -0.001 | 42296412 | 500.0 | 496.1 | M |
| 2 | 5.289 | 5.289 | 0.000 | 48998294 | 500.0 | 493.2 | M |
| 2 | 5.621 | 5.619 | 0.002 | 44755420 | 500.0 | 503.9 | M |
| 2 | 5.788 | 5.789 | -0.001 | 27182484 | 500.0 | 540.8 | M |
| | | Average of Peak Amounts = | | | | 508.7 | |
| | | | | | | RPD = 1.15 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

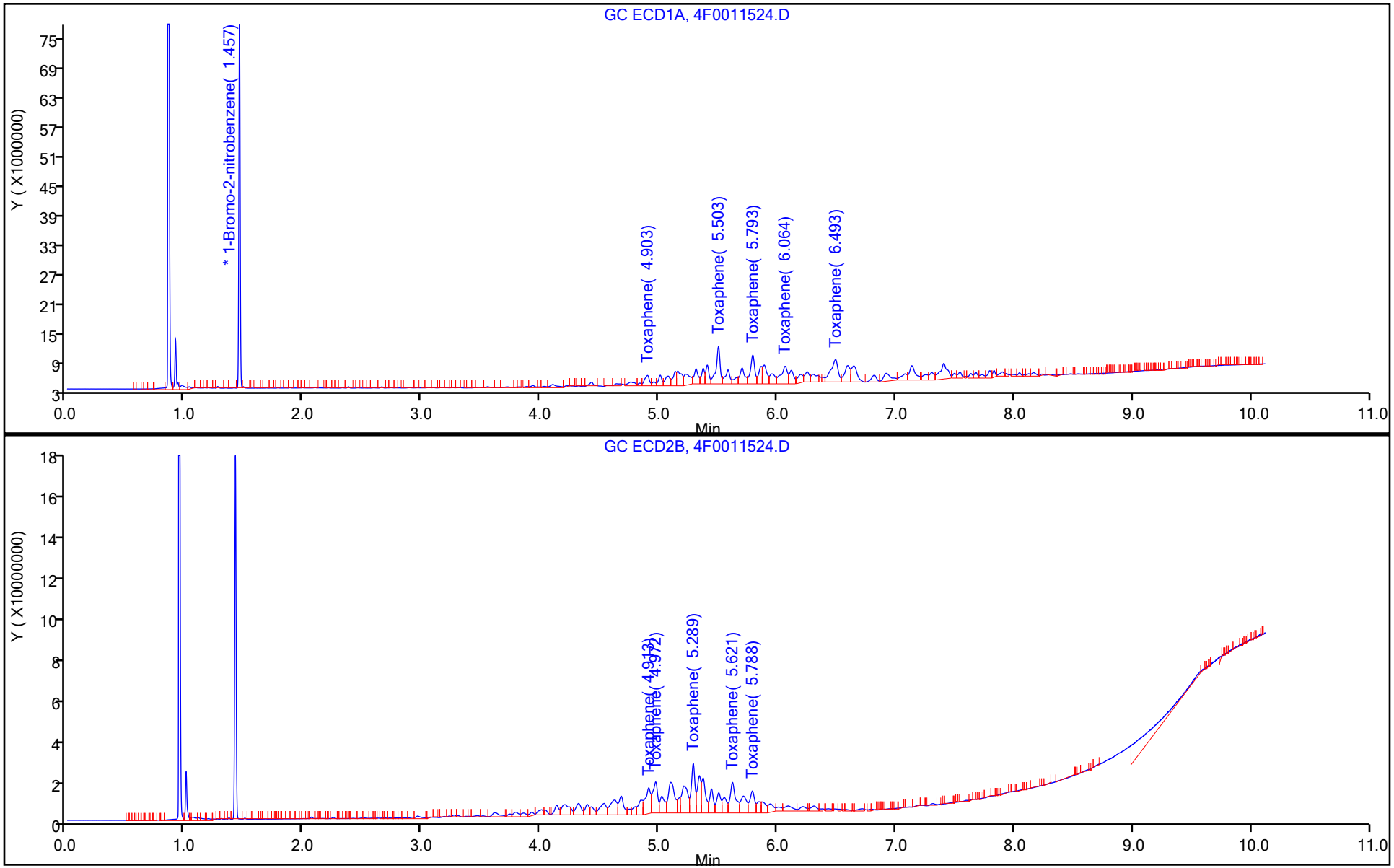
SGTOXAPHENEL3_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:41:54 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:52:34 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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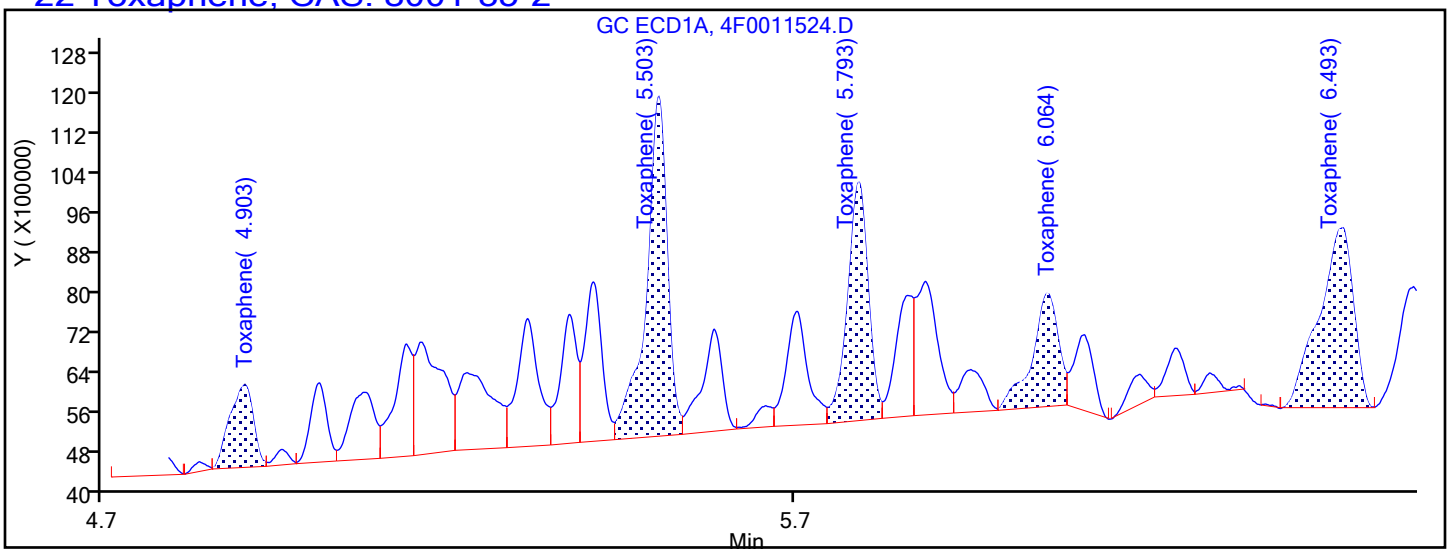
Report Date: 02-Dec-2024 04:41:54 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

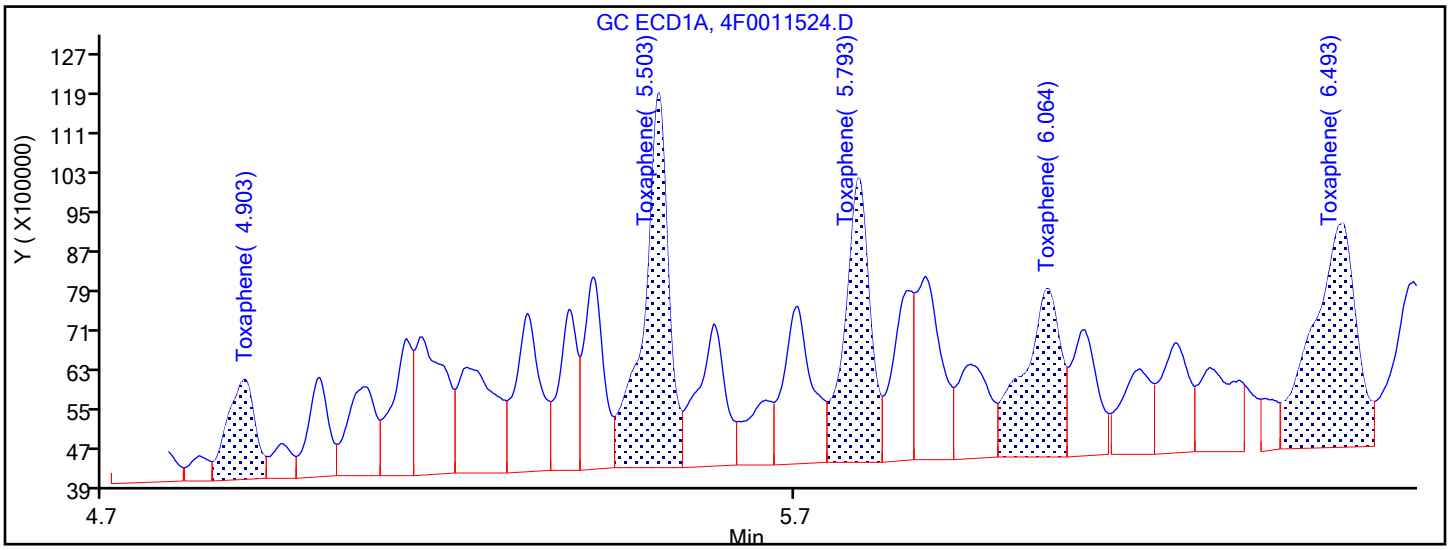
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D
Injection Date: 27-Nov-2024 05:52:34 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.903 | Response = 4020265 |
| 5.503 | Response = 14544974 |
| 5.793 | Response = 10078960 |
| 6.064 | Response = 5982901 |
| 6.493 | Response = 12561118 |




Manual Integration Results

| | | |
|---|---|---|
| 4.903 | Response = 5660257 | M |
| 5.503 | Response = 19031724 | M |
| 5.793 | Response = 14723817 | M |
| 6.064 | Response = 12861679 | M |
| 6.493 | Response = 20322648 | M |

Reviewer: ESS0, 27-Nov-2024 06:23:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Nov-2024 06:08:22 ALS Bottle#: 12 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:00 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:34:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 52633882 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 122047658 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.903 | 4.903 | 0.000 | 10309214 | 1000.0 | 1029.3 | M |
| 1 | 5.503 | 5.503 | 0.000 | 33091209 | 1000.0 | 991.5 | M |
| 1 | 5.792 | 5.792 | 0.000 | 25937952 | 1000.0 | 980.1 | M |
| 1 | 6.064 | 6.064 | 0.000 | 23361462 | 1000.0 | 1054.2 | M |
| 1 | 6.489 | 6.489 | 0.000 | 36953497 | 1000.0 | 1002.2 | M |
| | | Average of Peak Amounts = | | | | 1011.4 | |
| 2 | 4.913 | 4.913 | 0.000 | 68881270 | 1000.0 | 1054.0 | M |
| 2 | 4.973 | 4.973 | 0.000 | 81690979 | 1000.0 | 1060.8 | M |
| 2 | 5.289 | 5.289 | 0.000 | 89906153 | 1000.0 | 1001.8 | M |
| 2 | 5.619 | 5.619 | 0.000 | 80688176 | 1000.0 | 1005.7 | M |
| 2 | 5.789 | 5.789 | 0.000 | 50535162 | 1000.0 | 1113.0 | M |
| | | Average of Peak Amounts = | | | | 1047.1 | |
| | | | | | | RPD = 3.46 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

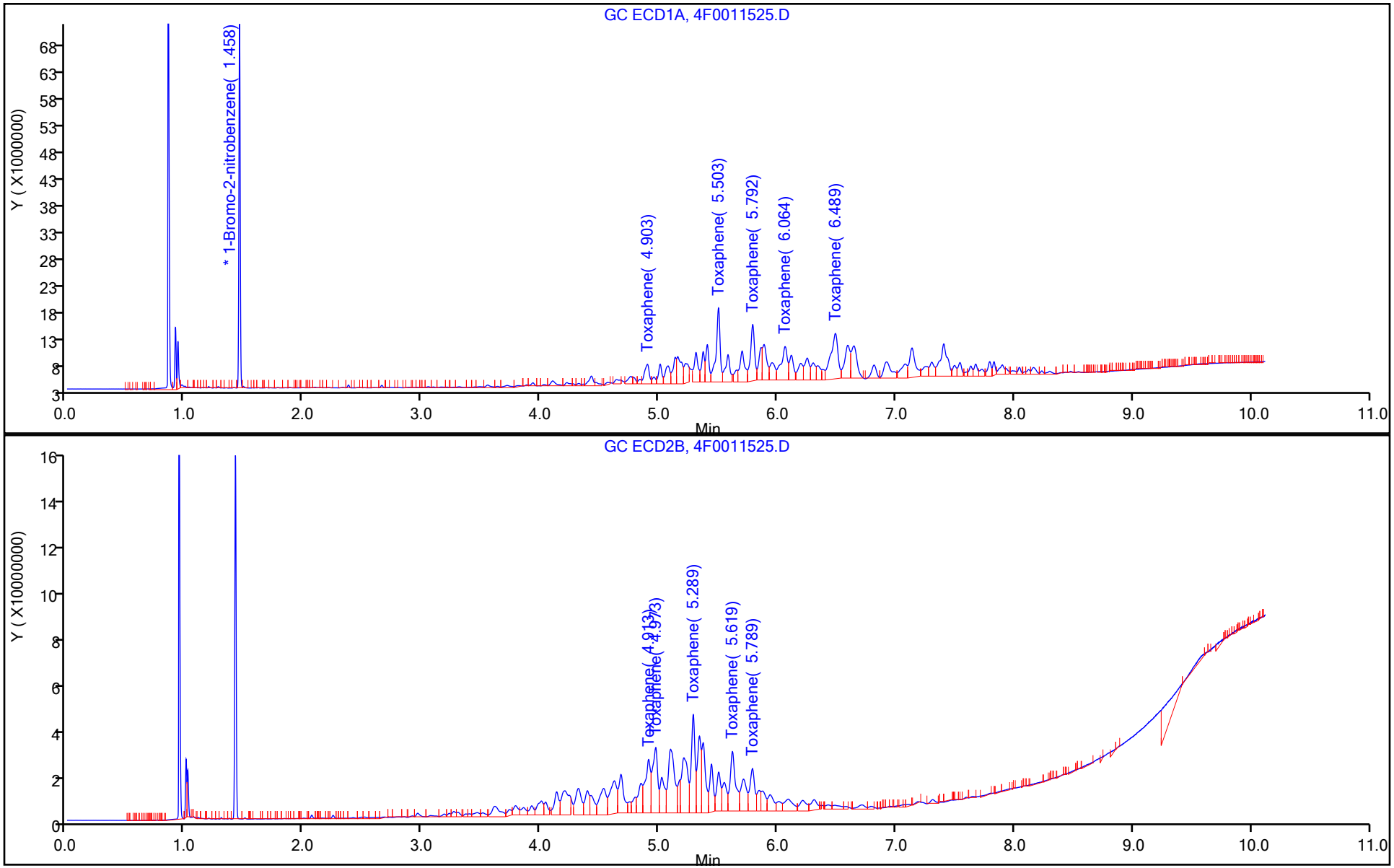
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:01 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:08:22 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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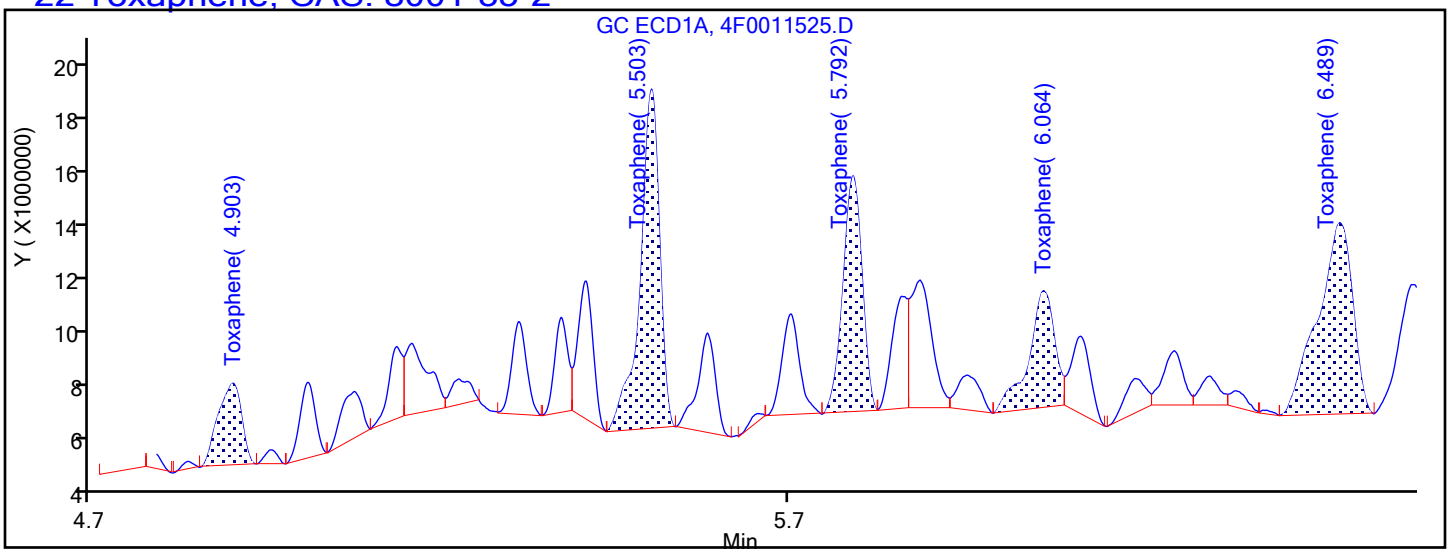
Report Date: 02-Dec-2024 04:42:01 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

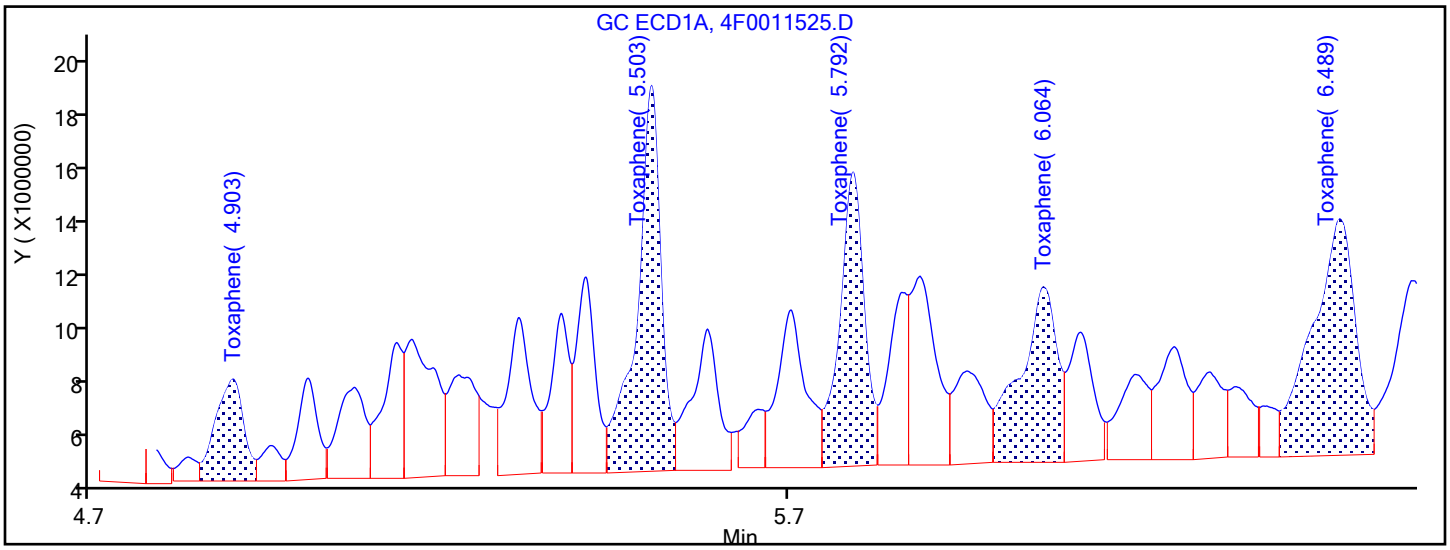
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D
Injection Date: 27-Nov-2024 06:08:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.903 | Response = 6812711 |
| 5.503 | Response = 23257829 |
| 5.792 | Response = 15957136 |
| 6.064 | Response = 10887917 |
| 6.489 | Response = 23625835 |




Manual Integration Results

| | | |
|---|---|---|
| 4.903 | Response = 10309214 | M |
| 5.503 | Response = 33091209 | M |
| 5.792 | Response = 25937952 | M |
| 6.064 | Response = 23361462 | M |
| 6.489 | Response = 36953497 | M |

Reviewer: ESS0, 27-Nov-2024 06:33:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 06:24:12 ALS Bottle#: 13 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:03 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:40:02

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 55949148 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 131803660 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.902 | 4.903 | -0.001 | 14903720 | 1500.0 | 1399.8 | M |
| 1 | 5.503 | 5.503 | 0.000 | 48605709 | 1500.0 | 1370.1 | M |
| 1 | 5.792 | 5.792 | 0.000 | 38743194 | 1500.0 | 1377.2 | M |
| 1 | 6.065 | 6.064 | 0.001 | 36166563 | 1500.0 | 1535.4 | M |
| 1 | 6.489 | 6.489 | 0.000 | 56656038 | 1500.0 | 1445.4 | M |
| | | Average of Peak Amounts = | | | | 1425.6 | |
| 2 | 4.914 | 4.913 | 0.001 | 98223504 | 1500.0 | 1391.8 | M |
| 2 | 4.972 | 4.973 | -0.001 | 118106777 | 1500.0 | 1420.2 | M |
| 2 | 5.289 | 5.289 | 0.000 | 128290042 | 1500.0 | 1323.7 | M |
| 2 | 5.621 | 5.619 | 0.002 | 114173672 | 1500.0 | 1317.8 | M |
| 2 | 5.790 | 5.789 | 0.001 | 71773571 | 1500.0 | 1463.7 | M |
| | | Average of Peak Amounts = | | | | 1383.5 | |
| | | | | | | RPD = 3.00 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

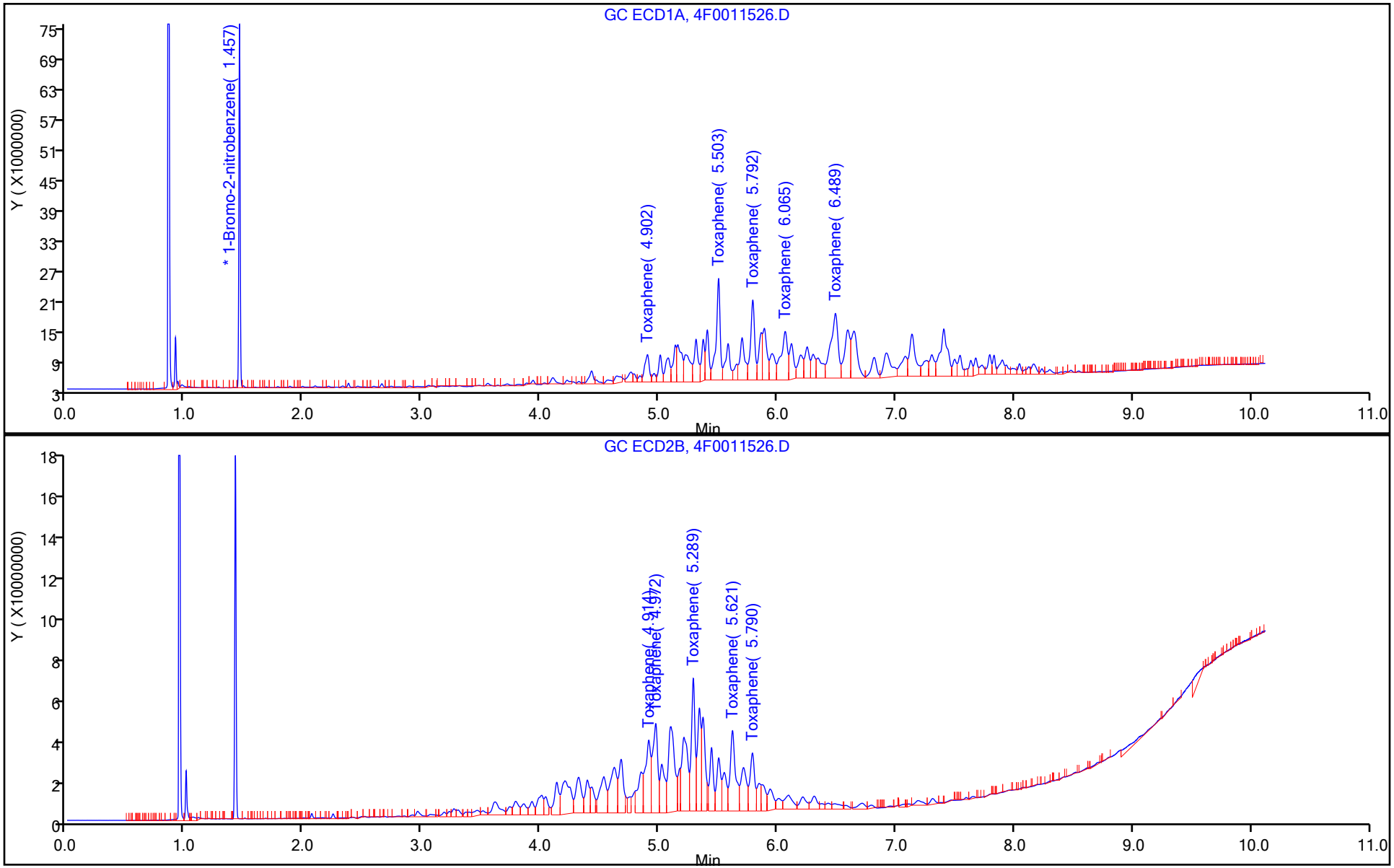
SGTOXAPHENEL5_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:04 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:24:12 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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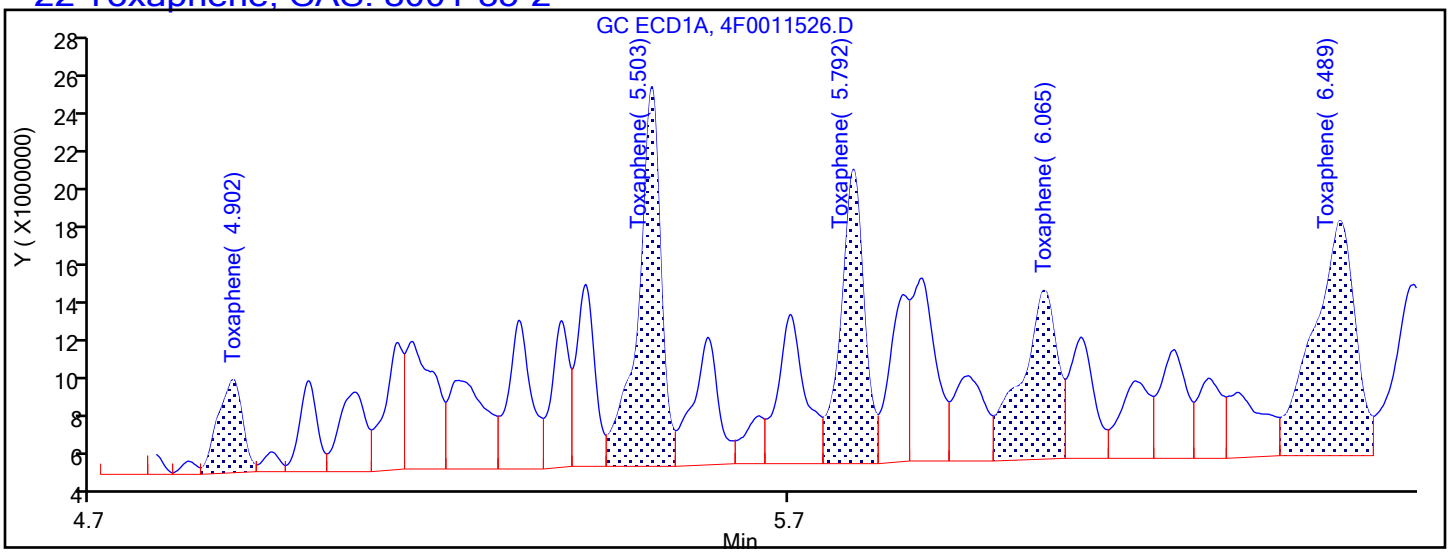
Report Date: 02-Dec-2024 04:42:04 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

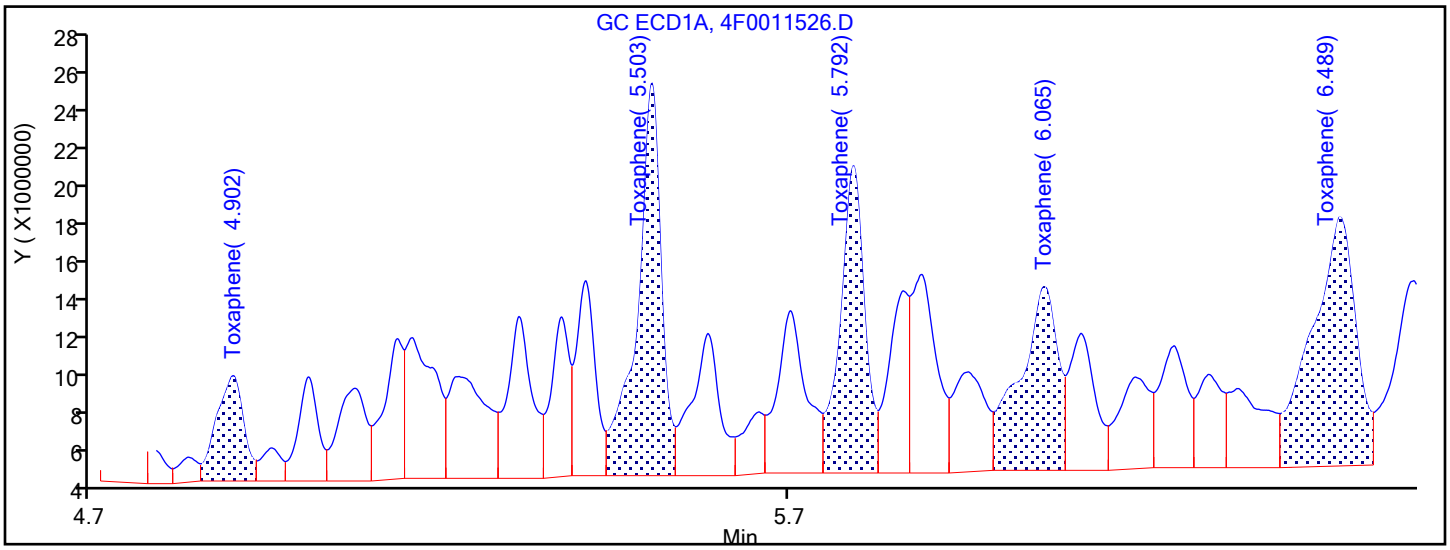
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D
Injection Date: 27-Nov-2024 06:24:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.902 | Response = 11741214 |
| 5.503 | Response = 44425781 |
| 5.792 | Response = 35300767 |
| 6.065 | Response = 31555986 |
| 6.489 | Response = 50416374 |




Manual Integration Results

| | | |
|---|---|---|
| 4.902 | Response = 14903720 | M |
| 5.503 | Response = 48605709 | M |
| 5.792 | Response = 38743194 | M |
| 6.065 | Response = 36166563 | M |
| 6.489 | Response = 56656038 | M |

Reviewer: ESS0, 27-Nov-2024 06:39:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 06:40:02 ALS Bottle#: 14 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 07:13:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 54376061 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 129614744 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.902 | 4.903 | -0.001 | 25365227 | 2500.0 | 2451.3 | M |
| 1 | 5.503 | 5.503 | 0.000 | 78765512 | 2500.0 | 2284.4 | M |
| 1 | 5.792 | 5.792 | 0.000 | 64720247 | 2500.0 | 2367.2 | M |
| 1 | 6.066 | 6.064 | 0.002 | 60535193 | 2500.0 | 2644.2 | M |
| 1 | 6.490 | 6.489 | 0.001 | 96190435 | 2500.0 | 2525.1 | M |
| | | Average of Peak Amounts = | | | | 2454.4 | |
| 2 | 4.913 | 4.913 | 0.000 | 163212536 | 2500.0 | 2351.7 | M |
| 2 | 4.972 | 4.973 | -0.001 | 189181895 | 2500.0 | 2313.3 | M |
| 2 | 5.290 | 5.289 | 0.001 | 207074332 | 2500.0 | 2172.7 | M |
| 2 | 5.620 | 5.619 | 0.001 | 181535452 | 2500.0 | 2130.6 | M |
| 2 | 5.790 | 5.789 | 0.001 | 112758060 | 2500.0 | 2338.4 | M |
| | | Average of Peak Amounts = | | | | 2261.4 | |
| | | | | | | RPD = 8.19 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

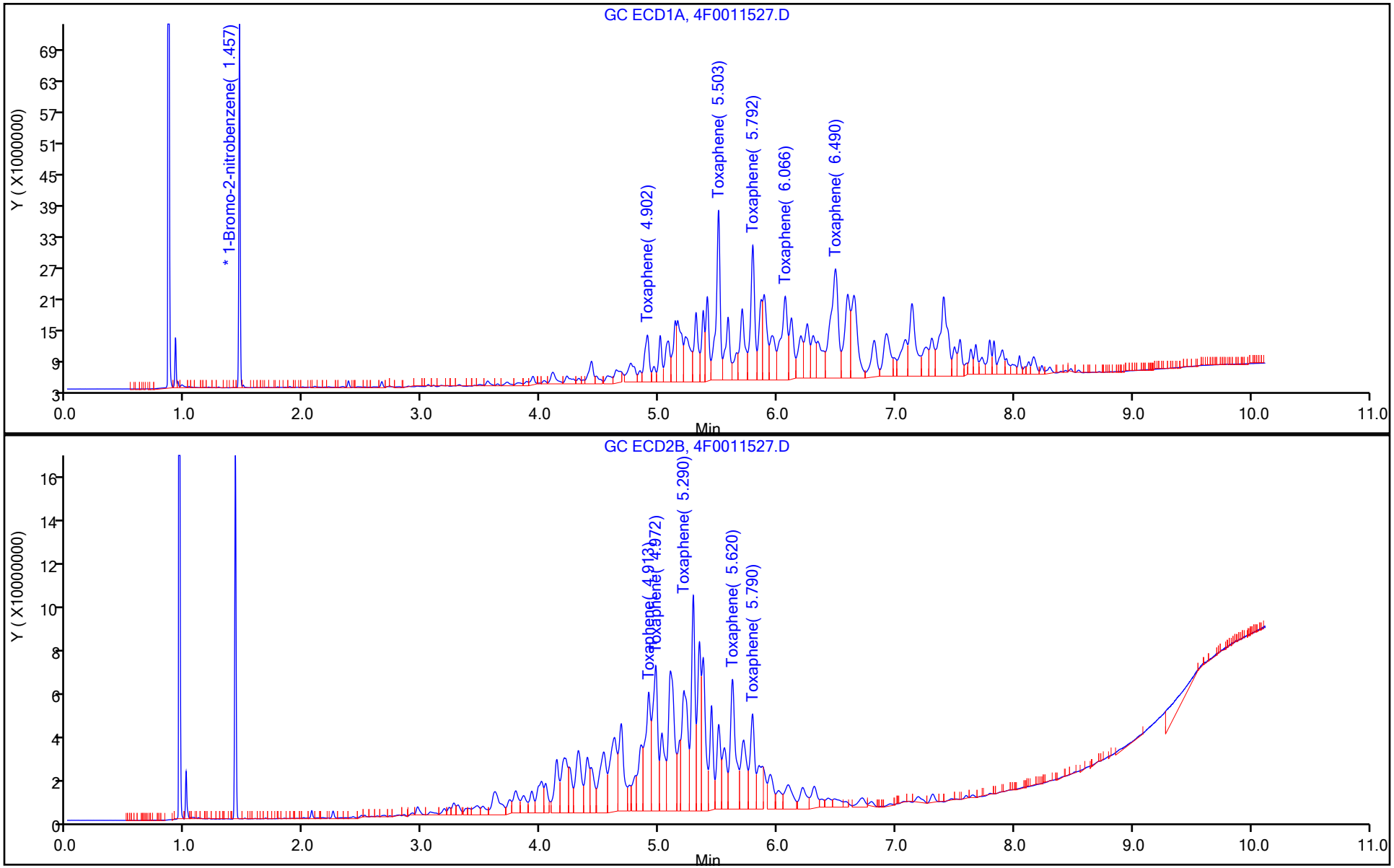
SGTOXAPHENEL6_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:07 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:40:02 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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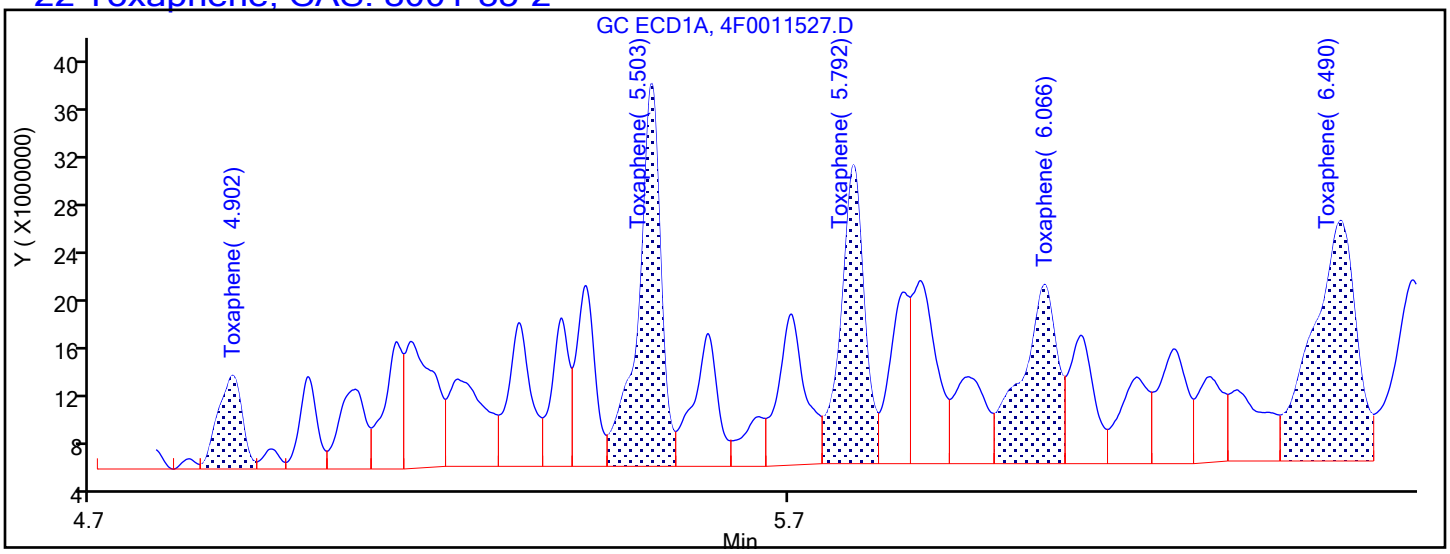
Report Date: 02-Dec-2024 04:42:07 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

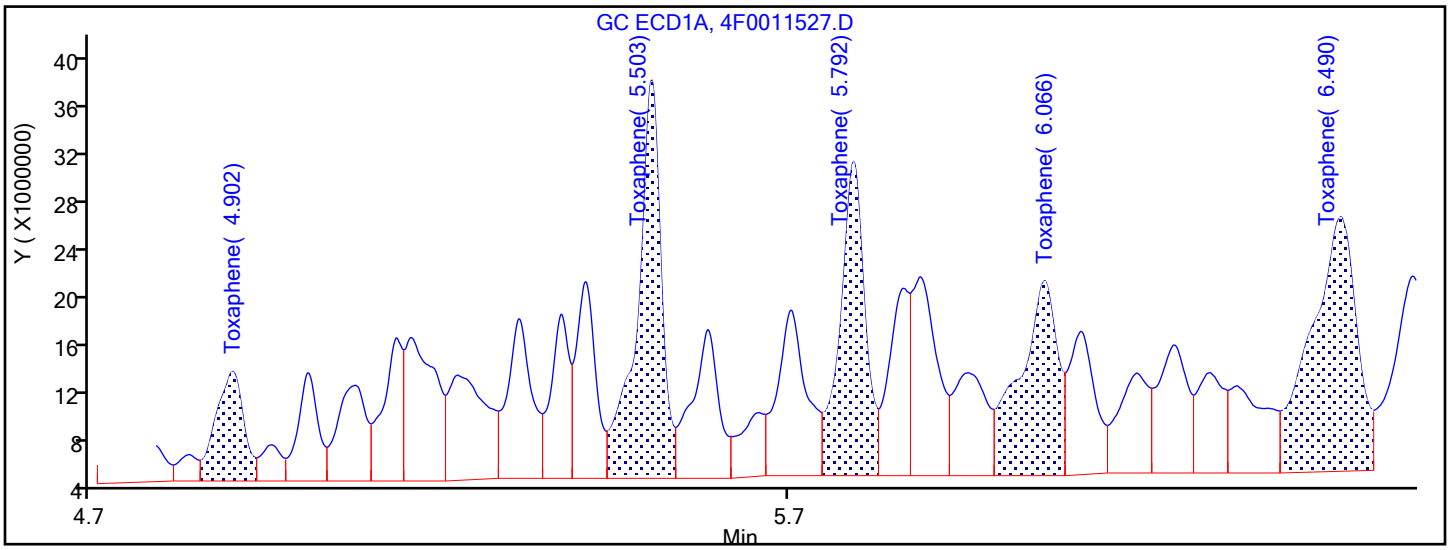
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D
Injection Date: 27-Nov-2024 06:40:02 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.902 | Response = 18616622 |
| 5.503 | Response = 70944230 |
| 5.792 | Response = 58452420 |
| 6.066 | Response = 52826294 |
| 6.490 | Response = 86398684 |




Manual Integration Results

| | | |
|---|---|---|
| 4.902 | Response = 25365227 | M |
| 5.503 | Response = 78765512 | M |
| 5.792 | Response = 64720247 | M |
| 6.066 | Response = 60535193 | M |
| 6.490 | Response = 96190435 | M |

Reviewer: ESS0, 27-Nov-2024 07:13:16 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

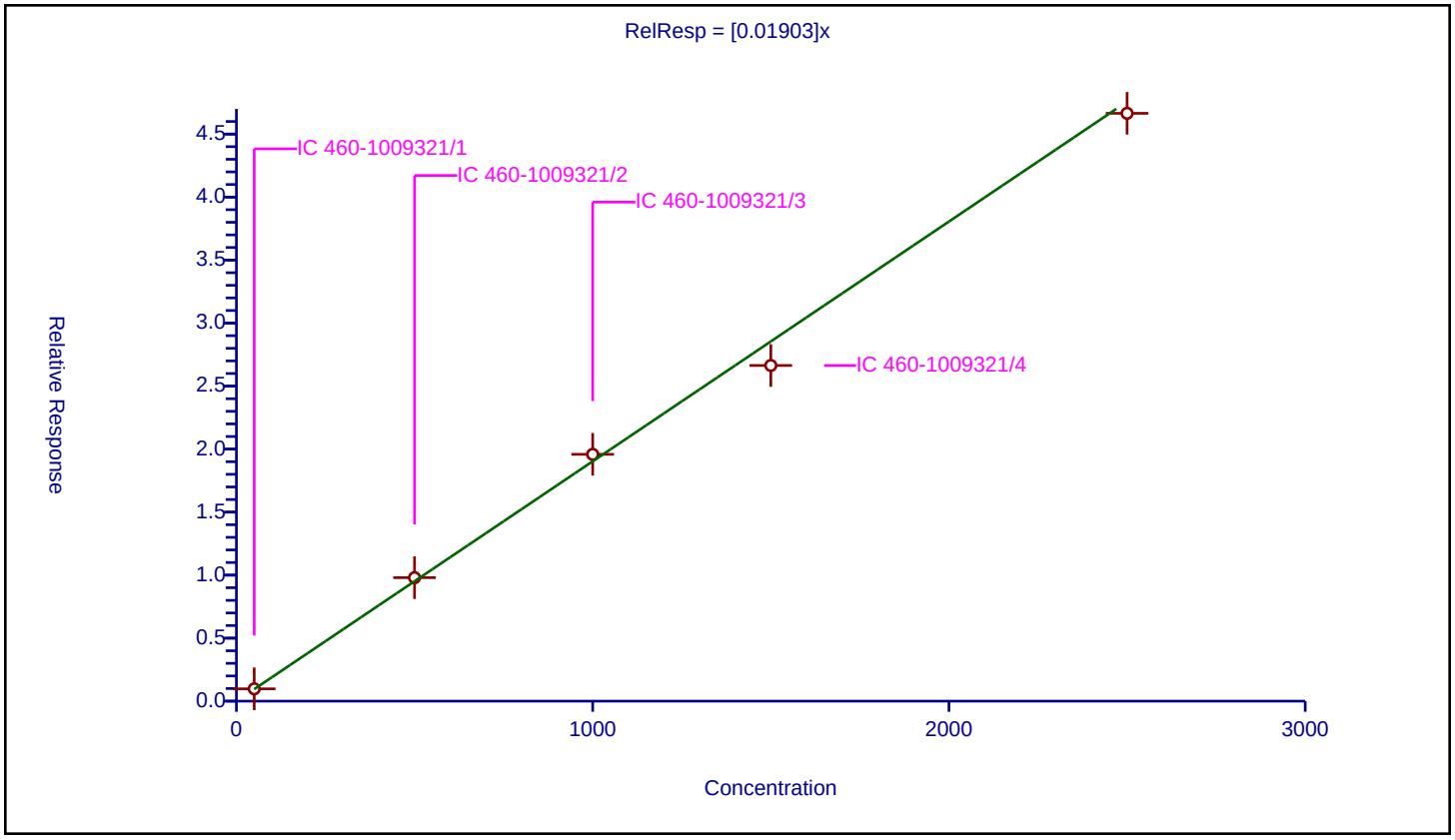
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01903 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 0.977195 | 100.0 | 62521524.0 | 0.019544 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 9.800558 | 100.0 | 57754438.0 | 0.019601 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 19.58665 | 100.0 | 52633882.0 | 0.019587 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 26.637975 | 100.0 | 55949148.0 | 0.017759 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 46.647783 | 100.0 | 54376061.0 | 0.018659 | Y |



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## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

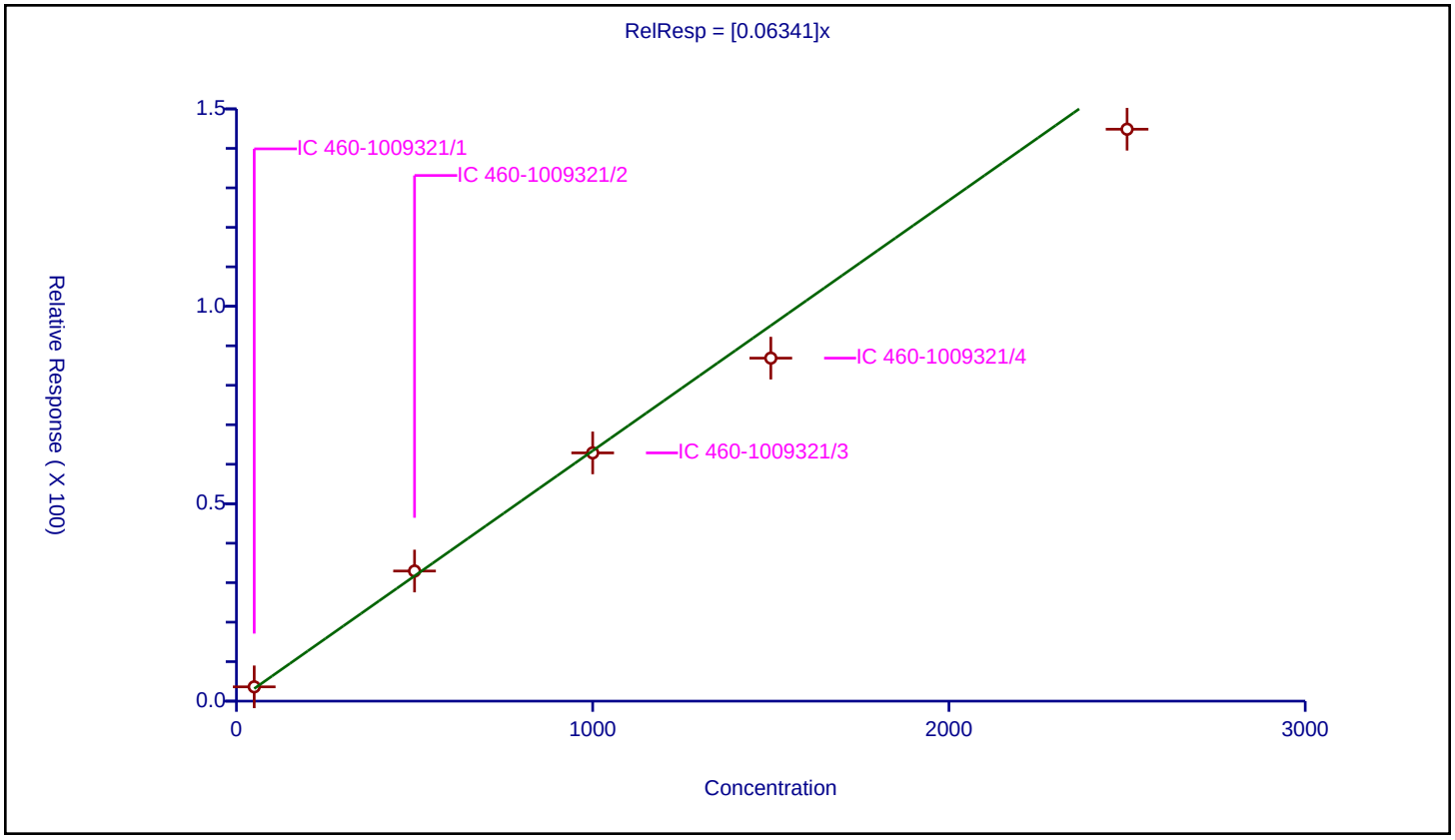
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 3.62067 | 100.0 | 62521524.0 | 0.072413 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 32.952834 | 100.0 | 57754438.0 | 0.065906 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 62.870546 | 100.0 | 52633882.0 | 0.062871 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 86.874797 | 100.0 | 55949148.0 | 0.057917 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 144.853288 | 100.0 | 54376061.0 | 0.057941 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

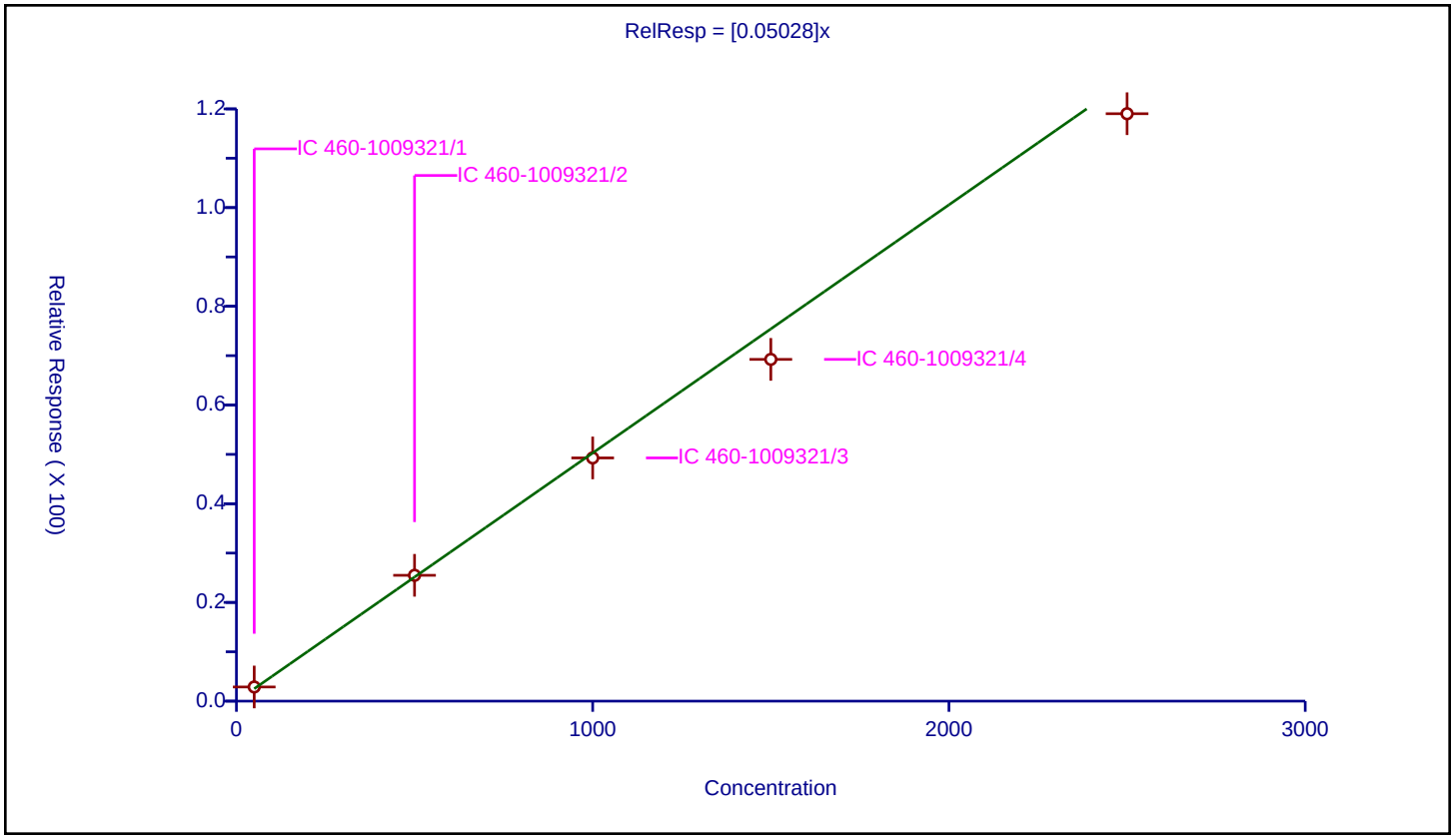
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05028 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 2.868044 | 100.0 | 62521524.0 | 0.057361 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 25.493828 | 100.0 | 57754438.0 | 0.050988 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 49.279952 | 100.0 | 52633882.0 | 0.04928 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 69.247156 | 100.0 | 55949148.0 | 0.046165 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 119.023419 | 100.0 | 54376061.0 | 0.047609 | Y |



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## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

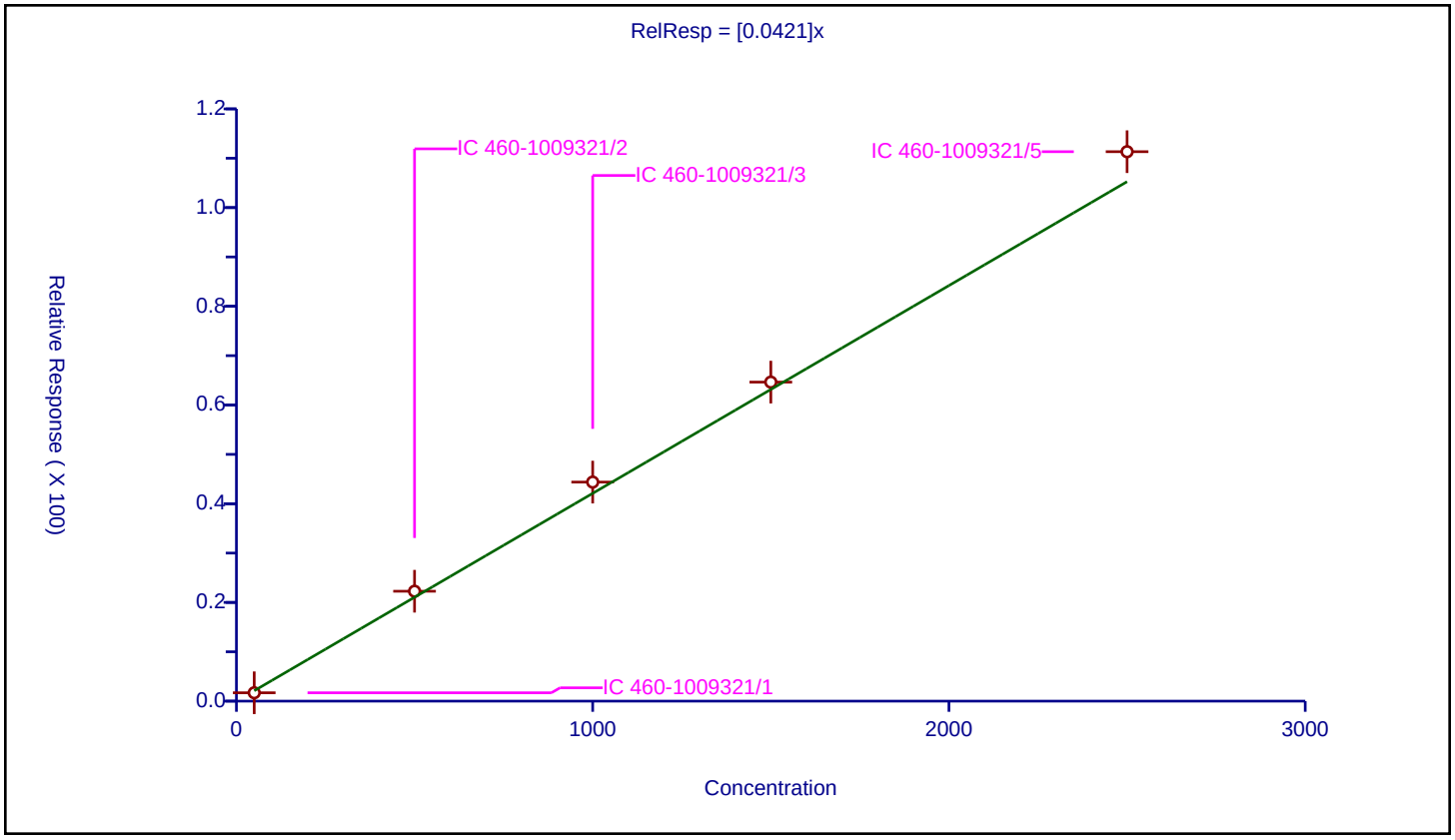
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0421 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 1.697999 | 100.0 | 62521524.0 | 0.03396 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 22.269594 | 100.0 | 57754438.0 | 0.044539 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 44.384836 | 100.0 | 52633882.0 | 0.044385 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 64.641848 | 100.0 | 55949148.0 | 0.043095 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 111.326918 | 100.0 | 54376061.0 | 0.044531 | Y |



## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

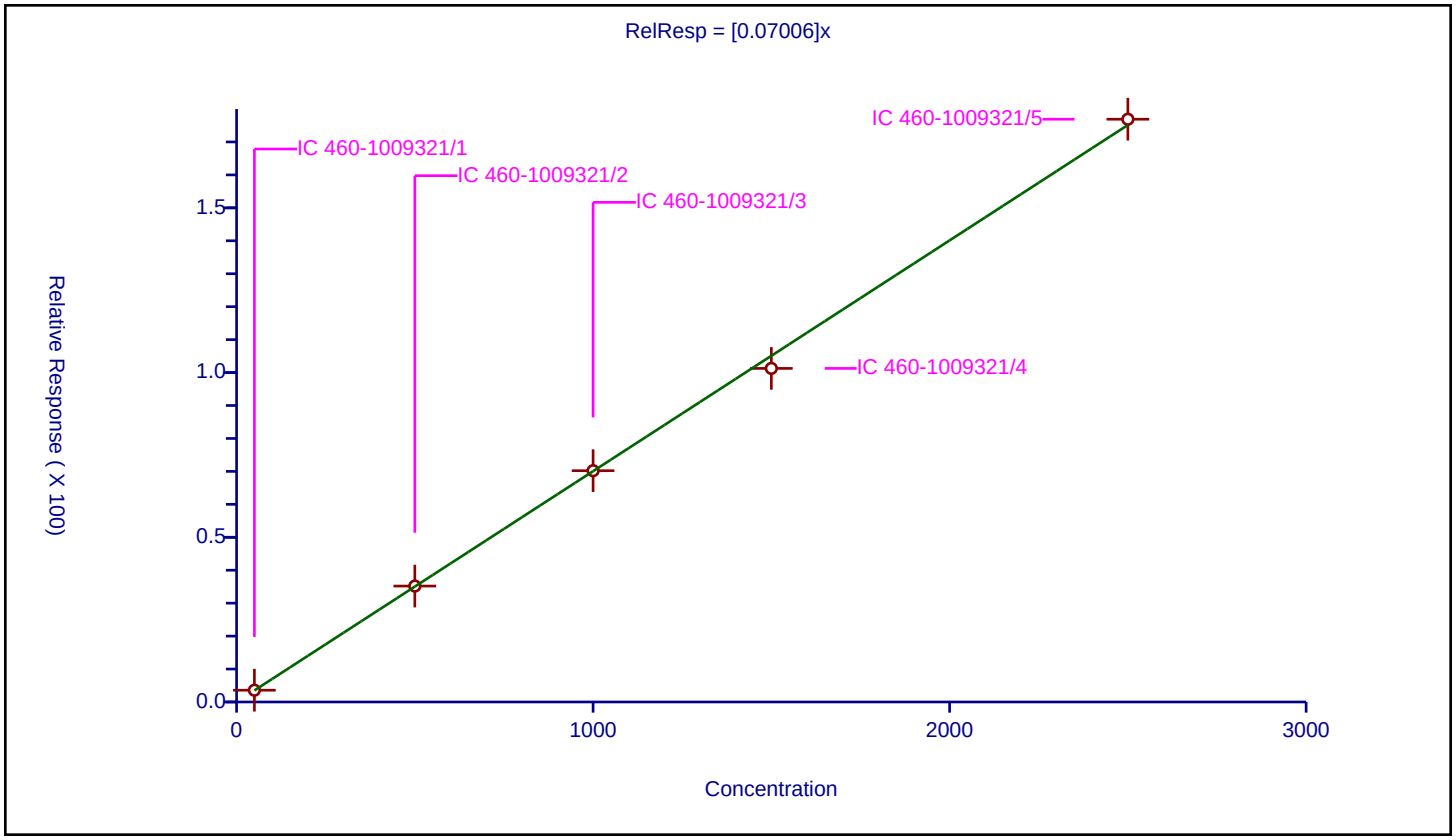
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07006 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 3.571679 | 100.0 | 62521524.0 | 0.071434 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 35.188028 | 100.0 | 57754438.0 | 0.070376 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 70.208572 | 100.0 | 52633882.0 | 0.070209 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 101.263451 | 100.0 | 55949148.0 | 0.067509 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 176.898498 | 100.0 | 54376061.0 | 0.070759 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1009321

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 05:36 Calibration End Date: 11/27/2024 06:40 Calibration ID: 99442

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009321/1 | 4F0011523.D |
| Level 2 | IC 460-1009321/2 | 4F0011524.D |
| Level 3 | IC 460-1009321/3 | 4F0011525.D |
| Level 4 | IC 460-1009321/4 | 4F0011526.D |
| Level 5 | IC 460-1009321/5 | 4F0011527.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0567 | 0.0546 | 0.0564 | 0.0497 | 0.0504 | Ave | | 0.0535 | | | | 6.2 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0678 | 0.0626 | 0.0669 | 0.0597 | 0.0584 | Ave | | 0.0631 | | | | 6.7 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0927 | 0.0725 | 0.0737 | 0.0649 | 0.0639 | Ave | | 0.0735 | | | | 15.7 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0825 | 0.0662 | 0.0661 | 0.0577 | 0.0560 | Ave | | 0.0657 | | | | 16.0 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0333 | 0.0402 | 0.0414 | 0.0363 | 0.0348 | Ave | | 0.0372 | | | | 9.4 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009321

SDG No.:

Instrument ID: CPESTGC4 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 05:36 | Calibration End Date: 11/27/2024 06:40 | Calibration ID: 99442

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009321/1 | 4F0011523.D |
| Level 2 | IC 460-1009321/2 | 4F0011524.D |
| Level 3 | IC 460-1009321/3 | 4F0011525.D |
| Level 4 | IC 460-1009321/4 | 4F0011526.D |
| Level 5 | IC 460-1009321/5 | 4F0011527.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 4184046 | 36862094 | 68881270 | 98223504 | 163212536 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 5006694 | 42296412 | 81690979 | 118106777 | 189181895 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 6841630 | 48998294 | 89906153 | 128290042 | 207074332 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 6094471 | 44755420 | 80688176 | 114173672 | 181535452 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 2456451 | 27182484 | 50535162 | 71773571 | 112758060 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 05:36:43 ALS Bottle#: 10 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-001
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:41:57 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 05:52:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 62521524 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 147671004 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | Ma |
| 1 | 4.905 | 4.903 | 0.002 | 610957 | 50.0 | 51.4 | M |
| 1 | 5.503 | 5.503 | 0.000 | 2263698 | 50.0 | 57.1 | M |
| 1 | 5.792 | 5.792 | 0.000 | 1793145 | 50.0 | 57.0 | M |
| 1 | 6.064 | 6.064 | 0.000 | 1061615 | 50.0 | 40.3 | M |
| 1 | 6.493 | 6.489 | 0.004 | 2233068 | 50.0 | 51.0 | M |
| | | Average of Peak Amounts = | | | | 51.4 | |
| 2 | 4.912 | 4.913 | -0.001 | 4184046 | 50.0 | 52.9 | M |
| 2 | 4.973 | 4.973 | 0.000 | 5006694 | 50.0 | 53.7 | M |
| 2 | 5.291 | 5.289 | 0.002 | 6841630 | 50.0 | 63.0 | M |
| 2 | 5.623 | 5.619 | 0.004 | 6094471 | 50.0 | 62.8 | M |
| 2 | 5.789 | 5.789 | 0.000 | 2456451 | 50.0 | 44.7 | M |
| | | Average of Peak Amounts = | | | | 55.4 | |
| | | | | | | RPD = 7.62 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

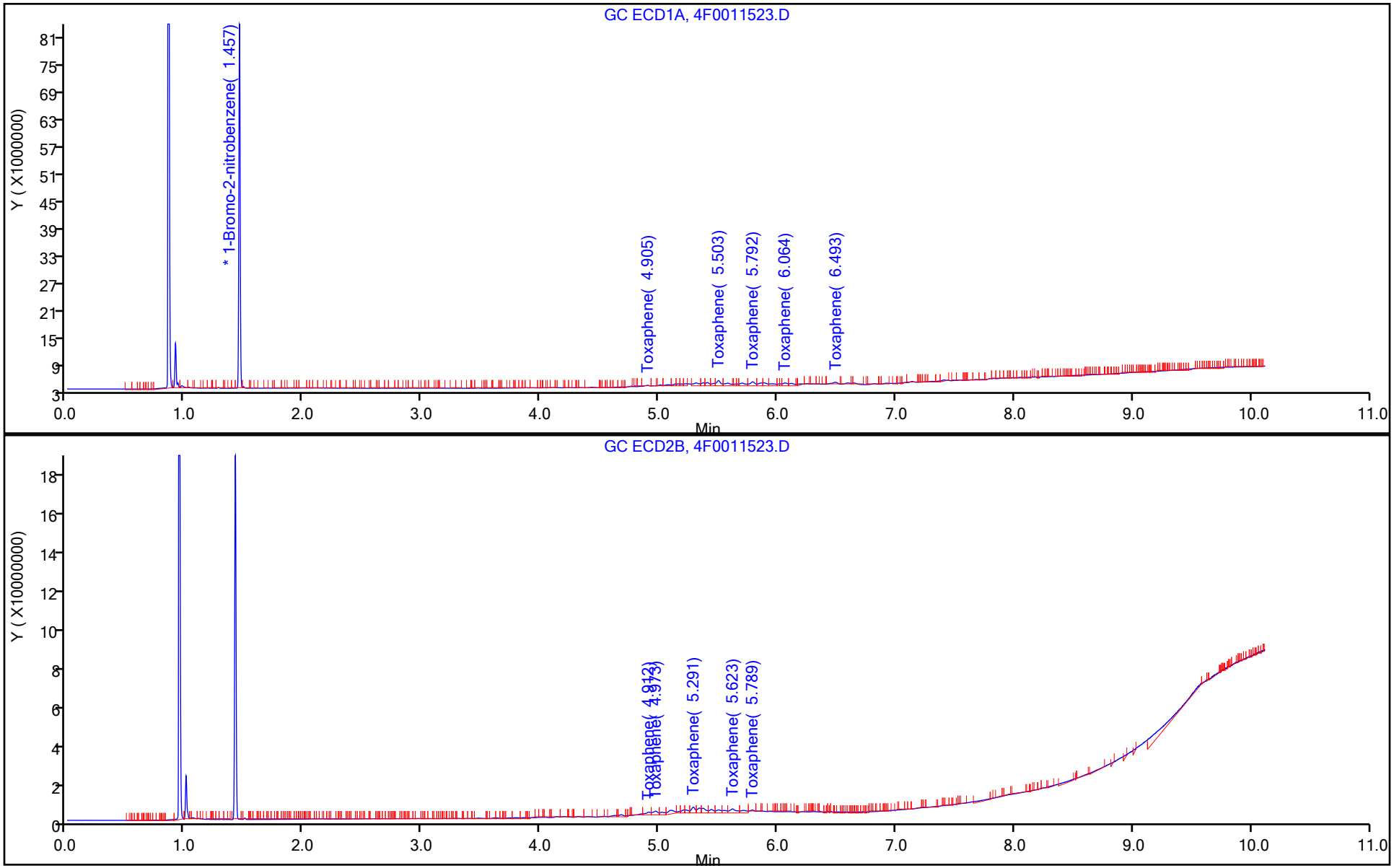
| | | | | |
|---|---|---|---|---|
| SGTOXAPHENEL1_00013 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:41:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:36:43 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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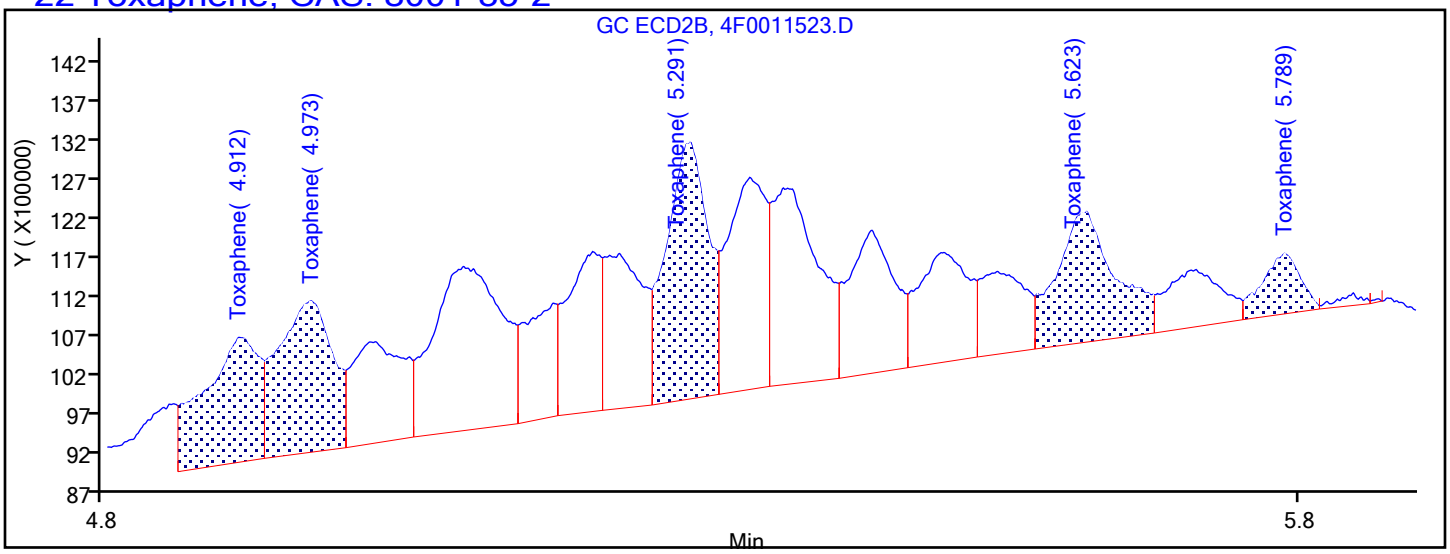
Report Date: 02-Dec-2024 04:41:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

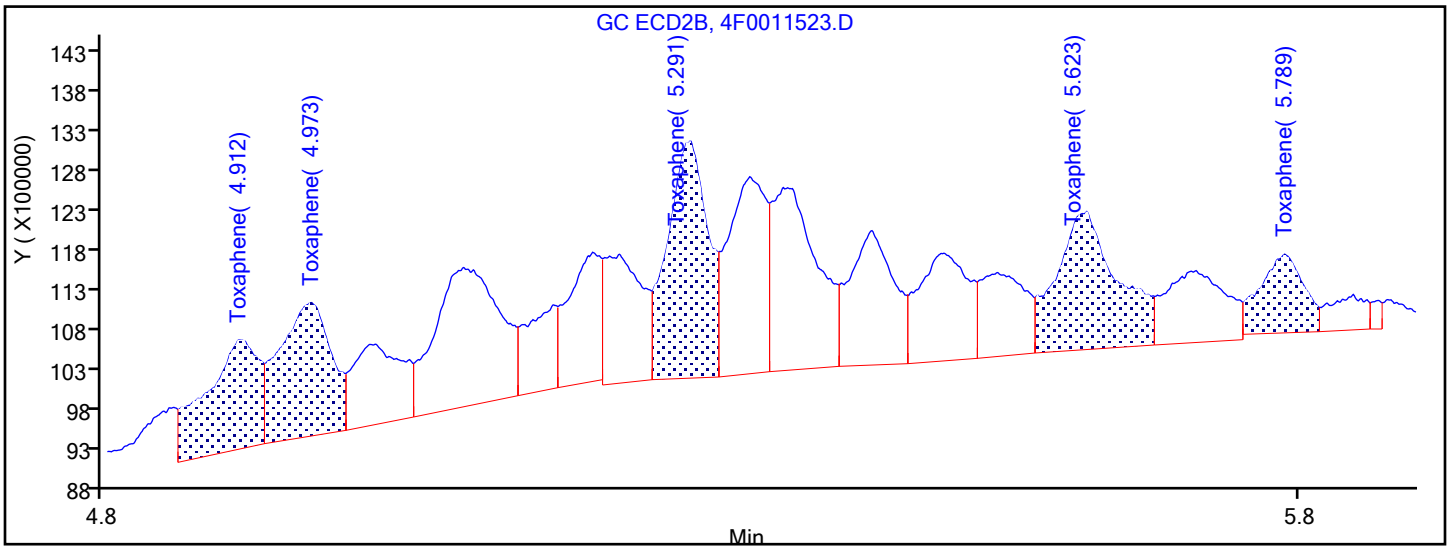
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011523.D
Injection Date: 27-Nov-2024 05:36:43 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.912 | Response = 5041105 |
| 4.973 | Response = 6019775 |
| 5.291 | Response = 7841389 |
| 5.623 | Response = 5711701 |
| 5.789 | Response = 1734445 |




Manual Integration Results

| | | |
|---|---|---|
| 4.912 | Response = 4184046 | M |
| 4.973 | Response = 5006694 | M |
| 5.291 | Response = 6841630 | M |
| 5.623 | Response = 6094471 | M |
| 5.789 | Response = 2456451 | M |

Reviewer: ESS0, 27-Nov-2024 06:35:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 05:52:34 ALS Bottle#: 11 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-002
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:41:54 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:23:56

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 57754438 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 135113661 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.903 | 4.903 | 0.000 | 5660257 | 500.0 | 515.0 | M |
| 1 | 5.503 | 5.503 | 0.000 | 19031724 | 500.0 | 519.7 | M |
| 1 | 5.793 | 5.792 | 0.001 | 14723817 | 500.0 | 507.0 | M |
| 1 | 6.064 | 6.064 | 0.000 | 12861679 | 500.0 | 528.9 | M |
| 1 | 6.493 | 6.489 | 0.004 | 20322648 | 500.0 | 502.3 | M |
| | | Average of Peak Amounts = | | | | 514.6 | |
| 2 | 4.913 | 4.913 | 0.000 | 36862094 | 500.0 | 509.5 | M |
| 2 | 4.972 | 4.973 | -0.001 | 42296412 | 500.0 | 496.1 | M |
| 2 | 5.289 | 5.289 | 0.000 | 48998294 | 500.0 | 493.2 | M |
| 2 | 5.621 | 5.619 | 0.002 | 44755420 | 500.0 | 503.9 | M |
| 2 | 5.788 | 5.789 | -0.001 | 27182484 | 500.0 | 540.8 | M |
| | | Average of Peak Amounts = | | | | 508.7 | |
| | | | | | | RPD = 1.15 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

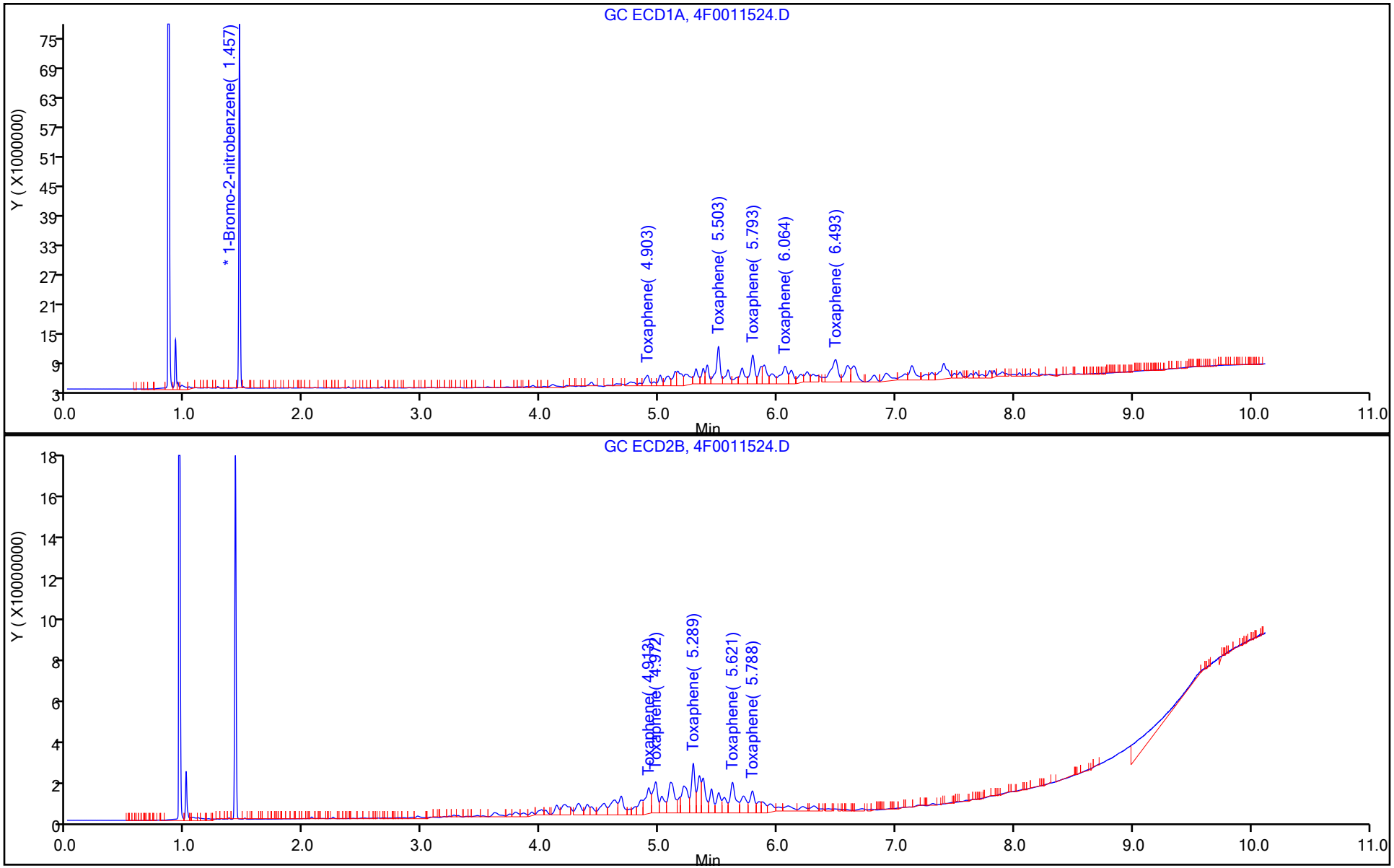
SGTOXAPHENEL3_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:41:54 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:52:34 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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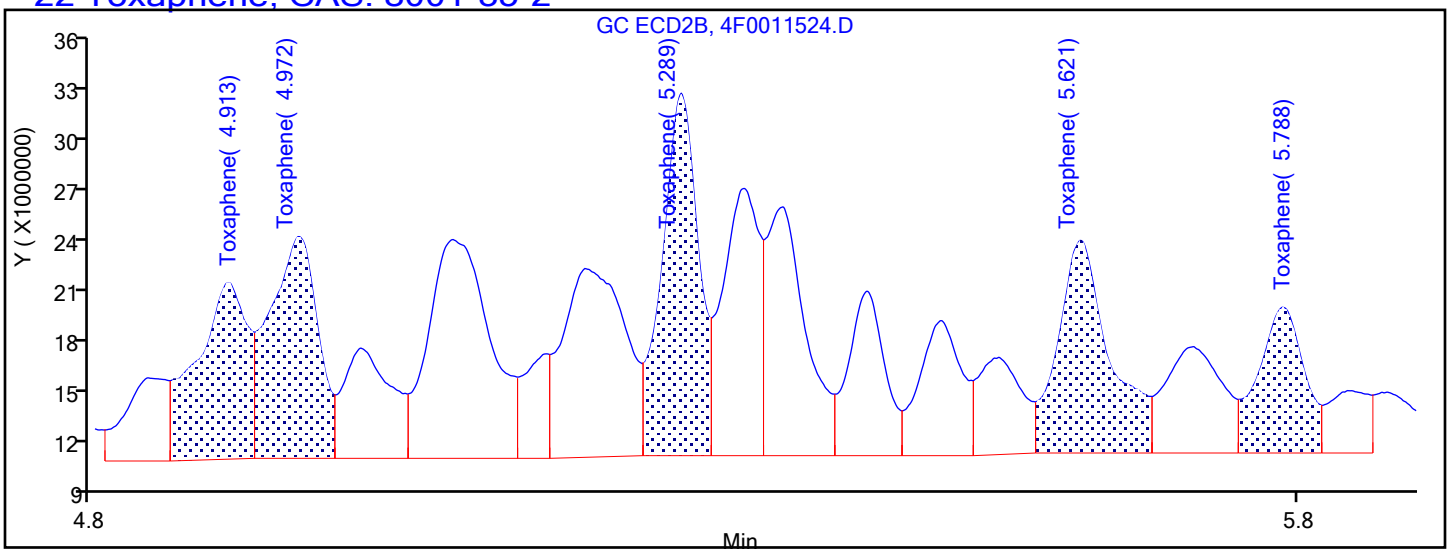
Report Date: 02-Dec-2024 04:41:54 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

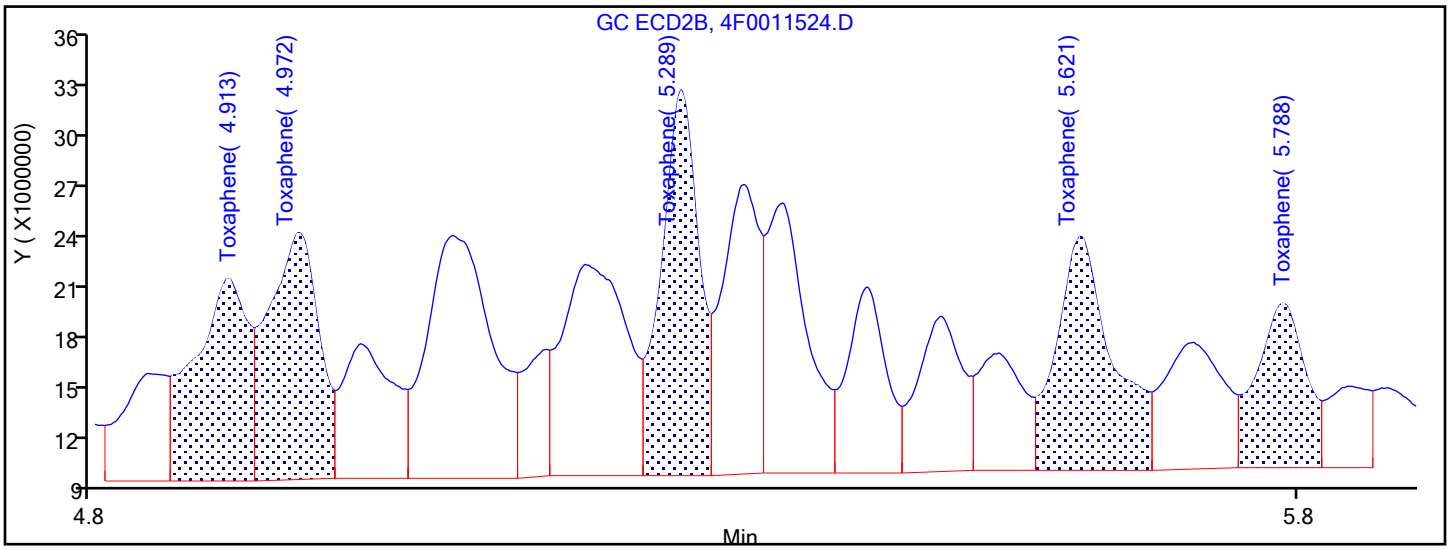
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011524.D
Injection Date: 27-Nov-2024 05:52:34 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.913 | Response = 30494176 |
| 4.972 | Response = 36339186 |
| 5.289 | Response = 44359045 |
| 5.621 | Response = 37629972 |
| 5.788 | Response = 22336311 |




Manual Integration Results

| | | |
|---|---|---|
| 4.913 | Response = 36862094 | M |
| 4.972 | Response = 42296412 | M |
| 5.289 | Response = 48998294 | M |
| 5.621 | Response = 44755420 | M |
| 5.788 | Response = 27182484 | M |

Reviewer: ESS0, 27-Nov-2024 06:23:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 27-Nov-2024 06:08:22 ALS Bottle#: 12 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:00 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:34:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 52633882 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 122047658 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.903 | 4.903 | 0.000 | 10309214 | 1000.0 | 1029.3 | M |
| 1 | 5.503 | 5.503 | 0.000 | 33091209 | 1000.0 | 991.5 | M |
| 1 | 5.792 | 5.792 | 0.000 | 25937952 | 1000.0 | 980.1 | M |
| 1 | 6.064 | 6.064 | 0.000 | 23361462 | 1000.0 | 1054.2 | M |
| 1 | 6.489 | 6.489 | 0.000 | 36953497 | 1000.0 | 1002.2 | M |
| | | Average of Peak Amounts = | | | | 1011.4 | |
| 2 | 4.913 | 4.913 | 0.000 | 68881270 | 1000.0 | 1054.0 | M |
| 2 | 4.973 | 4.973 | 0.000 | 81690979 | 1000.0 | 1060.8 | M |
| 2 | 5.289 | 5.289 | 0.000 | 89906153 | 1000.0 | 1001.8 | M |
| 2 | 5.619 | 5.619 | 0.000 | 80688176 | 1000.0 | 1005.7 | M |
| 2 | 5.789 | 5.789 | 0.000 | 50535162 | 1000.0 | 1113.0 | M |
| | | Average of Peak Amounts = | | | | 1047.1 | |
| | | | | | | RPD = 3.46 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

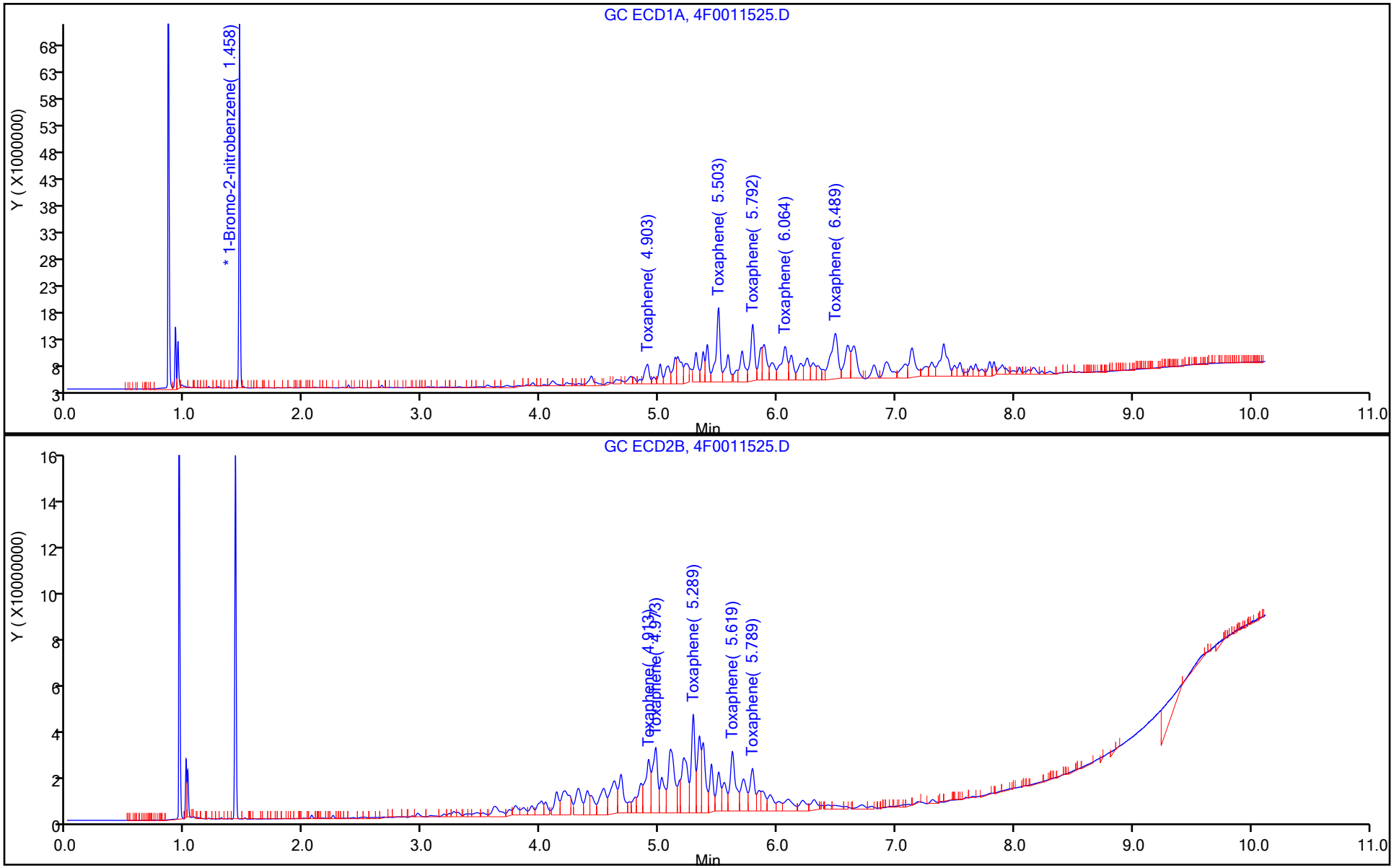
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:01 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:08:22 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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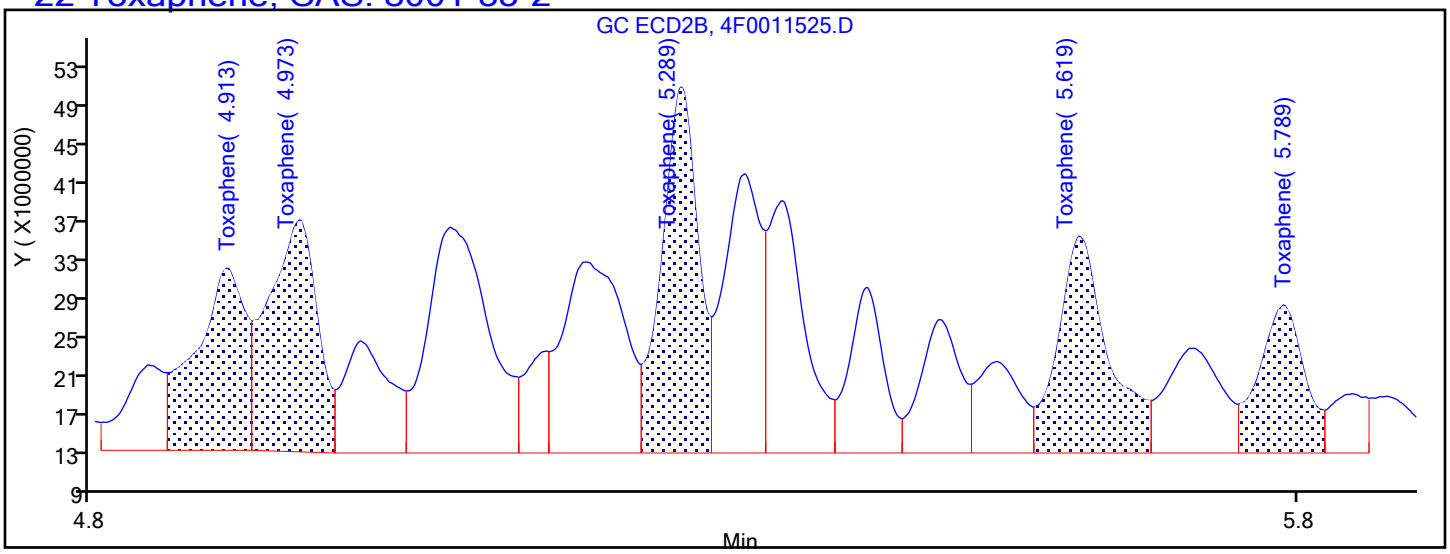
Report Date: 02-Dec-2024 04:42:01 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

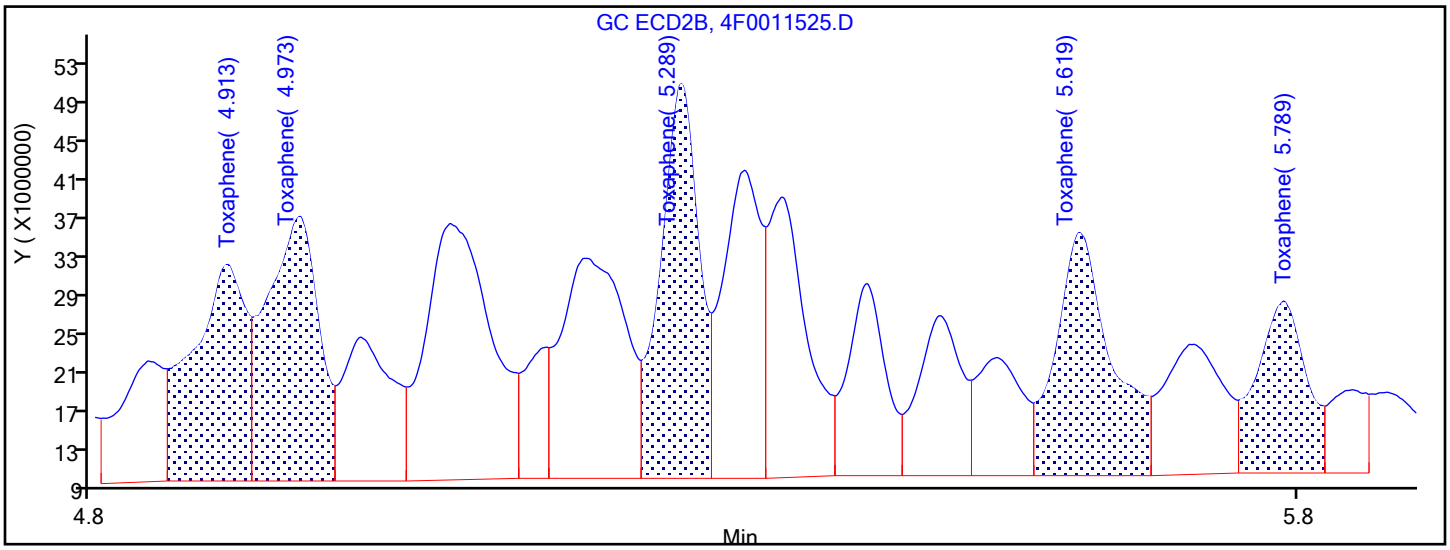
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011525.D
Injection Date: 27-Nov-2024 06:08:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.913 | Response = 54155511 |
| 4.973 | Response = 67473675 |
| 5.289 | Response = 79199356 |
| 5.619 | Response = 65123739 |
| 5.789 | Response = 39873893 |




Manual Integration Results

| | | |
|---|---|---|
| 4.913 | Response = 68881270 | M |
| 4.973 | Response = 81690979 | M |
| 5.289 | Response = 89906153 | M |
| 5.619 | Response = 80688176 | M |
| 5.789 | Response = 50535162 | M |

Reviewer: ESS0, 27-Nov-2024 06:39:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 06:24:12 ALS Bottle#: 13 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:03 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 06:40:02

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 55949148 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 131803660 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.902 | 4.903 | -0.001 | 14903720 | 1500.0 | 1399.8 | M |
| 1 | 5.503 | 5.503 | 0.000 | 48605709 | 1500.0 | 1370.1 | M |
| 1 | 5.792 | 5.792 | 0.000 | 38743194 | 1500.0 | 1377.2 | M |
| 1 | 6.065 | 6.064 | 0.001 | 36166563 | 1500.0 | 1535.4 | M |
| 1 | 6.489 | 6.489 | 0.000 | 56656038 | 1500.0 | 1445.4 | M |
| | | Average of Peak Amounts = | | | | 1425.6 | |
| 2 | 4.914 | 4.913 | 0.001 | 98223504 | 1500.0 | 1391.8 | M |
| 2 | 4.972 | 4.973 | -0.001 | 118106777 | 1500.0 | 1420.2 | M |
| 2 | 5.289 | 5.289 | 0.000 | 128290042 | 1500.0 | 1323.7 | M |
| 2 | 5.621 | 5.619 | 0.002 | 114173672 | 1500.0 | 1317.8 | M |
| 2 | 5.790 | 5.789 | 0.001 | 71773571 | 1500.0 | 1463.7 | M |
| | | Average of Peak Amounts = | | | | 1383.5 | |
| | | | | | | RPD = 3.00 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

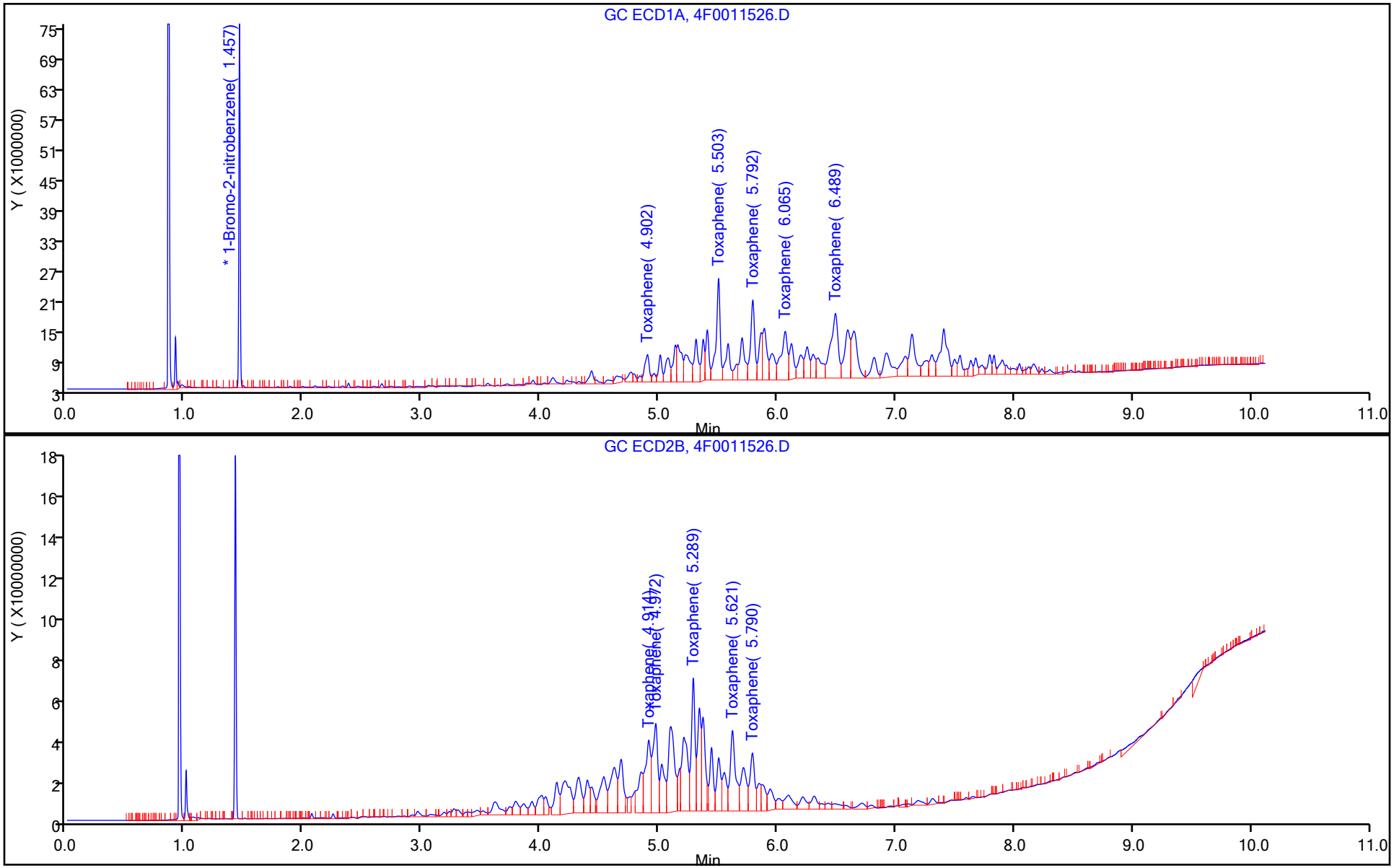
SGTOXAPHENEL5_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:04 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:24:12 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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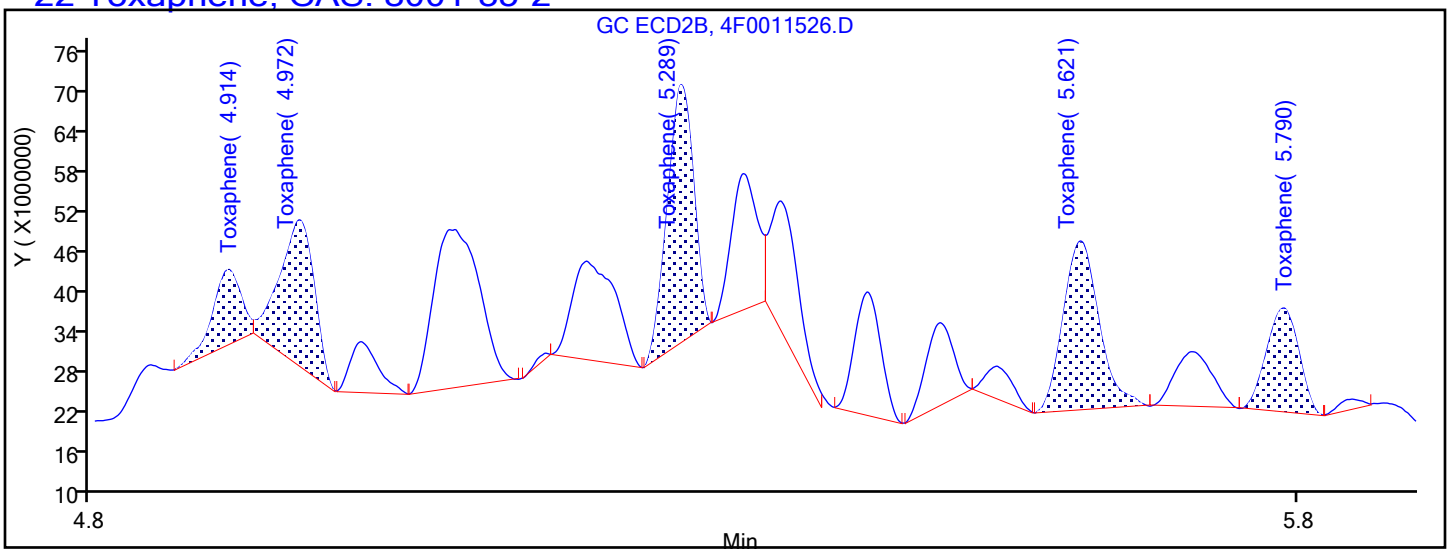
Report Date: 02-Dec-2024 04:42:04 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

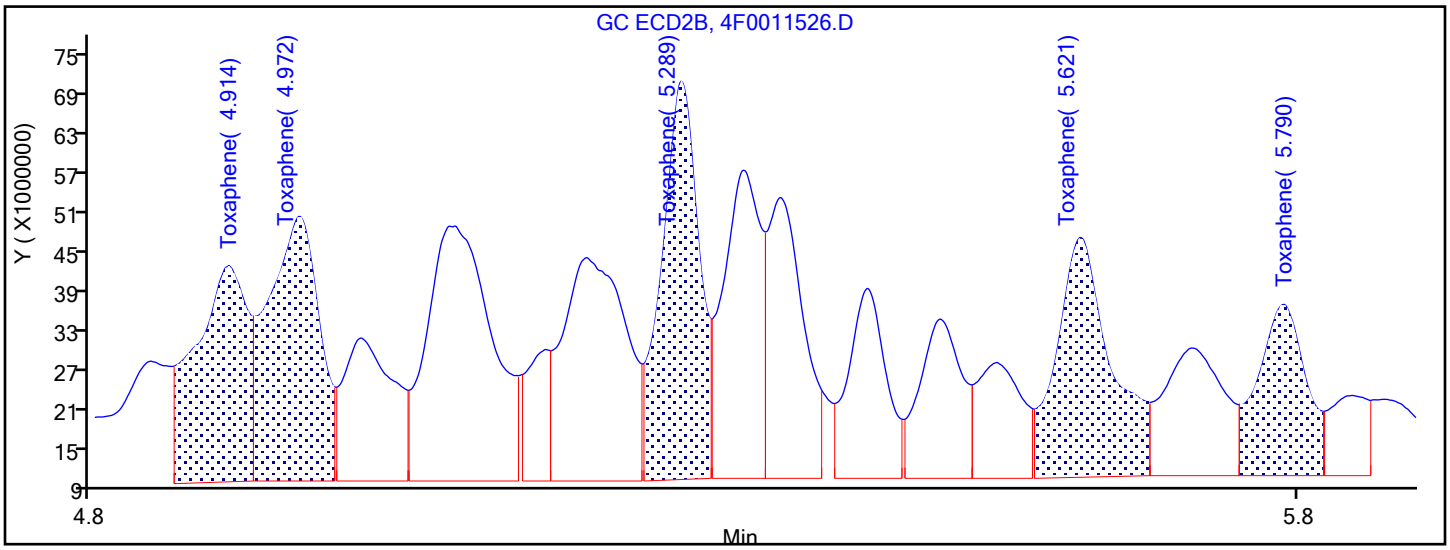
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011526.D
Injection Date: 27-Nov-2024 06:24:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.914 | Response = 18878300 |
| 4.972 | Response = 43370110 |
| 5.289 | Response = 58963010 |
| 5.621 | Response = 52694652 |
| 5.790 | Response = 28985395 |




Manual Integration Results

| | | |
|---|---|---|
| 4.914 | Response = 98223504 | M |
| 4.972 | Response = 118106777 | M |
| 5.289 | Response = 128290042 | M |
| 5.621 | Response = 114173672 | M |
| 5.790 | Response = 71773571 | M |

Reviewer: ESS0, 27-Nov-2024 06:39:54 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 06:40:02 ALS Bottle#: 14 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 07:13:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.458 | -0.001 | 54376061 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.423 | -0.001 | 129614744 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.902 | 4.903 | -0.001 | 25365227 | 2500.0 | 2451.3 | M |
| 1 | 5.503 | 5.503 | 0.000 | 78765512 | 2500.0 | 2284.4 | M |
| 1 | 5.792 | 5.792 | 0.000 | 64720247 | 2500.0 | 2367.2 | M |
| 1 | 6.066 | 6.064 | 0.002 | 60535193 | 2500.0 | 2644.2 | M |
| 1 | 6.490 | 6.489 | 0.001 | 96190435 | 2500.0 | 2525.1 | M |
| | | Average of Peak Amounts = | | | | 2454.4 | |
| 2 | 4.913 | 4.913 | 0.000 | 163212536 | 2500.0 | 2351.7 | M |
| 2 | 4.972 | 4.973 | -0.001 | 189181895 | 2500.0 | 2313.3 | M |
| 2 | 5.290 | 5.289 | 0.001 | 207074332 | 2500.0 | 2172.7 | M |
| 2 | 5.620 | 5.619 | 0.001 | 181535452 | 2500.0 | 2130.6 | M |
| 2 | 5.790 | 5.789 | 0.001 | 112758060 | 2500.0 | 2338.4 | M |
| | | Average of Peak Amounts = | | | | 2261.4 | |
| | | | | | | RPD = 8.19 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

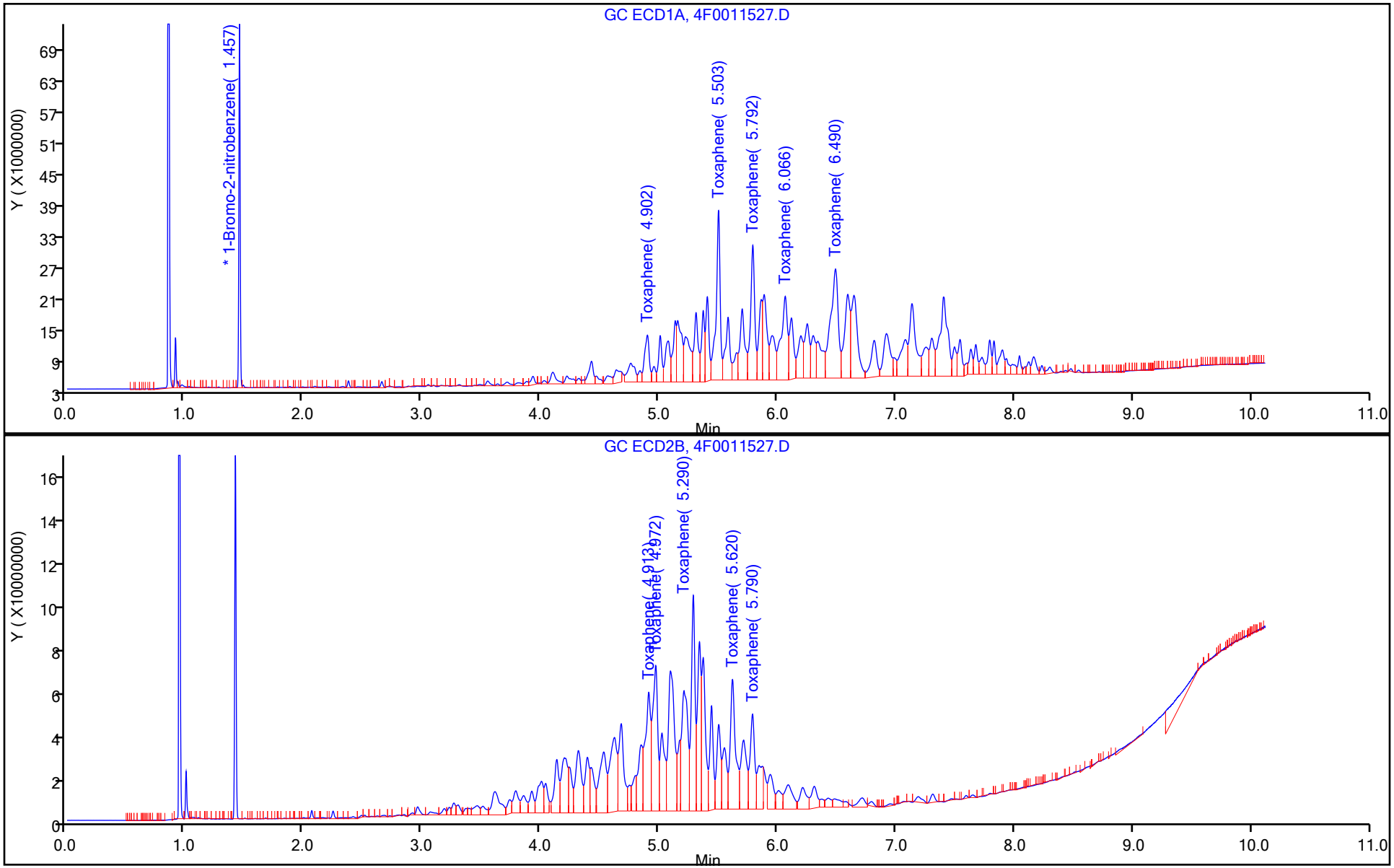
SGTOXAPHENEL6_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:42:07 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 06:40:02 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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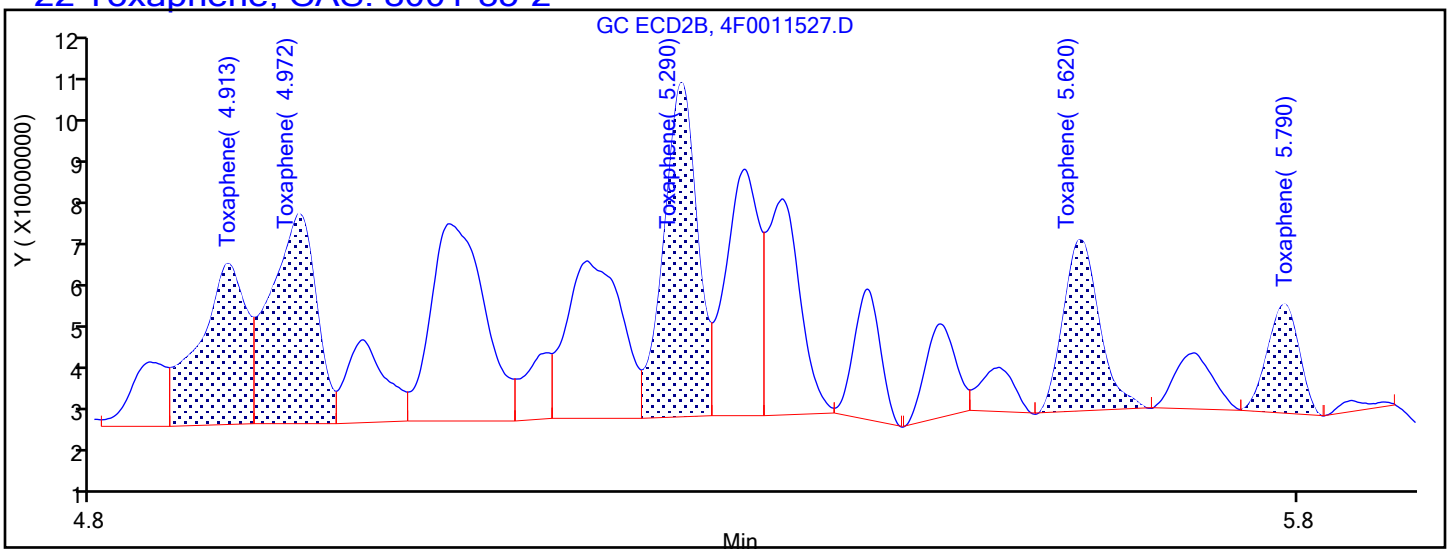
Report Date: 02-Dec-2024 04:42:07 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

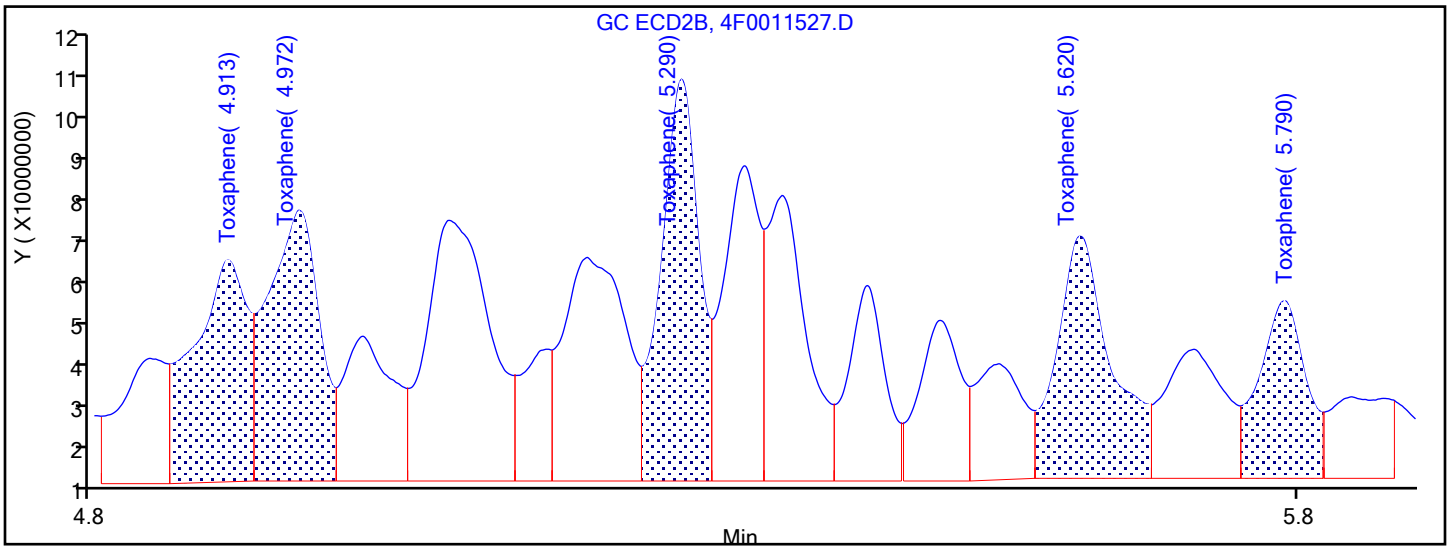
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011527.D
Injection Date: 27-Nov-2024 06:40:02 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.913 | Response = 103525703 |
| 4.972 | Response = 129767663 |
| 5.290 | Response = 151866103 |
| 5.620 | Response = 84507884 |
| 5.790 | Response = 46161372 |




Manual Integration Results

| | | |
|---|---|---|
| 4.913 | Response = 163212536 | M |
| 4.972 | Response = 189181895 | M |
| 5.290 | Response = 207074332 | M |
| 5.620 | Response = 181535452 | M |
| 5.790 | Response = 112758060 | M |

Reviewer: ESS0, 27-Nov-2024 07:13:21 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

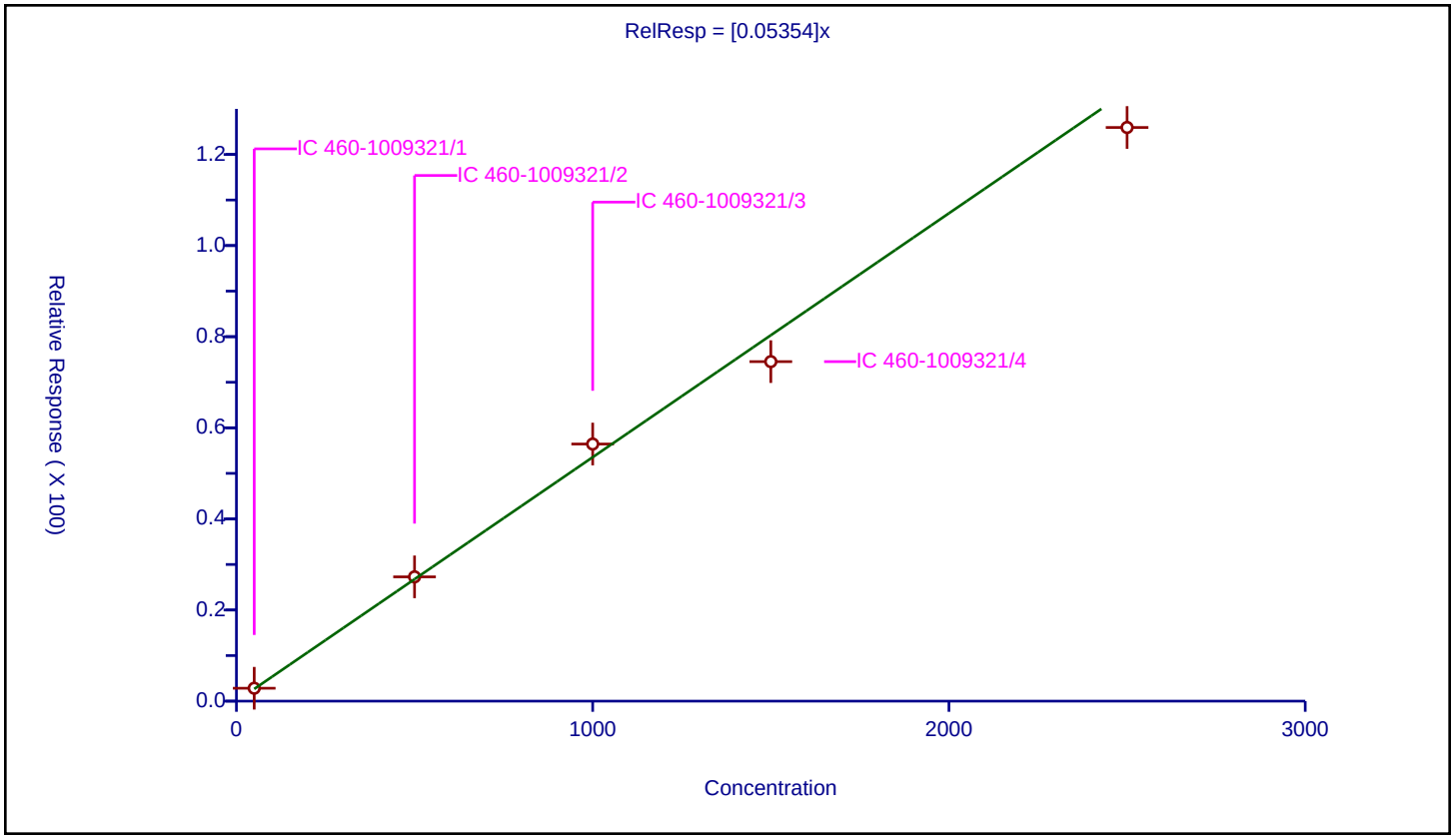
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05354 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 2.833357 | 100.0 | 147671004.0 | 0.056667 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 27.282285 | 100.0 | 135113661.0 | 0.054565 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 56.43801 | 100.0 | 122047658.0 | 0.056438 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 74.522592 | 100.0 | 131803660.0 | 0.049682 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 125.921273 | 100.0 | 129614744.0 | 0.050369 | Y |






2/14/2025
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## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

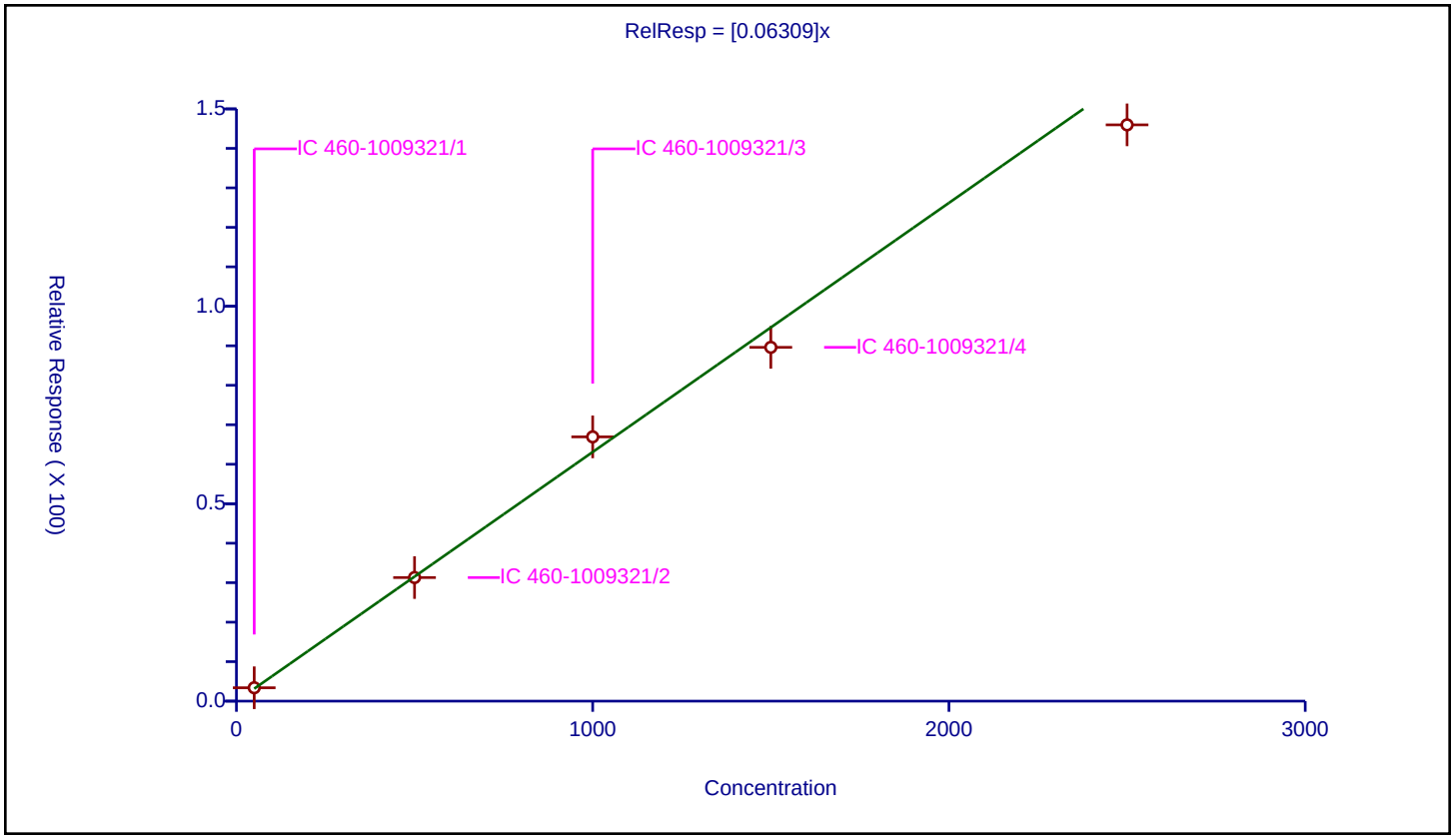
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06309 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 3.390438 | 100.0 | 147671004.0 | 0.067809 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 31.304319 | 100.0 | 135113661.0 | 0.062609 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 66.933672 | 100.0 | 122047658.0 | 0.066934 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 89.608116 | 100.0 | 131803660.0 | 0.059739 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 145.95708 | 100.0 | 129614744.0 | 0.058383 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

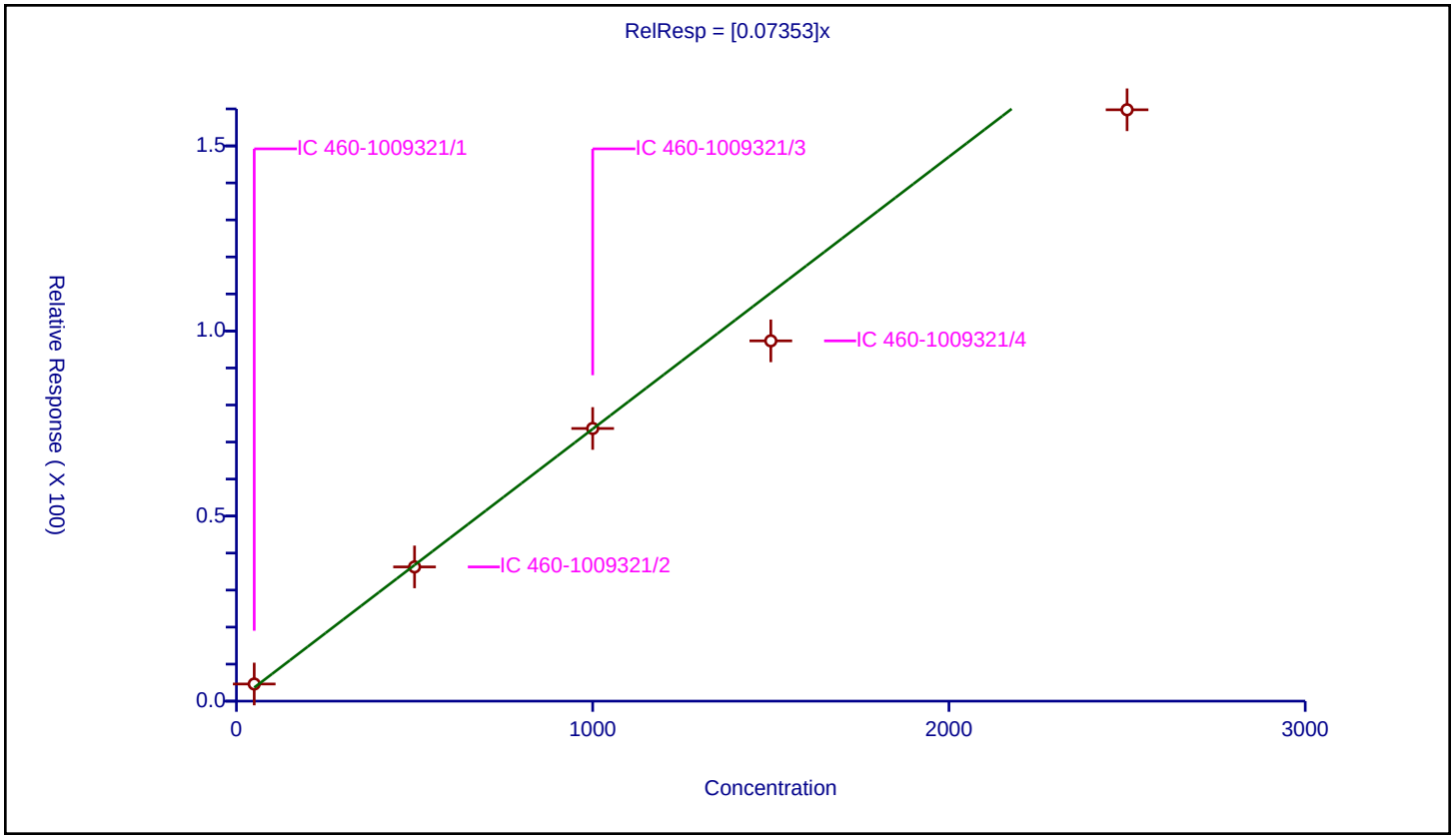
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07353 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 4.633022 | 100.0 | 147671004.0 | 0.09266 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 36.2645 | 100.0 | 135113661.0 | 0.072529 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 73.664792 | 100.0 | 122047658.0 | 0.073665 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 97.334203 | 100.0 | 131803660.0 | 0.064889 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 159.761402 | 100.0 | 129614744.0 | 0.063905 | Y |



## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

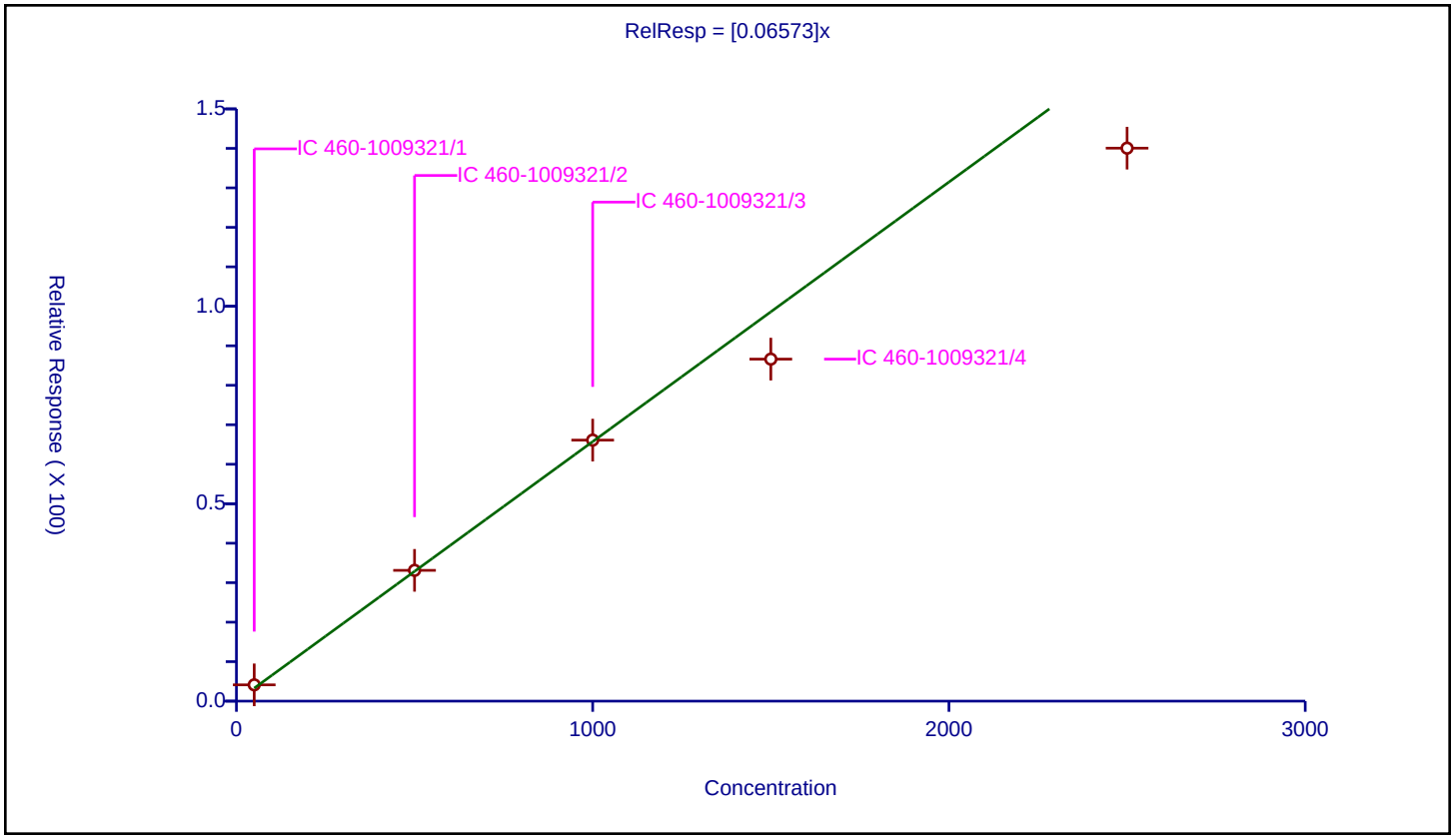
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06573 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 4.12706 | 100.0 | 147671004.0 | 0.082541 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 33.124275 | 100.0 | 135113661.0 | 0.066249 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 66.112023 | 100.0 | 122047658.0 | 0.066112 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 86.624053 | 100.0 | 131803660.0 | 0.057749 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 140.057718 | 100.0 | 129614744.0 | 0.056023 | Y |



## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

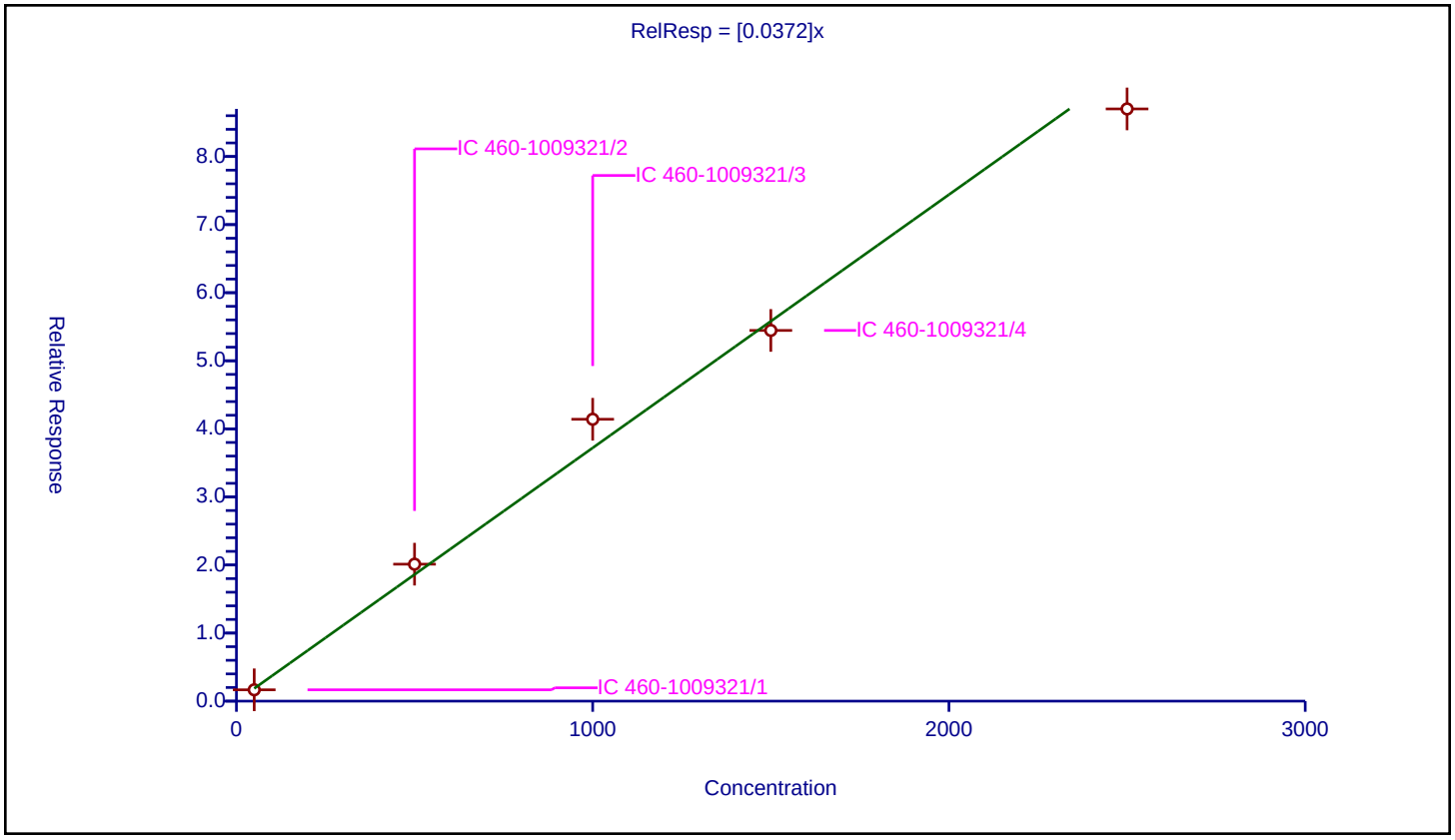
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0372 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009321/1 | 50.0 | 1.663462 | 100.0 | 147671004.0 | 0.033269 | Y |
| 2 | IC 460-1009321/2 | 500.0 | 20.118235 | 100.0 | 135113661.0 | 0.040236 | Y |
| 3 | IC 460-1009321/3 | 1000.0 | 41.406089 | 100.0 | 122047658.0 | 0.041406 | Y |
| 4 | IC 460-1009321/4 | 1500.0 | 54.454915 | 100.0 | 131803660.0 | 0.036303 | Y |
| 5 | IC 460-1009321/5 | 2500.0 | 86.994779 | 100.0 | 129614744.0 | 0.034798 | Y |



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1009324

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 08:16 Calibration End Date: 11/27/2024 09:20 Calibration ID: 99447

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009324/4 | 4F0011533.D |
| Level 2 | IC 460-1009324/5 | 4F0011534.D |
| Level 3 | ICIS 460-1009324/3 | 4F0011532.D |
| Level 4 | IC 460-1009324/6 | 4F0011535.D |
| Level 5 | IC 460-1009324/7 | 4F0011536.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.5625 | 1.6946 | 1.6136 | 1.6523 | 1.5376 | Ave | | 1.6121 | | | | 4.0 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.4463 | 1.5584 | 1.4717 | 1.5093 | 1.3993 | Ave | | 1.4770 | | | | 4.1 | | 20.0 | | | |
| beta-BHC | 0.7214 | 0.6820 | 0.6349 | 0.6378 | 0.5836 | Ave | | 0.6519 | | | | 8.0 | | 20.0 | | | |
| delta-BHC | 1.4488 | 1.5645 | 1.4993 | 1.5318 | 1.4259 | Ave | | 1.4941 | | | | 3.8 | | 20.0 | | | |
| Heptachlor | 1.6358 | 1.6183 | 1.5410 | 1.5593 | 1.4377 | Ave | | 1.5584 | | | | 5.0 | | 20.0 | | | |
| Aldrin | 1.5404 | 1.6258 | 1.5581 | 1.5861 | 1.4671 | Ave | | 1.5555 | | | | 3.8 | | 20.0 | | | |
| Heptachlor epoxide | 1.4686 | 1.4220 | 1.3254 | 1.3478 | 1.2324 | Ave | | 1.3592 | | | | 6.7 | | 20.0 | | | |
| trans-Chlordane | 1.4680 | 1.4297 | 1.3508 | 1.3974 | 1.2893 | Ave | | 1.3871 | | | | 5.0 | | 20.0 | | | |
| cis-Chlordane | 1.3959 | 1.3808 | 1.3101 | 1.3295 | 1.2362 | Ave | | 1.3305 | | | | 4.8 | | 20.0 | | | |
| Endosulfan I | 1.3062 | 1.3222 | 1.2598 | 1.2874 | 1.1552 | Ave | | 1.2662 | | | | 5.2 | | 20.0 | | | |
| 4,4'-DDE | 1.3631 | 1.4334 | 1.3559 | 1.4109 | 1.3037 | Ave | | 1.3734 | | | | 3.7 | | 20.0 | | | |
| Dieldrin | 1.4067 | 1.5111 | 1.4101 | 1.4510 | 1.3297 | Ave | | 1.4217 | | | | 4.7 | | 20.0 | | | |
| Endrin | 1.3979 | 1.3608 | 1.2700 | 1.2825 | 1.1792 | Ave | | 1.2981 | | | | 6.6 | | 20.0 | | | |
| 4,4'-DDD | 1.2263 | 1.2726 | 1.1837 | 1.2127 | 1.1851 | Ave | | 1.2161 | | | | 3.0 | | 20.0 | | | |
| Endosulfan II | 1.2961 | 1.2868 | 1.2025 | 1.1963 | 0.9478 | Ave | | 1.1859 | | | | 11.9 | | 20.0 | | | |
| 4,4'-DDT | 1.2279 | 1.3017 | 1.2089 | 1.2668 | 1.1608 | Ave | | 1.2332 | | | | 4.4 | | 20.0 | | | |
| Endrin aldehyde | 1.0313 | 1.0018 | 0.9135 | 0.9280 | 0.8441 | Ave | | 0.9437 | | | | 7.9 | | 20.0 | | | |
| Endosulfan sulfate | 1.4251 | 1.3549 | 1.2286 | 1.2477 | 1.1231 | Ave | | 1.2759 | | | | 9.2 | | 20.0 | | | |
| Methoxychlor | 0.7414 | 0.7487 | 0.6744 | 0.6972 | 0.6200 | Ave | | 0.6963 | | | | 7.6 | | 20.0 | | | |
| Mirex | 1.1855 | 1.1033 | 1.0165 | 1.0083 | 0.8900 | Ave | | 1.0407 | | | | 10.7 | | 20.0 | | | |
| Endrin ketone | 1.6057 | 1.5822 | 1.4287 | 1.4418 | 1.2829 | Ave | | 1.4683 | | | | 8.9 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.1487 | 1.0976 | 1.0935 | 1.1257 | 1.0422 | Ave | | 1.1015 | | | | 3.6 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.3161 | 1.1866 | 1.0943 | 1.1455 | 1.0199 | Ave | | 1.1525 | | | | 9.6 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009324

SDG No.:

Instrument ID: CPESTGC4 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 08:16 | Calibration End Date: 11/27/2024 09:20 | Calibration ID: 99447

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009324/4 | 4F0011533.D |
| Level 2 | IC 460-1009324/5 | 4F0011534.D |
| Level 3 | ICIS 460-1009324/3 | 4F0011532.D |
| Level 4 | IC 460-1009324/6 | 4F0011535.D |
| Level 5 | IC 460-1009324/7 | 4F0011536.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 2246392 | 50716335 | 91307858 | 248805086 | 457420691 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 2079407 | 46639757 | 83277241 | 227282268 | 416258780 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 1037154 | 20410255 | 35924266 | 96036897 | 173602923 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 2083002 | 46824470 | 84841085 | 230669801 | 424175259 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 2351885 | 48432553 | 87200728 | 234797094 | 427675113 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 2214740 | 48657648 | 88167685 | 238839302 | 436432771 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 2111440 | 42557184 | 74999352 | 202958026 | 366624819 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 2110636 | 42788072 | 76438483 | 210430719 | 383547580 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 2006977 | 41326577 | 74134086 | 200196580 | 367739864 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 1877922 | 39572312 | 71287171 | 193856585 | 343651619 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 1959718 | 42899468 | 76726959 | 212457912 | 387815299 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 2022494 | 45226286 | 79790047 | 218491058 | 395559462 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 2009765 | 40727808 | 71865670 | 193115995 | 350787986 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 1763076 | 38085989 | 66977908 | 182619535 | 352542885 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 1863506 | 38510848 | 68042954 | 180147919 | 281958718 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 1765358 | 38958826 | 68403956 | 190761532 | 345329895 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 1482721 | 29982702 | 51688644 | 139747958 | 251095925 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 2048963 | 40550553 | 69522582 | 187881027 | 334102804 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 1065937 | 22407168 | 38161402 | 104979702 | 184436808 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 1704393 | 33020677 | 57519488 | 151831555 | 264769122 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 2308581 | 47352494 | 80844675 | 217115416 | 381653788 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 4128720 | 32848456 | 61878243 | 101704539 | 124011503 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 4730644 | 35514375 | 61921905 | 103498891 | 121365351 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Lims ID: ICIS
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 27-Nov-2024 08:16:40 ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-001
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:18 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 08:32:39

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 56585586 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 131876887 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 61878243 | 100.0 | 99.3 | |
| 2 | 1.769 | 1.769 | 0.000 | 149751359 | 100.0 | 98.0 | |
| | | | | | | RPD = 1.24 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 91307858 | 100.0 | 100.1 | |
| 2 | 2.069 | 2.069 | 0.000 | 216810960 | 100.0 | 98.4 | |
| | | | | | | RPD = 1.68 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.664 | 2.664 | 0.000 | 83277241 | 100.0 | 99.6 | M |
| 2 | 2.256 | 2.256 | 0.000 | 197451299 | 100.0 | 98.8 | |
| | | | | | | RPD = 0.88 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.721 | 2.721 | 0.000 | 35924266 | 100.0 | 97.4 | M |
| 2 | 2.304 | 2.304 | 0.000 | 84085807 | 100.0 | 98.0 | |
| | | | | | | RPD = 0.67 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.008 | 3.008 | 0.000 | 84841085 | 100.0 | 100.4 | M |
| 2 | 2.426 | 2.426 | 0.000 | 201204994 | 100.0 | 99.6 | |
| | | | | | | RPD = 0.77 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.084 | 3.084 | 0.000 | 87200728 | 100.0 | 98.9 | M |
| 2 | 2.584 | 2.584 | 0.000 | 207350159 | 100.0 | 98.6 | |
| | | | | | | RPD = 0.26 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.444 | 3.444 | 0.000 | 88167685 | 100.0 | 100.2 | |
| 2 | 2.817 | 2.817 | 0.000 | 210100837 | 100.0 | 100.2 | |
| | | | | | | RPD = 0.01 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.121 | 4.121 | 0.000 | 74999352 | 100.0 | 97.5 | |
| 2 | 3.360 | 3.360 | 0.000 | 187473637 | 100.0 | 99.0 | |
| | | | | | | RPD = 1.49 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 76438483 | 100.0 | 97.4 | |
| 2 | 3.490 | 3.490 | 0.000 | 192331742 | 100.0 | 98.6 | |
| | | | | | | RPD = 1.20 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 74134086 | 100.0 | 98.5 | |
| 2 | 3.638 | 3.638 | 0.000 | 187595819 | 100.0 | 99.7 | M |
| | | | | | | RPD = 1.24 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.609 | 4.609 | 0.000 | 71287171 | 100.0 | 99.5 | |
| 2 | 3.786 | 3.786 | 0.000 | 178890578 | 100.0 | 99.9 | M |
| | | | | | | RPD = 0.36 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.749 | 4.749 | 0.000 | 76726959 | 100.0 | 98.7 | |
| 2 | 3.733 | 3.733 | 0.000 | 198280508 | 100.0 | 100.2 | M |
| | | | | | | RPD = 1.45 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 79790047 | 100.0 | 99.2 | |
| 2 | 4.039 | 4.039 | 0.000 | 202282448 | 100.0 | 100.5 | |
| | | | | | | RPD = 1.29 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.224 | 5.224 | 0.000 | 71865670 | 100.0 | 97.8 | |
| 2 | 4.284 | 4.284 | 0.000 | 182134648 | 100.0 | 99.8 | M |
| | | | | | | RPD = 1.95 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 66977908 | 100.0 | 97.3 | |
| 2 | 4.385 | 4.385 | 0.000 | 164245722 | 100.0 | 99.4 | M |
| | | | | | | RPD = 2.07 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.425 | 5.425 | 0.000 | 68042954 | 100.0 | 101.4 | |
| 2 | 4.547 | 4.547 | 0.000 | 163149969 | 100.0 | 102.8 | |
| | | | | | | RPD = 1.38 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.669 | 5.669 | 0.000 | 68403956 | 100.0 | 98.0 | |
| 2 | 4.722 | 4.722 | 0.000 | 164284457 | 100.0 | 98.5 | |
| | | | | | | RPD = 0.47 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.793 | 5.793 | 0.000 | 51688644 | 100.0 | 96.8 | |
| 2 | 4.994 | 4.994 | 0.000 | 128641075 | 100.0 | 95.6 | M |
| | | | | | | RPD = 1.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 69522582 | 100.0 | 96.3 | |
| 2 | 5.387 | 5.387 | 0.000 | 176485249 | 100.0 | 98.2 | M |
| | | | | | | RPD = 1.93 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.729 | 6.729 | 0.000 | 38161402 | 100.0 | 96.9 | |
| 2 | 5.221 | 5.221 | 0.000 | 90319951 | 100.0 | 98.5 | M |
| | | | | | | RPD = 1.65 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.879 | 6.879 | 0.000 | 57519488 | 100.0 | 97.7 | M |
| 2 | 5.282 | 5.282 | 0.000 | 133686706 | 100.0 | 99.1 | M |
| | | | | | | RPD = 1.48 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.984 | 6.984 | 0.000 | 80844675 | 100.0 | 97.3 | M |
| 2 | 5.637 | 5.637 | 0.000 | 195836633 | 100.0 | 97.4 | M |
| | | | | | | RPD = 0.08 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.219 | 8.219 | 0.000 | 61921905 | 100.0 | 94.9 | |
| 2 | 7.149 | 7.149 | 0.000 | 183332427 | 100.0 | 96.9 | |
| | | | | | | RPD = 2.03 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:19 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D

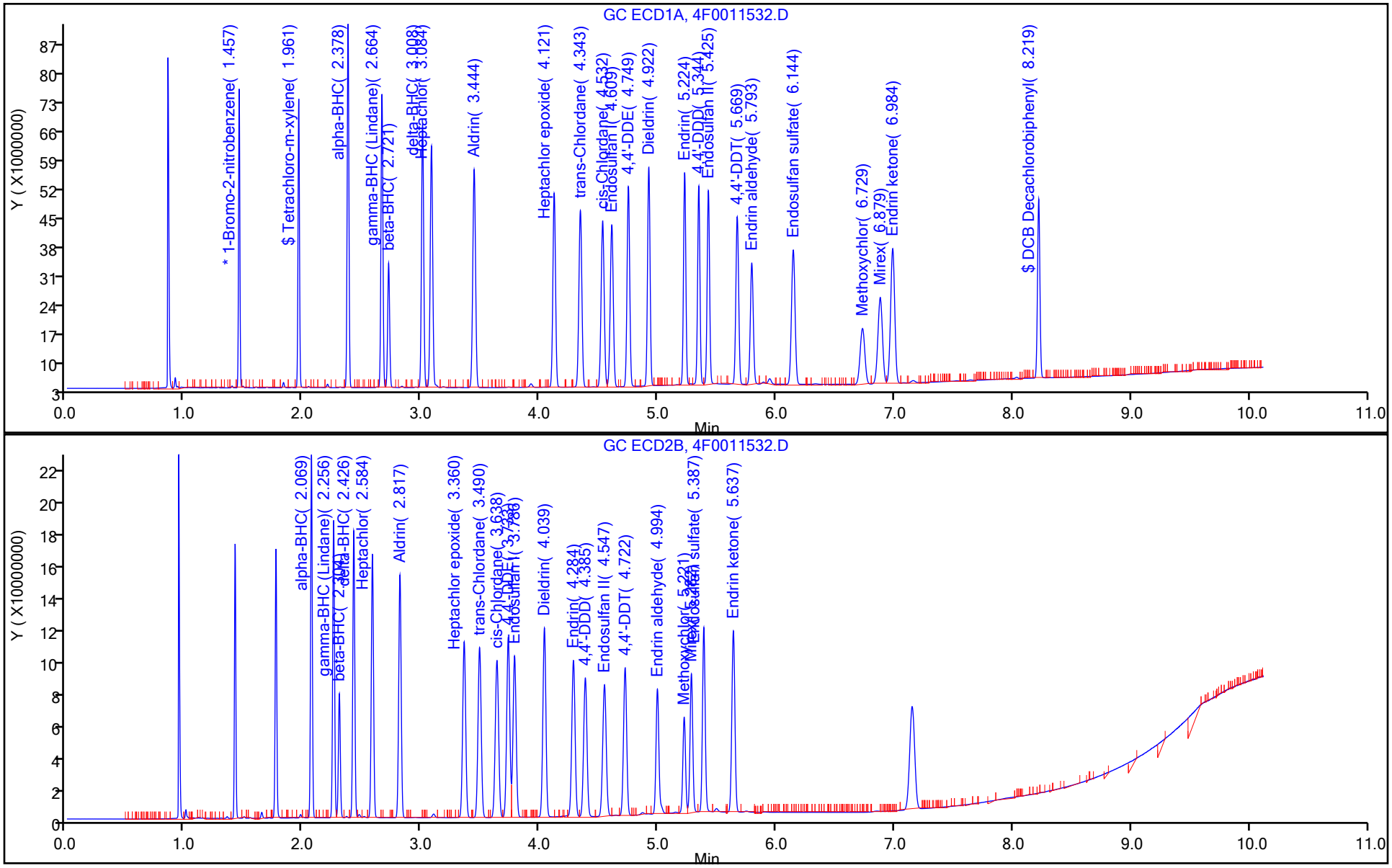
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 19

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

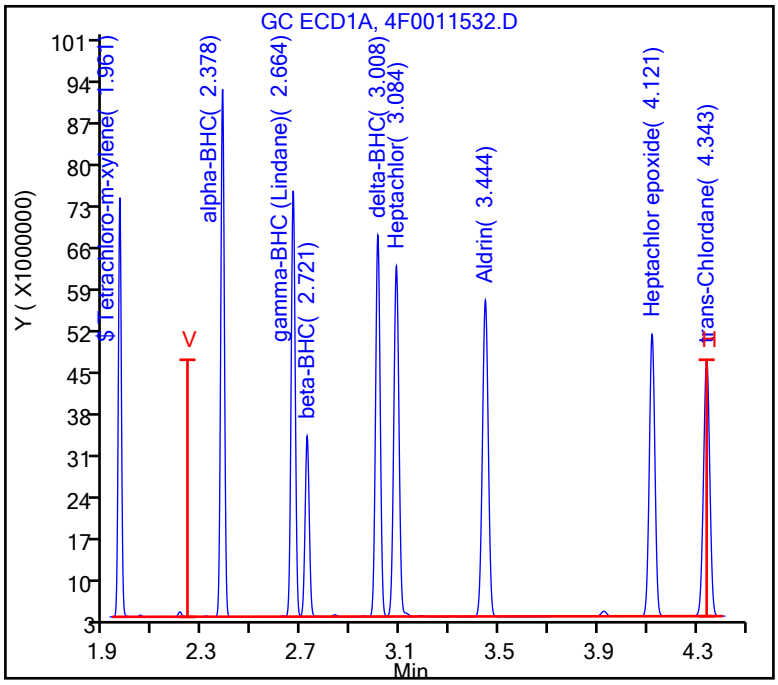
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 43124896
H(Smaller Peak Height) = 42994892

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

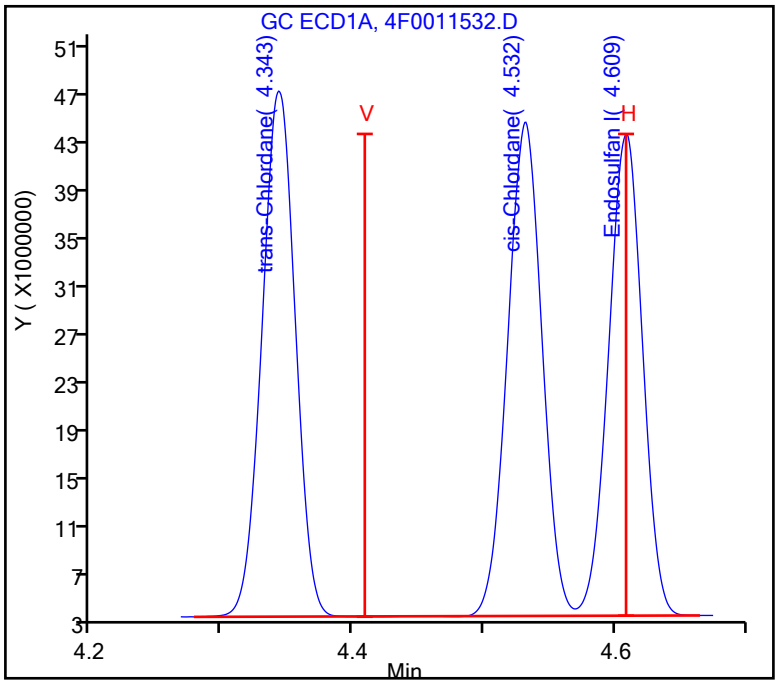
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 39488416
H(Smaller Peak Height) = 39402688

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

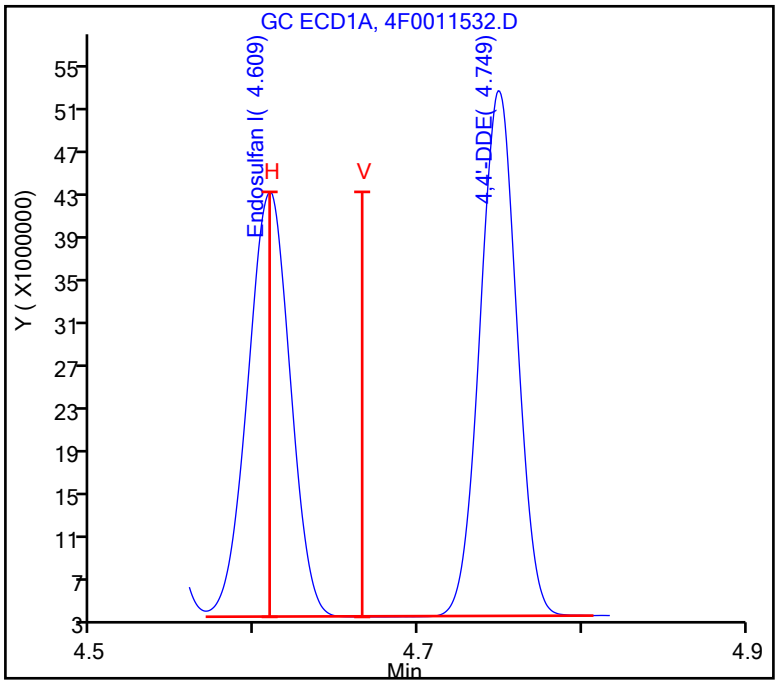
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 39385760
H(Smaller Peak Height) = 39380416

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

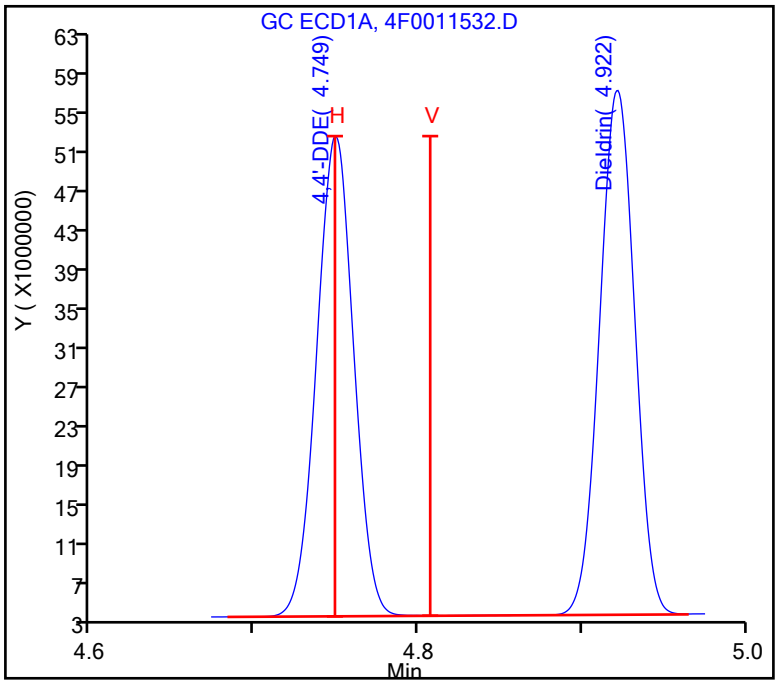
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 48627168
H(Smaller Peak Height) = 48693964

%Resolution = 99.9, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

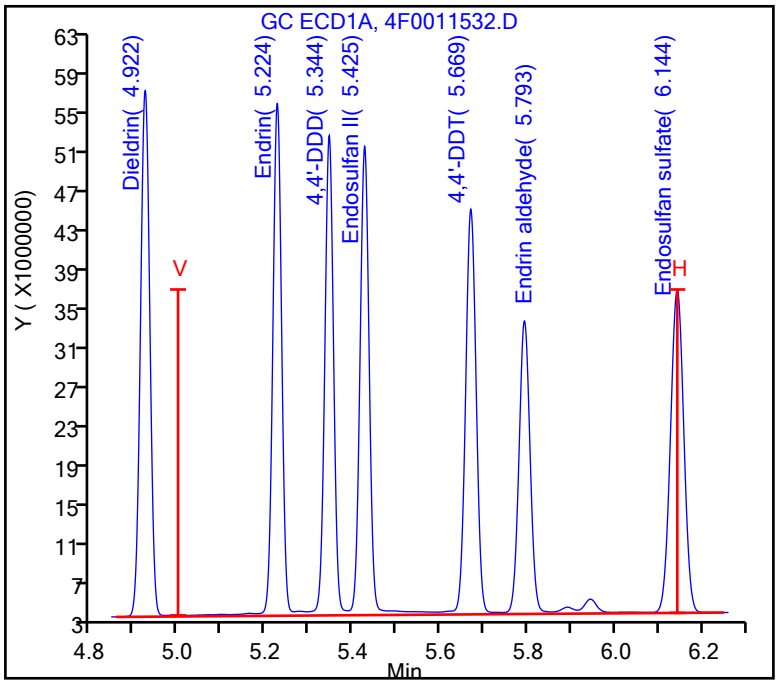
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 32968992
H(Smaller Peak Height) = 32709972

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

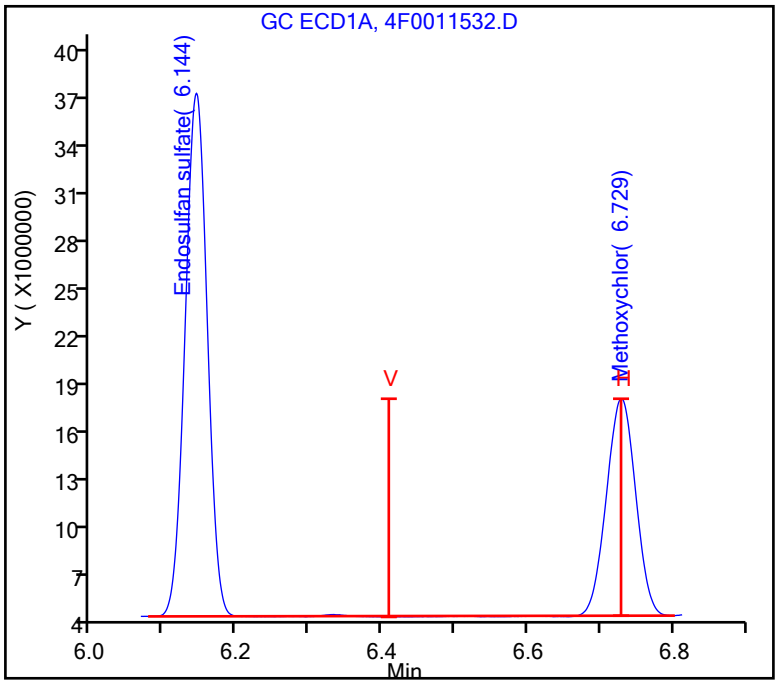
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 13623264
H(Smaller Peak Height) = 13546283

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

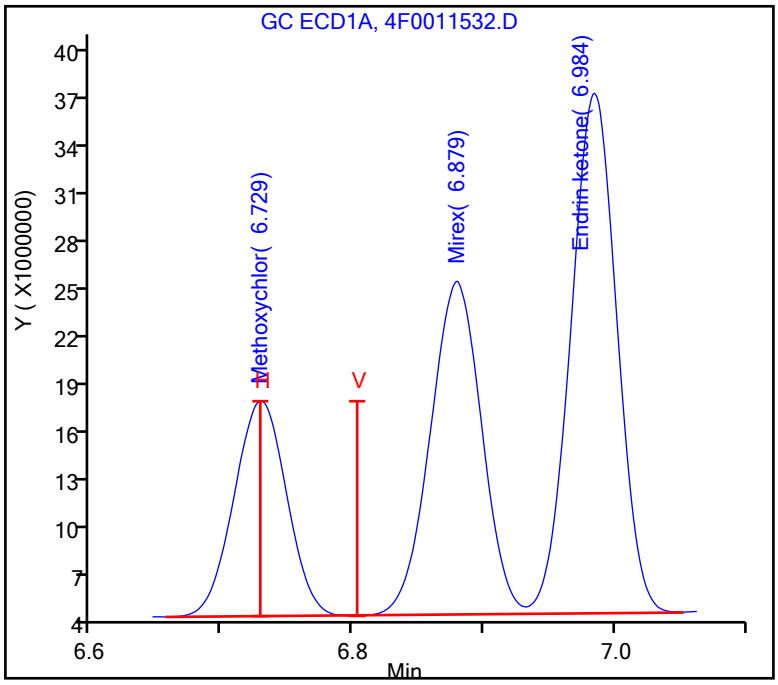
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 13541280
H(Smaller Peak Height) = 13557752

%Resolution = 99.9, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

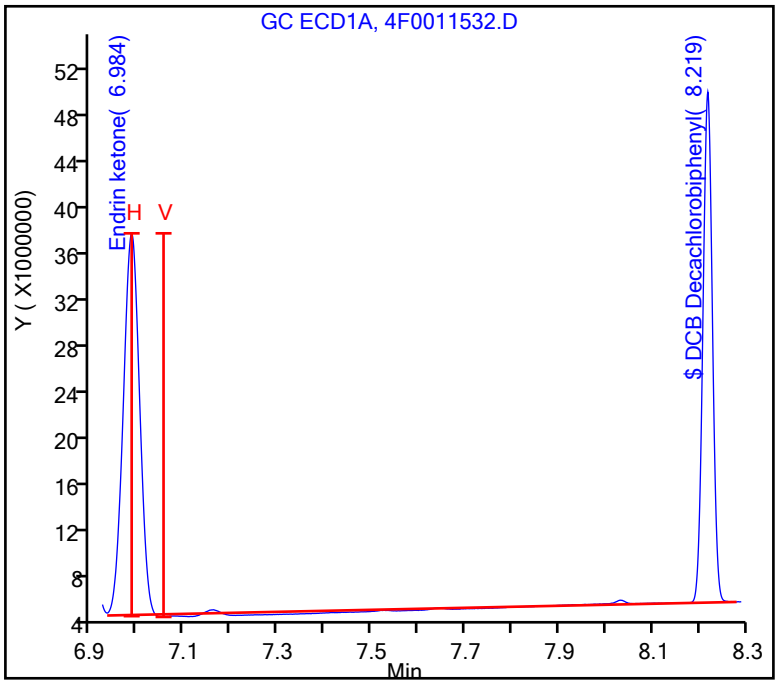
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 32729344
H(Smaller Peak Height) = 32797308

%Resolution = 99.8, Min. Resolution > 60.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

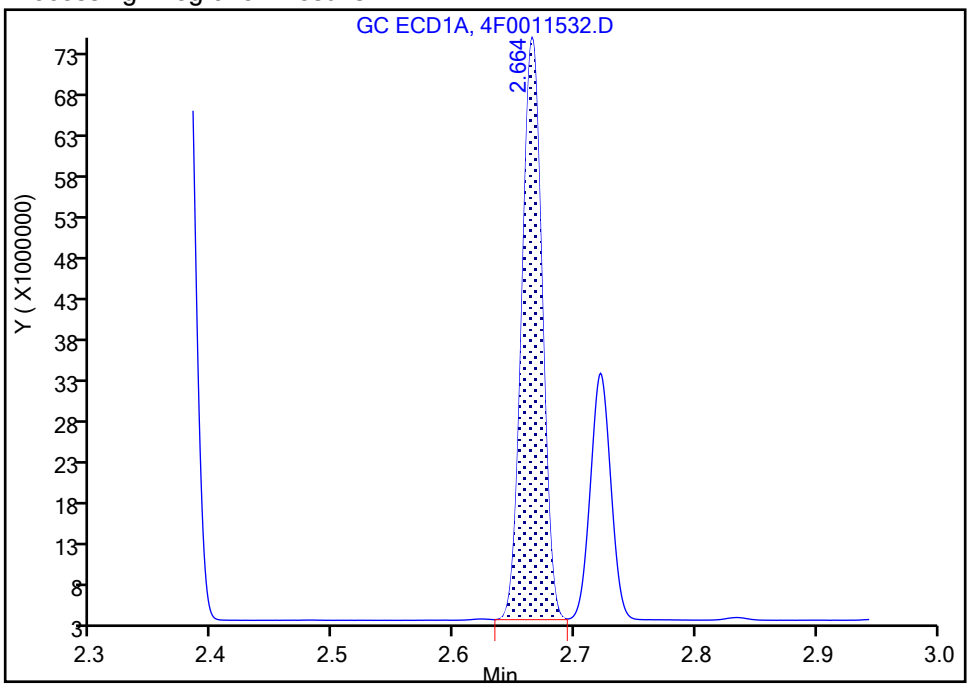
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D | | | | |
| Injection Date: | 27-Nov-2024 08:16:40 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | ICIS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 19 | Worklist Smp#: | 3 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

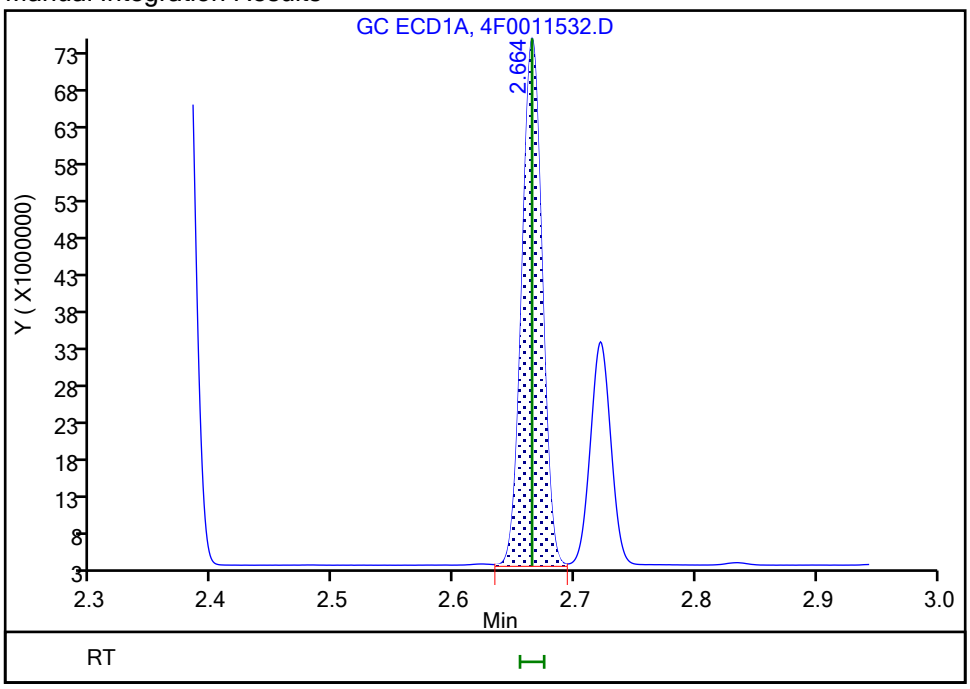
Processing Integration Results

RT: 2.66
Area: 83174812
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 2.66
Area: 83277241
Amount: 99.641483
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:31:54 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

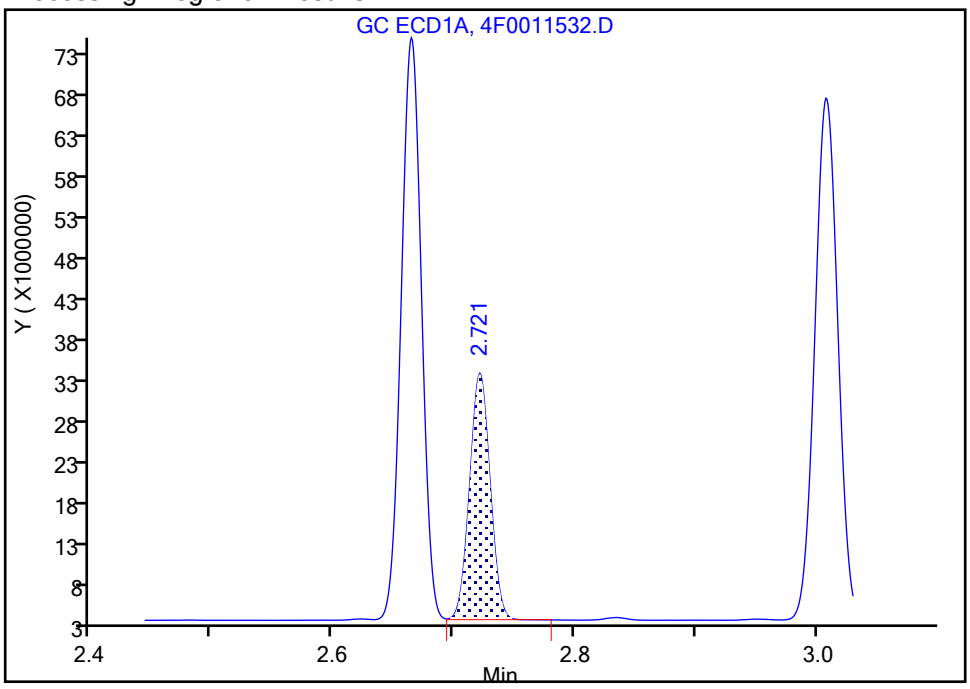
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

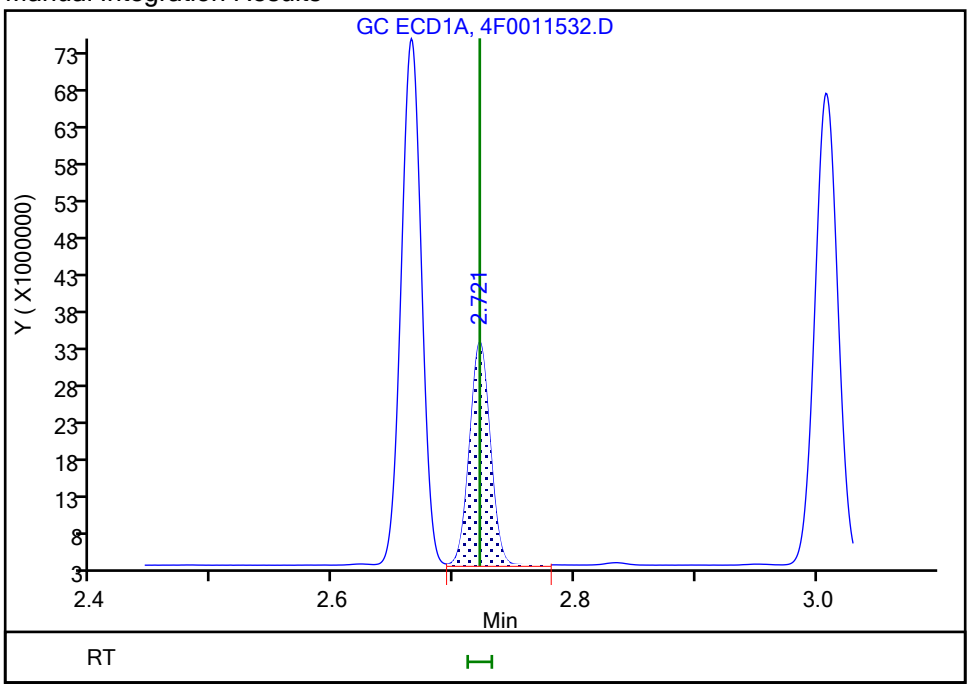
Processing Integration Results

RT: 2.72
Area: 35728736
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 2.72
Area: 35924266
Amount: 97.385500
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:31:54 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

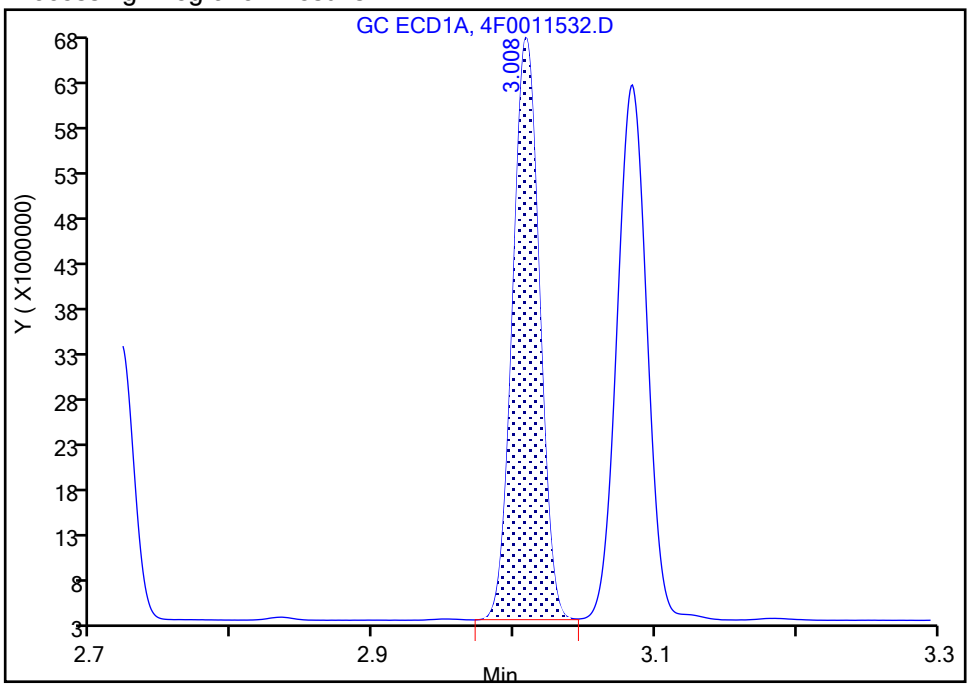
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

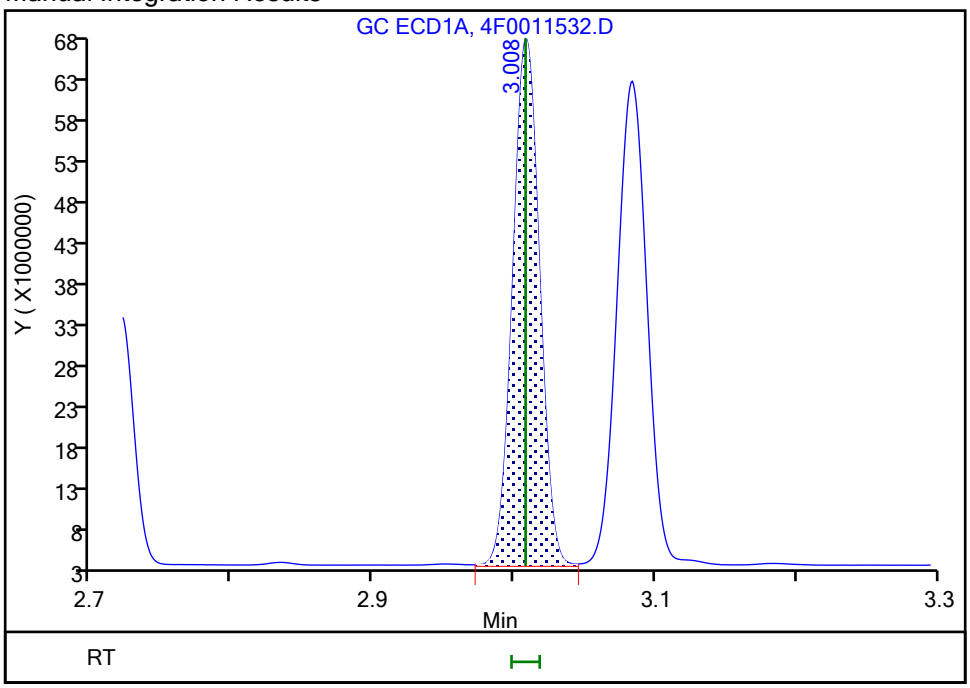
Processing Integration Results

RT: 3.01
Area: 84439700
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.01
Area: 84841085
Amount: 100.3519
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:31:56 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

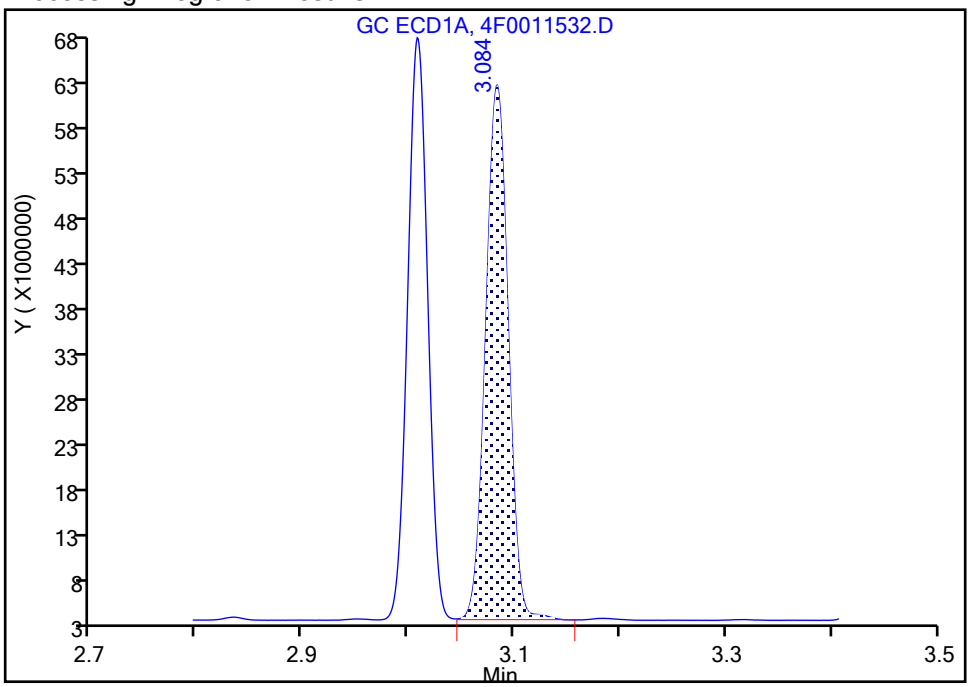
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

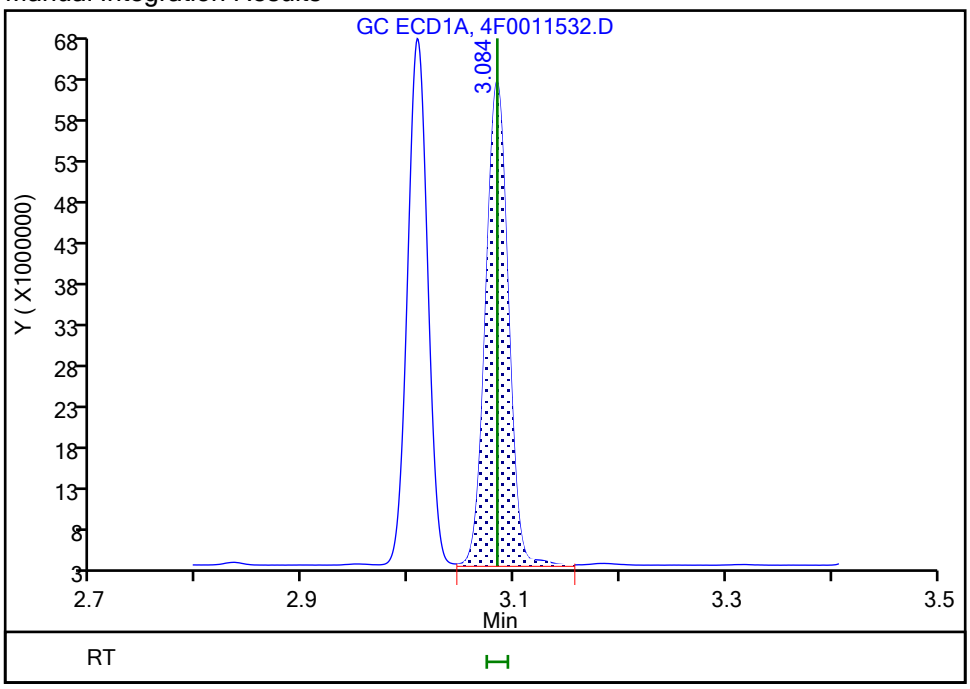
Processing Integration Results

RT: 3.08
Area: 86623724
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.08
Area: 87200728
Amount: 98.885655
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:31:56 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

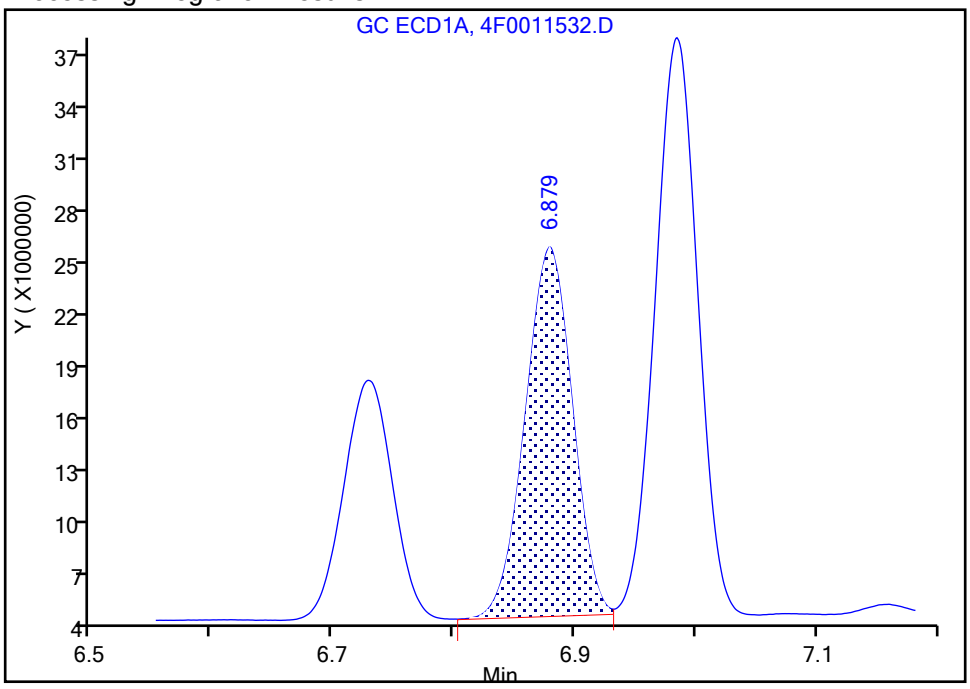
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

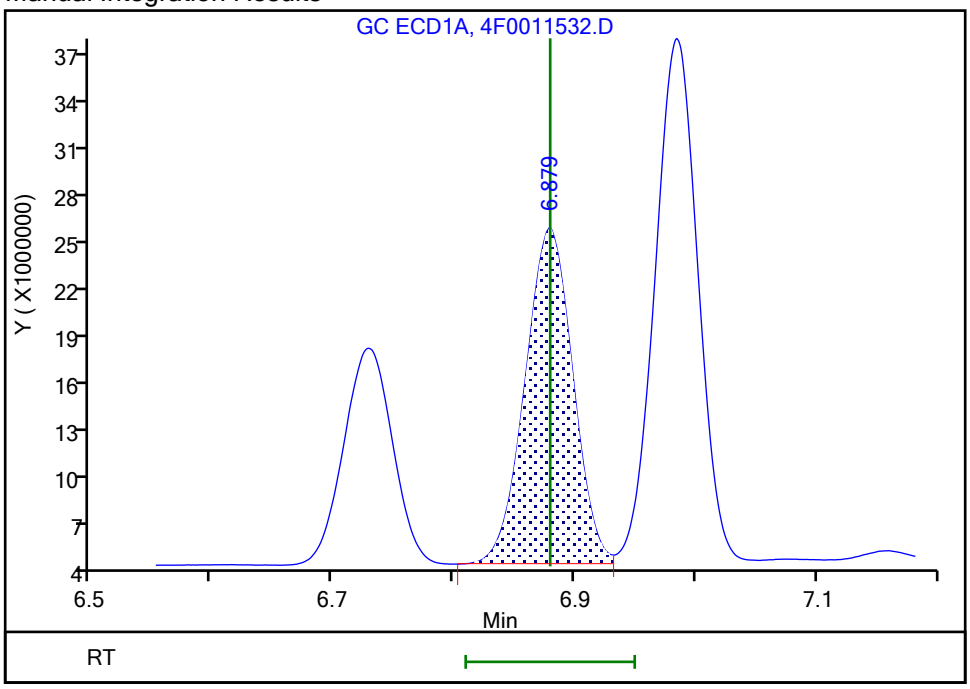
Processing Integration Results

RT: 6.88
Area: 56858688
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 6.88
Area: 57519488
Amount: 97.672939
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

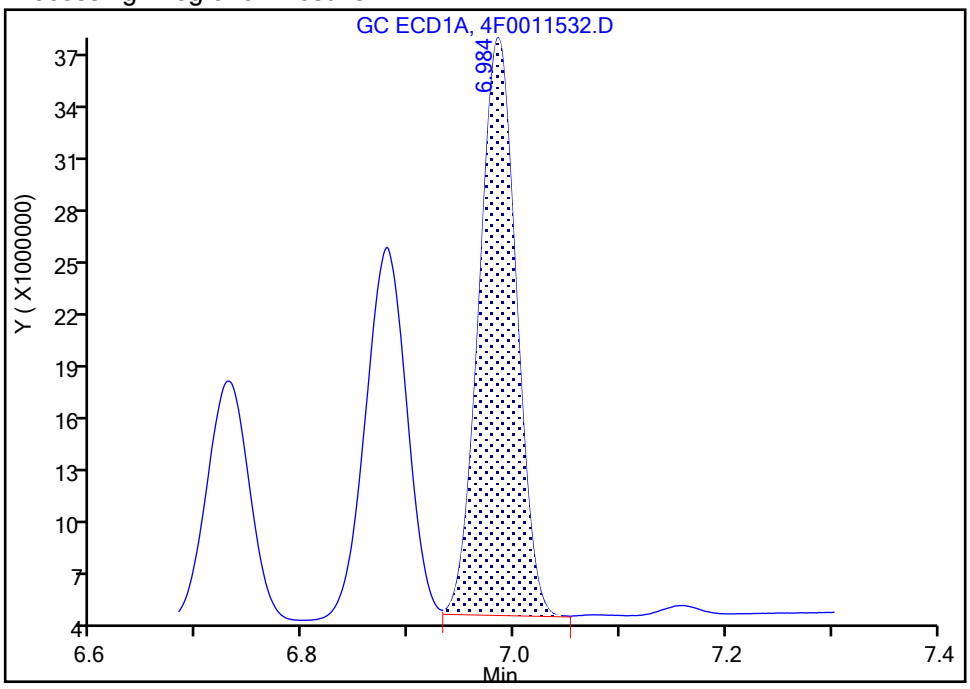
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

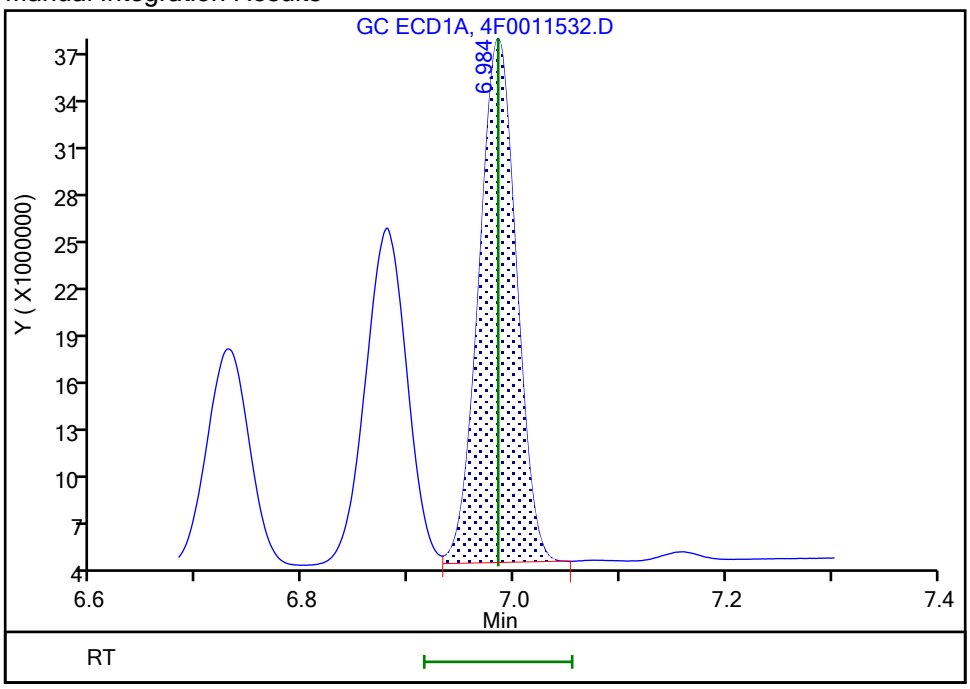
Processing Integration Results

RT: 6.98
Area: 80122376
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 6.98
Area: 80844675
Amount: 97.305631
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 08:32:31 ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:25 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 08:53:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 57509421 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 137178700 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 4128720 | 6.25 | 6.52 | |
| 2 | 1.768 | 1.769 | -0.001 | 10663117 | 6.25 | 6.71 | |
| | | | | | | RPD = 2.94 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.378 | 2.378 | 0.000 | 2246392 | 2.50 | 2.42 | |
| 2 | 2.068 | 2.069 | -0.001 | 5734398 | 2.50 | 2.50 | M |
| | | | | | | RPD = 3.24 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.664 | 2.664 | 0.000 | 2079407 | 2.50 | 2.45 | |
| 2 | 2.255 | 2.256 | -0.001 | 5239742 | 2.50 | 2.52 | M |
| | | | | | | RPD = 2.89 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 1037154 | 2.50 | 2.77 | |
| 2 | 2.303 | 2.304 | -0.001 | 2437396 | 2.50 | 2.73 | M |
| | | | | | | RPD = 1.25 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.008 | 3.008 | 0.000 | 2083002 | 2.50 | 2.42 | |
| 2 | 2.425 | 2.426 | -0.001 | 5275189 | 2.50 | 2.51 | M |
| | | | | | | RPD = 3.47 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.083 | 3.084 | -0.001 | 2351885 | 2.50 | 2.62 | |
| 2 | 2.583 | 2.584 | -0.001 | 5838386 | 2.50 | 2.67 | M |
| | | | | | | RPD = 1.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | M |
| 1 | 3.445 | 3.444 | 0.001 | 2214740 | 2.50 | 2.48 | |
| 2 | 2.816 | 2.817 | -0.001 | 5520959 | 2.50 | 2.53 | M |
| | | | | | | RPD = 2.19 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 2111440 | 2.50 | 2.70 | |
| 2 | 3.358 | 3.360 | -0.002 | 5341109 | 2.50 | 2.71 | |
| | | | | | | RPD = 0.36 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 2110636 | 2.50 | 2.65 | |
| 2 | 3.488 | 3.490 | -0.002 | 5517048 | 2.50 | 2.72 | |
| | | | | | | RPD = 2.69 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.532 | 4.532 | 0.000 | 2006977 | 2.50 | 2.62 | |
| 2 | 3.636 | 3.638 | -0.002 | 5173360 | 2.50 | 2.64 | |
| | | | | | | RPD = 0.76 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.608 | 4.609 | -0.001 | 1877922 | 2.50 | 2.58 | |
| 2 | 3.786 | 3.786 | 0.000 | 5021205 | 2.50 | 2.69 | M |
| | | | | | | RPD = 4.38 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.749 | 4.749 | 0.000 | 1959718 | 2.50 | 2.48 | |
| 2 | 3.733 | 3.733 | 0.000 | 5315960 | 2.50 | 2.58 | M |
| | | | | | | RPD = 3.97 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.921 | 4.922 | -0.001 | 2022494 | 2.50 | 2.47 | M |
| 2 | 4.038 | 4.039 | -0.001 | 5219627 | 2.50 | 2.49 | |
| | | | | | | RPD = 0.75 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.225 | 5.224 | 0.001 | 2009765 | 2.50 | 2.69 | M |
| 2 | 4.283 | 4.284 | -0.001 | 4754564 | 2.50 | 2.50 | |
| | | | | | | RPD = 7.26 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 1763076 | 2.50 | 2.52 | M |
| 2 | 4.383 | 4.385 | -0.002 | 4363279 | 2.50 | 2.54 | |
| | | | | | | RPD = 0.67 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 1863506 | 2.50 | 2.73 | M |
| 2 | 4.545 | 4.547 | -0.002 | 4383632 | 2.50 | 2.66 | |
| | | | | | | RPD = 2.86 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 1765358 | 2.50 | 2.49 | |
| 2 | 4.721 | 4.722 | -0.001 | 4359880 | 2.50 | 2.51 | |
| | | | | | | RPD = 0.94 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 1482721 | 2.50 | 2.73 | |
| 2 | 4.994 | 4.994 | 0.000 | 3893921 | 2.50 | 2.78 | |
| | | | | | | RPD = 1.81 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 2048963 | 2.50 | 2.79 | |
| 2 | 5.387 | 5.387 | 0.000 | 5057882 | 2.50 | 2.70 | M |
| | | | | | | RPD = 3.19 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.727 | 6.729 | -0.002 | 1065937 | 2.50 | 2.66 | |
| 2 | 5.221 | 5.221 | 0.000 | 2445466 | 2.50 | 2.56 | M |
| | | | | | | RPD = 3.79 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.880 | 6.879 | 0.001 | 1704393 | 2.50 | 2.85 | |
| 2 | 5.281 | 5.282 | -0.001 | 3803650 | 2.50 | 2.71 | M |
| | | | | | | RPD = 4.90 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.985 | 6.984 | 0.001 | 2308581 | 2.50 | 2.73 | |
| 2 | 5.637 | 5.637 | 0.000 | 5753009 | 2.50 | 2.75 | |
| | | | | | | RPD = 0.60 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.220 | 8.219 | 0.001 | 4730644 | 6.25 | 7.14 | |
| 2 | 7.151 | 7.149 | 0.002 | 13359953 | 6.25 | 6.79 | |
| | | | | | | RPD = 5.02 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 5.31 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

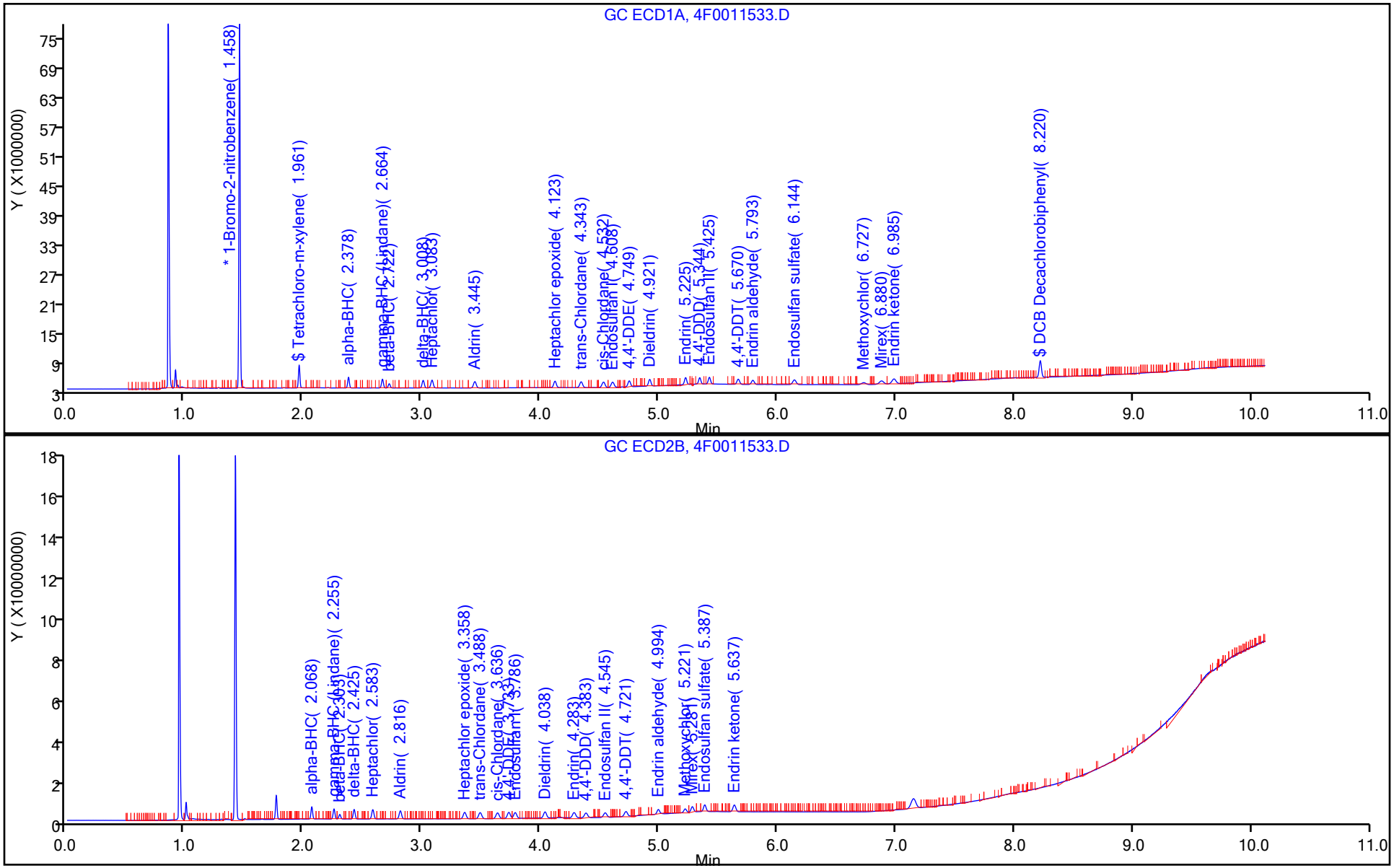
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:26 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 08:32:31 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

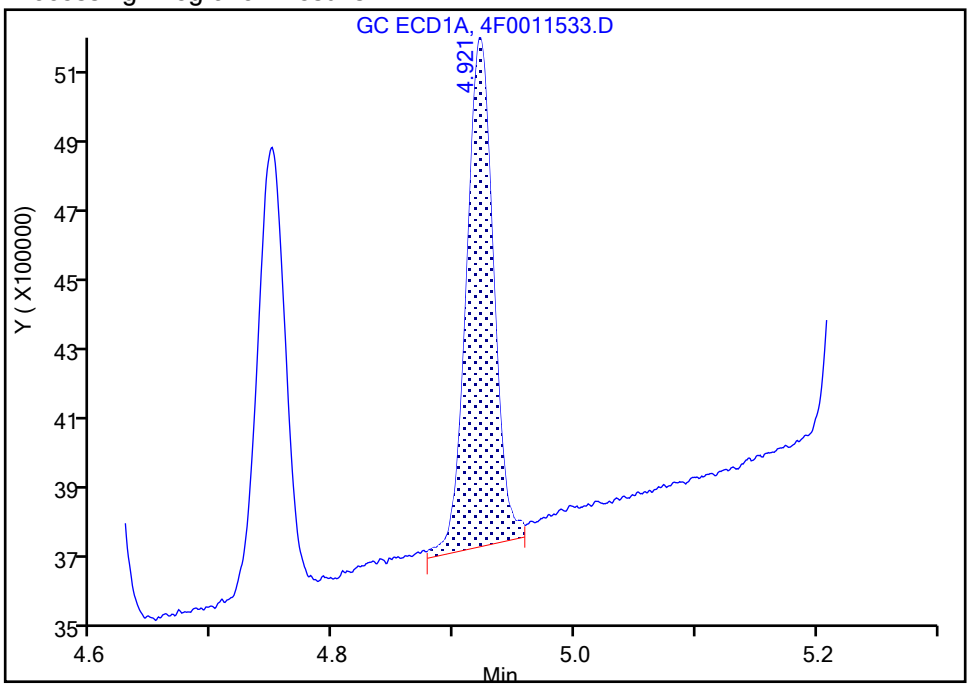
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

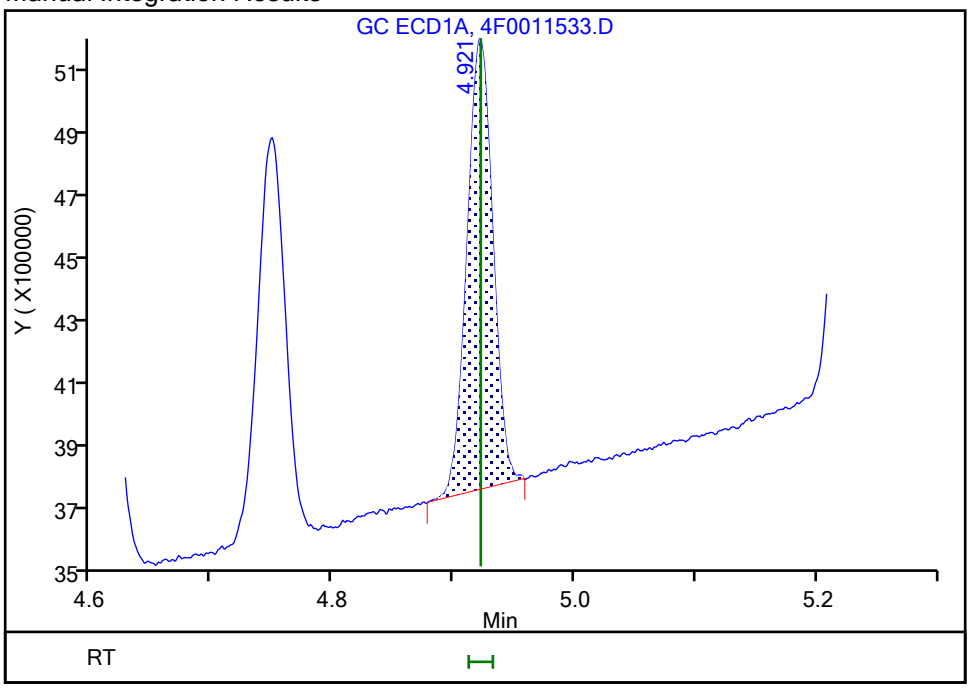
Processing Integration Results

RT: 4.92
Area: 2156919
Amount: 2.577434
Amount Units: ug/l




Manual Integration Results

RT: 4.92
Area: 2022494
Amount: 2.473629
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:50:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

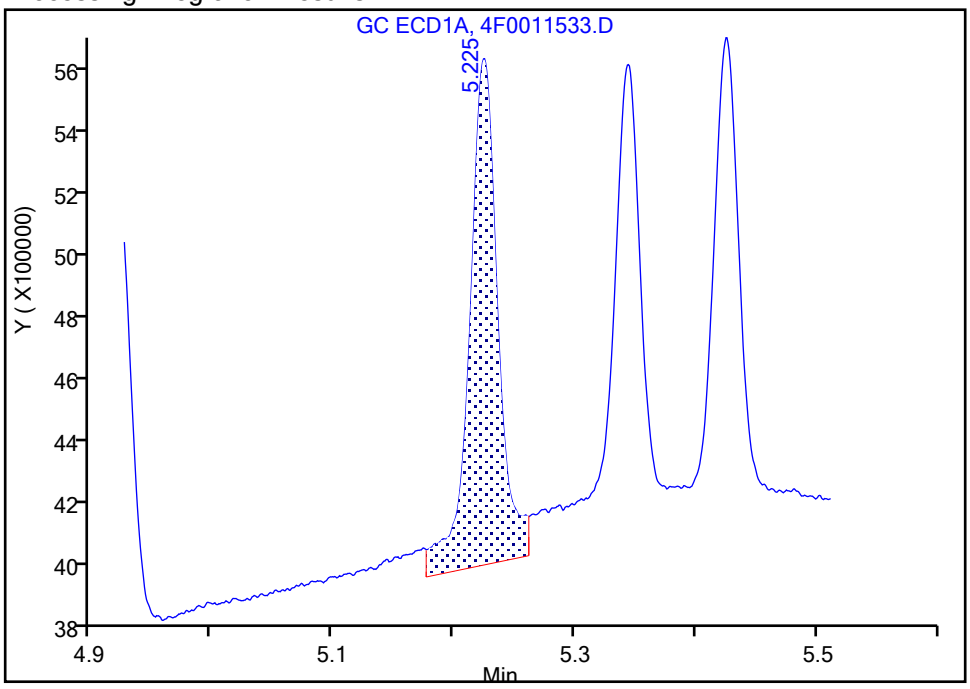
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

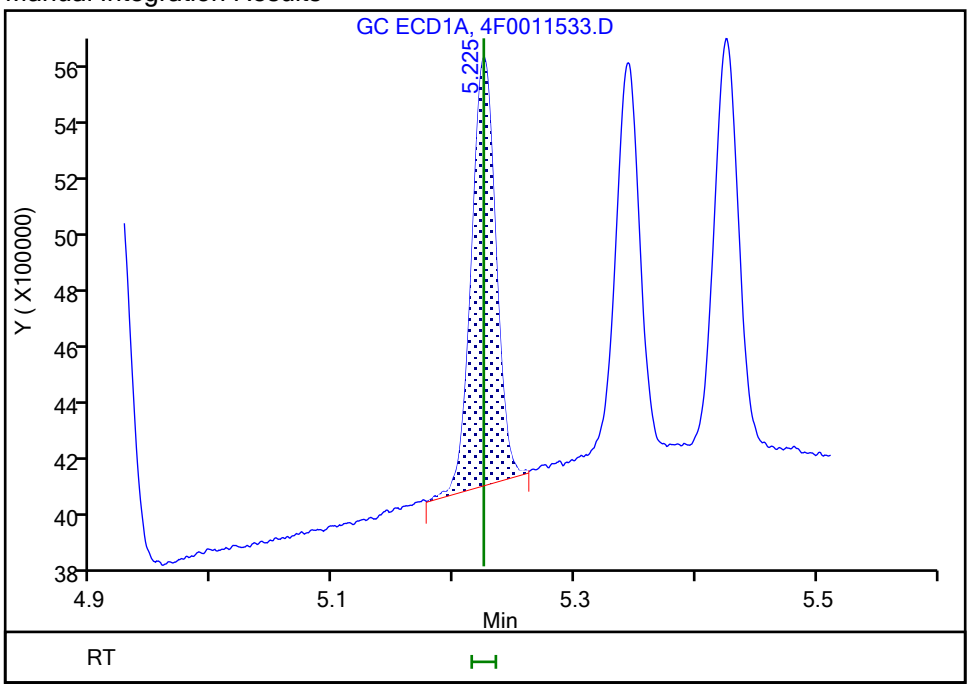
Processing Integration Results

RT: 5.23
Area: 2496917
Amount: 2.888017
Amount Units: ug/l




Manual Integration Results

RT: 5.23
Area: 2009765
Amount: 2.692194
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:50:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

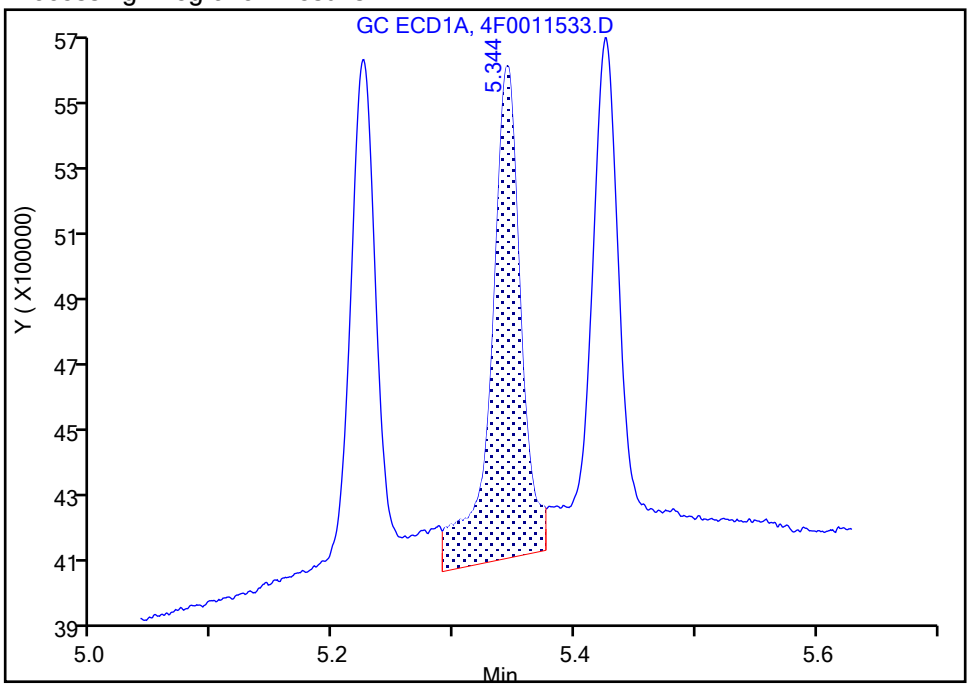
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

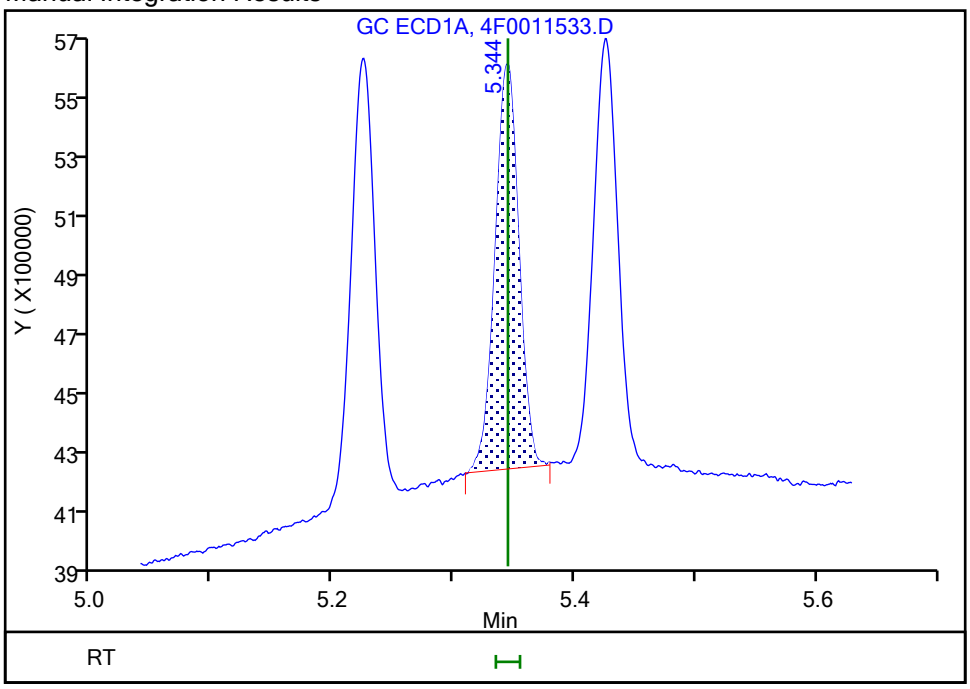
Processing Integration Results

RT: 5.34
Area: 2421307
Amount: 2.936276
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 1763076
Amount: 2.521007
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:51:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

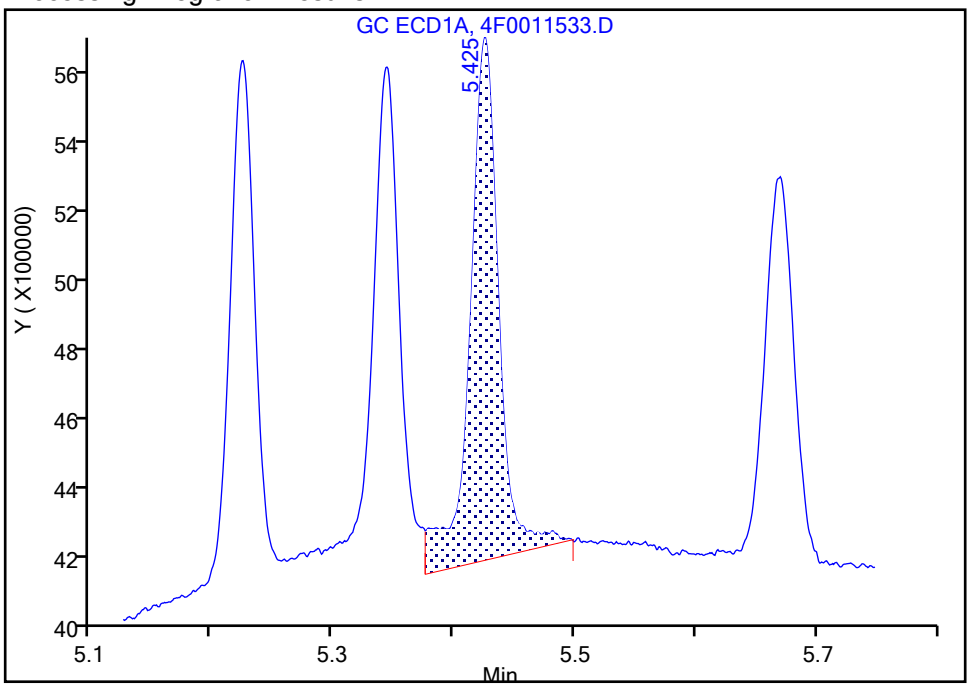
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

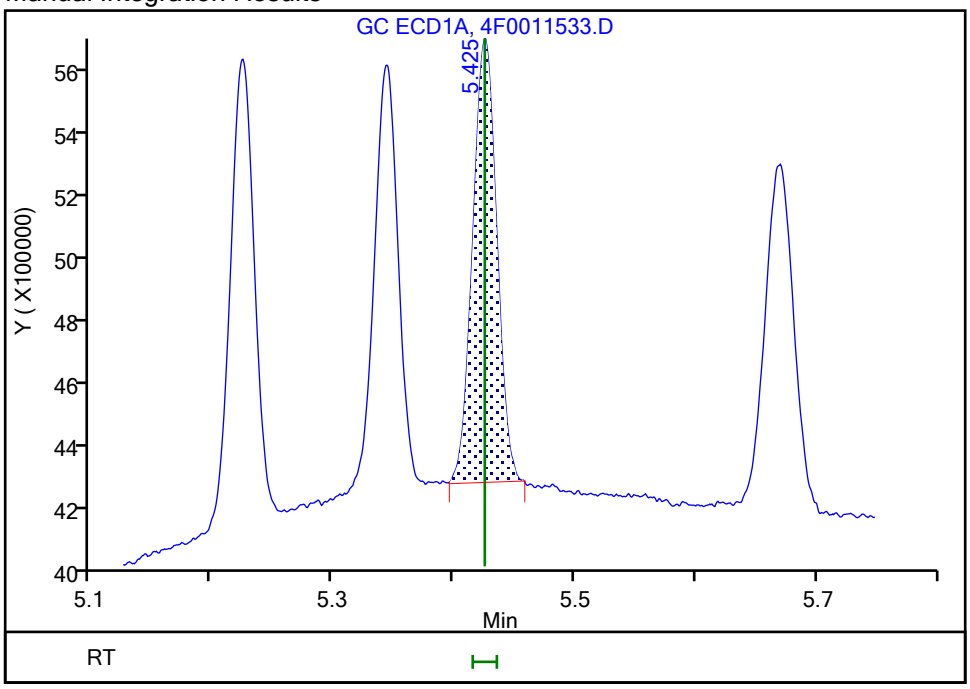
Processing Integration Results

RT: 5.43
Area: 2398912
Amount: 2.905829
Amount Units: ug/l




Manual Integration Results

RT: 5.43
Area: 1863506
Amount: 2.732385
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:51:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 08:48:22 ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:31 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:04:01

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 59857393 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 141404006 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 32848456 | 50.0 | 49.8 | |
| 2 | 1.768 | 1.769 | -0.001 | 81351599 | 50.0 | 49.7 | |
| | | | | | | RPD = 0.29 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 50716335 | 50.0 | 52.6 | |
| 2 | 2.068 | 2.069 | -0.001 | 123724146 | 50.0 | 52.4 | |
| | | | | | | RPD = 0.33 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.665 | 2.664 | 0.001 | 46639757 | 50.0 | 52.8 | |
| 2 | 2.255 | 2.256 | -0.001 | 112516467 | 50.0 | 52.5 | |
| | | | | | | RPD = 0.50 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.721 | 2.721 | 0.000 | 20410255 | 50.0 | 52.3 | |
| 2 | 2.304 | 2.304 | 0.000 | 48347089 | 50.0 | 52.6 | |
| | | | | | | RPD = 0.51 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.009 | 3.008 | 0.001 | 46824470 | 50.0 | 52.4 | M |
| 2 | 2.426 | 2.426 | 0.000 | 113387644 | 50.0 | 52.3 | |
| | | | | | | RPD = 0.04 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.084 | 3.084 | 0.000 | 48432553 | 50.0 | 51.9 | M |
| 2 | 2.584 | 2.584 | 0.000 | 116538682 | 50.0 | 51.7 | |
| | | | | | | RPD = 0.43 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.445 | 3.444 | 0.001 | 48657648 | 50.0 | 52.3 | |
| 2 | 2.816 | 2.817 | -0.001 | 117191795 | 50.0 | 52.1 | |
| | | | | | | RPD = 0.28 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.122 | 4.121 | 0.001 | 42557184 | 50.0 | 52.3 | |
| 2 | 3.360 | 3.360 | 0.000 | 105144788 | 50.0 | 51.8 | |
| | | | | | | RPD = 1.03 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.342 | 4.343 | -0.001 | 42788072 | 50.0 | 51.5 | |
| 2 | 3.491 | 3.490 | 0.001 | 107217272 | 50.0 | 51.2 | |
| | | | | | | RPD = 0.57 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 41326577 | 50.0 | 51.9 | M |
| 2 | 3.637 | 3.638 | -0.001 | 104023446 | 50.0 | 51.6 | |
| | | | | | | RPD = 0.65 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.609 | 4.609 | 0.000 | 39572312 | 50.0 | 52.2 | M |
| 2 | 3.786 | 3.786 | 0.000 | 98907752 | 50.0 | 51.5 | M |
| | | | | | | RPD = 1.39 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 42899468 | 50.0 | 52.2 | |
| 2 | 3.733 | 3.733 | 0.000 | 108775206 | 50.0 | 51.2 | M |
| | | | | | | RPD = 1.81 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 45226286 | 50.0 | 53.1 | |
| 2 | 4.038 | 4.039 | -0.001 | 112700075 | 50.0 | 52.2 | |
| | | | | | | RPD = 1.78 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.225 | 5.224 | 0.001 | 40727808 | 50.0 | 52.4 | M |
| 2 | 4.284 | 4.284 | 0.000 | 101016640 | 50.0 | 51.6 | |
| | | | | | | RPD = 1.56 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.345 | 5.344 | 0.001 | 38085989 | 50.0 | 52.3 | M |
| 2 | 4.384 | 4.385 | -0.001 | 91028601 | 50.0 | 51.4 | |
| | | | | | | RPD = 1.85 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 38510848 | 50.0 | 54.3 | M |
| 2 | 4.546 | 4.547 | -0.001 | 89910535 | 50.0 | 52.8 | |
| | | | | | | RPD = 2.64 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.670 | 5.669 | 0.001 | 38958826 | 50.0 | 52.8 | M |
| 2 | 4.720 | 4.722 | -0.002 | 91084024 | 50.0 | 50.9 | |
| | | | | | | RPD = 3.57 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.793 | 5.793 | 0.000 | 29982702 | 50.0 | 53.1 | M |
| 2 | 4.995 | 4.994 | 0.001 | 74270630 | 50.0 | 51.5 | M |
| | | | | | | RPD = 3.07 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 40550553 | 50.0 | 53.1 | |
| 2 | 5.387 | 5.387 | 0.000 | 100086599 | 50.0 | 51.9 | M |
| | | | | | | RPD = 2.23 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.730 | 6.729 | 0.001 | 22407168 | 50.0 | 53.8 | |
| 2 | 5.221 | 5.221 | 0.000 | 51497417 | 50.0 | 52.4 | M |
| | | | | | | RPD = 2.64 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.880 | 6.879 | 0.001 | 33020677 | 50.0 | 53.0 | M |
| 2 | 5.282 | 5.282 | 0.000 | 73987037 | 50.0 | 51.2 | M |
| | | | | | | RPD = 3.54 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.985 | 6.984 | 0.001 | 47352494 | 50.0 | 53.9 | M |
| 2 | 5.637 | 5.637 | 0.000 | 111930302 | 50.0 | 51.9 | M |
| | | | | | | RPD = 3.72 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.220 | 8.219 | 0.001 | 35514375 | 50.0 | 51.5 | |
| 2 | 7.150 | 7.149 | 0.001 | 102994516 | 50.0 | 50.8 | |
| | | | | | | RPD = 1.39 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 106.5 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

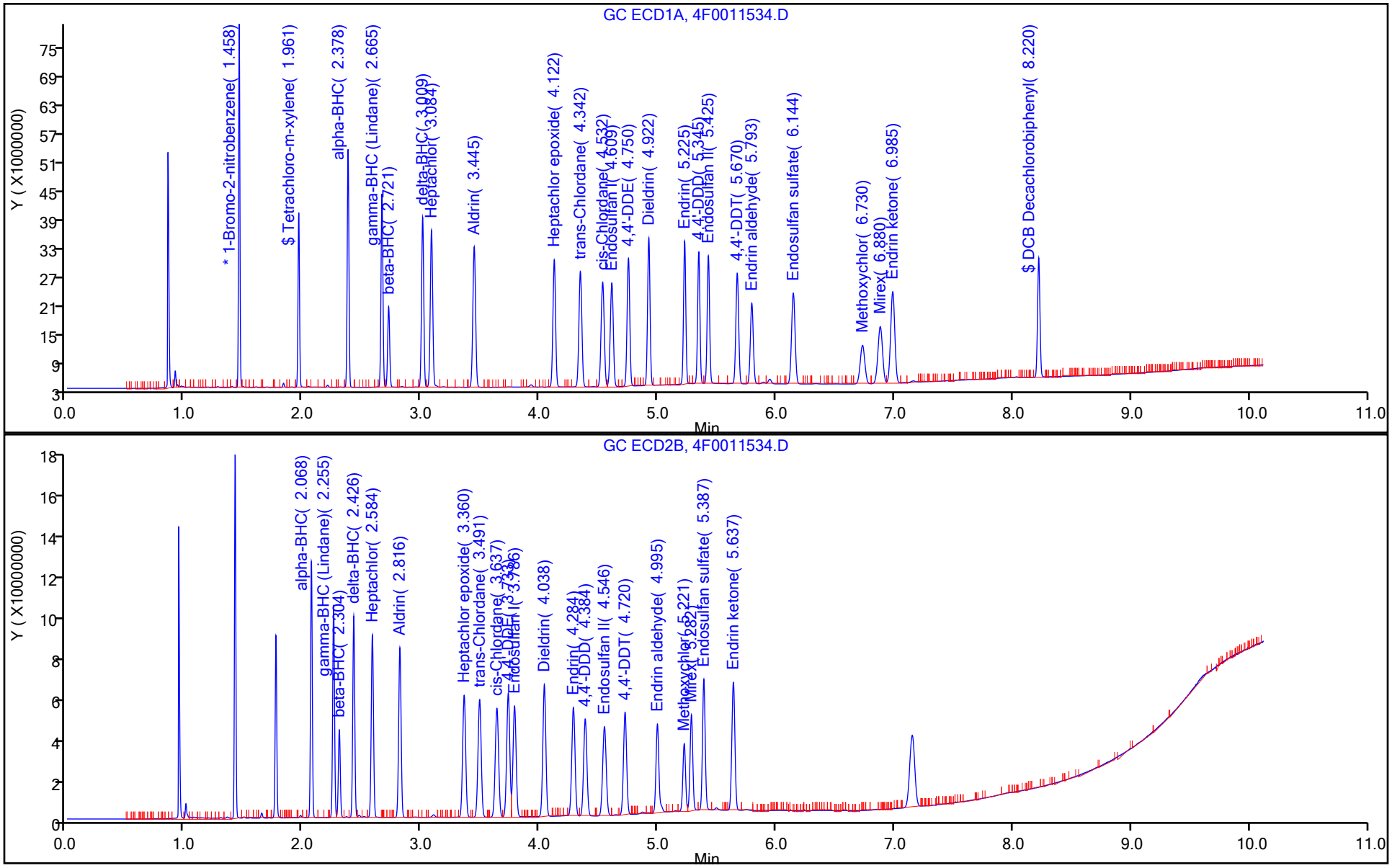
| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:31 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 08:48:22 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

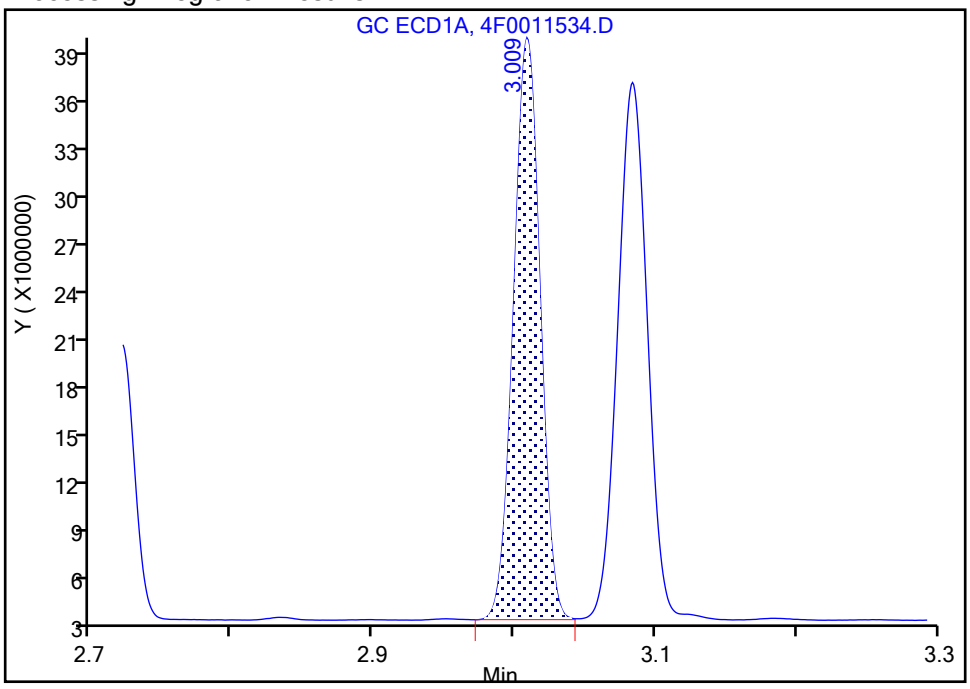
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

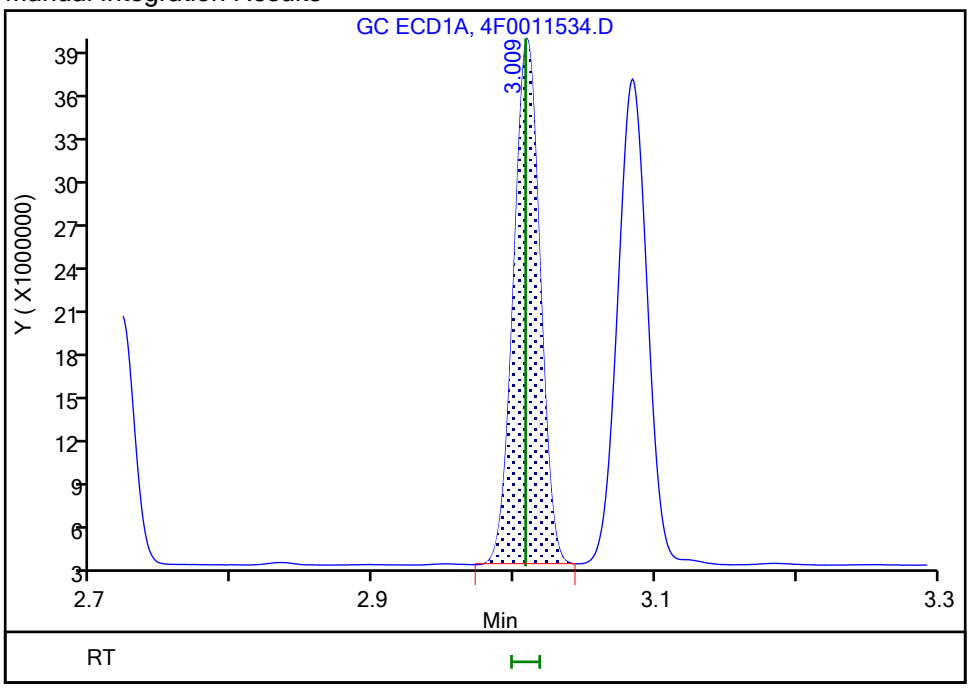
Processing Integration Results

RT: 3.01
Area: 46677399
Amount: 51.897745
Amount Units: ug/l




Manual Integration Results

RT: 3.01
Area: 46824470
Amount: 52.357682
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:48 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

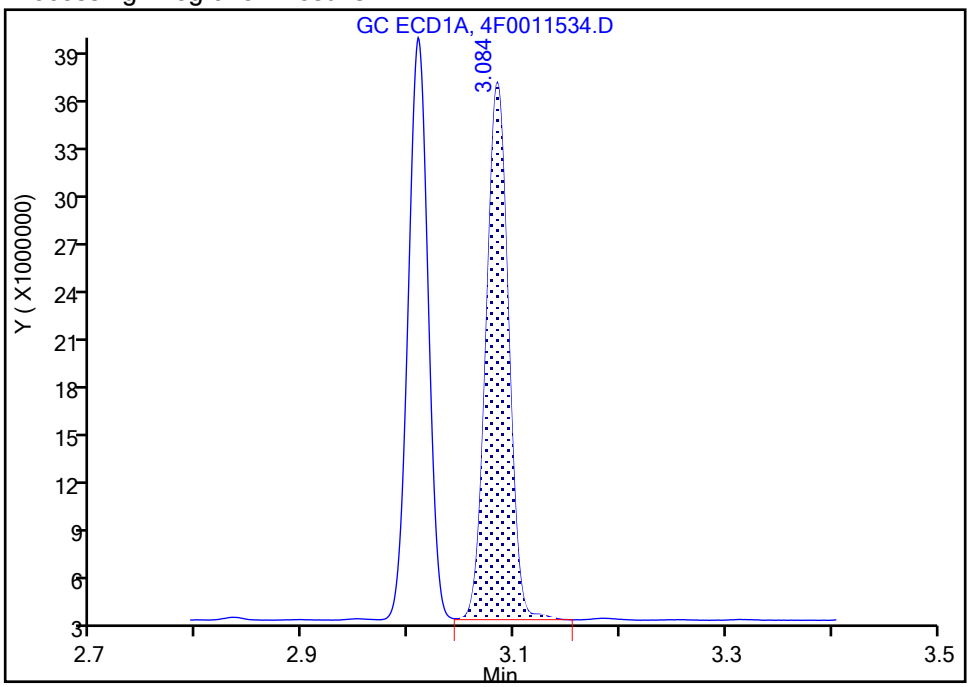
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

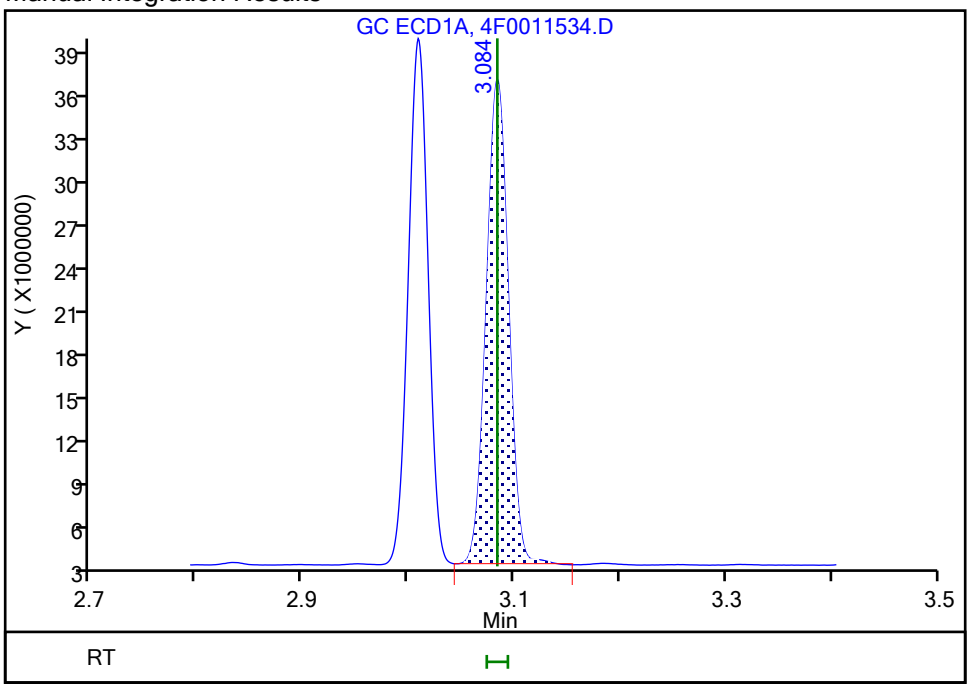
Processing Integration Results

RT: 3.08
Area: 48181537
Amount: 50.447986
Amount Units: ug/l




Manual Integration Results

RT: 3.08
Area: 48432553
Amount: 51.920464
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:48 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison

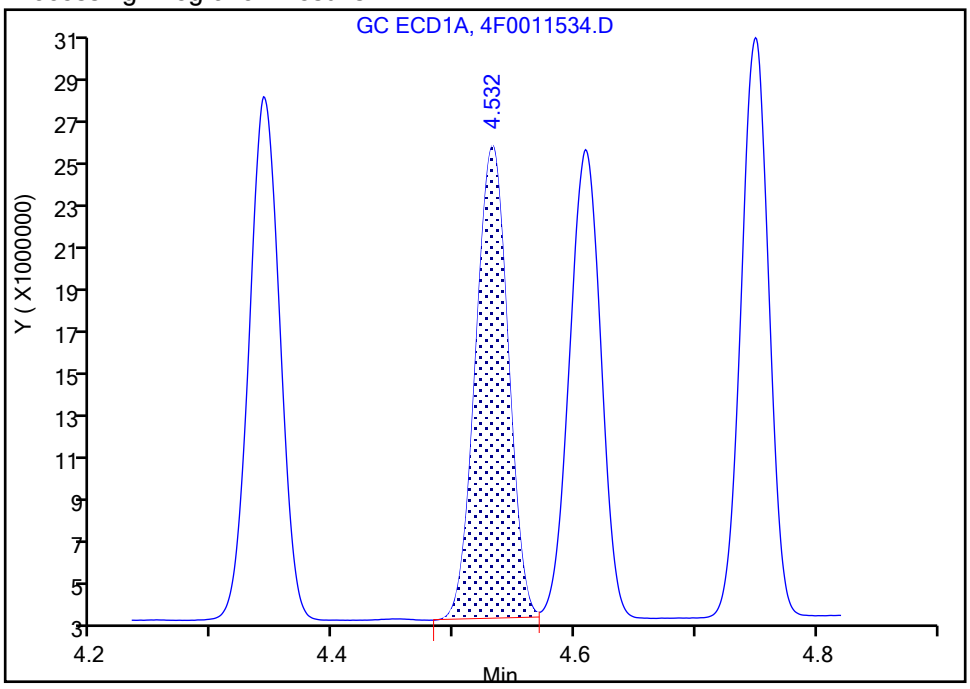
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

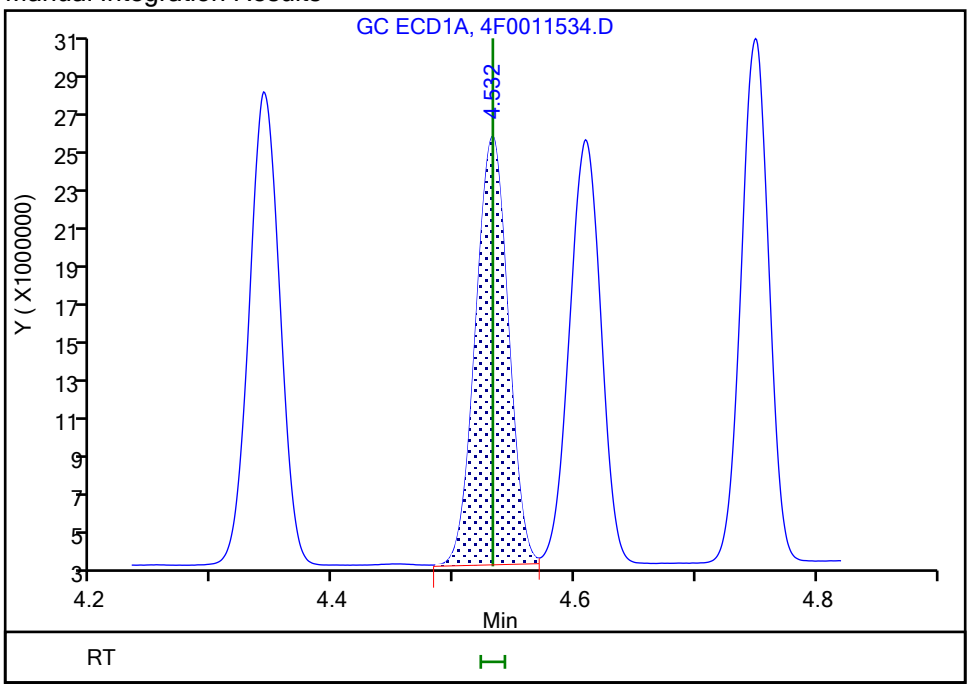
Processing Integration Results

RT: 4.53
Area: 40943353
Amount: 50.368274
Amount Units: ug/l




Manual Integration Results

RT: 4.53
Area: 41326577
Amount: 51.891256
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:02:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

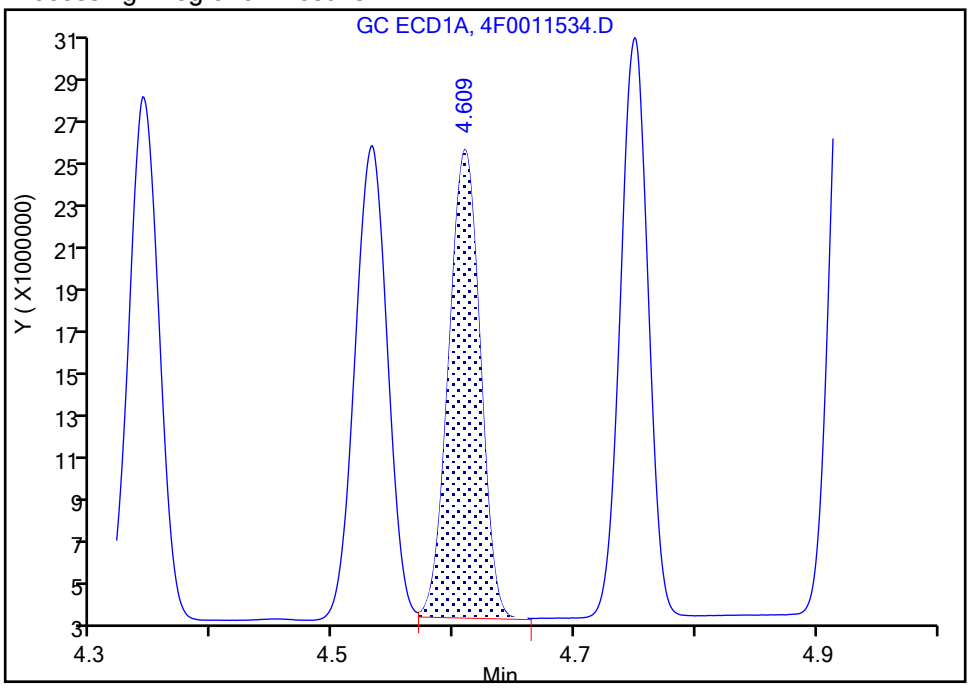
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D | | | | |
| Injection Date: | 27-Nov-2024 08:48:22 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 21 | Worklist Smp#: | 5 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

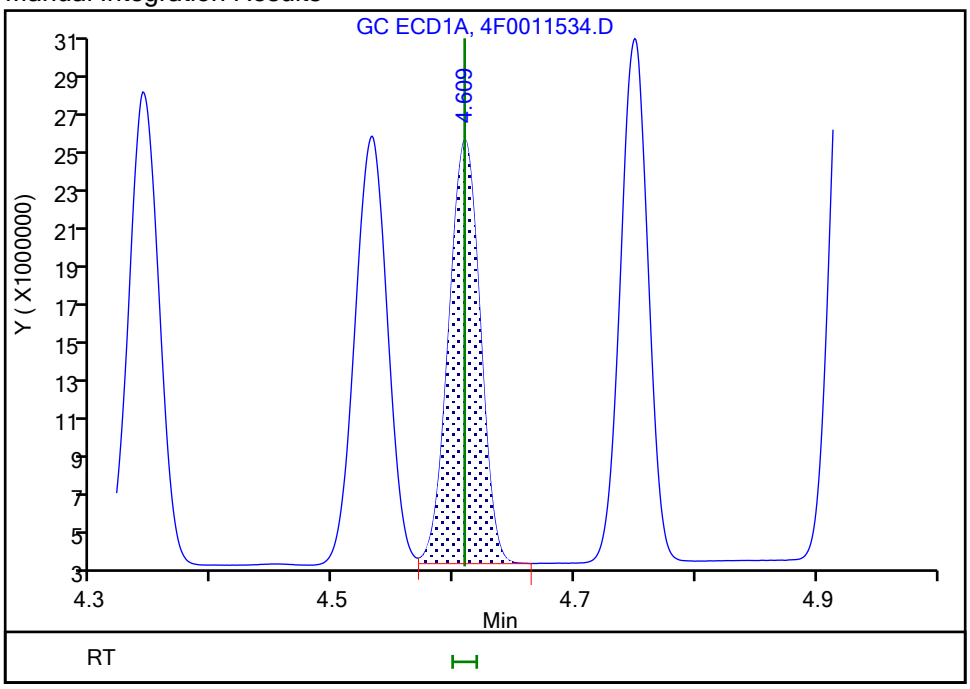
Processing Integration Results

RT: 4.61
Area: 39190095
Amount: 50.682758
Amount Units: ug/l




Manual Integration Results

RT: 4.61
Area: 39572312
Amount: 52.213987
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:02:52 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

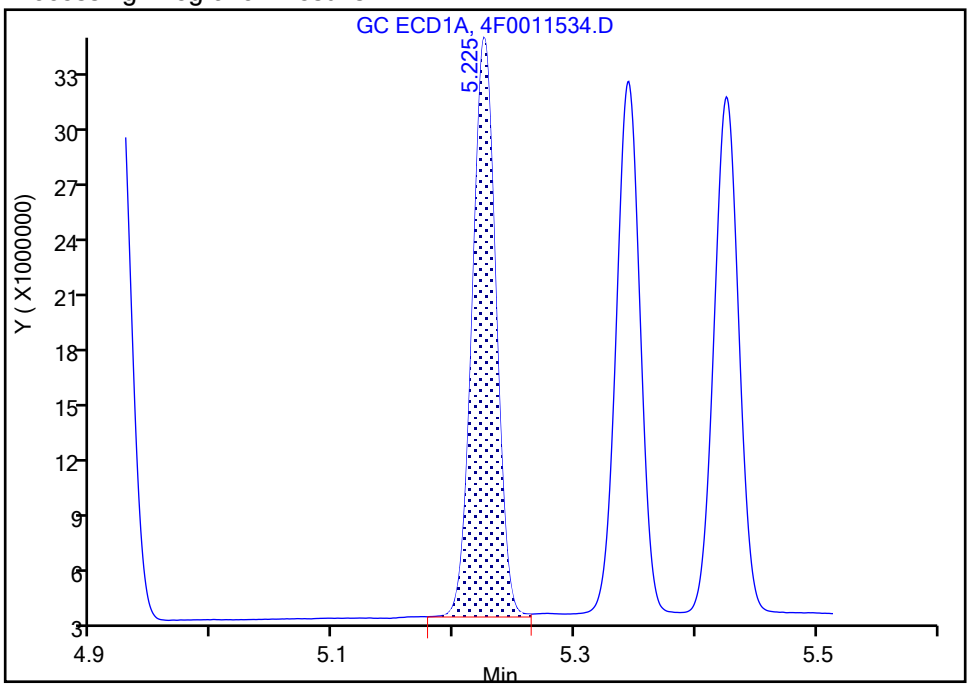
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

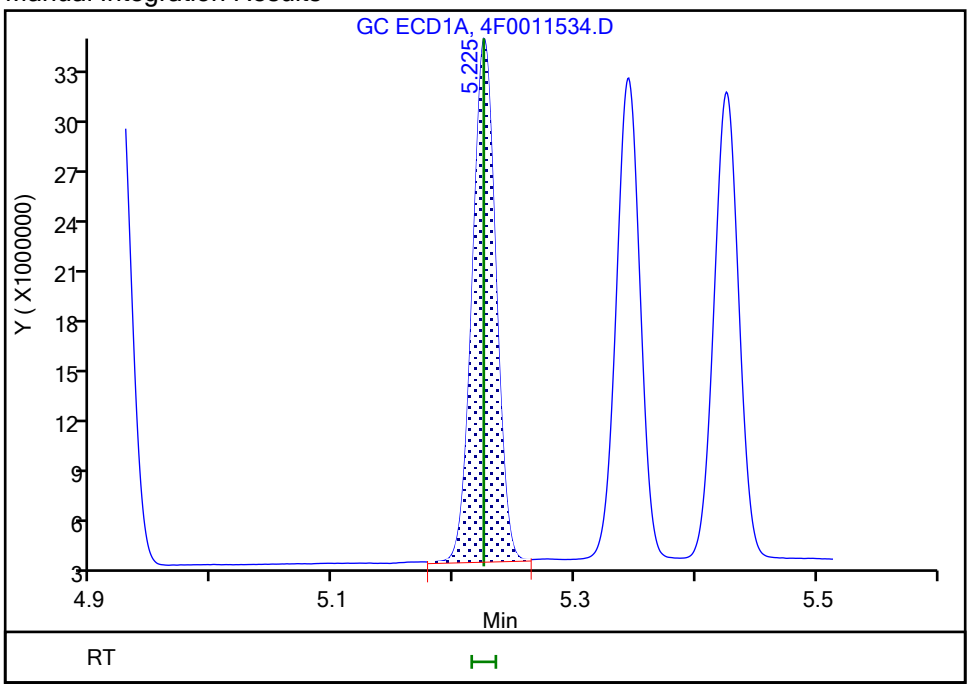
Processing Integration Results

RT: 5.22
Area: 41188854
Amount: 51.045493
Amount Units: ug/l




Manual Integration Results

RT: 5.22
Area: 40727808
Amount: 52.417131
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

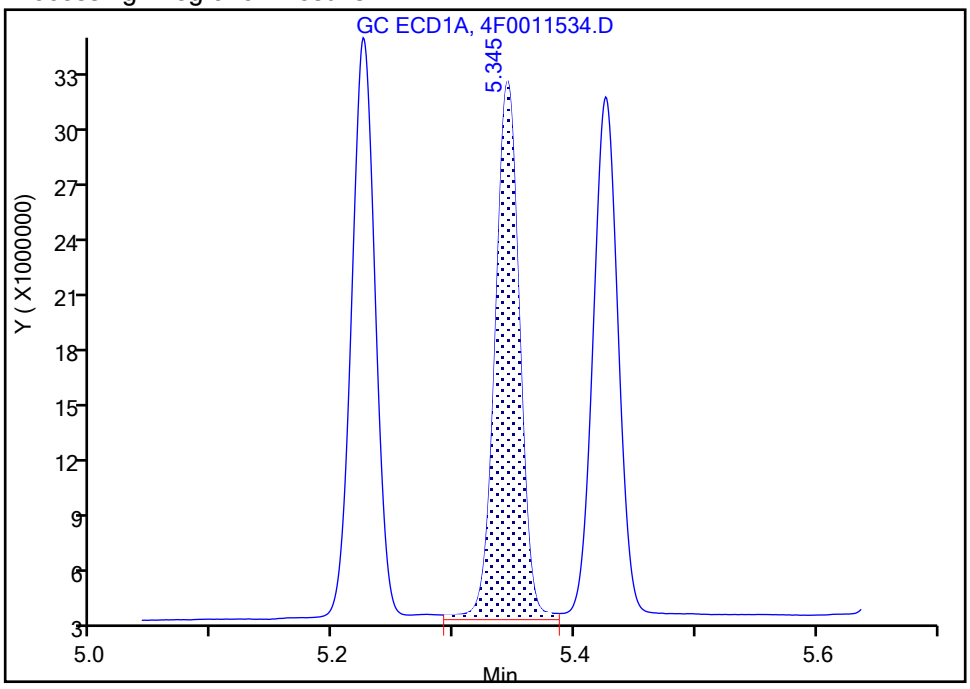
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

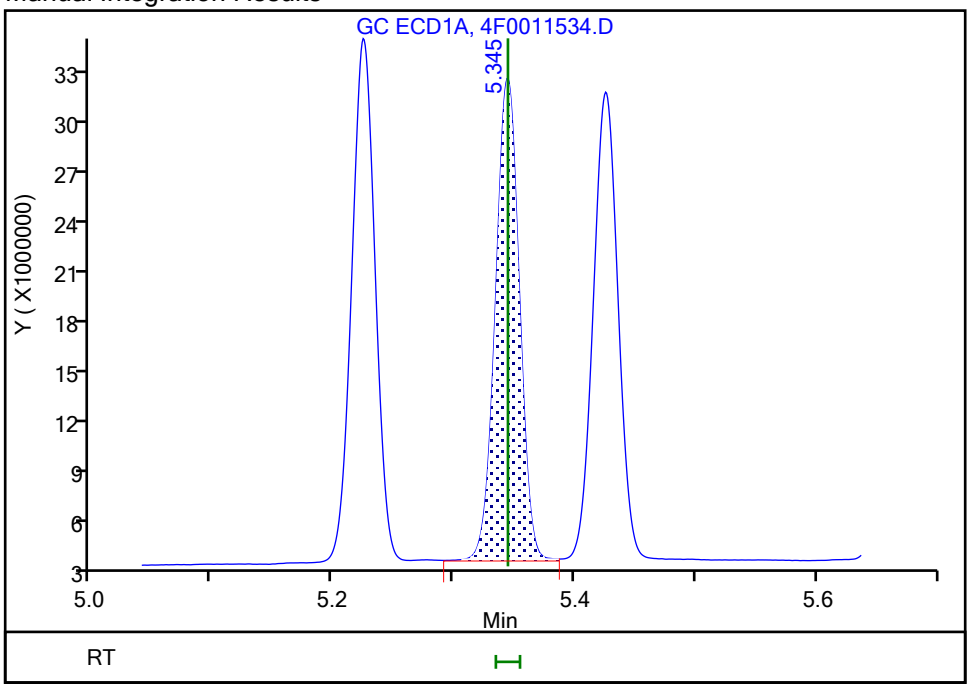
Processing Integration Results

RT: 5.34
Area: 39115492
Amount: 52.743802
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 38085989
Amount: 52.322618
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:05 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

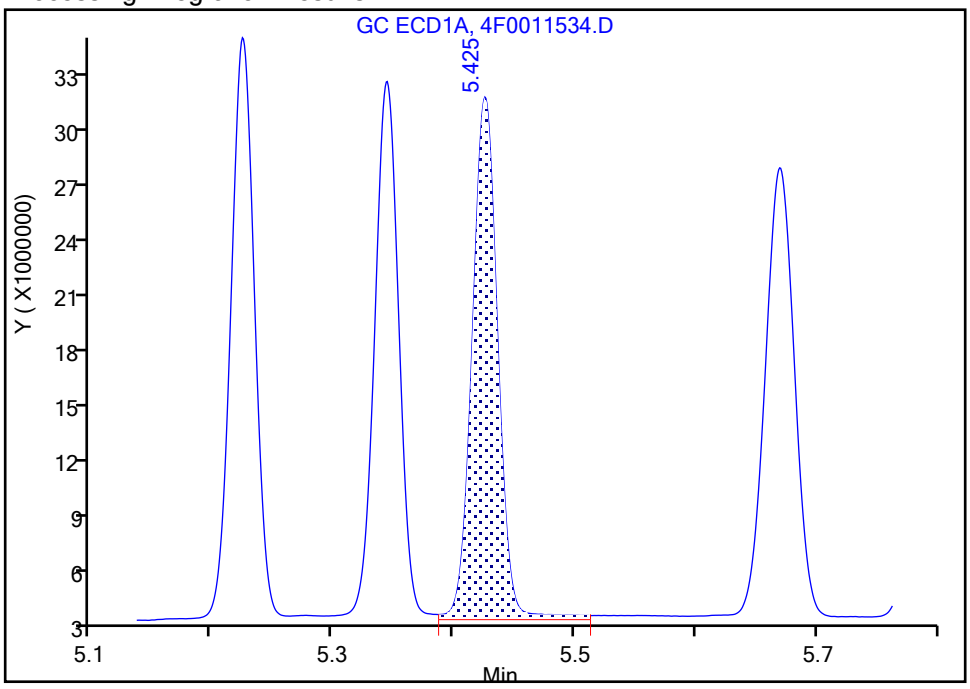
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

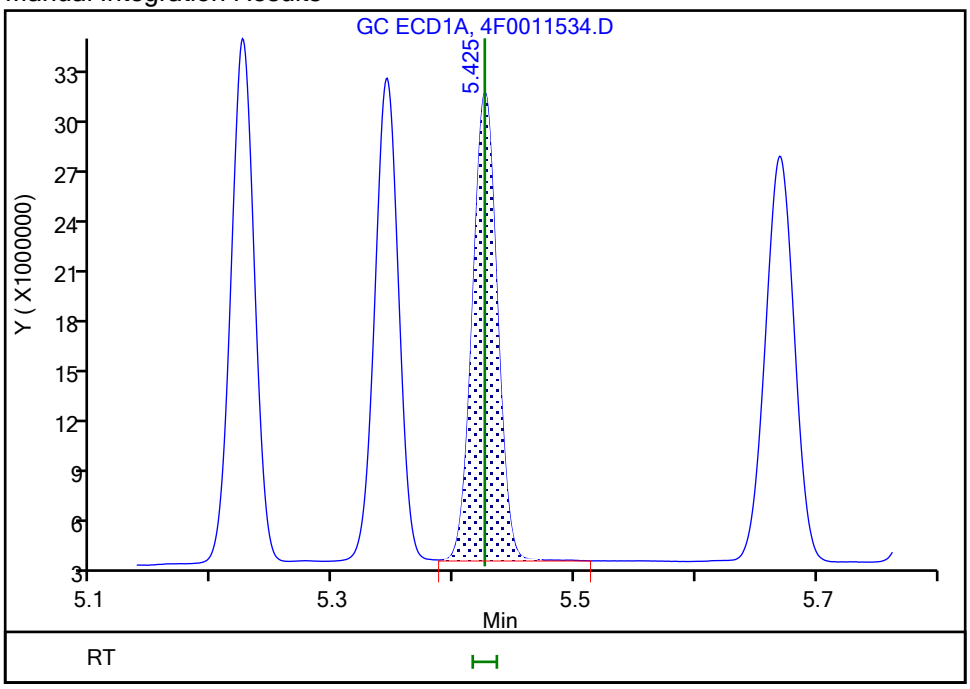
Processing Integration Results

RT: 5.43
Area: 39851211
Amount: 52.146893
Amount Units: ug/l




Manual Integration Results

RT: 5.43
Area: 38510848
Amount: 54.251943
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:05 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

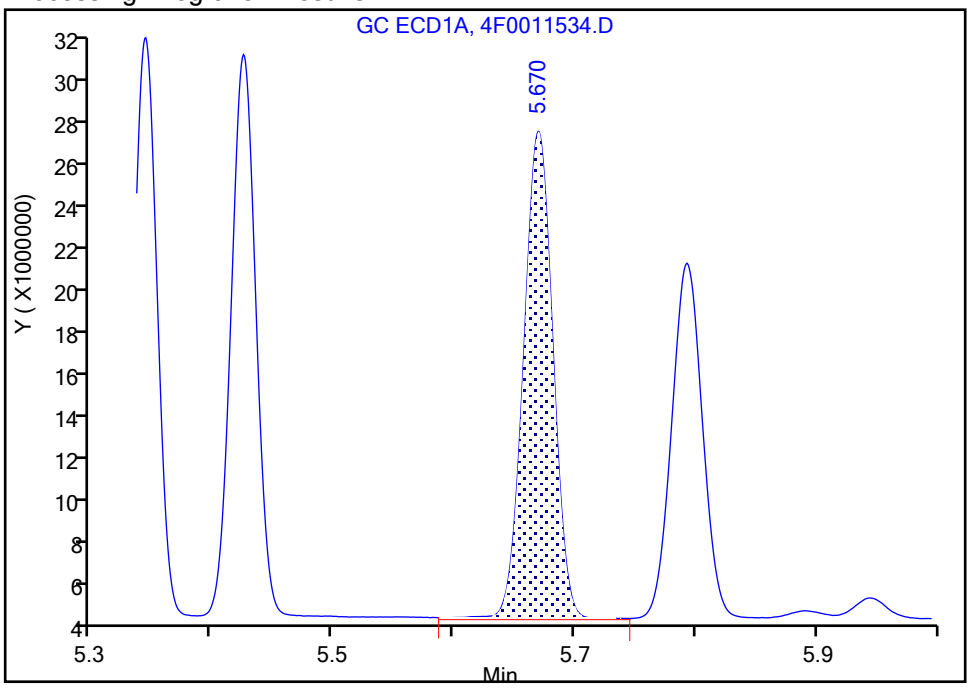
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

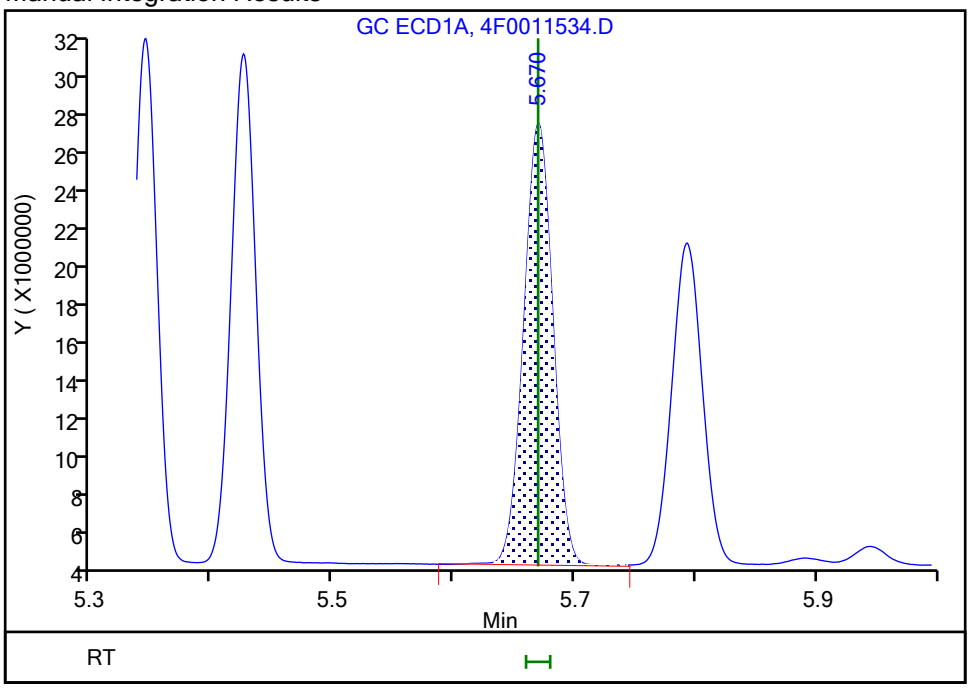
Processing Integration Results

RT: 5.67
Area: 39831924
Amount: 52.986706
Amount Units: ug/l




Manual Integration Results

RT: 5.67
Area: 38958826
Amount: 52.777193
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

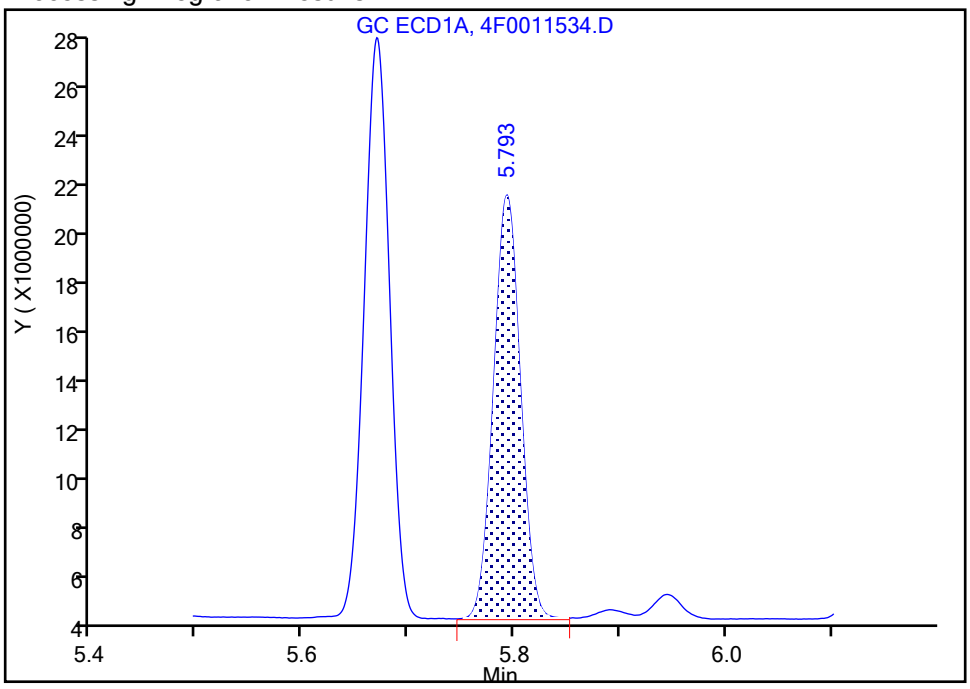
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

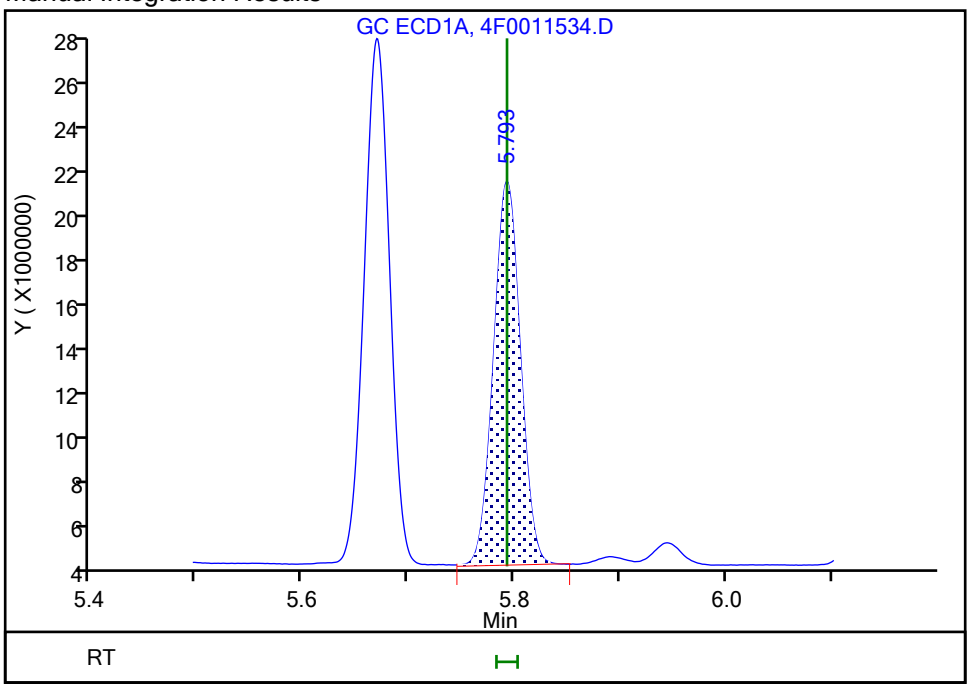
Processing Integration Results

RT: 5.79
Area: 30291217
Amount: 51.343941
Amount Units: ug/l




Manual Integration Results

RT: 5.79
Area: 29982702
Amount: 53.076625
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

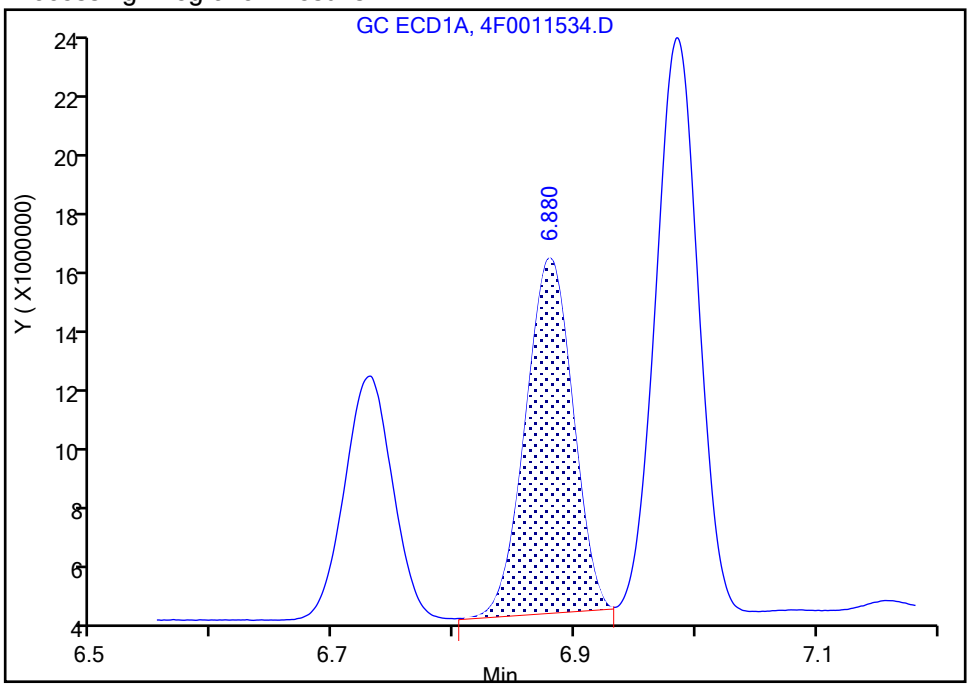
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

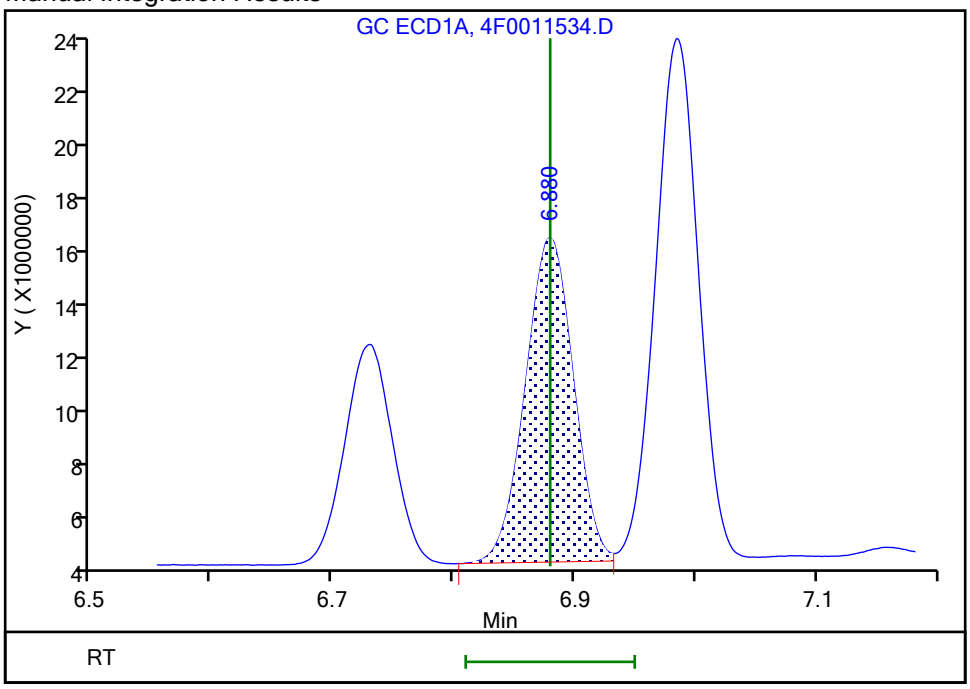
Processing Integration Results

RT: 6.88
Area: 32359470
Amount: 49.397887
Amount Units: ug/l




Manual Integration Results

RT: 6.88
Area: 33020677
Amount: 53.007002
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

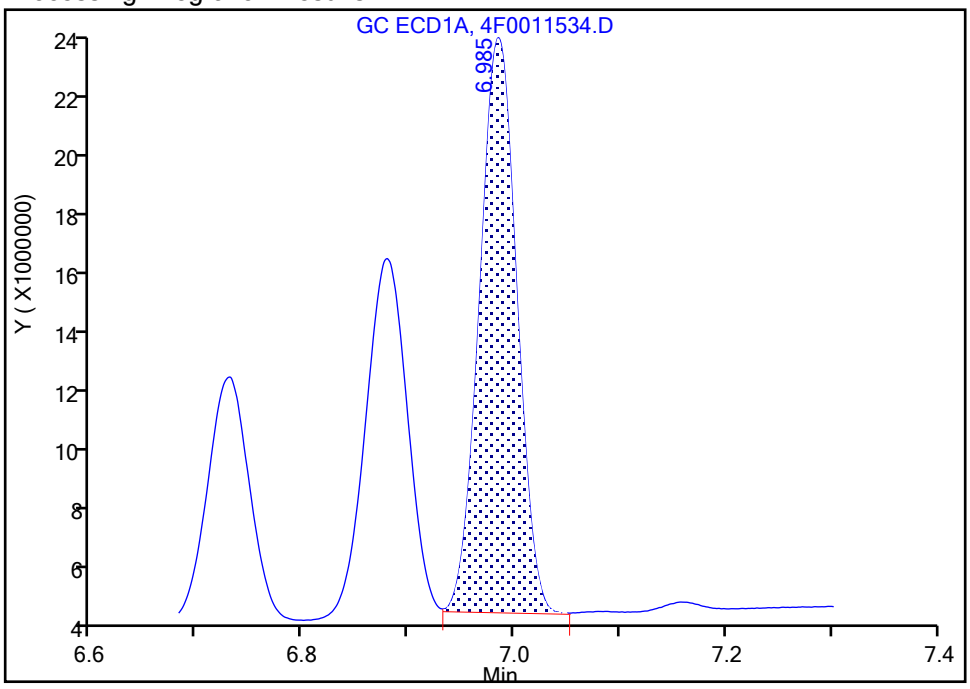
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

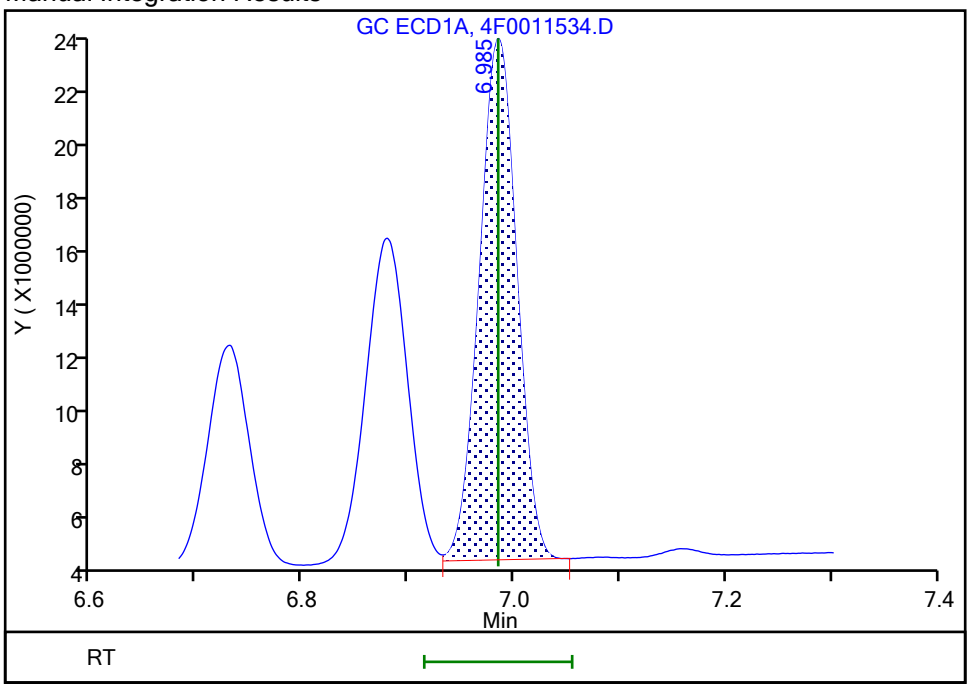
Processing Integration Results

RT: 6.98
Area: 46744983
Amount: 50.971819
Amount Units: ug/l




Manual Integration Results

RT: 6.98
Area: 47352494
Amount: 53.878740
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 09:04:12 ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:37 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:21:10

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 60233209 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 140147347 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 101704539 | 150.0 | 153.3 | |
| 2 | 1.769 | 1.769 | 0.000 | 248140315 | 150.0 | 152.9 | |
| | | | | | | RPD = 0.27 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.379 | 2.378 | 0.001 | 248805086 | 250.0 | 256.2 | M |
| 2 | 2.069 | 2.069 | 0.000 | 588505112 | 250.0 | 251.4 | |
| | | | | | | RPD = 1.90 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.666 | 2.664 | 0.002 | 227282268 | 250.0 | 255.5 | M |
| 2 | 2.256 | 2.256 | 0.000 | 532245478 | 250.0 | 250.5 | |
| | | | | | | RPD = 1.95 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 96036897 | 250.0 | 244.6 | M |
| 2 | 2.305 | 2.304 | 0.001 | 222575497 | 250.0 | 244.2 | |
| | | | | | | RPD = 0.15 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.010 | 3.008 | 0.002 | 230669801 | 250.0 | 256.3 | M |
| 2 | 2.426 | 2.426 | 0.000 | 538106772 | 250.0 | 250.6 | |
| | | | | | | RPD = 2.26 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.085 | 3.084 | 0.001 | 234797094 | 250.0 | 250.1 | M |
| 2 | 2.585 | 2.584 | 0.001 | 551092284 | 250.0 | 246.7 | |
| | | | | | | RPD = 1.40 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 238839302 | 250.0 | 254.9 | |
| 2 | 2.817 | 2.817 | 0.000 | 558128188 | 250.0 | 250.4 | |
| | | | | | | RPD = 1.78 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 202958026 | 250.0 | 247.9 | |
| 2 | 3.361 | 3.360 | 0.001 | 494724009 | 250.0 | 245.8 | |
| | | | | | | RPD = 0.86 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.344 | 4.343 | 0.001 | 210430719 | 250.0 | 251.9 | |
| 2 | 3.492 | 3.490 | 0.002 | 511317068 | 250.0 | 246.6 | |
| | | | | | | RPD = 2.12 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 200196580 | 250.0 | 249.8 | M |
| 2 | 3.638 | 3.638 | 0.000 | 497165910 | 250.0 | 248.6 | M |
| | | | | | | RPD = 0.48 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.610 | 4.609 | 0.001 | 193856585 | 250.0 | 254.2 | M |
| 2 | 3.787 | 3.786 | 0.001 | 472611950 | 250.0 | 248.3 | M |
| | | | | | | RPD = 2.36 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 212457912 | 250.0 | 256.8 | |
| 2 | 3.734 | 3.733 | 0.001 | 530078146 | 250.0 | 252.0 | M |
| | | | | | | RPD = 1.91 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 218491058 | 250.0 | 255.1 | |
| 2 | 4.040 | 4.039 | 0.001 | 542494666 | 250.0 | 253.5 | |
| | | | | | | RPD = 0.63 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.226 | 5.224 | 0.002 | 193115995 | 250.0 | 247.0 | |
| 2 | 4.286 | 4.284 | 0.002 | 493765560 | 250.0 | 254.5 | M |
| | | | | | | RPD = 2.99 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.345 | 5.344 | 0.001 | 182619535 | 250.0 | 249.3 | M |
| 2 | 4.386 | 4.385 | 0.001 | 446586923 | 250.0 | 254.3 | M |
| | | | | | | RPD = 1.96 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.426 | 5.425 | 0.001 | 180147919 | 250.0 | 252.2 | M |
| 2 | 4.548 | 4.547 | 0.001 | 435776990 | 250.0 | 258.4 | |
| | | | | | | RPD = 2.42 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 190761532 | 250.0 | 256.8 | |
| 2 | 4.722 | 4.722 | 0.000 | 457639396 | 250.0 | 258.2 | |
| | | | | | | RPD = 0.53 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 139747958 | 250.0 | 245.8 | |
| 2 | 4.995 | 4.994 | 0.001 | 354294653 | 250.0 | 247.7 | |
| | | | | | | RPD = 0.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.145 | 6.144 | 0.001 | 187881027 | 250.0 | 244.5 | |
| 2 | 5.387 | 5.387 | 0.000 | 477067721 | 250.0 | 249.7 | |
| | | | | | | RPD = 2.12 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.729 | 6.729 | 0.000 | 104979702 | 250.0 | 250.3 | |
| 2 | 5.222 | 5.221 | 0.001 | 249381393 | 250.0 | 255.8 | |
| | | | | | | RPD = 2.18 | |
| 34 Mirex | | | | | | | |
| 1 | 6.879 | 6.879 | 0.000 | 151831555 | 250.0 | 242.2 | |
| 2 | 5.282 | 5.282 | 0.000 | 360498951 | 250.0 | 251.5 | |
| | | | | | | RPD = 3.78 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.984 | 6.984 | 0.000 | 217115416 | 250.0 | 245.5 | |
| 2 | 5.637 | 5.637 | 0.000 | 527700266 | 250.0 | 246.9 | |
| | | | | | | RPD = 0.58 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.218 | 8.219 | -0.001 | 103498891 | 150.0 | 149.1 | |
| 2 | 7.148 | 7.149 | -0.001 | 307045356 | 150.0 | 152.7 | |
| | | | | | | RPD = 2.39 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 506.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:37 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D

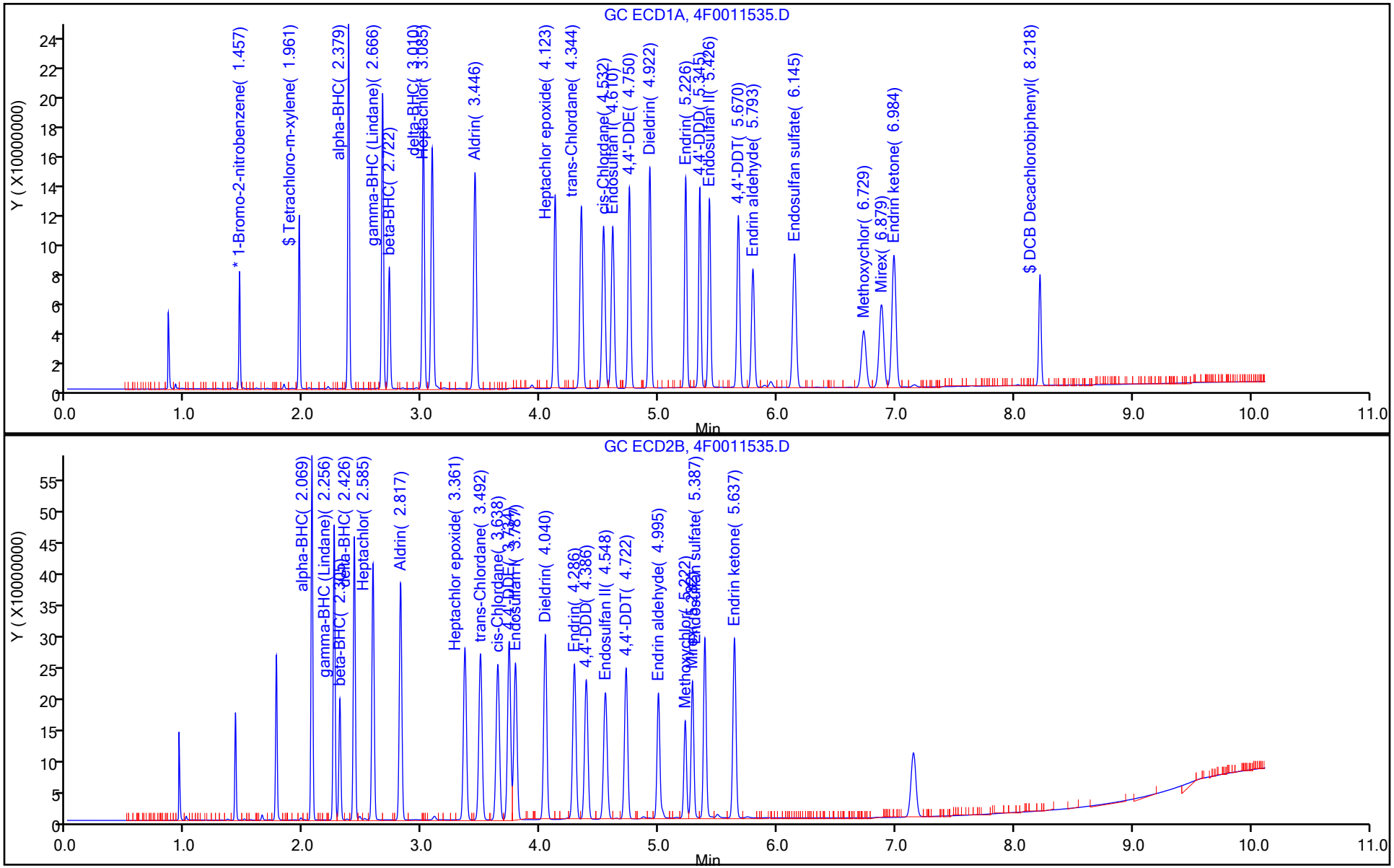
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 22

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

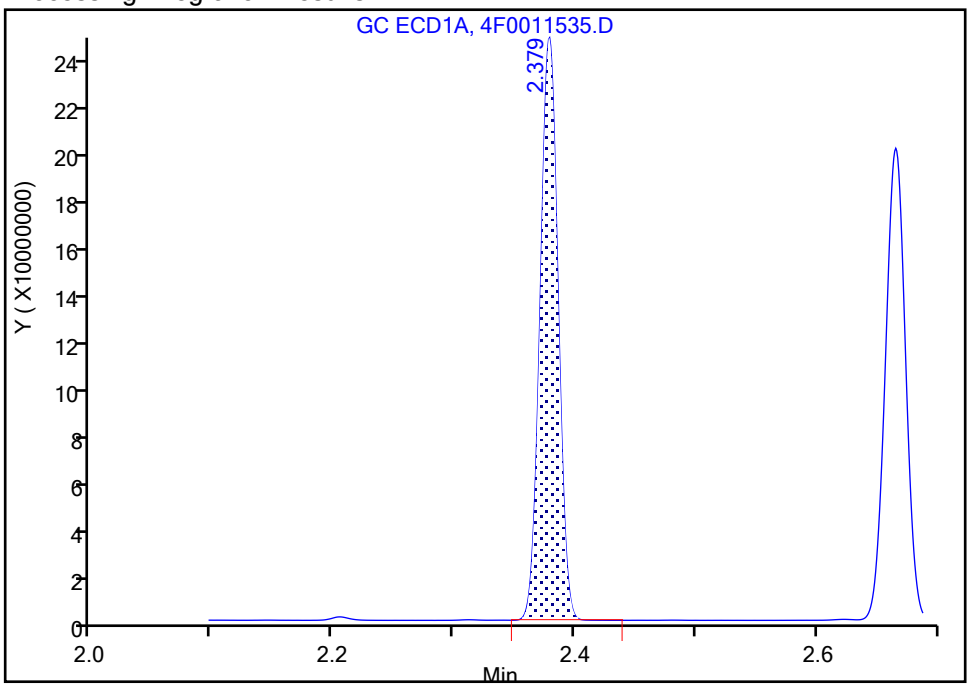
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6

Signal: 1

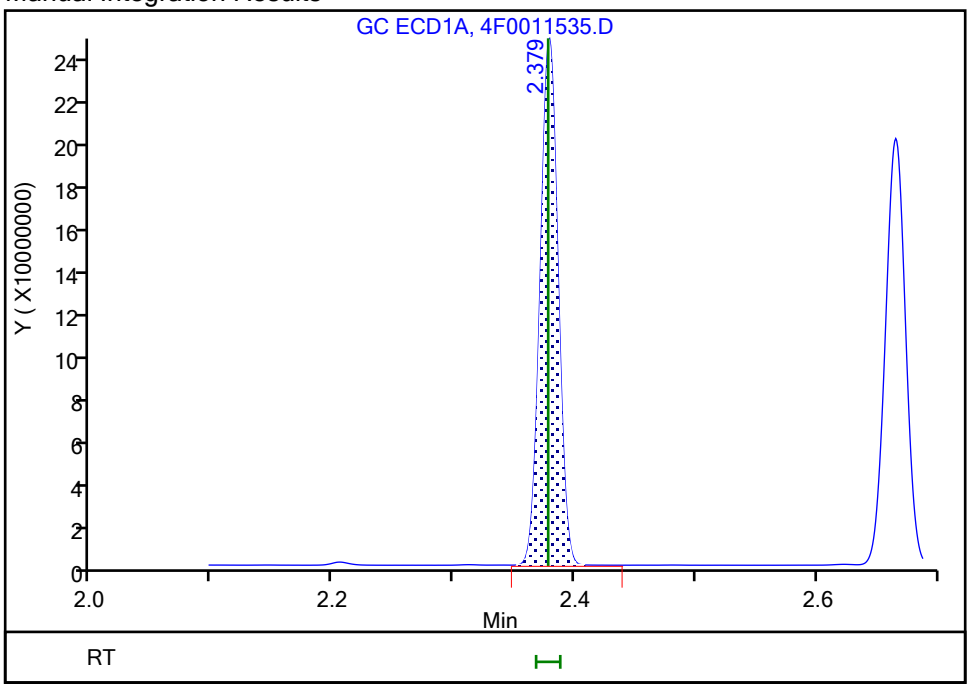
Processing Integration Results

RT: 2.38
Area: 248677926
Amount: 253.2066
Amount Units: ug/l




Manual Integration Results

RT: 2.38
Area: 248805086
Amount: 256.2286
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

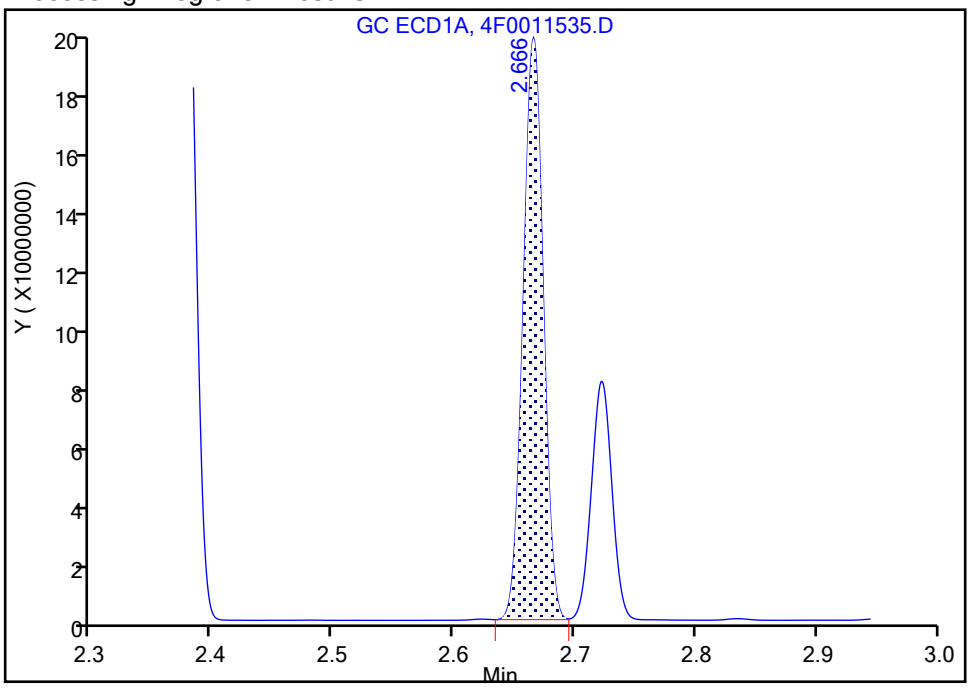
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

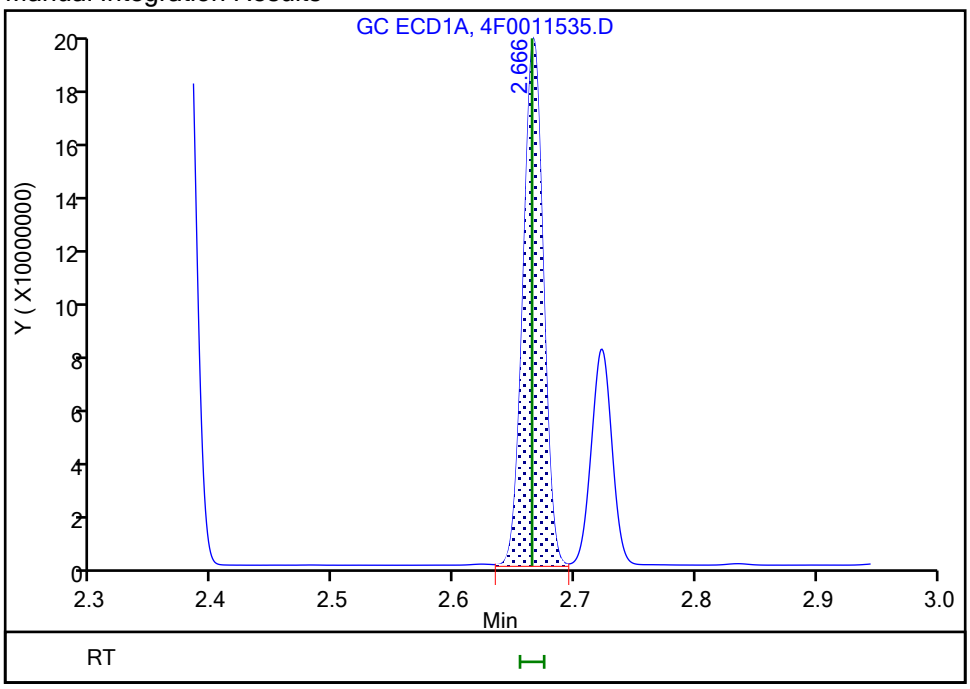
Processing Integration Results

RT: 2.67
Area: 225978080
Amount: 251.0745
Amount Units: ug/l




Manual Integration Results

RT: 2.67
Area: 227282268
Amount: 255.4755
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

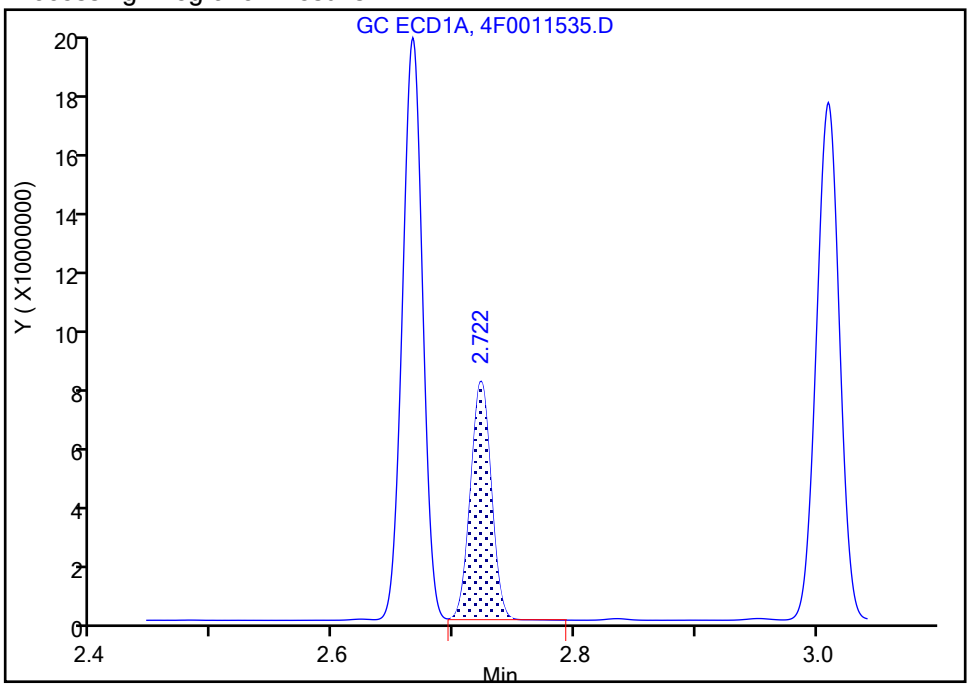
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

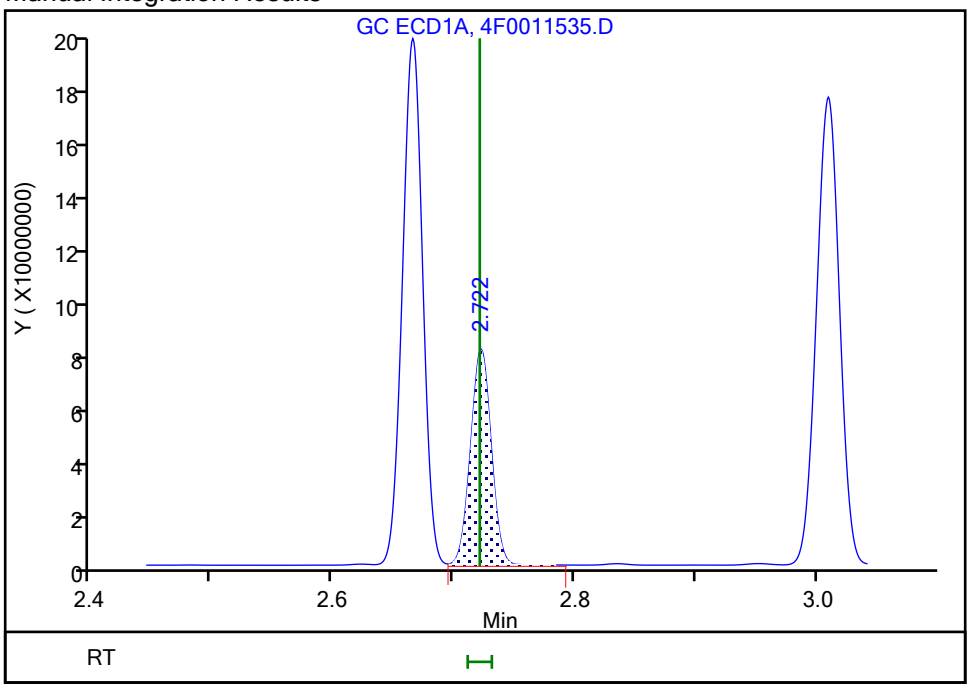
Processing Integration Results

RT: 2.72
Area: 94485852
Amount: 235.3875
Amount Units: ug/l




Manual Integration Results

RT: 2.72
Area: 96036897
Amount: 244.5763
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

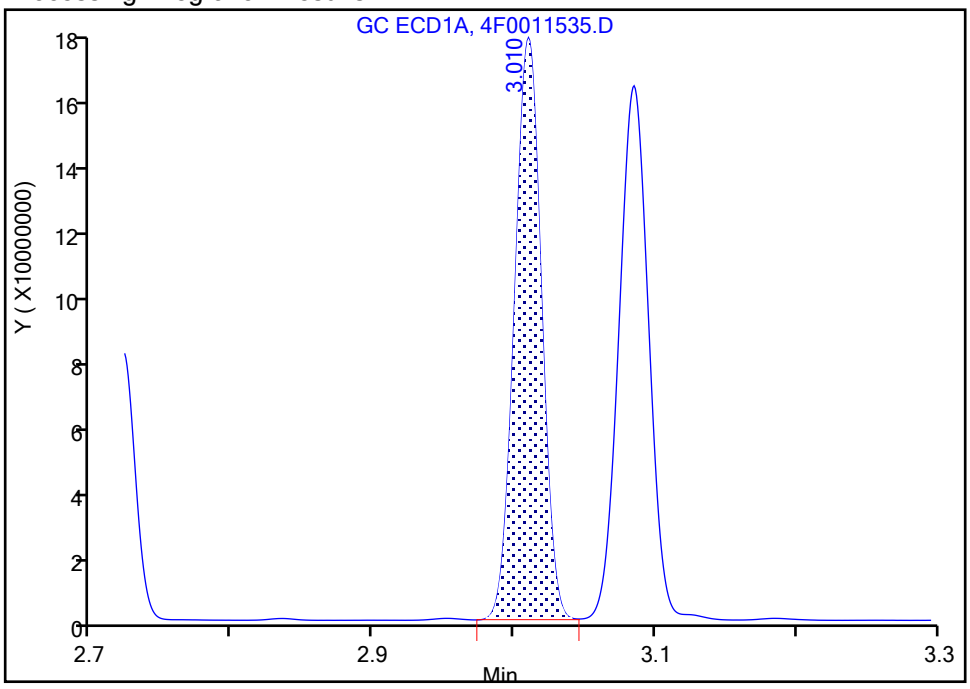
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

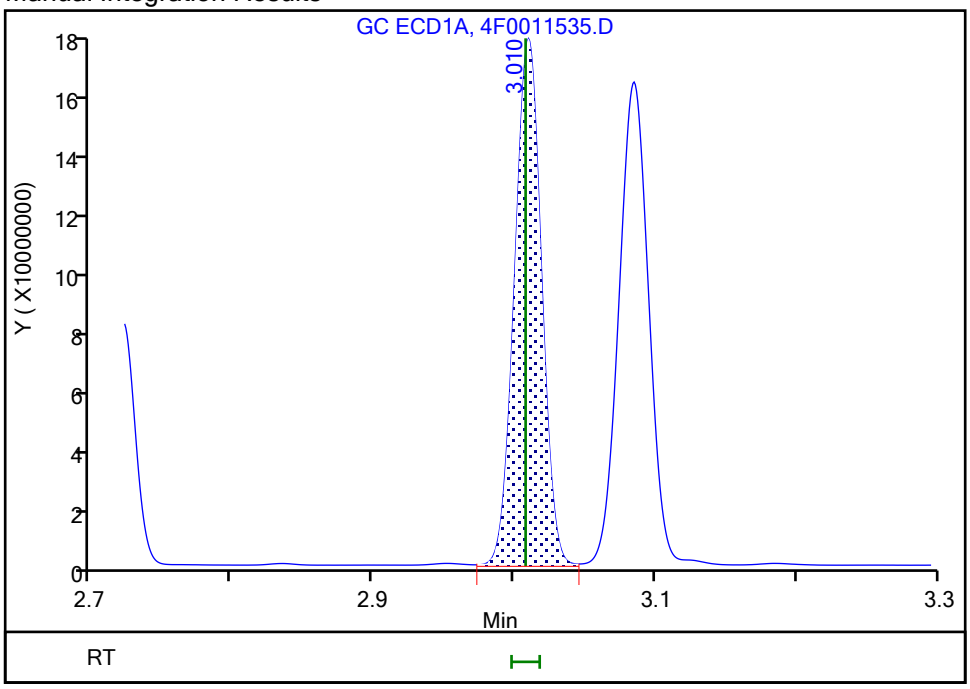
Processing Integration Results

RT: 3.01
Area: 229457508
Amount: 252.4310
Amount Units: ug/l




Manual Integration Results

RT: 3.01
Area: 230669801
Amount: 256.3186
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

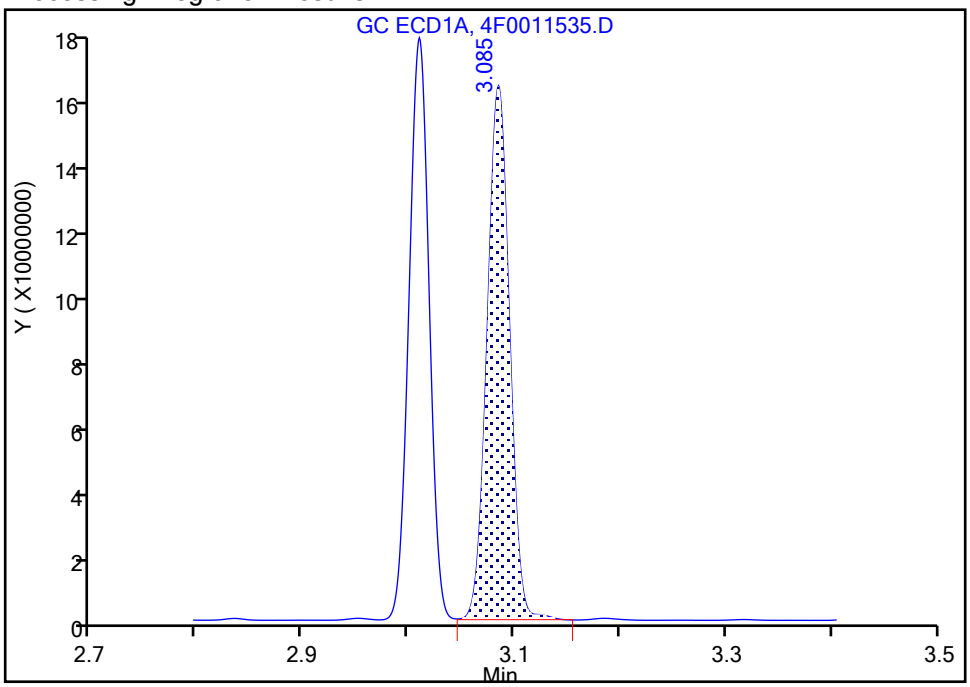
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

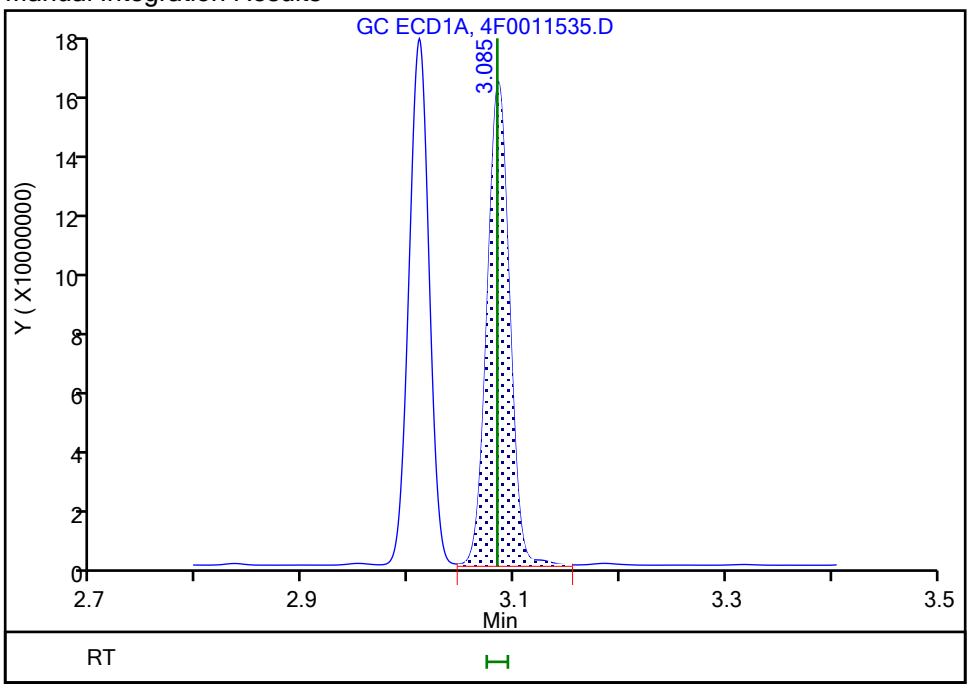
Processing Integration Results

RT: 3.08
Area: 233069152
Amount: 244.0171
Amount Units: ug/l




Manual Integration Results

RT: 3.08
Area: 234797094
Amount: 250.1357
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

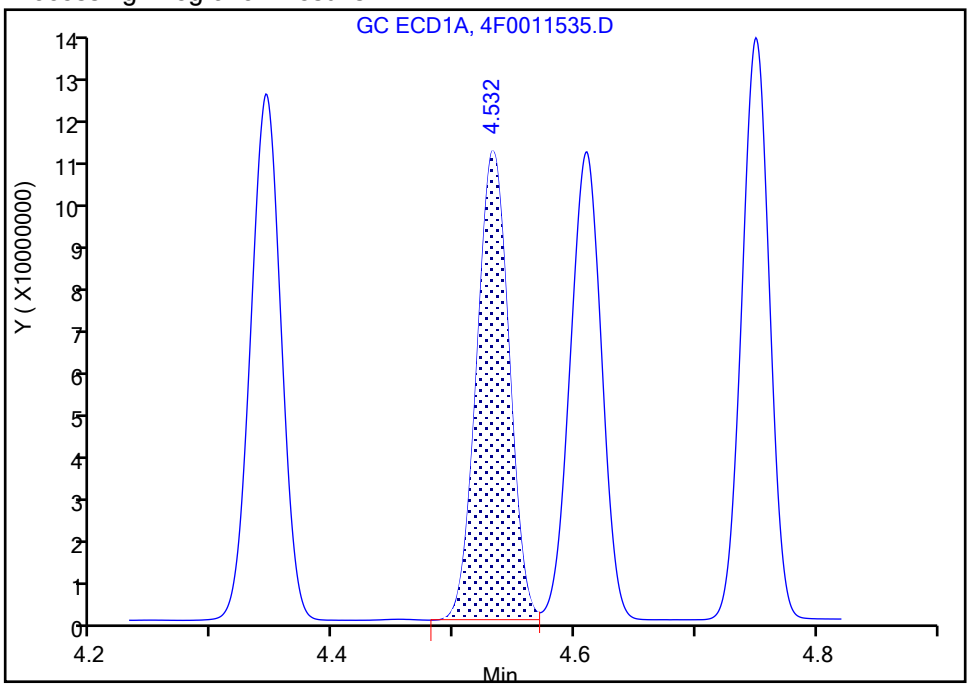
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

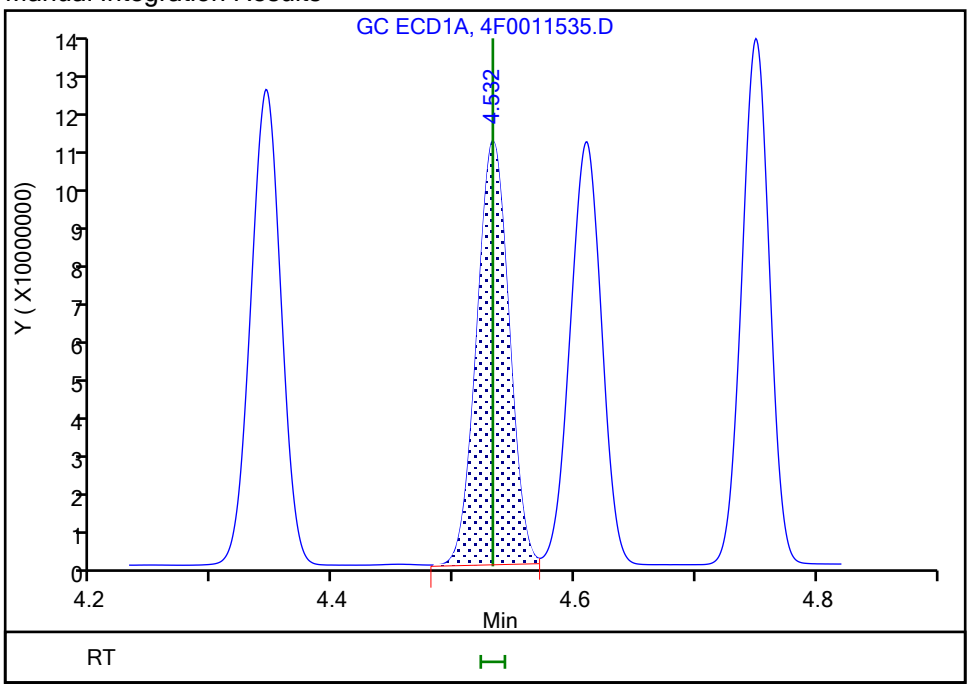
Processing Integration Results

RT: 4.53
Area: 199650540
Amount: 244.9501
Amount Units: ug/l




Manual Integration Results

RT: 4.53
Area: 200196580
Amount: 249.8062
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

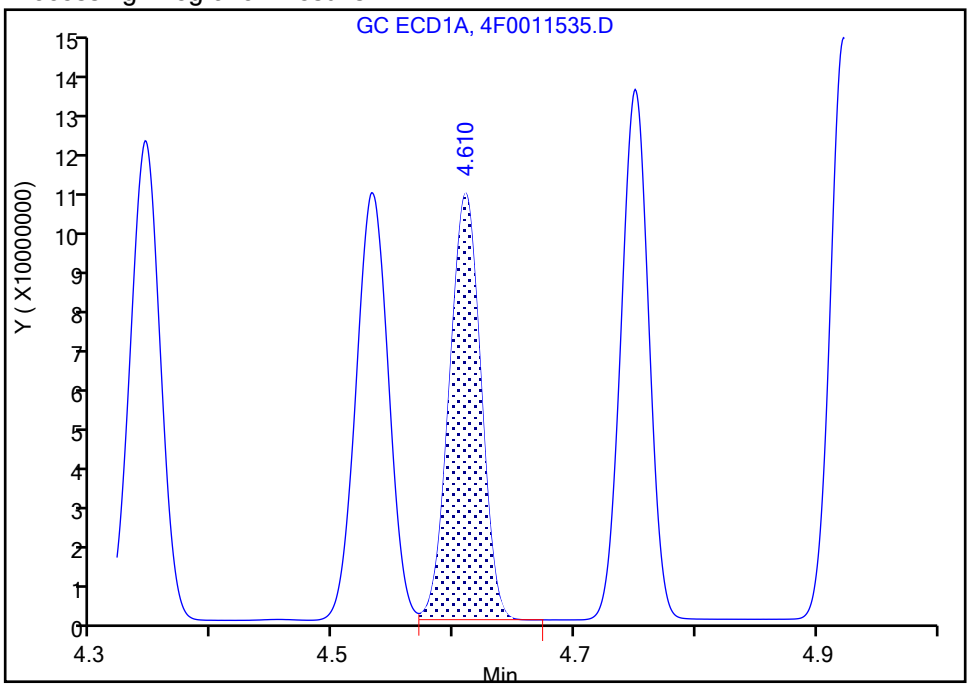
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

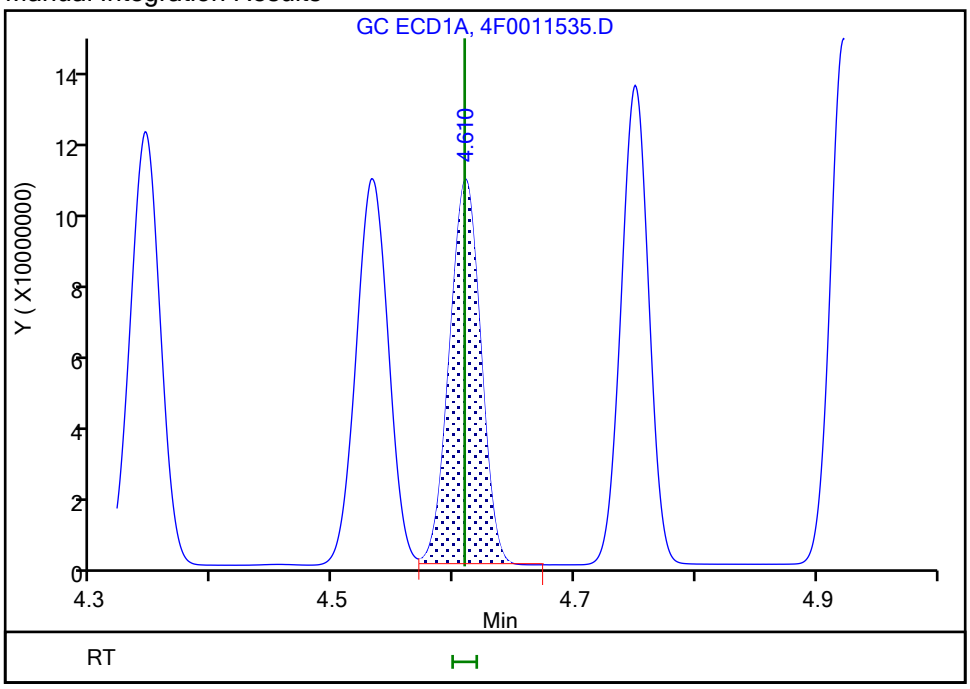
Processing Integration Results

RT: 4.61
Area: 193286191
Amount: 248.1901
Amount Units: ug/l




Manual Integration Results

RT: 4.61
Area: 193856585
Amount: 254.1896
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

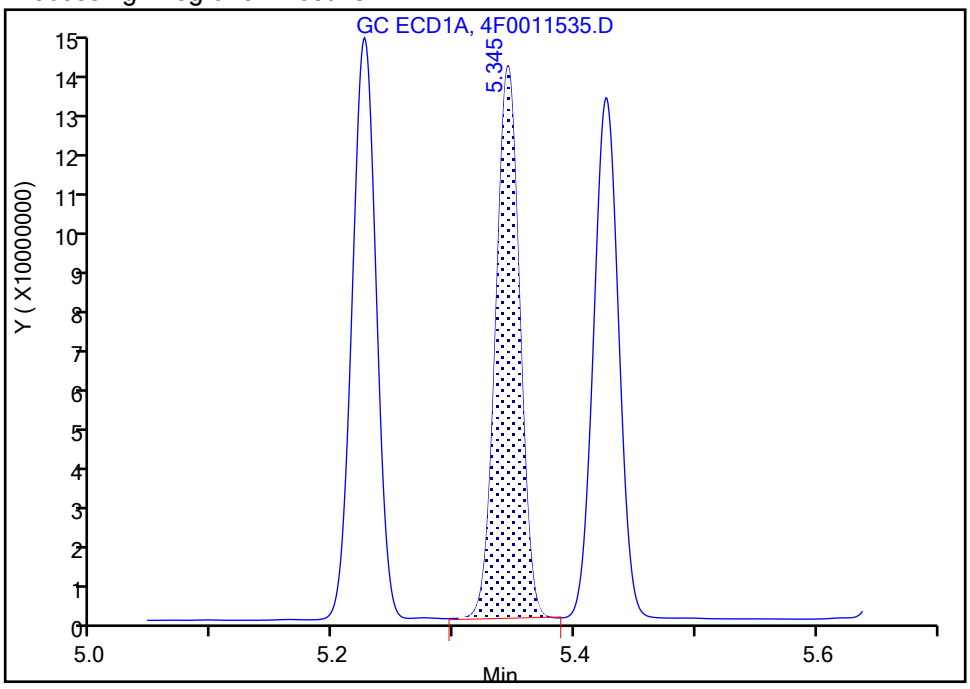
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

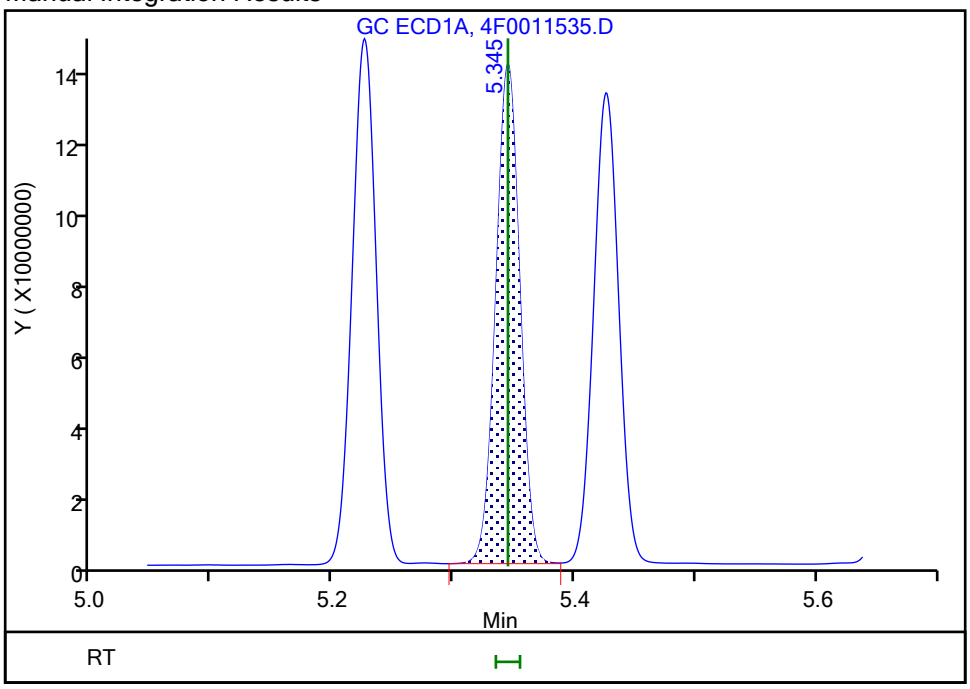
Processing Integration Results

RT: 5.34
Area: 182091180
Amount: 247.2005
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 182619535
Amount: 249.3178
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:53 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

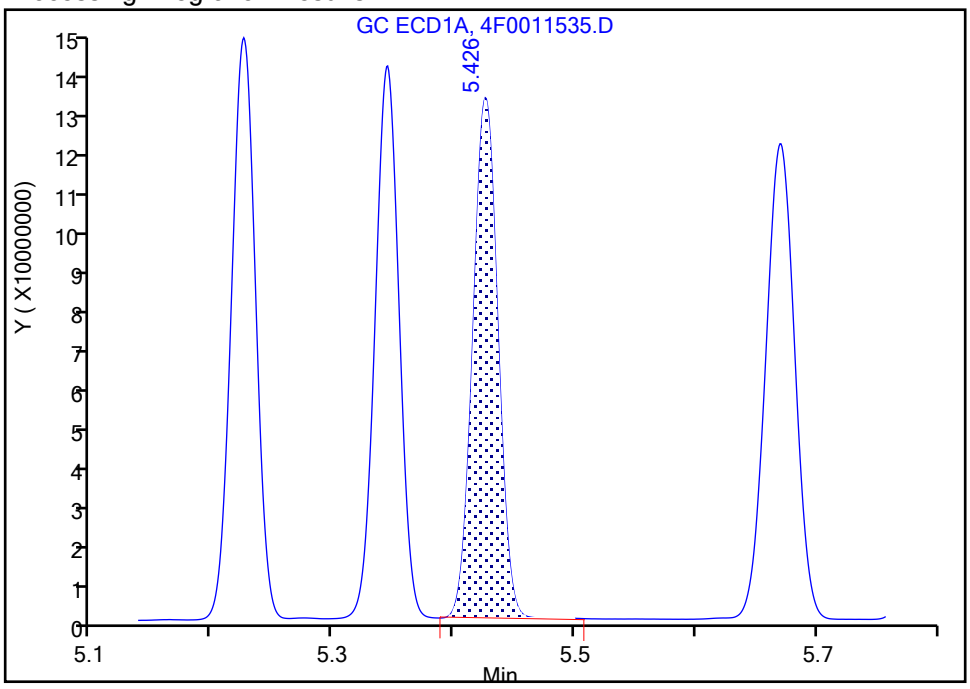
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

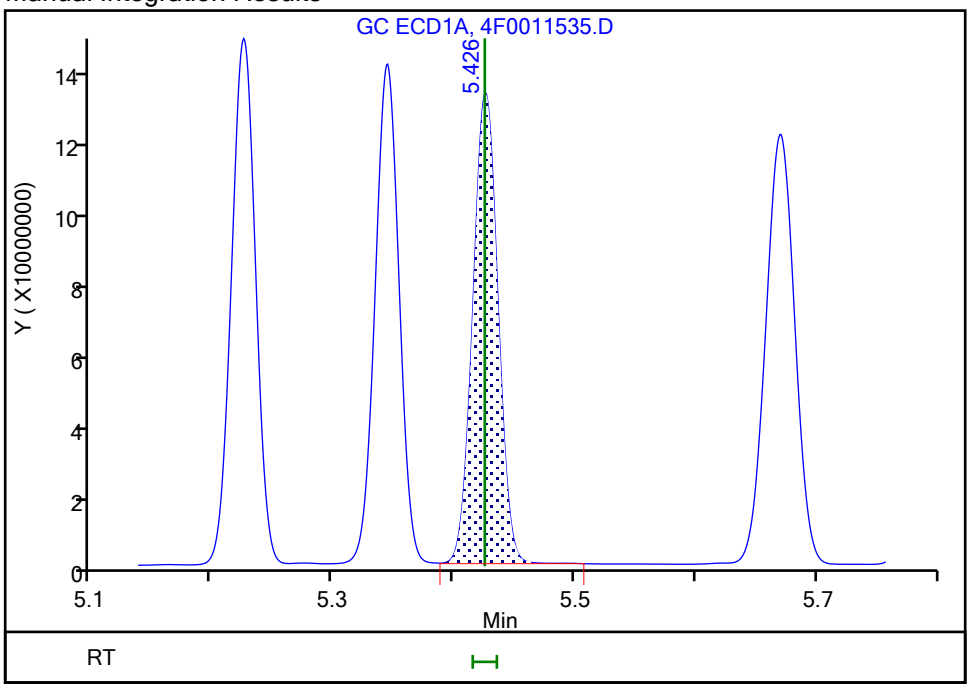
Processing Integration Results

RT: 5.43
Area: 179333412
Amount: 239.3199
Amount Units: ug/l




Manual Integration Results

RT: 5.43
Area: 180147919
Amount: 252.1989
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:20:53 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 09:20:00 ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:42 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:32:53

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 59496352 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 138199770 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 124011503 | 200.0 | 189.2 | |
| 2 | 1.769 | 1.769 | 0.000 | 298641748 | 200.0 | 186.6 | |
| | | | | | | RPD = 1.40 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.379 | 2.378 | 0.001 | 457420691 | 500.0 | 476.9 | |
| 2 | 2.070 | 2.069 | 0.001 | 1109547972 | 500.0 | 480.7 | |
| | | | | | | RPD = 0.79 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.666 | 2.664 | 0.002 | 416258780 | 500.0 | 473.7 | M |
| 2 | 2.257 | 2.256 | 0.001 | 997580775 | 500.0 | 476.2 | |
| | | | | | | RPD = 0.53 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 173602923 | 500.0 | 447.6 | M |
| 2 | 2.305 | 2.304 | 0.001 | 403769777 | 500.0 | 449.2 | |
| | | | | | | RPD = 0.37 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.010 | 3.008 | 0.002 | 424175259 | 500.0 | 477.2 | M |
| 2 | 2.427 | 2.426 | 0.001 | 1006987924 | 500.0 | 475.6 | |
| | | | | | | RPD = 0.34 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.085 | 3.084 | 0.001 | 427675113 | 500.0 | 461.3 | M |
| 2 | 2.586 | 2.584 | 0.002 | 1019408076 | 500.0 | 462.7 | |
| | | | | | | RPD = 0.31 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 436432771 | 500.0 | 471.6 | |
| 2 | 2.818 | 2.817 | 0.001 | 1035189723 | 500.0 | 471.0 | |
| | | | | | | RPD = 0.12 | |
| 12 Heptachlor epoxide | | | | | | | M |
| 1 | 4.123 | 4.121 | 0.002 | 366624819 | 500.0 | 453.4 | M |
| 2 | 3.361 | 3.360 | 0.001 | 900357160 | 500.0 | 453.6 | |
| | | | | | | RPD = 0.06 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.344 | 4.343 | 0.001 | 383547580 | 500.0 | 464.8 | |
| 2 | 3.492 | 3.490 | 0.002 | 936453049 | 500.0 | 458.0 | M |
| | | | | | | RPD = 1.48 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.531 | 4.532 | -0.001 | 367739864 | 500.0 | 464.6 | |
| 2 | 3.639 | 3.638 | 0.001 | 907353868 | 500.0 | 460.1 | M |
| | | | | | | RPD = 0.96 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.608 | 4.609 | -0.001 | 343651619 | 500.0 | 456.2 | |
| 2 | 3.787 | 3.786 | 0.001 | 845457465 | 500.0 | 450.4 | M |
| | | | | | | RPD = 1.29 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 387815299 | 500.0 | 474.6 | |
| 2 | 3.734 | 3.733 | 0.001 | 967444620 | 500.0 | 466.4 | M |
| | | | | | | RPD = 1.75 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 395559462 | 500.0 | 467.6 | |
| 2 | 4.040 | 4.039 | 0.001 | 991751160 | 500.0 | 470.0 | |
| | | | | | | RPD = 0.51 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.226 | 5.224 | 0.002 | 350787986 | 500.0 | 454.2 | M |
| 2 | 4.285 | 4.284 | 0.001 | 909581167 | 500.0 | 475.4 | M |
| | | | | | | RPD = 4.56 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 352542885 | 500.0 | 487.3 | M |
| 2 | 4.386 | 4.385 | 0.001 | 819882714 | 500.0 | 473.4 | M |
| | | | | | | RPD = 2.89 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 281958718 | 500.0 | 399.6 | M |
| 2 | 4.547 | 4.547 | 0.000 | 681441288 | 500.0 | 409.7 | |
| | | | | | | RPD = 2.50 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 345329895 | 500.0 | 470.7 | |
| 2 | 4.722 | 4.722 | 0.000 | 837965733 | 500.0 | 479.4 | |
| | | | | | | RPD = 1.84 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 251095925 | 500.0 | 447.2 | |
| 2 | 4.995 | 4.994 | 0.001 | 642210447 | 500.0 | 455.4 | |
| | | | | | | RPD = 1.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.143 | 6.144 | -0.001 | 334102804 | 500.0 | 440.1 | |
| 2 | 5.387 | 5.387 | 0.000 | 846685306 | 500.0 | 449.4 | |
| | | | | | | RPD = 2.10 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.729 | 6.729 | 0.000 | 184436808 | 500.0 | 445.2 | |
| 2 | 5.221 | 5.221 | 0.000 | 442053505 | 500.0 | 459.9 | |
| | | | | | | RPD = 3.24 | |
| 34 Mirex | | | | | | | |
| 1 | 6.879 | 6.879 | 0.000 | 264769122 | 500.0 | 427.6 | |
| 2 | 5.282 | 5.282 | 0.000 | 632231169 | 500.0 | 447.4 | |
| | | | | | | RPD = 4.51 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.983 | 6.984 | -0.001 | 381653788 | 500.0 | 436.9 | |
| 2 | 5.637 | 5.637 | 0.000 | 948317448 | 500.0 | 450.0 | |
| | | | | | | RPD = 2.96 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.217 | 8.219 | -0.002 | 121365351 | 200.0 | 177.0 | |
| 2 | 7.148 | 7.149 | -0.001 | 361490971 | 200.0 | 182.3 | |
| | | | | | | RPD = 2.96 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 855.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

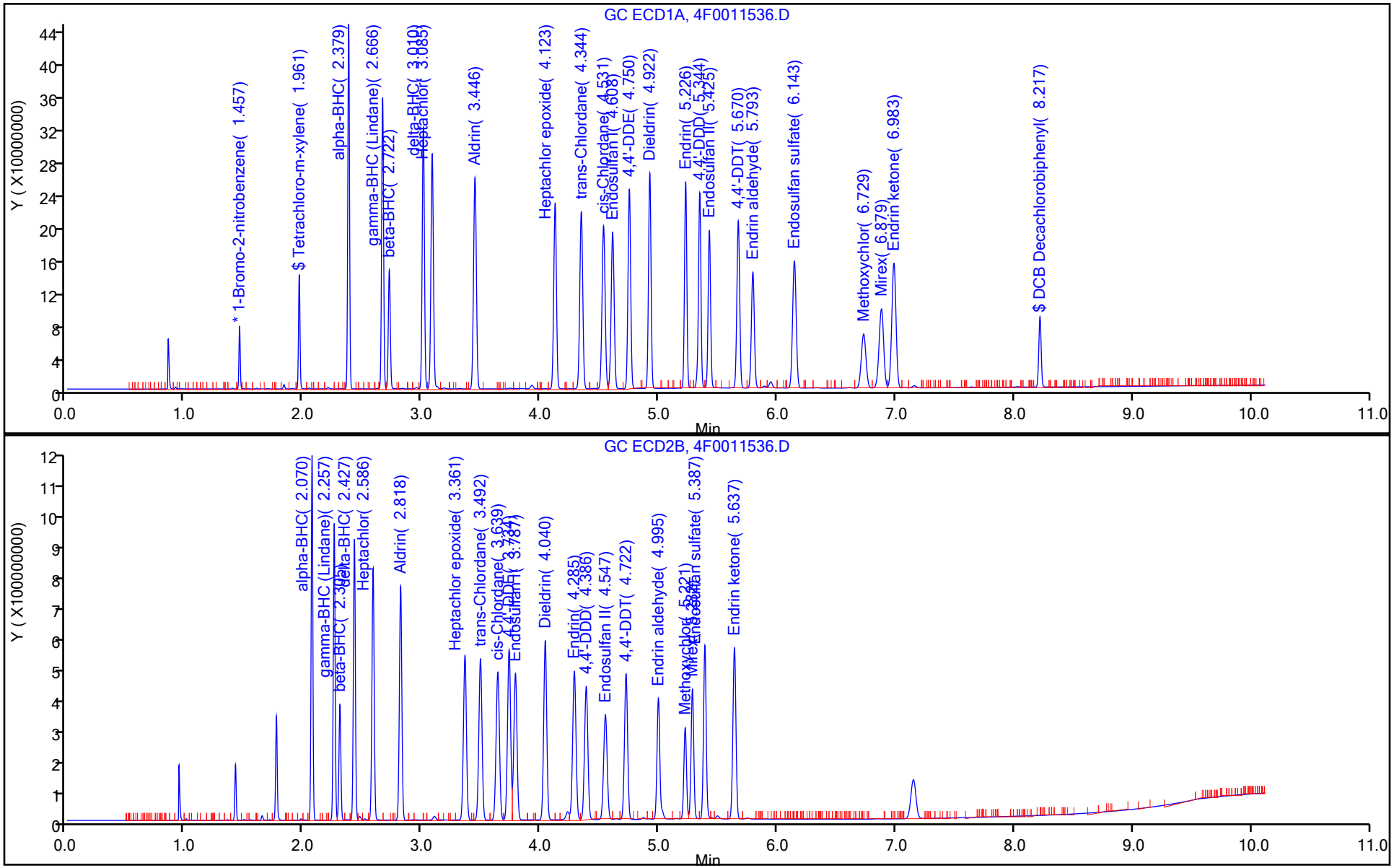
| | | | |
|---|---|---|---|
| SGPESTL5_00043 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:43 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 09:20:00 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

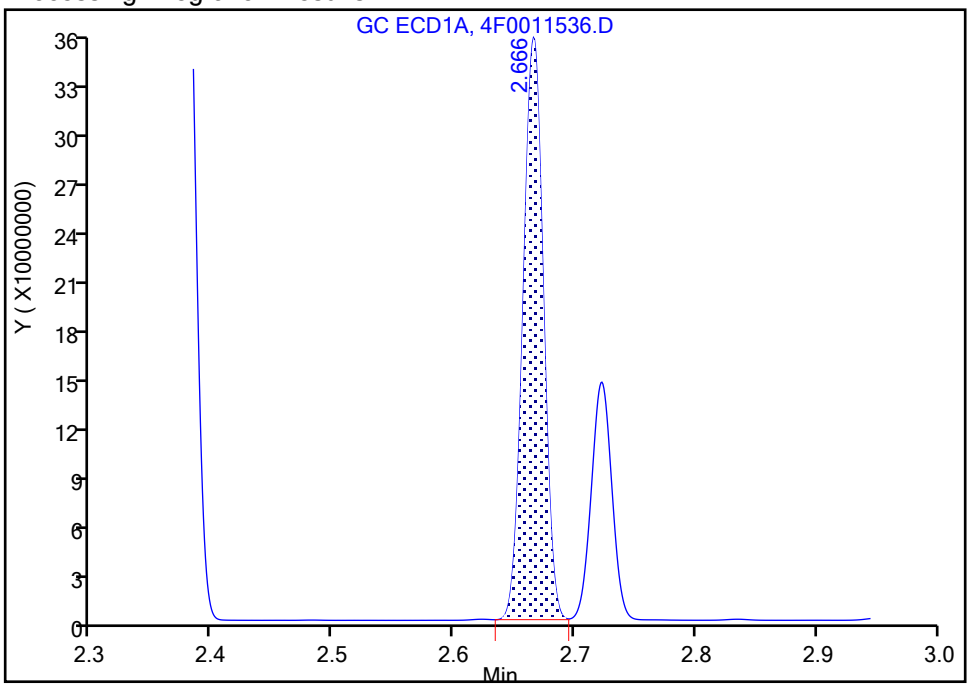
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

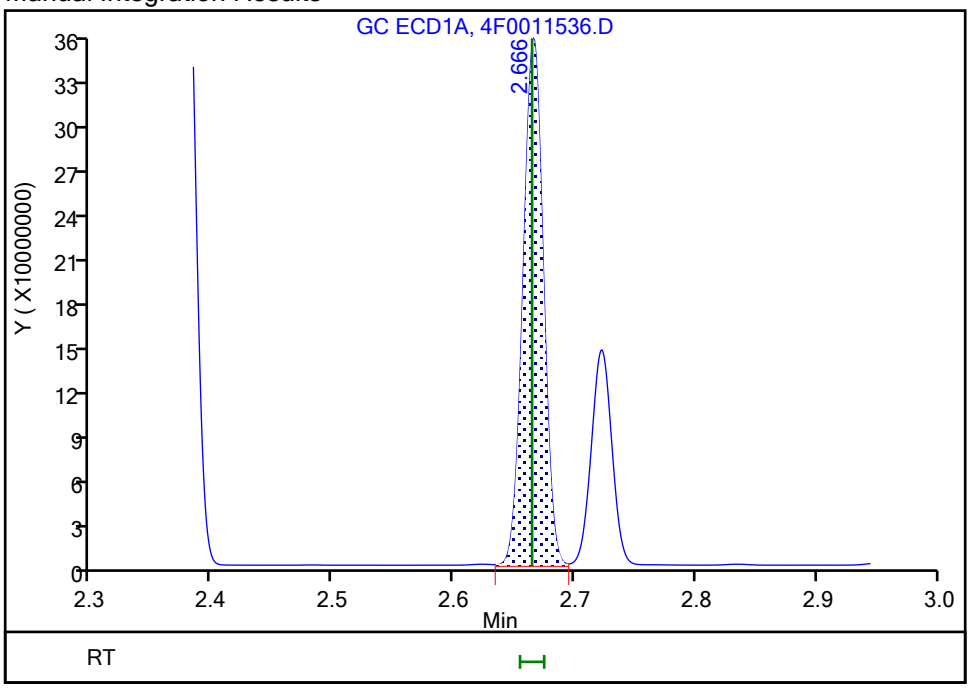
Processing Integration Results

RT: 2.67
Area: 413890363
Amount: 471.5015
Amount Units: ug/l




Manual Integration Results

RT: 2.67
Area: 416258780
Amount: 473.6884
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

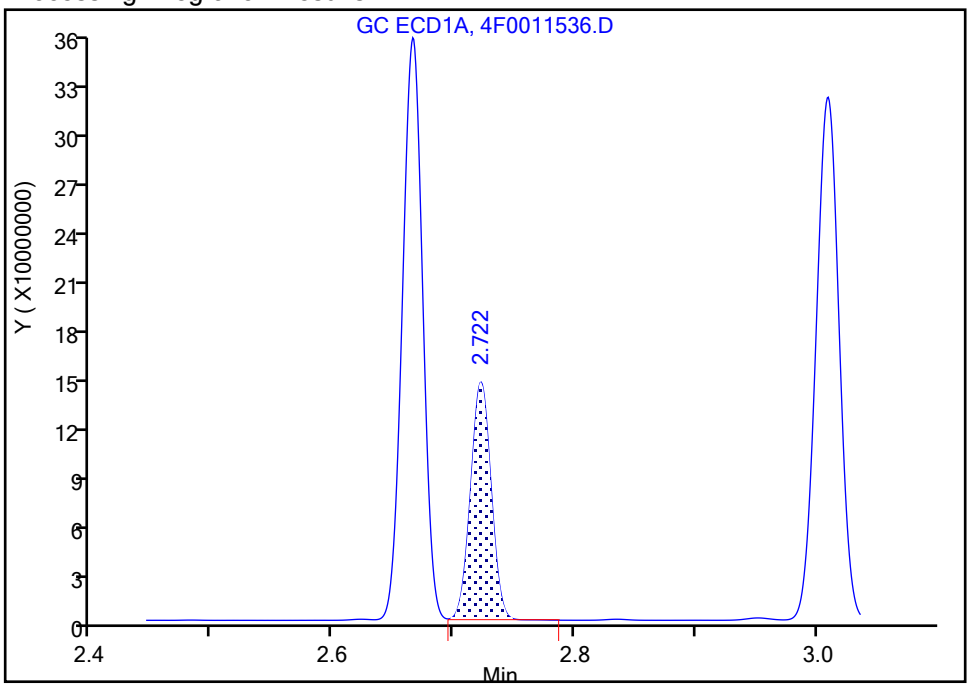
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

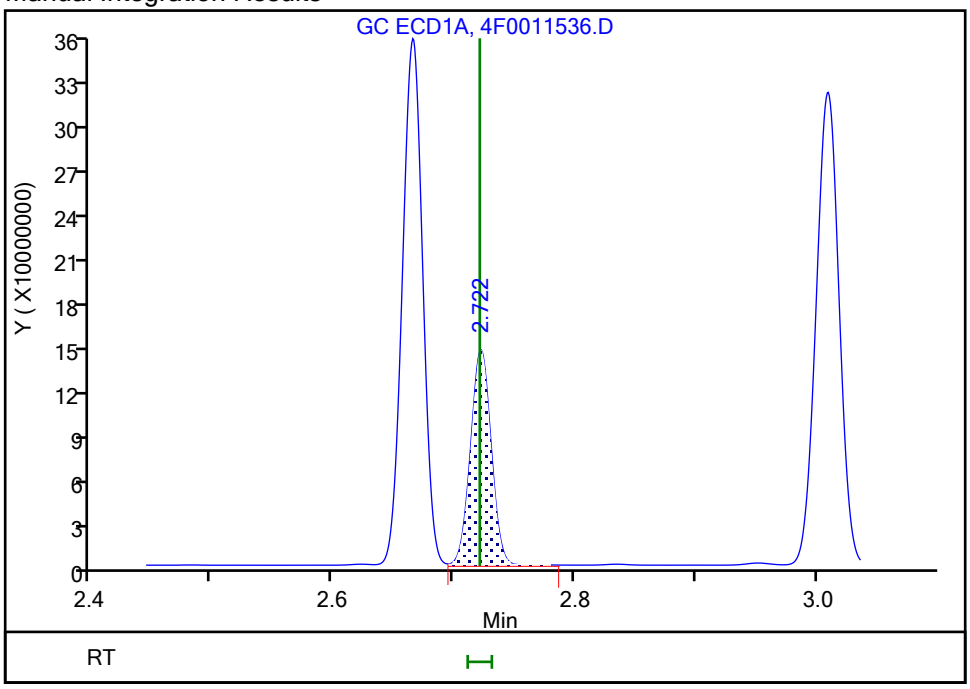
Processing Integration Results

RT: 2.72
Area: 170941269
Amount: 441.9392
Amount Units: ug/l




Manual Integration Results

RT: 2.72
Area: 173602923
Amount: 447.5885
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

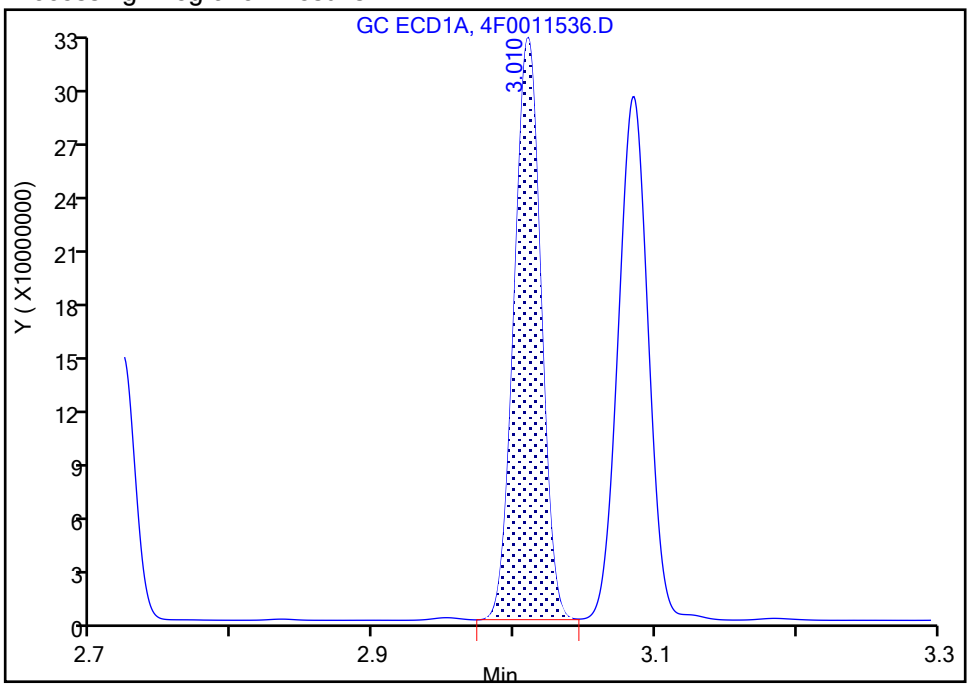
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

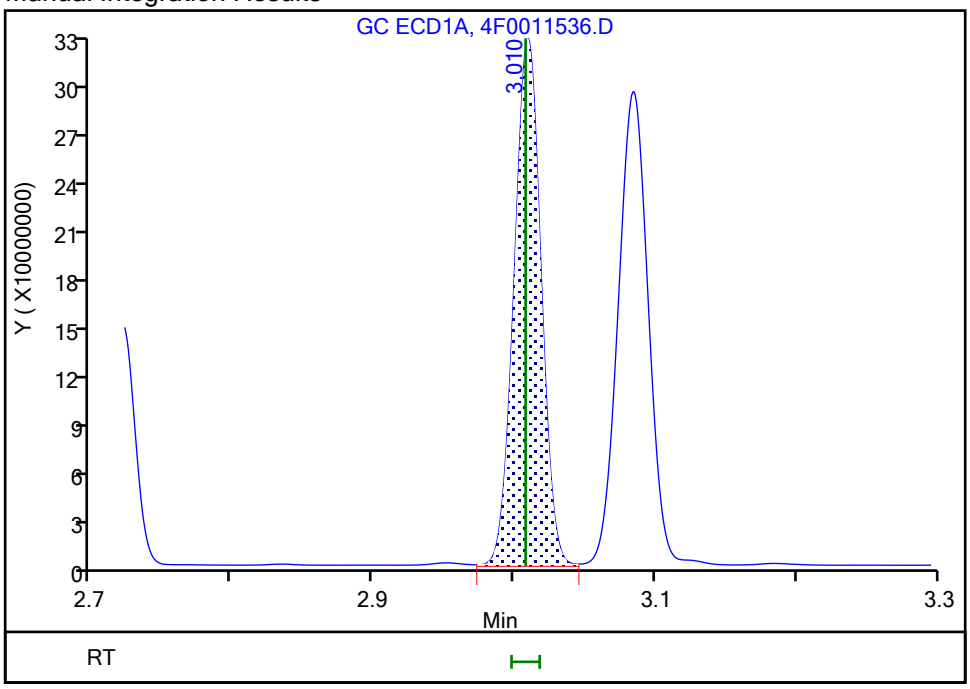
Processing Integration Results

RT: 3.01
Area: 422051545
Amount: 475.2430
Amount Units: ug/l




Manual Integration Results

RT: 3.01
Area: 424175259
Amount: 477.1779
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison

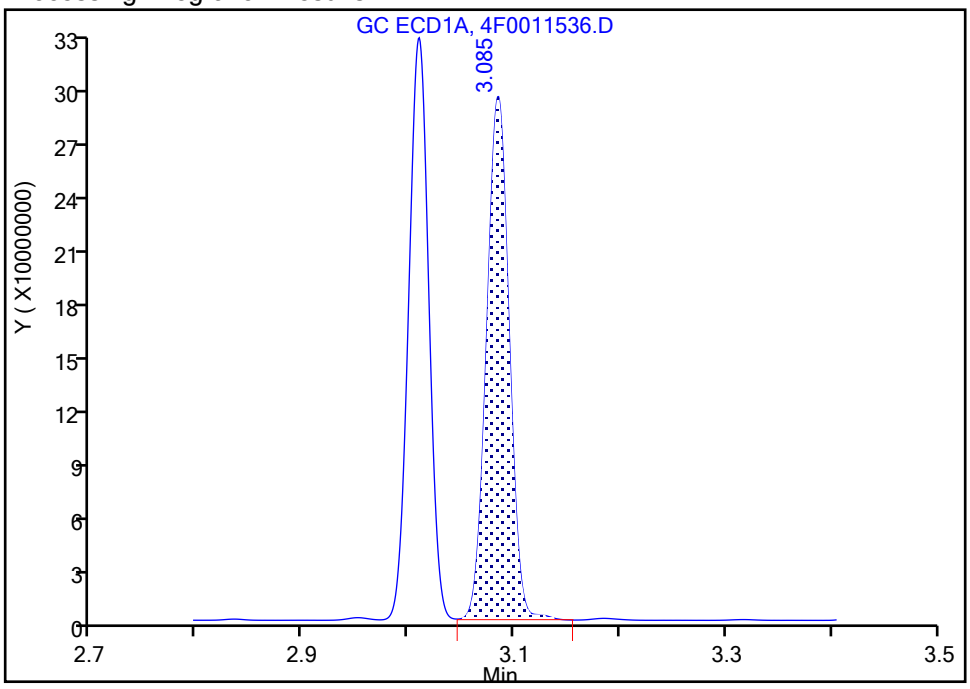
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

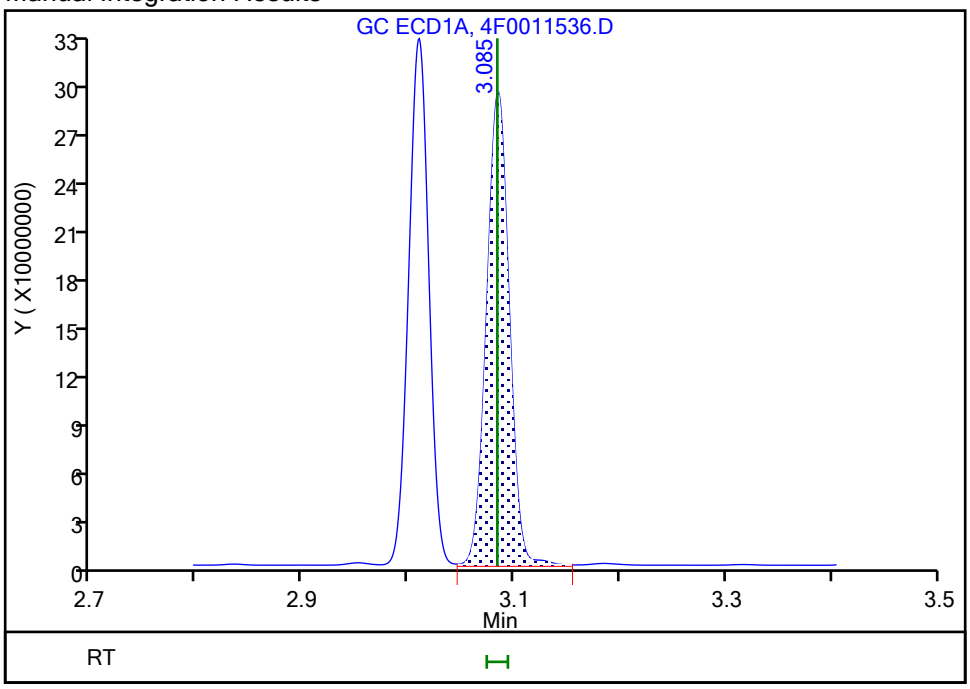
Processing Integration Results

RT: 3.08
Area: 424891530
Amount: 458.8055
Amount Units: ug/l




Manual Integration Results

RT: 3.08
Area: 427675113
Amount: 461.2567
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison

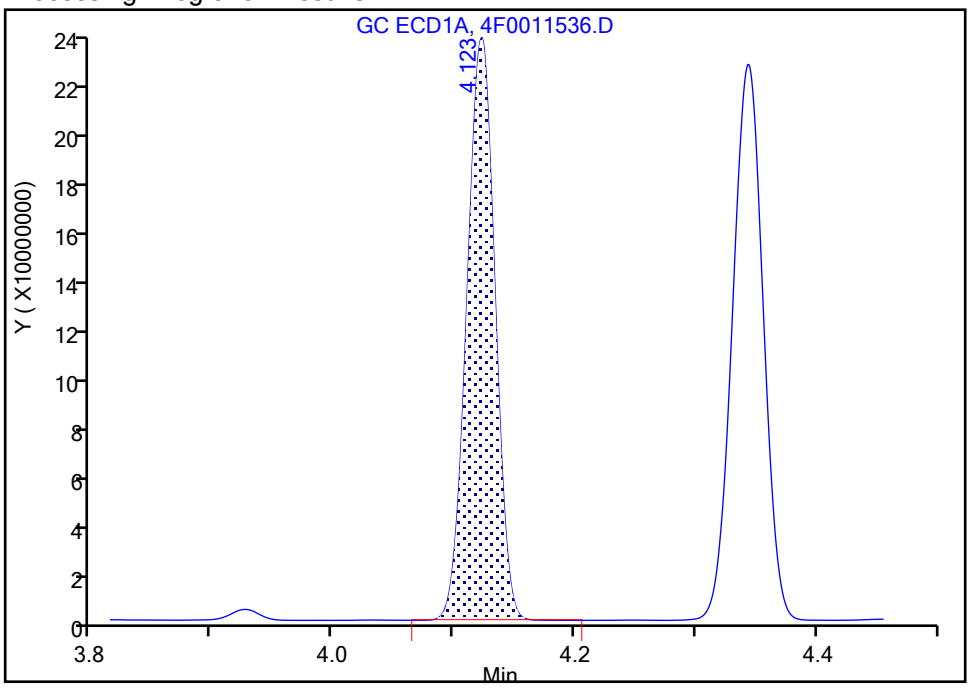
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3

Signal: 1

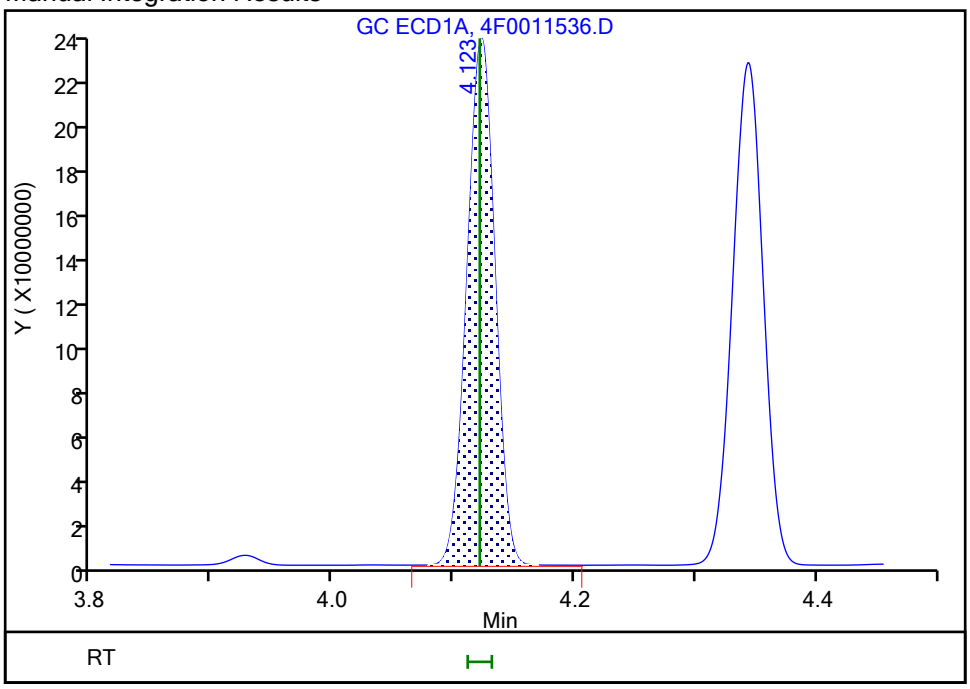
Processing Integration Results

RT: 4.12
Area: 366378721
Amount: 453.1029
Amount Units: ug/l




Manual Integration Results

RT: 4.12
Area: 366624819
Amount: 453.3520
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

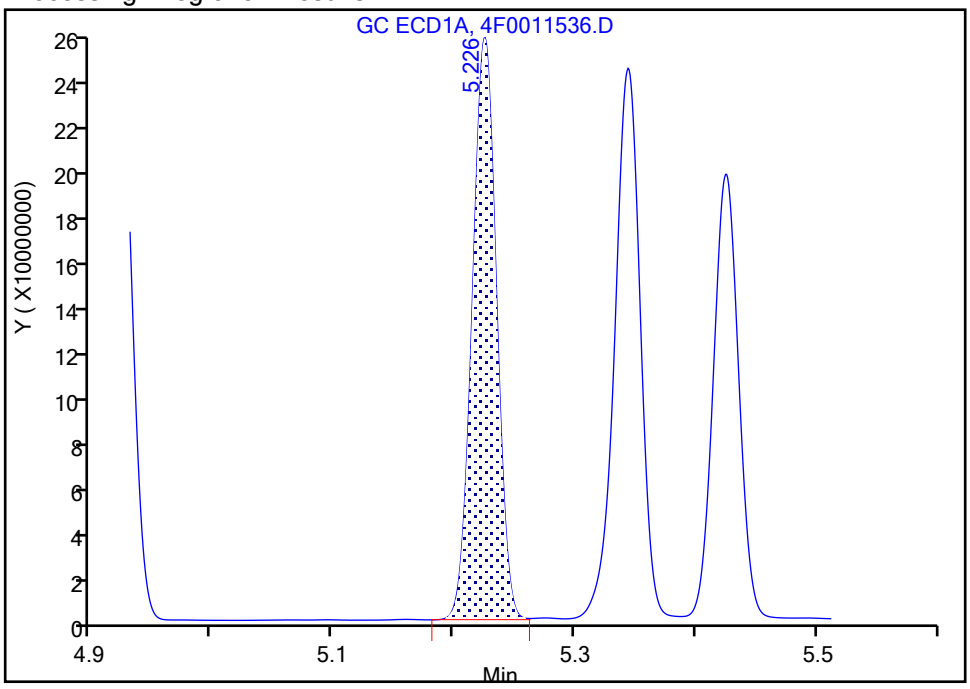
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

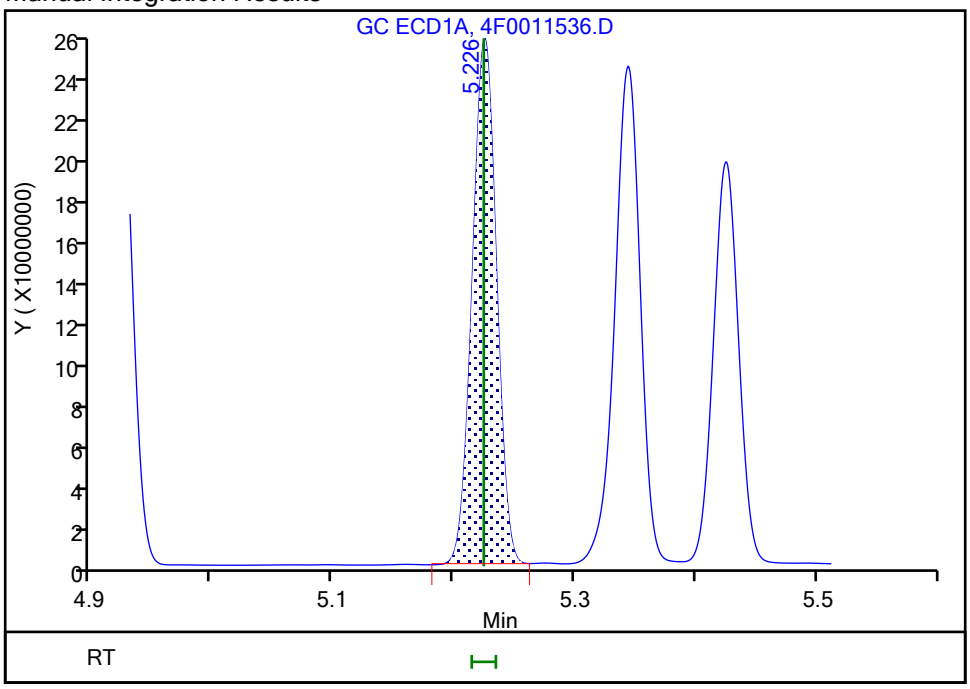
Processing Integration Results

RT: 5.23
Area: 349188284
Amount: 452.5112
Amount Units: ug/l




Manual Integration Results

RT: 5.23
Area: 350787986
Amount: 454.2076
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

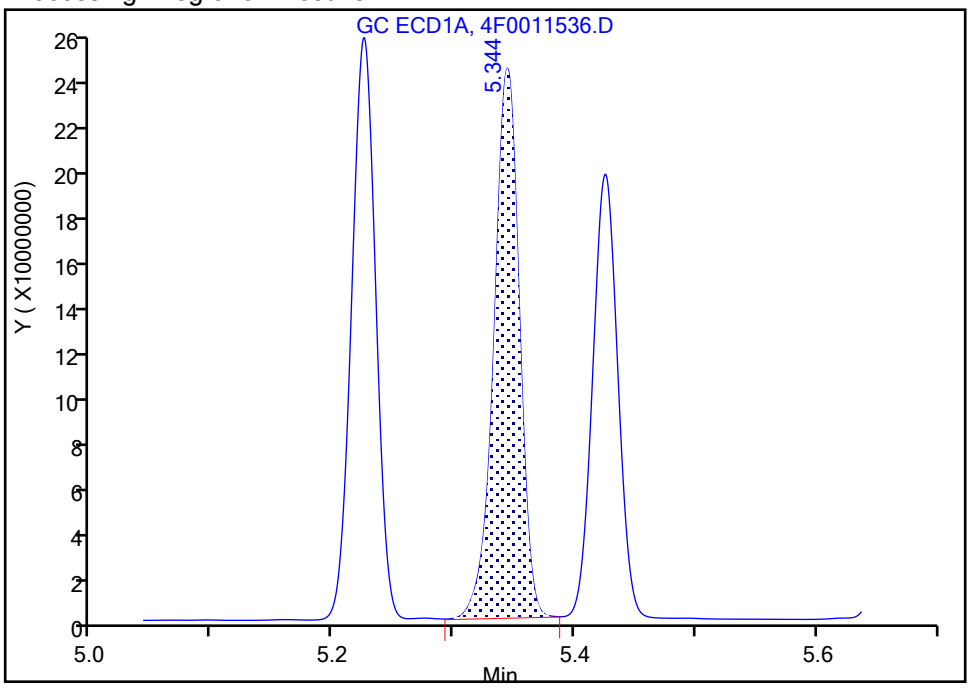
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

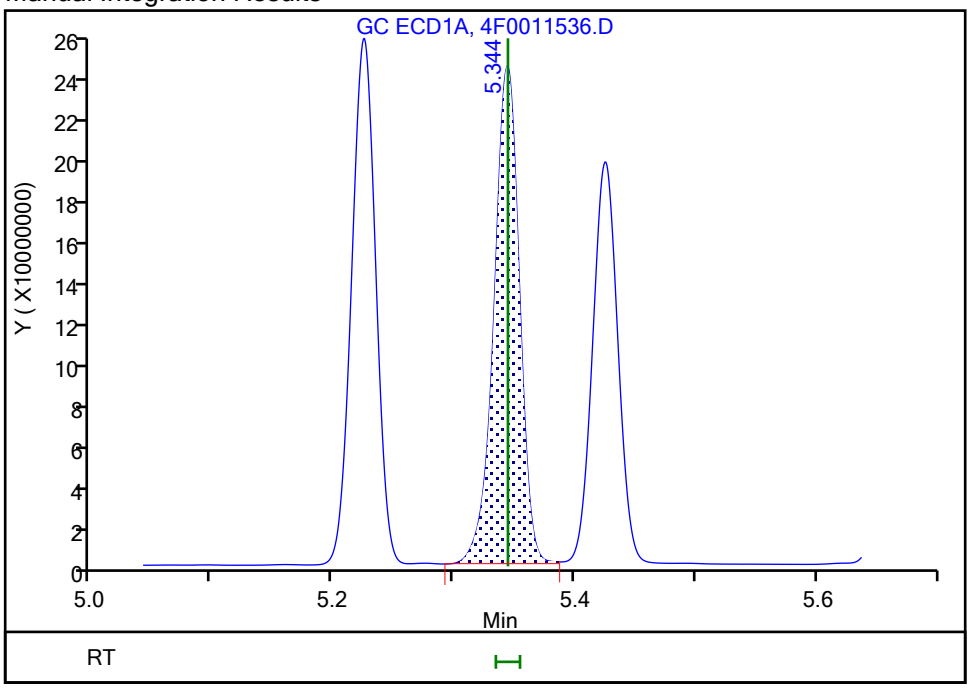
Processing Integration Results

RT: 5.34
Area: 347521915
Amount: 481.6606
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 352542885
Amount: 487.2632
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

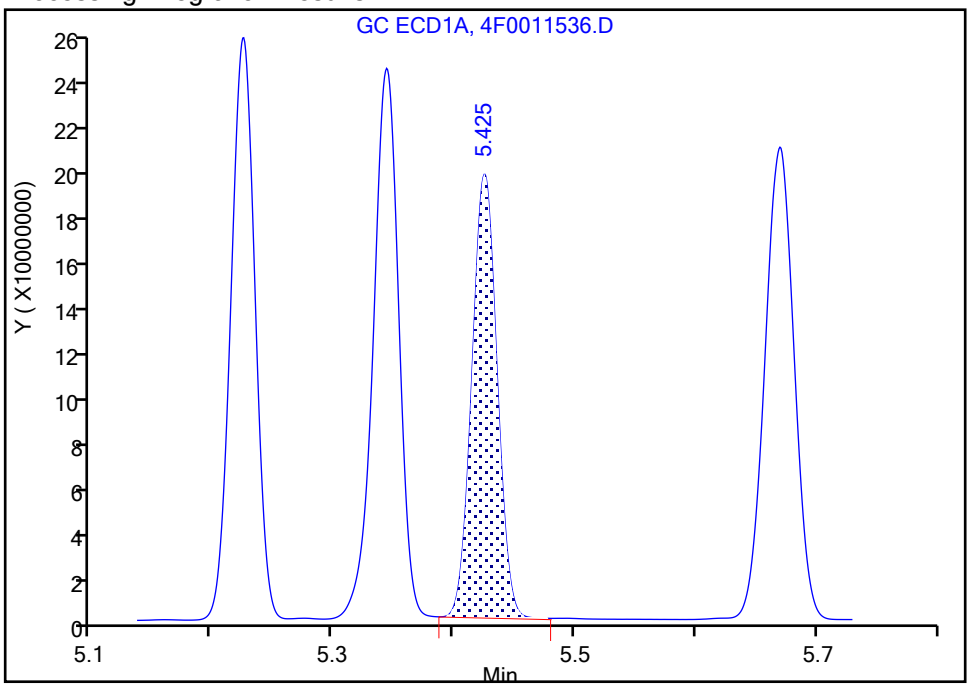
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

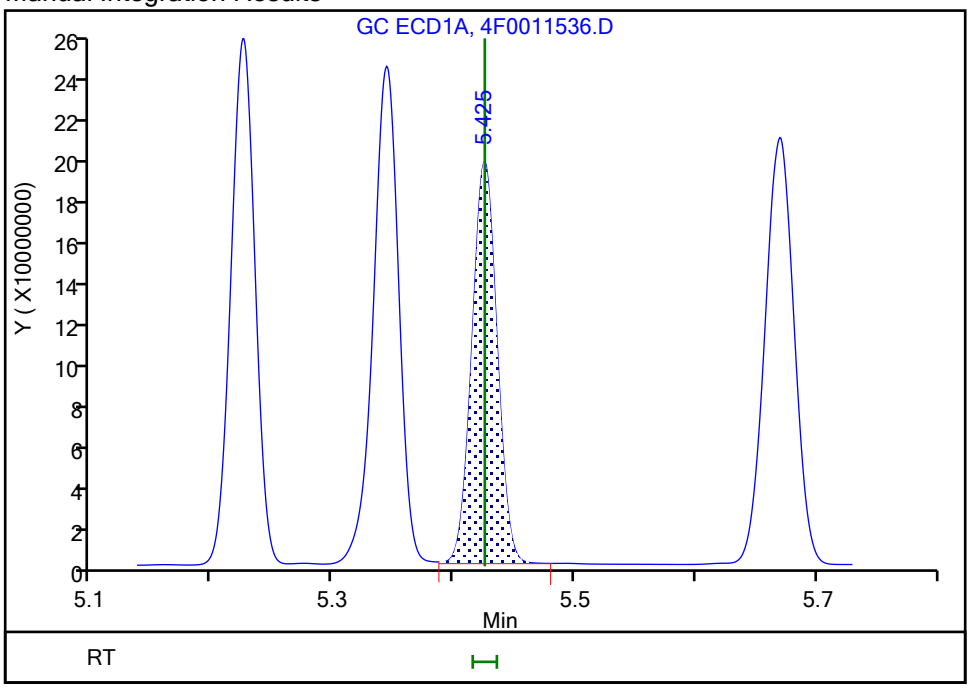
Processing Integration Results

RT: 5.42
Area: 276560161
Amount: 393.1701
Amount Units: ug/l




Manual Integration Results

RT: 5.42
Area: 281958718
Amount: 399.6181
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

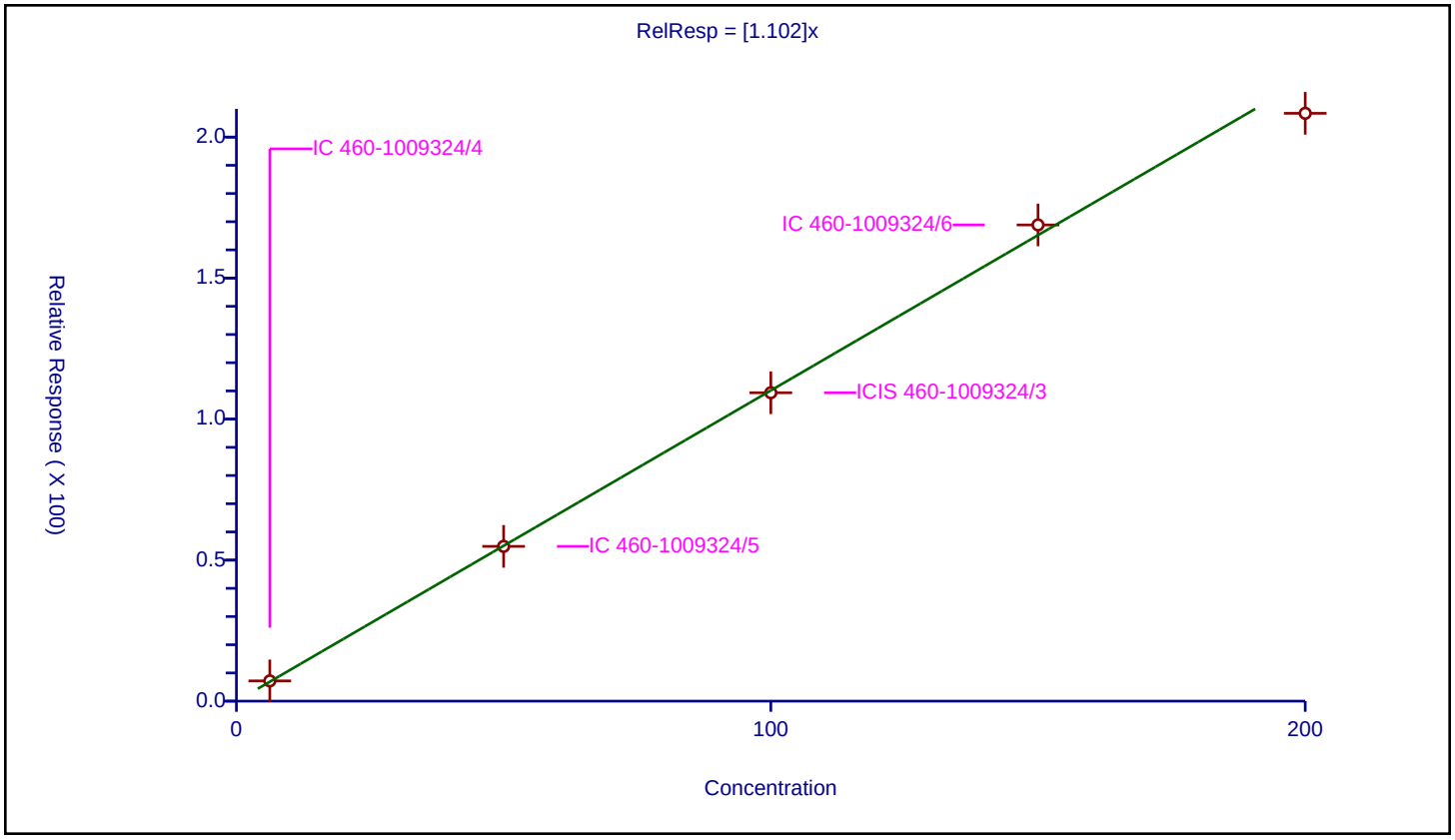
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.102 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 6.25 | 7.179206 | 100.0 | 57509421.0 | 1.148673 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 54.877859 | 100.0 | 59857393.0 | 1.097557 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 109.353366 | 100.0 | 56585586.0 | 1.093534 | Y |
| 4 | IC 460-1009324/6 | 150.0 | 168.851271 | 100.0 | 60233209.0 | 1.125675 | Y |
| 5 | IC 460-1009324/7 | 200.0 | 208.435473 | 100.0 | 59496352.0 | 1.042177 | Y |



## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

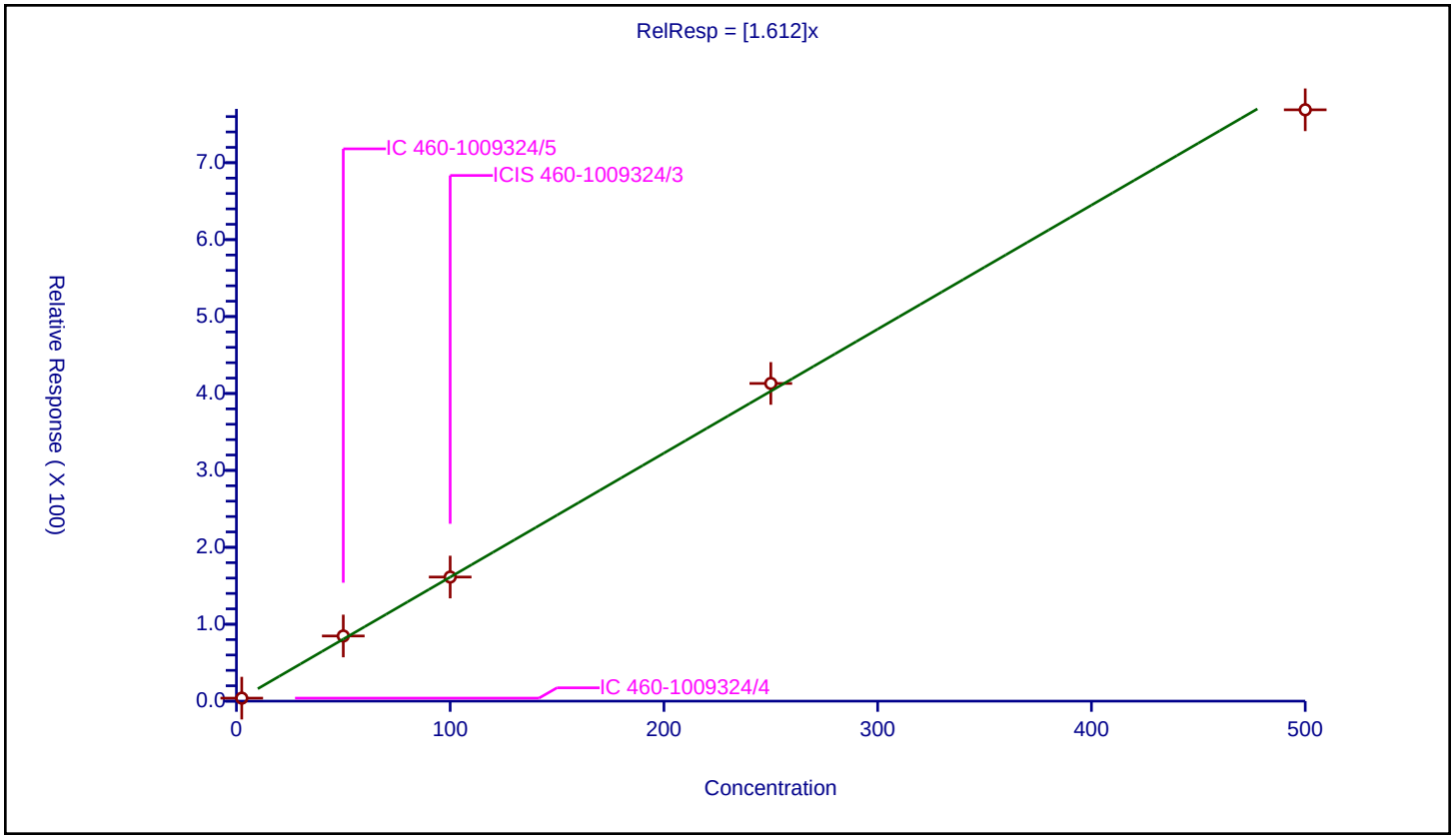
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.612 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.906129 | 100.0 | 57509421.0 | 1.562451 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 84.728607 | 100.0 | 59857393.0 | 1.694572 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 161.362397 | 100.0 | 56585586.0 | 1.613624 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 413.069617 | 100.0 | 60233209.0 | 1.652278 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 768.821408 | 100.0 | 59496352.0 | 1.537643 | Y |






2/14/2025
12:32:58 PM

## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

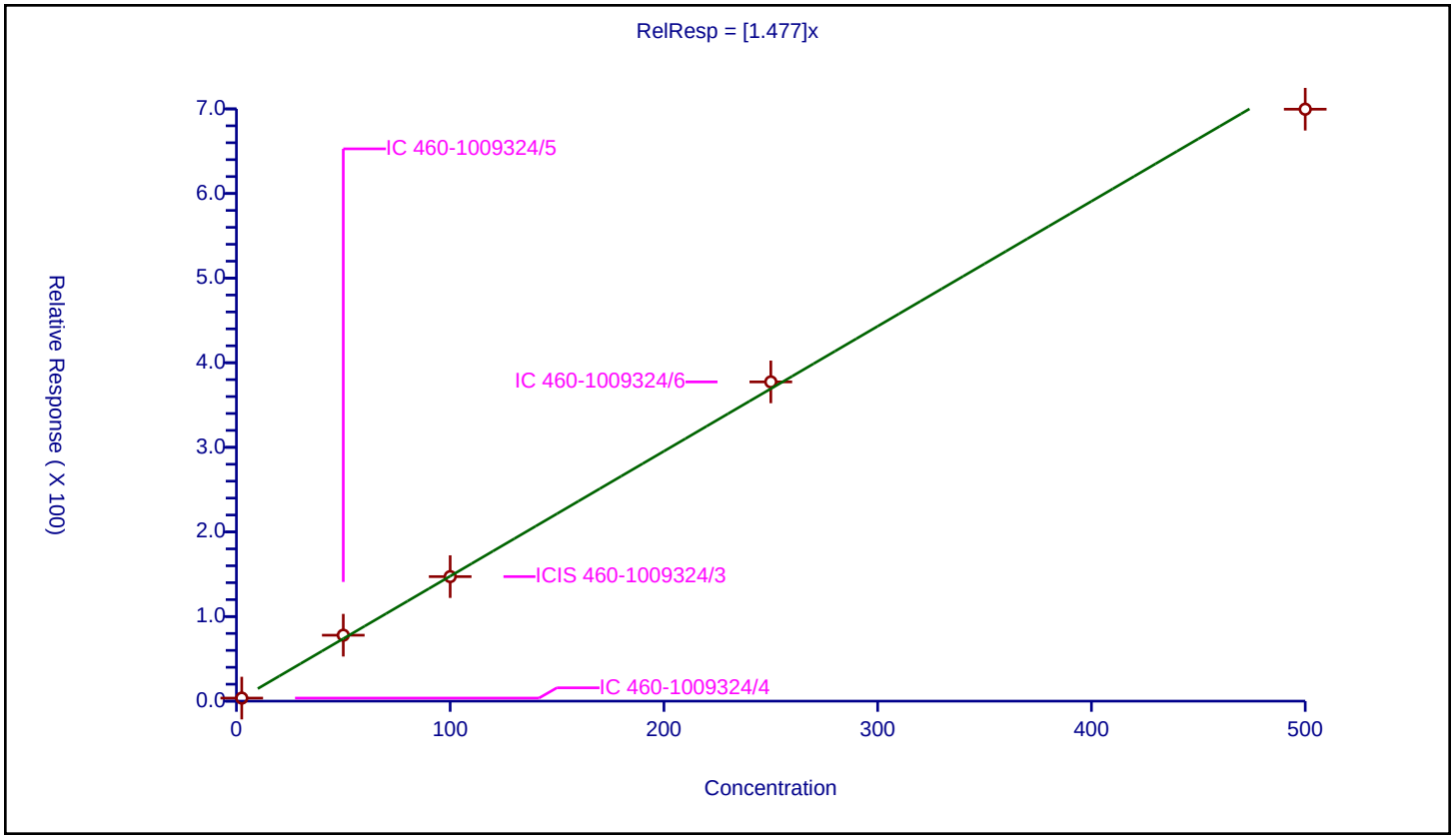
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.477 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.615768 | 100.0 | 57509421.0 | 1.446307 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 77.918123 | 100.0 | 59857393.0 | 1.558362 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 147.170414 | 100.0 | 56585586.0 | 1.471704 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 377.33714 | 100.0 | 60233209.0 | 1.509349 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 699.637484 | 100.0 | 59496352.0 | 1.399275 | Y |



## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

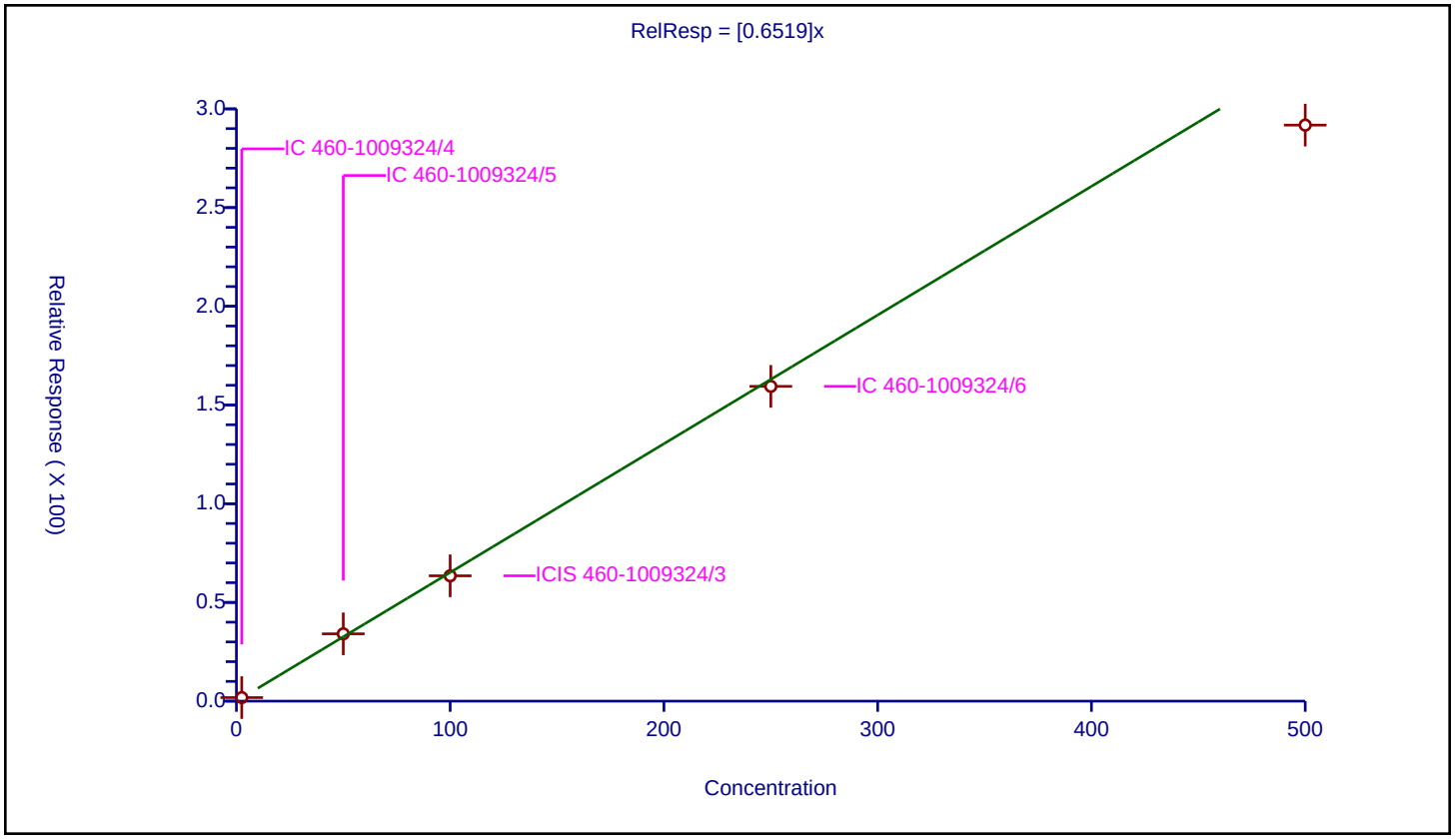
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6519 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 1.803451 | 100.0 | 57509421.0 | 0.72138 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 34.098136 | 100.0 | 59857393.0 | 0.681963 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 63.486602 | 100.0 | 56585586.0 | 0.634866 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 159.441774 | 100.0 | 60233209.0 | 0.637767 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 291.787508 | 100.0 | 59496352.0 | 0.583575 | Y |



## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

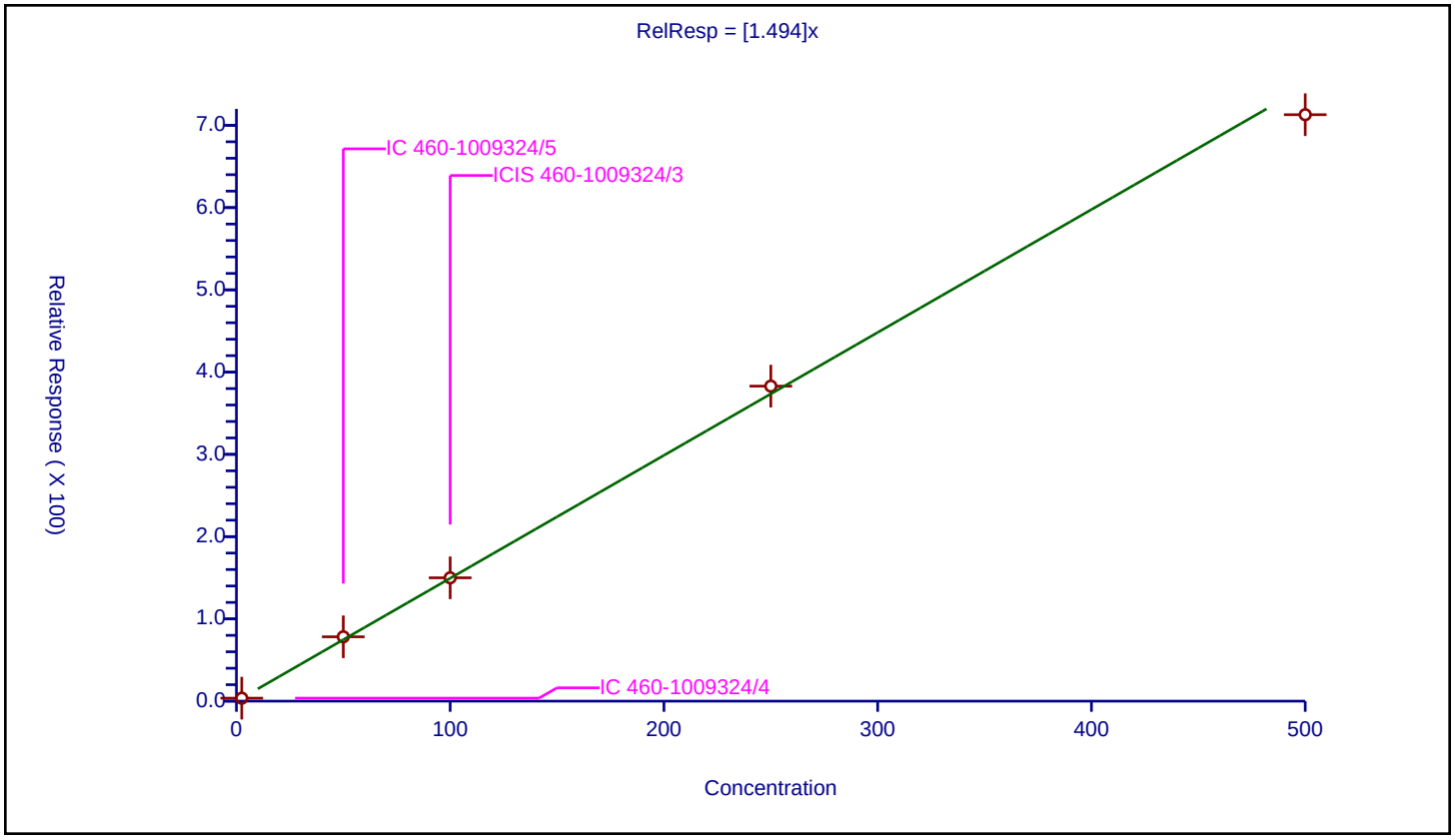
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.494 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.622019 | 100.0 | 57509421.0 | 1.448807 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 78.226711 | 100.0 | 59857393.0 | 1.564534 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 149.934093 | 100.0 | 56585586.0 | 1.499341 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 382.961168 | 100.0 | 60233209.0 | 1.531845 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 712.943306 | 100.0 | 59496352.0 | 1.425887 | Y |



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## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

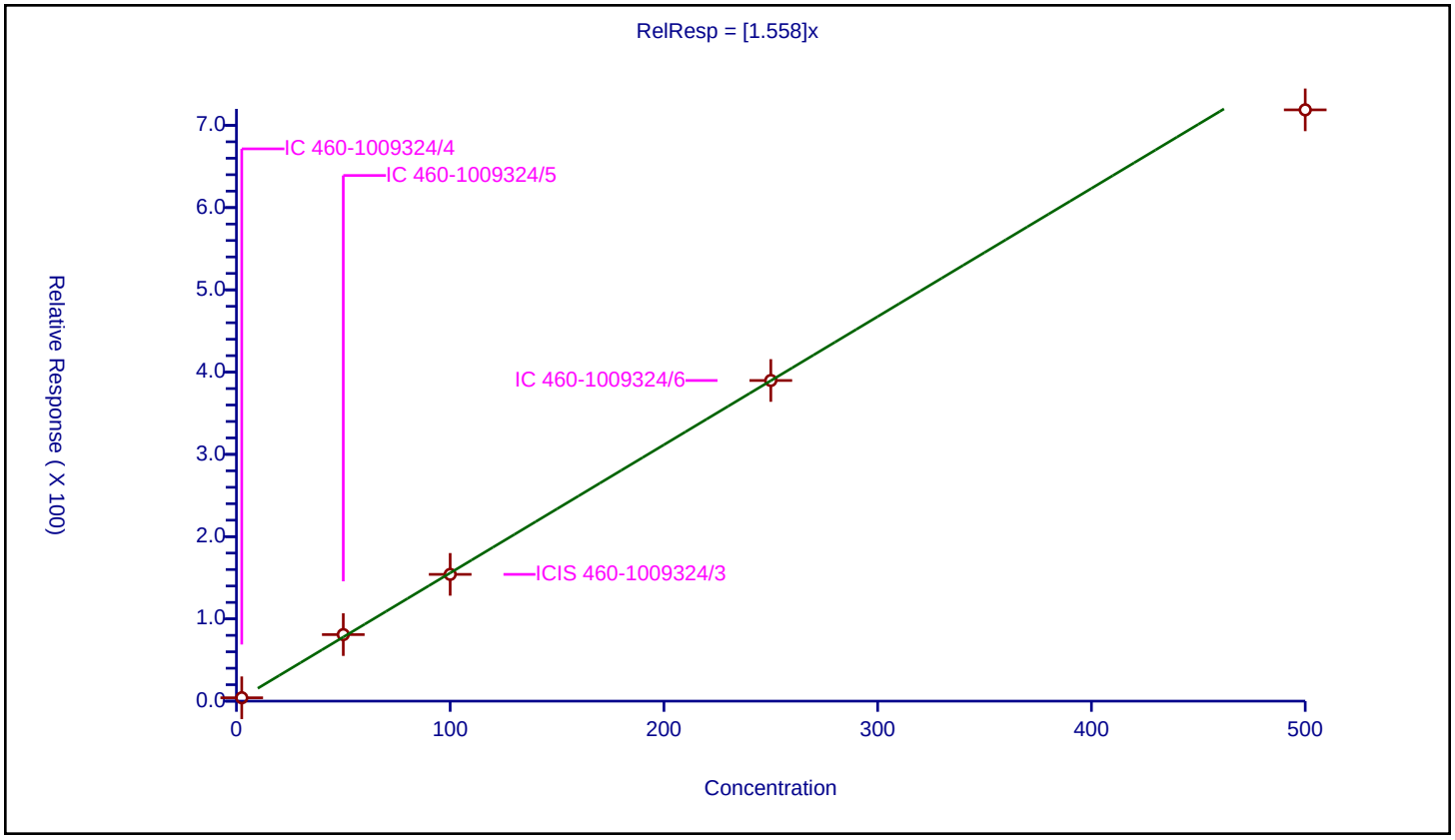
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.558 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.089565 | 100.0 | 57509421.0 | 1.635826 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 80.913235 | 100.0 | 59857393.0 | 1.618265 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 154.104135 | 100.0 | 56585586.0 | 1.541041 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 389.813357 | 100.0 | 60233209.0 | 1.559253 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 718.825774 | 100.0 | 59496352.0 | 1.437652 | Y |



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## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

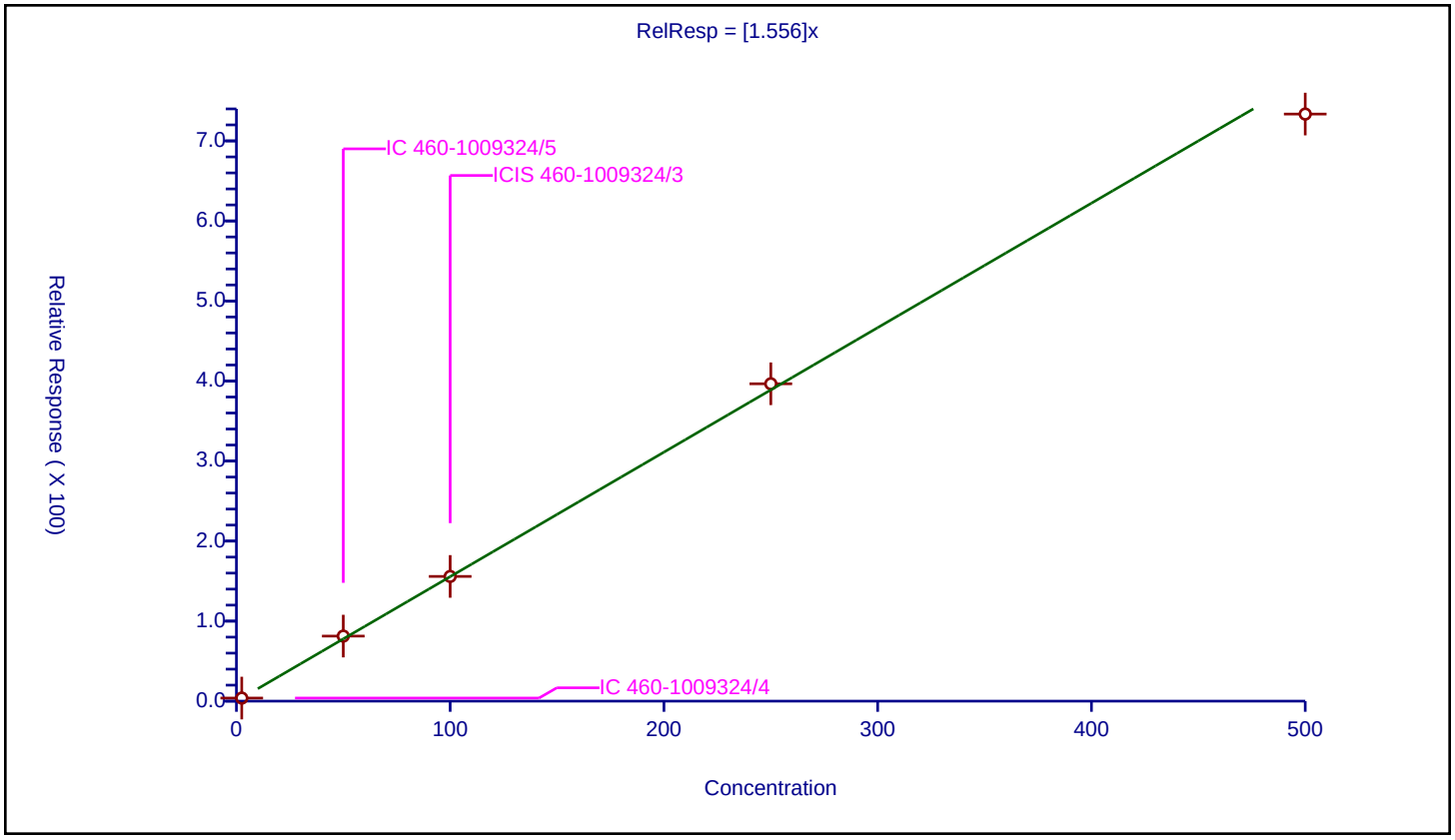
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.556 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.851091 | 100.0 | 57509421.0 | 1.540436 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 81.289287 | 100.0 | 59857393.0 | 1.625786 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 155.812975 | 100.0 | 56585586.0 | 1.55813 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 396.524286 | 100.0 | 60233209.0 | 1.586097 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 733.54543 | 100.0 | 59496352.0 | 1.467091 | Y |



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## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

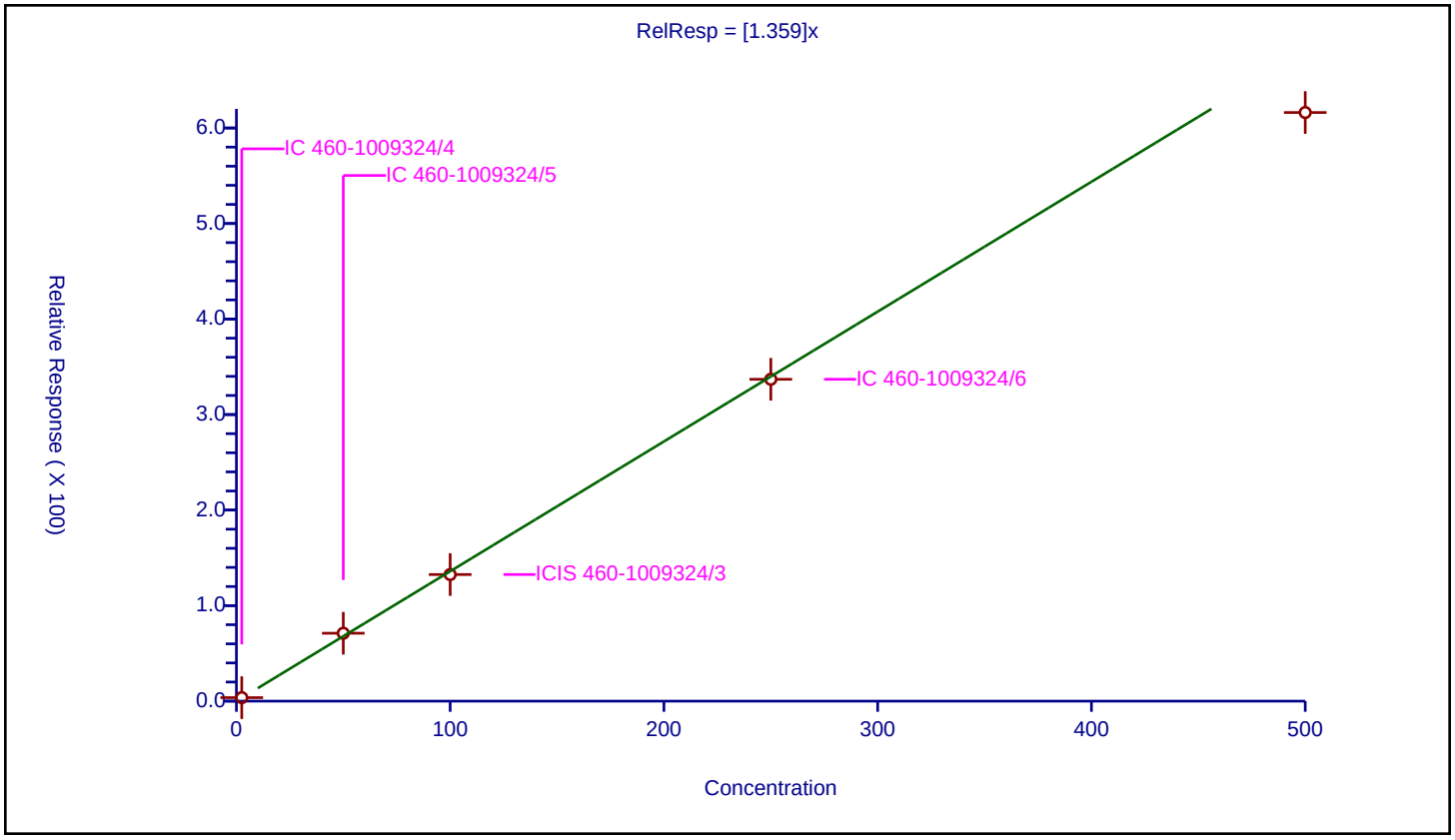
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.359 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.671468 | 100.0 | 57509421.0 | 1.468587 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 71.097624 | 100.0 | 59857393.0 | 1.421952 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 132.541443 | 100.0 | 56585586.0 | 1.325414 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 336.953699 | 100.0 | 60233209.0 | 1.347815 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 616.213947 | 100.0 | 59496352.0 | 1.232428 | Y |



## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

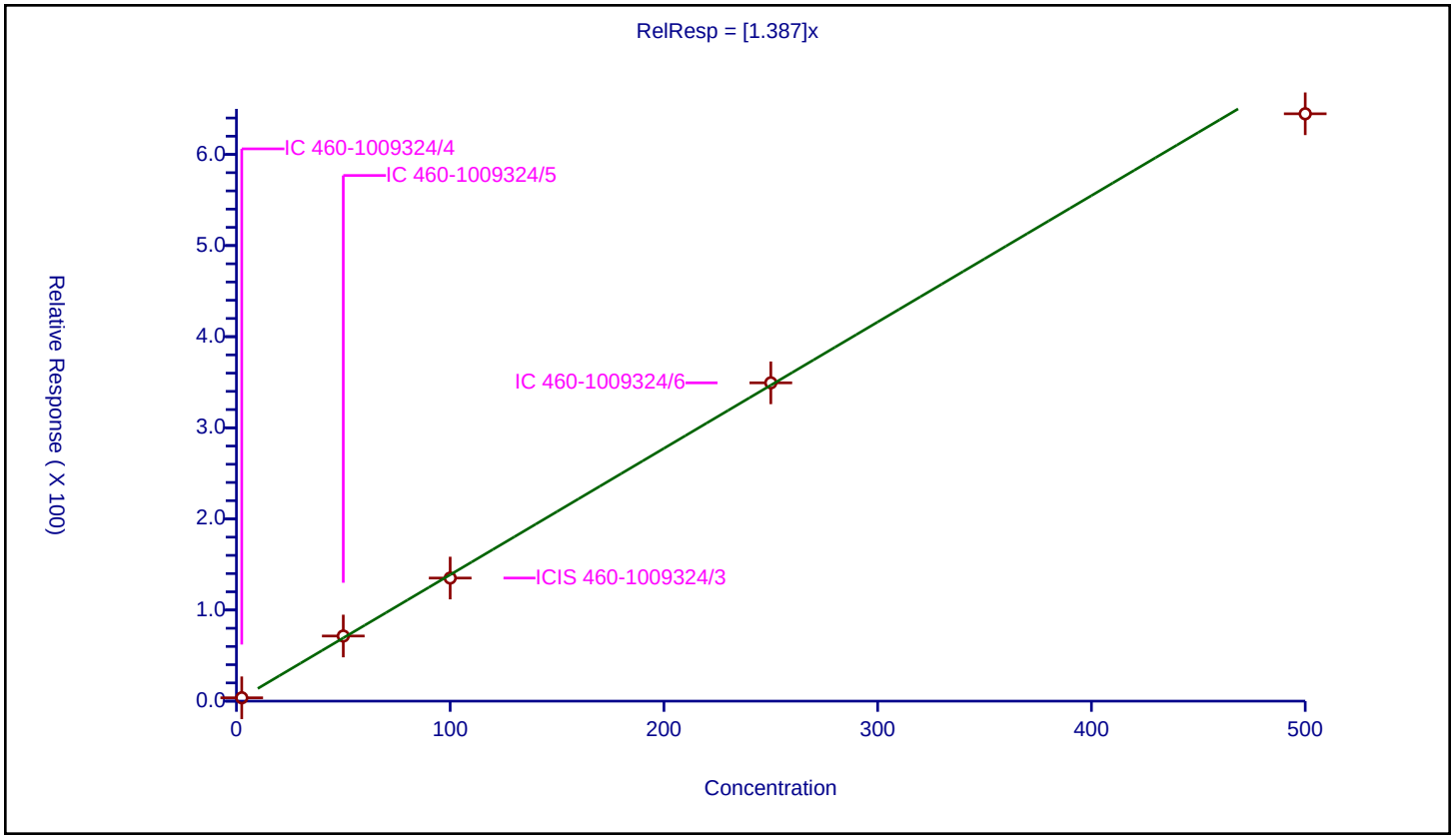
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.387 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.67007 | 100.0 | 57509421.0 | 1.468028 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 71.483354 | 100.0 | 59857393.0 | 1.429667 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 135.084725 | 100.0 | 56585586.0 | 1.350847 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 349.359967 | 100.0 | 60233209.0 | 1.39744 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 644.657306 | 100.0 | 59496352.0 | 1.289315 | Y |



## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

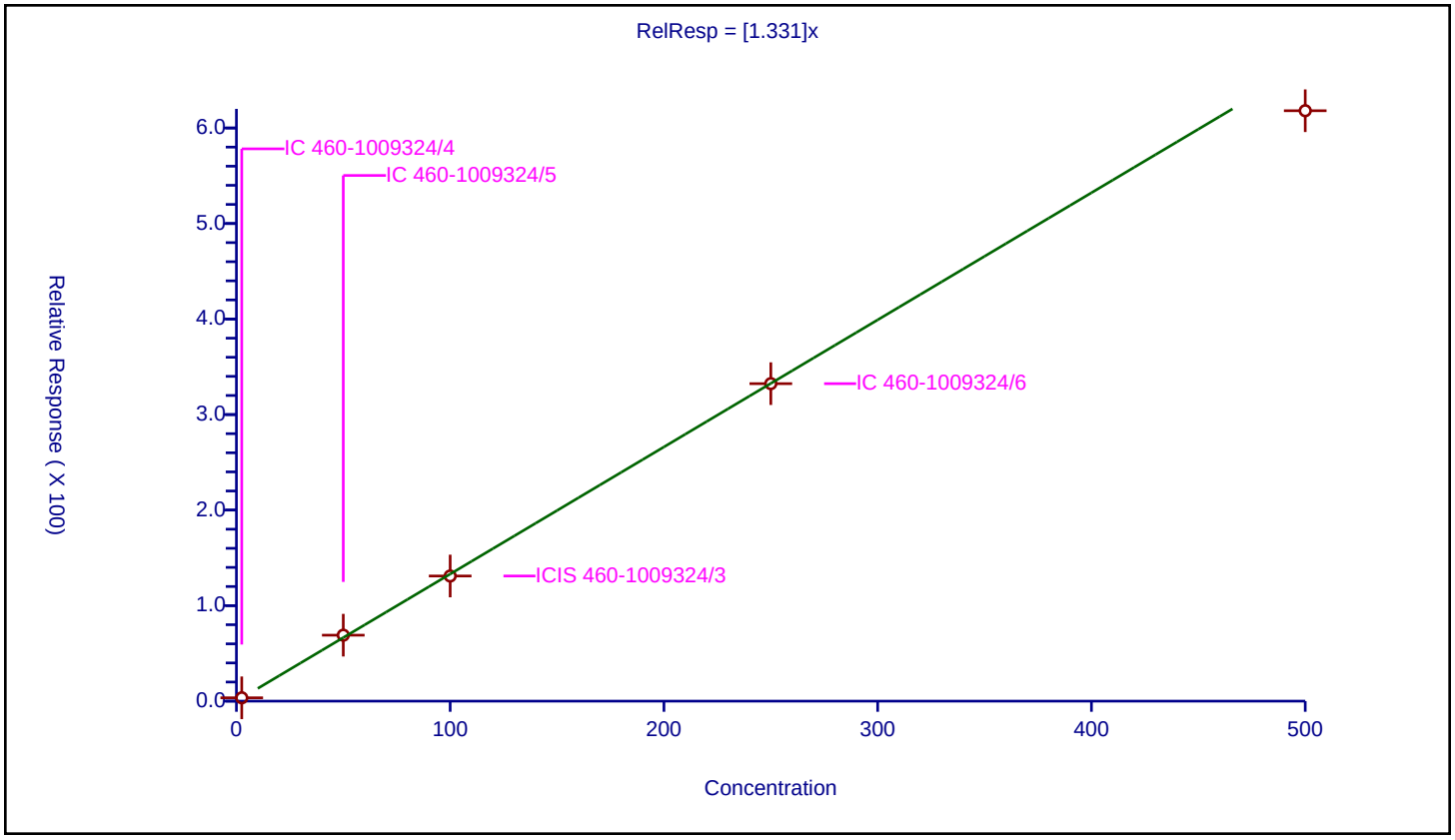
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.331 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.489823 | 100.0 | 57509421.0 | 1.395929 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 69.041726 | 100.0 | 59857393.0 | 1.380835 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 131.012315 | 100.0 | 56585586.0 | 1.310123 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 332.369109 | 100.0 | 60233209.0 | 1.329476 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 618.088087 | 100.0 | 59496352.0 | 1.236176 | Y |



## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

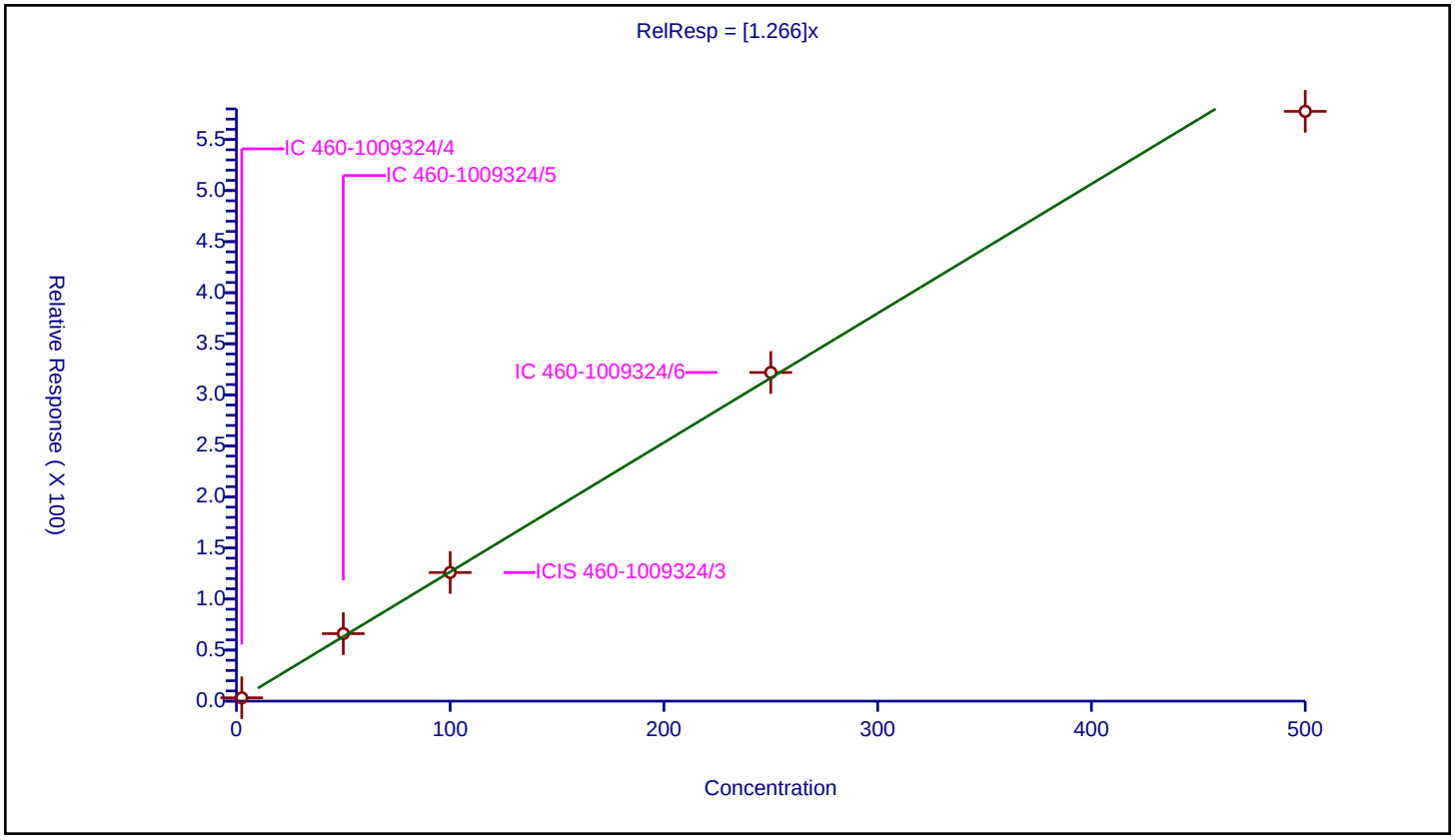
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.266 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.265416 | 100.0 | 57509421.0 | 1.306167 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 66.110985 | 100.0 | 59857393.0 | 1.32222 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 125.981148 | 100.0 | 56585586.0 | 1.259811 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 321.843362 | 100.0 | 60233209.0 | 1.287373 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 577.601159 | 100.0 | 59496352.0 | 1.155202 | Y |



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## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

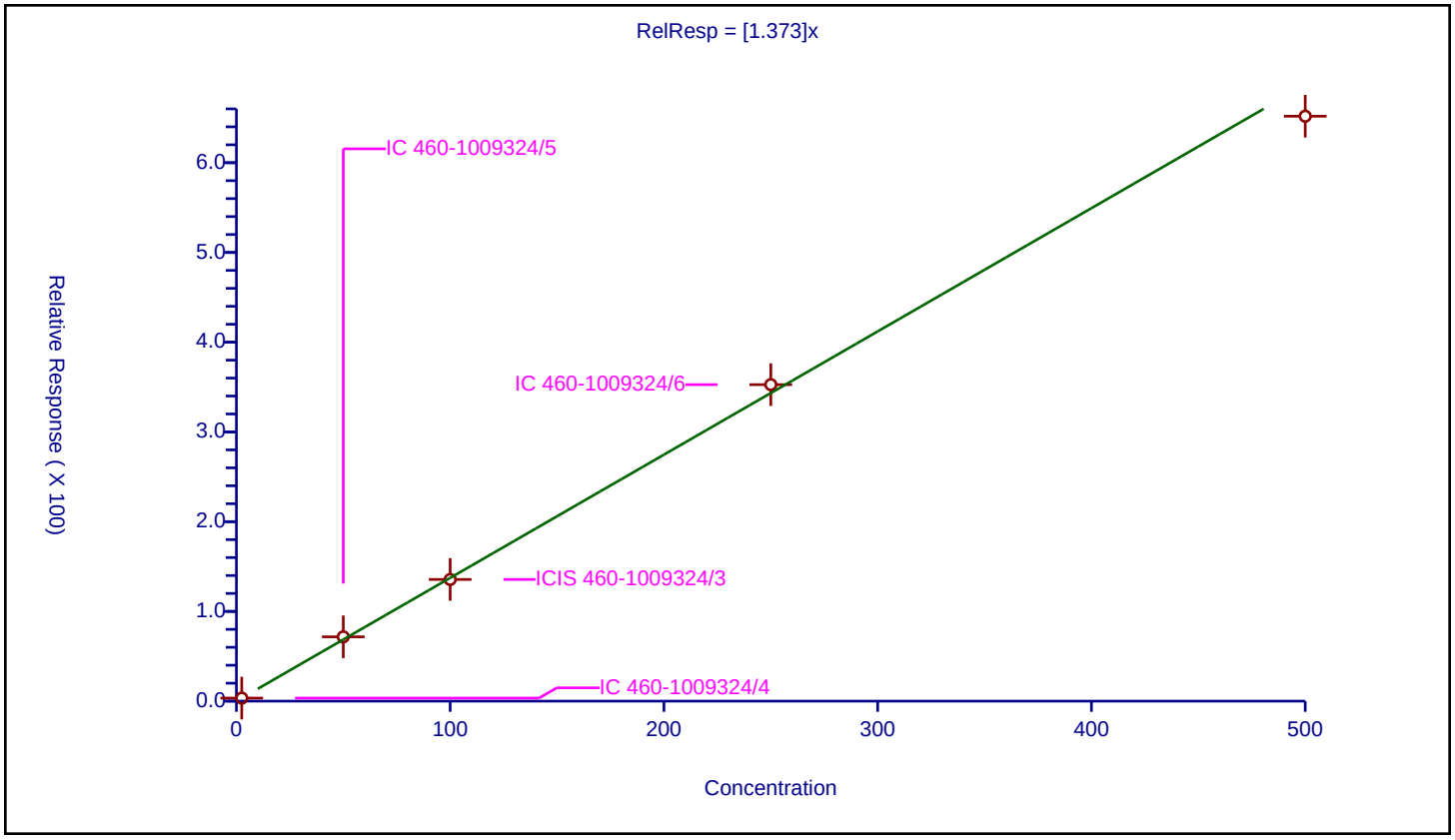
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.373 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.407647 | 100.0 | 57509421.0 | 1.363059 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 71.669456 | 100.0 | 59857393.0 | 1.433389 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 135.594529 | 100.0 | 56585586.0 | 1.355945 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 352.72554 | 100.0 | 60233209.0 | 1.410902 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 651.830383 | 100.0 | 59496352.0 | 1.303661 | Y |



## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

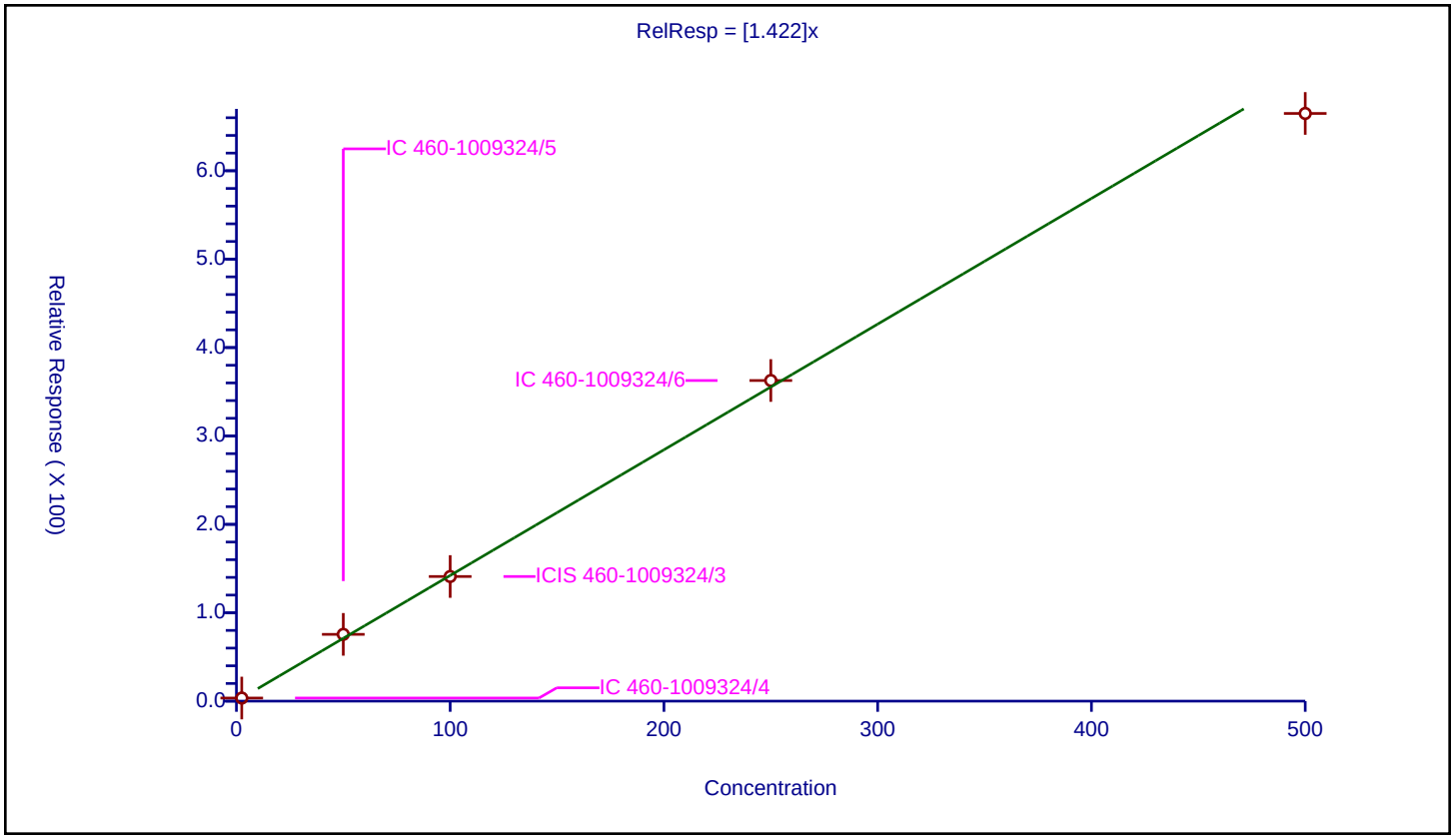
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.422 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.516805 | 100.0 | 57509421.0 | 1.406722 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 75.556725 | 100.0 | 59857393.0 | 1.511135 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 141.007724 | 100.0 | 56585586.0 | 1.410077 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 362.741852 | 100.0 | 60233209.0 | 1.450967 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 664.846581 | 100.0 | 59496352.0 | 1.329693 | Y |



## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

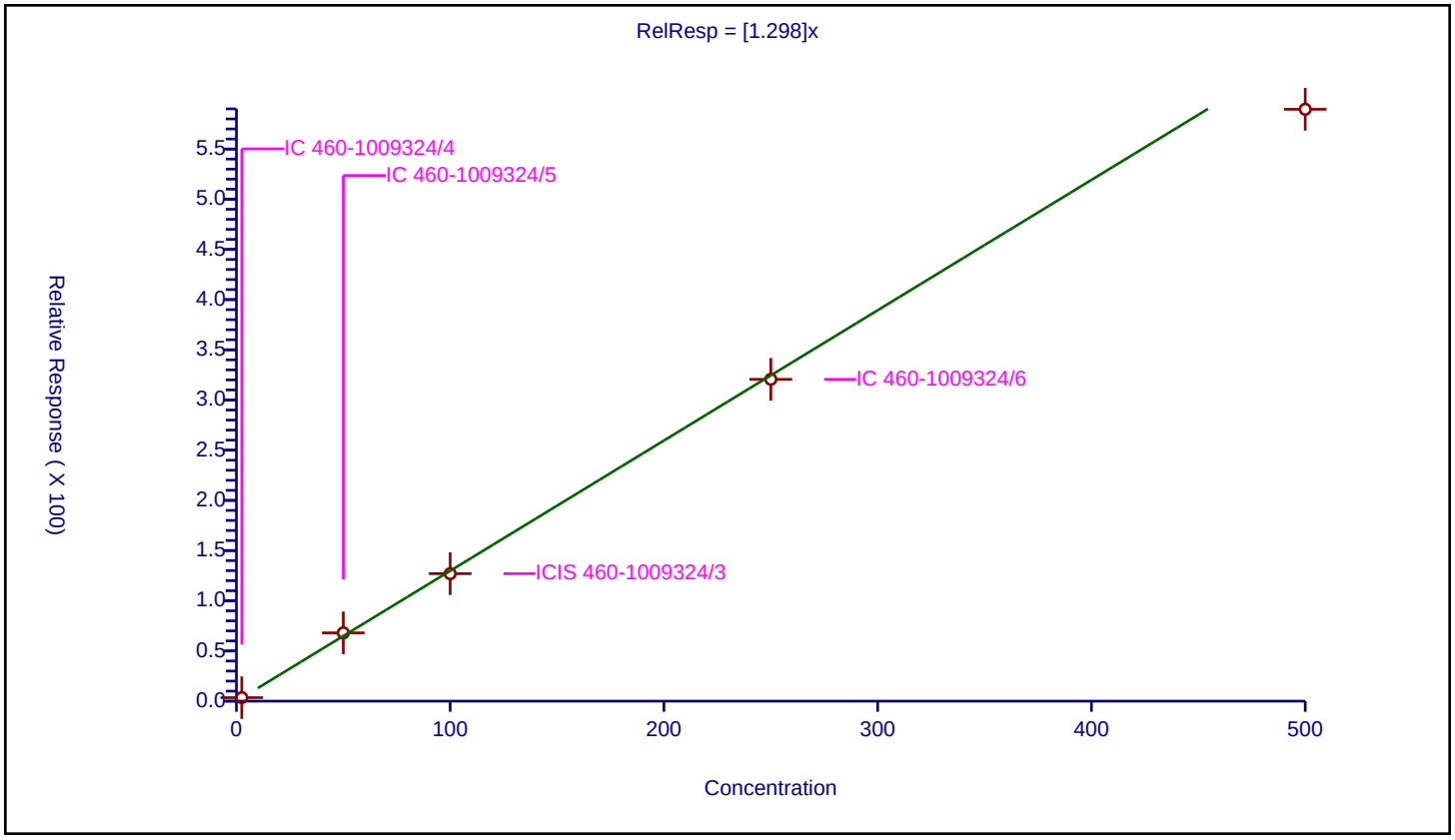
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.298 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.494671 | 100.0 | 57509421.0 | 1.397868 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 68.0414 | 100.0 | 59857393.0 | 1.360828 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 127.003492 | 100.0 | 56585586.0 | 1.270035 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 320.613825 | 100.0 | 60233209.0 | 1.282455 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 589.595789 | 100.0 | 59496352.0 | 1.179192 | Y |



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## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

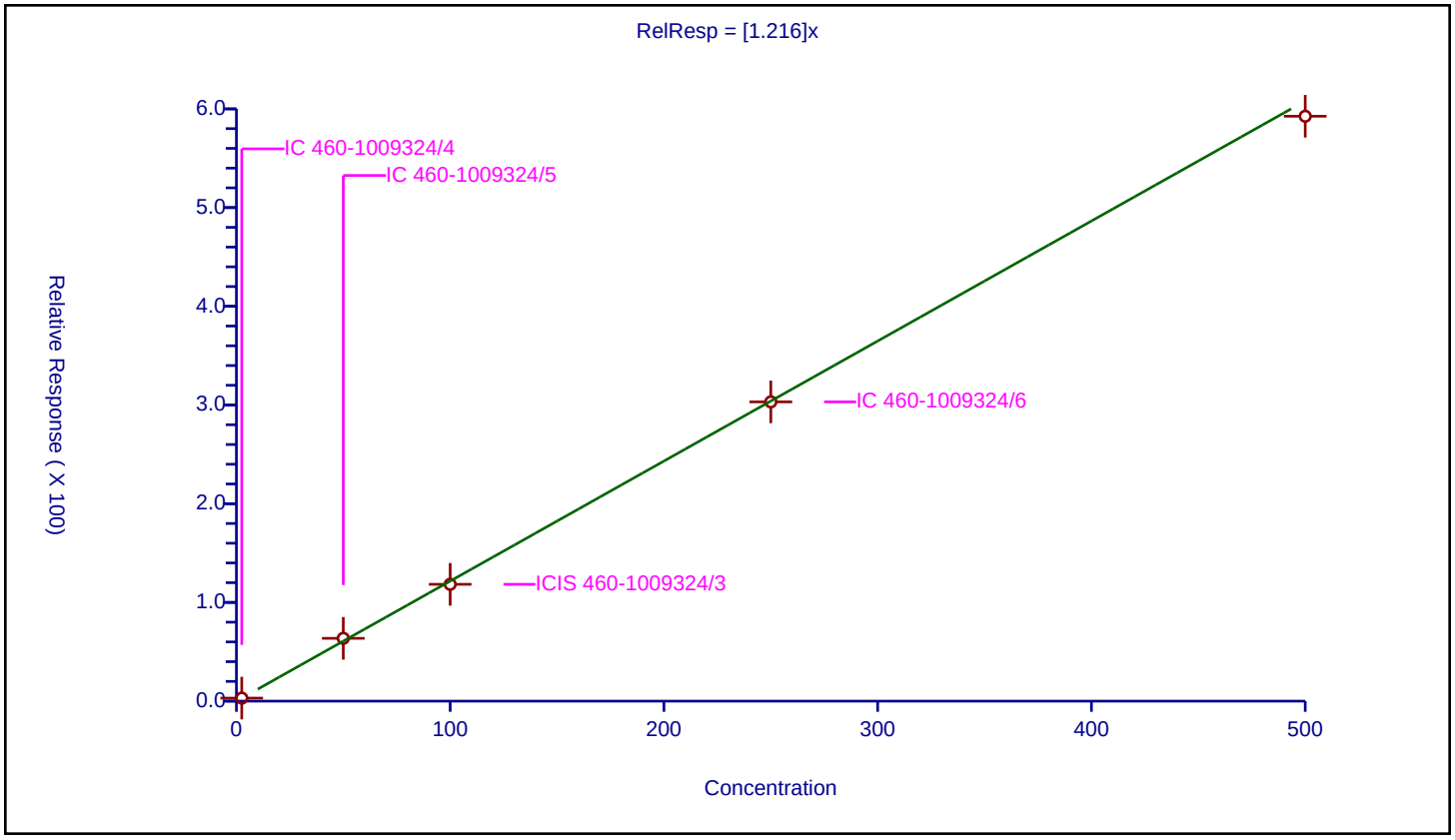
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.216 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.065717 | 100.0 | 57509421.0 | 1.226287 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 63.627878 | 100.0 | 59857393.0 | 1.272558 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 118.36567 | 100.0 | 56585586.0 | 1.183657 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 303.187458 | 100.0 | 60233209.0 | 1.21275 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 592.54538 | 100.0 | 59496352.0 | 1.185091 | Y |



## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

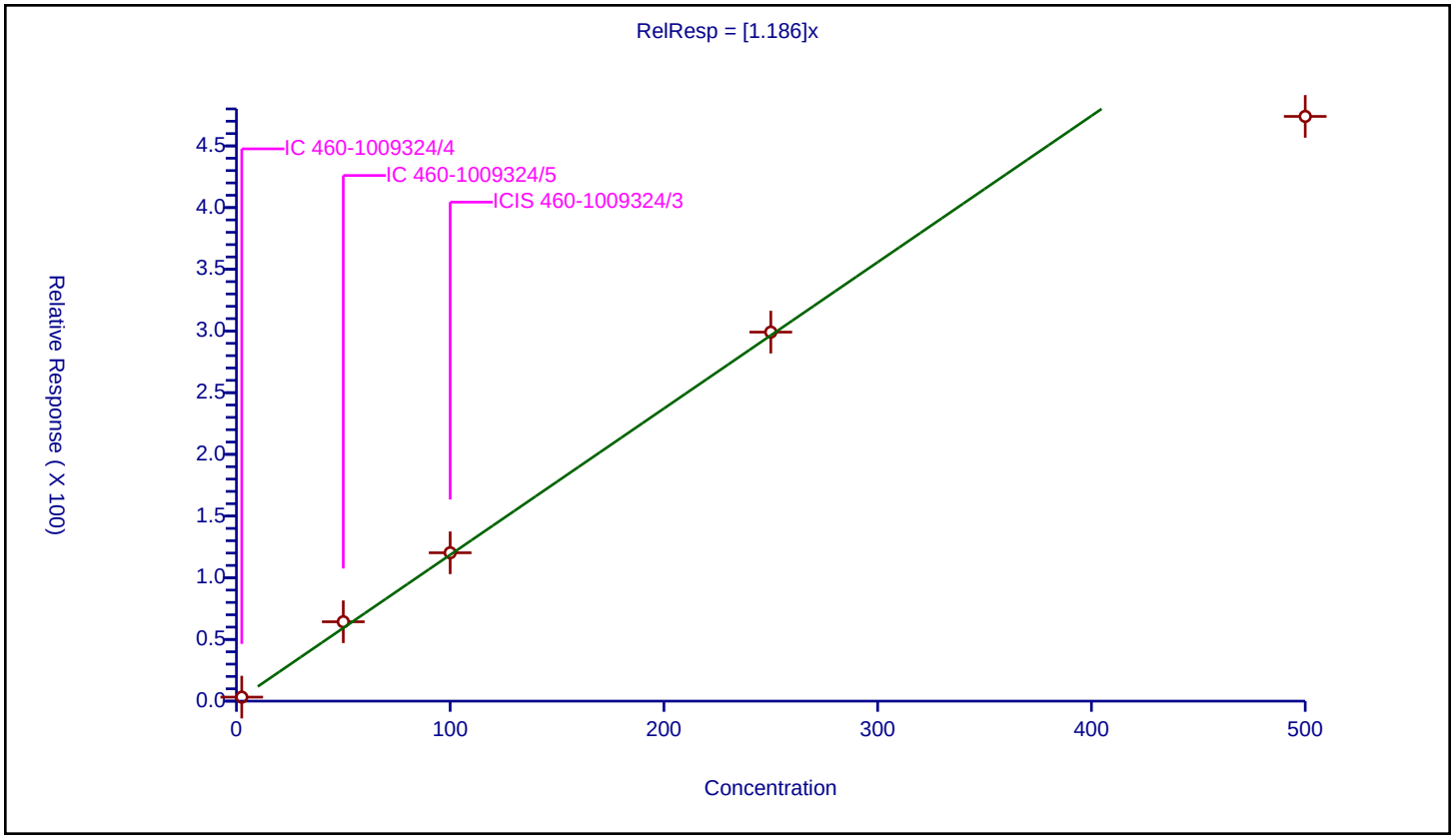
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.186 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.240349 | 100.0 | 57509421.0 | 1.29614 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 64.337663 | 100.0 | 59857393.0 | 1.286753 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 120.247856 | 100.0 | 56585586.0 | 1.202479 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 299.084047 | 100.0 | 60233209.0 | 1.196336 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 473.909254 | 100.0 | 59496352.0 | 0.947819 | Y |



## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

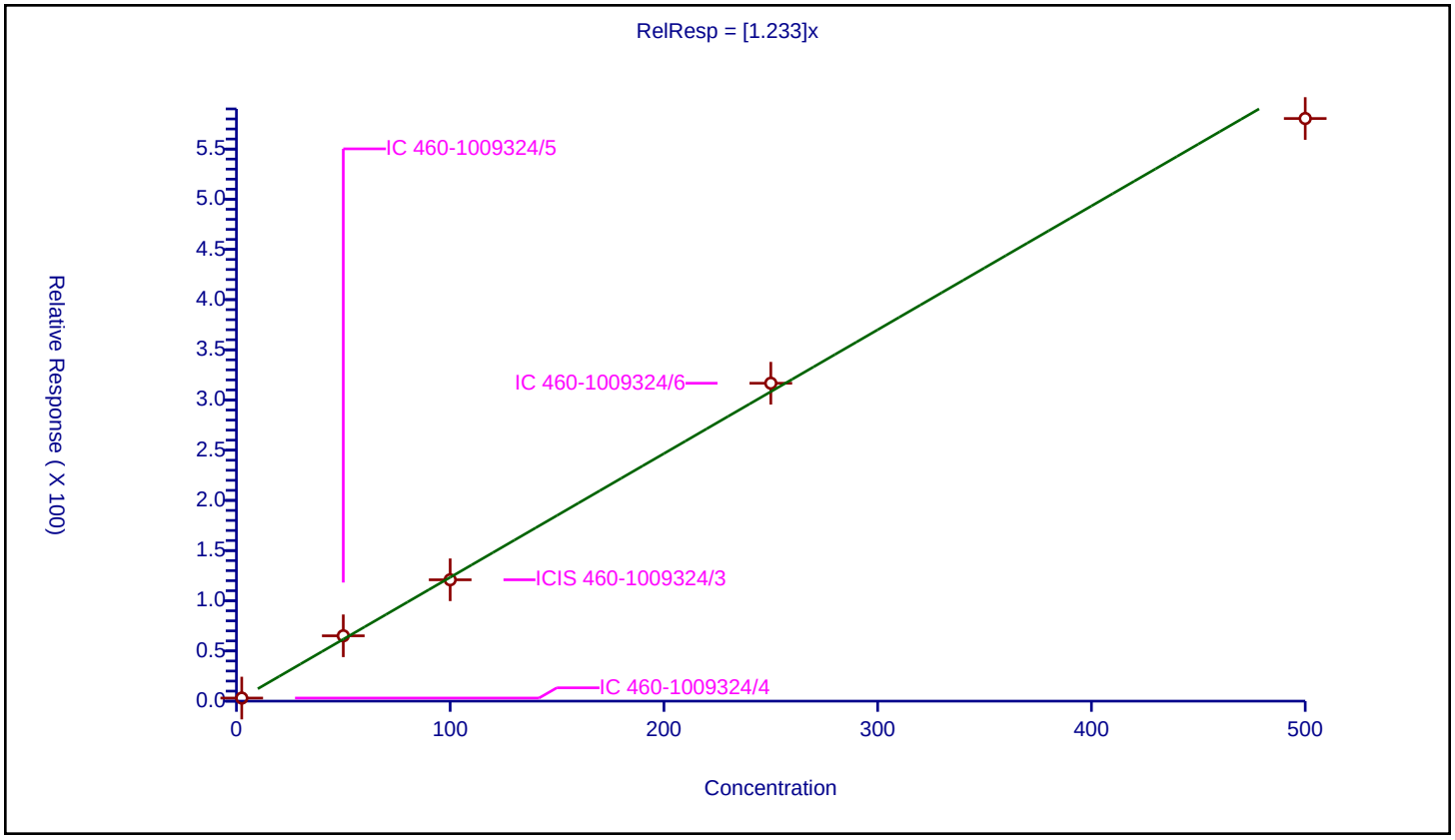
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.233 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.069685 | 100.0 | 57509421.0 | 1.227874 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 65.086072 | 100.0 | 59857393.0 | 1.301721 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 120.885831 | 100.0 | 56585586.0 | 1.208858 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 316.704913 | 100.0 | 60233209.0 | 1.26682 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 580.421964 | 100.0 | 59496352.0 | 1.160844 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

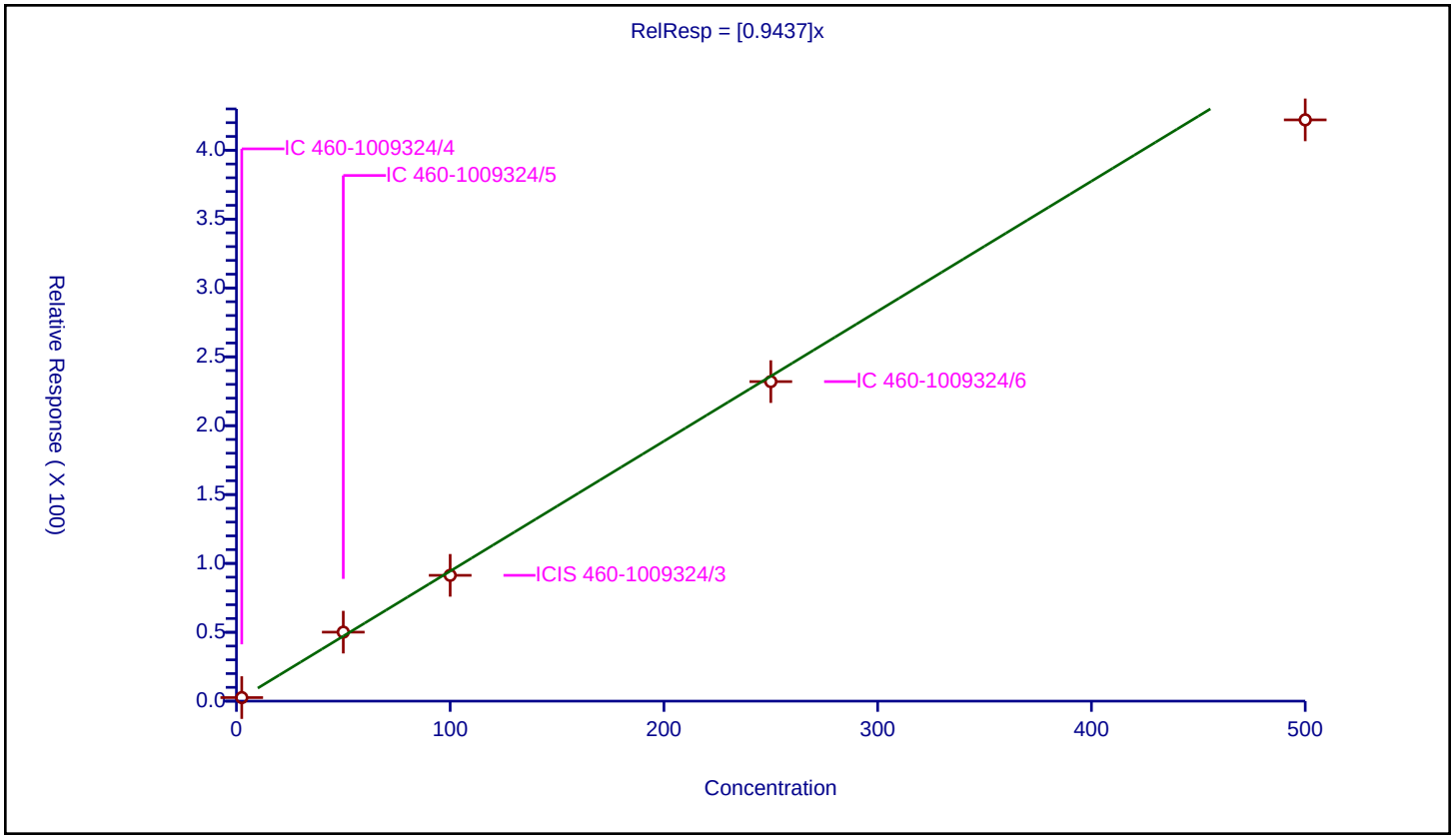
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9437 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 2.578223 | 100.0 | 57509421.0 | 1.031289 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 50.090224 | 100.0 | 59857393.0 | 1.001804 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 91.345955 | 100.0 | 56585586.0 | 0.91346 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 232.011477 | 100.0 | 60233209.0 | 0.928046 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 422.035833 | 100.0 | 59496352.0 | 0.844072 | Y |



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## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

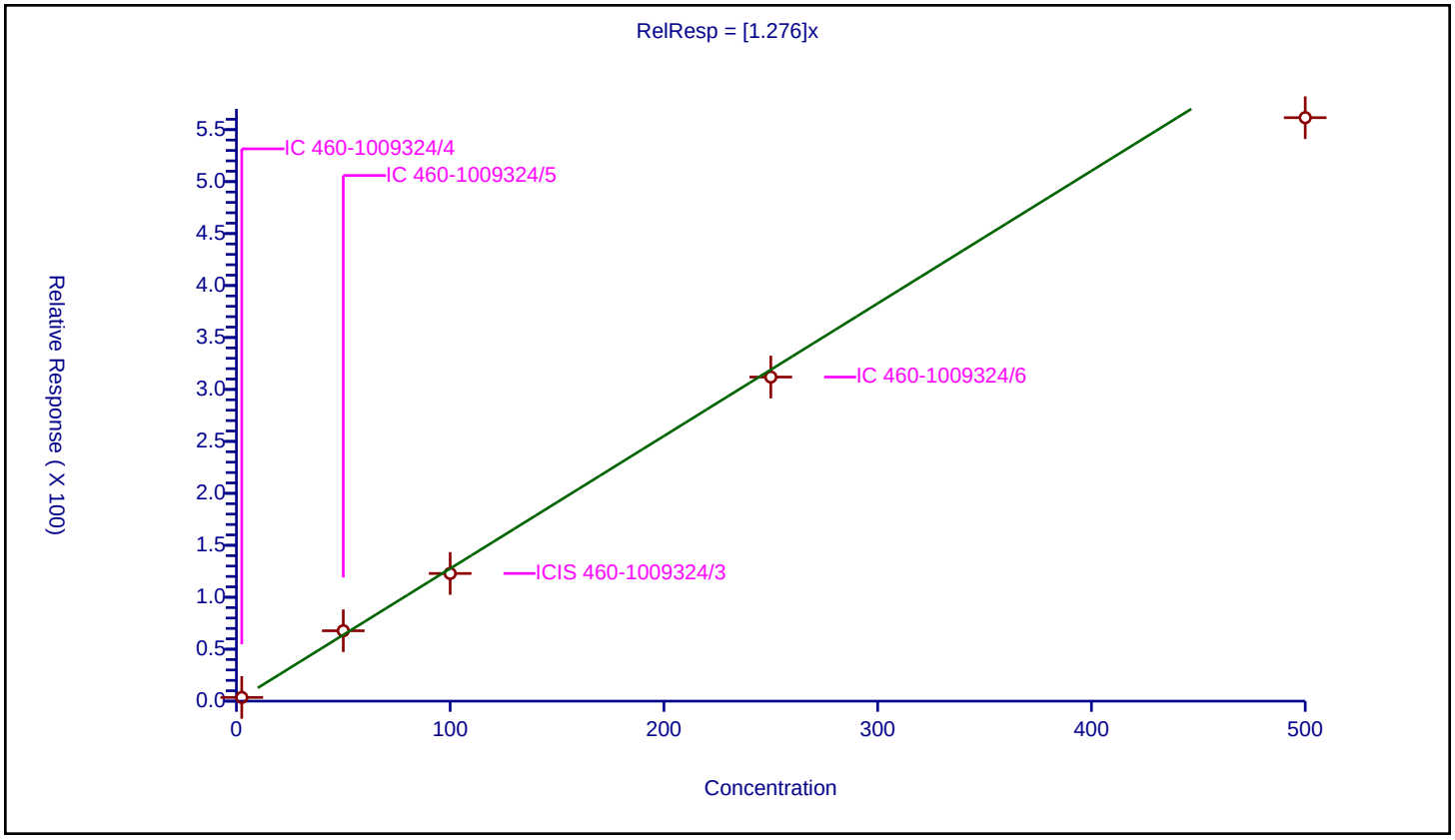
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.276 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.56283 | 100.0 | 57509421.0 | 1.425132 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 67.745271 | 100.0 | 59857393.0 | 1.354905 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 122.862706 | 100.0 | 56585586.0 | 1.228627 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 311.922659 | 100.0 | 60233209.0 | 1.247691 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 561.551747 | 100.0 | 59496352.0 | 1.123103 | Y |






2/14/2025
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## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

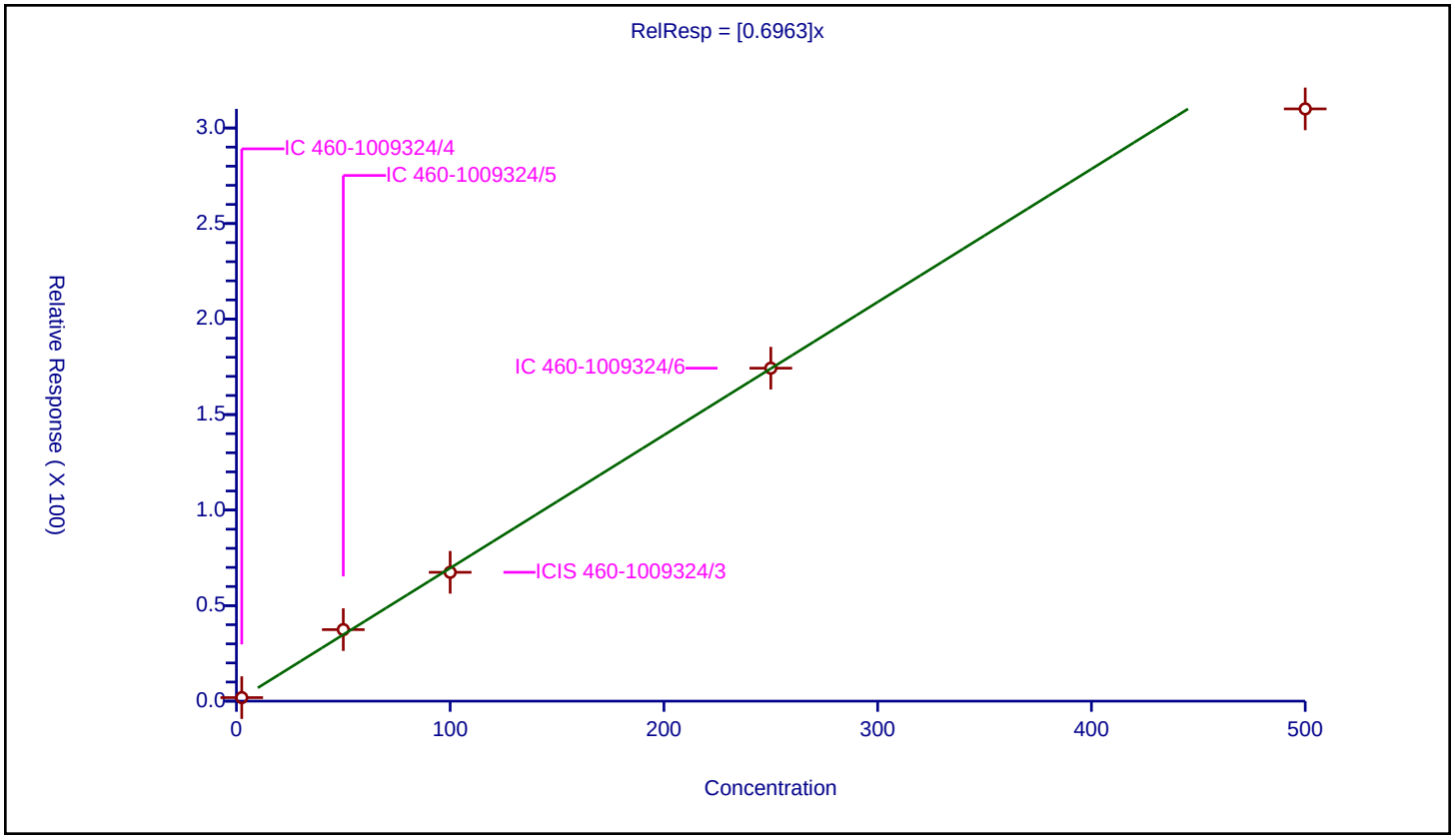
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6963 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 1.8535 | 100.0 | 57509421.0 | 0.7414 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 37.434253 | 100.0 | 59857393.0 | 0.748685 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 67.440146 | 100.0 | 56585586.0 | 0.674401 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 174.288742 | 100.0 | 60233209.0 | 0.697155 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 309.996835 | 100.0 | 59496352.0 | 0.619994 | Y |



| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

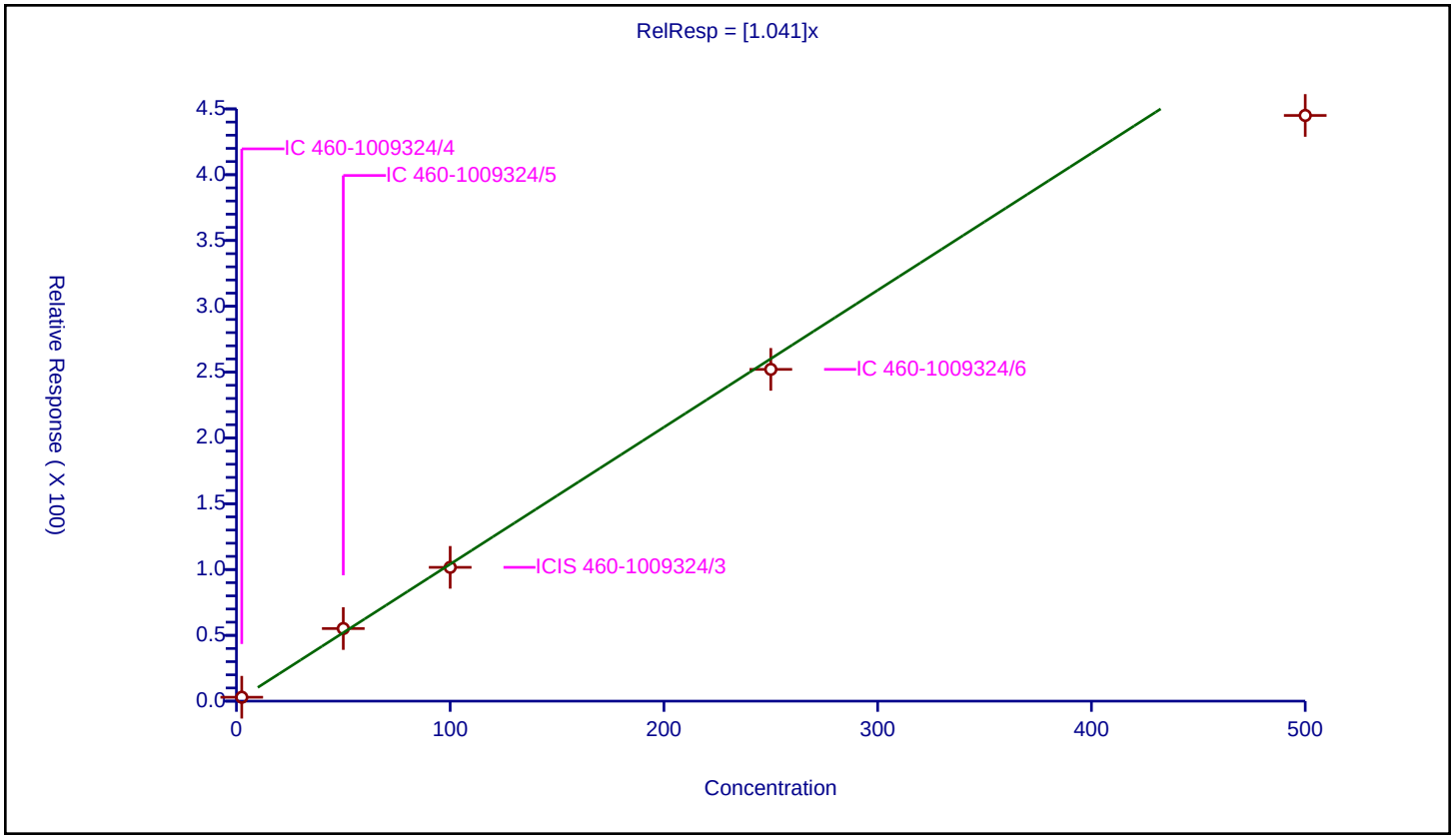
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.041 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 2.963676 | 100.0 | 57509421.0 | 1.18547 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 55.165578 | 100.0 | 59857393.0 | 1.103312 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 101.650424 | 100.0 | 56585586.0 | 1.016504 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 252.072831 | 100.0 | 60233209.0 | 1.008291 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 445.017405 | 100.0 | 59496352.0 | 0.890035 | Y |



## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

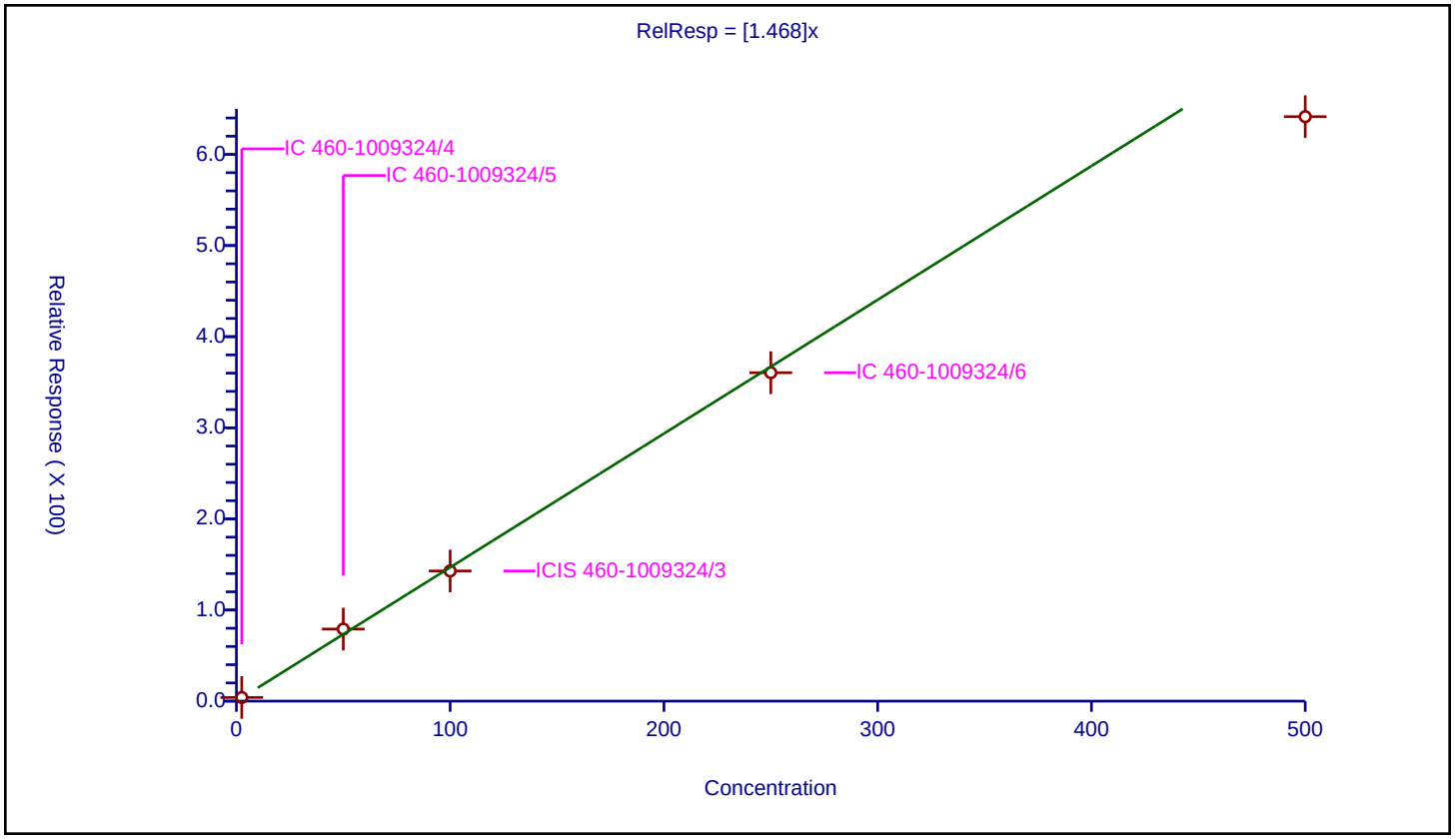
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.468 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.014266 | 100.0 | 57509421.0 | 1.605706 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 79.108848 | 100.0 | 59857393.0 | 1.582177 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 142.871499 | 100.0 | 56585586.0 | 1.428715 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 360.457993 | 100.0 | 60233209.0 | 1.441832 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 641.474267 | 100.0 | 59496352.0 | 1.282949 | Y |



## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

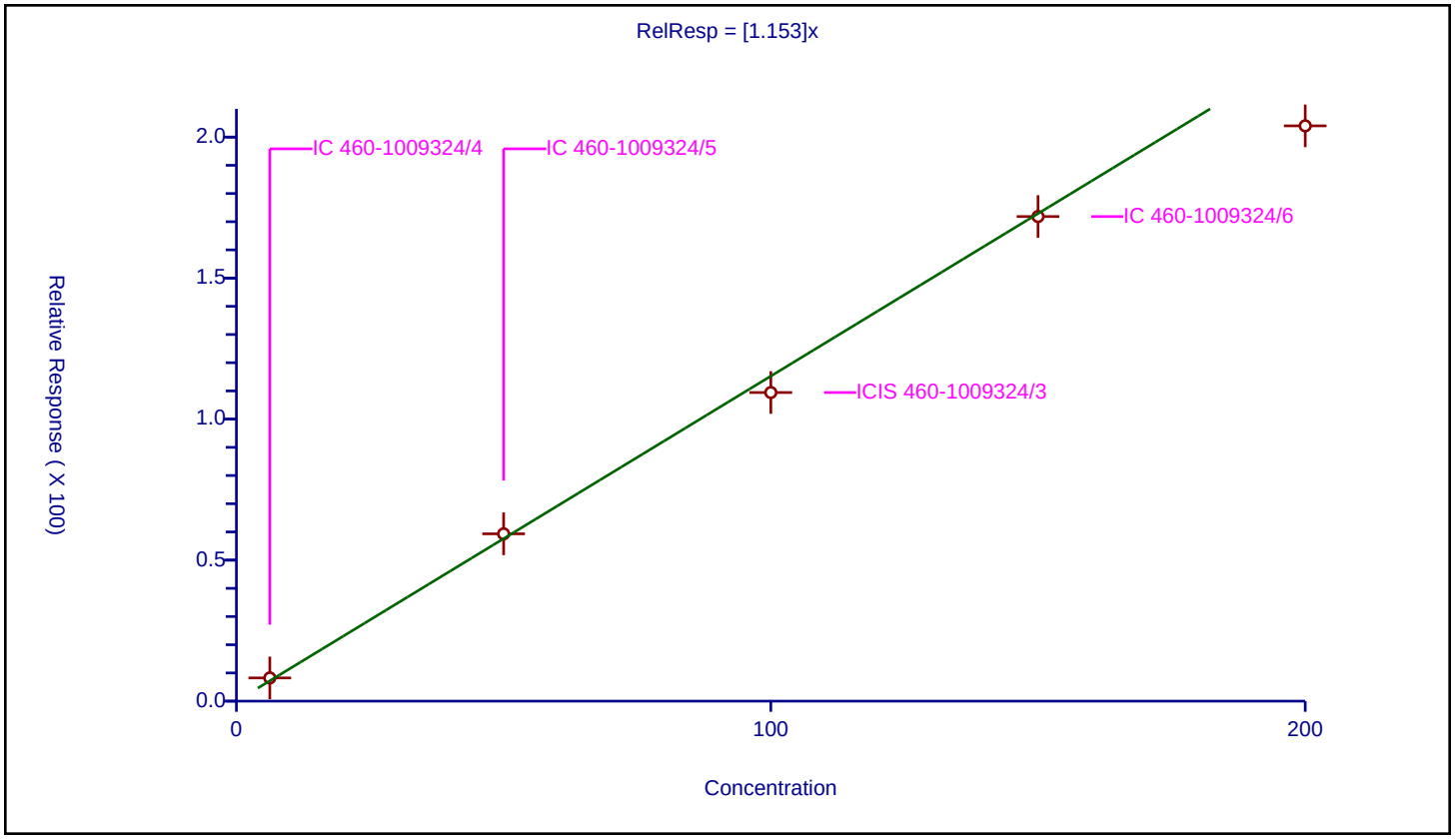
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.153 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 6.25 | 8.225859 | 100.0 | 57509421.0 | 1.316137 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 59.331643 | 100.0 | 59857393.0 | 1.186633 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 109.430527 | 100.0 | 56585586.0 | 1.094305 | Y |
| 4 | IC 460-1009324/6 | 150.0 | 171.830279 | 100.0 | 60233209.0 | 1.145535 | Y |
| 5 | IC 460-1009324/7 | 200.0 | 203.987887 | 100.0 | 59496352.0 | 1.019939 | Y |



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1009324

SDG No.:

Instrument ID: CPESTGC4  GC Column: Rtx-CLP  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 08:16  Calibration End Date: 11/27/2024 09:20  Calibration ID: 99448

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009324/4 | 4F0011533.D |
| Level 2 | IC 460-1009324/5 | 4F0011534.D |
| Level 3 | ICIS 460-1009324/3 | 4F0011532.D |
| Level 4 | IC 460-1009324/6 | 4F0011535.D |
| Level 5 | IC 460-1009324/7 | 4F0011536.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.6721 | 1.7499 | 1.6440 | 1.6797 | 1.6057 | Ave | | 1.6703 | | | | 3.2 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.5279 | 1.5914 | 1.4972 | 1.5191 | 1.4437 | Ave | | 1.5159 | | | | 3.5 | | 20.0 | | | |
| beta-BHC | 0.7107 | 0.6838 | 0.6376 | 0.6353 | 0.5843 | Ave | | 0.6503 | | | | 7.5 | | 20.0 | | | |
| delta-BHC | 1.5382 | 1.6037 | 1.5257 | 1.5358 | 1.4573 | Ave | | 1.5322 | | | | 3.4 | | 20.0 | | | |
| Heptachlor | 1.7024 | 1.6483 | 1.5723 | 1.5729 | 1.4753 | Ave | | 1.5942 | | | | 5.4 | | 20.0 | | | |
| Aldrin | 1.6099 | 1.6575 | 1.5932 | 1.5930 | 1.4981 | Ave | | 1.5903 | | | | 3.6 | | 20.0 | | | |
| Heptachlor epoxide | 1.5574 | 1.4872 | 1.4216 | 1.4120 | 1.3030 | Ave | | 1.4362 | | | | 6.6 | | 20.0 | | | |
| trans-Chlordane | 1.6087 | 1.5165 | 1.4584 | 1.4594 | 1.3552 | Ave | | 1.4796 | | | | 6.3 | | 20.0 | | | |
| cis-Chlordane | 1.5085 | 1.4713 | 1.4225 | 1.4190 | 1.3131 | Ave | | 1.4269 | | | | 5.2 | | 20.0 | | | |
| 4,4'-DDE | 1.5501 | 1.5385 | 1.5035 | 1.5129 | 1.4001 | Ave | | 1.5010 | | | | 4.0 | | 20.0 | | | |
| Endosulfan I | 1.4641 | 1.3989 | 1.3565 | 1.3489 | 1.2235 | Ave | | 1.3584 | | | | 6.5 | | 20.0 | | | |
| Dieldrin | 1.5220 | 1.5940 | 1.5339 | 1.5484 | 1.4352 | Ave | | 1.5267 | | | | 3.8 | | 20.0 | | | |
| Endrin | 1.3864 | 1.4288 | 1.3811 | 1.4093 | 1.3163 | Ave | | 1.3844 | | | | 3.1 | | 20.0 | | | |
| 4,4'-DDD | 1.2723 | 1.2875 | 1.2454 | 1.2746 | 1.1865 | Ave | | 1.2533 | | | | 3.2 | | 20.0 | | | |
| Endosulfan II | 1.2782 | 1.2717 | 1.2371 | 1.2438 | 0.9862 | Ave | | 1.2034 | | | | 10.2 | | 20.0 | | | |
| 4,4'-DDT | 1.2713 | 1.2883 | 1.2457 | 1.3062 | 1.2127 | Ave | | 1.2648 | | | | 2.9 | | 20.0 | | | |
| Endrin aldehyde | 1.1354 | 1.0505 | 0.9755 | 1.0112 | 0.9294 | Ave | | 1.0204 | | | | 7.7 | | 20.0 | | | |
| Methoxychlor | 0.7131 | 0.7284 | 0.6849 | 0.7118 | 0.6397 | Ave | | 0.6956 | | | | 5.0 | | 20.0 | | | |
| Mirex | 1.1091 | 1.0465 | 1.0137 | 1.0289 | 0.9150 | Ave | | 1.0226 | | | | 6.9 | | 20.0 | | | |
| Endosulfan sulfate | 1.4748 | 1.4156 | 1.3383 | 1.3616 | 1.2253 | Ave | | 1.3631 | | | | 6.8 | | 20.0 | | | |
| Endrin ketone | 1.6775 | 1.5831 | 1.4850 | 1.5061 | 1.3724 | Ave | | 1.5248 | | | | 7.5 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.2437 | 1.1506 | 1.1355 | 1.1804 | 1.0805 | Ave | | 1.1581 | | | | 5.2 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.5583 | 1.4567 | 1.3902 | 1.4606 | 1.3079 | Ave | | 1.4347 | | | | 6.5 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1009324

SDG No.:

Instrument ID: CPESTGC4 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/27/2024 08:16 | Calibration End Date: 11/27/2024 09:20 | Calibration ID: 99448

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1009324/4 | 4F0011533.D |
| Level 2 | IC 460-1009324/5 | 4F0011534.D |
| Level 3 | ICIS 460-1009324/3 | 4F0011532.D |
| Level 4 | IC 460-1009324/6 | 4F0011535.D |
| Level 5 | IC 460-1009324/7 | 4F0011536.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 5734398 | 123724146 | 216810960 | 588505112 | 1109547972 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 5239742 | 112516467 | 197451299 | 532245478 | 997580775 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 2437396 | 48347089 | 84085807 | 222575497 | 403769777 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 5275189 | 113387644 | 201204994 | 538106772 | 1006987924 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 5838386 | 116538682 | 207350159 | 551092284 | 1019408076 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 5520959 | 117191795 | 210100837 | 558128188 | 1035189723 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 5341109 | 105144788 | 187473637 | 494724009 | 900357160 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 5517048 | 107217272 | 192331742 | 511317068 | 936453049 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 5173360 | 104023446 | 187595819 | 497165910 | 907353868 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 5315960 | 108775206 | 198280508 | 530078146 | 967444620 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 5021205 | 98907752 | 178890578 | 472611950 | 845457465 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 5219627 | 112700075 | 202282448 | 542494666 | 991751160 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 4754564 | 101016640 | 182134648 | 493765560 | 909581167 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 4363279 | 91028601 | 164245722 | 446586923 | 819882714 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 4383632 | 89910535 | 163149969 | 435776990 | 681441288 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 4359880 | 91084024 | 164284457 | 457639396 | 837965733 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 3893921 | 74270630 | 128641075 | 354294653 | 642210447 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 2445466 | 51497417 | 90319951 | 249381393 | 442053505 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 3803650 | 73987037 | 133686706 | 360498951 | 632231169 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 5057882 | 100086599 | 176485249 | 477067721 | 846685306 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 5753009 | 111930302 | 195836633 | 527700266 | 948317448 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 10663117 | 81351599 | 149751359 | 248140315 | 298641748 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 13359953 | 102994516 | 183332427 | 307045356 | 361490971 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Lims ID: ICIS
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 27-Nov-2024 08:16:40 ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-001
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:18 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 08:32:39

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 56585586 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 131876887 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 61878243 | 100.0 | 99.3 | |
| 2 | 1.769 | 1.769 | 0.000 | 149751359 | 100.0 | 98.0 | |
| | | | | | | RPD = 1.24 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 91307858 | 100.0 | 100.1 | |
| 2 | 2.069 | 2.069 | 0.000 | 216810960 | 100.0 | 98.4 | |
| | | | | | | RPD = 1.68 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.664 | 2.664 | 0.000 | 83277241 | 100.0 | 99.6 | M |
| 2 | 2.256 | 2.256 | 0.000 | 197451299 | 100.0 | 98.8 | |
| | | | | | | RPD = 0.88 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.721 | 2.721 | 0.000 | 35924266 | 100.0 | 97.4 | M |
| 2 | 2.304 | 2.304 | 0.000 | 84085807 | 100.0 | 98.0 | |
| | | | | | | RPD = 0.67 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.008 | 3.008 | 0.000 | 84841085 | 100.0 | 100.4 | M |
| 2 | 2.426 | 2.426 | 0.000 | 201204994 | 100.0 | 99.6 | |
| | | | | | | RPD = 0.77 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.084 | 3.084 | 0.000 | 87200728 | 100.0 | 98.9 | M |
| 2 | 2.584 | 2.584 | 0.000 | 207350159 | 100.0 | 98.6 | |
| | | | | | | RPD = 0.26 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.444 | 3.444 | 0.000 | 88167685 | 100.0 | 100.2 | |
| 2 | 2.817 | 2.817 | 0.000 | 210100837 | 100.0 | 100.2 | |
| | | | | | | RPD = 0.01 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.121 | 4.121 | 0.000 | 74999352 | 100.0 | 97.5 | |
| 2 | 3.360 | 3.360 | 0.000 | 187473637 | 100.0 | 99.0 | |
| | | | | | | RPD = 1.49 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 76438483 | 100.0 | 97.4 | |
| 2 | 3.490 | 3.490 | 0.000 | 192331742 | 100.0 | 98.6 | |
| | | | | | | RPD = 1.20 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 74134086 | 100.0 | 98.5 | |
| 2 | 3.638 | 3.638 | 0.000 | 187595819 | 100.0 | 99.7 | M |
| | | | | | | RPD = 1.24 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.609 | 4.609 | 0.000 | 71287171 | 100.0 | 99.5 | |
| 2 | 3.786 | 3.786 | 0.000 | 178890578 | 100.0 | 99.9 | M |
| | | | | | | RPD = 0.36 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.749 | 4.749 | 0.000 | 76726959 | 100.0 | 98.7 | |
| 2 | 3.733 | 3.733 | 0.000 | 198280508 | 100.0 | 100.2 | M |
| | | | | | | RPD = 1.45 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 79790047 | 100.0 | 99.2 | |
| 2 | 4.039 | 4.039 | 0.000 | 202282448 | 100.0 | 100.5 | |
| | | | | | | RPD = 1.29 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.224 | 5.224 | 0.000 | 71865670 | 100.0 | 97.8 | |
| 2 | 4.284 | 4.284 | 0.000 | 182134648 | 100.0 | 99.8 | M |
| | | | | | | RPD = 1.95 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 66977908 | 100.0 | 97.3 | |
| 2 | 4.385 | 4.385 | 0.000 | 164245722 | 100.0 | 99.4 | M |
| | | | | | | RPD = 2.07 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.425 | 5.425 | 0.000 | 68042954 | 100.0 | 101.4 | |
| 2 | 4.547 | 4.547 | 0.000 | 163149969 | 100.0 | 102.8 | |
| | | | | | | RPD = 1.38 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.669 | 5.669 | 0.000 | 68403956 | 100.0 | 98.0 | |
| 2 | 4.722 | 4.722 | 0.000 | 164284457 | 100.0 | 98.5 | |
| | | | | | | RPD = 0.47 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.793 | 5.793 | 0.000 | 51688644 | 100.0 | 96.8 | |
| 2 | 4.994 | 4.994 | 0.000 | 128641075 | 100.0 | 95.6 | M |
| | | | | | | RPD = 1.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 69522582 | 100.0 | 96.3 | |
| 2 | 5.387 | 5.387 | 0.000 | 176485249 | 100.0 | 98.2 | M |
| | | | | | | RPD = 1.93 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.729 | 6.729 | 0.000 | 38161402 | 100.0 | 96.9 | |
| 2 | 5.221 | 5.221 | 0.000 | 90319951 | 100.0 | 98.5 | M |
| | | | | | | RPD = 1.65 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.879 | 6.879 | 0.000 | 57519488 | 100.0 | 97.7 | M |
| 2 | 5.282 | 5.282 | 0.000 | 133686706 | 100.0 | 99.1 | M |
| | | | | | | RPD = 1.48 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.984 | 6.984 | 0.000 | 80844675 | 100.0 | 97.3 | M |
| 2 | 5.637 | 5.637 | 0.000 | 195836633 | 100.0 | 97.4 | M |
| | | | | | | RPD = 0.08 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.219 | 8.219 | 0.000 | 61921905 | 100.0 | 94.9 | |
| 2 | 7.149 | 7.149 | 0.000 | 183332427 | 100.0 | 96.9 | |
| | | | | | | RPD = 2.03 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:19 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D

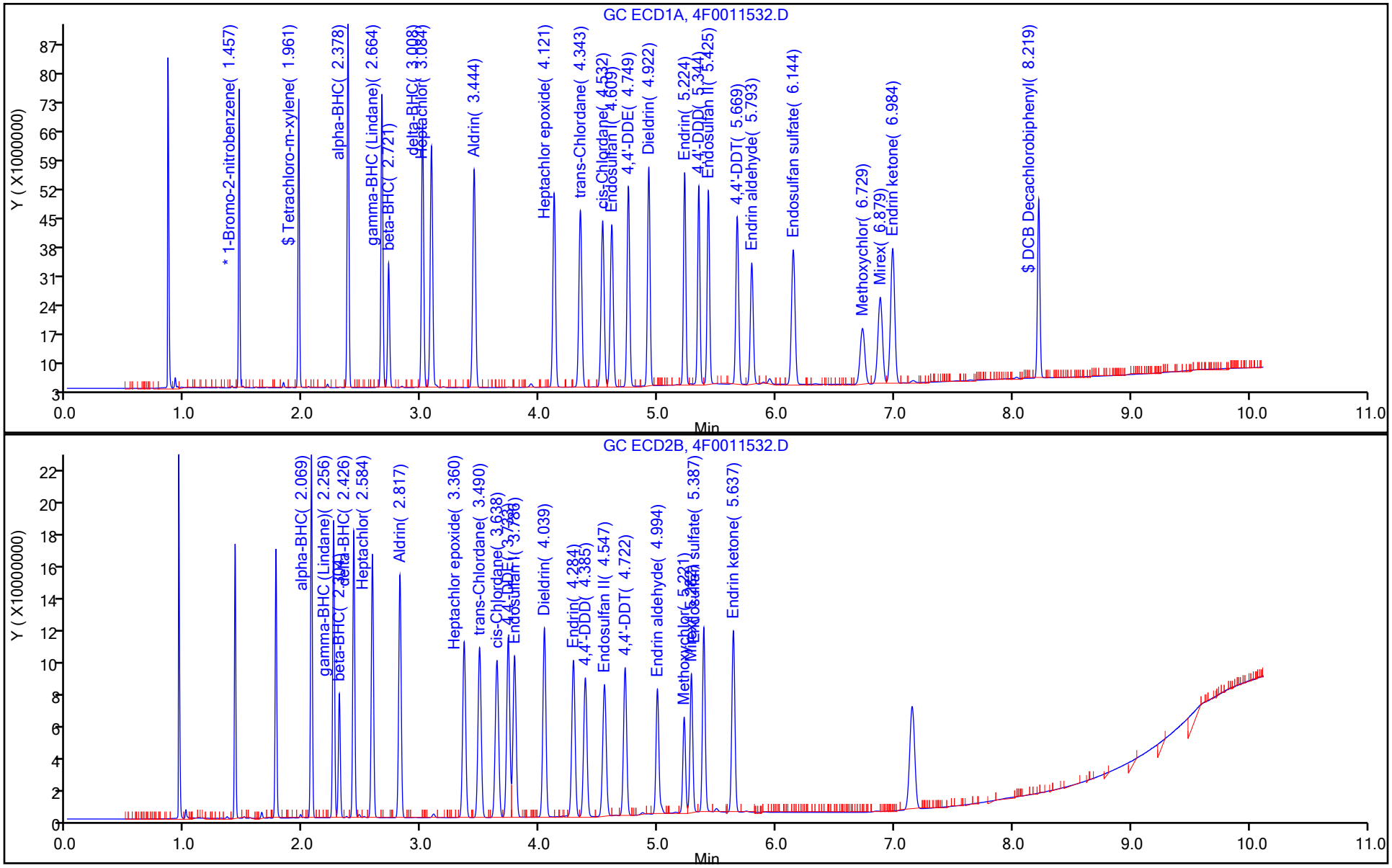
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 19

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

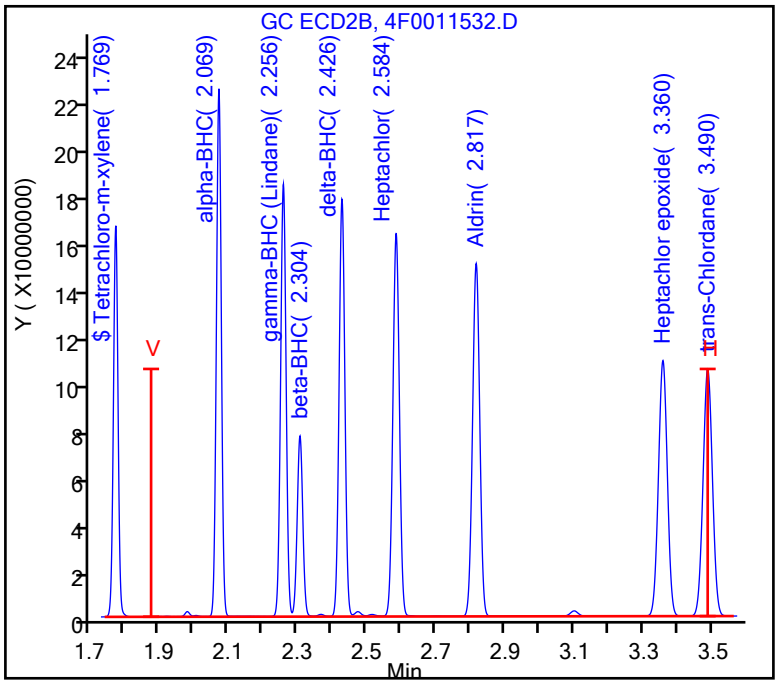
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 100886976
H(Smaller Peak Height) = 100627136

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

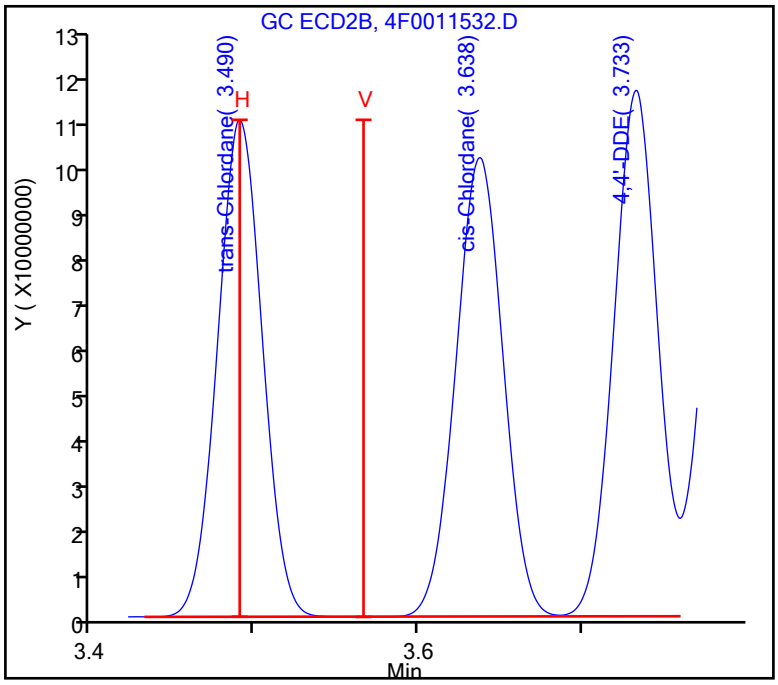
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 100613376
H(Smaller Peak Height) = 100576352

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

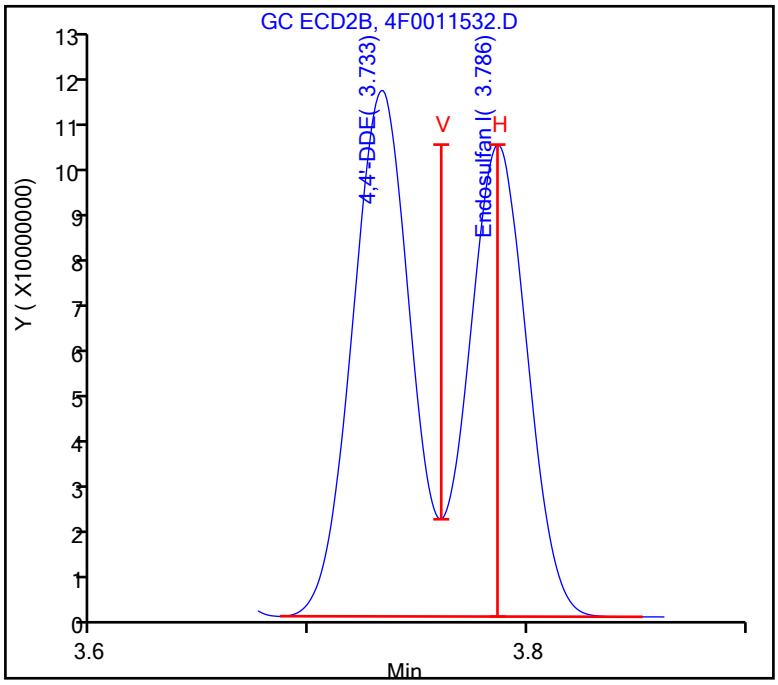
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 75672352
H(Smaller Peak Height) = 95483232

%Resolution = 79.3, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

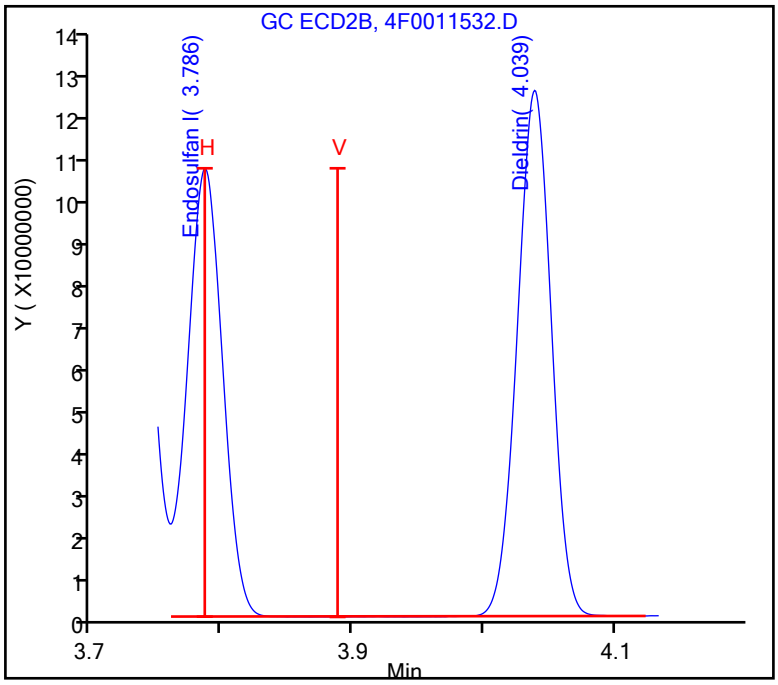
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 95420608
H(Smaller Peak Height) = 95481184

%Resolution = 99.9, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

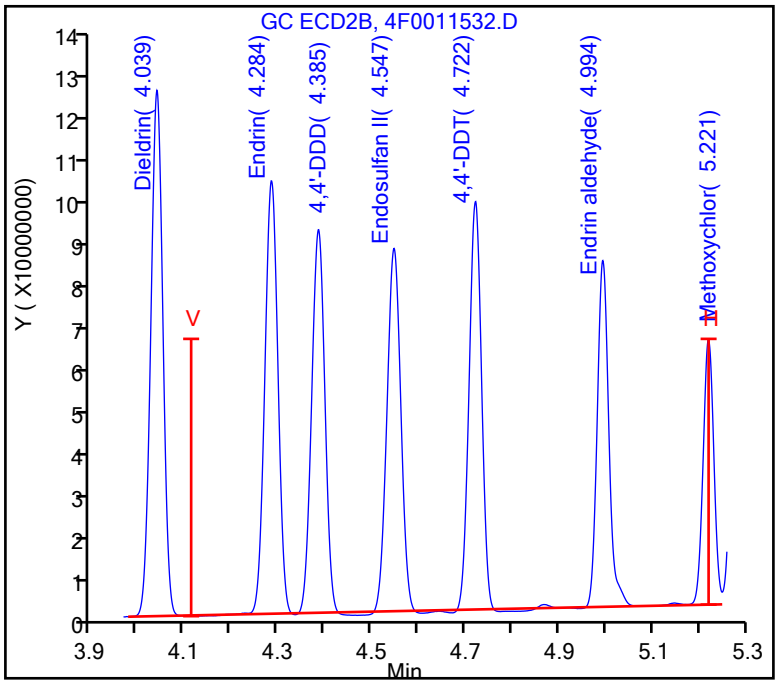
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 58950784
H(Smaller Peak Height) = 56501656

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

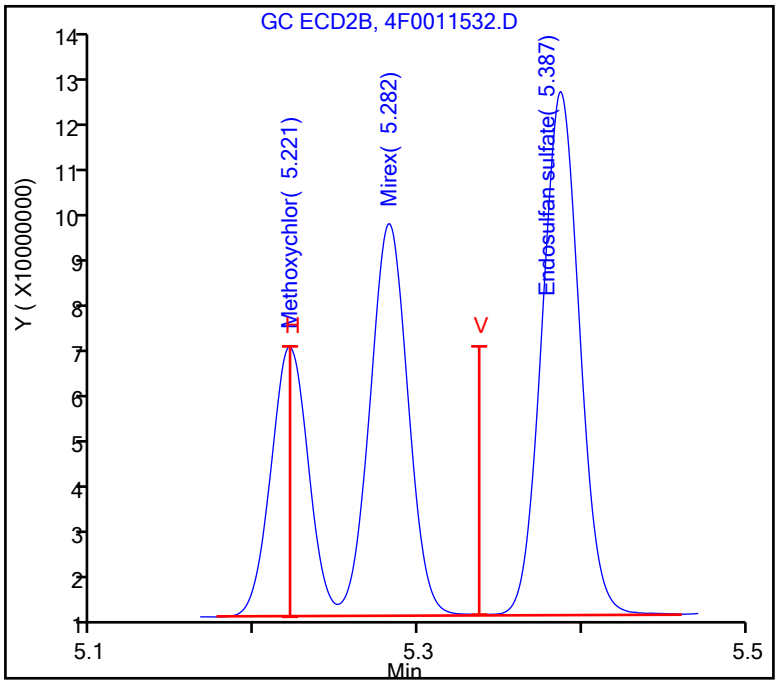
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 55977984
H(Smaller Peak Height) = 56501804

%Resolution = 99.1, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

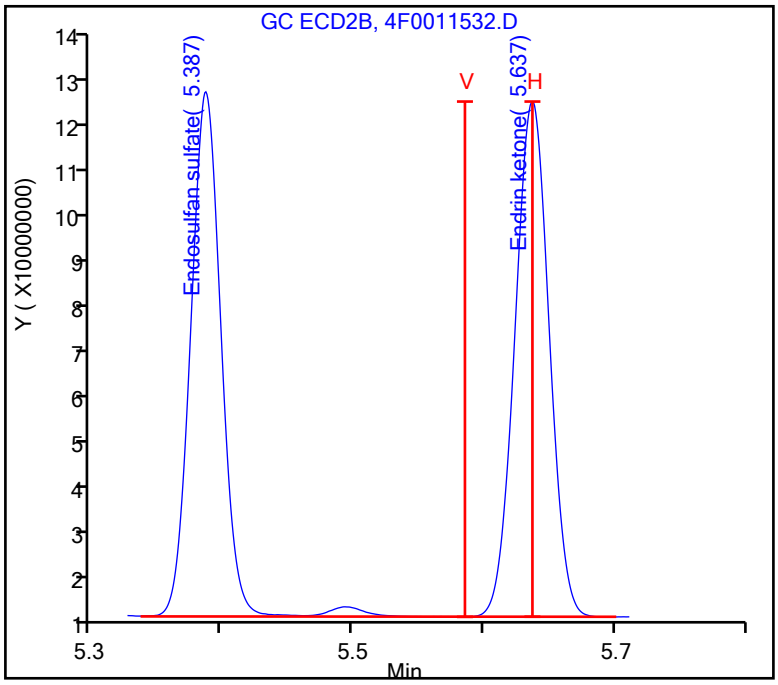
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 107270752
H(Smaller Peak Height) = 107330600

%Resolution = 99.9, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

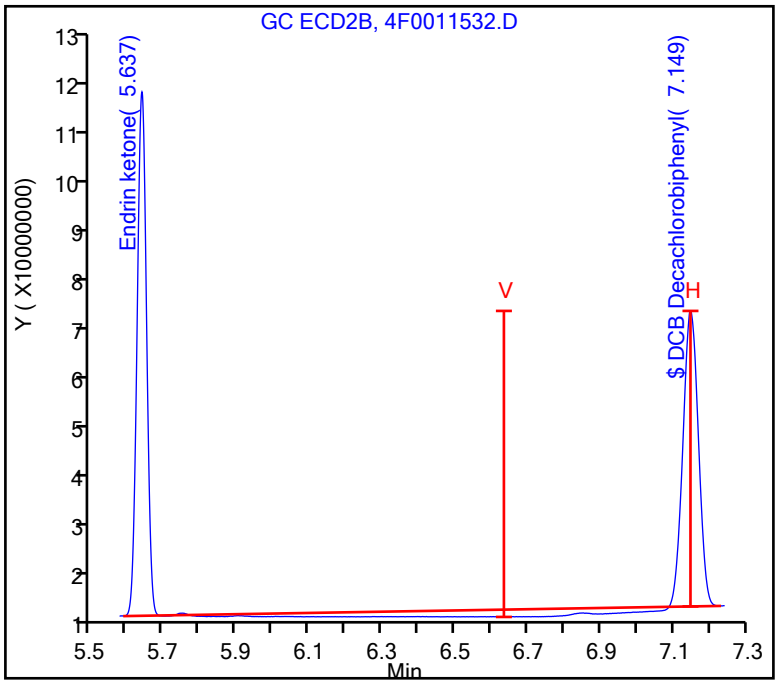
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 62617856
H(Smaller Peak Height) = 60470340

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

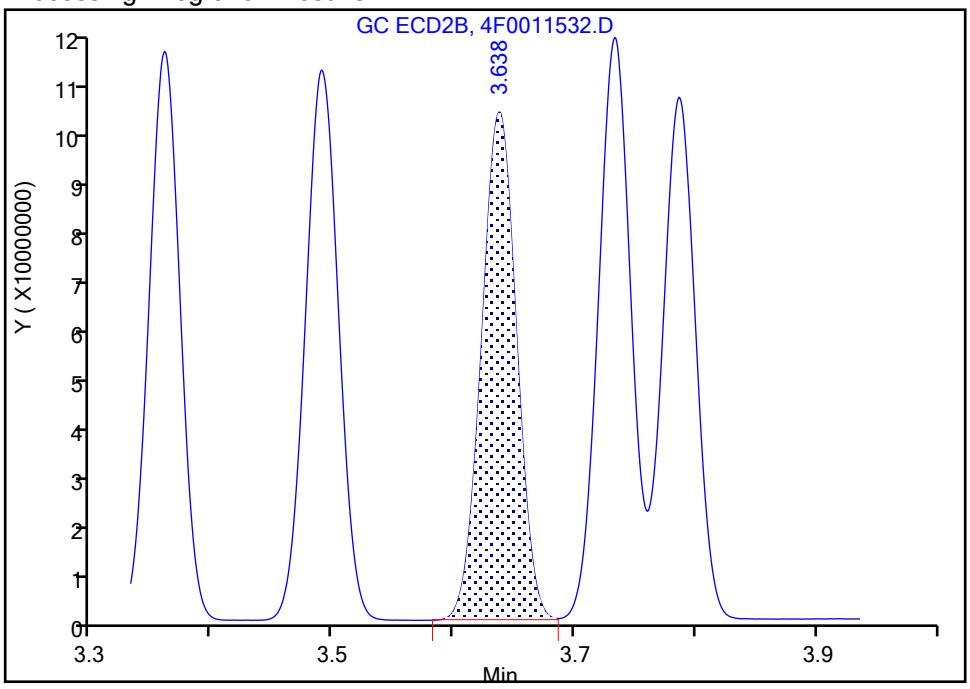
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

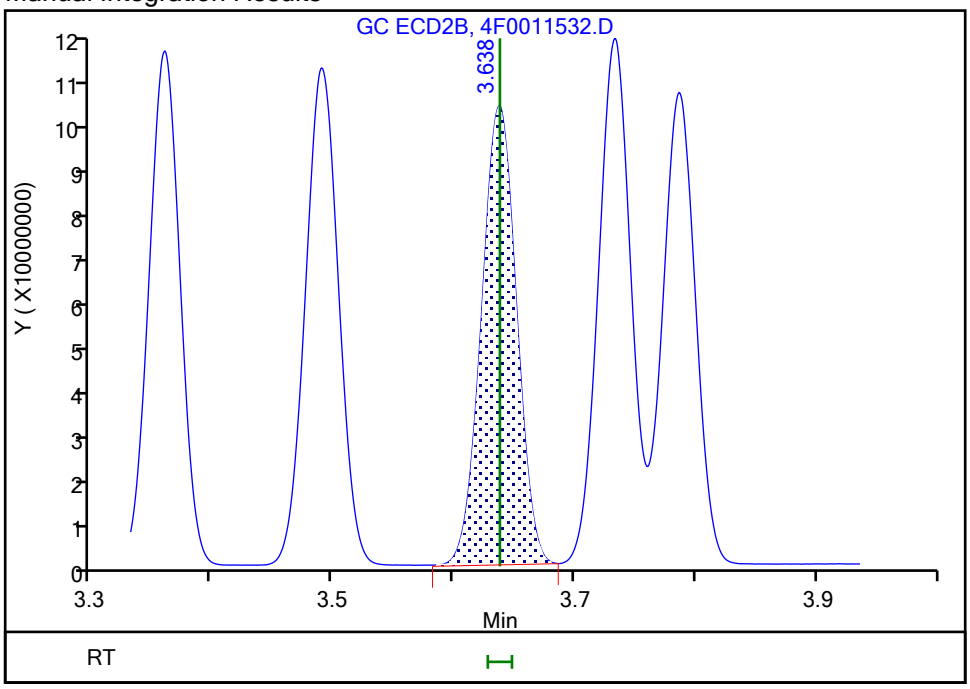
Processing Integration Results

RT: 3.64
Area: 186801216
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.64
Area: 187595819
Amount: 99.693692
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

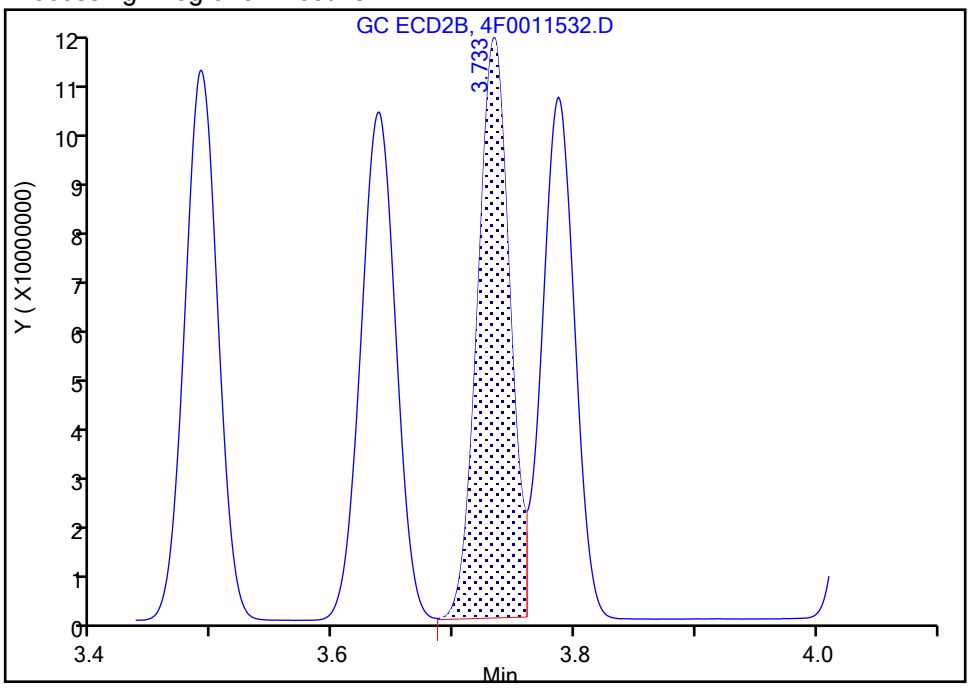
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

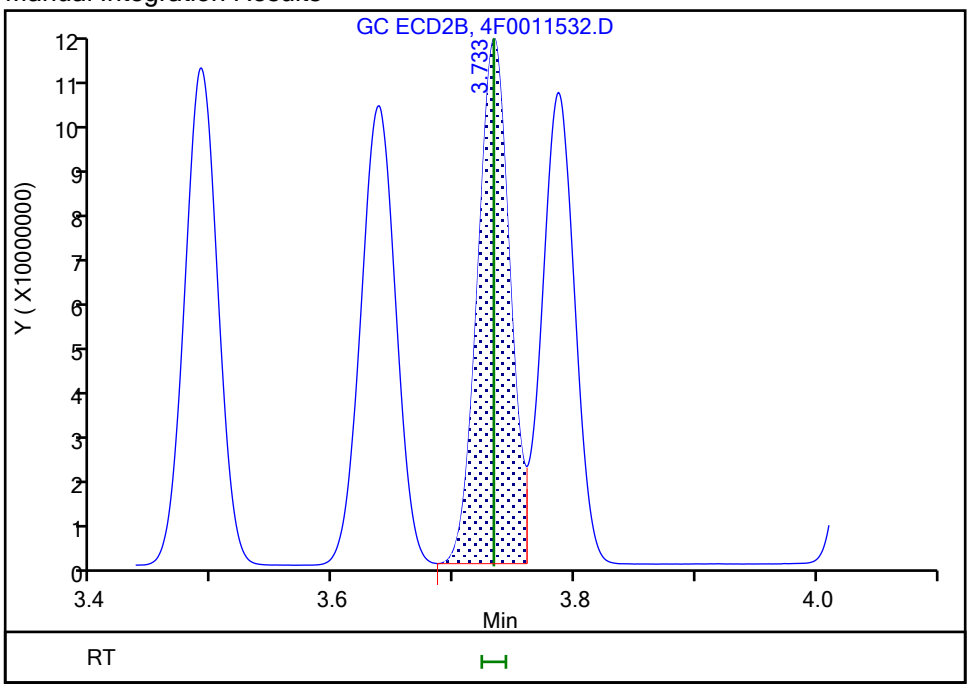
Processing Integration Results

RT: 3.73
Area: 196811044
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 198280508
Amount: 100.1671
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

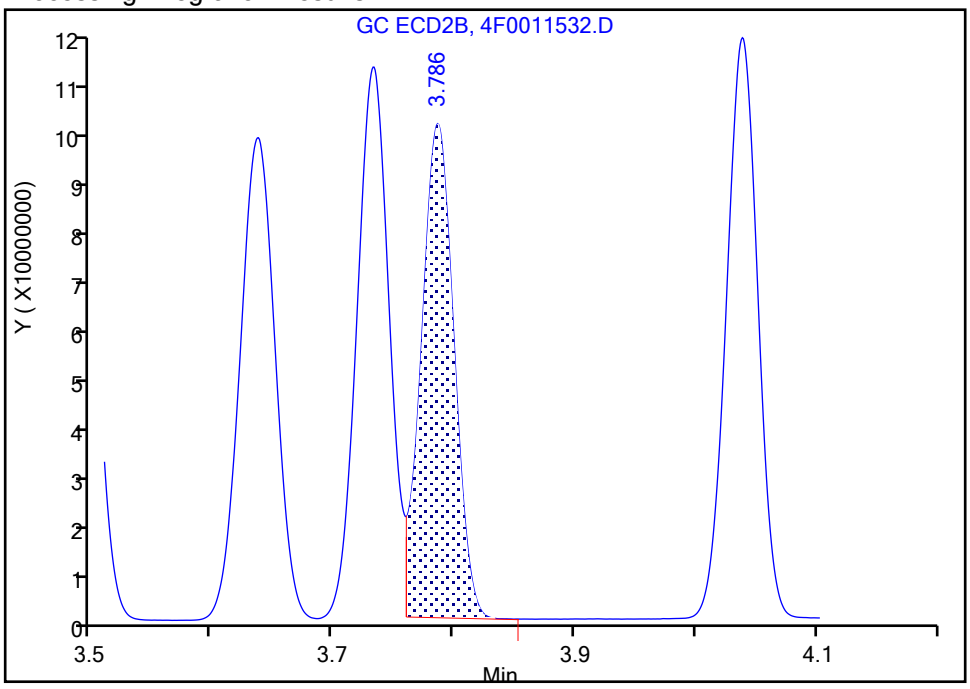
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

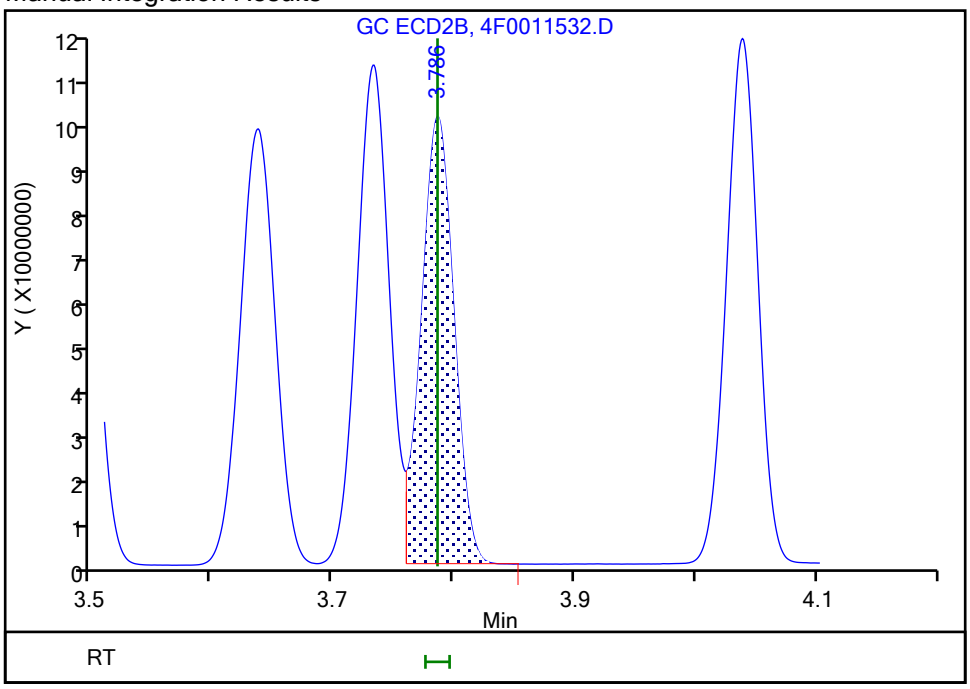
Processing Integration Results

RT: 3.79
Area: 177702476
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 178890578
Amount: 99.859890
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

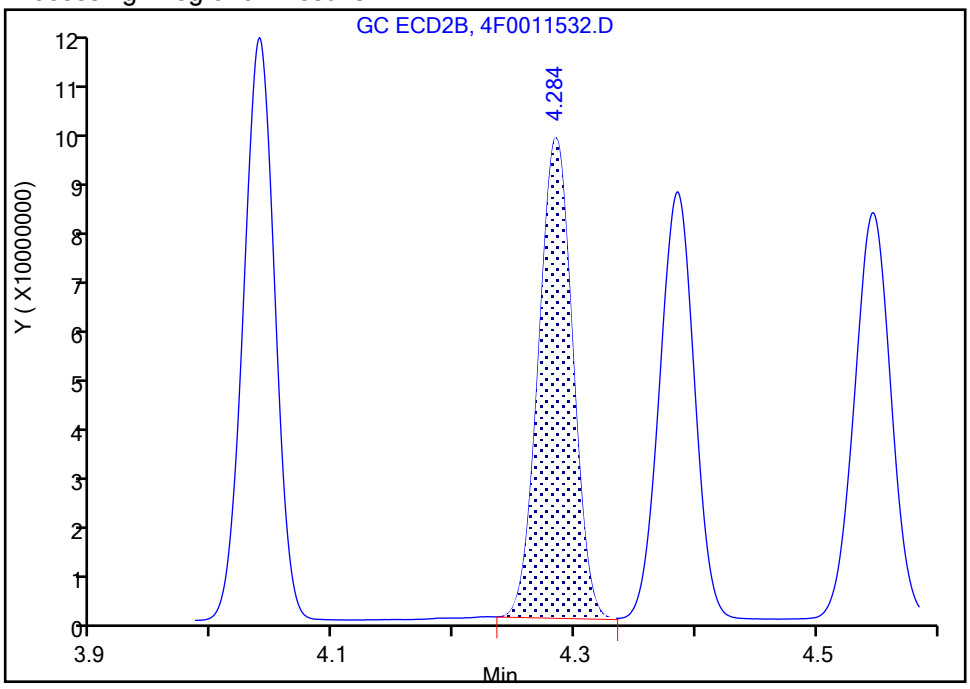
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8

Signal: 2

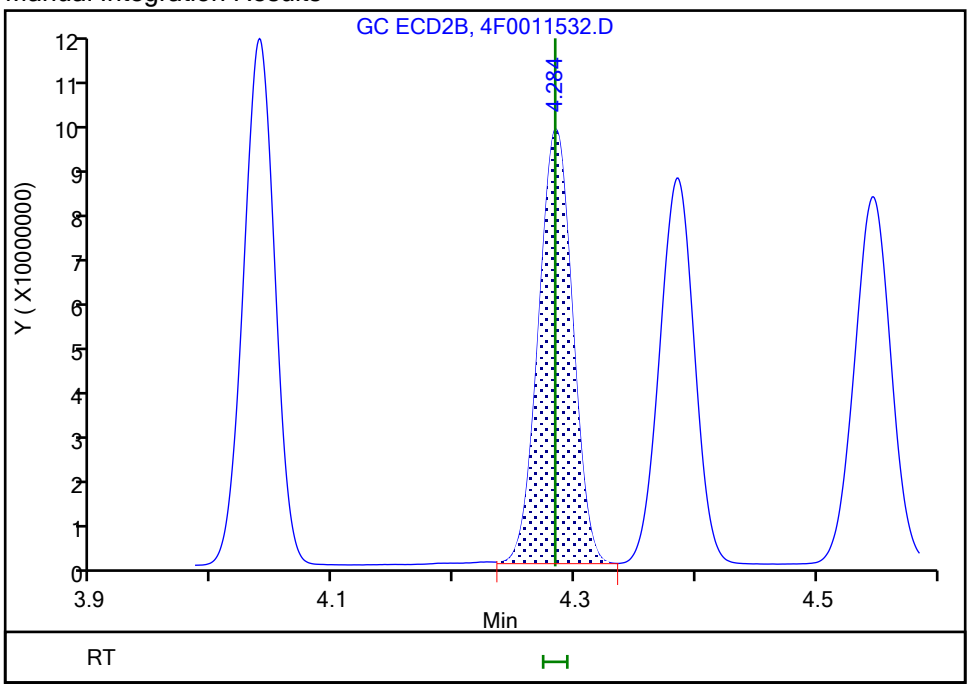
Processing Integration Results

RT: 4.28
Area: 179917798
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 4.28
Area: 182134648
Amount: 99.763486
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

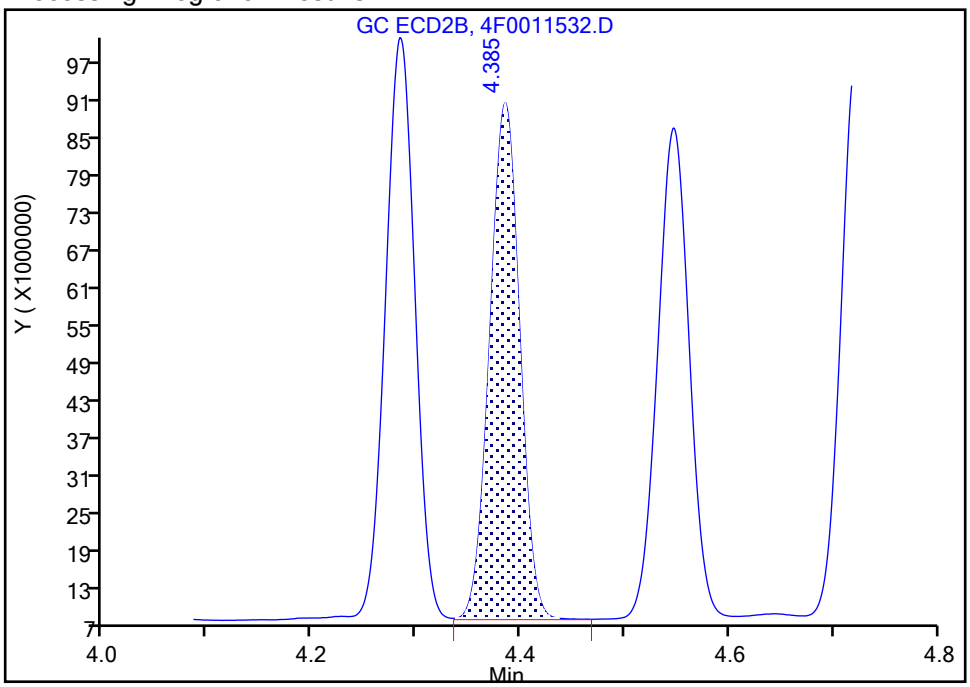
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 2

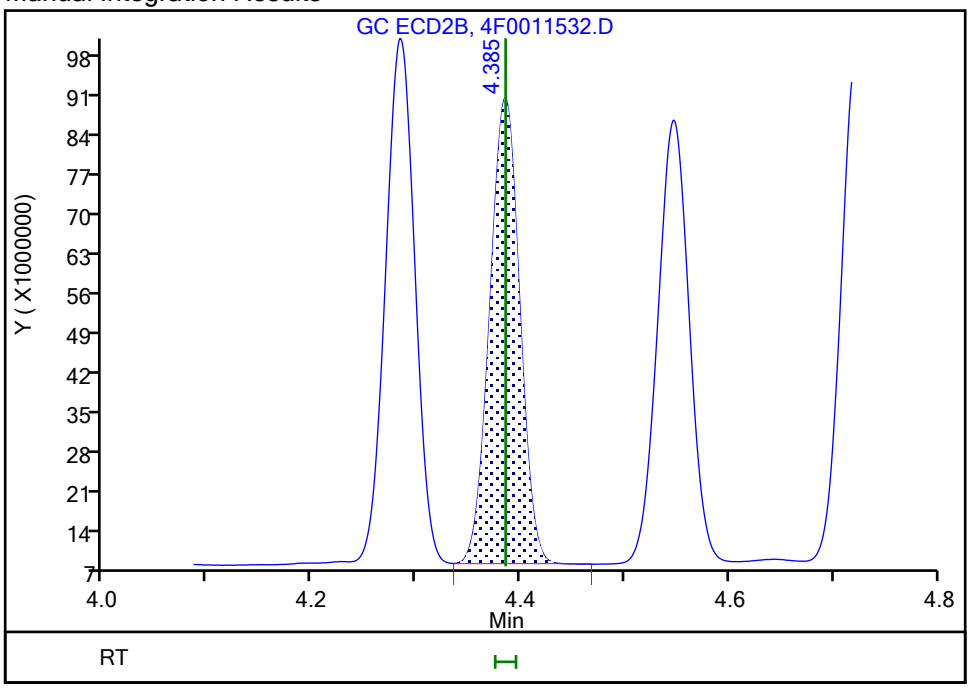
Processing Integration Results

RT: 4.39
Area: 163645473
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 4.39
Area: 164245722
Amount: 99.375442
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

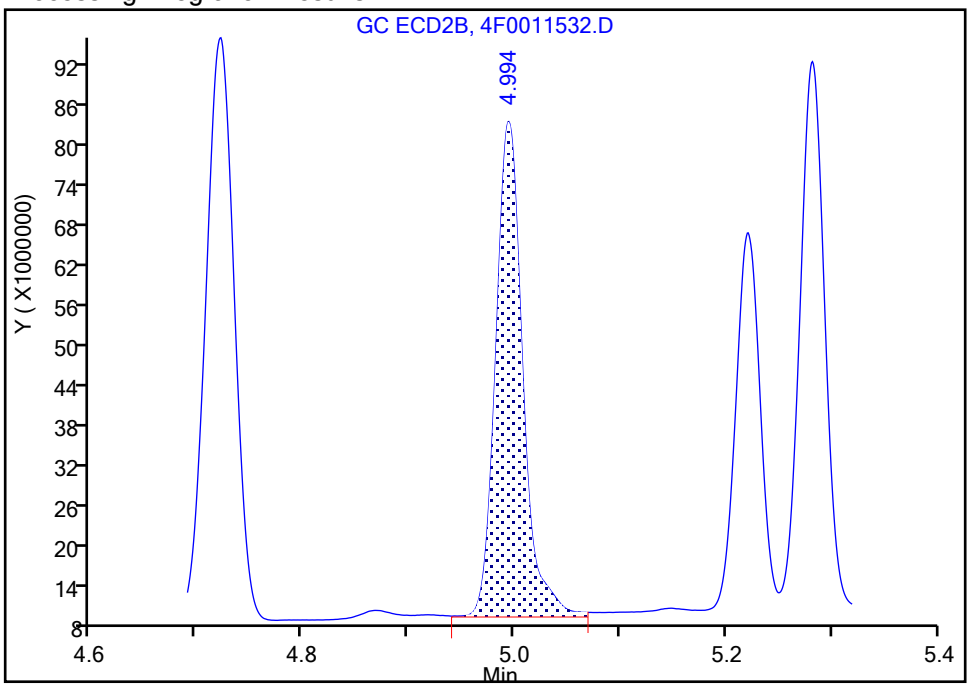
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

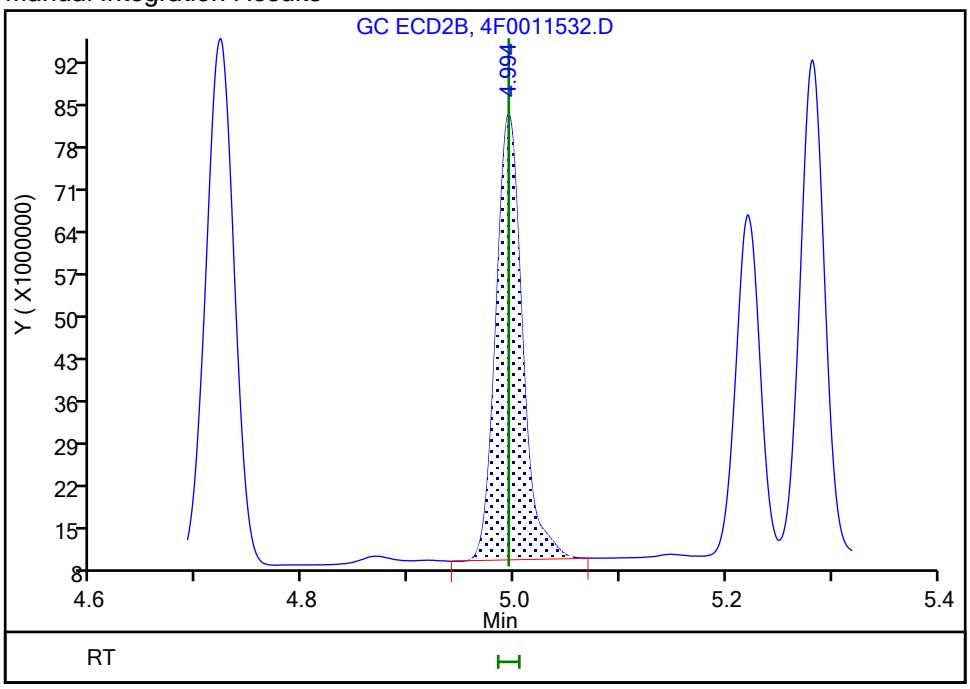
Processing Integration Results

RT: 4.99
Area: 130943329
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 4.99
Area: 128641075
Amount: 95.596770
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:20 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

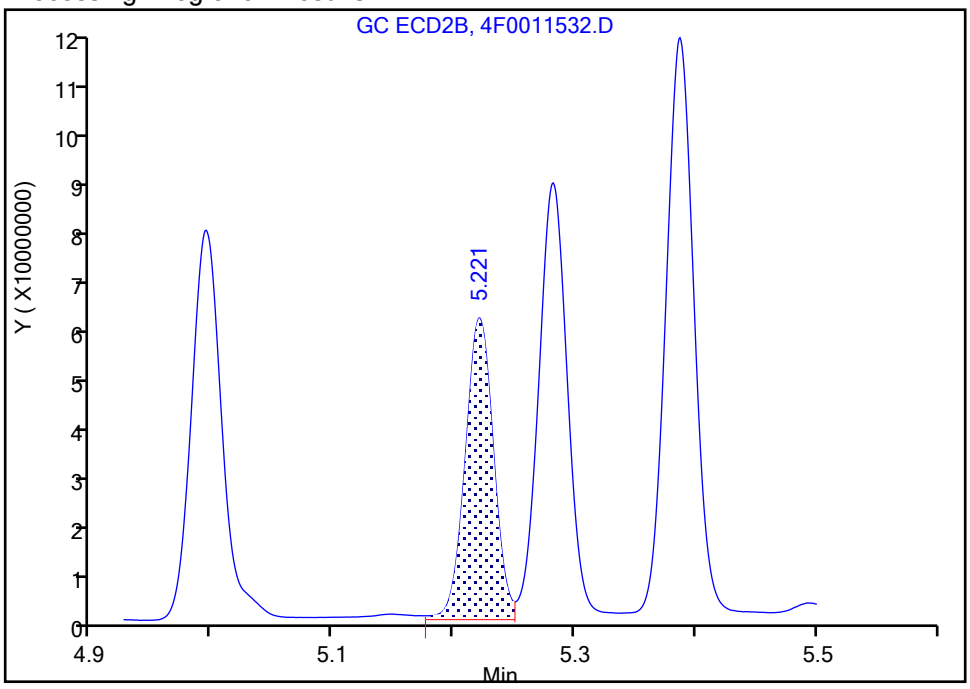
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

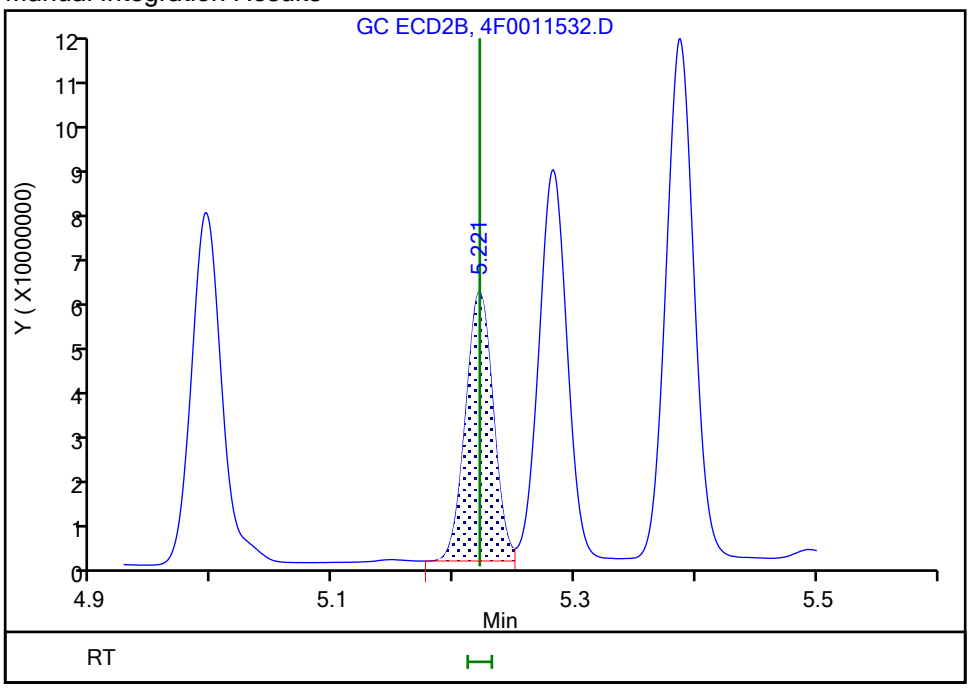
Processing Integration Results

RT: 5.22
Area: 93167784
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.22
Area: 90319951
Amount: 98.463858
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

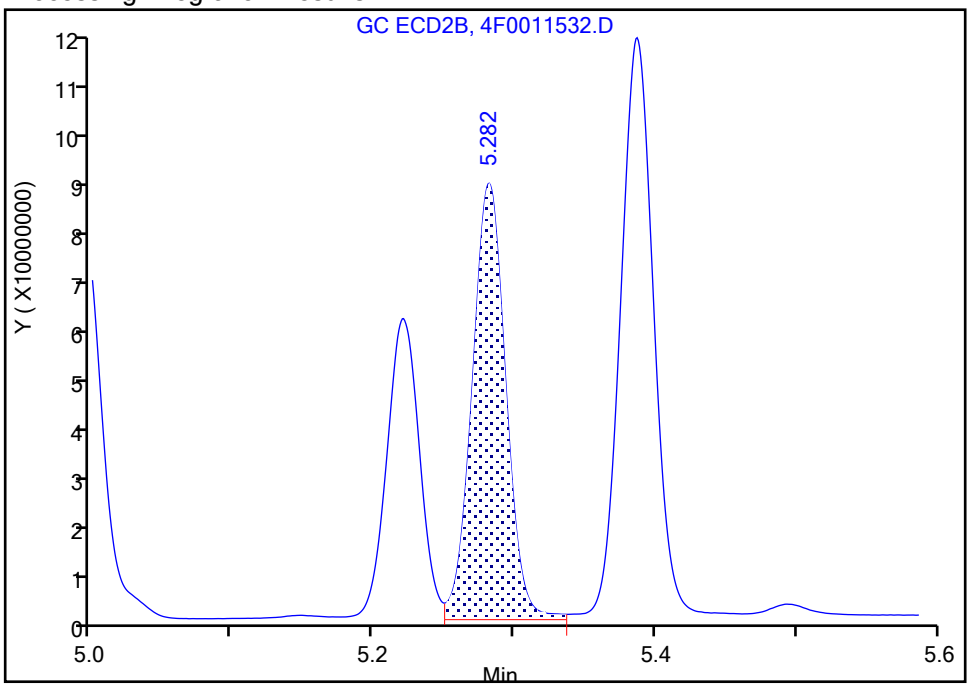
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

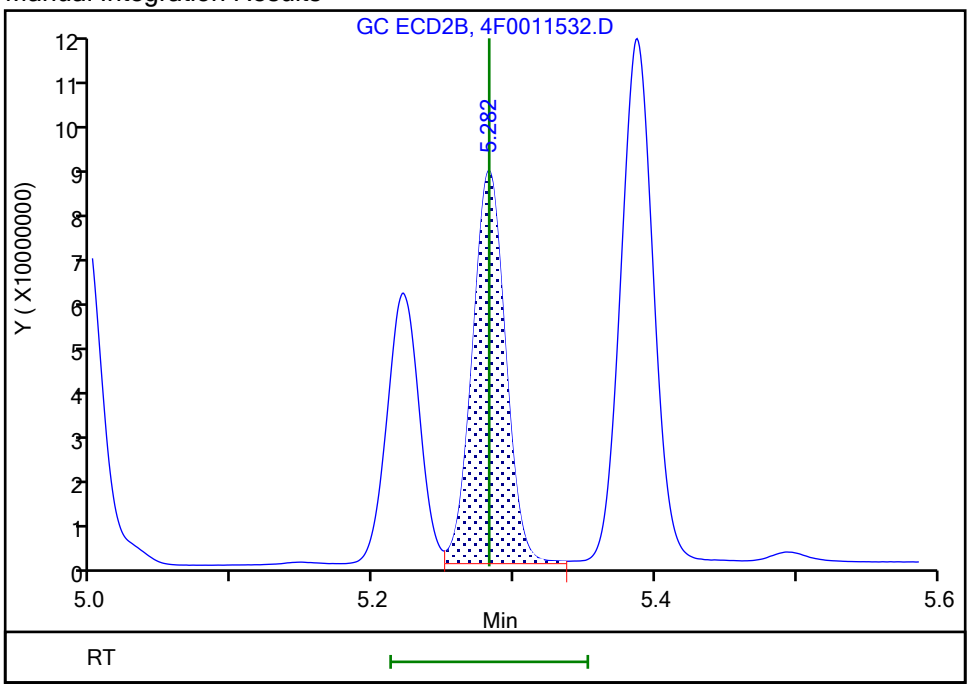
Processing Integration Results

RT: 5.28
Area: 137398739
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.28
Area: 133686706
Amount: 99.128844
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

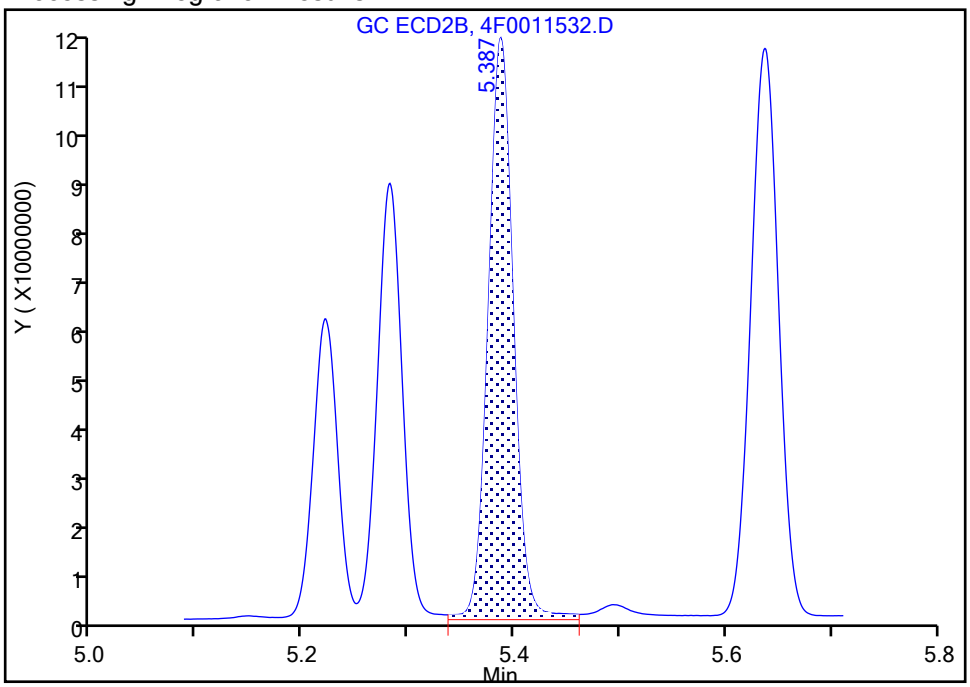
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

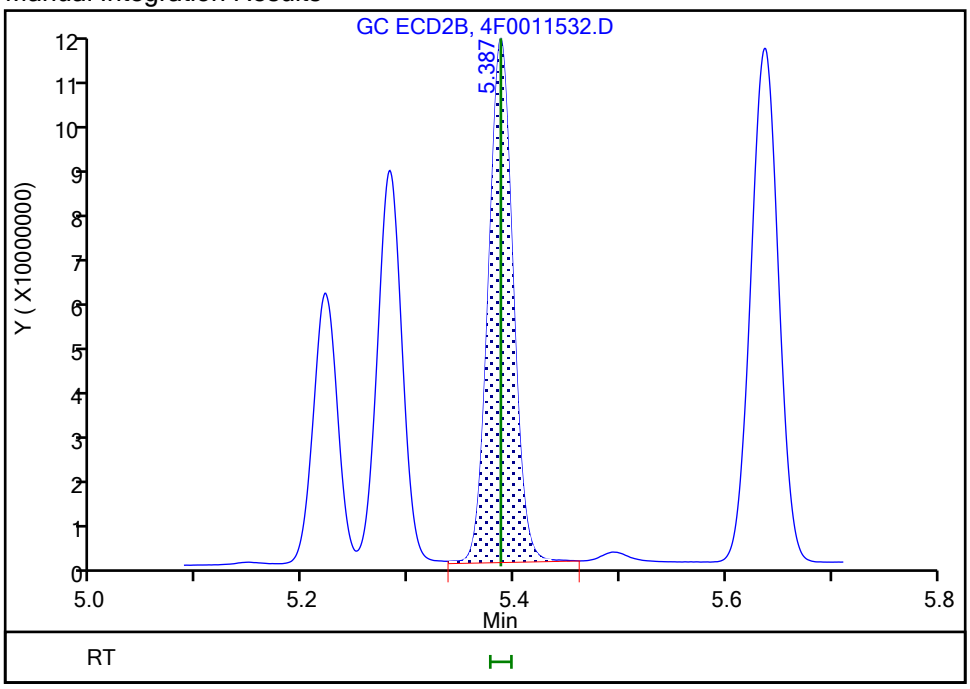
Processing Integration Results

RT: 5.39
Area: 182525072
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.39
Area: 176485249
Amount: 98.175728
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

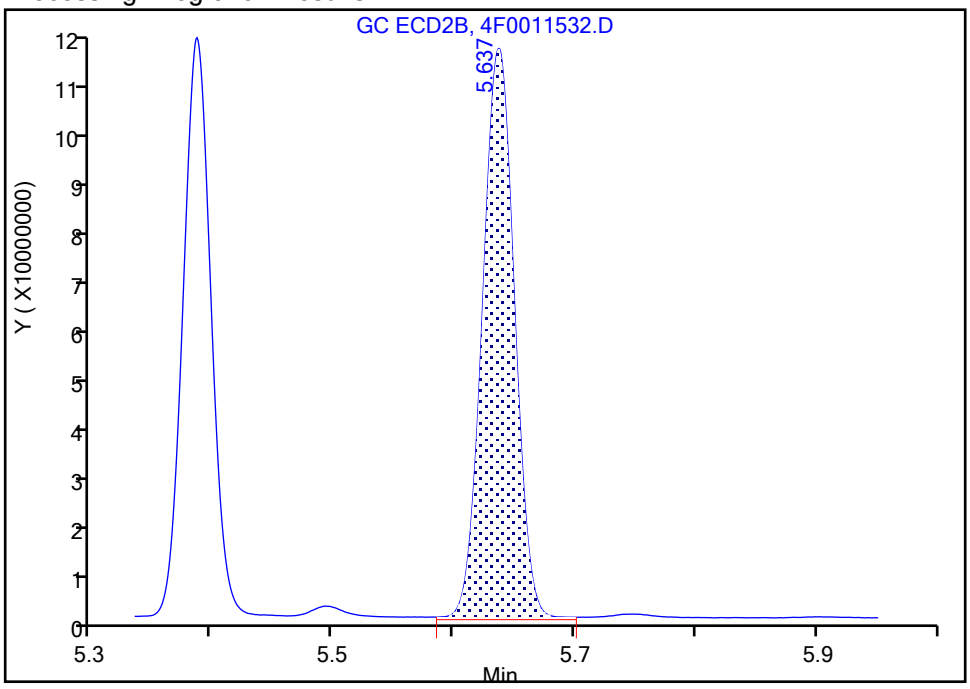
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011532.D
Injection Date: 27-Nov-2024 08:16:40 Instrument ID: CPESTGC4
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 2

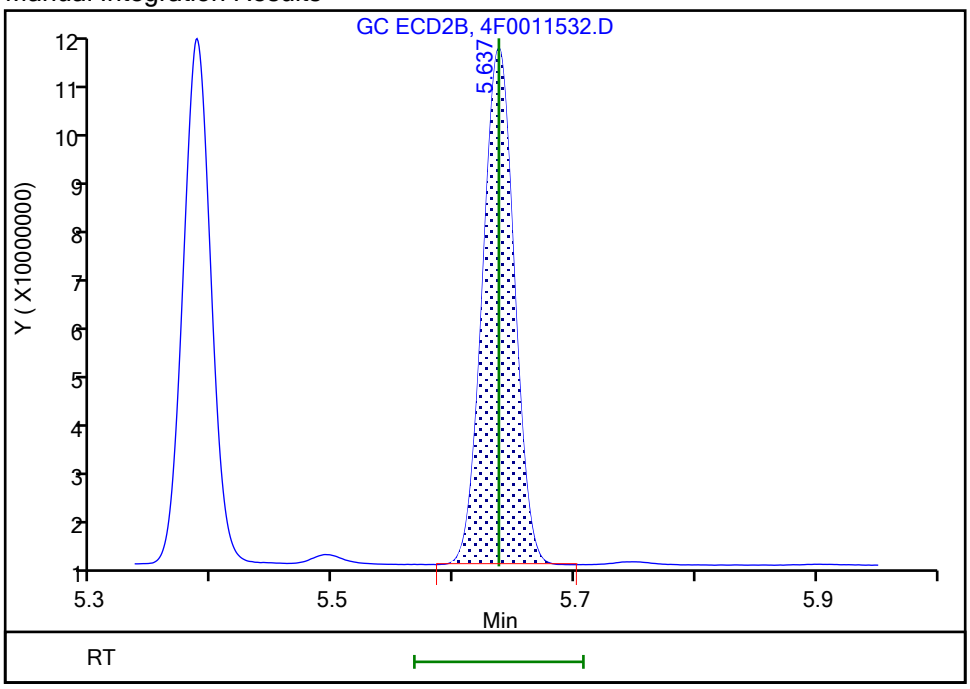
Processing Integration Results

RT: 5.64
Area: 199288934
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 5.64
Area: 195836633
Amount: 97.387476
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:32:25 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Nov-2024 08:32:31 ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:25 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 08:53:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 57509421 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 137178700 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 4128720 | 6.25 | 6.52 | |
| 2 | 1.768 | 1.769 | -0.001 | 10663117 | 6.25 | 6.71 | |
| | | | | | | RPD = 2.94 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.378 | 2.378 | 0.000 | 2246392 | 2.50 | 2.42 | |
| 2 | 2.068 | 2.069 | -0.001 | 5734398 | 2.50 | 2.50 | M |
| | | | | | | RPD = 3.24 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.664 | 2.664 | 0.000 | 2079407 | 2.50 | 2.45 | |
| 2 | 2.255 | 2.256 | -0.001 | 5239742 | 2.50 | 2.52 | M |
| | | | | | | RPD = 2.89 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 1037154 | 2.50 | 2.77 | |
| 2 | 2.303 | 2.304 | -0.001 | 2437396 | 2.50 | 2.73 | M |
| | | | | | | RPD = 1.25 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.008 | 3.008 | 0.000 | 2083002 | 2.50 | 2.42 | |
| 2 | 2.425 | 2.426 | -0.001 | 5275189 | 2.50 | 2.51 | M |
| | | | | | | RPD = 3.47 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.083 | 3.084 | -0.001 | 2351885 | 2.50 | 2.62 | |
| 2 | 2.583 | 2.584 | -0.001 | 5838386 | 2.50 | 2.67 | M |
| | | | | | | RPD = 1.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | M |
| 1 | 3.445 | 3.444 | 0.001 | 2214740 | 2.50 | 2.48 | |
| 2 | 2.816 | 2.817 | -0.001 | 5520959 | 2.50 | 2.53 | M |
| | | | | | | RPD = 2.19 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 2111440 | 2.50 | 2.70 | |
| 2 | 3.358 | 3.360 | -0.002 | 5341109 | 2.50 | 2.71 | |
| | | | | | | RPD = 0.36 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 2110636 | 2.50 | 2.65 | |
| 2 | 3.488 | 3.490 | -0.002 | 5517048 | 2.50 | 2.72 | |
| | | | | | | RPD = 2.69 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.532 | 4.532 | 0.000 | 2006977 | 2.50 | 2.62 | |
| 2 | 3.636 | 3.638 | -0.002 | 5173360 | 2.50 | 2.64 | |
| | | | | | | RPD = 0.76 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.608 | 4.609 | -0.001 | 1877922 | 2.50 | 2.58 | |
| 2 | 3.786 | 3.786 | 0.000 | 5021205 | 2.50 | 2.69 | M |
| | | | | | | RPD = 4.38 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.749 | 4.749 | 0.000 | 1959718 | 2.50 | 2.48 | |
| 2 | 3.733 | 3.733 | 0.000 | 5315960 | 2.50 | 2.58 | M |
| | | | | | | RPD = 3.97 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.921 | 4.922 | -0.001 | 2022494 | 2.50 | 2.47 | M |
| 2 | 4.038 | 4.039 | -0.001 | 5219627 | 2.50 | 2.49 | |
| | | | | | | RPD = 0.75 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.225 | 5.224 | 0.001 | 2009765 | 2.50 | 2.69 | M |
| 2 | 4.283 | 4.284 | -0.001 | 4754564 | 2.50 | 2.50 | |
| | | | | | | RPD = 7.26 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 1763076 | 2.50 | 2.52 | M |
| 2 | 4.383 | 4.385 | -0.002 | 4363279 | 2.50 | 2.54 | |
| | | | | | | RPD = 0.67 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 1863506 | 2.50 | 2.73 | M |
| 2 | 4.545 | 4.547 | -0.002 | 4383632 | 2.50 | 2.66 | |
| | | | | | | RPD = 2.86 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 1765358 | 2.50 | 2.49 | |
| 2 | 4.721 | 4.722 | -0.001 | 4359880 | 2.50 | 2.51 | |
| | | | | | | RPD = 0.94 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 1482721 | 2.50 | 2.73 | |
| 2 | 4.994 | 4.994 | 0.000 | 3893921 | 2.50 | 2.78 | |
| | | | | | | RPD = 1.81 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 2048963 | 2.50 | 2.79 | |
| 2 | 5.387 | 5.387 | 0.000 | 5057882 | 2.50 | 2.70 | M |
| | | | | | | RPD = 3.19 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.727 | 6.729 | -0.002 | 1065937 | 2.50 | 2.66 | |
| 2 | 5.221 | 5.221 | 0.000 | 2445466 | 2.50 | 2.56 | M |
| | | | | | | RPD = 3.79 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.880 | 6.879 | 0.001 | 1704393 | 2.50 | 2.85 | |
| 2 | 5.281 | 5.282 | -0.001 | 3803650 | 2.50 | 2.71 | M |
| | | | | | | RPD = 4.90 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.985 | 6.984 | 0.001 | 2308581 | 2.50 | 2.73 | |
| 2 | 5.637 | 5.637 | 0.000 | 5753009 | 2.50 | 2.75 | |
| | | | | | | RPD = 0.60 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.220 | 8.219 | 0.001 | 4730644 | 6.25 | 7.14 | |
| 2 | 7.151 | 7.149 | 0.002 | 13359953 | 6.25 | 6.79 | |
| | | | | | | RPD = 5.02 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 5.31 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

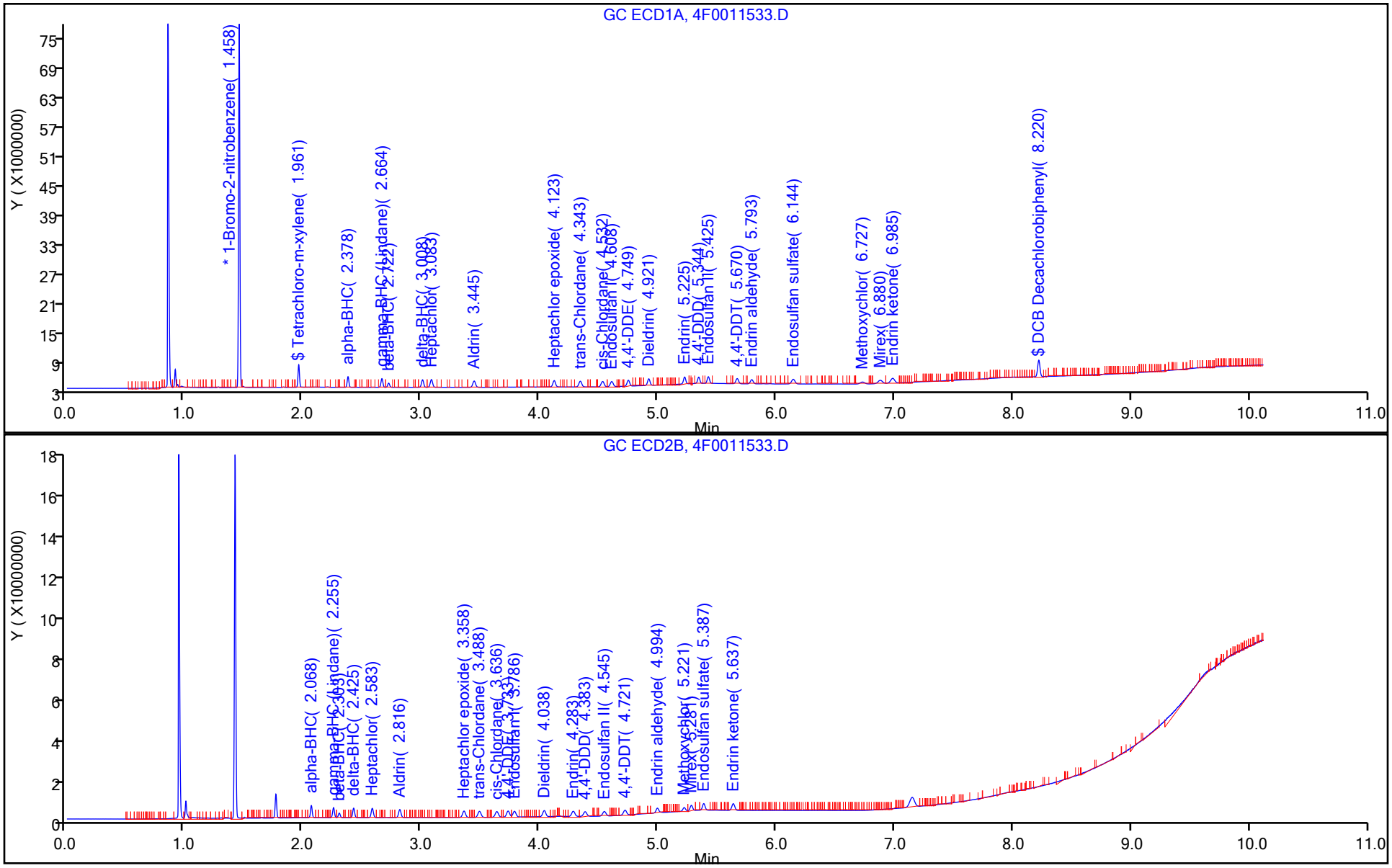
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:26 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 08:32:31 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

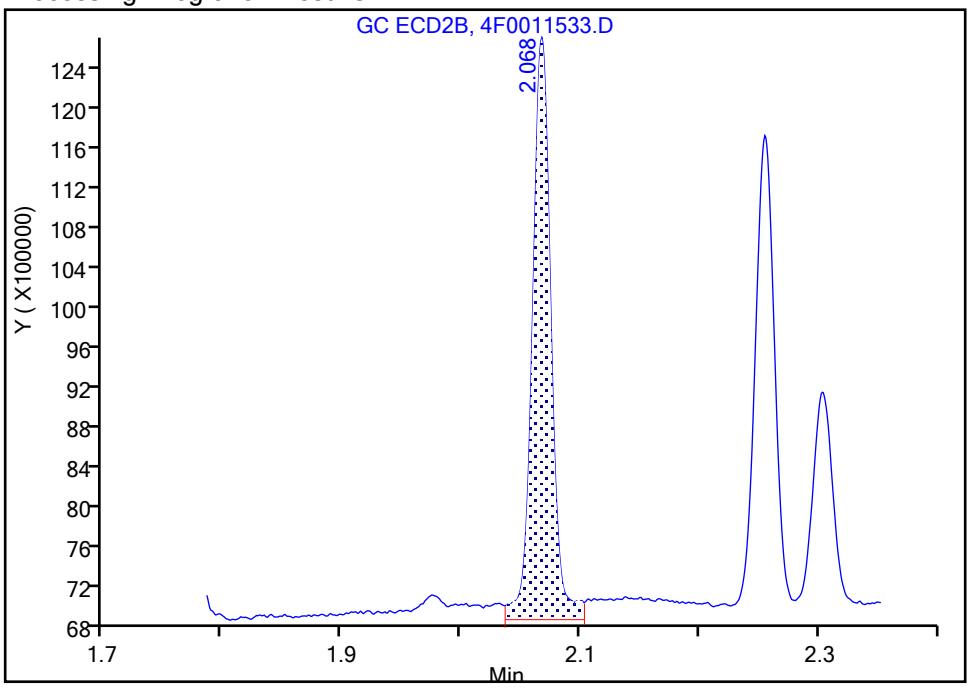
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6

Signal: 2

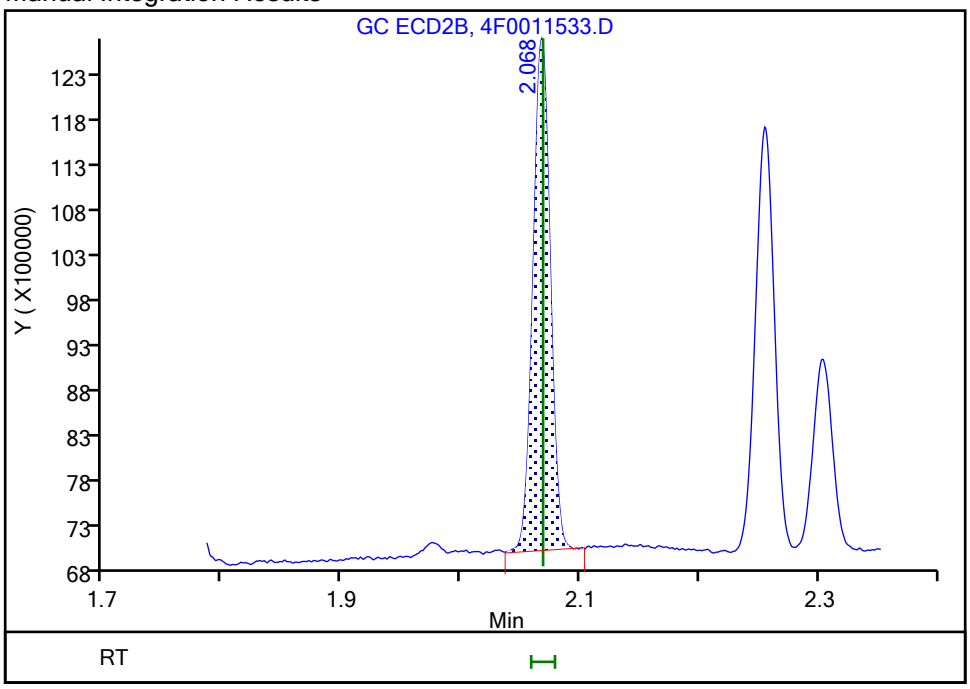
Processing Integration Results

RT: 2.07
Area: 6380310
Amount: 2.654372
Amount Units: ug/l




Manual Integration Results

RT: 2.07
Area: 5734398
Amount: 2.502698
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

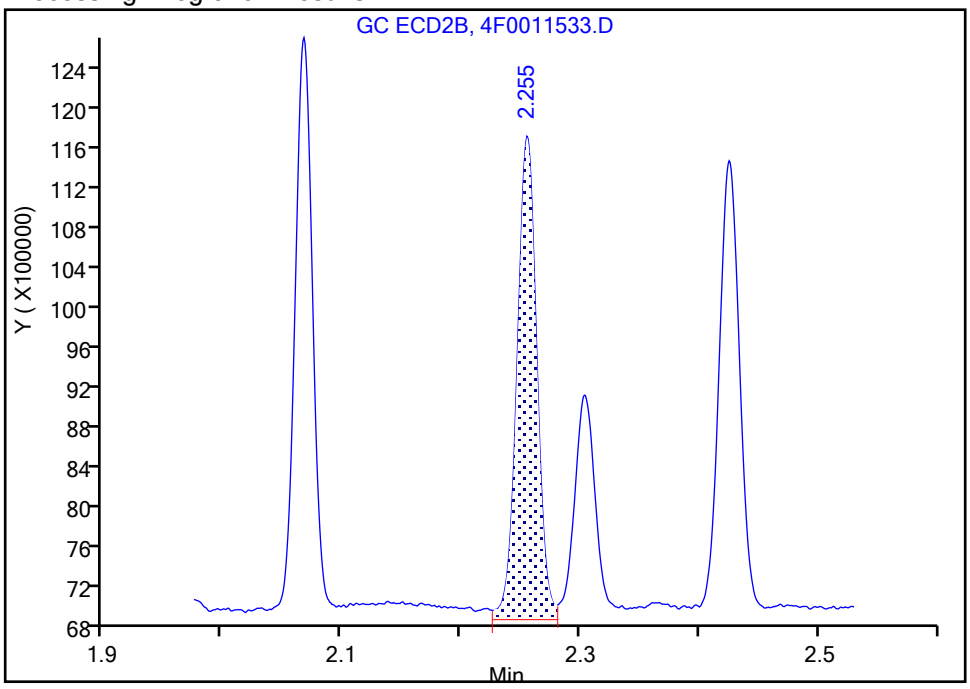
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

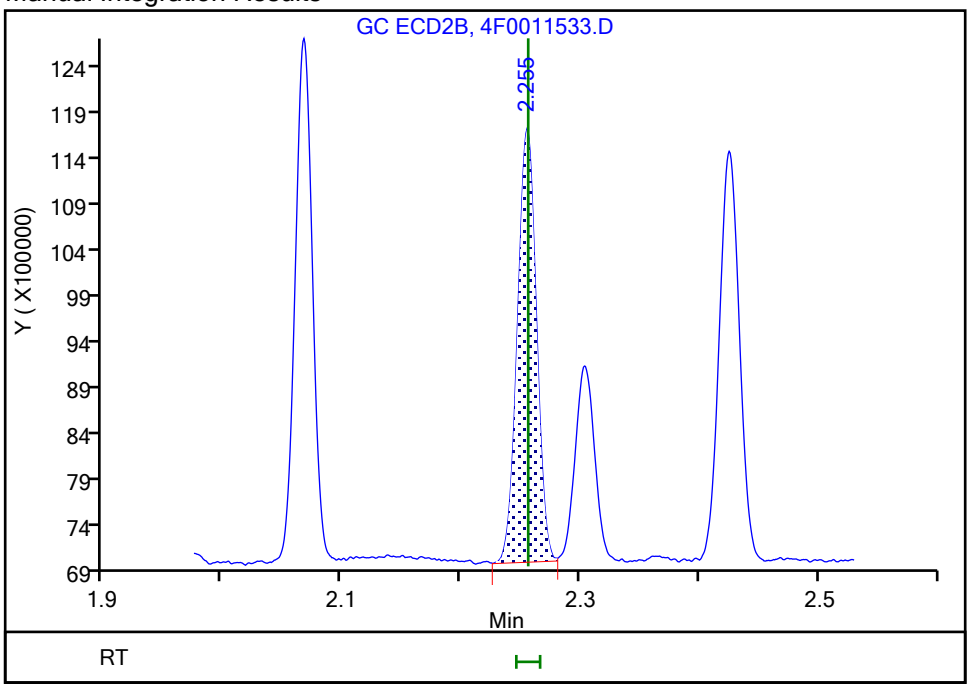
Processing Integration Results

RT: 2.26
Area: 5575355
Amount: 2.602852
Amount Units: ug/l




Manual Integration Results

RT: 2.26
Area: 5239742
Amount: 2.519789
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:36 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

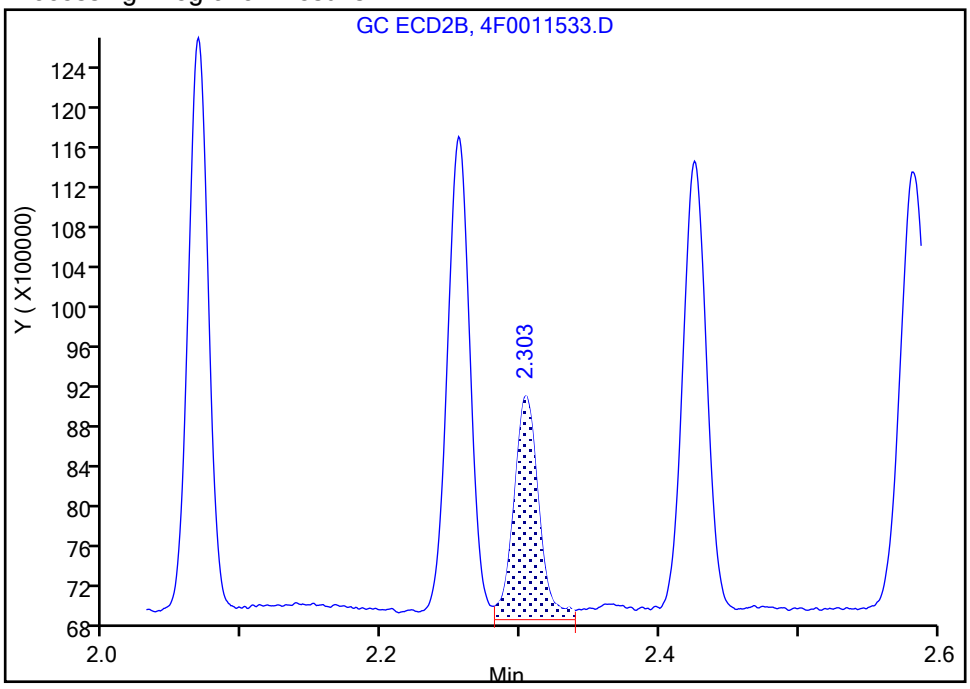
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

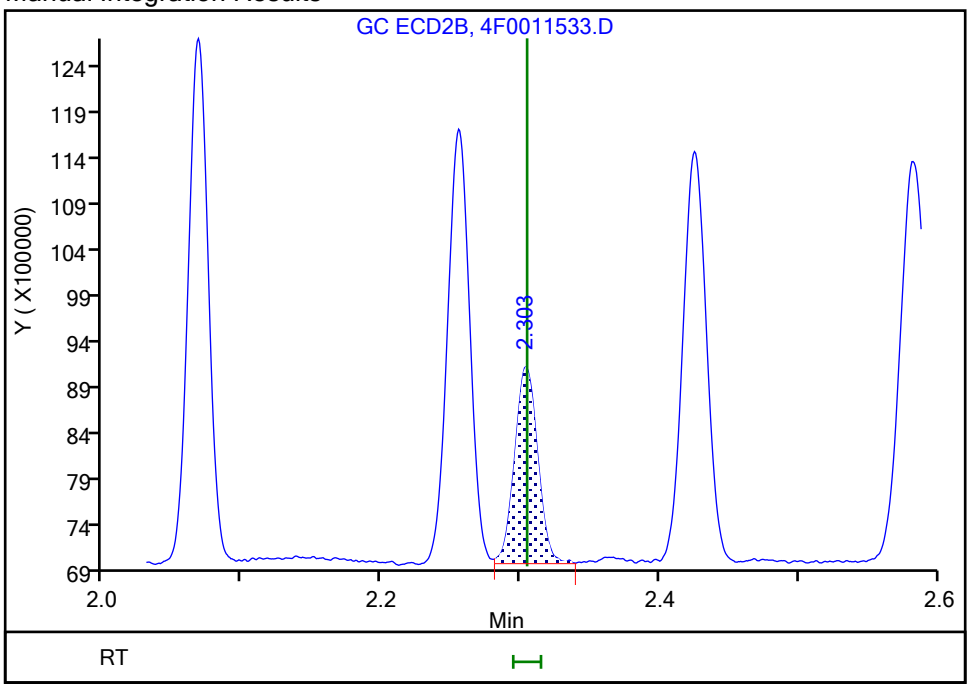
Processing Integration Results

RT: 2.30
Area: 2780212
Amount: 2.798757
Amount Units: ug/l




Manual Integration Results

RT: 2.30
Area: 2437396
Amount: 2.732086
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

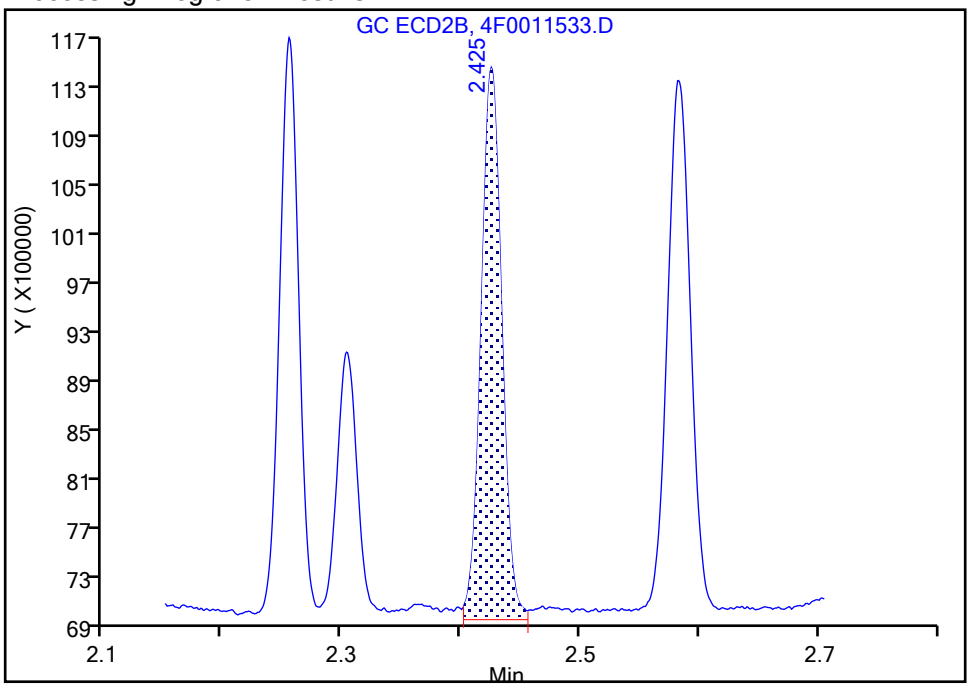
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8

Signal: 2

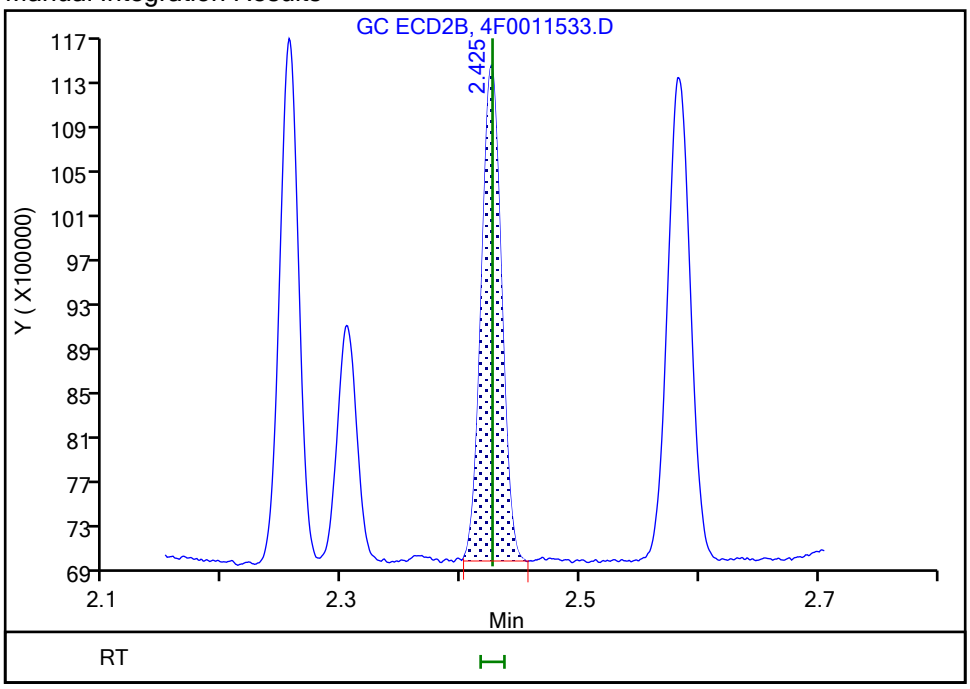
Processing Integration Results

RT: 2.43
Area: 5493480
Amount: 2.560865
Amount Units: ug/l




Manual Integration Results

RT: 2.43
Area: 5275189
Amount: 2.509859
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

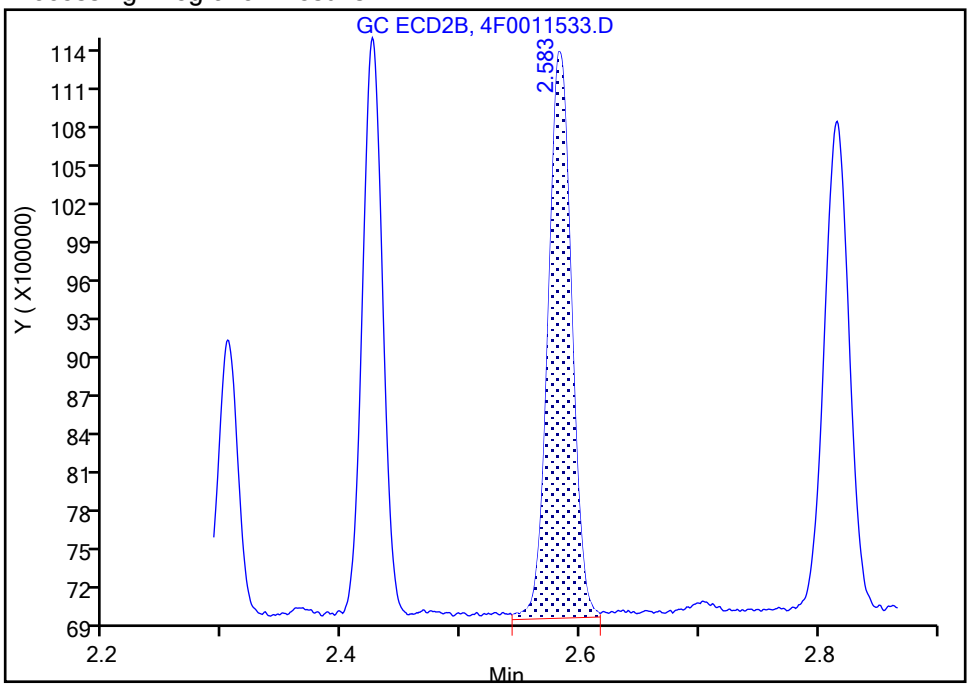
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 18 Heptachlor, CAS: 76-44-8

Signal: 2

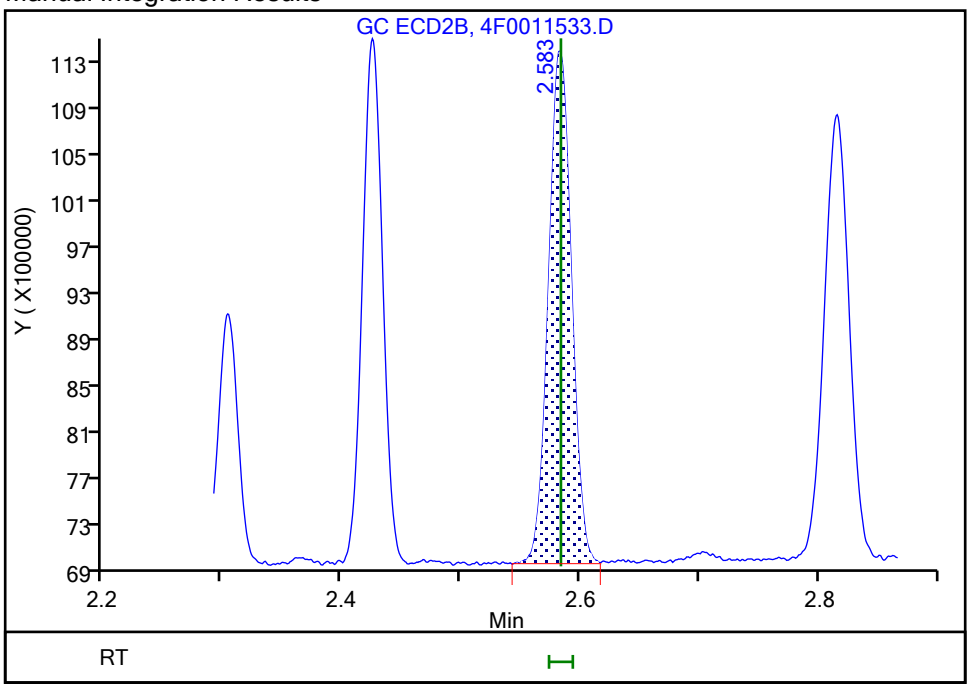
Processing Integration Results

RT: 2.58
Area: 6016982
Amount: 2.636914
Amount Units: ug/l




Manual Integration Results

RT: 2.58
Area: 5838386
Amount: 2.669642
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:38 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

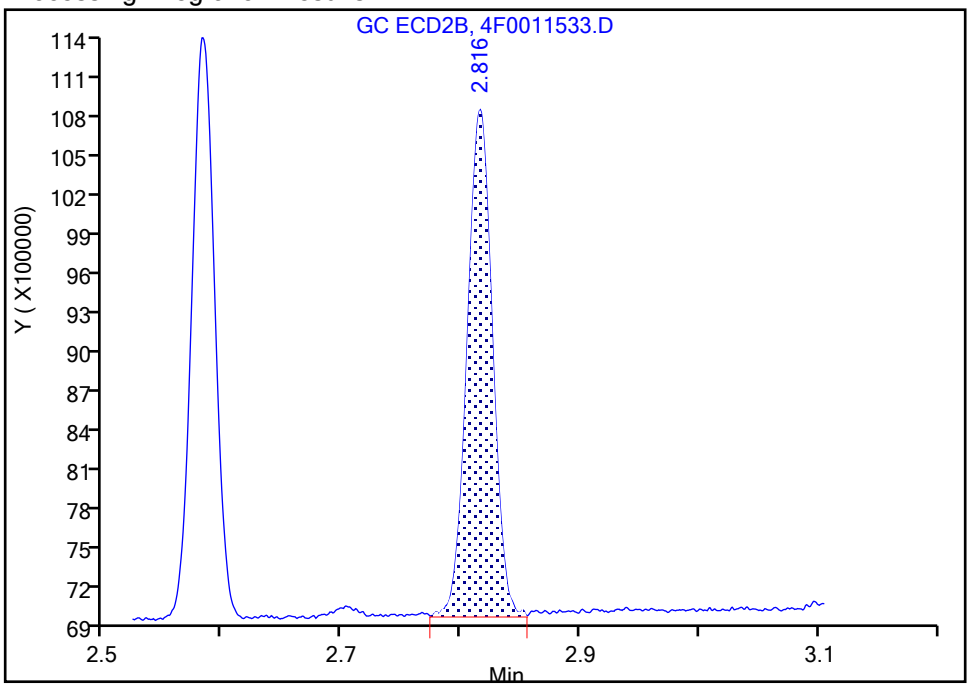
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 8 Aldrin, CAS: 309-00-2

Signal: 2

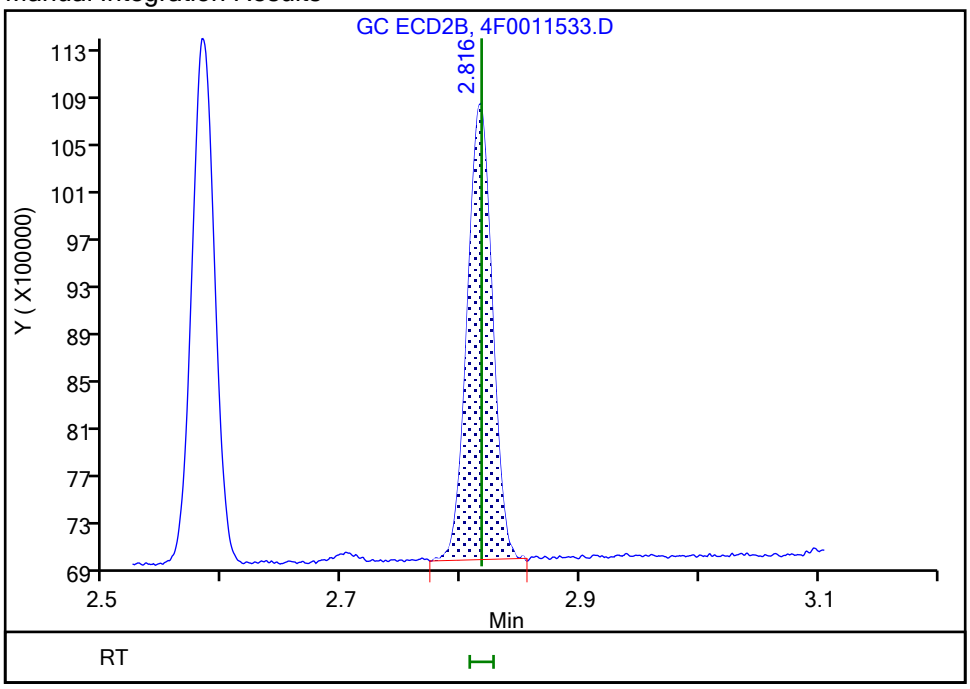
Processing Integration Results

RT: 2.82
Area: 5599170
Amount: 2.530617
Amount Units: ug/l




Manual Integration Results

RT: 2.82
Area: 5520959
Amount: 2.530701
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:39 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

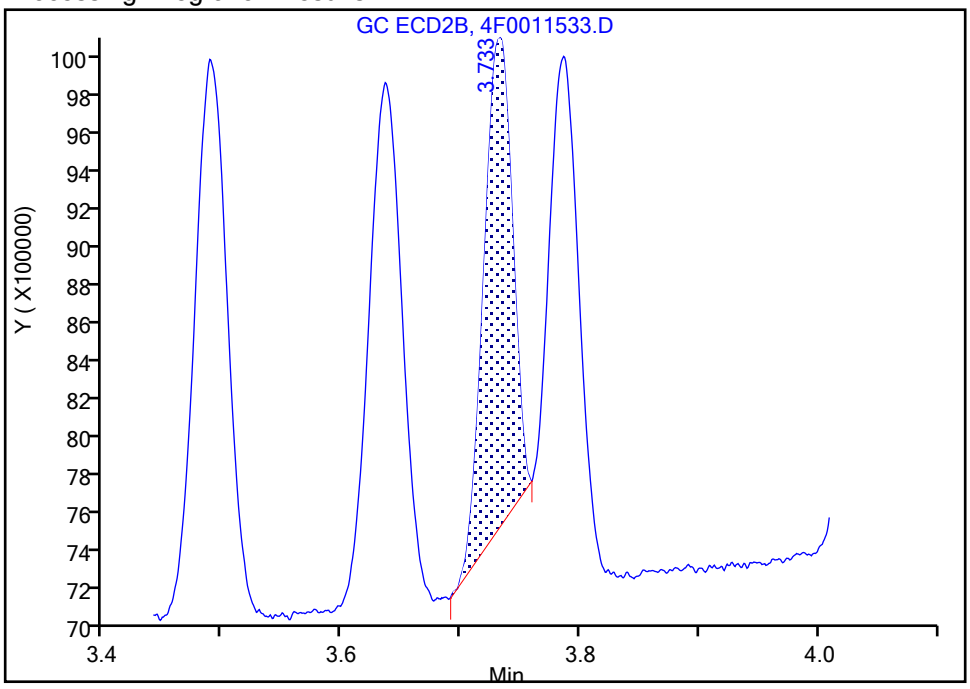
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

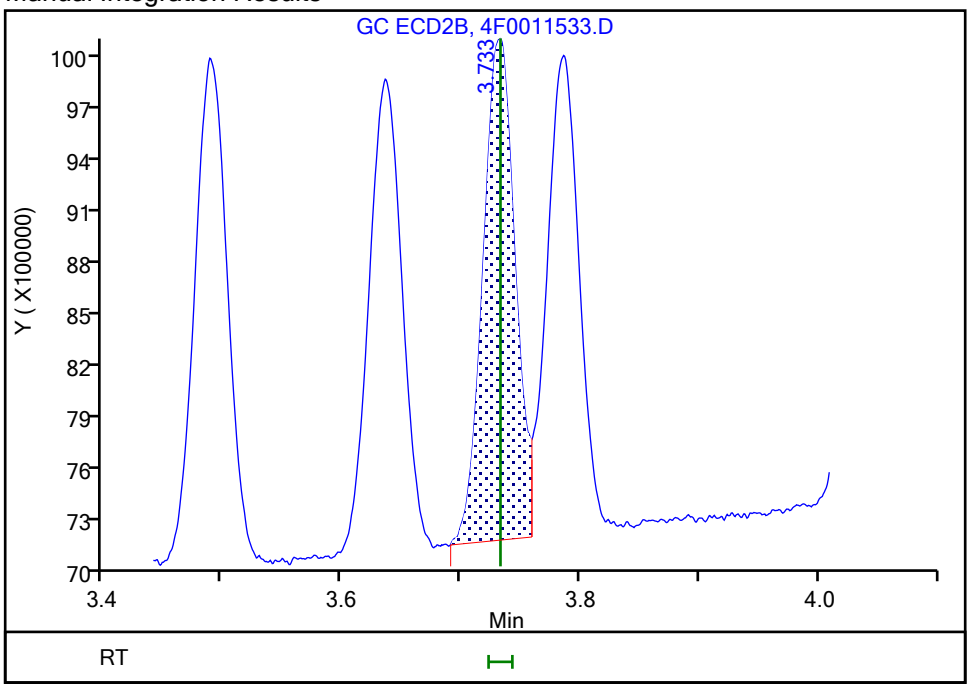
Processing Integration Results

RT: 3.73
Area: 4199575
Amount: 2.244352
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 5315960
Amount: 2.581718
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:51:59 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

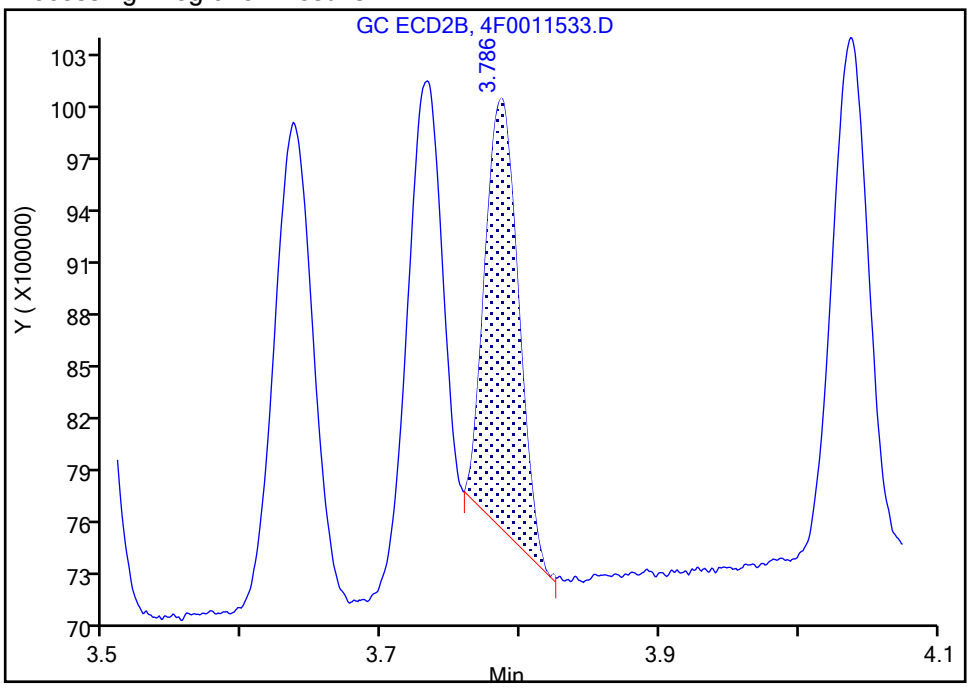
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

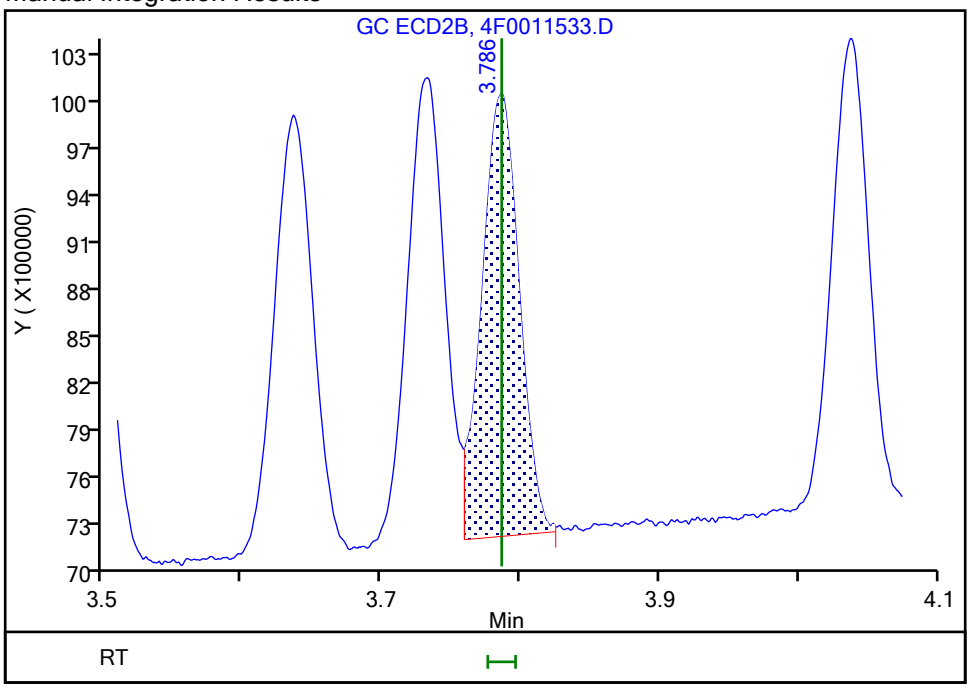
Processing Integration Results

RT: 3.79
Area: 3941348
Amount: 2.293239
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 5021205
Amount: 2.694595
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:51:59 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

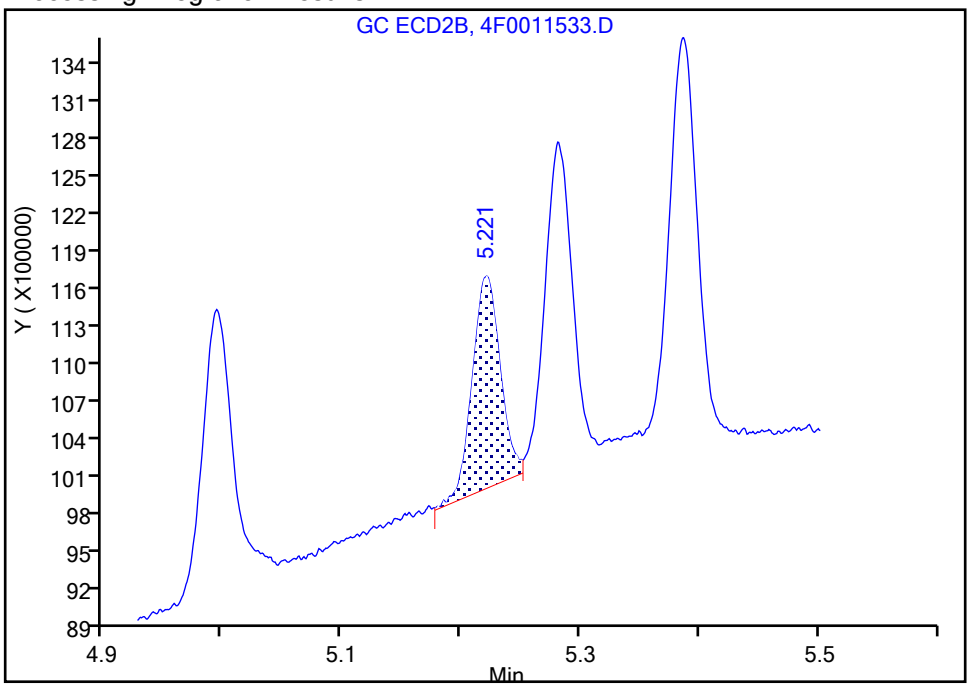
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

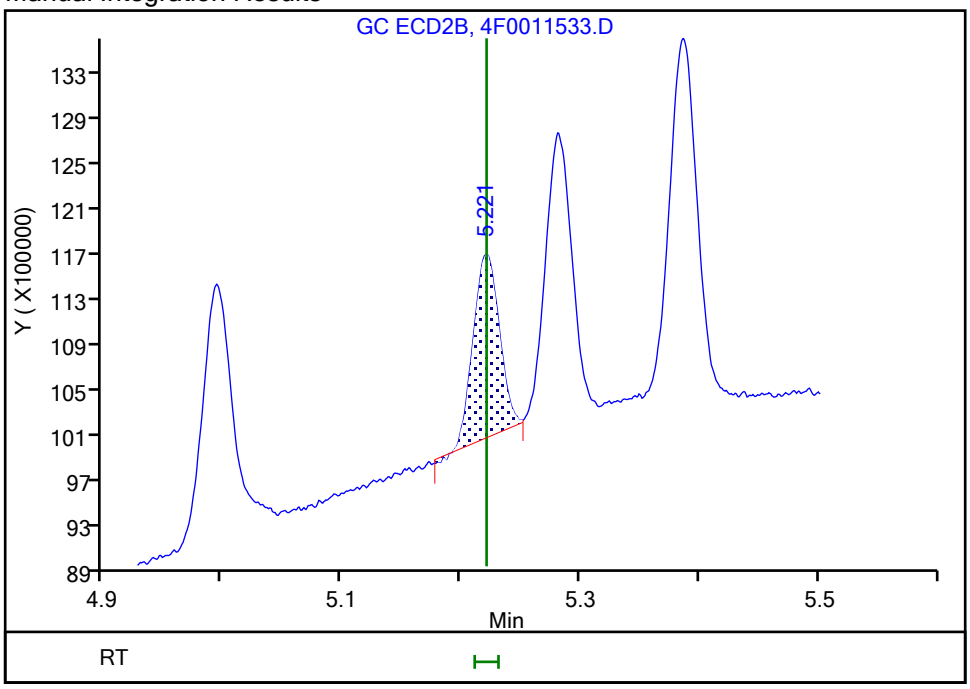
Processing Integration Results

RT: 5.22
Area: 2736126
Amount: 2.690441
Amount Units: ug/l




Manual Integration Results

RT: 5.22
Area: 2445466
Amount: 2.562930
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

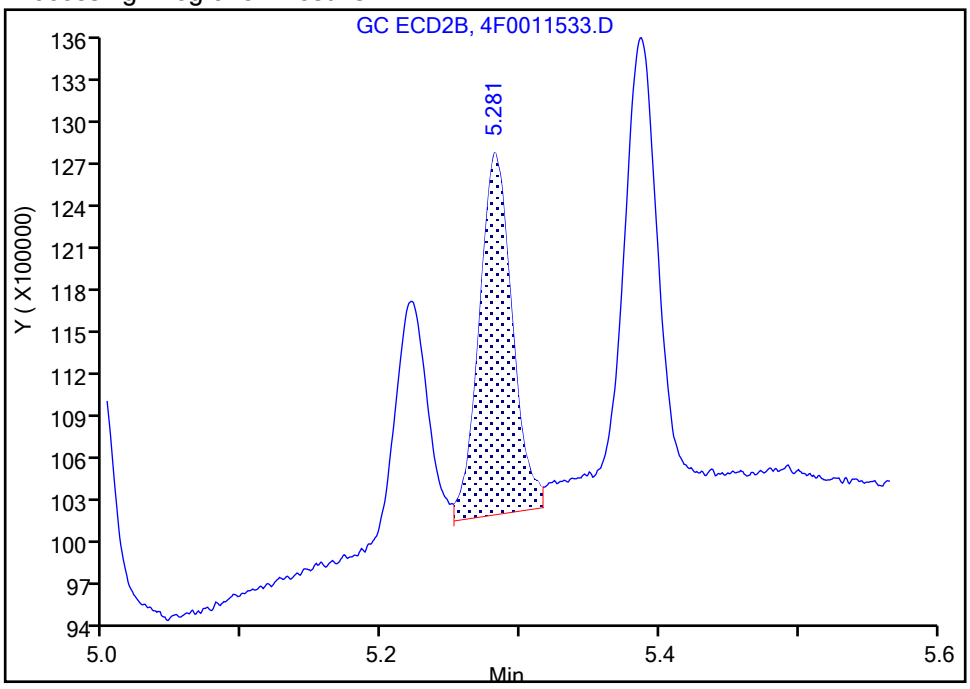
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

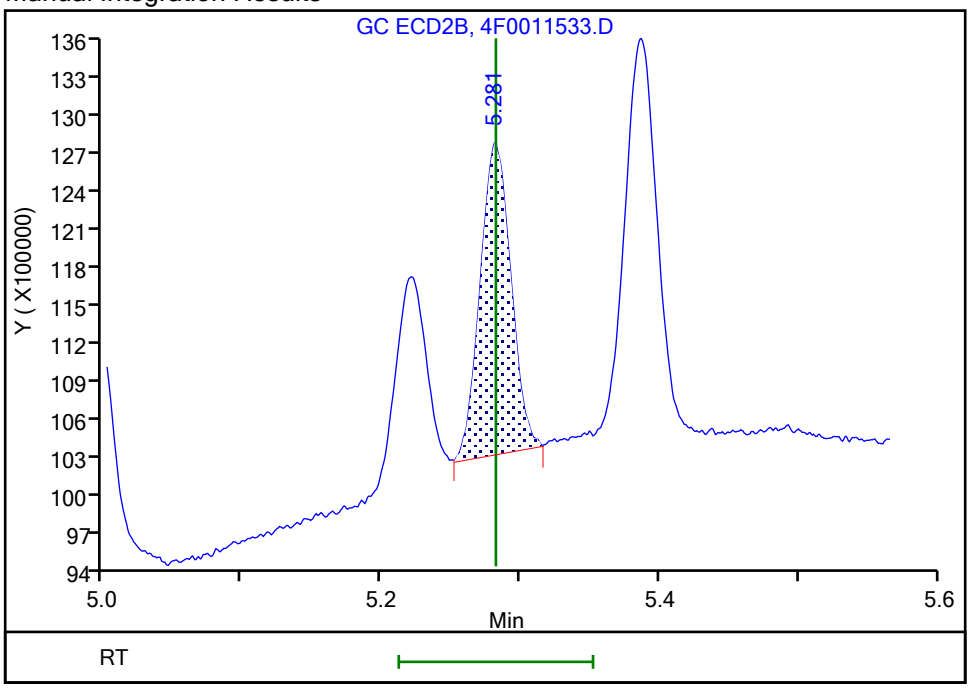
Processing Integration Results

RT: 5.28
Area: 4224426
Amount: 2.742793
Amount Units: ug/l




Manual Integration Results

RT: 5.28
Area: 3803650
Amount: 2.711405
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:20 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

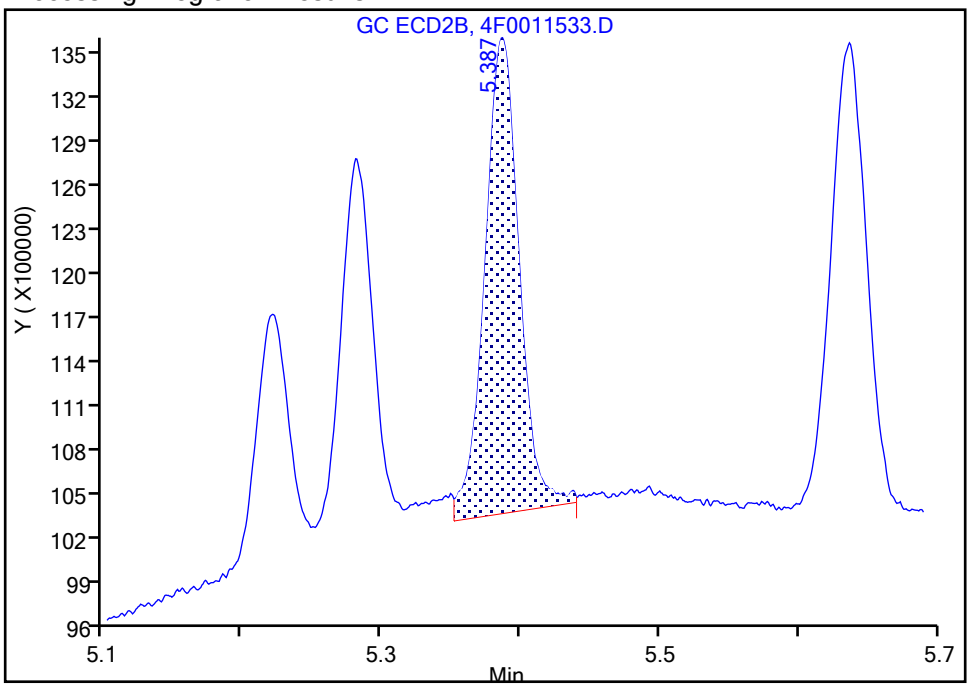
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011533.D
Injection Date: 27-Nov-2024 08:32:31 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

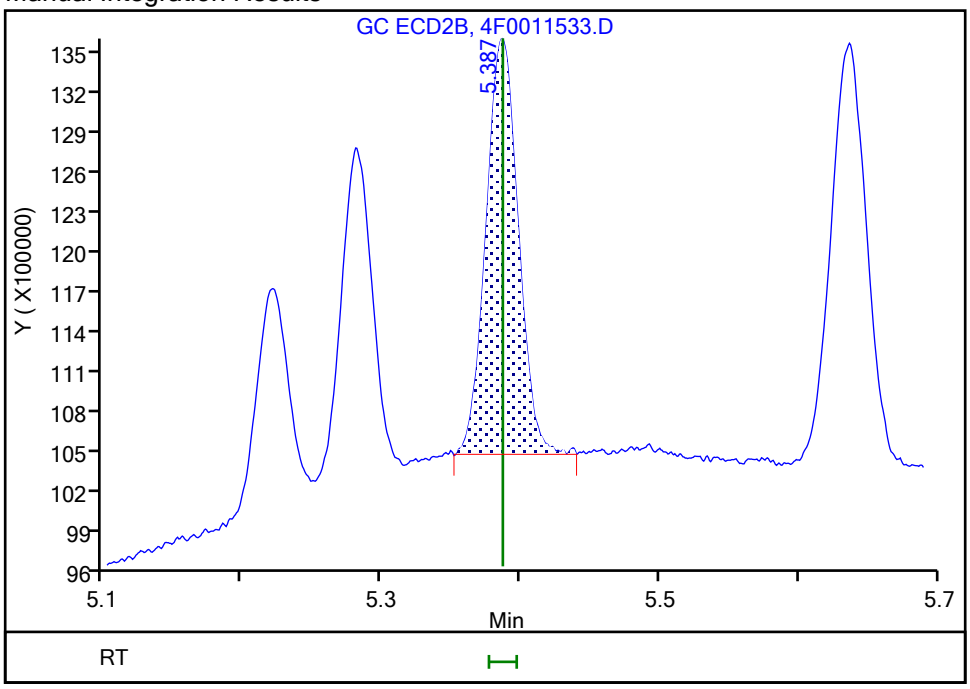
Processing Integration Results

RT: 5.39
Area: 5592512
Amount: 2.746268
Amount Units: ug/l




Manual Integration Results

RT: 5.39
Area: 5057882
Amount: 2.704870
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 08:52:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Nov-2024 08:48:22 ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:31 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:04:01

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 59857393 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 141404006 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 32848456 | 50.0 | 49.8 | |
| 2 | 1.768 | 1.769 | -0.001 | 81351599 | 50.0 | 49.7 | |
| | | | | | | RPD = 0.29 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 50716335 | 50.0 | 52.6 | |
| 2 | 2.068 | 2.069 | -0.001 | 123724146 | 50.0 | 52.4 | |
| | | | | | | RPD = 0.33 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.665 | 2.664 | 0.001 | 46639757 | 50.0 | 52.8 | |
| 2 | 2.255 | 2.256 | -0.001 | 112516467 | 50.0 | 52.5 | |
| | | | | | | RPD = 0.50 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.721 | 2.721 | 0.000 | 20410255 | 50.0 | 52.3 | |
| 2 | 2.304 | 2.304 | 0.000 | 48347089 | 50.0 | 52.6 | |
| | | | | | | RPD = 0.51 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.009 | 3.008 | 0.001 | 46824470 | 50.0 | 52.4 | M |
| 2 | 2.426 | 2.426 | 0.000 | 113387644 | 50.0 | 52.3 | |
| | | | | | | RPD = 0.04 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.084 | 3.084 | 0.000 | 48432553 | 50.0 | 51.9 | M |
| 2 | 2.584 | 2.584 | 0.000 | 116538682 | 50.0 | 51.7 | |
| | | | | | | RPD = 0.43 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.445 | 3.444 | 0.001 | 48657648 | 50.0 | 52.3 | |
| 2 | 2.816 | 2.817 | -0.001 | 117191795 | 50.0 | 52.1 | |
| | | | | | | RPD = 0.28 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.122 | 4.121 | 0.001 | 42557184 | 50.0 | 52.3 | |
| 2 | 3.360 | 3.360 | 0.000 | 105144788 | 50.0 | 51.8 | |
| | | | | | | RPD = 1.03 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.342 | 4.343 | -0.001 | 42788072 | 50.0 | 51.5 | |
| 2 | 3.491 | 3.490 | 0.001 | 107217272 | 50.0 | 51.2 | |
| | | | | | | RPD = 0.57 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 41326577 | 50.0 | 51.9 | M |
| 2 | 3.637 | 3.638 | -0.001 | 104023446 | 50.0 | 51.6 | |
| | | | | | | RPD = 0.65 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.609 | 4.609 | 0.000 | 39572312 | 50.0 | 52.2 | M |
| 2 | 3.786 | 3.786 | 0.000 | 98907752 | 50.0 | 51.5 | M |
| | | | | | | RPD = 1.39 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 42899468 | 50.0 | 52.2 | |
| 2 | 3.733 | 3.733 | 0.000 | 108775206 | 50.0 | 51.2 | M |
| | | | | | | RPD = 1.81 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 45226286 | 50.0 | 53.1 | |
| 2 | 4.038 | 4.039 | -0.001 | 112700075 | 50.0 | 52.2 | |
| | | | | | | RPD = 1.78 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.225 | 5.224 | 0.001 | 40727808 | 50.0 | 52.4 | M |
| 2 | 4.284 | 4.284 | 0.000 | 101016640 | 50.0 | 51.6 | |
| | | | | | | RPD = 1.56 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.345 | 5.344 | 0.001 | 38085989 | 50.0 | 52.3 | M |
| 2 | 4.384 | 4.385 | -0.001 | 91028601 | 50.0 | 51.4 | |
| | | | | | | RPD = 1.85 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 38510848 | 50.0 | 54.3 | M |
| 2 | 4.546 | 4.547 | -0.001 | 89910535 | 50.0 | 52.8 | |
| | | | | | | RPD = 2.64 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.670 | 5.669 | 0.001 | 38958826 | 50.0 | 52.8 | M |
| 2 | 4.720 | 4.722 | -0.002 | 91084024 | 50.0 | 50.9 | |
| | | | | | | RPD = 3.57 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.793 | 5.793 | 0.000 | 29982702 | 50.0 | 53.1 | M |
| 2 | 4.995 | 4.994 | 0.001 | 74270630 | 50.0 | 51.5 | M |
| | | | | | | RPD = 3.07 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.144 | 6.144 | 0.000 | 40550553 | 50.0 | 53.1 | |
| 2 | 5.387 | 5.387 | 0.000 | 100086599 | 50.0 | 51.9 | M |
| | | | | | | RPD = 2.23 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.730 | 6.729 | 0.001 | 22407168 | 50.0 | 53.8 | |
| 2 | 5.221 | 5.221 | 0.000 | 51497417 | 50.0 | 52.4 | M |
| | | | | | | RPD = 2.64 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.880 | 6.879 | 0.001 | 33020677 | 50.0 | 53.0 | M |
| 2 | 5.282 | 5.282 | 0.000 | 73987037 | 50.0 | 51.2 | M |
| | | | | | | RPD = 3.54 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.985 | 6.984 | 0.001 | 47352494 | 50.0 | 53.9 | M |
| 2 | 5.637 | 5.637 | 0.000 | 111930302 | 50.0 | 51.9 | M |
| | | | | | | RPD = 3.72 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.220 | 8.219 | 0.001 | 35514375 | 50.0 | 51.5 | |
| 2 | 7.150 | 7.149 | 0.001 | 102994516 | 50.0 | 50.8 | |
| | | | | | | RPD = 1.39 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 106.5 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

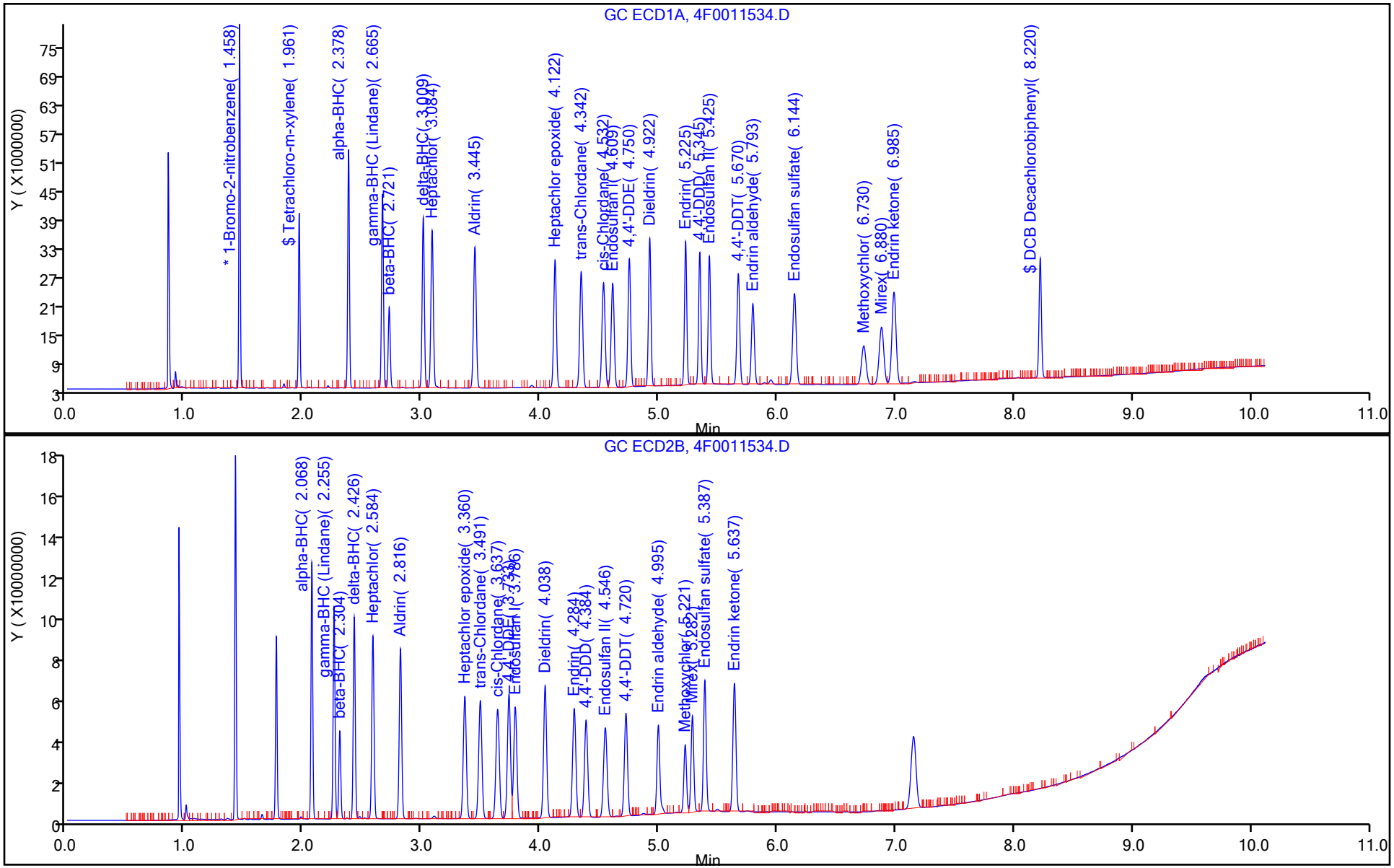
| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:32 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 08:48:22 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

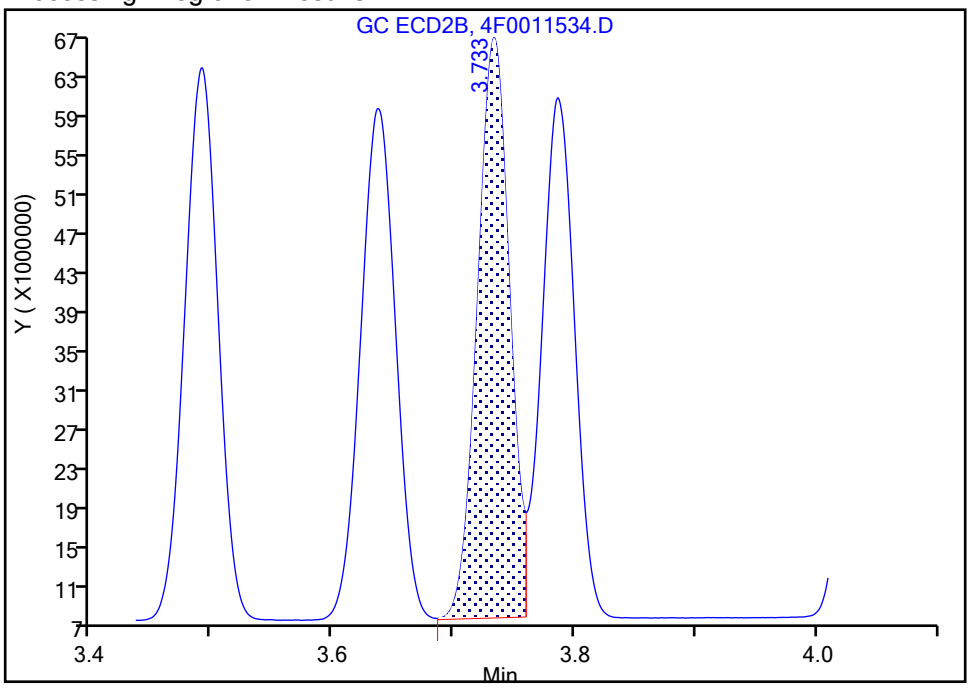
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

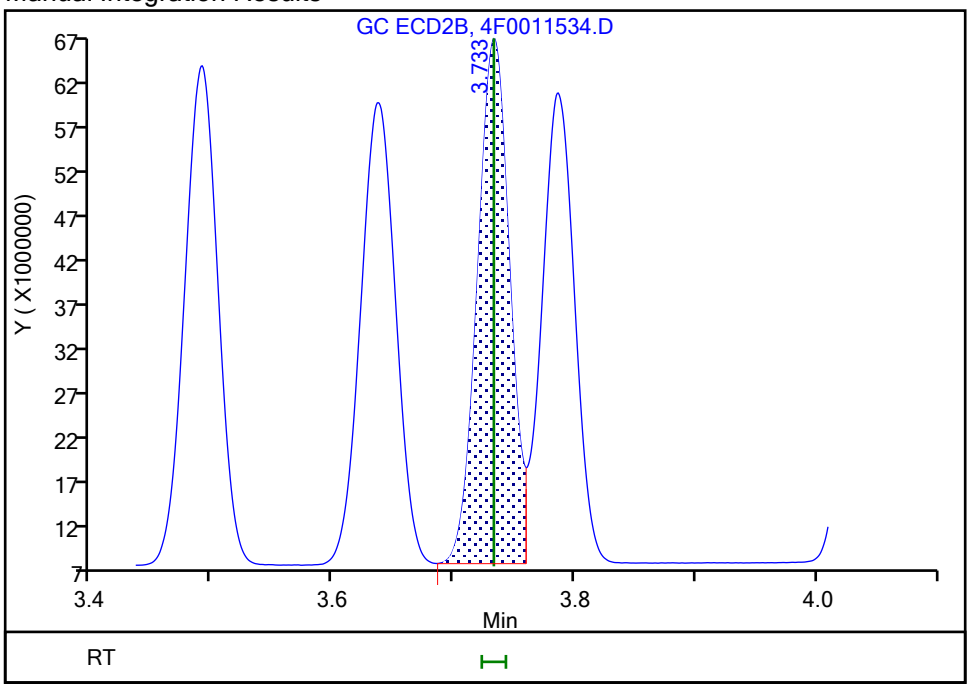
Processing Integration Results

RT: 3.73
Area: 108401232
Amount: 50.139699
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 108775206
Amount: 51.248590
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

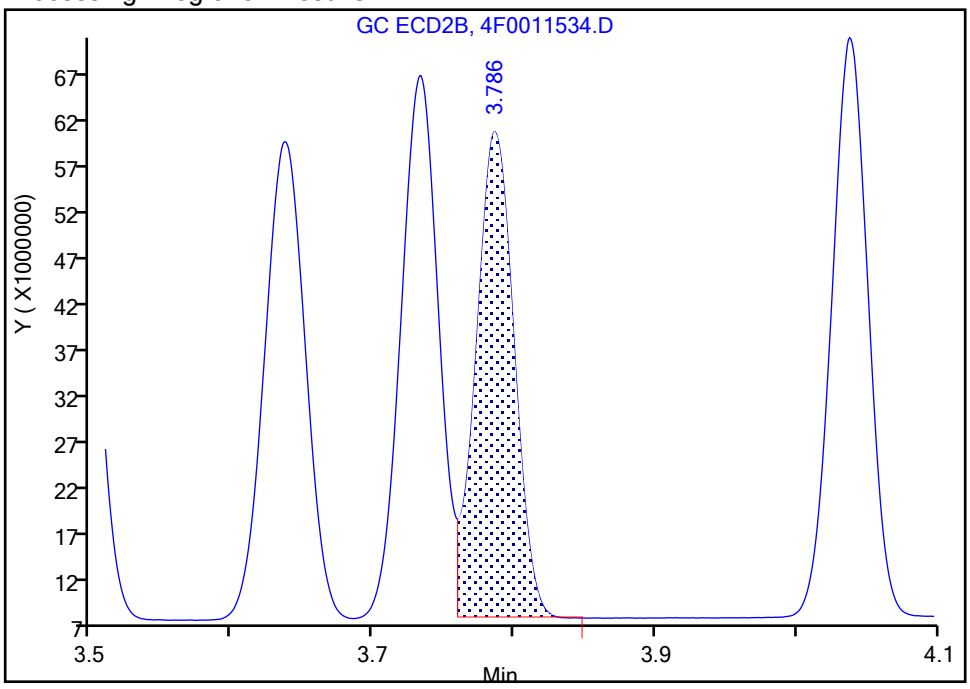
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

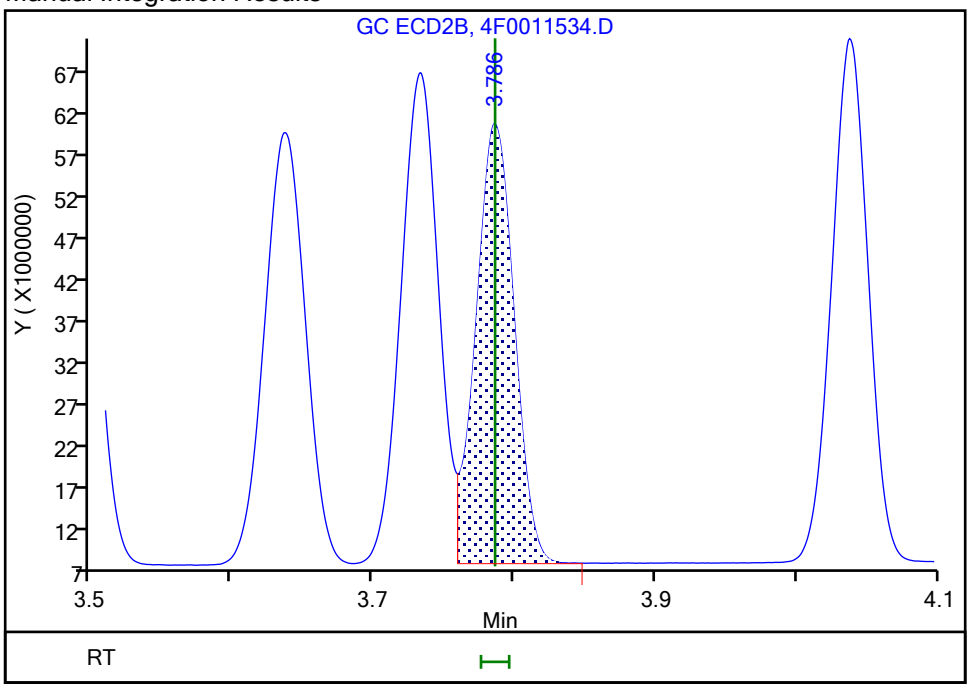
Processing Integration Results

RT: 3.79
Area: 98423249
Amount: 49.567253
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 98907752
Amount: 51.492137
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

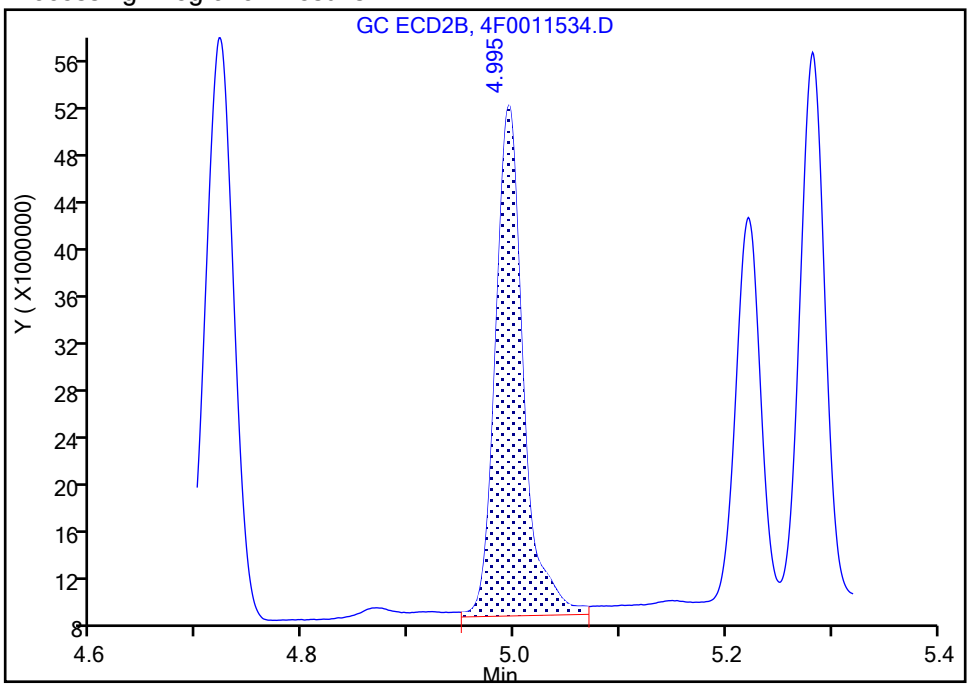
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

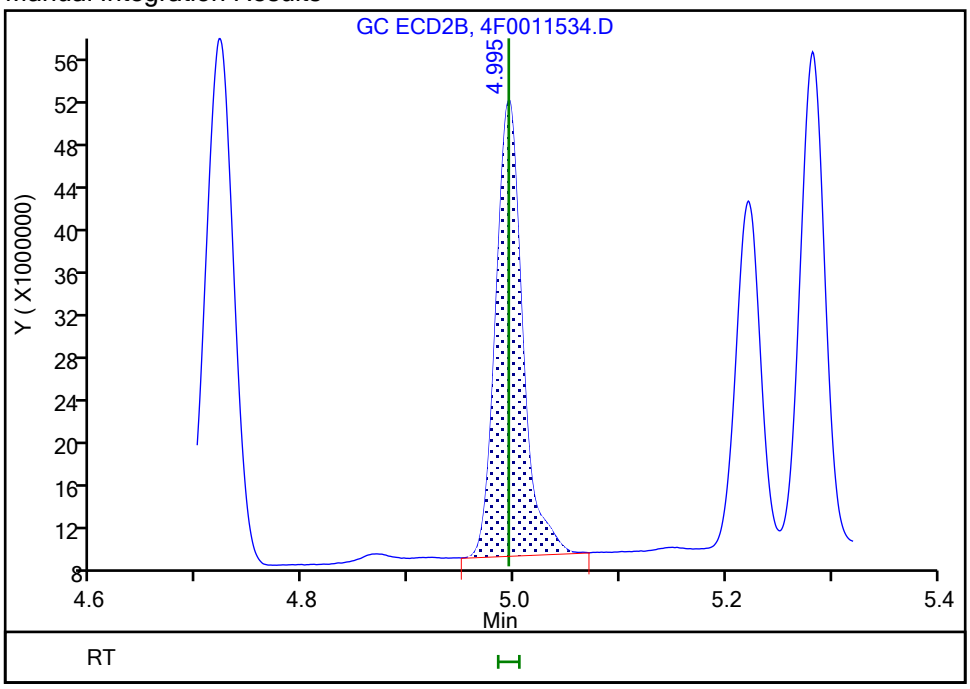
Processing Integration Results

RT: 4.99
Area: 77622598
Amount: 51.322535
Amount Units: ug/l




Manual Integration Results

RT: 4.99
Area: 74270630
Amount: 51.473967
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:30 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

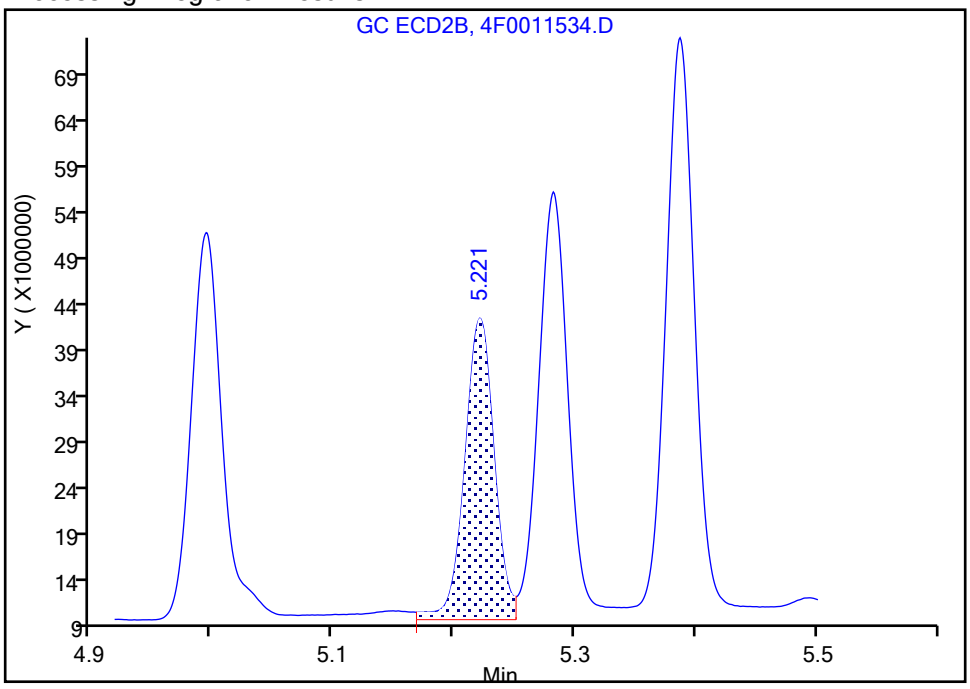
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

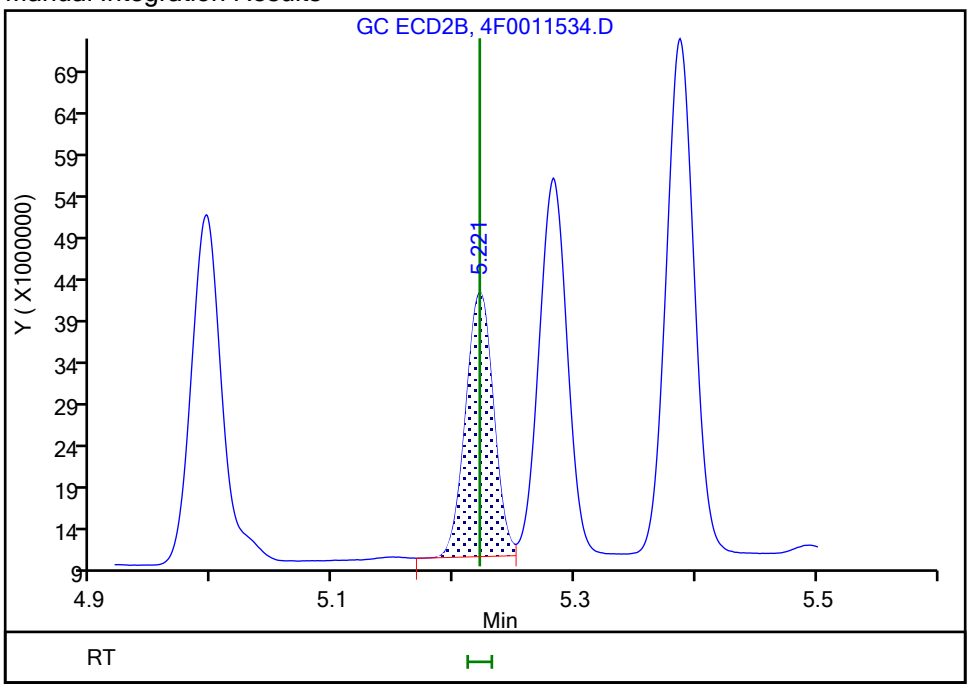
Processing Integration Results

RT: 5.22
Area: 55935491
Amount: 54.210255
Amount Units: ug/l




Manual Integration Results

RT: 5.22
Area: 51497417
Amount: 52.358304
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison

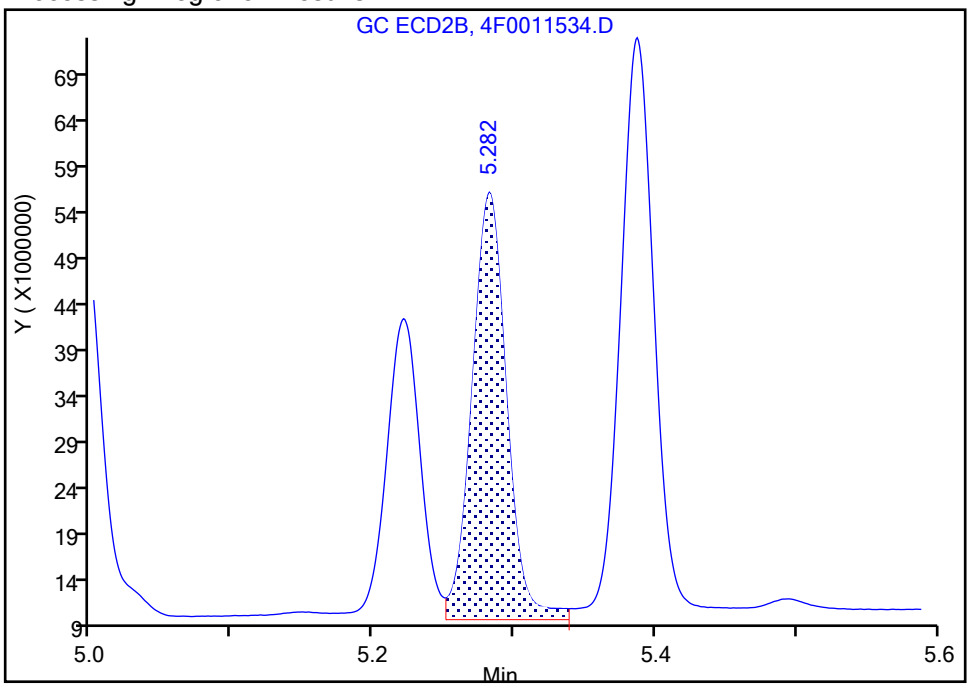
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

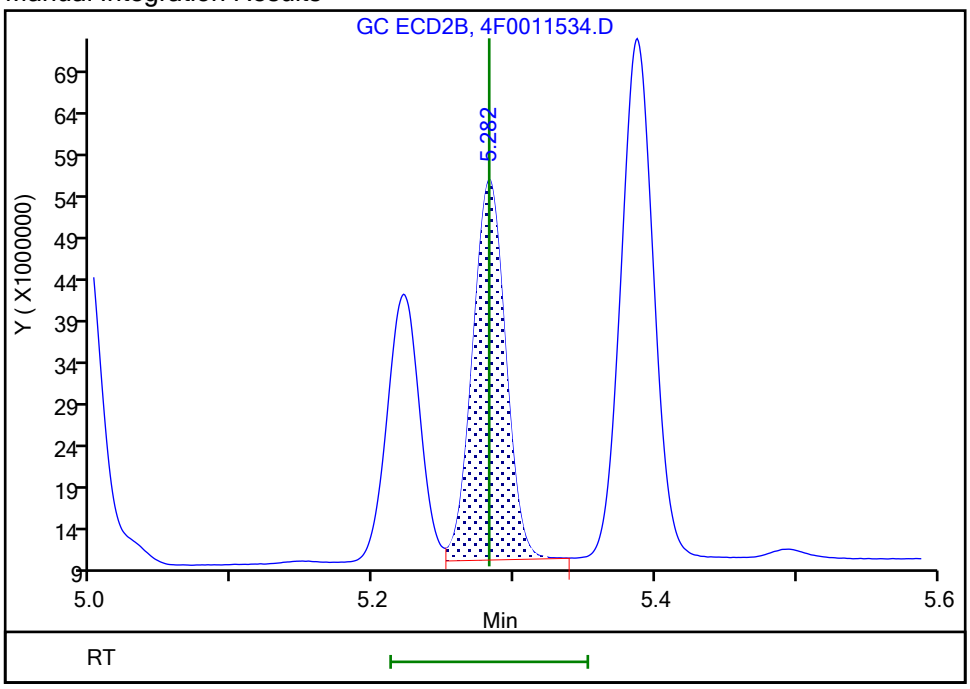
Processing Integration Results

RT: 5.28
Area: 79318527
Amount: 51.863197
Amount Units: ug/l




Manual Integration Results

RT: 5.28
Area: 73987037
Amount: 51.165171
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

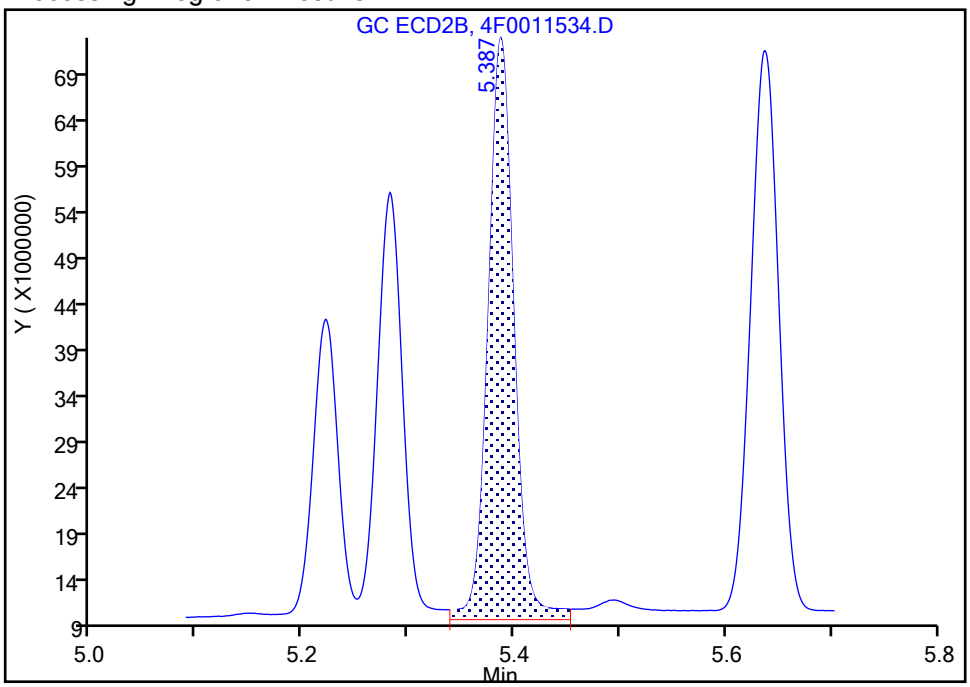
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

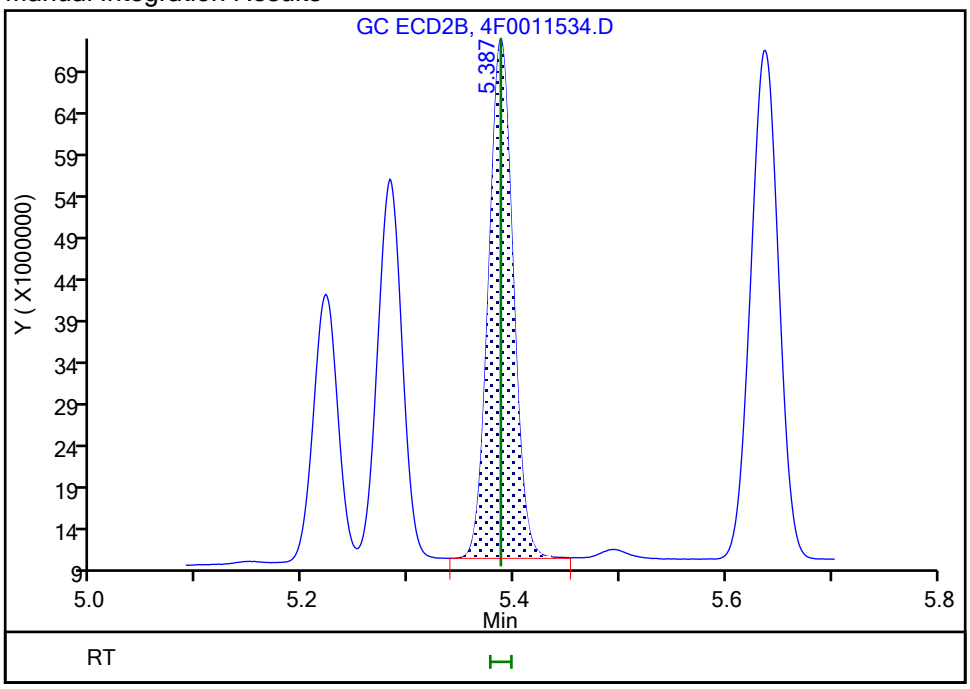
Processing Integration Results

RT: 5.39
Area: 107157310
Amount: 52.519812
Amount Units: ug/l




Manual Integration Results

RT: 5.39
Area: 100086599
Amount: 51.925253
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

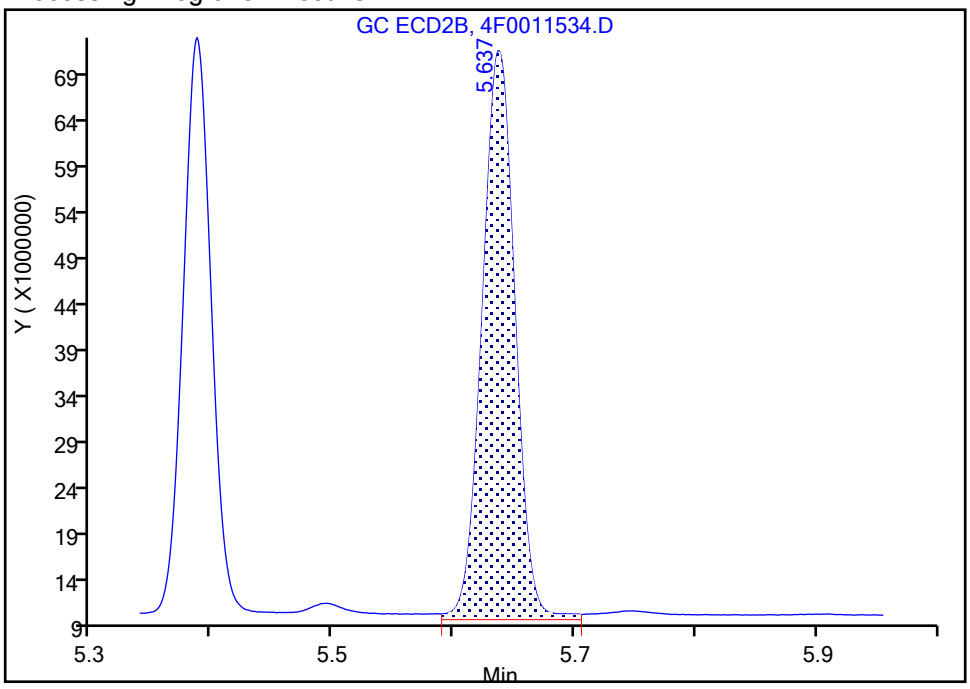
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011534.D
Injection Date: 27-Nov-2024 08:48:22 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 2

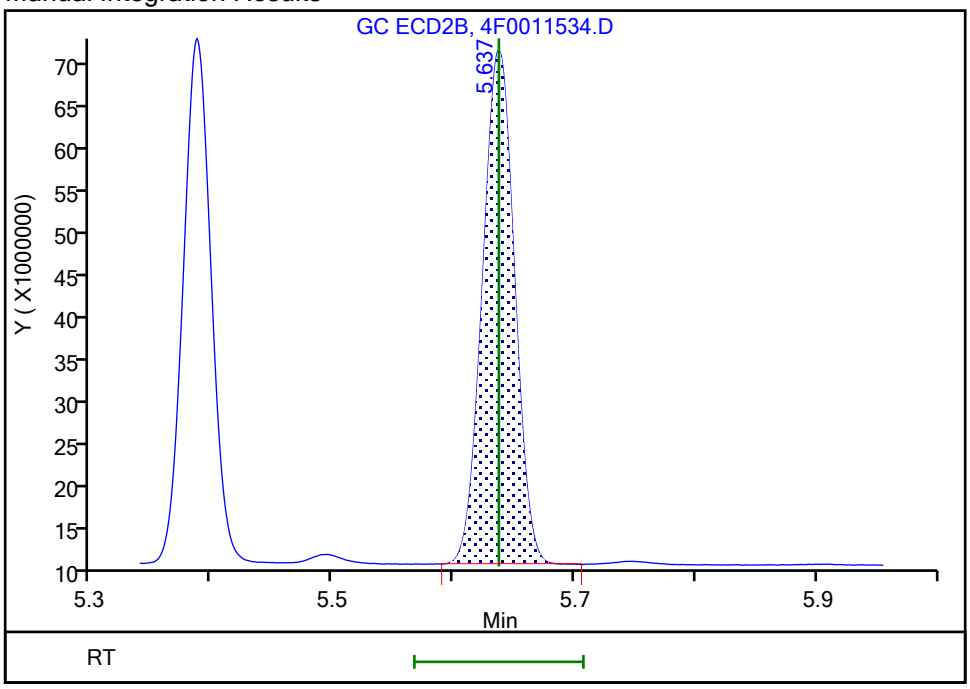
Processing Integration Results

RT: 5.64
Area: 115969388
Amount: 51.228391
Amount Units: ug/l




Manual Integration Results

RT: 5.64
Area: 111930302
Amount: 51.911530
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:03:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Nov-2024 09:04:12 ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:37 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:21:10

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 60233209 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 140147347 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 101704539 | 150.0 | 153.3 | |
| 2 | 1.769 | 1.769 | 0.000 | 248140315 | 150.0 | 152.9 | |
| | | | | | | RPD = 0.27 | |
| 15 alpha-BHC | | | | | | | M |
| 1 | 2.379 | 2.378 | 0.001 | 248805086 | 250.0 | 256.2 | M |
| 2 | 2.069 | 2.069 | 0.000 | 588505112 | 250.0 | 251.4 | |
| | | | | | | RPD = 1.90 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.666 | 2.664 | 0.002 | 227282268 | 250.0 | 255.5 | M |
| 2 | 2.256 | 2.256 | 0.000 | 532245478 | 250.0 | 250.5 | |
| | | | | | | RPD = 1.95 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 96036897 | 250.0 | 244.6 | M |
| 2 | 2.305 | 2.304 | 0.001 | 222575497 | 250.0 | 244.2 | |
| | | | | | | RPD = 0.15 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.010 | 3.008 | 0.002 | 230669801 | 250.0 | 256.3 | M |
| 2 | 2.426 | 2.426 | 0.000 | 538106772 | 250.0 | 250.6 | |
| | | | | | | RPD = 2.26 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.085 | 3.084 | 0.001 | 234797094 | 250.0 | 250.1 | M |
| 2 | 2.585 | 2.584 | 0.001 | 551092284 | 250.0 | 246.7 | |
| | | | | | | RPD = 1.40 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 238839302 | 250.0 | 254.9 | |
| 2 | 2.817 | 2.817 | 0.000 | 558128188 | 250.0 | 250.4 | |
| | | | | | | RPD = 1.78 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 202958026 | 250.0 | 247.9 | |
| 2 | 3.361 | 3.360 | 0.001 | 494724009 | 250.0 | 245.8 | |
| | | | | | | RPD = 0.86 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.344 | 4.343 | 0.001 | 210430719 | 250.0 | 251.9 | |
| 2 | 3.492 | 3.490 | 0.002 | 511317068 | 250.0 | 246.6 | |
| | | | | | | RPD = 2.12 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.532 | 4.532 | 0.000 | 200196580 | 250.0 | 249.8 | M |
| 2 | 3.638 | 3.638 | 0.000 | 497165910 | 250.0 | 248.6 | M |
| | | | | | | RPD = 0.48 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.610 | 4.609 | 0.001 | 193856585 | 250.0 | 254.2 | M |
| 2 | 3.787 | 3.786 | 0.001 | 472611950 | 250.0 | 248.3 | M |
| | | | | | | RPD = 2.36 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 212457912 | 250.0 | 256.8 | |
| 2 | 3.734 | 3.733 | 0.001 | 530078146 | 250.0 | 252.0 | M |
| | | | | | | RPD = 1.91 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 218491058 | 250.0 | 255.1 | |
| 2 | 4.040 | 4.039 | 0.001 | 542494666 | 250.0 | 253.5 | |
| | | | | | | RPD = 0.63 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.226 | 5.224 | 0.002 | 193115995 | 250.0 | 247.0 | |
| 2 | 4.286 | 4.284 | 0.002 | 493765560 | 250.0 | 254.5 | M |
| | | | | | | RPD = 2.99 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.345 | 5.344 | 0.001 | 182619535 | 250.0 | 249.3 | M |
| 2 | 4.386 | 4.385 | 0.001 | 446586923 | 250.0 | 254.3 | M |
| | | | | | | RPD = 1.96 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.426 | 5.425 | 0.001 | 180147919 | 250.0 | 252.2 | M |
| 2 | 4.548 | 4.547 | 0.001 | 435776990 | 250.0 | 258.4 | |
| | | | | | | RPD = 2.42 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 190761532 | 250.0 | 256.8 | |
| 2 | 4.722 | 4.722 | 0.000 | 457639396 | 250.0 | 258.2 | |
| | | | | | | RPD = 0.53 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 139747958 | 250.0 | 245.8 | |
| 2 | 4.995 | 4.994 | 0.001 | 354294653 | 250.0 | 247.7 | |
| | | | | | | RPD = 0.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.145 | 6.144 | 0.001 | 187881027 | 250.0 | 244.5 | |
| 2 | 5.387 | 5.387 | 0.000 | 477067721 | 250.0 | 249.7 | |
| | | | | | | RPD = 2.12 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.729 | 6.729 | 0.000 | 104979702 | 250.0 | 250.3 | |
| 2 | 5.222 | 5.221 | 0.001 | 249381393 | 250.0 | 255.8 | |
| | | | | | | RPD = 2.18 | |
| 34 Mirex | | | | | | | |
| 1 | 6.879 | 6.879 | 0.000 | 151831555 | 250.0 | 242.2 | |
| 2 | 5.282 | 5.282 | 0.000 | 360498951 | 250.0 | 251.5 | |
| | | | | | | RPD = 3.78 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.984 | 6.984 | 0.000 | 217115416 | 250.0 | 245.5 | |
| 2 | 5.637 | 5.637 | 0.000 | 527700266 | 250.0 | 246.9 | |
| | | | | | | RPD = 0.58 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.218 | 8.219 | -0.001 | 103498891 | 150.0 | 149.1 | |
| 2 | 7.148 | 7.149 | -0.001 | 307045356 | 150.0 | 152.7 | |
| | | | | | | RPD = 2.39 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 506.4 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:38 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D

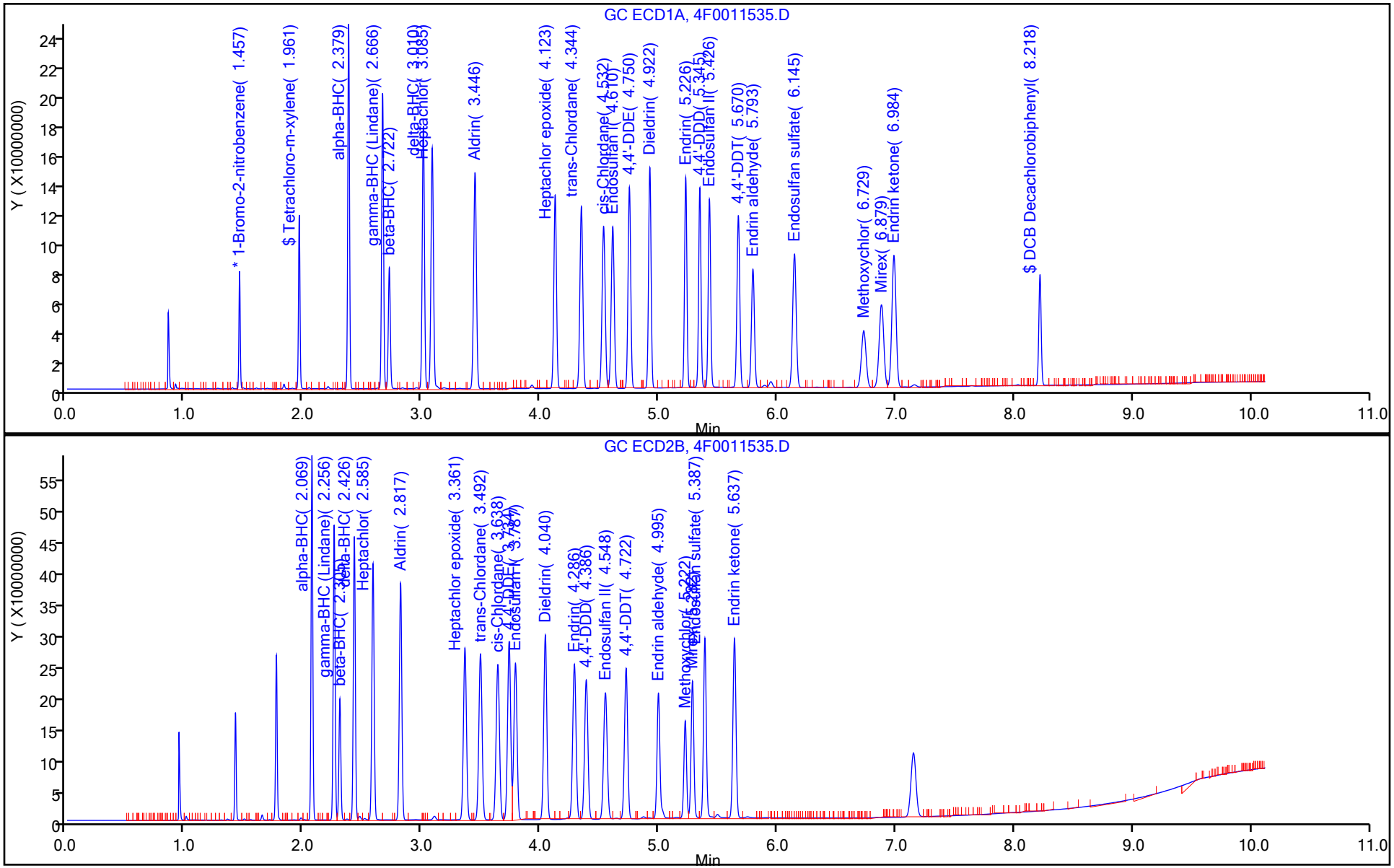
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 22

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Eurofins Edison

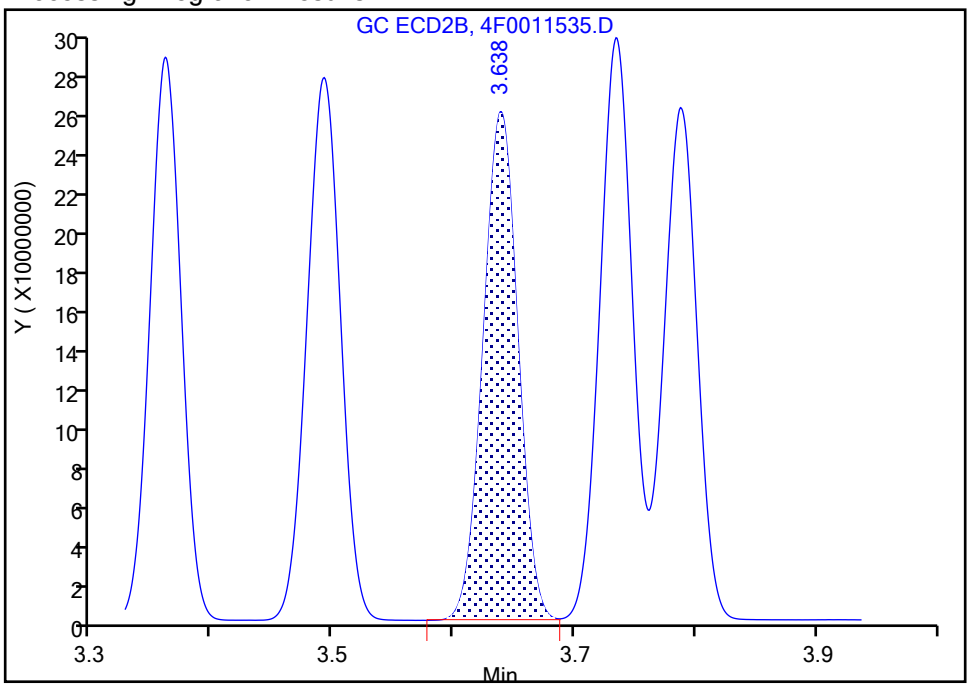
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

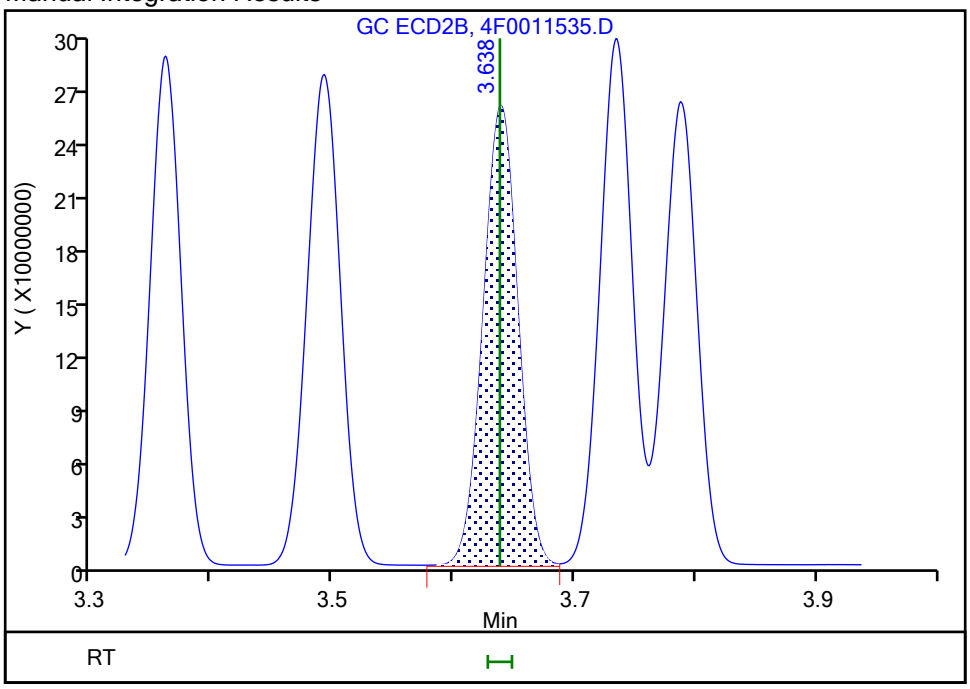
Processing Integration Results

RT: 3.64
Area: 494880182
Amount: 242.9088
Amount Units: ug/l




Manual Integration Results

RT: 3.64
Area: 497165910
Amount: 248.6163
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:21:02 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

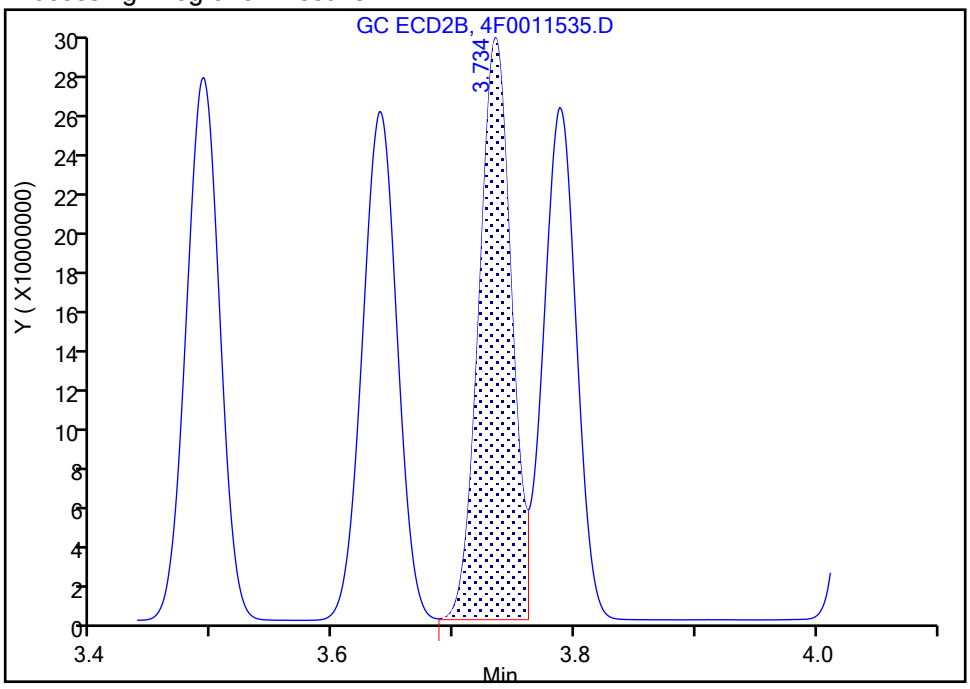
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

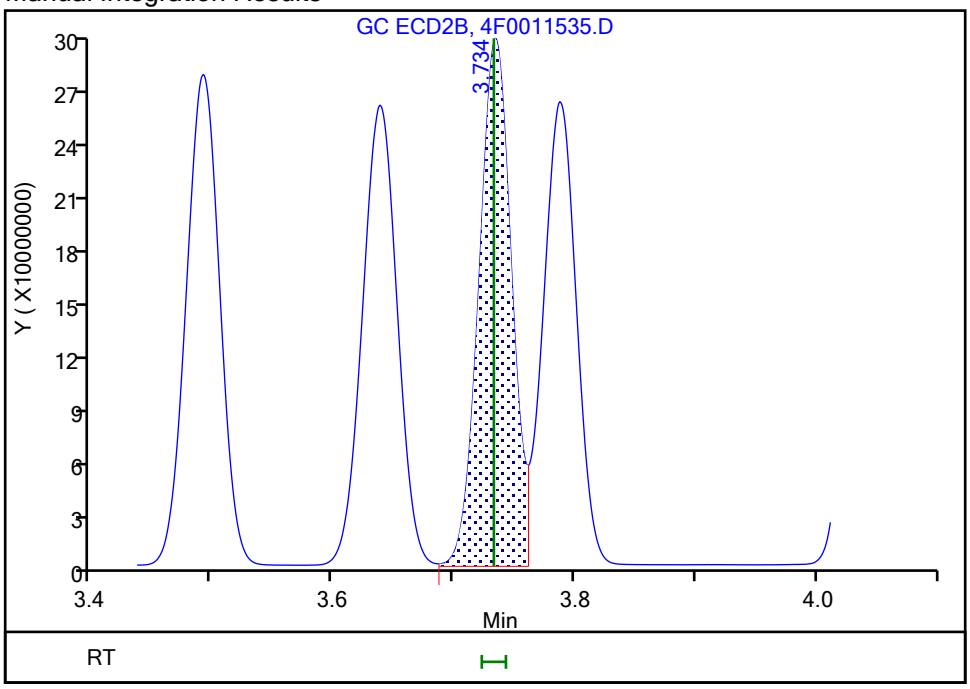
Processing Integration Results

RT: 3.73
Area: 527612733
Amount: 246.9468
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 530078146
Amount: 251.9815
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:21:02 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

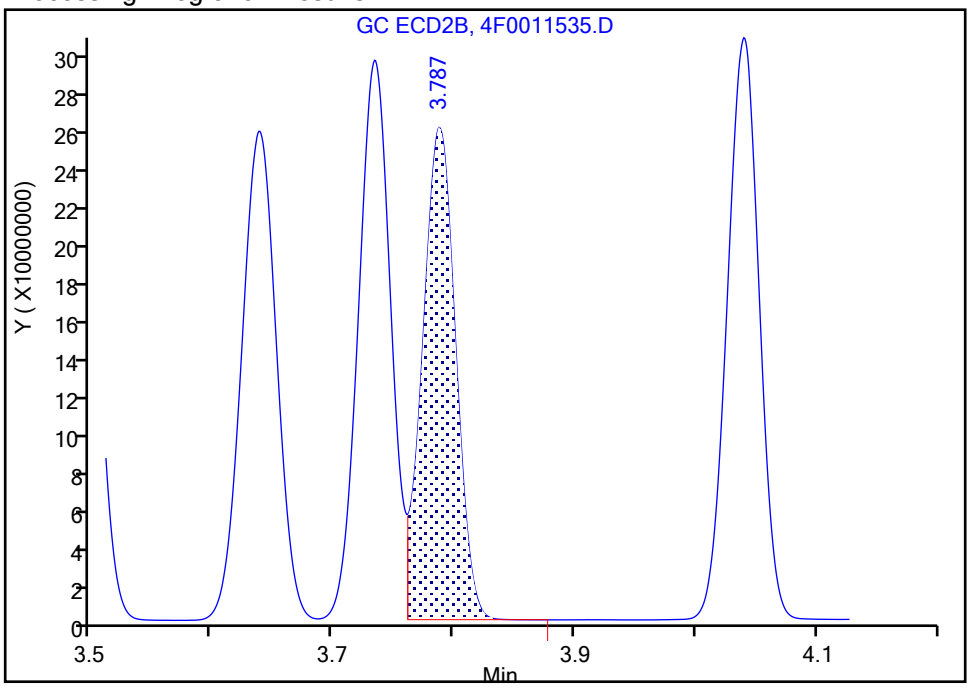
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

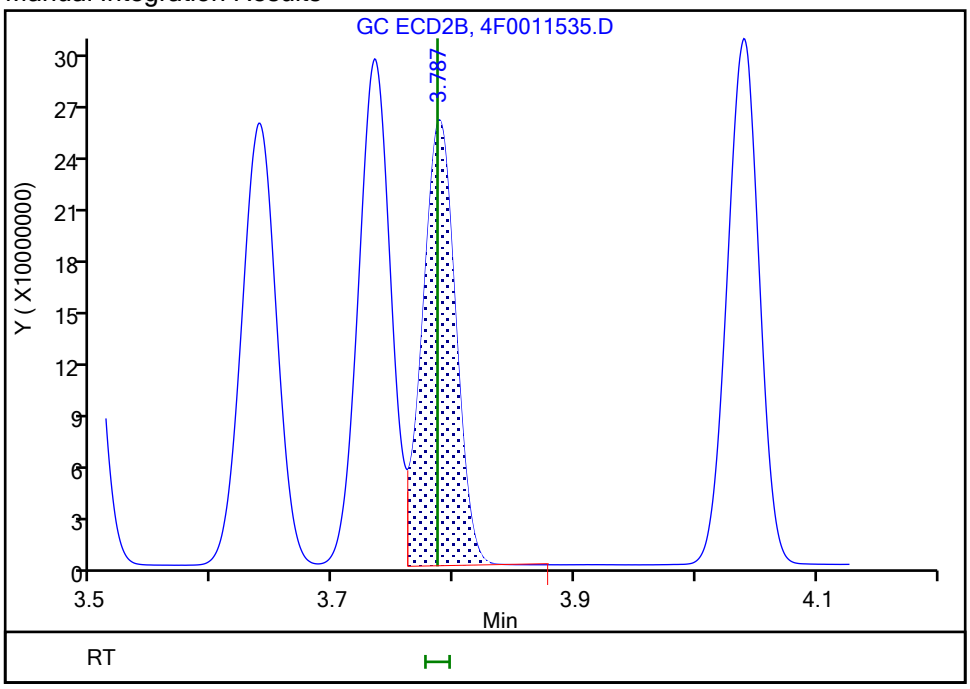
Processing Integration Results

RT: 3.79
Area: 471015052
Amount: 241.6181
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 472611950
Amount: 248.2516
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:21:02 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

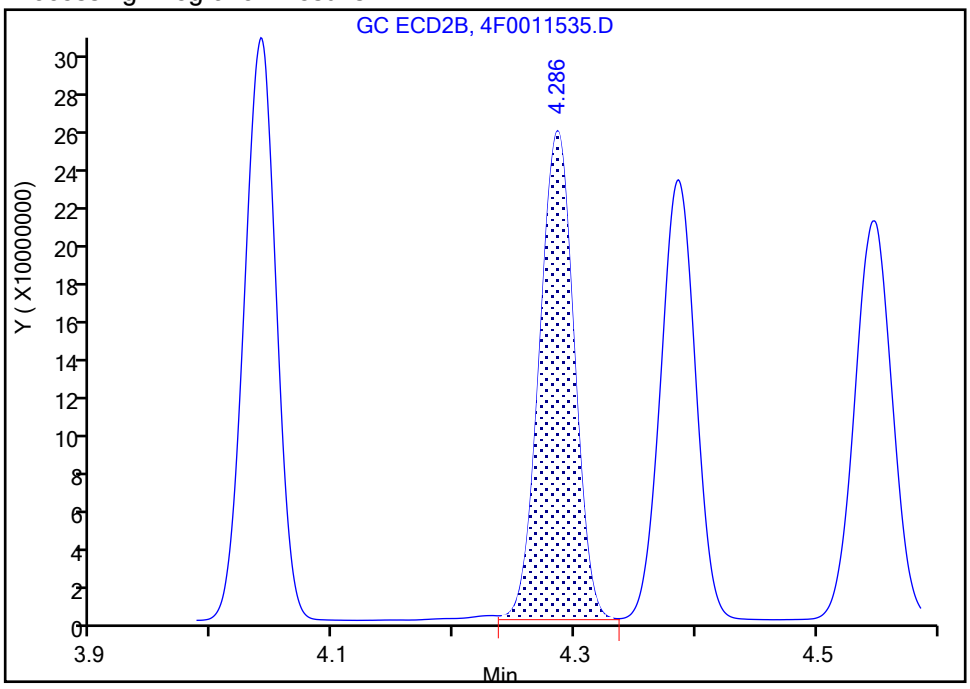
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8

Signal: 2

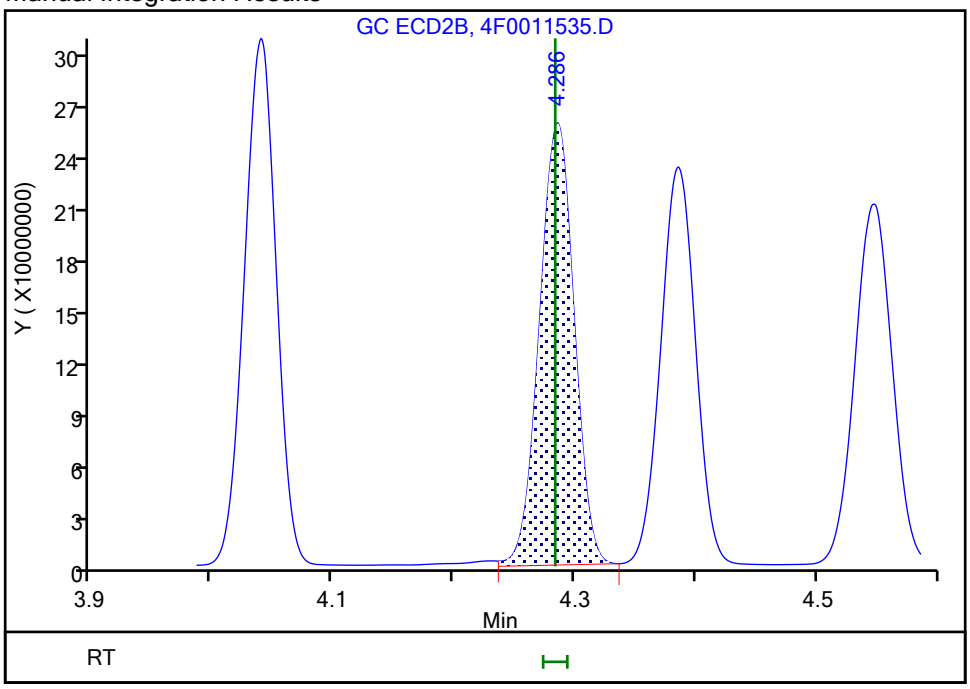
Processing Integration Results

RT: 4.29
Area: 490393194
Amount: 250.1208
Amount Units: ug/l




Manual Integration Results

RT: 4.29
Area: 493765560
Amount: 254.4976
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:21:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

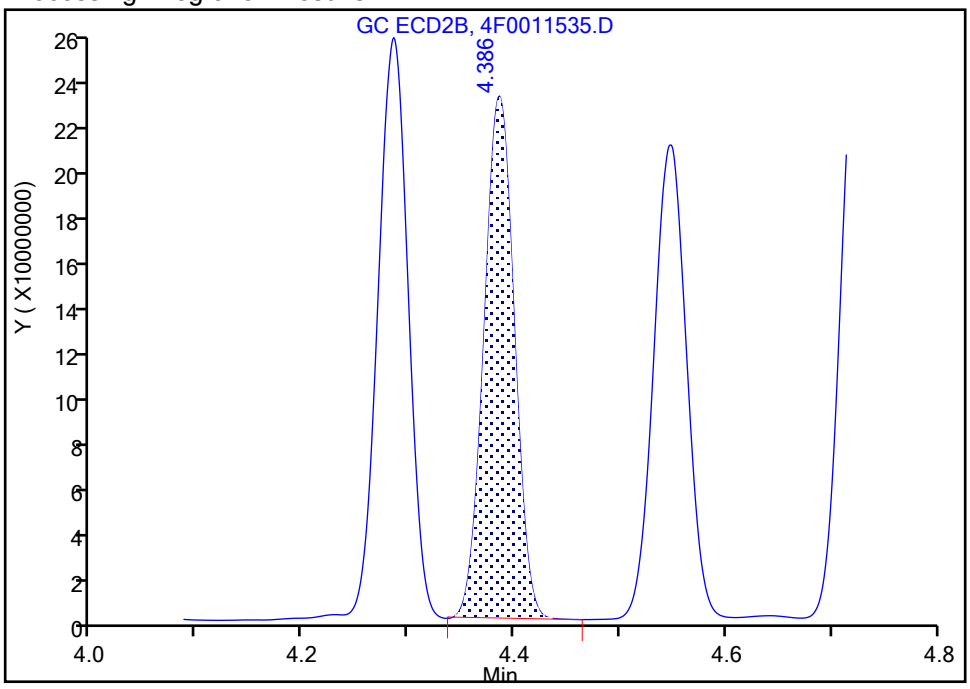
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011535.D
Injection Date: 27-Nov-2024 09:04:12 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 2

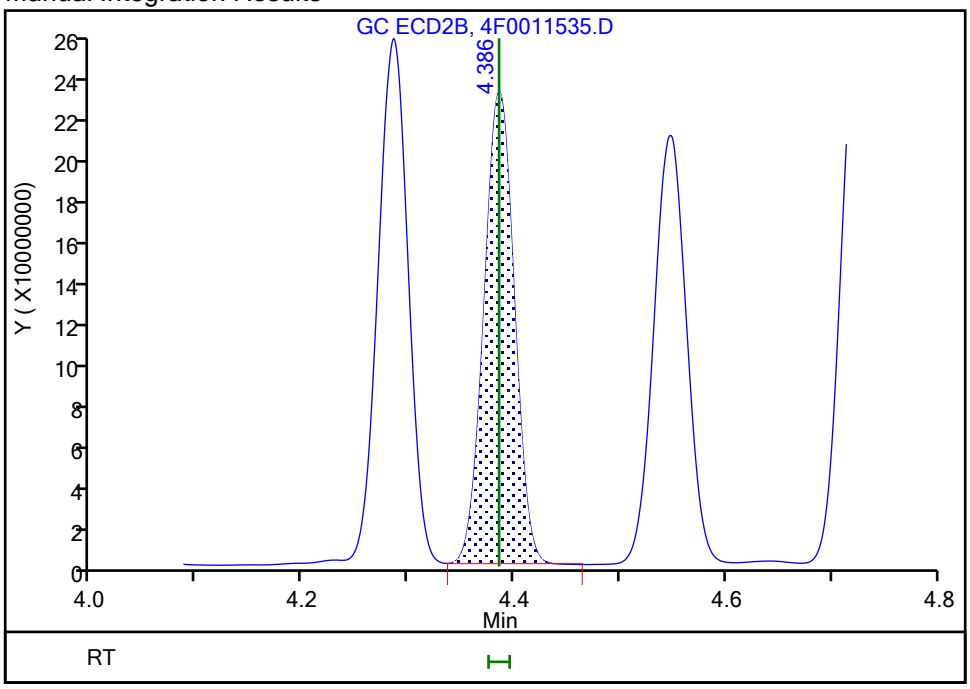
Processing Integration Results

RT: 4.39
Area: 443989680
Amount: 249.8221
Amount Units: ug/l




Manual Integration Results

RT: 4.39
Area: 446586923
Amount: 254.2581
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:21:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Nov-2024 09:20:00 ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:40:42 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 09:32:53

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 59496352 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 138199770 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.961 | 1.961 | 0.000 | 124011503 | 200.0 | 189.2 | |
| 2 | 1.769 | 1.769 | 0.000 | 298641748 | 200.0 | 186.6 | |
| | | | | | | RPD = 1.40 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.379 | 2.378 | 0.001 | 457420691 | 500.0 | 476.9 | |
| 2 | 2.070 | 2.069 | 0.001 | 1109547972 | 500.0 | 480.7 | |
| | | | | | | RPD = 0.79 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.666 | 2.664 | 0.002 | 416258780 | 500.0 | 473.7 | M |
| 2 | 2.257 | 2.256 | 0.001 | 997580775 | 500.0 | 476.2 | |
| | | | | | | RPD = 0.53 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.722 | 2.721 | 0.001 | 173602923 | 500.0 | 447.6 | M |
| 2 | 2.305 | 2.304 | 0.001 | 403769777 | 500.0 | 449.2 | |
| | | | | | | RPD = 0.37 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.010 | 3.008 | 0.002 | 424175259 | 500.0 | 477.2 | M |
| 2 | 2.427 | 2.426 | 0.001 | 1006987924 | 500.0 | 475.6 | |
| | | | | | | RPD = 0.34 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.085 | 3.084 | 0.001 | 427675113 | 500.0 | 461.3 | M |
| 2 | 2.586 | 2.584 | 0.002 | 1019408076 | 500.0 | 462.7 | |
| | | | | | | RPD = 0.31 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 436432771 | 500.0 | 471.6 | |
| 2 | 2.818 | 2.817 | 0.001 | 1035189723 | 500.0 | 471.0 | |
| | | | | | | RPD = 0.12 | |
| 12 Heptachlor epoxide | | | | | | | M |
| 1 | 4.123 | 4.121 | 0.002 | 366624819 | 500.0 | 453.4 | M |
| 2 | 3.361 | 3.360 | 0.001 | 900357160 | 500.0 | 453.6 | |
| | | | | | | RPD = 0.06 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.344 | 4.343 | 0.001 | 383547580 | 500.0 | 464.8 | |
| 2 | 3.492 | 3.490 | 0.002 | 936453049 | 500.0 | 458.0 | M |
| | | | | | | RPD = 1.48 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.531 | 4.532 | -0.001 | 367739864 | 500.0 | 464.6 | |
| 2 | 3.639 | 3.638 | 0.001 | 907353868 | 500.0 | 460.1 | M |
| | | | | | | RPD = 0.96 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.608 | 4.609 | -0.001 | 343651619 | 500.0 | 456.2 | |
| 2 | 3.787 | 3.786 | 0.001 | 845457465 | 500.0 | 450.4 | M |
| | | | | | | RPD = 1.29 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.750 | 4.749 | 0.001 | 387815299 | 500.0 | 474.6 | |
| 2 | 3.734 | 3.733 | 0.001 | 967444620 | 500.0 | 466.4 | M |
| | | | | | | RPD = 1.75 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.922 | 4.922 | 0.000 | 395559462 | 500.0 | 467.6 | |
| 2 | 4.040 | 4.039 | 0.001 | 991751160 | 500.0 | 470.0 | |
| | | | | | | RPD = 0.51 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.226 | 5.224 | 0.002 | 350787986 | 500.0 | 454.2 | M |
| 2 | 4.285 | 4.284 | 0.001 | 909581167 | 500.0 | 475.4 | M |
| | | | | | | RPD = 4.56 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.344 | 5.344 | 0.000 | 352542885 | 500.0 | 487.3 | M |
| 2 | 4.386 | 4.385 | 0.001 | 819882714 | 500.0 | 473.4 | M |
| | | | | | | RPD = 2.89 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.425 | 5.425 | 0.000 | 281958718 | 500.0 | 399.6 | M |
| 2 | 4.547 | 4.547 | 0.000 | 681441288 | 500.0 | 409.7 | |
| | | | | | | RPD = 2.50 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 345329895 | 500.0 | 470.7 | |
| 2 | 4.722 | 4.722 | 0.000 | 837965733 | 500.0 | 479.4 | |
| | | | | | | RPD = 1.84 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 251095925 | 500.0 | 447.2 | |
| 2 | 4.995 | 4.994 | 0.001 | 642210447 | 500.0 | 455.4 | |
| | | | | | | RPD = 1.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.143 | 6.144 | -0.001 | 334102804 | 500.0 | 440.1 | |
| 2 | 5.387 | 5.387 | 0.000 | 846685306 | 500.0 | 449.4 | |
| | | | | | | RPD = 2.10 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.729 | 6.729 | 0.000 | 184436808 | 500.0 | 445.2 | |
| 2 | 5.221 | 5.221 | 0.000 | 442053505 | 500.0 | 459.9 | |
| | | | | | | RPD = 3.24 | |
| 34 Mirex | | | | | | | |
| 1 | 6.879 | 6.879 | 0.000 | 264769122 | 500.0 | 427.6 | |
| 2 | 5.282 | 5.282 | 0.000 | 632231169 | 500.0 | 447.4 | |
| | | | | | | RPD = 4.51 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.983 | 6.984 | -0.001 | 381653788 | 500.0 | 436.9 | |
| 2 | 5.637 | 5.637 | 0.000 | 948317448 | 500.0 | 450.0 | |
| | | | | | | RPD = 2.96 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.217 | 8.219 | -0.002 | 121365351 | 200.0 | 177.0 | |
| 2 | 7.148 | 7.149 | -0.001 | 361490971 | 200.0 | 182.3 | |
| | | | | | | RPD = 2.96 | |
| S 40 Endosulfan, Total | | | | | | | |
| 1 | | | | | | 855.8 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

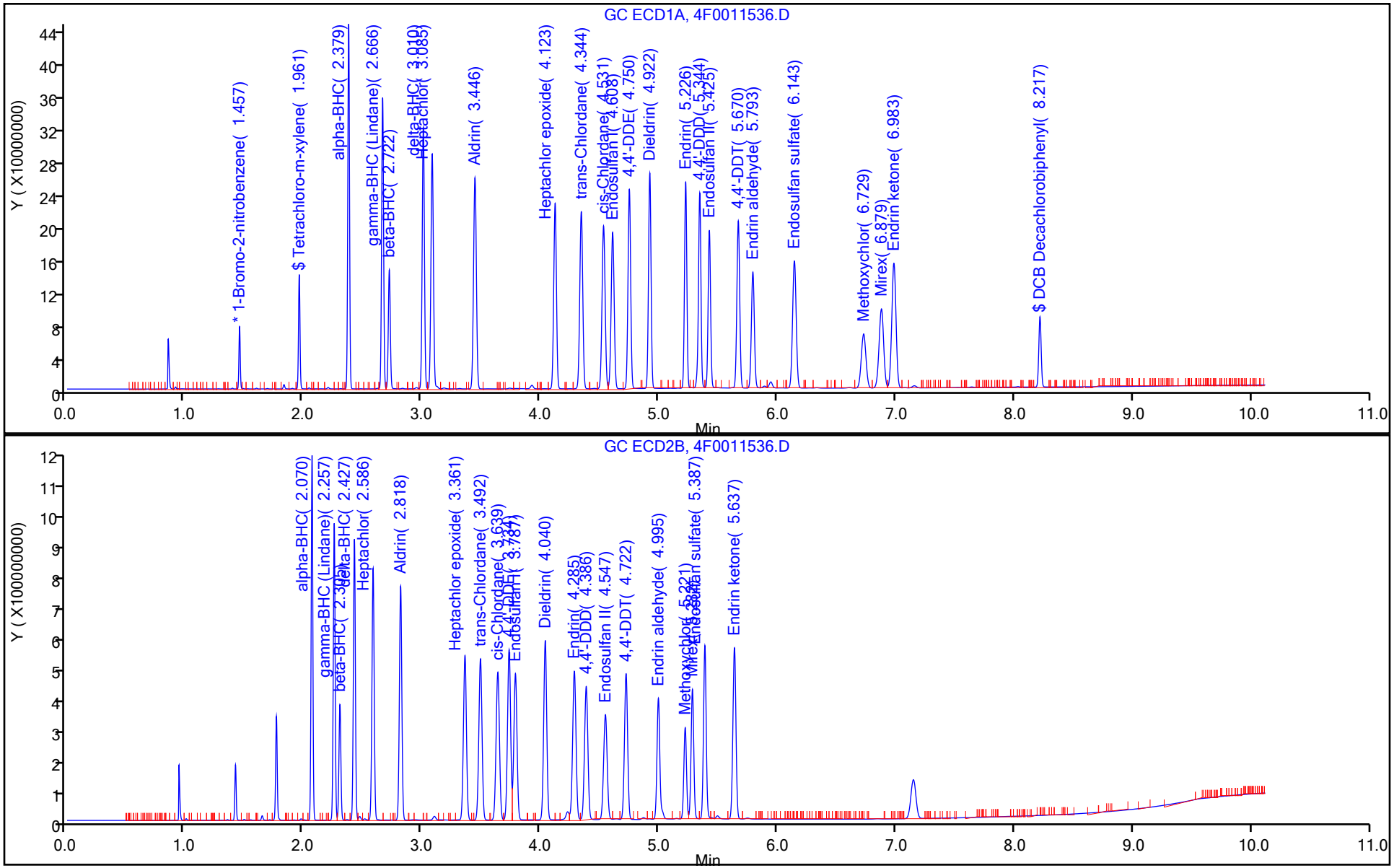
| | | | |
|---|---|---|---|
| SGPESTL5_00043 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:40:43 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 09:20:00 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 23 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

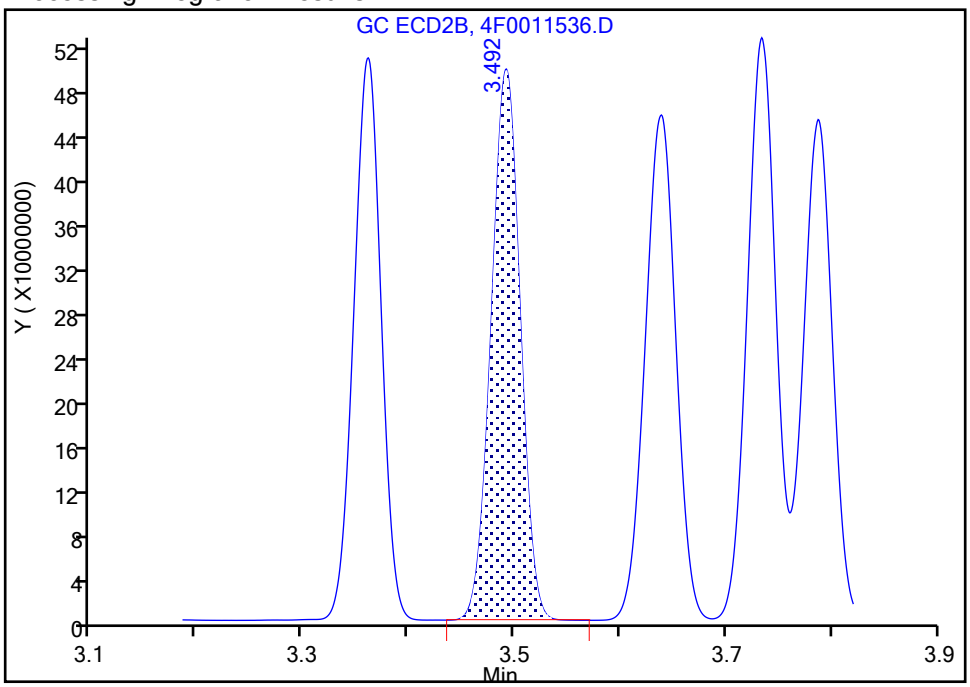
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 9 trans-Chlordane, CAS: 5103-74-2

Signal: 2

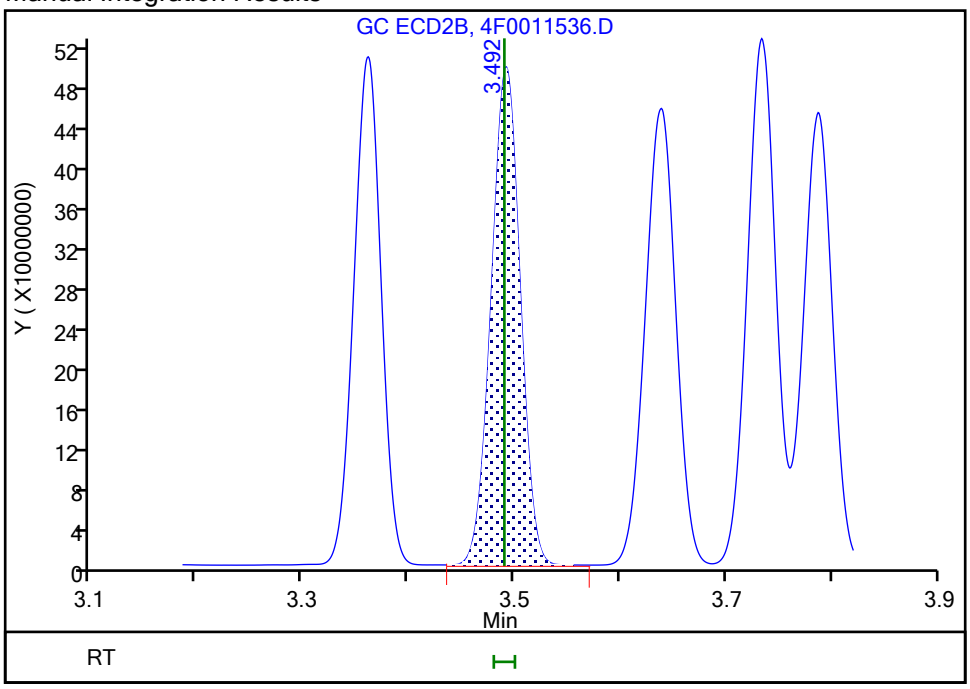
Processing Integration Results

RT: 3.49
Area: 935923260
Amount: 457.7437
Amount Units: ug/l




Manual Integration Results

RT: 3.49
Area: 936453049
Amount: 457.9554
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

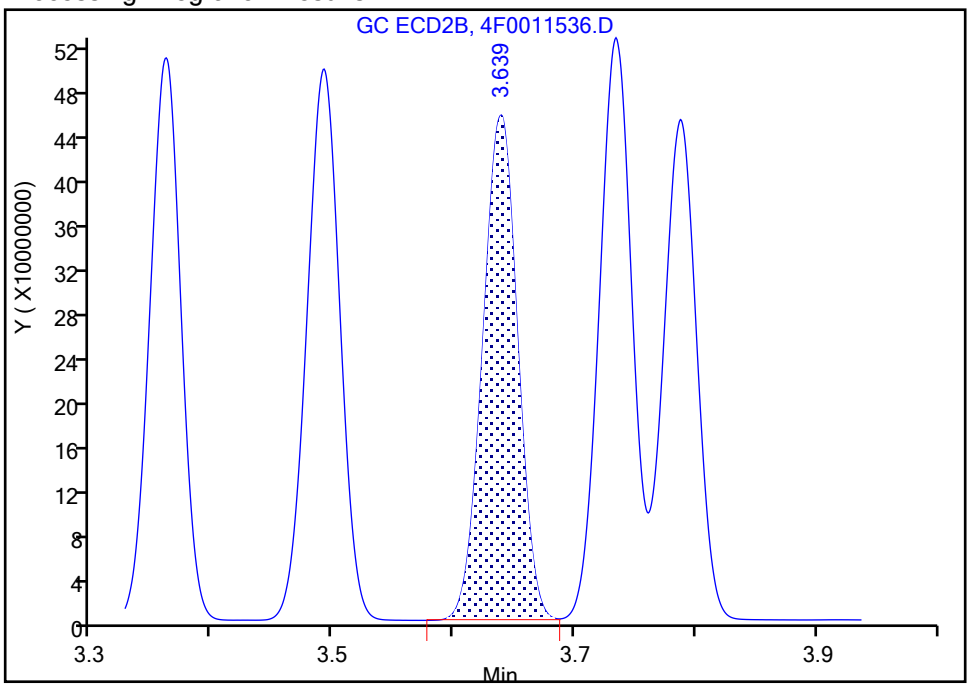
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

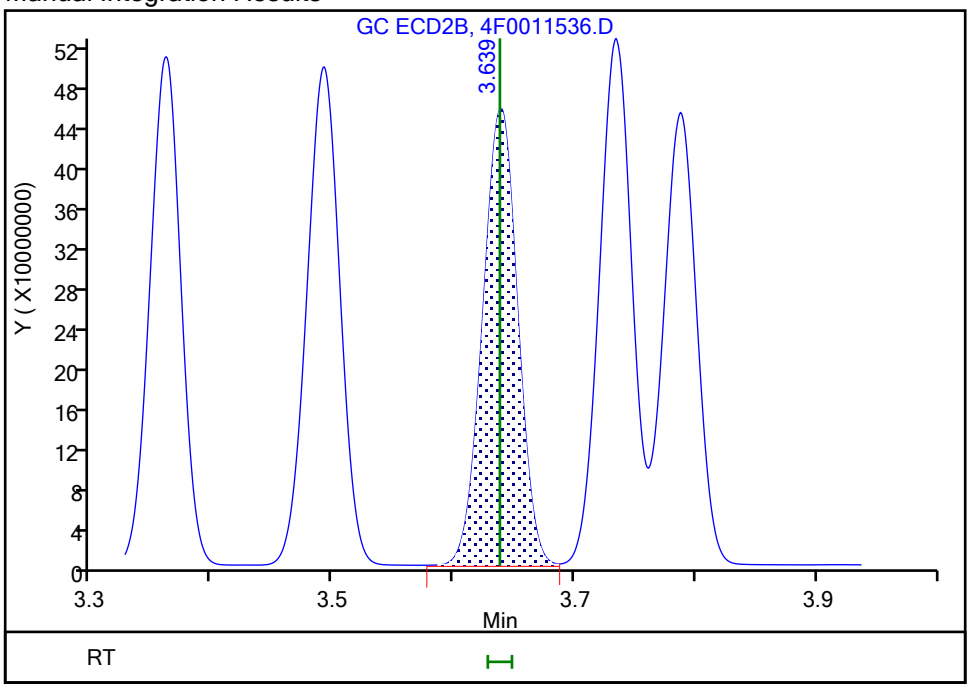
Processing Integration Results

RT: 3.64
Area: 903339564
Amount: 458.4698
Amount Units: ug/l




Manual Integration Results

RT: 3.64
Area: 907353868
Amount: 460.1322
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

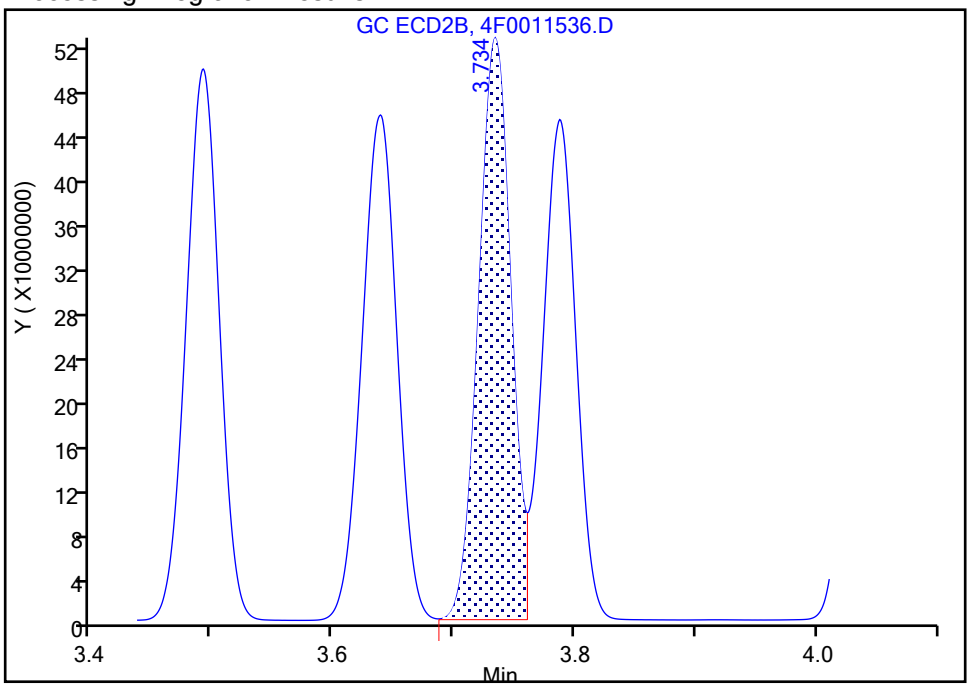
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

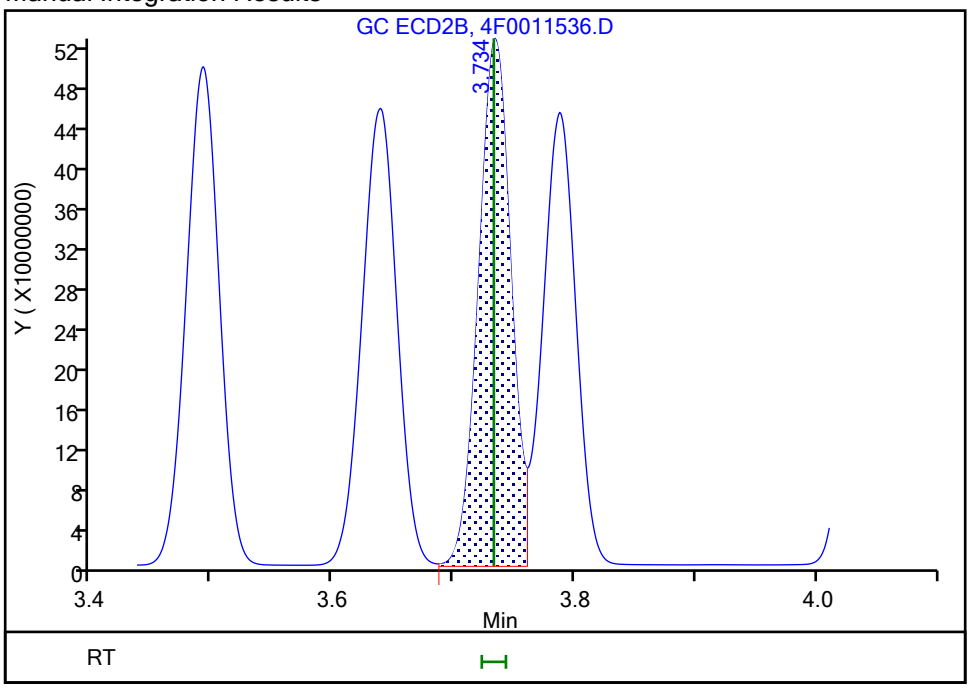
Processing Integration Results

RT: 3.73
Area: 963043743
Amount: 464.6448
Amount Units: ug/l




Manual Integration Results

RT: 3.73
Area: 967444620
Amount: 466.3720
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

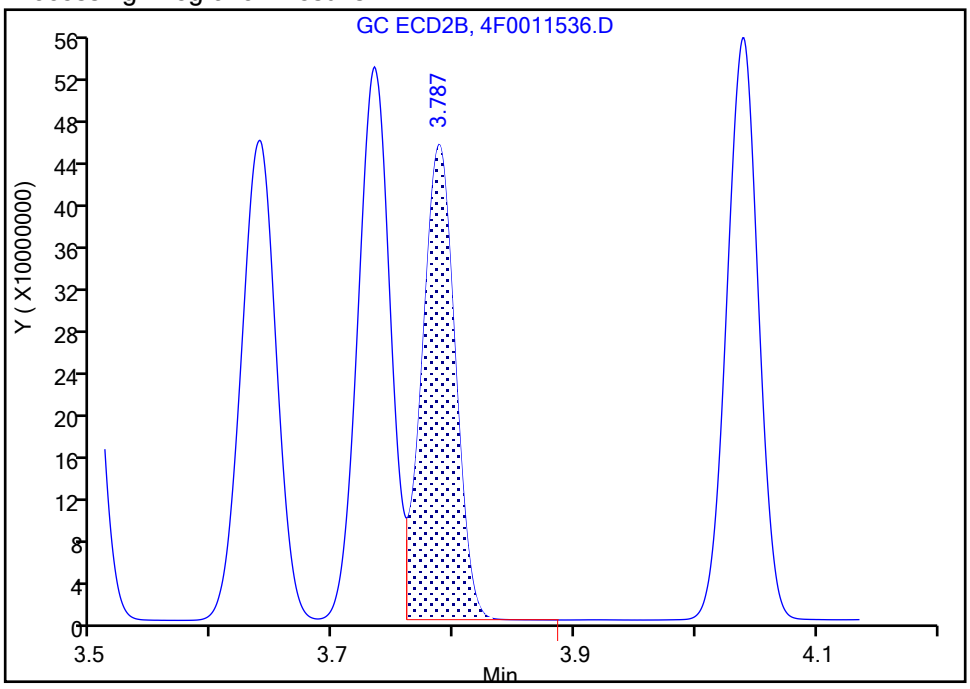
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

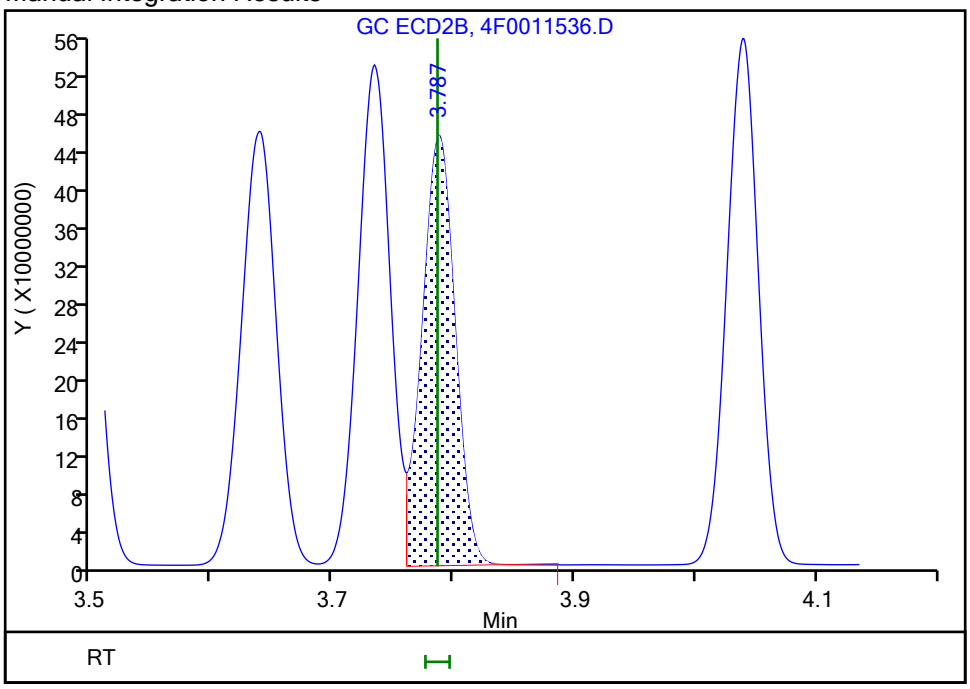
Processing Integration Results

RT: 3.79
Area: 842211727
Amount: 448.9384
Amount Units: ug/l




Manual Integration Results

RT: 3.79
Area: 845457465
Amount: 450.3568
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

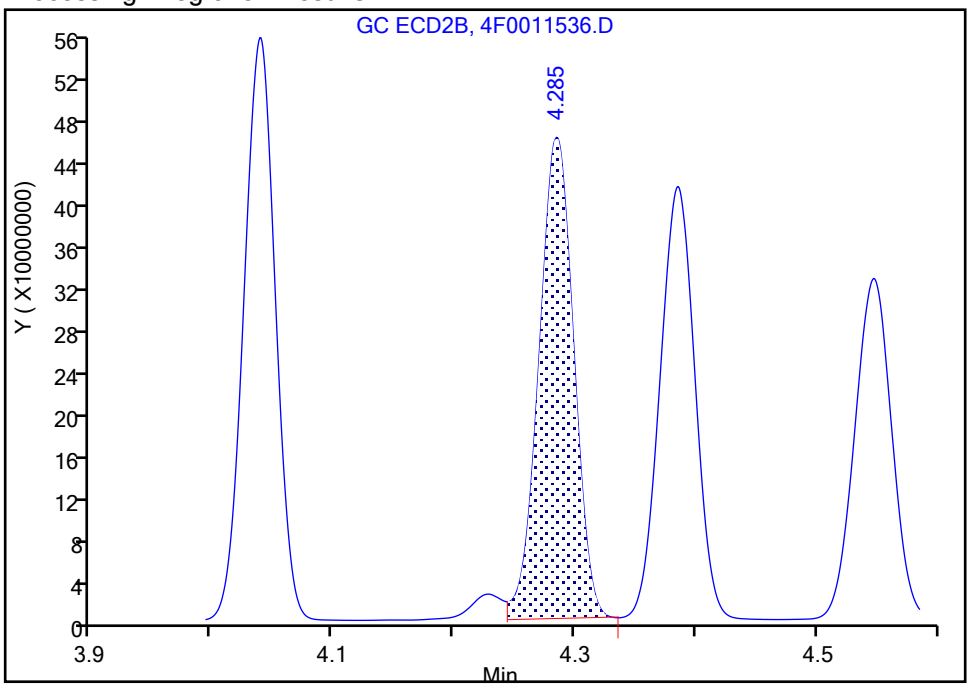
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8

Signal: 2

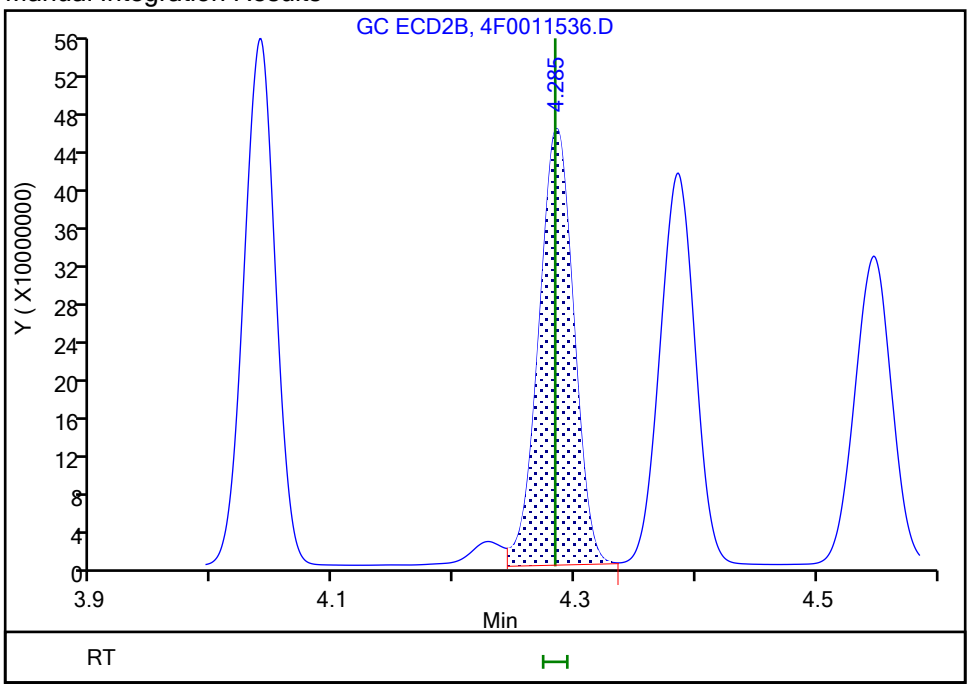
Processing Integration Results

RT: 4.28
Area: 899701905
Amount: 471.2344
Amount Units: ug/l




Manual Integration Results

RT: 4.28
Area: 909581167
Amount: 475.4248
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

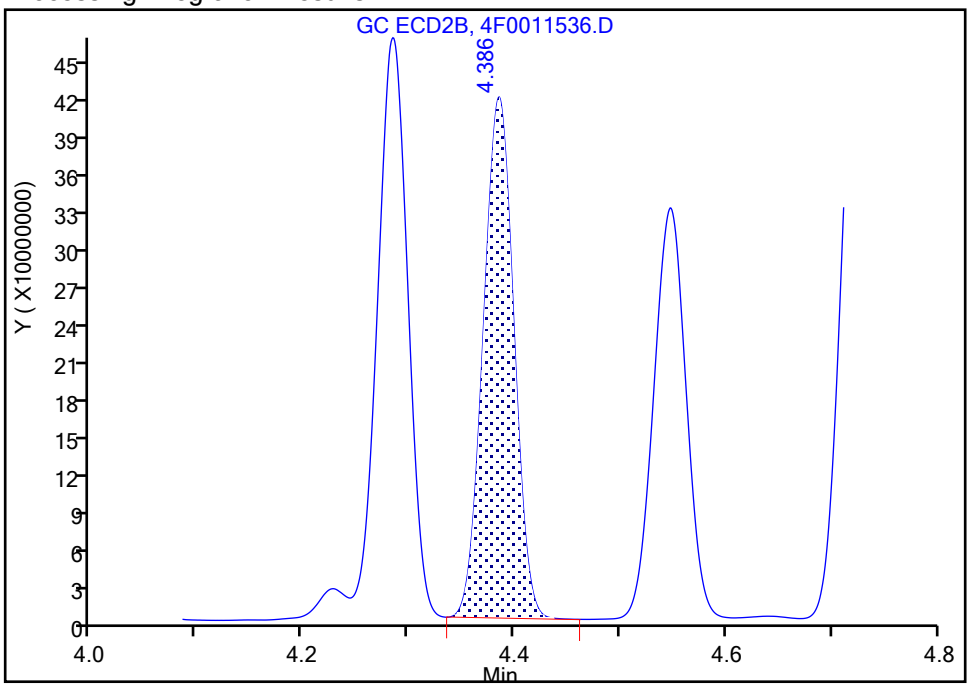
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011536.D
Injection Date: 27-Nov-2024 09:20:00 Instrument ID: CPESTGC4
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 23 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 2

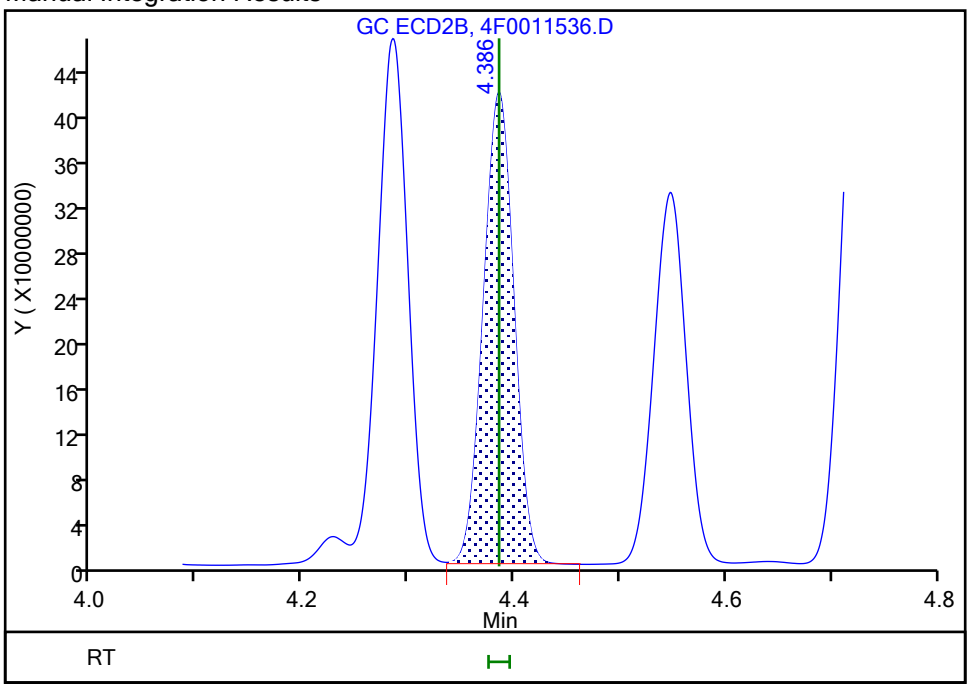
Processing Integration Results

RT: 4.39
Area: 811805732
Amount: 469.5797
Amount Units: ug/l




Manual Integration Results

RT: 4.39
Area: 819882714
Amount: 473.3671
Amount Units: ug/l




Reviewer: ESS0, 27-Nov-2024 09:32:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

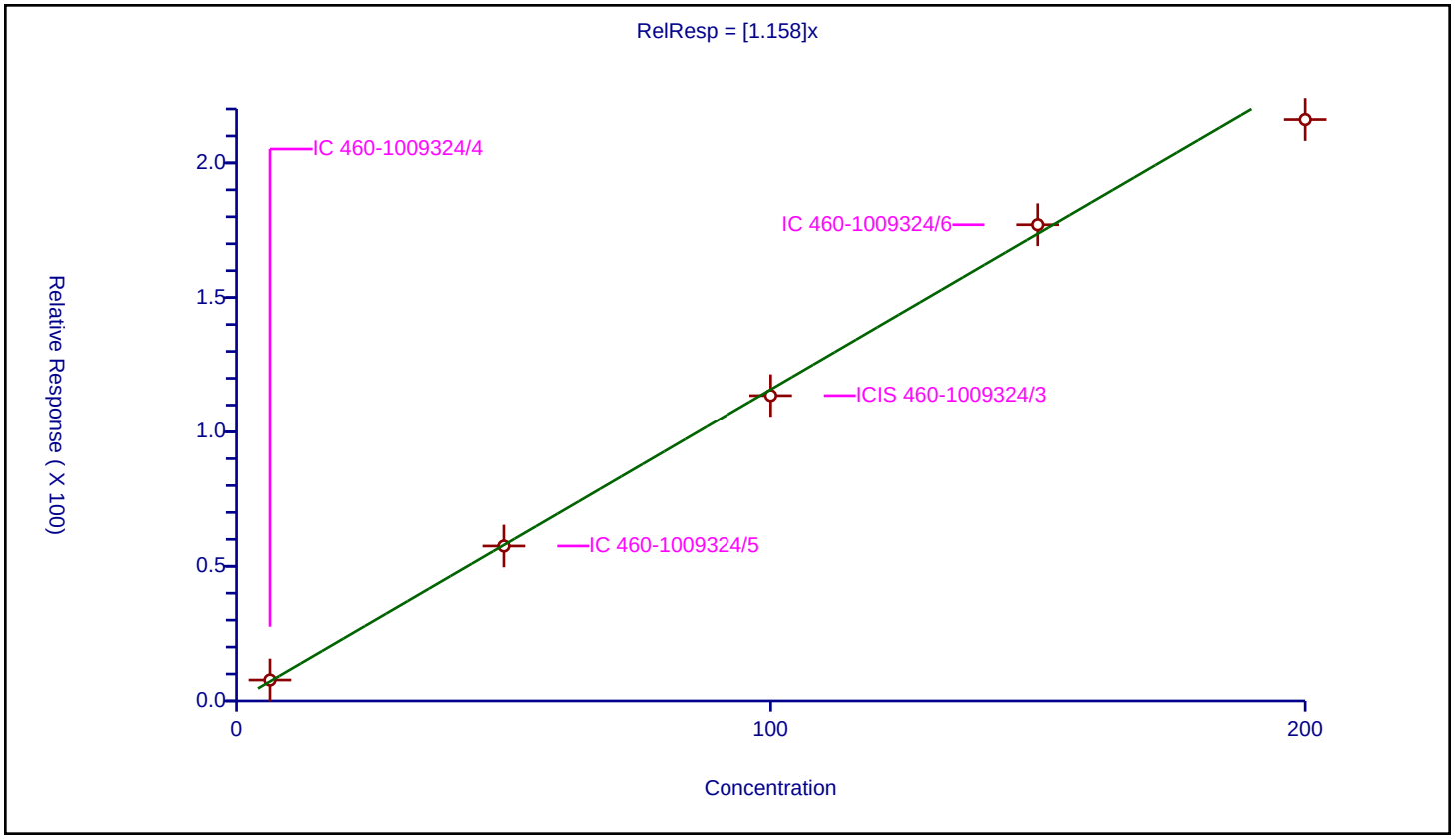
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.158 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 6.25 | 7.773158 | 100.0 | 137178700.0 | 1.243705 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 57.531326 | 100.0 | 141404006.0 | 1.150627 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 113.553908 | 100.0 | 131876887.0 | 1.135539 | Y |
| 4 | IC 460-1009324/6 | 150.0 | 177.056734 | 100.0 | 140147347.0 | 1.180378 | Y |
| 5 | IC 460-1009324/7 | 200.0 | 216.094244 | 100.0 | 138199770.0 | 1.080471 | Y |



## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

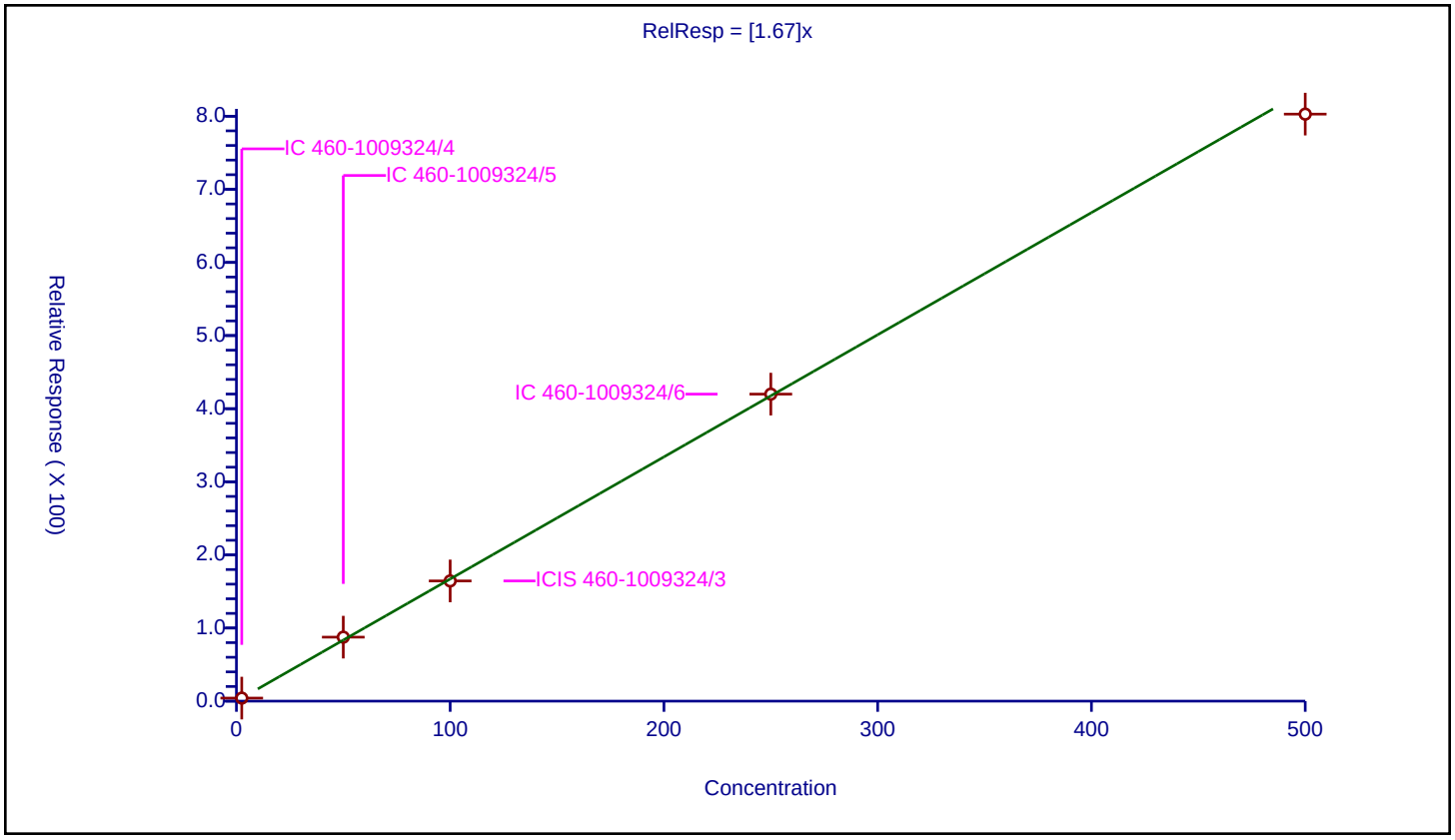
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.67 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.180239 | 100.0 | 137178700.0 | 1.672096 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 87.496917 | 100.0 | 141404006.0 | 1.749938 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 164.404063 | 100.0 | 131876887.0 | 1.644041 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 419.918839 | 100.0 | 140147347.0 | 1.679675 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 802.858045 | 100.0 | 138199770.0 | 1.605716 | Y |



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## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

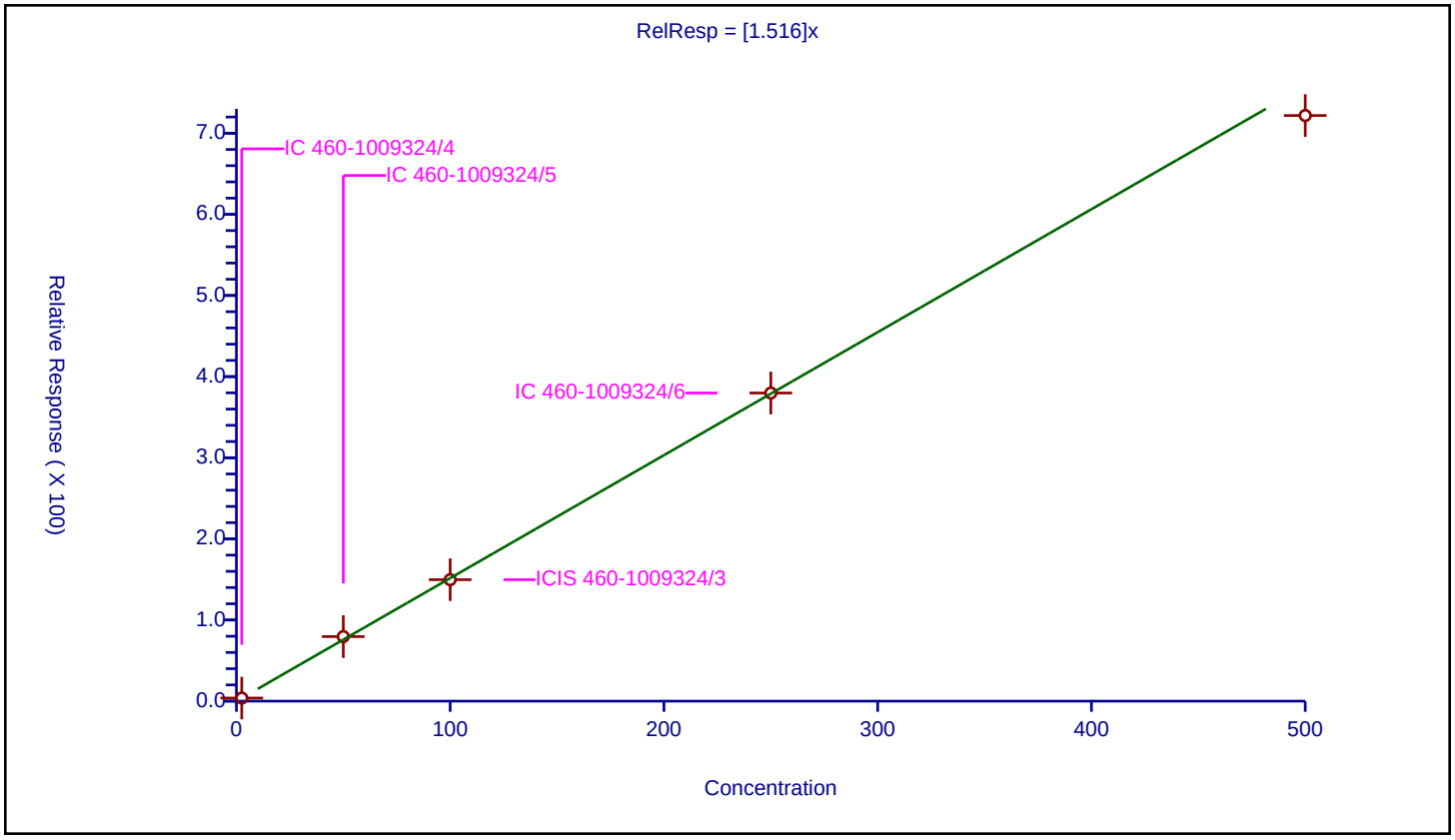
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.516 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.819647 | 100.0 | 137178700.0 | 1.527859 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 79.570919 | 100.0 | 141404006.0 | 1.591418 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 149.723961 | 100.0 | 131876887.0 | 1.49724 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 379.775636 | 100.0 | 140147347.0 | 1.519103 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 721.839678 | 100.0 | 138199770.0 | 1.443679 | Y |



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## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

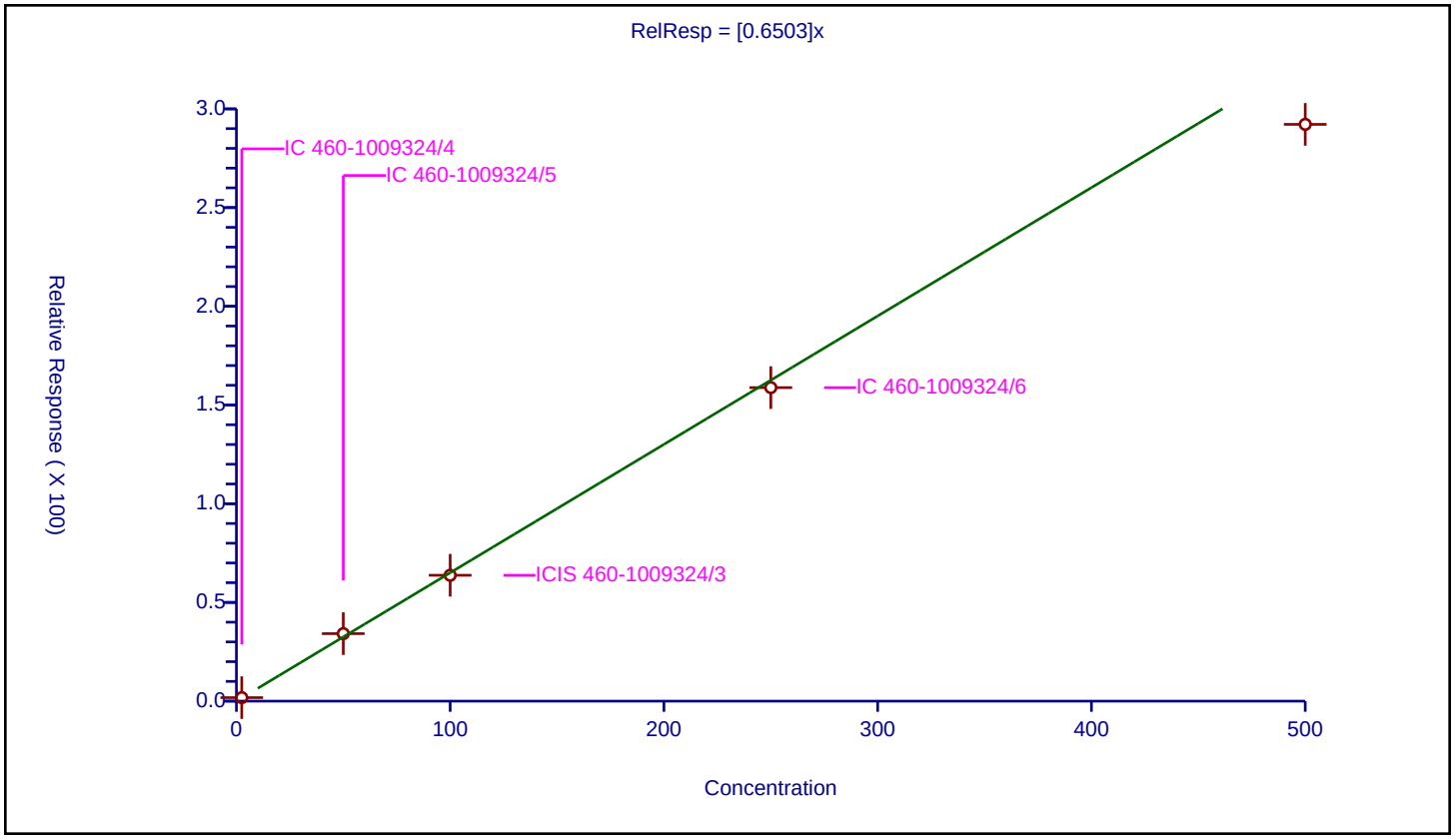
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6503 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 1.776804 | 100.0 | 137178700.0 | 0.710721 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 34.190749 | 100.0 | 141404006.0 | 0.683815 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 63.760837 | 100.0 | 131876887.0 | 0.637608 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 158.815348 | 100.0 | 140147347.0 | 0.635261 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 292.163856 | 100.0 | 138199770.0 | 0.584328 | Y |



## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

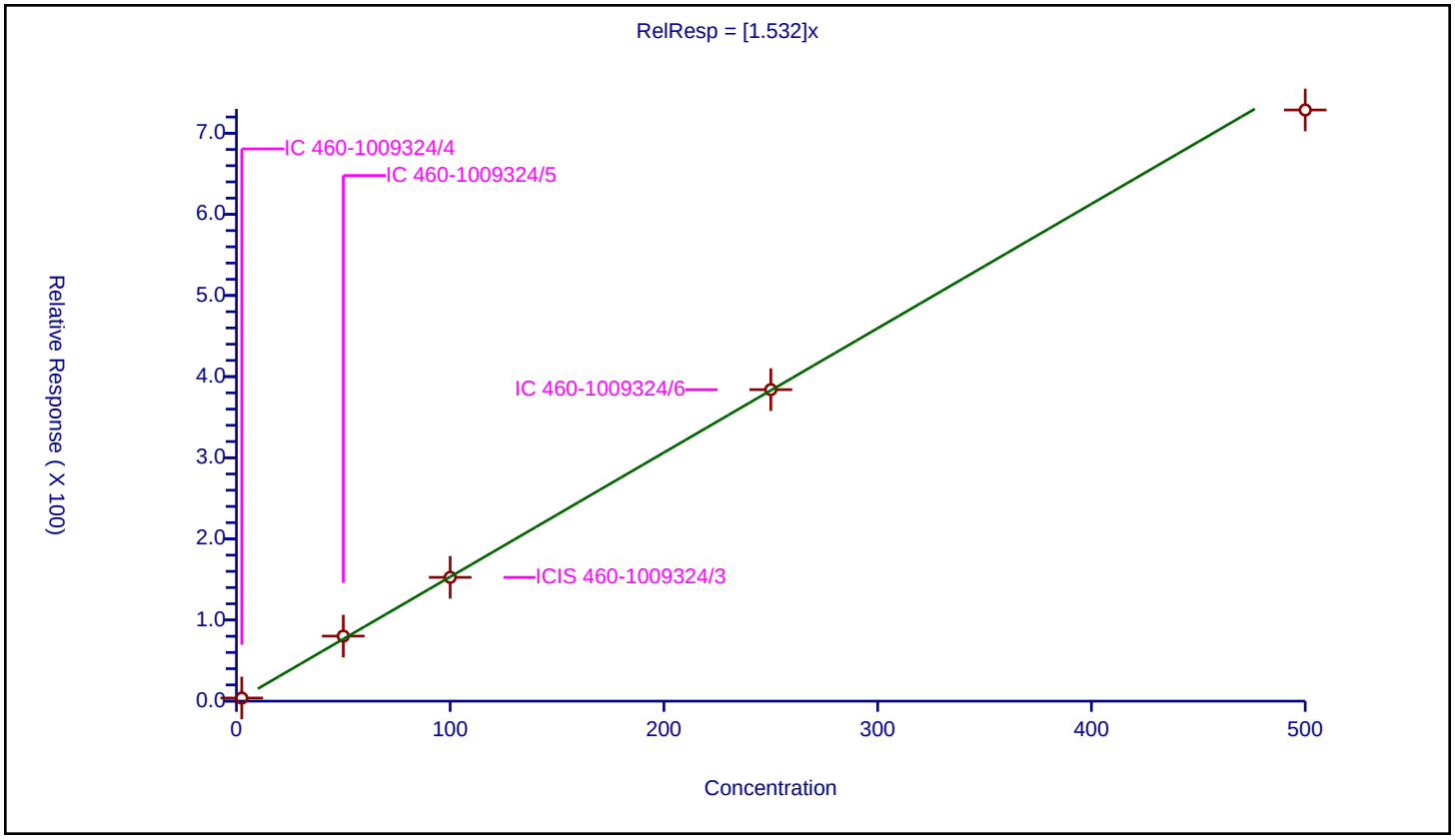
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.532 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.845487 | 100.0 | 137178700.0 | 1.538195 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 80.18701 | 100.0 | 141404006.0 | 1.60374 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 152.570324 | 100.0 | 131876887.0 | 1.525703 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 383.957873 | 100.0 | 140147347.0 | 1.535831 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 728.646599 | 100.0 | 138199770.0 | 1.457293 | Y |



## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

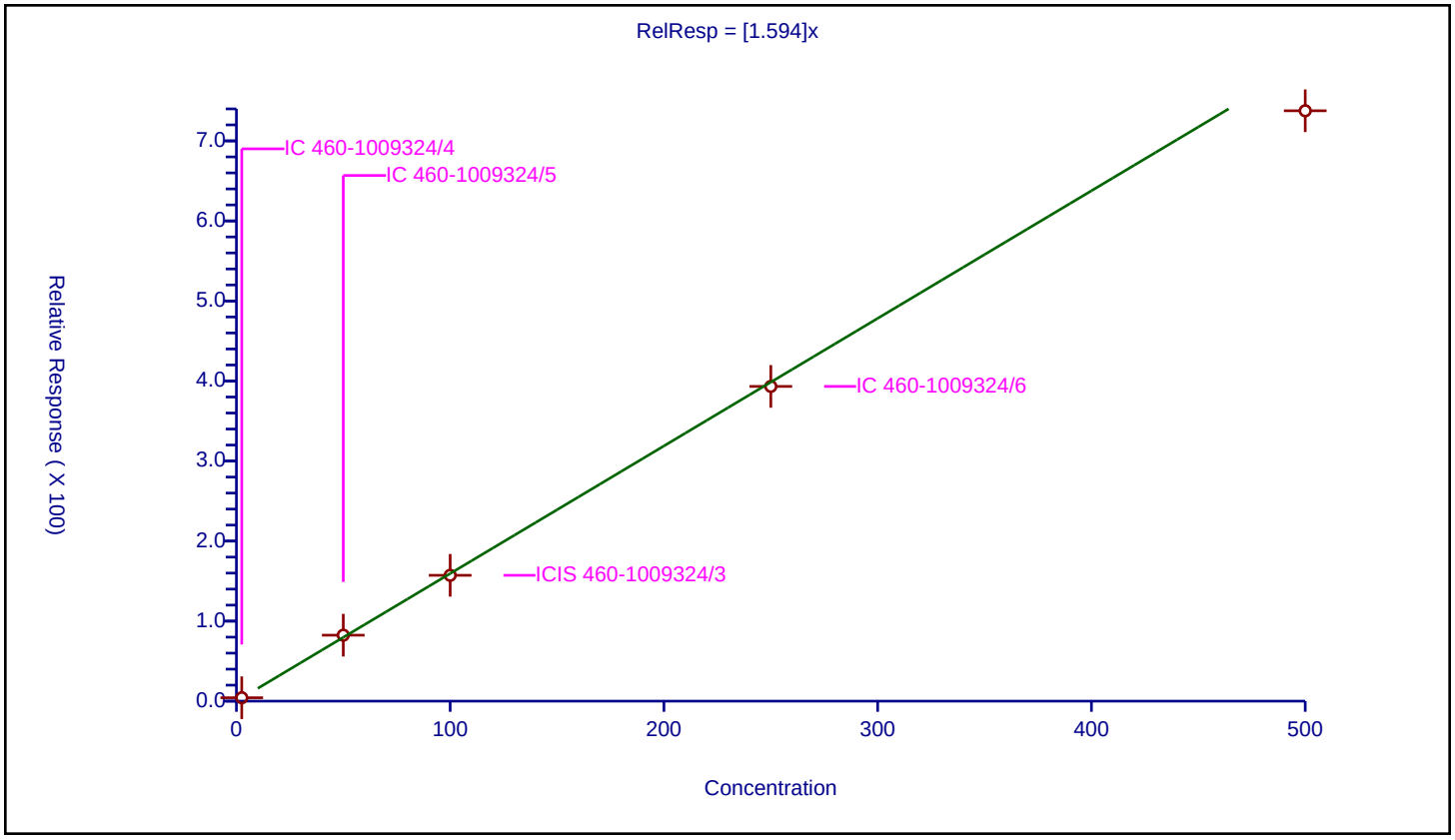
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.594 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.256044 | 100.0 | 137178700.0 | 1.702418 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 82.415403 | 100.0 | 141404006.0 | 1.648308 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 157.230098 | 100.0 | 131876887.0 | 1.572301 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 393.223486 | 100.0 | 140147347.0 | 1.572894 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 737.633699 | 100.0 | 138199770.0 | 1.475267 | Y |



## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

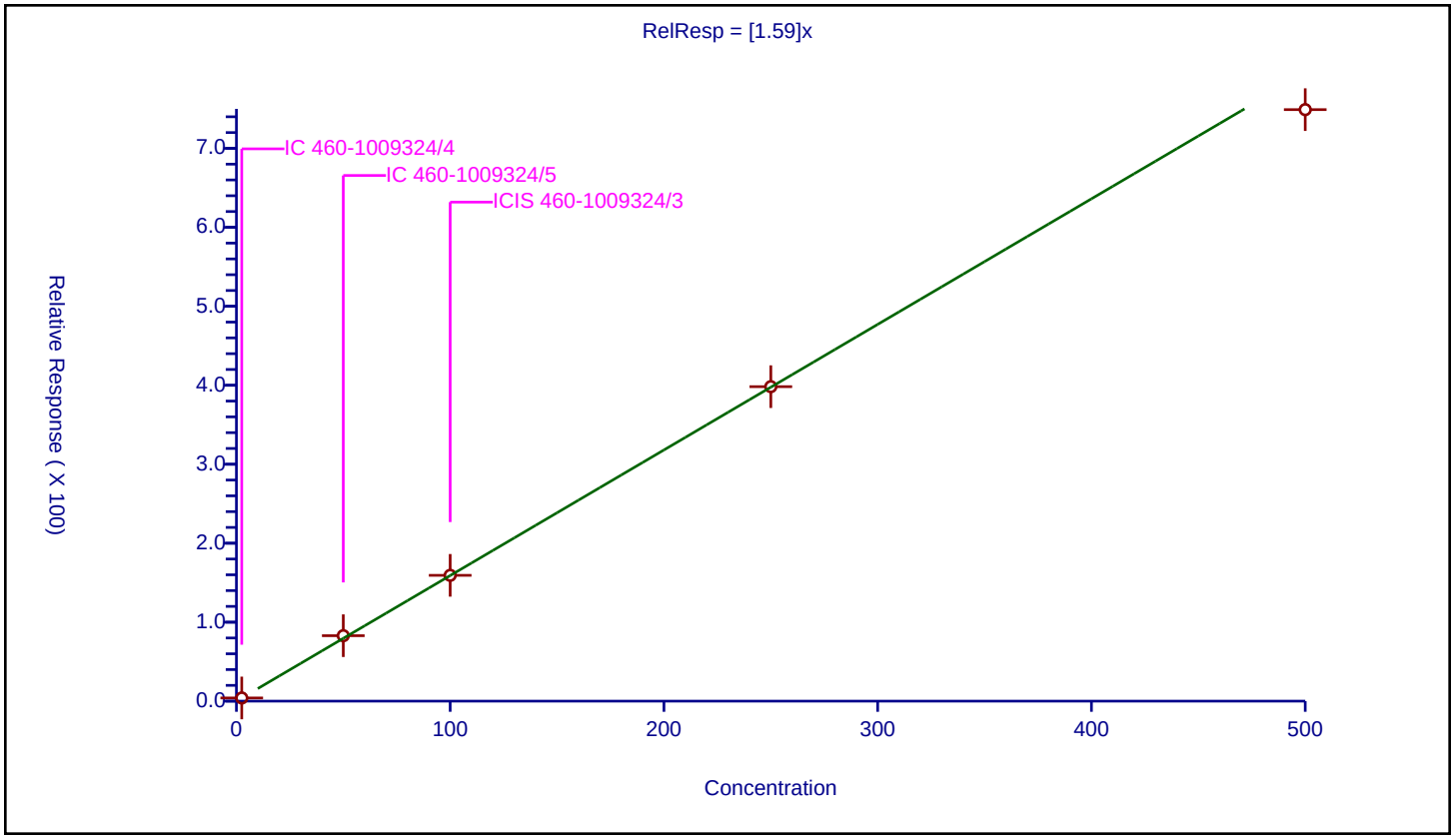
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.59 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.024647 | 100.0 | 137178700.0 | 1.609859 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 82.877281 | 100.0 | 141404006.0 | 1.657546 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 159.315891 | 100.0 | 131876887.0 | 1.593159 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 398.243848 | 100.0 | 140147347.0 | 1.592975 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 749.053145 | 100.0 | 138199770.0 | 1.498106 | Y |



## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

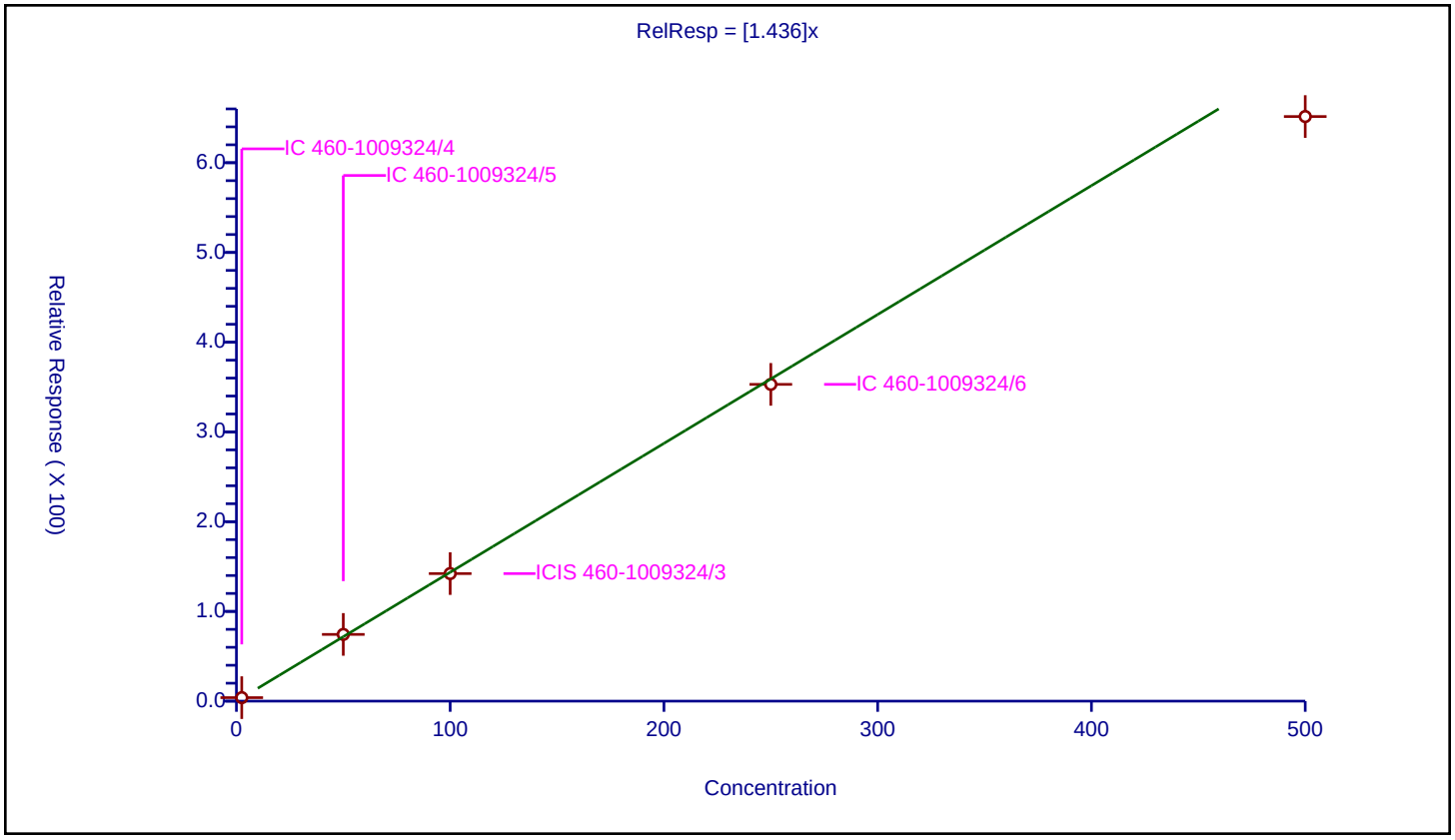
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.436 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.893541 | 100.0 | 137178700.0 | 1.557416 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 74.357715 | 100.0 | 141404006.0 | 1.487154 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 142.15807 | 100.0 | 131876887.0 | 1.421581 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 353.002764 | 100.0 | 140147347.0 | 1.412011 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 651.489623 | 100.0 | 138199770.0 | 1.302979 | Y |



## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

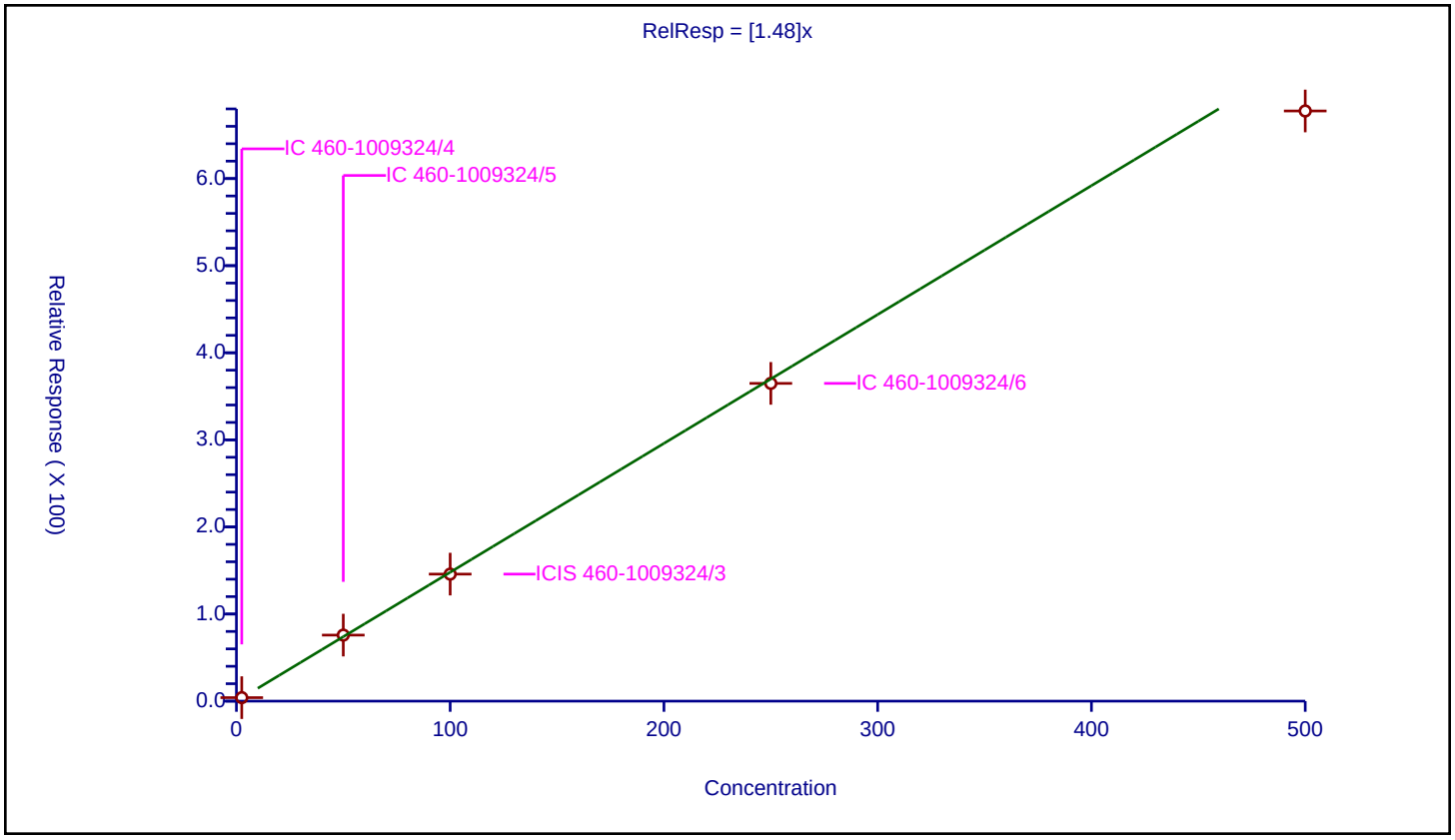
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.48 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.021796 | 100.0 | 137178700.0 | 1.608719 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 75.823362 | 100.0 | 141404006.0 | 1.516467 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 145.841888 | 100.0 | 131876887.0 | 1.458419 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 364.842488 | 100.0 | 140147347.0 | 1.45937 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 677.608254 | 100.0 | 138199770.0 | 1.355217 | Y |



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## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

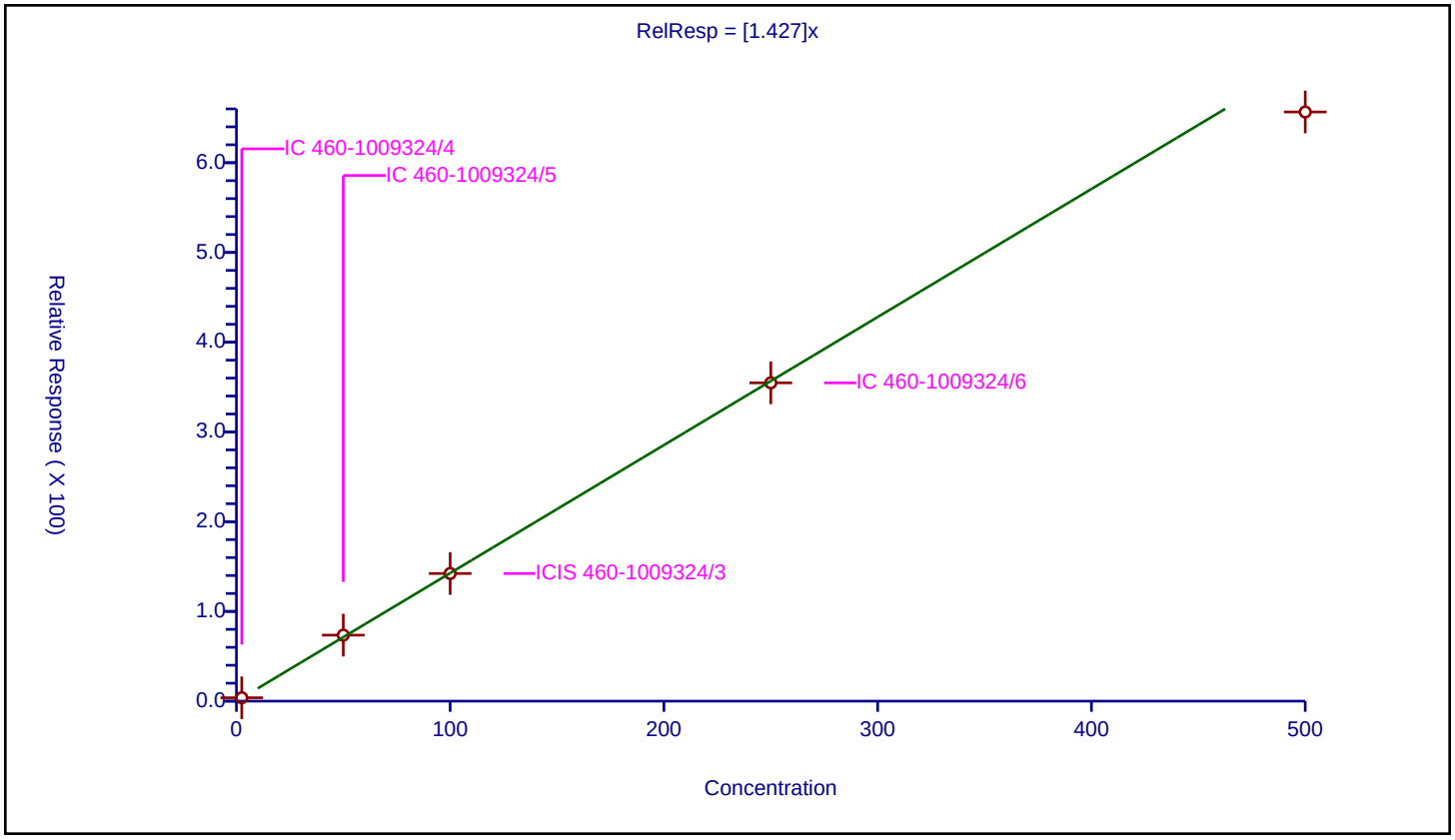
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.427 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.771256 | 100.0 | 137178700.0 | 1.508502 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 73.564709 | 100.0 | 141404006.0 | 1.471294 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 142.250718 | 100.0 | 131876887.0 | 1.422507 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 354.745145 | 100.0 | 140147347.0 | 1.418981 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 656.552372 | 100.0 | 138199770.0 | 1.313105 | Y |



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## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

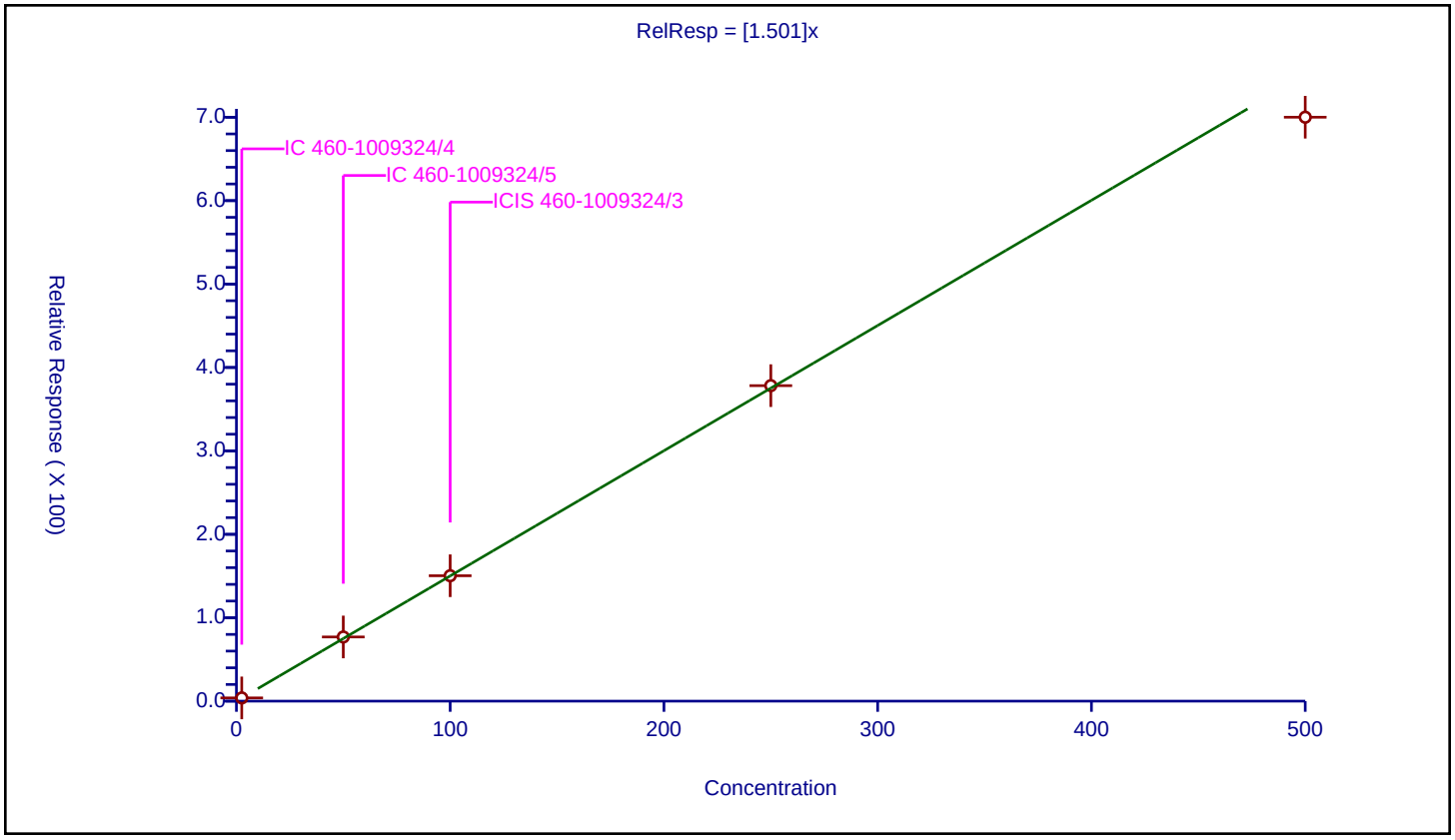
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.501 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.875208 | 100.0 | 137178700.0 | 1.550083 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 76.925123 | 100.0 | 141404006.0 | 1.538502 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 150.352736 | 100.0 | 131876887.0 | 1.503527 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 378.229169 | 100.0 | 140147347.0 | 1.512917 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 700.033452 | 100.0 | 138199770.0 | 1.400067 | Y |



## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

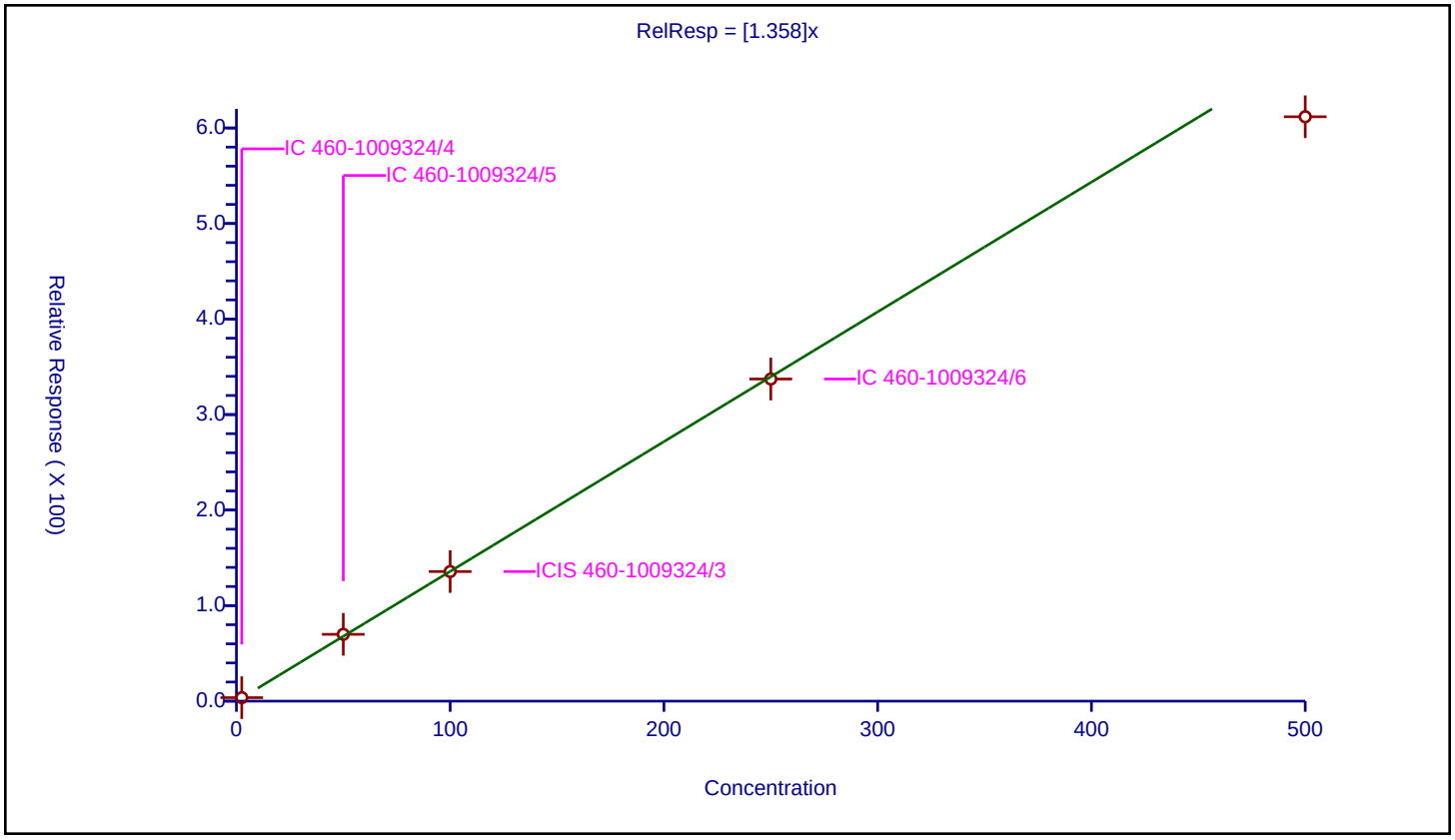
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.358 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.660339 | 100.0 | 137178700.0 | 1.464135 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 69.946924 | 100.0 | 141404006.0 | 1.398938 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 135.649682 | 100.0 | 131876887.0 | 1.356497 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 337.225042 | 100.0 | 140147347.0 | 1.3489 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 611.764741 | 100.0 | 138199770.0 | 1.223529 | Y |



## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

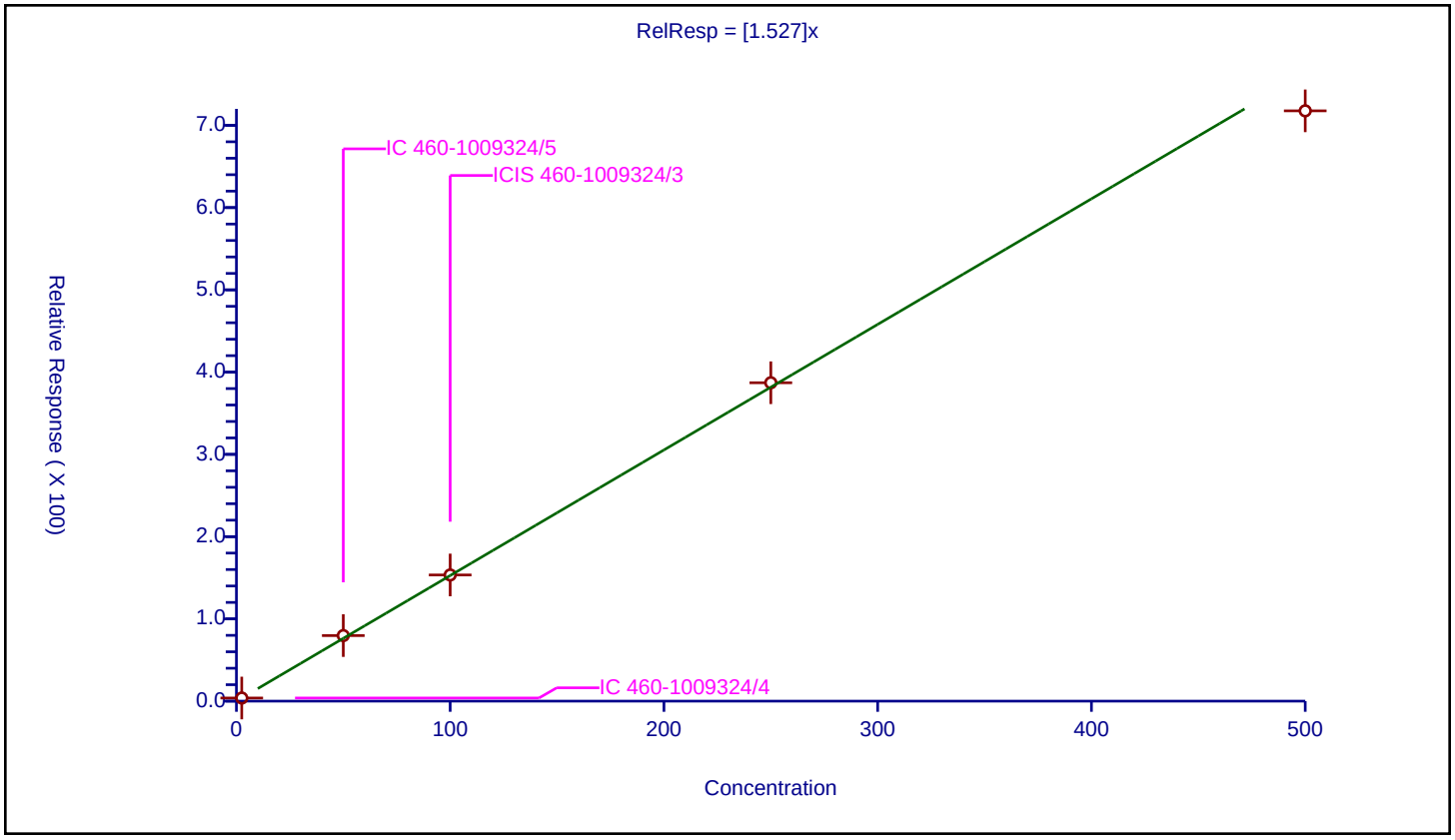
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.527 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.804984 | 100.0 | 137178700.0 | 1.521993 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 79.700765 | 100.0 | 141404006.0 | 1.594015 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 153.387339 | 100.0 | 131876887.0 | 1.533873 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 387.088787 | 100.0 | 140147347.0 | 1.548355 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 717.621426 | 100.0 | 138199770.0 | 1.435243 | Y |



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## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

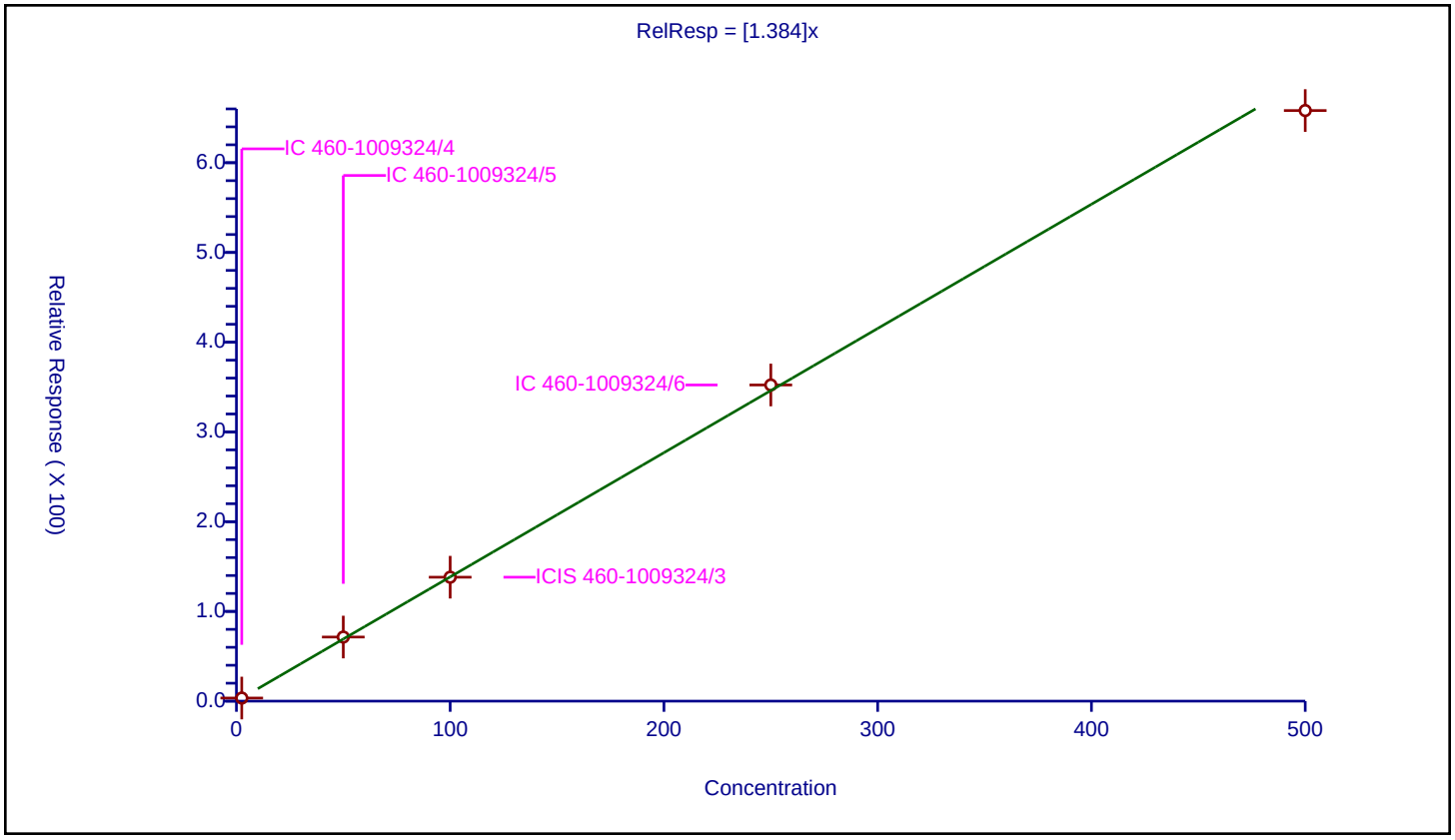
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.384 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.465964 | 100.0 | 137178700.0 | 1.386385 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 71.438316 | 100.0 | 141404006.0 | 1.428766 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 138.109605 | 100.0 | 131876887.0 | 1.381096 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 352.318878 | 100.0 | 140147347.0 | 1.409276 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 658.164024 | 100.0 | 138199770.0 | 1.316328 | Y |



## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

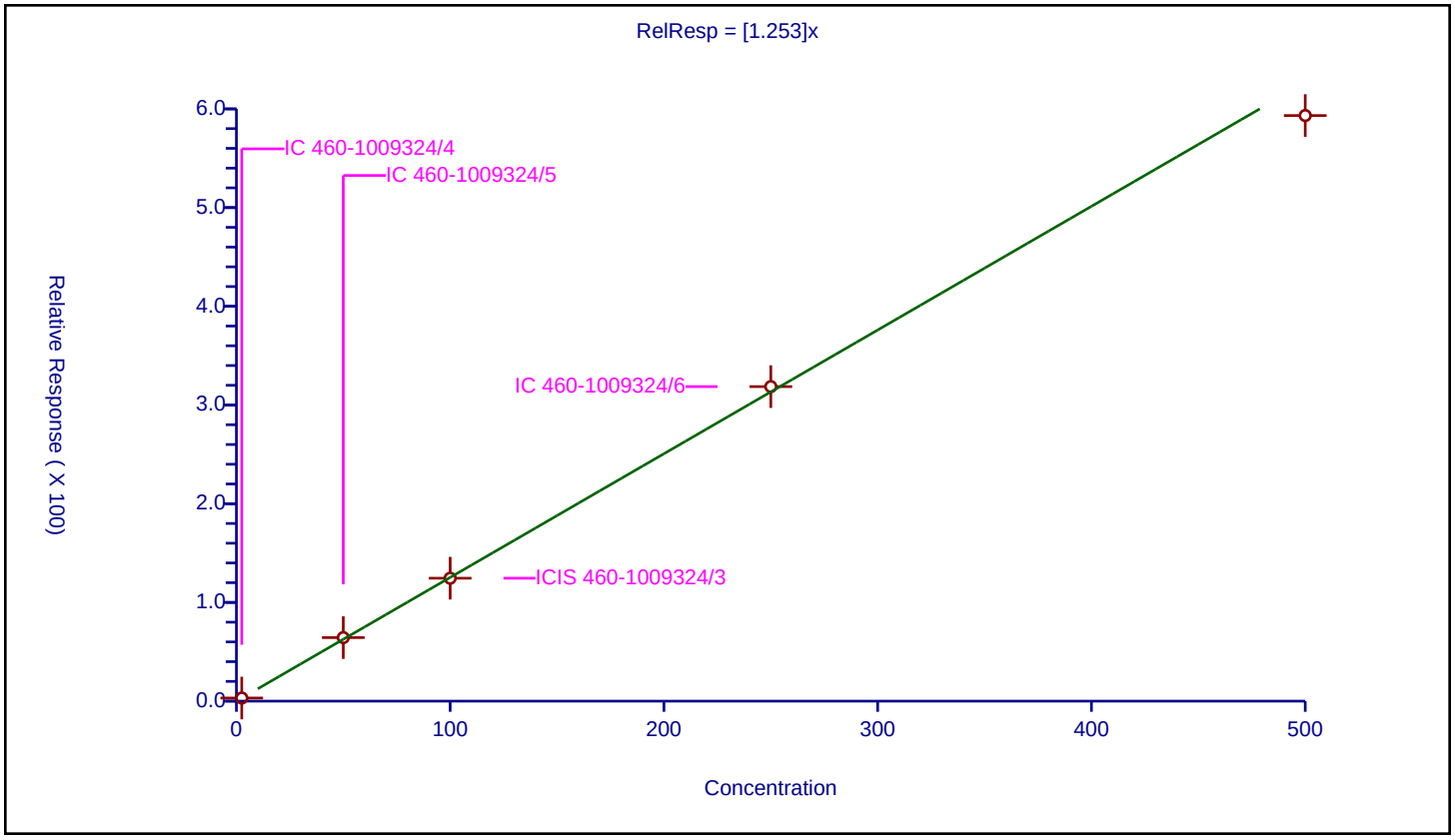
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.253 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.180726 | 100.0 | 137178700.0 | 1.272291 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 64.374839 | 100.0 | 141404006.0 | 1.287497 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 124.544737 | 100.0 | 131876887.0 | 1.245447 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 318.655281 | 100.0 | 140147347.0 | 1.274621 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 593.259102 | 100.0 | 138199770.0 | 1.186518 | Y |



## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

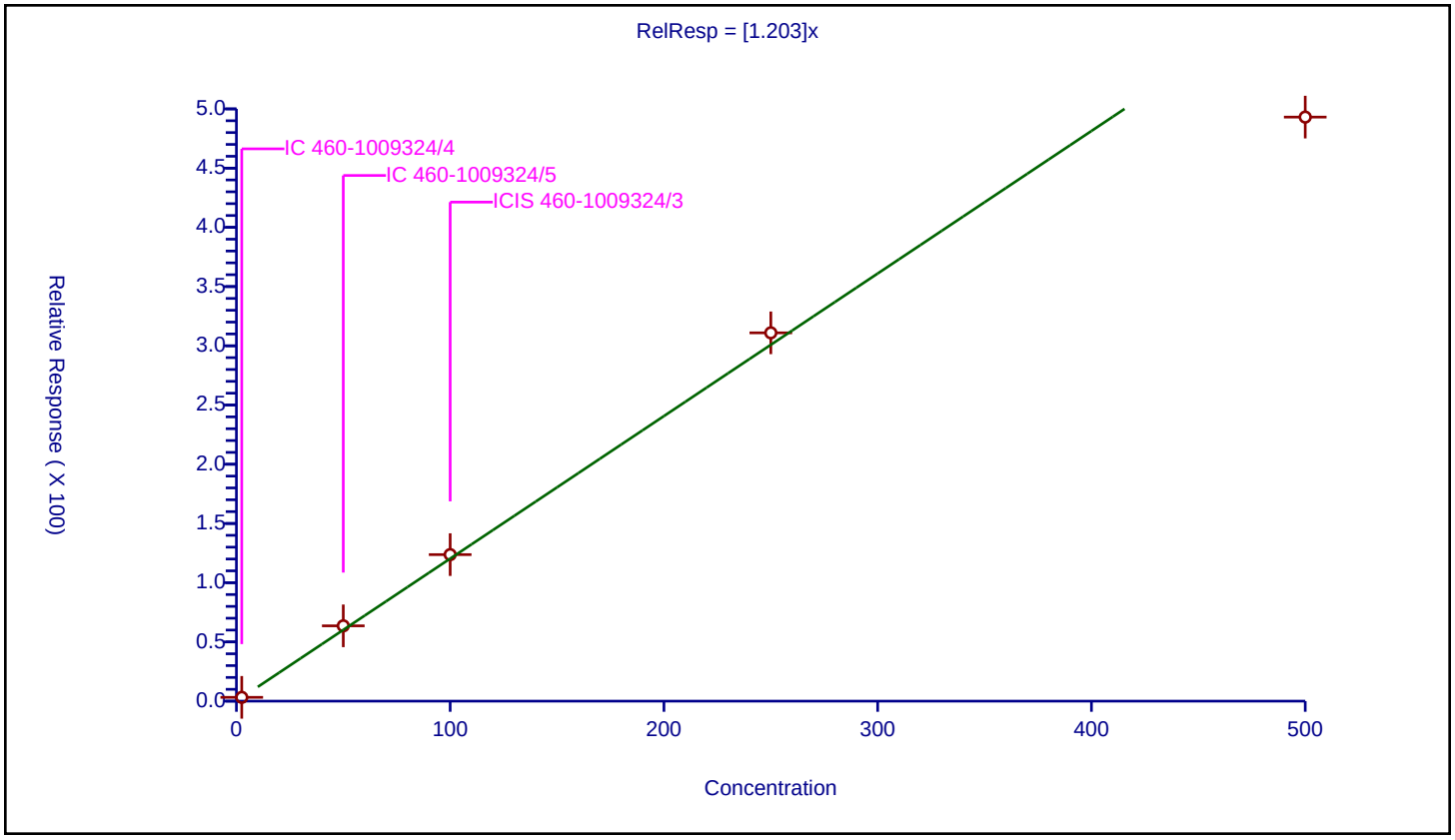
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.203 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.195563 | 100.0 | 137178700.0 | 1.278225 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 63.58415 | 100.0 | 141404006.0 | 1.271683 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 123.713846 | 100.0 | 131876887.0 | 1.237138 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 310.942019 | 100.0 | 140147347.0 | 1.243768 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 493.084242 | 100.0 | 138199770.0 | 0.986168 | Y |



## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

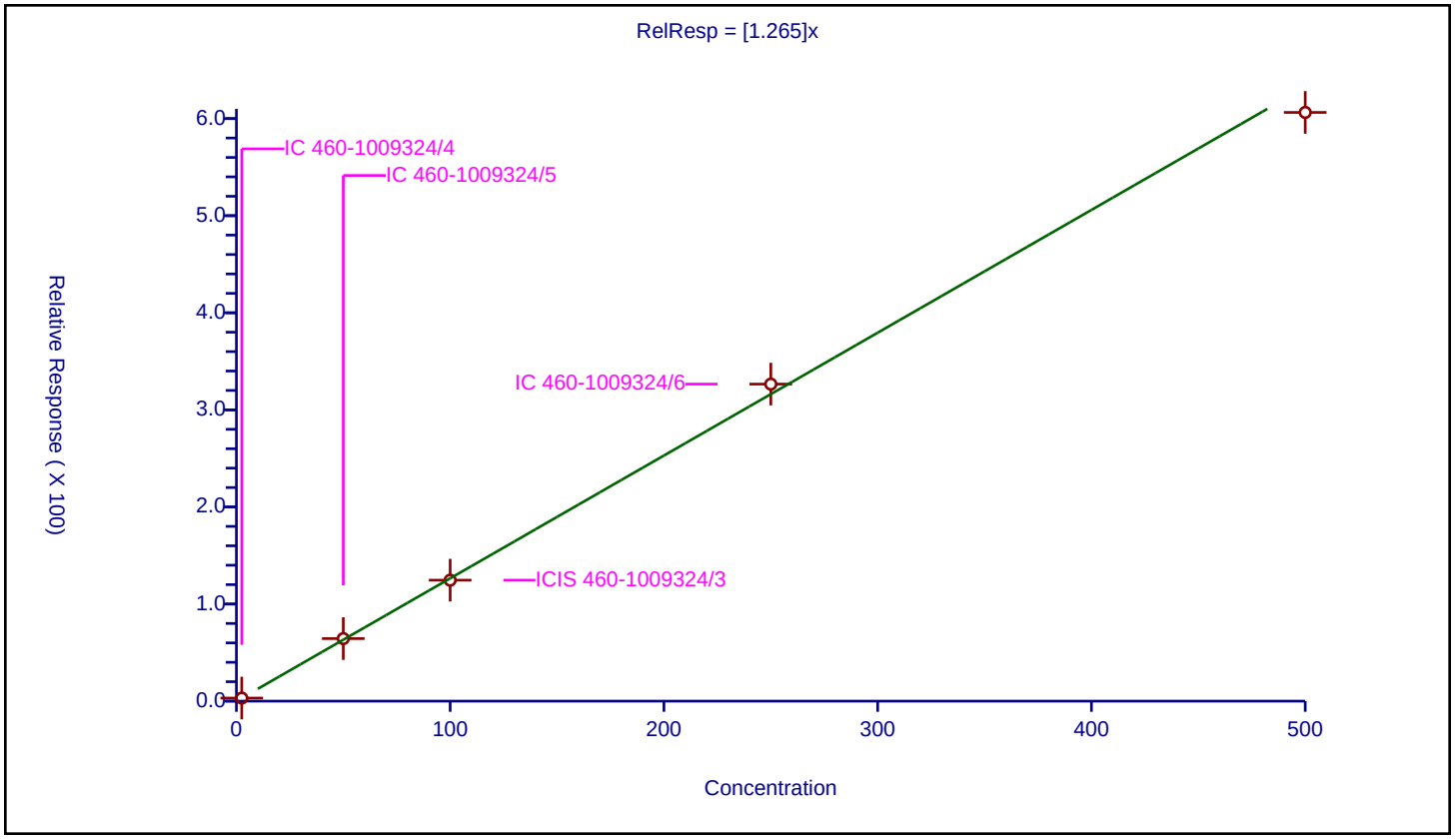
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.265 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.178249 | 100.0 | 137178700.0 | 1.271299 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 64.414034 | 100.0 | 141404006.0 | 1.288281 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 124.574109 | 100.0 | 131876887.0 | 1.245741 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 326.541605 | 100.0 | 140147347.0 | 1.306166 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 606.343797 | 100.0 | 138199770.0 | 1.212688 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

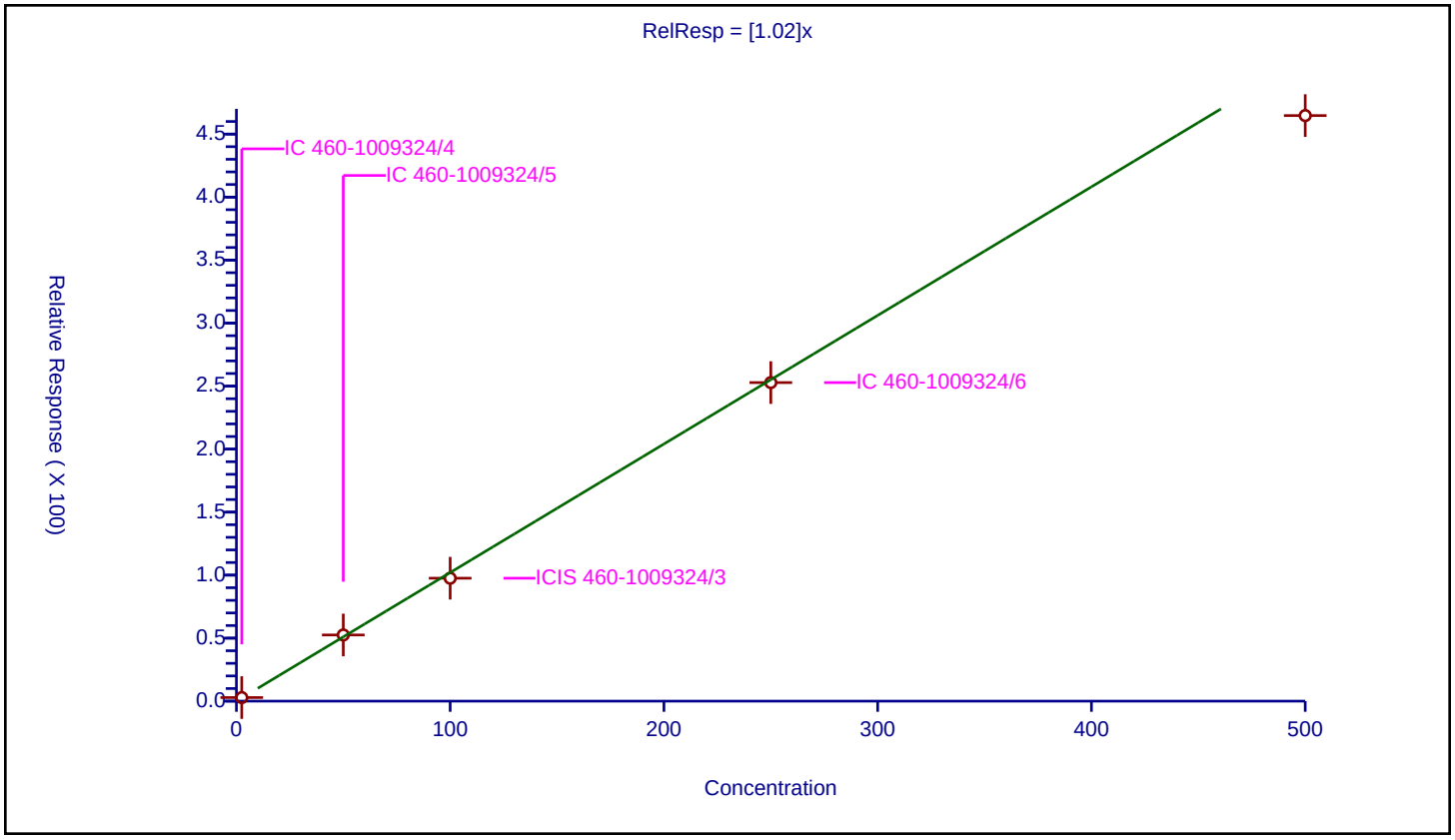
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.02 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 2.838576 | 100.0 | 137178700.0 | 1.13543 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 52.52371 | 100.0 | 141404006.0 | 1.050474 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 97.546339 | 100.0 | 131876887.0 | 0.975463 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 252.801541 | 100.0 | 140147347.0 | 1.011206 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 464.697189 | 100.0 | 138199770.0 | 0.929394 | Y |



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## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

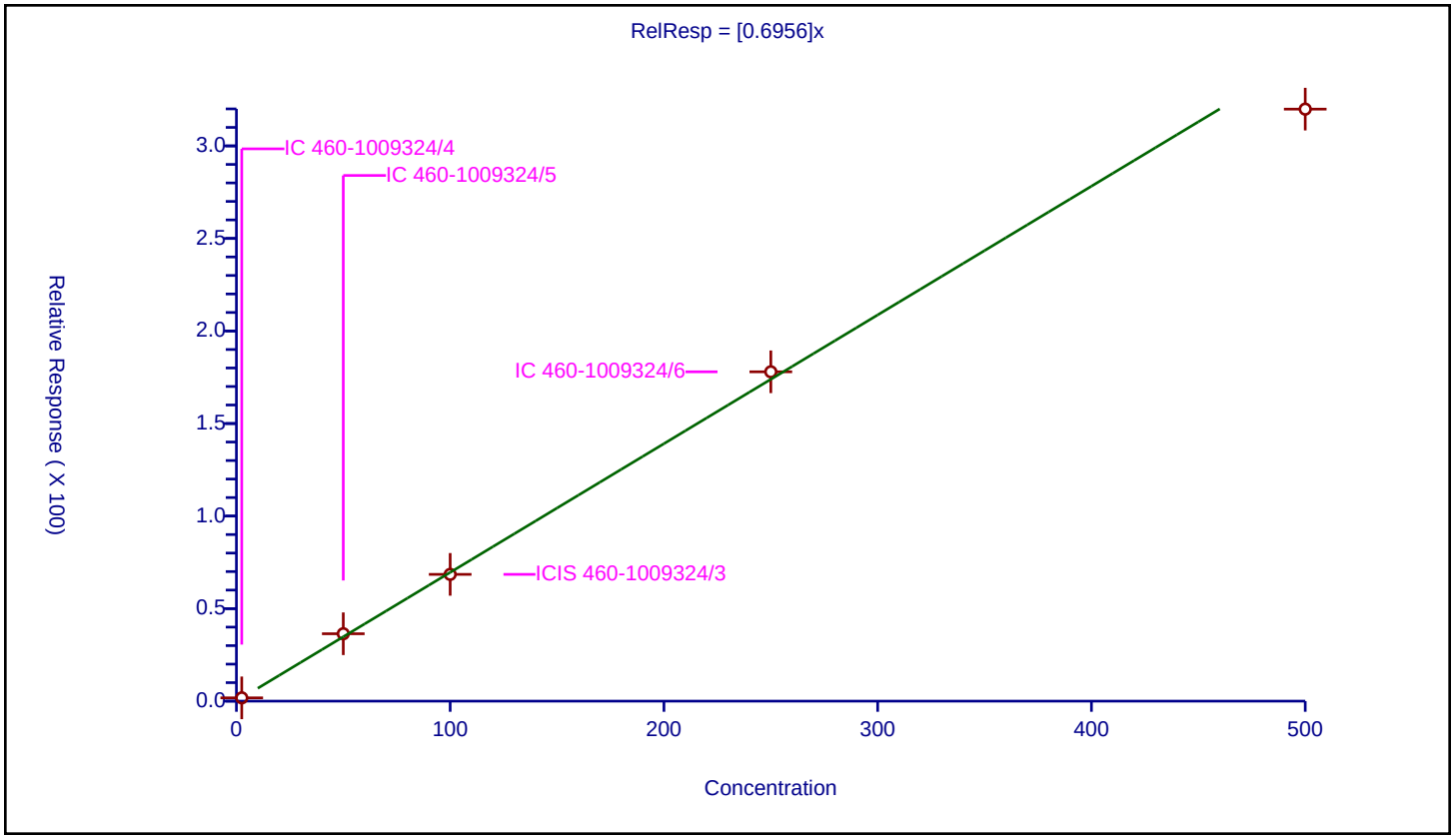
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6956 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 1.782686 | 100.0 | 137178700.0 | 0.713075 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 36.418641 | 100.0 | 141404006.0 | 0.728373 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 68.488082 | 100.0 | 131876887.0 | 0.684881 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 177.942286 | 100.0 | 140147347.0 | 0.711769 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 319.865587 | 100.0 | 138199770.0 | 0.639731 | Y |



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## Calibration / Mirex

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

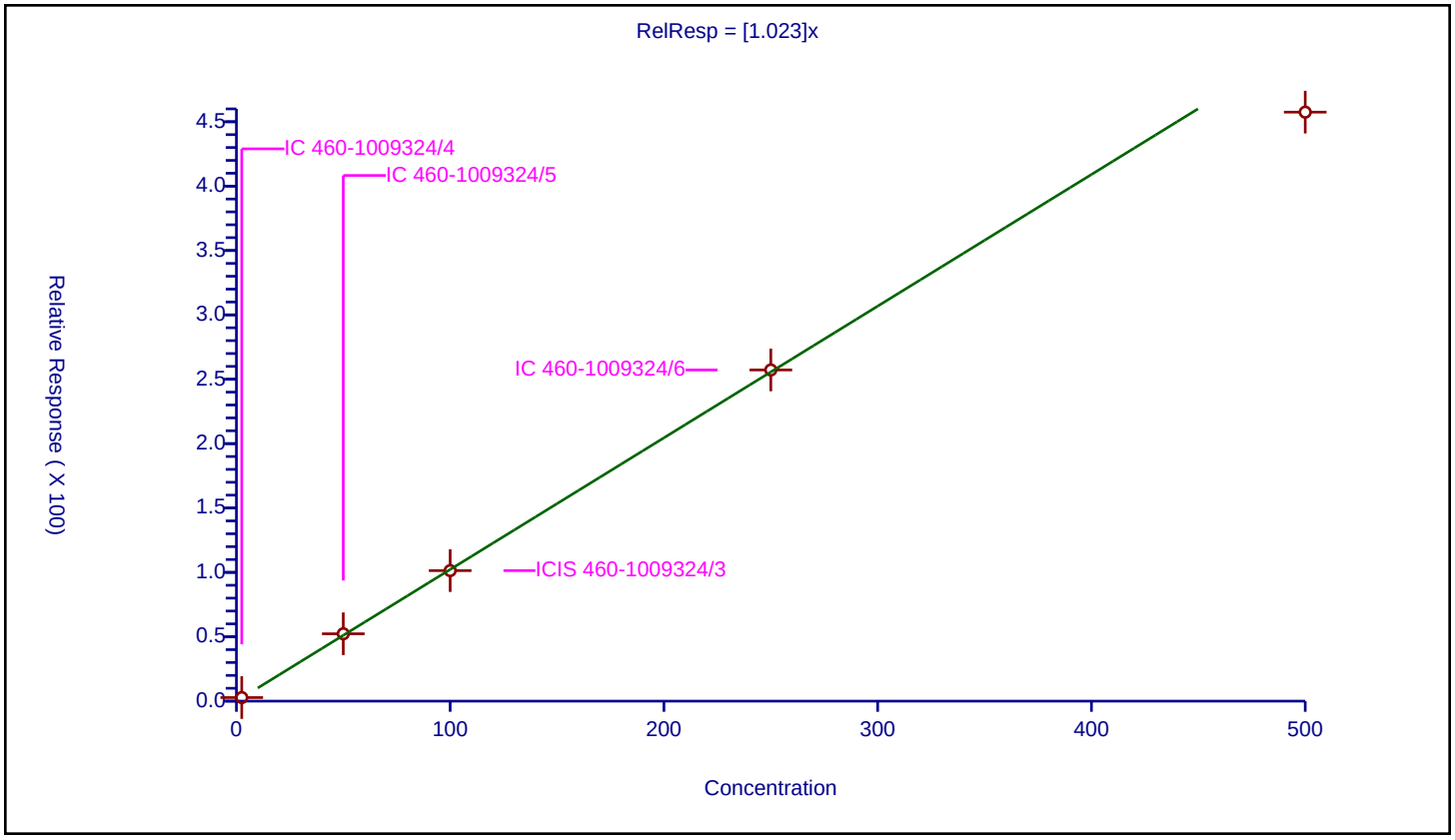
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.023 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 2.77277 | 100.0 | 137178700.0 | 1.109108 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 52.323155 | 100.0 | 141404006.0 | 1.046463 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 101.372355 | 100.0 | 131876887.0 | 1.013724 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 257.228523 | 100.0 | 140147347.0 | 1.028914 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 457.476282 | 100.0 | 138199770.0 | 0.914953 | Y |



## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

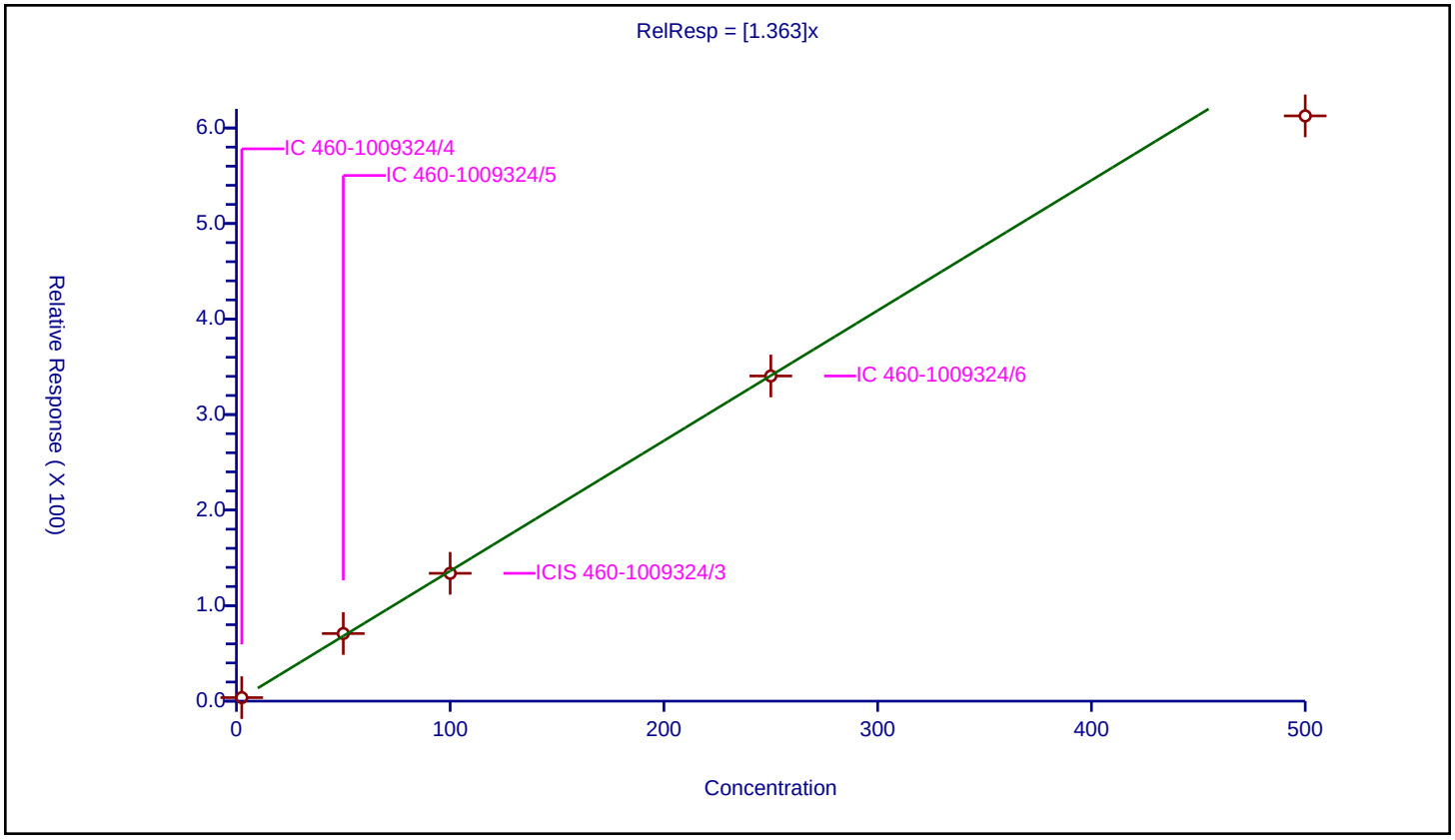
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.363 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 3.687075 | 100.0 | 137178700.0 | 1.47483 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 70.780597 | 100.0 | 141404006.0 | 1.415612 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 133.825762 | 100.0 | 131876887.0 | 1.338258 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 340.40439 | 100.0 | 140147347.0 | 1.361618 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 612.653195 | 100.0 | 138199770.0 | 1.225306 | Y |



## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

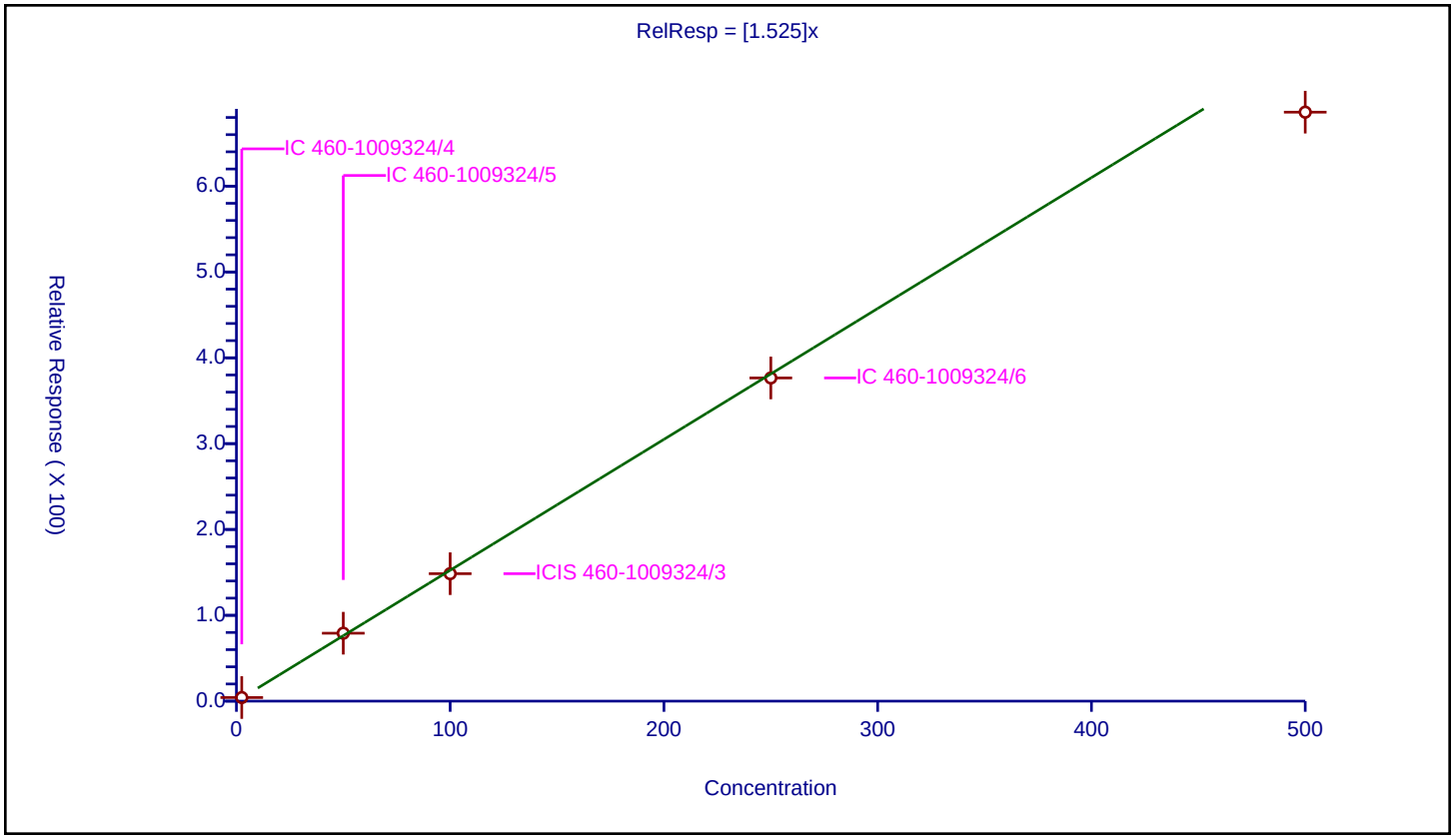
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.525 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 2.5 | 4.193806 | 100.0 | 137178700.0 | 1.677523 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 79.156387 | 100.0 | 141404006.0 | 1.583128 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 148.499587 | 100.0 | 131876887.0 | 1.484996 | Y |
| 4 | IC 460-1009324/6 | 250.0 | 376.532469 | 100.0 | 140147347.0 | 1.50613 | Y |
| 5 | IC 460-1009324/7 | 500.0 | 686.193217 | 100.0 | 138199770.0 | 1.372386 | Y |



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## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

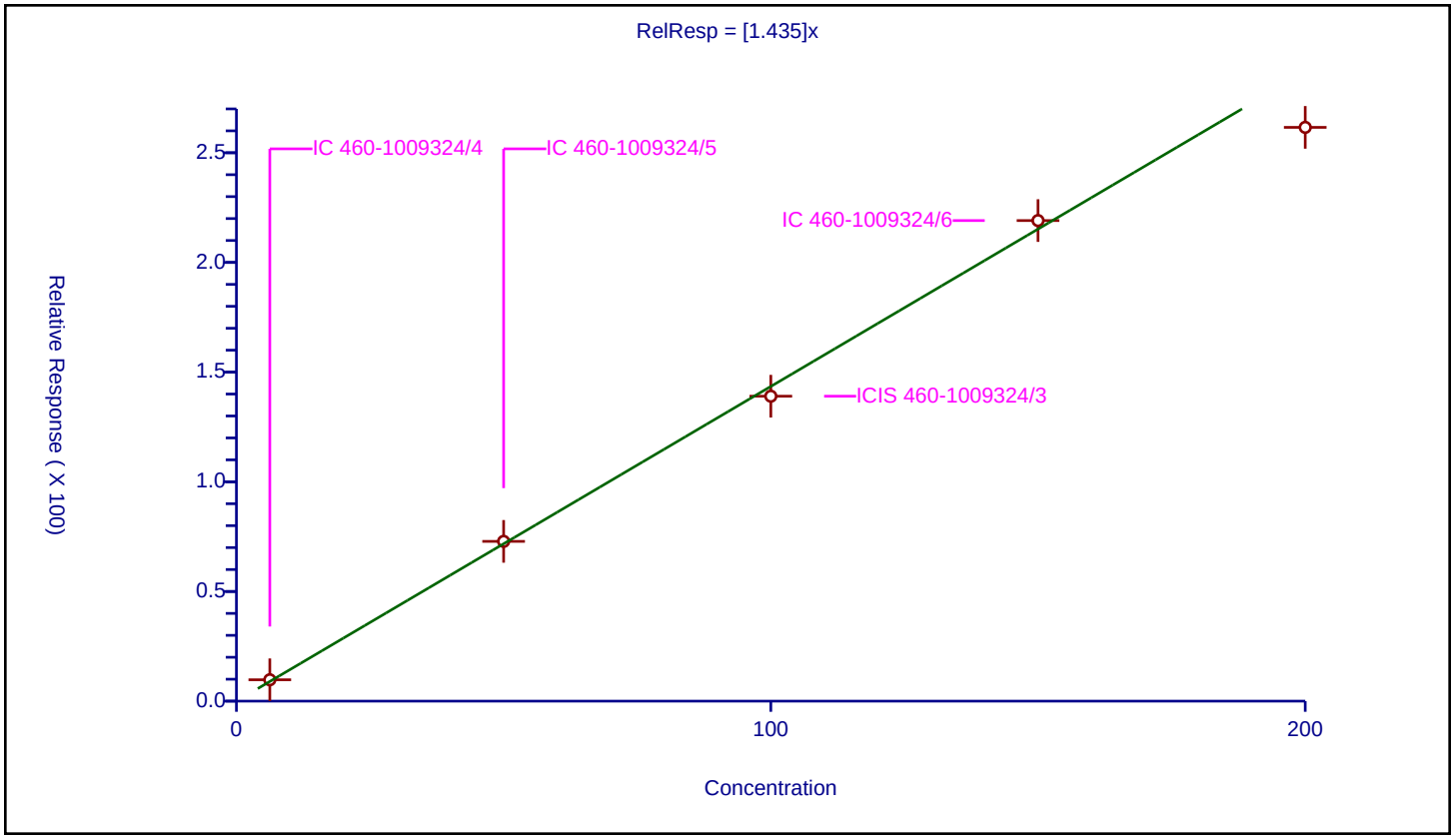
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1009324/4 | 6.25 | 9.739087 | 100.0 | 137178700.0 | 1.558254 | Y |
| 2 | IC 460-1009324/5 | 50.0 | 72.837057 | 100.0 | 141404006.0 | 1.456741 | Y |
| 3 | ICIS 460-1009324/3 | 100.0 | 139.017861 | 100.0 | 131876887.0 | 1.390179 | Y |
| 4 | IC 460-1009324/6 | 150.0 | 219.087527 | 100.0 | 140147347.0 | 1.460584 | Y |
| 5 | IC 460-1009324/7 | 200.0 | 261.571326 | 100.0 | 138199770.0 | 1.307857 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017418

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 09:22 Calibration End Date: 01/21/2025 10:14 Calibration ID: 99911

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017418/4 | 5F0977418.D |
| Level 2 | IC 460-1017418/5 | 5F0977419.D |
| Level 3 | ICIS 460-1017418/3 | 5F0977417.D |
| Level 4 | IC 460-1017418/6 | 5F0977420.D |
| Level 5 | IC 460-1017418/7 | 5F0977421.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.3406 | 1.6106 | 1.6304 | 1.7503 | 2.1321 | Ave | | 1.6928 | | | | 17.0 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.2623 | 1.4972 | 1.5035 | 1.6120 | 1.9461 | Ave | | 1.5642 | | | | 15.9 | | 20.0 | | | |
| beta-BHC | 0.6615 | 0.6451 | 0.6238 | 0.6454 | 0.7727 | Ave | | 0.6697 | | | | 8.8 | | 20.0 | | | |
| delta-BHC | 1.4459 | 1.4627 | 1.4772 | 1.6144 | 1.9897 | Ave | | 1.5980 | | | | 14.3 | | 20.0 | | | |
| Heptachlor | 1.5623 | 1.4623 | 1.4407 | 1.5451 | 1.8630 | Ave | | 1.5747 | | | | 10.8 | | 20.0 | | | |
| Aldrin | 1.3508 | 1.4559 | 1.4420 | 1.5657 | 1.9140 | Ave | | 1.5457 | | | | 14.2 | | 20.0 | | | |
| Heptachlor epoxide | 1.2843 | 1.2974 | 1.2394 | 1.3170 | 1.5967 | Ave | | 1.3470 | | | | 10.6 | | 20.0 | | | |
| trans-Chlordane | 1.3070 | 1.2863 | 1.2624 | 1.3650 | 1.6724 | Ave | | 1.3786 | | | | 12.2 | | 20.0 | | | |
| cis-Chlordane | 1.1677 | 1.2730 | 1.2298 | 1.3072 | 1.6274 | Ave | | 1.3210 | | | | 13.6 | | 20.0 | | | |
| Endosulfan I | 1.1308 | 1.2294 | 1.1999 | 1.2806 | 1.5119 | Ave | | 1.2705 | | | | 11.4 | | 20.0 | | | |
| 4,4'-DDE | 1.1362 | 1.3150 | 1.2774 | 1.4145 | 1.7354 | Ave | | 1.3757 | | | | 16.3 | | 20.0 | | | |
| Dieldrin | 1.1401 | 1.4611 | 1.4109 | 1.5249 | 1.8383 | Ave | | 1.4751 | | | | 17.0 | | 20.0 | | | |
| Endrin | 1.2157 | 1.3113 | 1.2742 | 1.3626 | 1.6832 | Ave | | 1.3694 | | | | 13.4 | | 20.0 | | | |
| 4,4'-DDD | 1.1998 | 1.2271 | 1.1898 | 1.2918 | 1.8184 | Ave | | 1.3454 | | | | 19.9 | | 20.0 | | | |
| Endosulfan II | 1.8338 | 1.3156 | 1.2742 | 1.3200 | 1.2053 | Ave | | 1.3898 | | | | 18.2 | | 20.0 | | | |
| 4,4'-DDT | 0.9564 | 0.9512 | 0.9817 | 1.1331 | 1.4182 | Ave | | 1.0881 | | | | 18.3 | | 20.0 | | | |
| Endrin aldehyde | 1.3806 | 1.0112 | 0.9661 | 0.9964 | 1.2194 | Ave | | 1.1147 | | | | 16.1 | | 20.0 | | | |
| Endosulfan sulfate | 1.5618 | 1.3382 | 1.2748 | 1.3384 | 1.6390 | Ave | | 1.4304 | | | | 11.2 | | 20.0 | | | |
| Methoxychlor | 0.4164 | 0.4898 | 0.4876 | 0.5525 | 0.6787 | Ave | | 0.5250 | | | | 18.8 | | 20.0 | | | |
| Mirex | 1.1712 | 1.1214 | 1.0531 | 1.0638 | 1.2782 | Ave | | 1.1375 | | | | 8.1 | | 20.0 | | | |
| Endrin ketone | 1.6557 | 1.5781 | 1.4901 | 1.5462 | 1.8694 | Ave | | 1.6279 | | | | 9.1 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.0293 | 0.9899 | 0.9927 | 1.0815 | 1.2543 | Ave | | 1.0695 | | | | 10.3 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.7665 | 1.5491 | 1.4308 | 1.5680 | 1.8227 | Ave | | 1.6274 | | | | 10.0 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017418

SDG No.:

Instrument ID: CPESTGC5 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 09:22 | Calibration End Date: 01/21/2025 10:14 | Calibration ID: 99911

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017418/4 | 5F0977418.D |
| Level 2 | IC 460-1017418/5 | 5F0977419.D |
| Level 3 | ICIS 460-1017418/3 | 5F0977417.D |
| Level 4 | IC 460-1017418/6 | 5F0977420.D |
| Level 5 | IC 460-1017418/7 | 5F0977421.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 934031 | 26074803 | 52719378 | 143204324 | 245319192 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 879459 | 24240123 | 48615515 | 131888517 | 223914787 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 460878 | 10444082 | 20170053 | 52808915 | 88904240 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 1007400 | 23681347 | 47766394 | 132087052 | 228927577 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 1088439 | 23674875 | 46585502 | 126417440 | 214357275 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 941147 | 23570808 | 46627163 | 128102929 | 220215069 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 894787 | 21005370 | 40074950 | 107752530 | 183713123 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 910600 | 20824359 | 40819174 | 111682551 | 192417815 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 813553 | 20609012 | 39766807 | 106950375 | 187249430 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 787835 | 19904625 | 38797834 | 104773418 | 173959783 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 791615 | 21290367 | 41304622 | 115733016 | 199675232 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 794350 | 23655617 | 45621060 | 124765008 | 211514978 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 847005 | 21229999 | 41200503 | 111487795 | 193668893 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 835915 | 19866689 | 38472265 | 105689405 | 209225178 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 1277602 | 21298881 | 41200508 | 108003435 | 138681309 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 666319 | 15400372 | 31742839 | 92711012 | 163178539 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 961867 | 16371647 | 31239736 | 81524577 | 140296185 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 1088125 | 21665234 | 41221068 | 109504079 | 188579291 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 290098 | 7930437 | 15765910 | 45208215 | 78090513 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 815972 | 18155226 | 34051508 | 87040666 | 147065872 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 1153553 | 25549721 | 48181071 | 126503913 | 215086057 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 1792728 | 16026507 | 32099698 | 53090052 | 57728760 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 3076788 | 25079689 | 46264954 | 76975251 | 83883972 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Lims ID: ICIS
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 21-Jan-2025 09:22:16 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 21-Jan-2025 09:57:22

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.509 | 1.509 | 0.000 | 32334899 | 100.0 | 100.0 | M |
| 2 | 1.612 | 1.612 | 0.000 | 53091646 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 32099698 | 100.0 | 92.8 | |
| 2 | 1.999 | 1.999 | 0.000 | 58794244 | 100.0 | 91.3 | |
| | | | | | | RPD = 1.69 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 52719378 | 100.0 | 96.3 | |
| 2 | 2.334 | 2.334 | 0.000 | 93360054 | 100.0 | 96.6 | |
| | | | | | | RPD = 0.33 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.738 | 2.738 | 0.000 | 48615515 | 100.0 | 96.1 | M |
| 2 | 2.551 | 2.551 | 0.000 | 86065351 | 100.0 | 96.5 | M |
| | | | | | | RPD = 0.42 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 20170053 | 100.0 | 93.1 | M |
| 2 | 2.604 | 2.604 | 0.000 | 37204519 | 100.0 | 94.9 | M |
| | | | | | | RPD = 1.91 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.092 | 3.092 | 0.000 | 47766394 | 100.0 | 92.4 | M |
| 2 | 2.744 | 2.744 | 0.000 | 86328847 | 100.0 | 95.9 | |
| | | | | | | RPD = 3.72 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.167 | 3.167 | 0.000 | 46585502 | 100.0 | 91.5 | M |
| 2 | 2.925 | 2.925 | 0.000 | 89462431 | 100.0 | 95.0 | |
| | | | | | | RPD = 3.76 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 46627163 | 100.0 | 93.3 | |
| 2 | 3.194 | 3.194 | 0.000 | 89755881 | 100.0 | 96.1 | |
| | | | | | | RPD = 3.02 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.207 | 0.000 | 40074950 | 100.0 | 92.0 | |
| 2 | 3.814 | 3.814 | 0.000 | 78892291 | 100.0 | 93.6 | |
| | | | | | | RPD = 1.68 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 40819174 | 100.0 | 91.6 | |
| 2 | 3.945 | 3.945 | 0.000 | 80393781 | 100.0 | 93.6 | |
| | | | | | | RPD = 2.23 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.624 | 4.624 | 0.000 | 39766807 | 100.0 | 93.1 | M |
| 2 | 4.084 | 4.084 | 0.000 | 77634753 | 100.0 | 95.5 | |
| | | | | | | RPD = 2.54 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 38797834 | 100.0 | 94.4 | M |
| 2 | 4.231 | 4.231 | 0.000 | 75096504 | 100.0 | 99.1 | |
| | | | | | | RPD = 4.83 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.824 | 4.824 | 0.000 | 41304622 | 100.0 | 92.9 | M |
| 2 | 4.165 | 4.165 | 0.000 | 78714866 | 100.0 | 99.0 | |
| | | | | | | RPD = 6.38 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.985 | 4.985 | 0.000 | 45621060 | 100.0 | 95.6 | M |
| 2 | 4.504 | 4.504 | 0.000 | 83407827 | 100.0 | 97.3 | |
| | | | | | | RPD = 1.72 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 41200503 | 100.0 | 93.0 | M |
| 2 | 4.766 | 4.766 | 0.000 | 75133920 | 100.0 | 95.8 | |
| | | | | | | RPD = 2.93 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.382 | 0.000 | 38472265 | 100.0 | 88.4 | M |
| 2 | 4.843 | 4.843 | 0.000 | 65525462 | 100.0 | 98.2 | |
| | | | | | | RPD = 10.44 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.456 | 0.000 | 41200508 | 100.0 | 91.7 | M |
| 2 | 4.979 | 4.979 | 0.000 | 66738593 | 100.0 | 100.3 | |
| | | | | | | RPD = 8.95 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.661 | 0.000 | 31742839 | 100.0 | 90.2 | |
| 2 | 5.103 | 5.103 | 0.000 | 64619440 | 100.0 | 95.7 | |
| | | | | | | RPD = 5.94 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.756 | 0.000 | 31239736 | 100.0 | 86.7 | |
| 2 | 5.339 | 5.339 | 0.000 | 52426887 | 100.0 | 92.2 | |
| | | | | | | RPD = 6.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 41221068 | 100.0 | 89.1 | |
| 2 | 5.697 | 5.697 | 0.000 | 68430291 | 100.0 | 93.7 | |
| | | | | | | RPD = 4.97 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.463 | 6.463 | 0.000 | 15765910 | 100.0 | 92.9 | |
| 2 | 5.532 | 5.532 | 0.000 | 34509541 | 100.0 | 97.4 | |
| | | | | | | RPD = 4.76 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.580 | 6.580 | 0.000 | 34051508 | 100.0 | 92.6 | M |
| 2 | 5.600 | 5.600 | 0.000 | 54621400 | 100.0 | 95.5 | |
| | | | | | | RPD = 3.14 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 48181071 | 100.0 | 91.5 | M |
| 2 | 5.925 | 5.925 | 0.000 | 77504065 | 100.0 | 95.6 | |
| | | | | | | RPD = 4.31 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 46264954 | 100.0 | 87.9 | |
| 2 | 7.319 | 7.319 | 0.000 | 70701229 | 100.0 | 90.4 | |
| | | | | | | RPD = 2.81 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

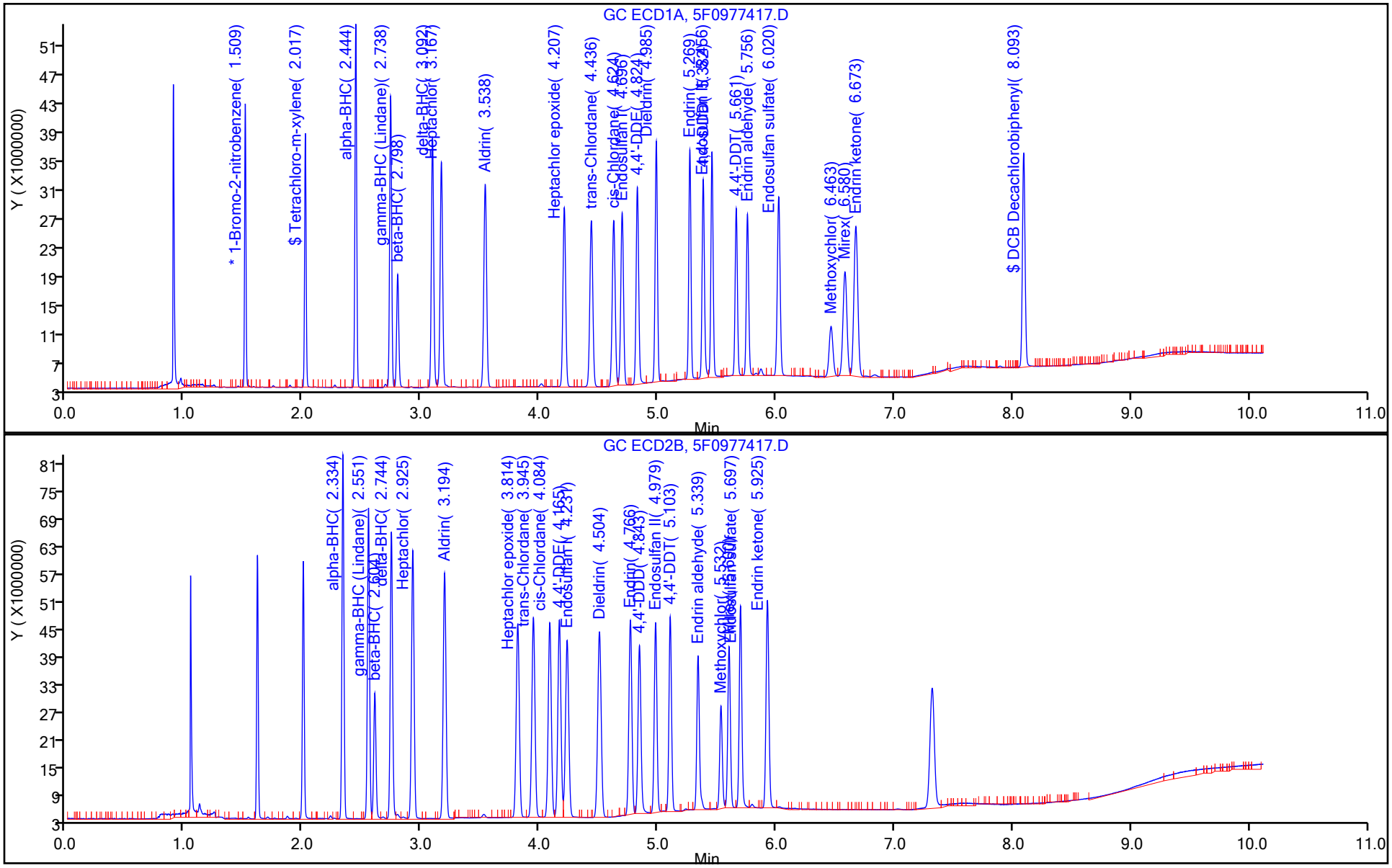
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 09:22:16 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

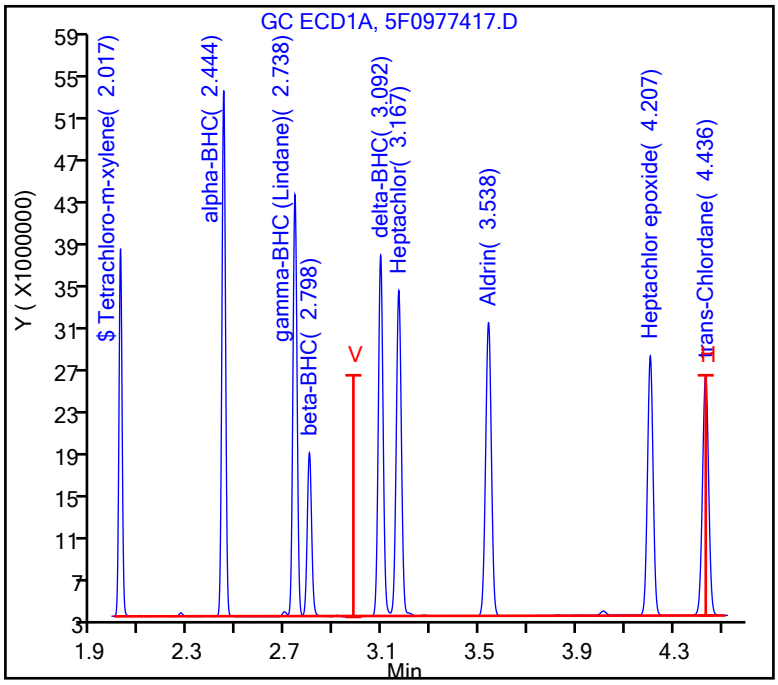
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 23013504
H(Smaller Peak Height) = 22877408

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

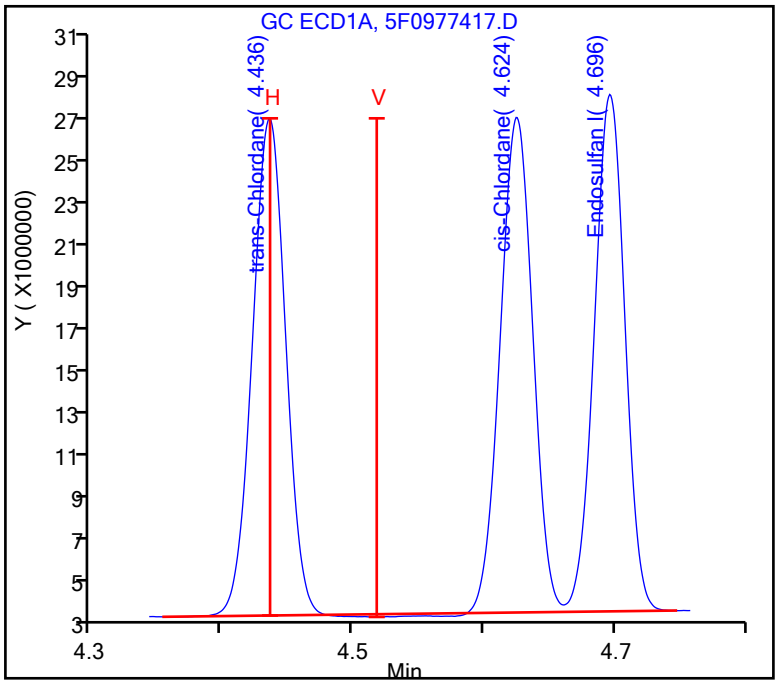
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 22874752
H(Smaller Peak Height) = 22808782

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

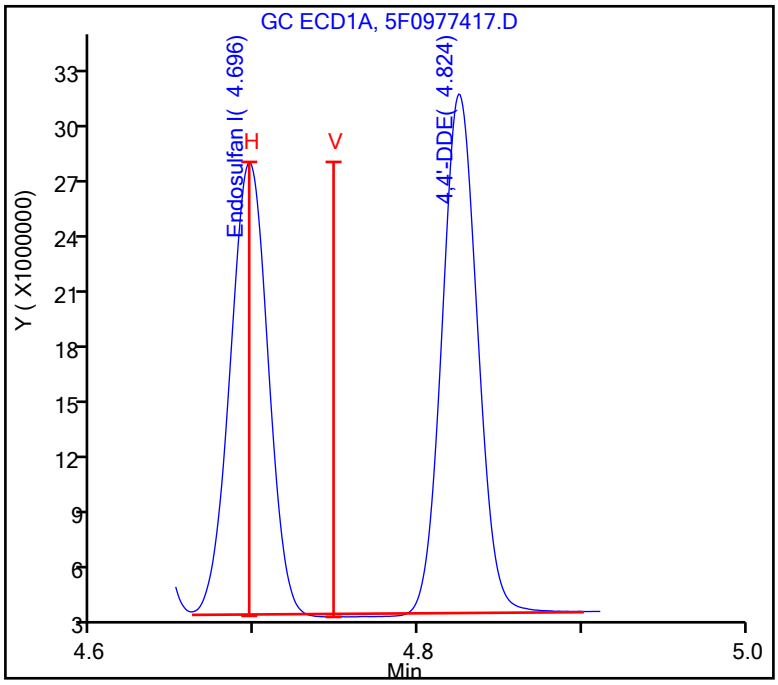
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 23682336
H(Smaller Peak Height) = 23737406

%Resolution = 99.8, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

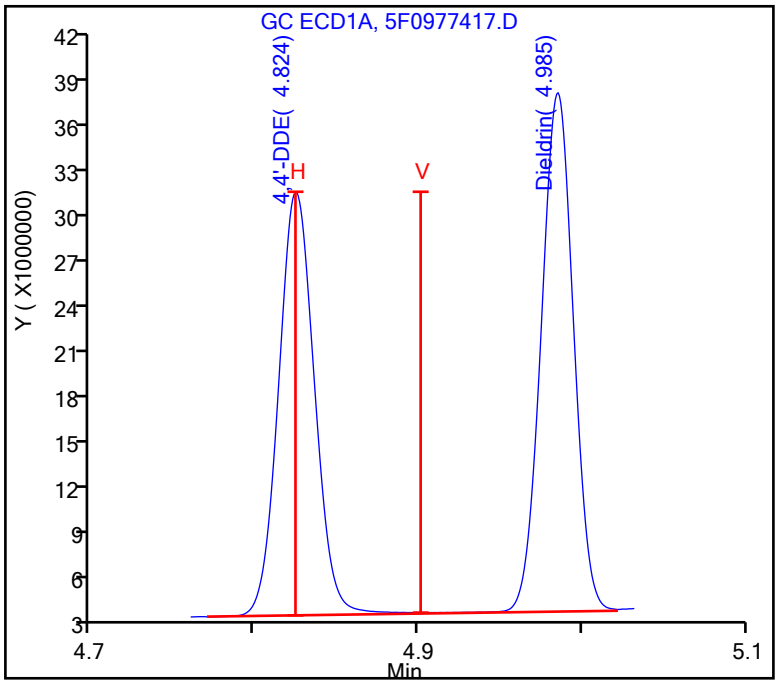
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 26933760
H(Smaller Peak Height) = 27107094

%Resolution = 99.4, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

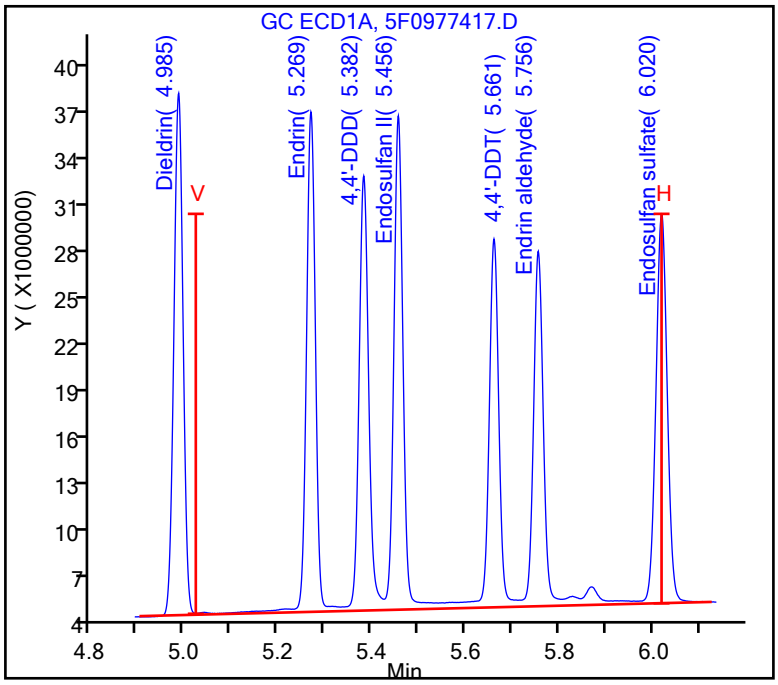
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 25404384
H(Smaller Peak Height) = 24739760

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

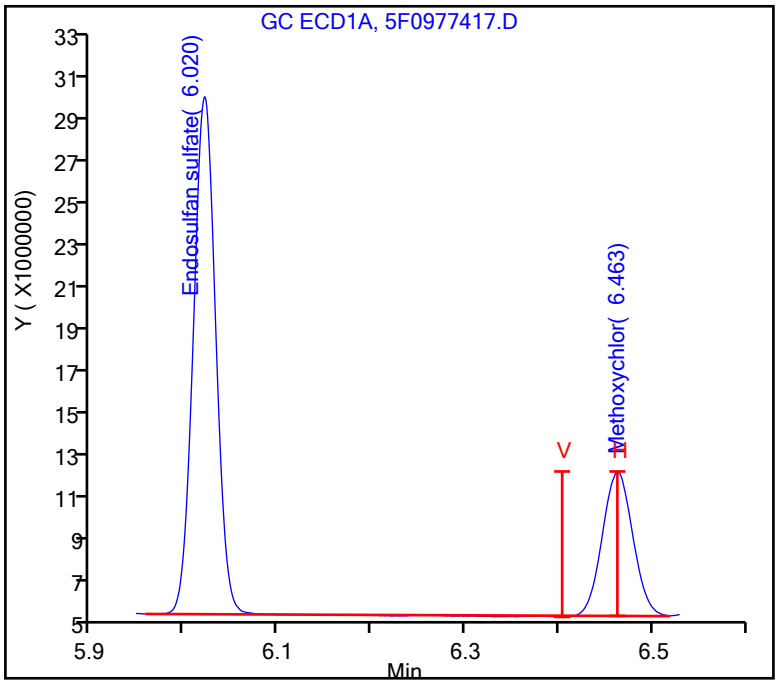
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 6924672
H(Smaller Peak Height) = 6876848

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

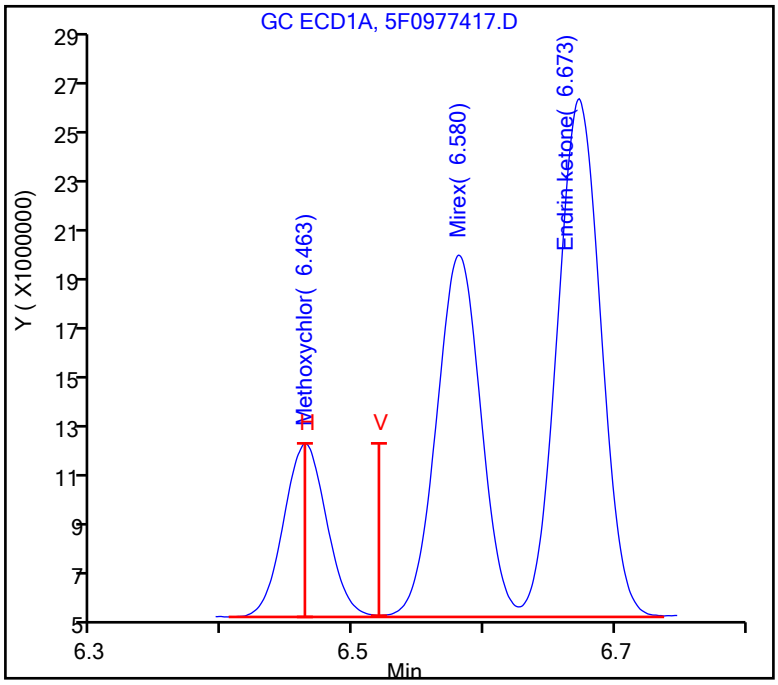
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 6872864
H(Smaller Peak Height) = 6924442

%Resolution = 99.3, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

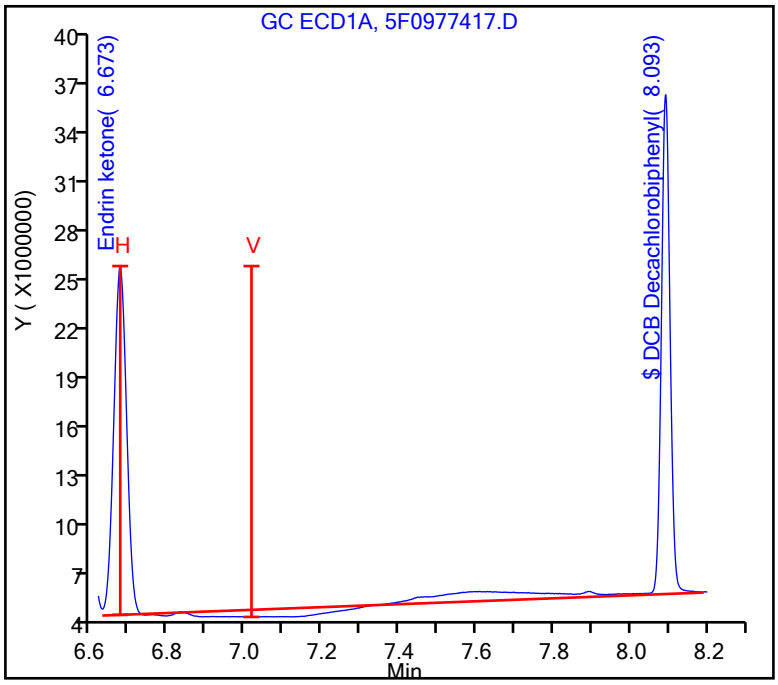
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 20735872
H(Smaller Peak Height) = 20612352

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

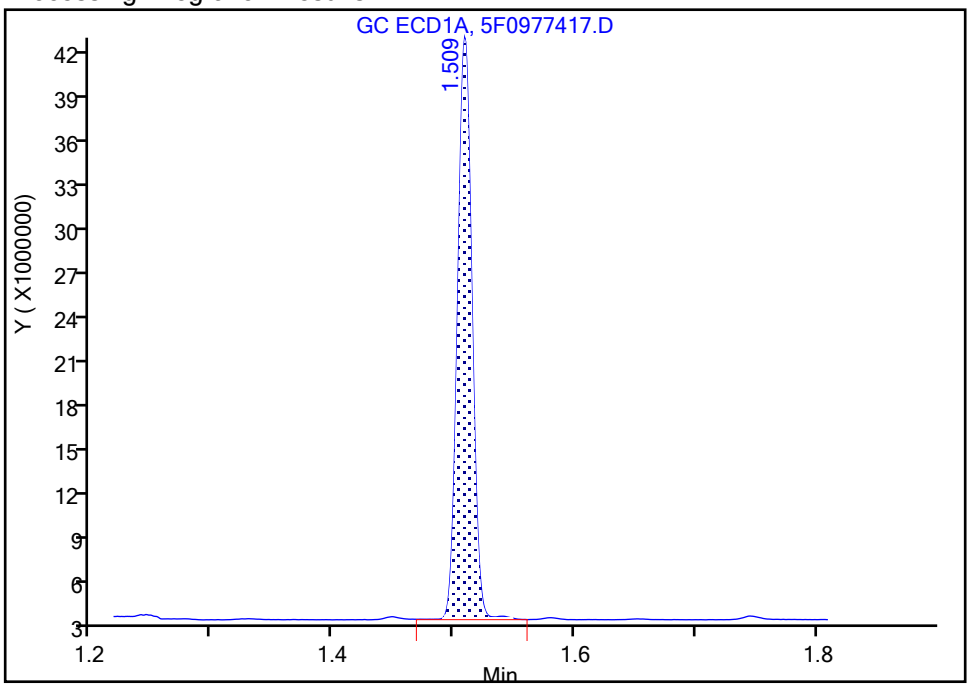
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## * 37 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

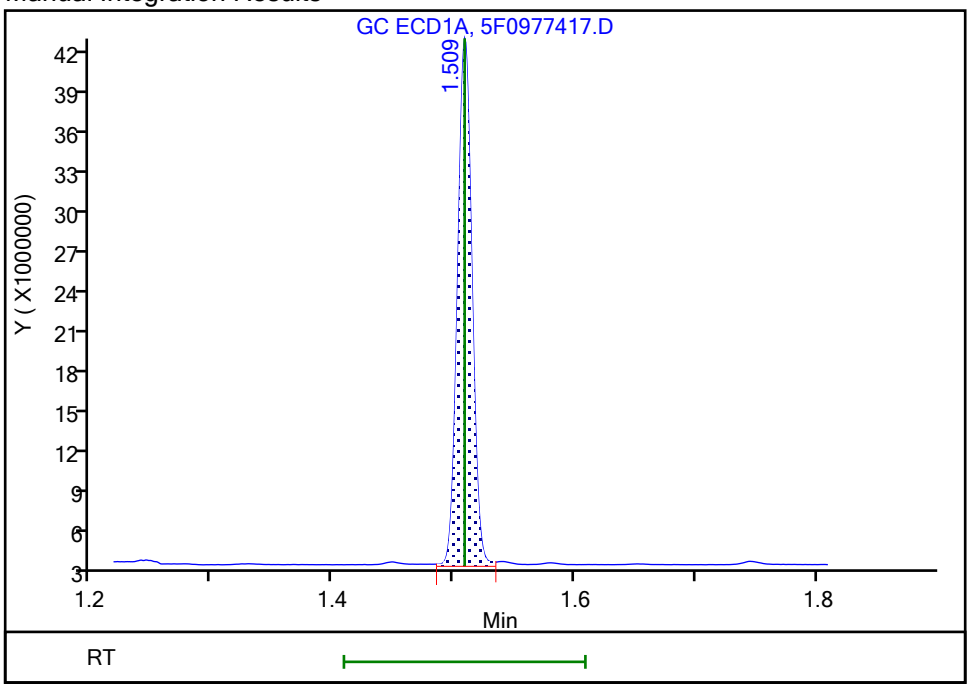
Processing Integration Results

RT: 1.51
Area: 32663719
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 1.51
Area: 32334899
Amount: 100.0000
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:25 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

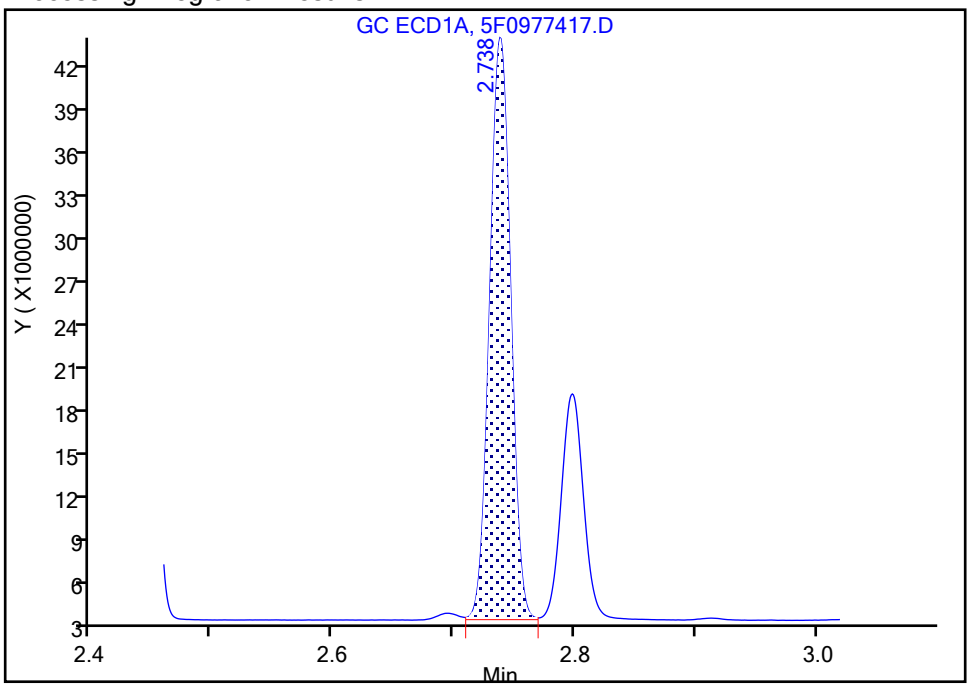
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

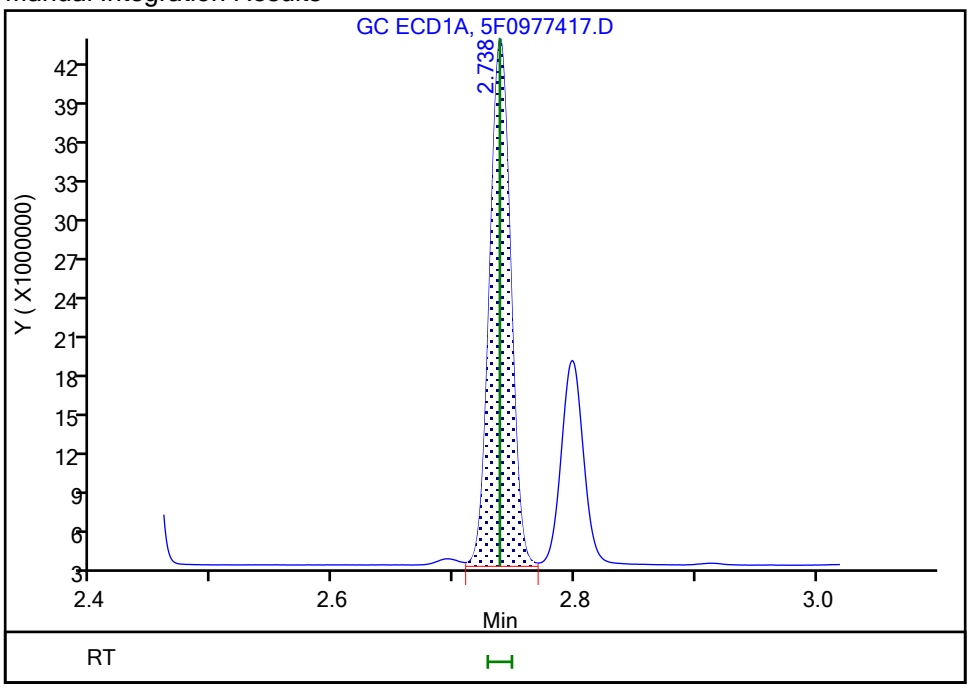
Processing Integration Results

RT: 2.74
Area: 48305501
Amount: 102.3028
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 48615515
Amount: 96.118050
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

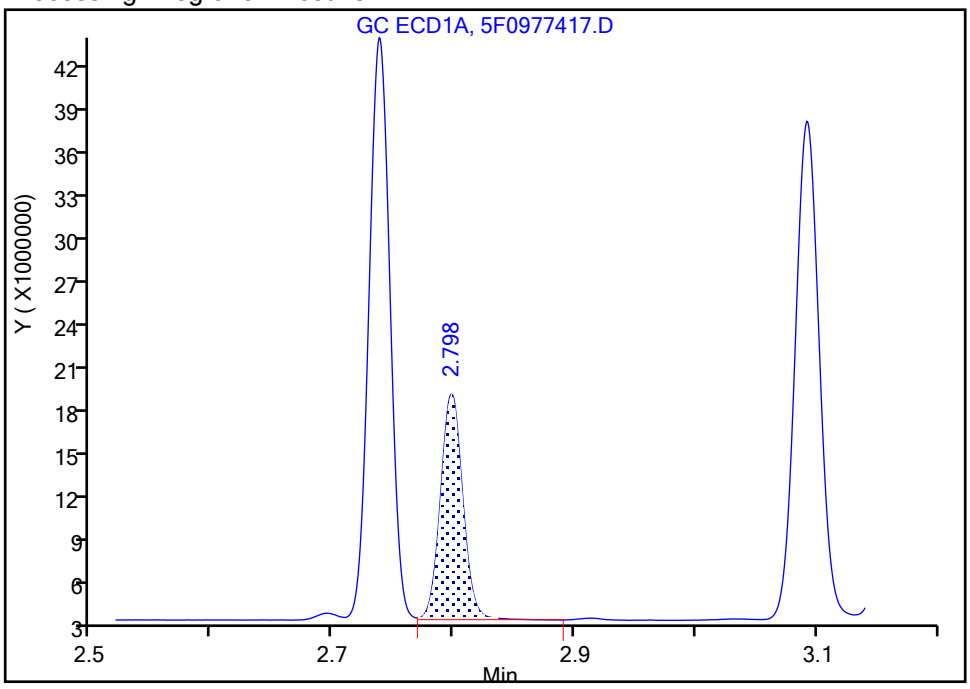
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

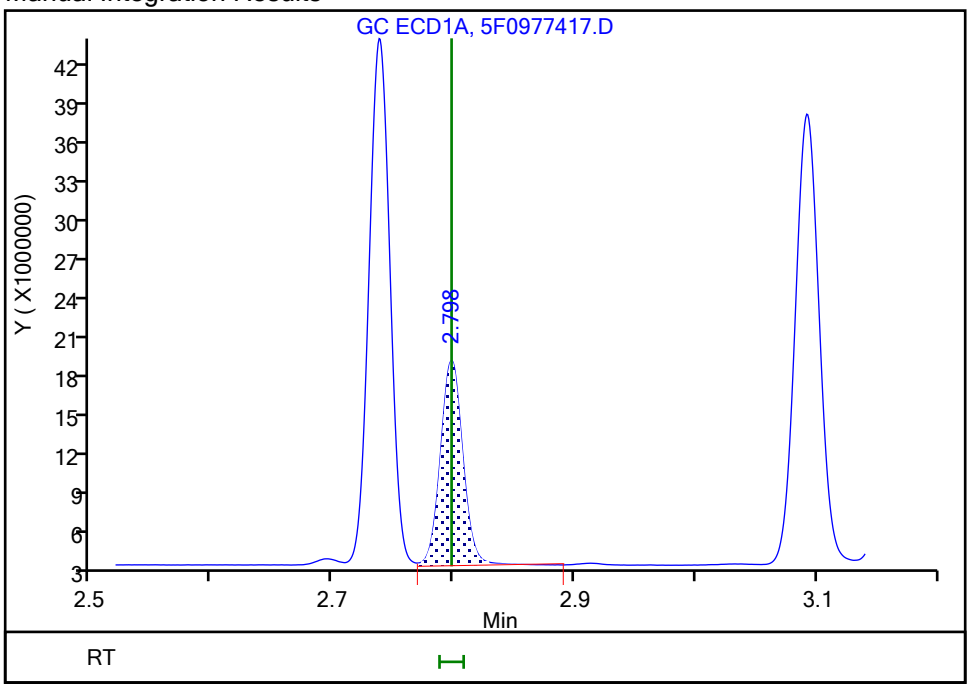
Processing Integration Results

RT: 2.80
Area: 19845354
Amount: 93.840685
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 20170053
Amount: 93.143453
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

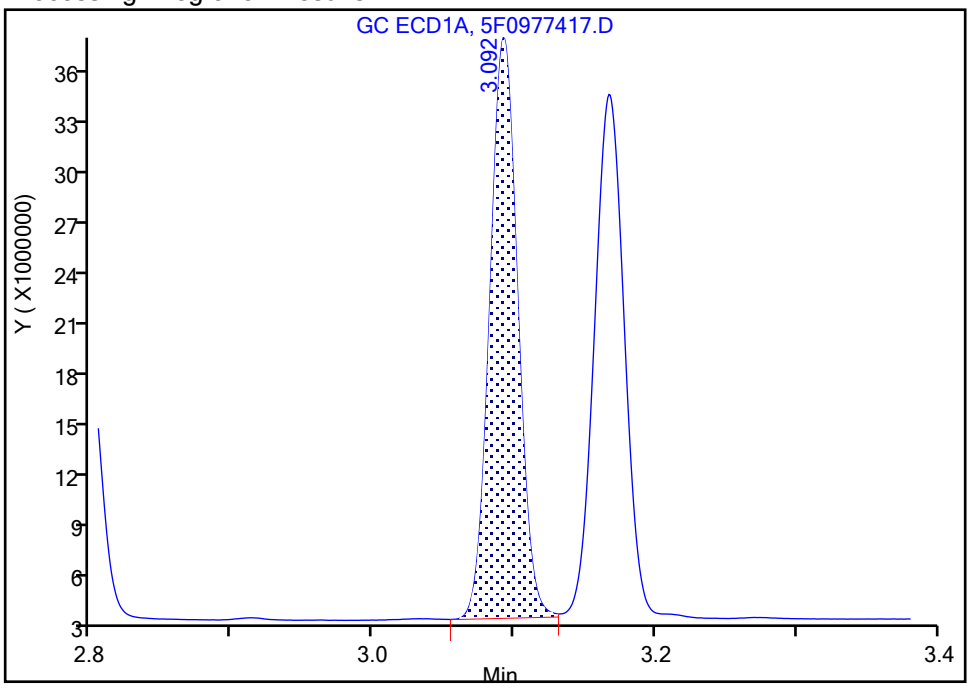
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

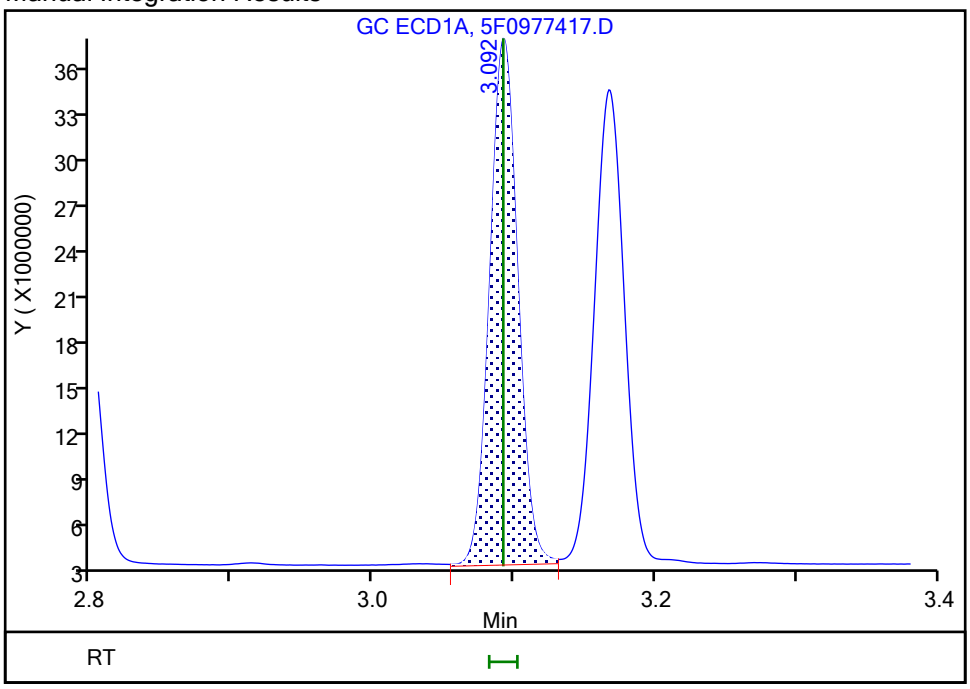
Processing Integration Results

RT: 3.09
Area: 47230858
Amount: 97.441995
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 47766394
Amount: 92.443412
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

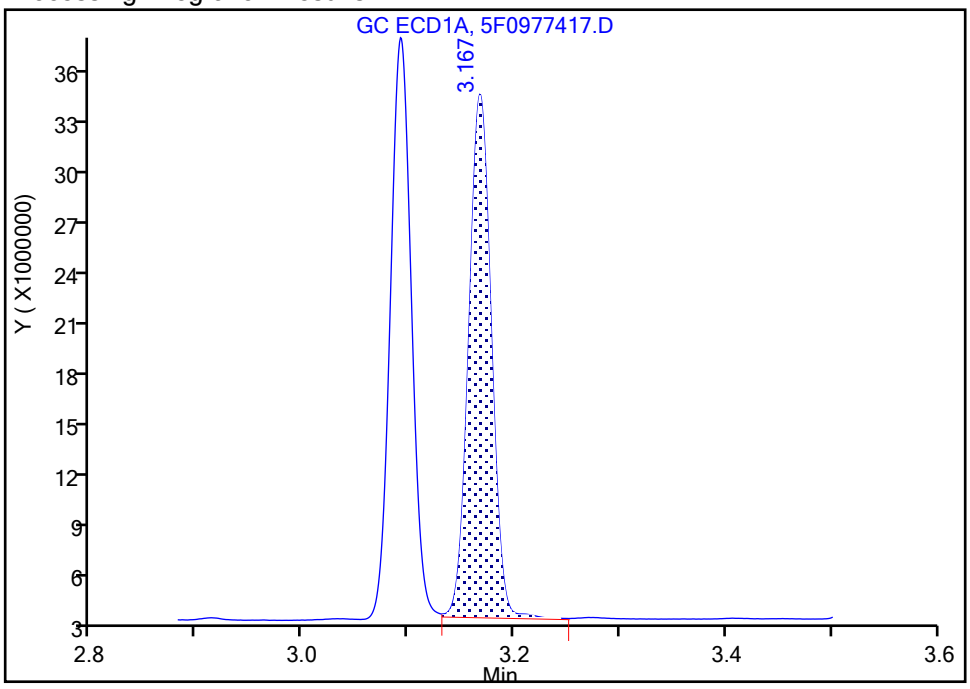
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

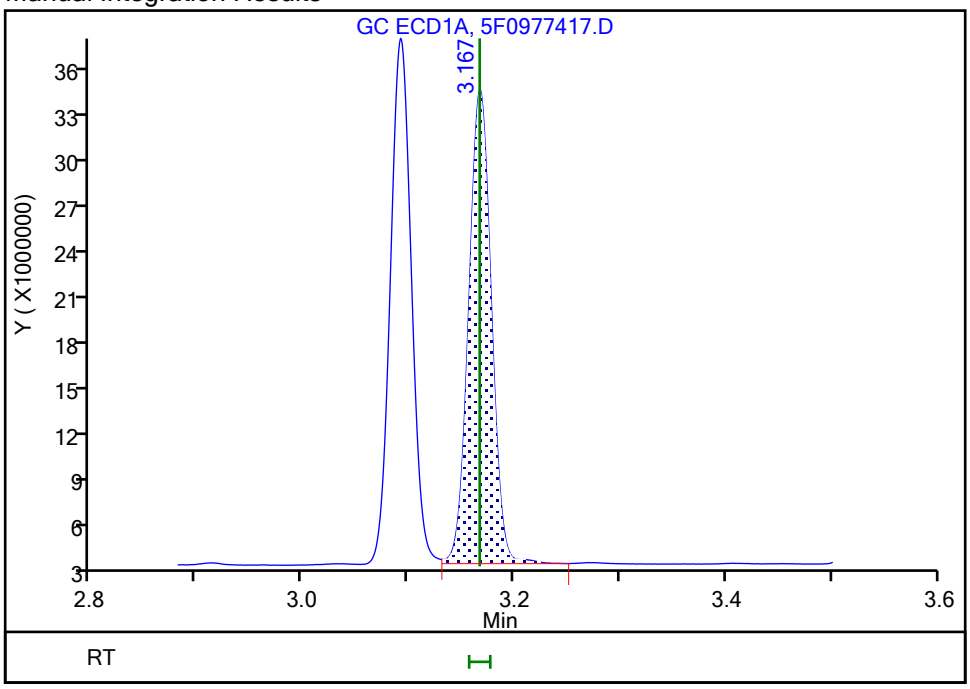
Processing Integration Results

RT: 3.17
Area: 45674249
Amount: 99.050874
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 46585502
Amount: 91.492415
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

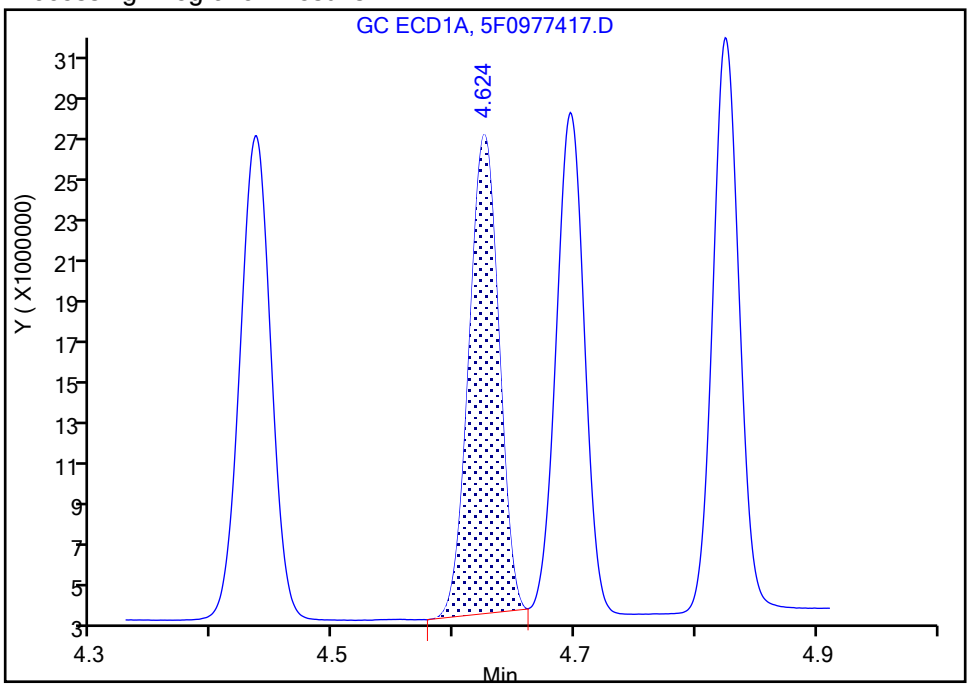
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

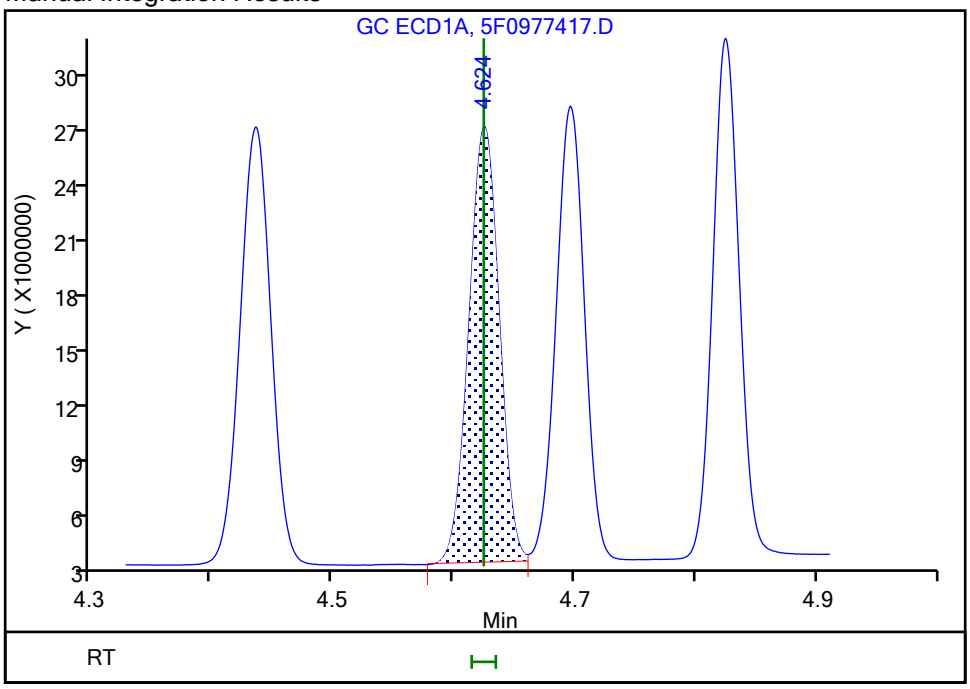
Processing Integration Results

RT: 4.62
Area: 39139774
Amount: 99.069062
Amount Units: ug/l




Manual Integration Results

RT: 4.62
Area: 39766807
Amount: 93.097786
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:44 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

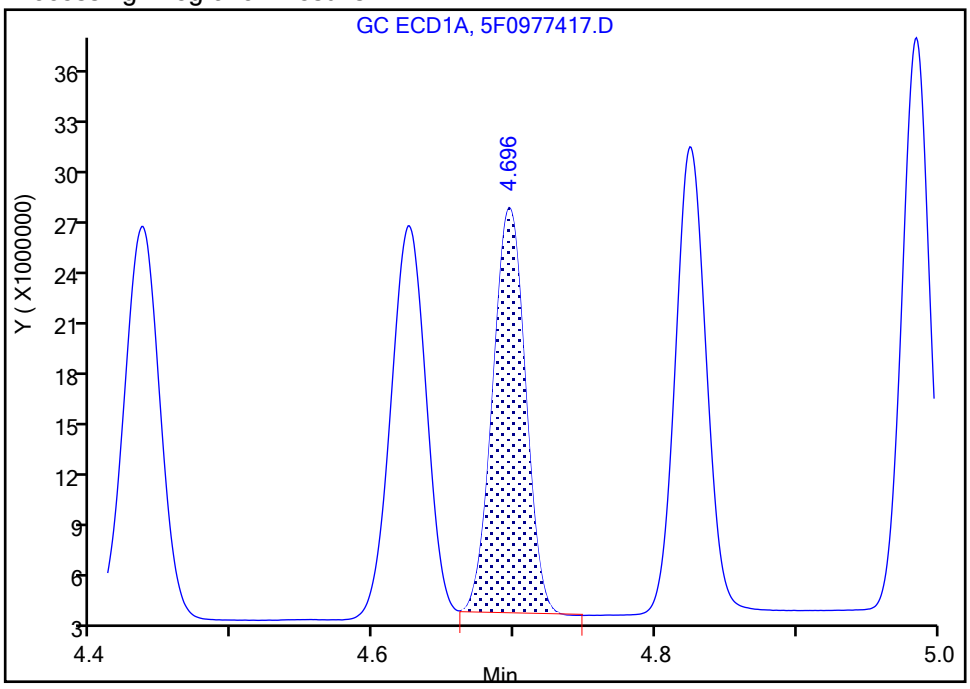
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

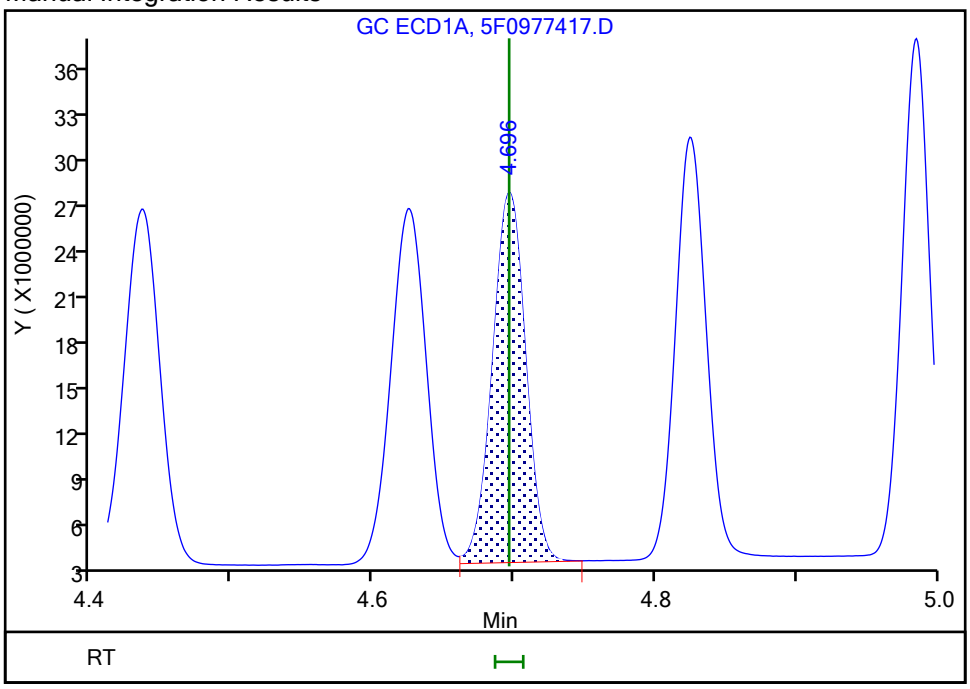
Processing Integration Results

RT: 4.70
Area: 38062701
Amount: 100.3900
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 38797834
Amount: 94.439557
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:44 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

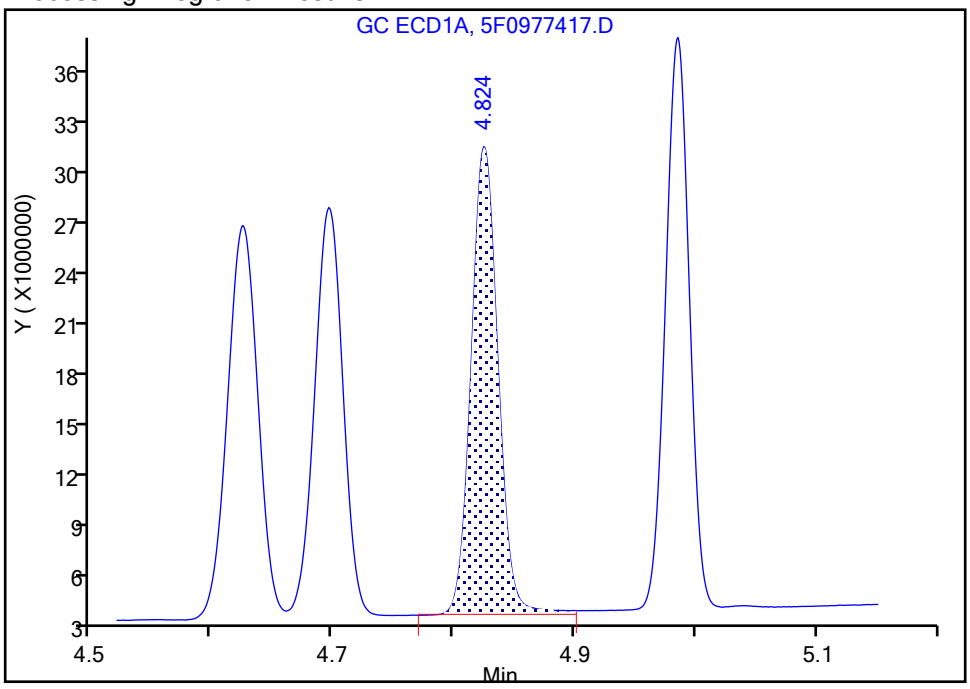
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

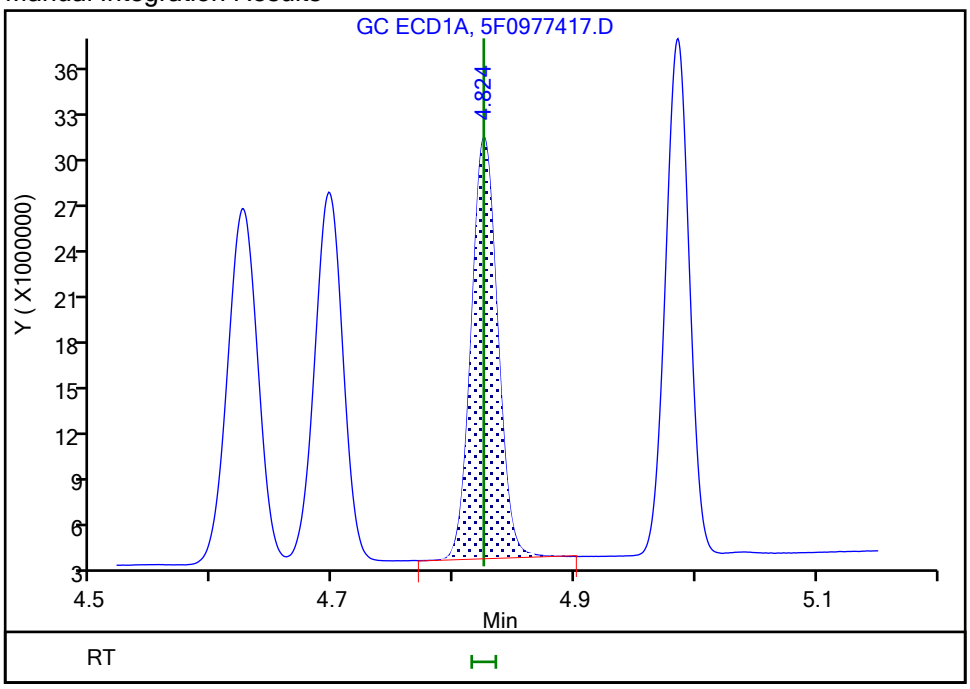
Processing Integration Results

RT: 4.82
Area: 41858593
Amount: 101.1873
Amount Units: ug/l




Manual Integration Results

RT: 4.82
Area: 41304622
Amount: 92.853216
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

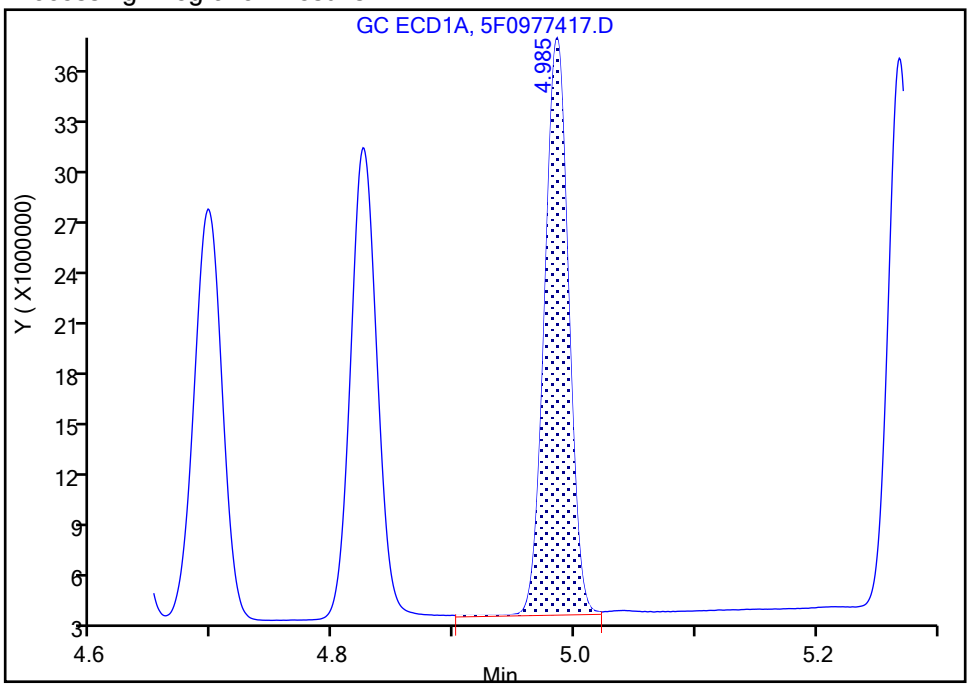
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

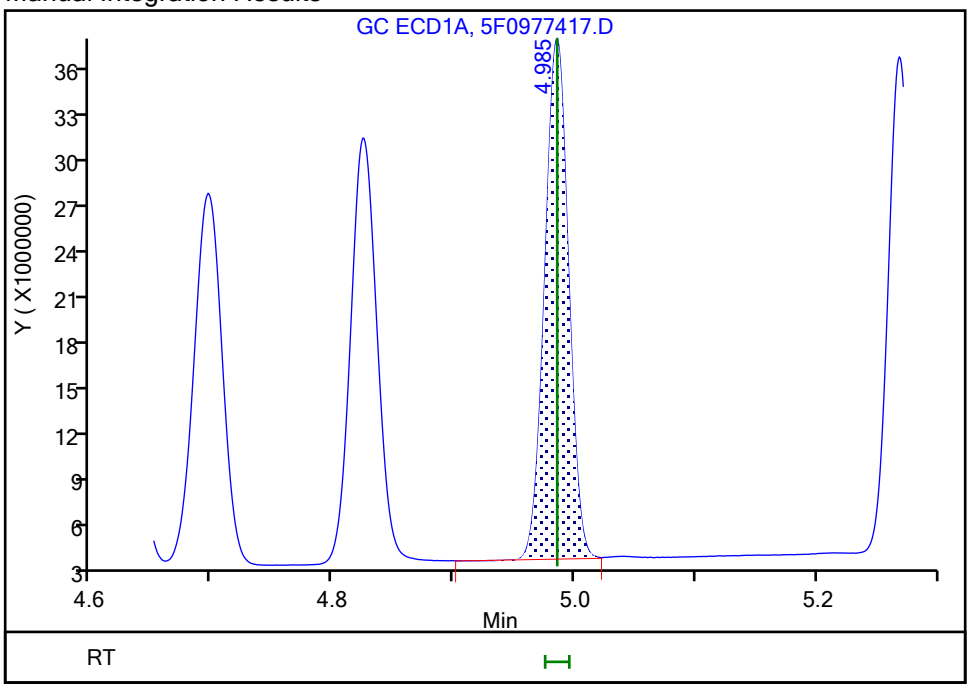
Processing Integration Results

RT: 4.99
Area: 46013212
Amount: 106.7396
Amount Units: ug/l




Manual Integration Results

RT: 4.99
Area: 45621060
Amount: 95.648442
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:47 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

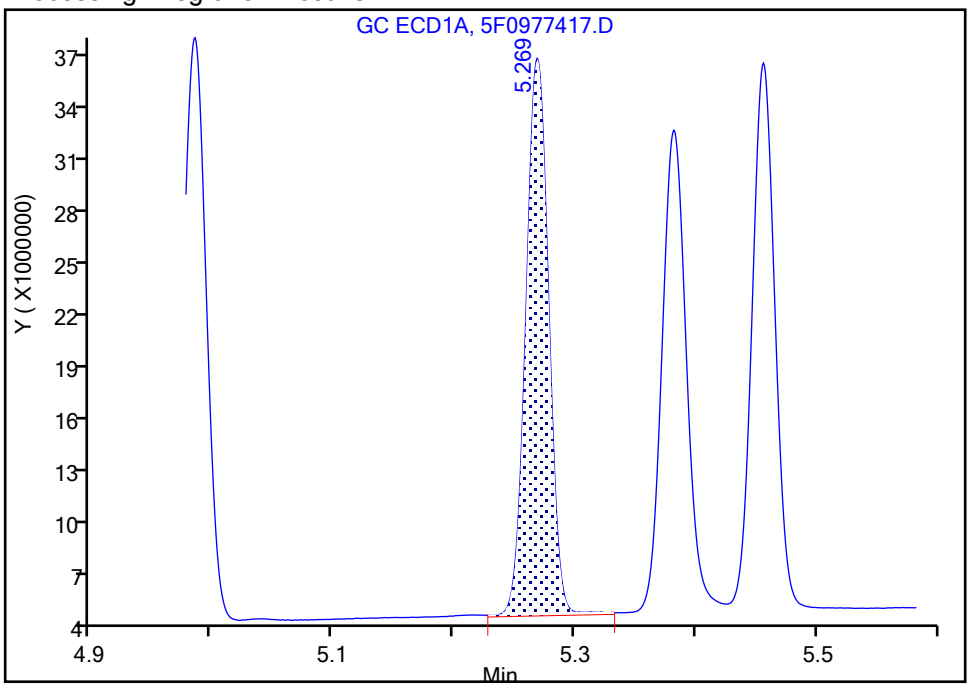
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

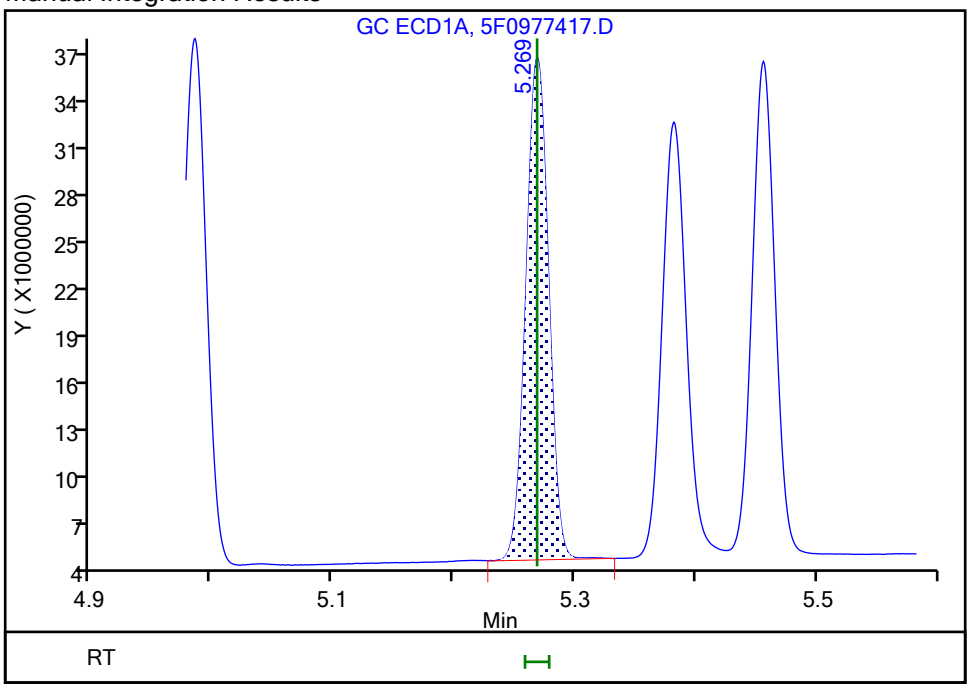
Processing Integration Results

RT: 5.27
Area: 41716344
Amount: 104.8260
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 41200503
Amount: 93.045725
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:58 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

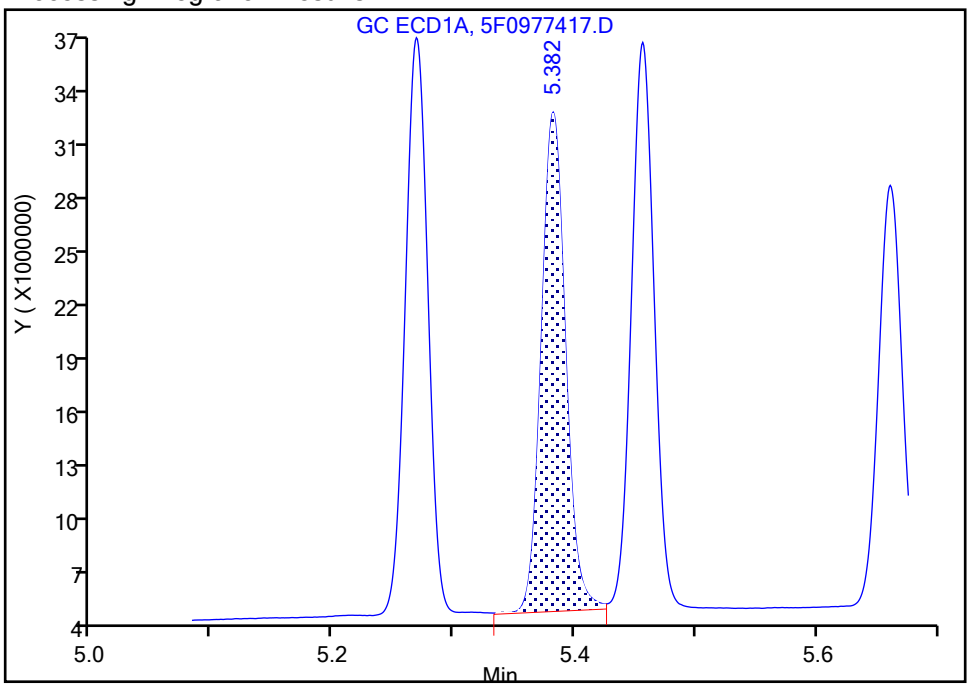
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

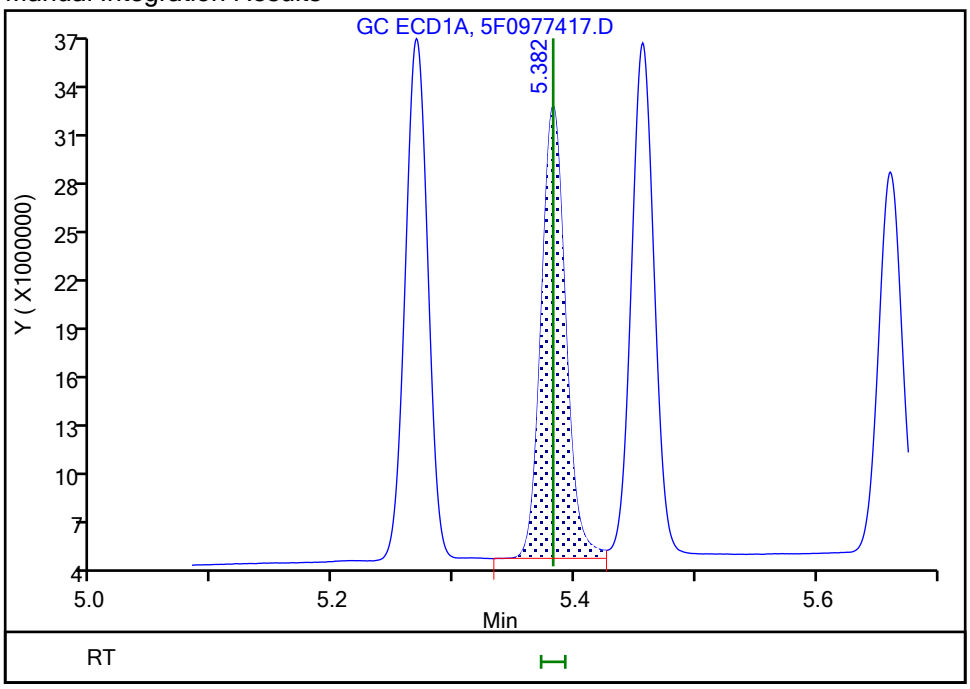
Processing Integration Results

RT: 5.38
Area: 38214475
Amount: 104.4344
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 38472265
Amount: 88.436404
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:58 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

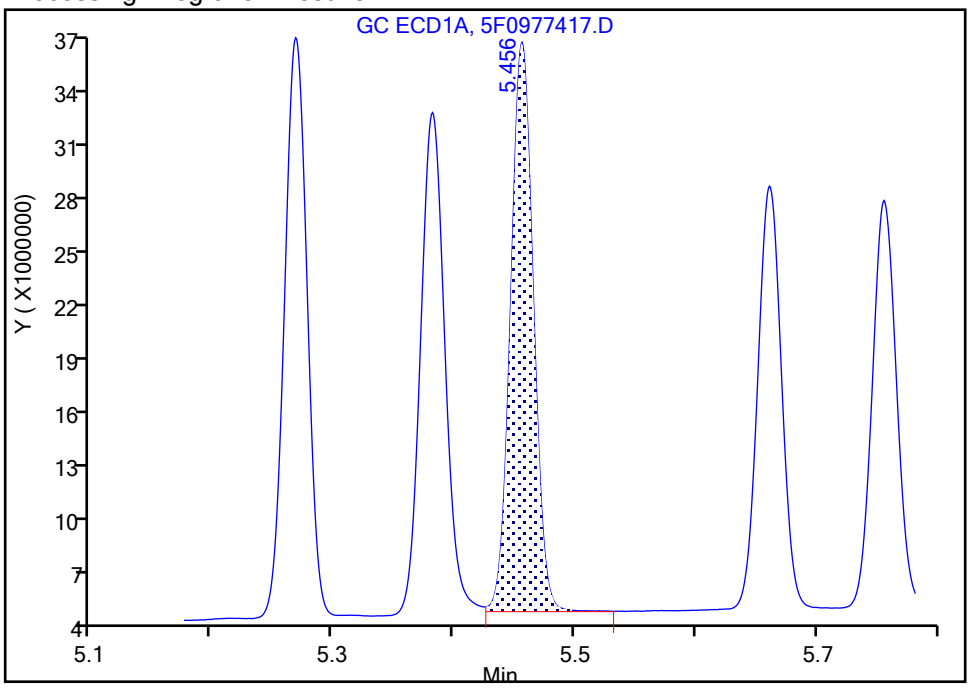
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

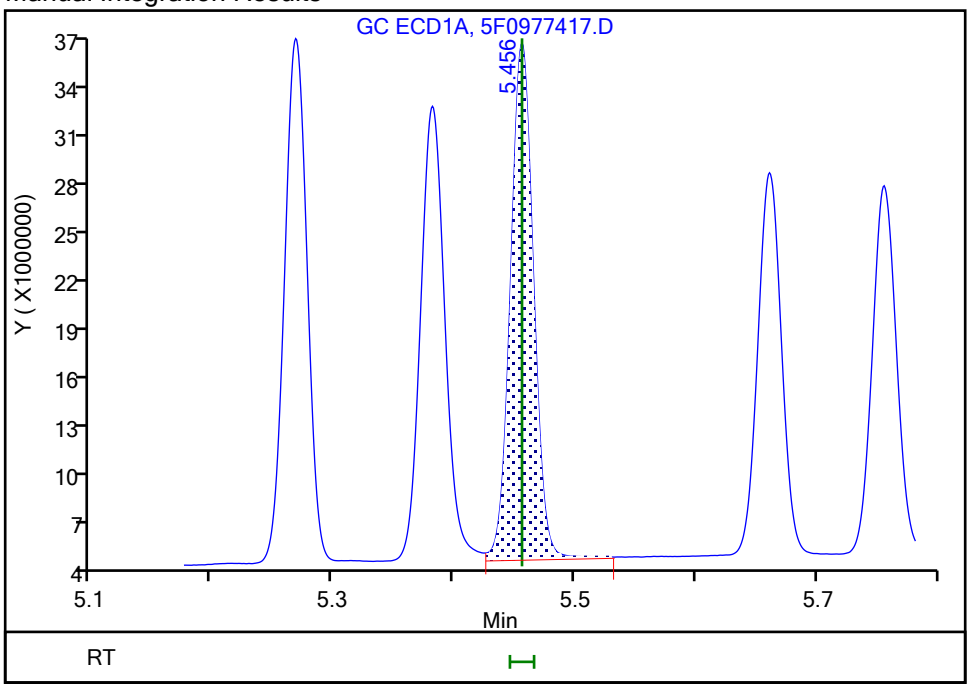
Processing Integration Results

RT: 5.46
Area: 40384104
Amount: 99.860210
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 41200508
Amount: 91.682636
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:58 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

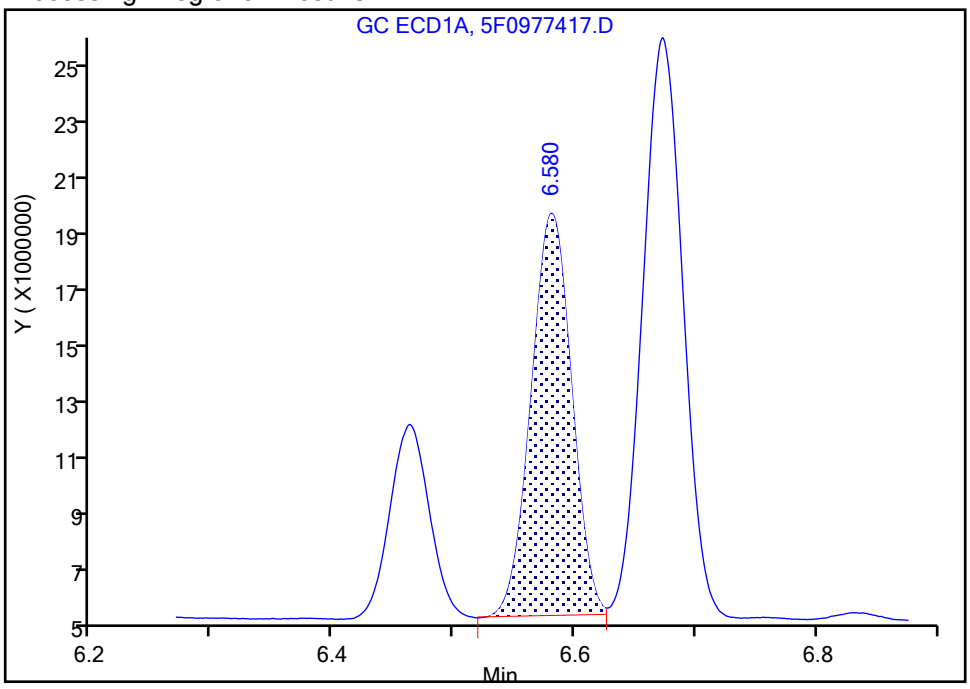
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

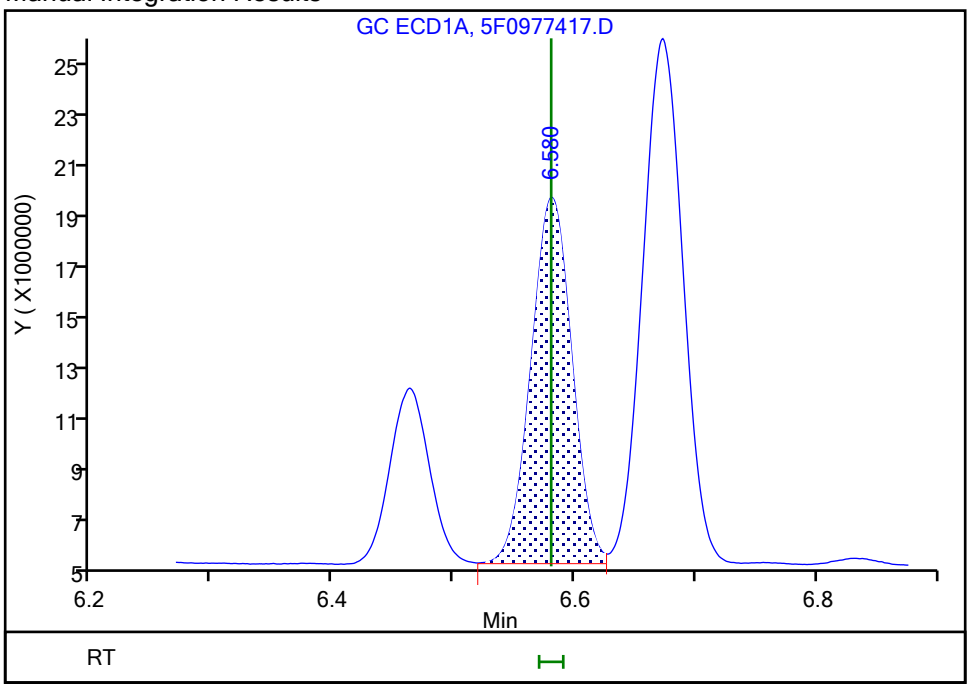
Processing Integration Results

RT: 6.58
Area: 33378977
Amount: 98.274790
Amount Units: ug/l




Manual Integration Results

RT: 6.58
Area: 34051508
Amount: 92.576327
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:05 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

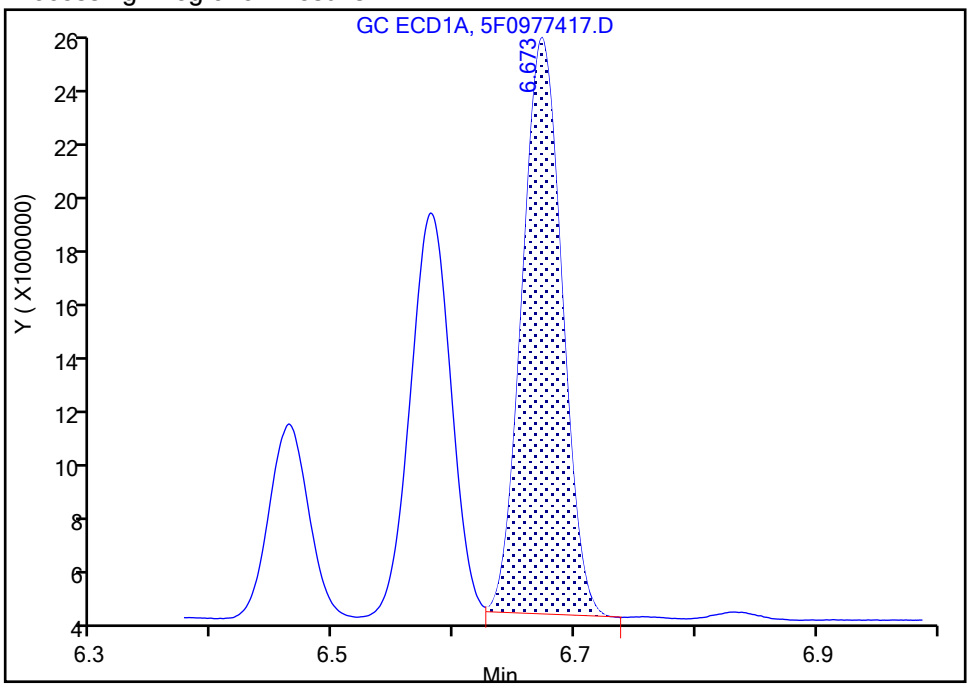
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

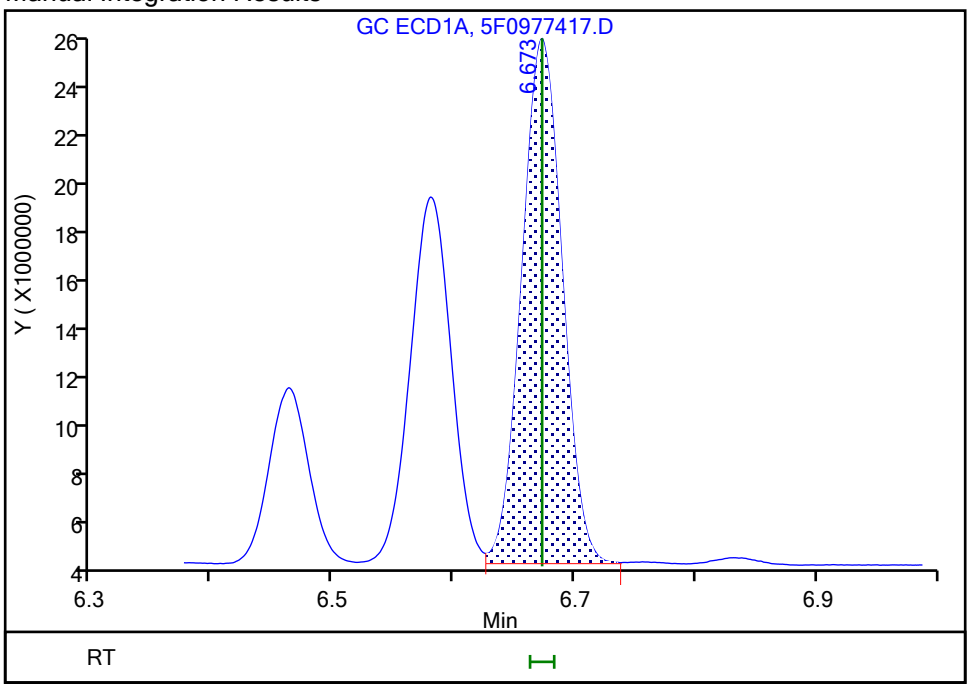
Processing Integration Results

RT: 6.67
Area: 47361132
Amount: 100.8268
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 48181071
Amount: 91.533657
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:05 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 09:35:22 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:39 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 21-Jan-2025 09:51:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.509 | 1.509 | 0.000 | 27868368 | 100.0 | 100.0 | M |
| 2 | 1.613 | 1.612 | 0.001 | 47374775 | 100.0 | 100.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 1792728 | 6.25 | 6.01 | |
| 2 | 2.000 | 1.999 | 0.001 | 3921364 | 6.25 | 6.82 | |
| | | | | | | RPD = 12.57 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 934031 | 2.50 | 1.98 | |
| 2 | 2.335 | 2.334 | 0.001 | 2070958 | 2.50 | 2.40 | |
| | | | | | | RPD = 19.28 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.738 | 2.738 | 0.000 | 879459 | 2.50 | 2.02 | |
| 2 | 2.552 | 2.551 | 0.001 | 1944808 | 2.50 | 2.44 | |
| | | | | | | RPD = 19.13 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.798 | 2.798 | 0.000 | 460878 | 2.50 | 2.47 | |
| 2 | 2.605 | 2.604 | 0.001 | 954879 | 2.50 | 2.73 | |
| | | | | | | RPD = 10.05 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.093 | 3.092 | 0.001 | 1007400 | 2.50 | 2.26 | |
| 2 | 2.744 | 2.744 | 0.000 | 1999597 | 2.50 | 2.49 | |
| | | | | | | RPD = 9.61 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.167 | 3.167 | 0.000 | 1088439 | 2.50 | 2.48 | |
| 2 | 2.926 | 2.925 | 0.001 | 2243296 | 2.50 | 2.67 | |
| | | | | | | RPD = 7.35 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 941147 | 2.50 | 2.18 | |
| 2 | 3.194 | 3.194 | 0.000 | 2079600 | 2.50 | 2.50 | |
| | | | | | | RPD = 13.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 894787 | 2.50 | 2.38 | |
| 2 | 3.813 | 3.814 | -0.001 | 2149132 | 2.50 | 2.86 | |
| | | | | | | RPD = 18.04 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.435 | 4.436 | -0.001 | 910600 | 2.50 | 2.37 | |
| 2 | 3.946 | 3.945 | 0.001 | 2094556 | 2.50 | 2.73 | |
| | | | | | | RPD = 14.25 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.624 | 4.624 | 0.000 | 813553 | 2.50 | 2.21 | |
| 2 | 4.083 | 4.084 | -0.001 | 1913942 | 2.50 | 2.64 | |
| | | | | | | RPD = 17.68 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.697 | 4.696 | 0.001 | 787835 | 2.50 | 2.23 | |
| 2 | 4.230 | 4.231 | -0.001 | 1569915 | 2.50 | 2.32 | |
| | | | | | | RPD = 4.26 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.828 | 4.824 | 0.004 | 791615 | 2.50 | 2.06 | |
| 2 | 4.165 | 4.165 | 0.000 | 1508997 | 2.50 | 2.13 | |
| | | | | | | RPD = 2.94 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.986 | 4.985 | 0.001 | 794350 | 2.50 | 1.93 | M |
| 2 | 4.506 | 4.504 | 0.002 | 1826161 | 2.50 | 2.39 | |
| | | | | | | RPD = 21.07 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 847005 | 2.50 | 2.22 | M |
| 2 | 4.767 | 4.766 | 0.001 | 1776496 | 2.50 | 2.54 | |
| | | | | | | RPD = 13.42 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.382 | 0.001 | 835915 | 2.50 | 2.23 | M |
| 2 | 4.843 | 4.843 | 0.000 | 1377387 | 2.50 | 2.31 | |
| | | | | | | RPD = 3.67 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.458 | 5.456 | 0.002 | 1277602 | 2.50 | 3.30 | M |
| 2 | 4.978 | 4.979 | -0.001 | 1739018 | 2.50 | 2.93 | |
| | | | | | | RPD = 11.90 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.662 | 5.661 | 0.001 | 666319 | 2.50 | 2.20 | M |
| 2 | 5.104 | 5.103 | 0.001 | 1460139 | 2.50 | 2.42 | |
| | | | | | | RPD = 9.83 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.758 | 5.756 | 0.002 | 961867 | 2.50 | 3.10 | M |
| 2 | 5.338 | 5.339 | -0.001 | 1495263 | 2.50 | 2.95 | M |
| | | | | | | RPD = 4.90 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.023 | 6.020 | 0.003 | 1088125 | 2.50 | 2.73 | M |
| 2 | 5.697 | 5.697 | 0.000 | 1918668 | 2.50 | 2.94 | M |
| | | | | | | RPD = 7.52 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.468 | 6.463 | 0.005 | 290098 | 2.50 | 1.98 | |
| 2 | 5.532 | 5.532 | 0.000 | 785930 | 2.50 | 2.49 | M |
| | | | | | | RPD = 22.51 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 815972 | 2.50 | 2.57 | |
| 2 | 5.599 | 5.600 | -0.001 | 1427984 | 2.50 | 2.80 | M |
| | | | | | | RPD = 8.37 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.674 | 6.673 | 0.001 | 1153553 | 2.50 | 2.54 | |
| 2 | 5.924 | 5.925 | -0.001 | 1999460 | 2.50 | 2.76 | M |
| | | | | | | RPD = 8.30 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 8.094 | 8.093 | 0.001 | 3076788 | 6.25 | 6.78 | |
| 2 | 7.318 | 7.319 | -0.001 | 4917453 | 6.25 | 7.05 | M |
| | | | | | | RPD = 3.82 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

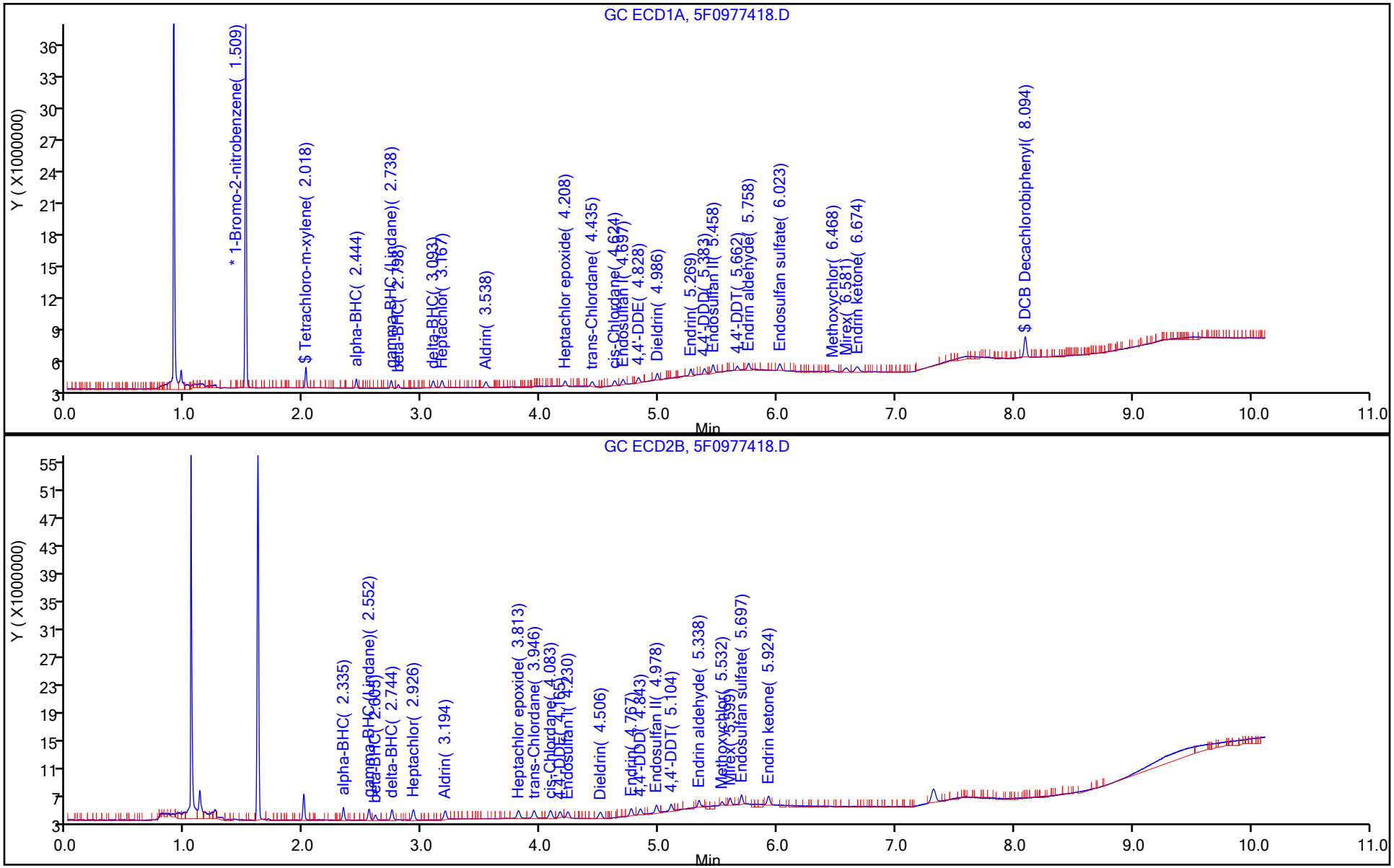
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:39 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 09:35:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

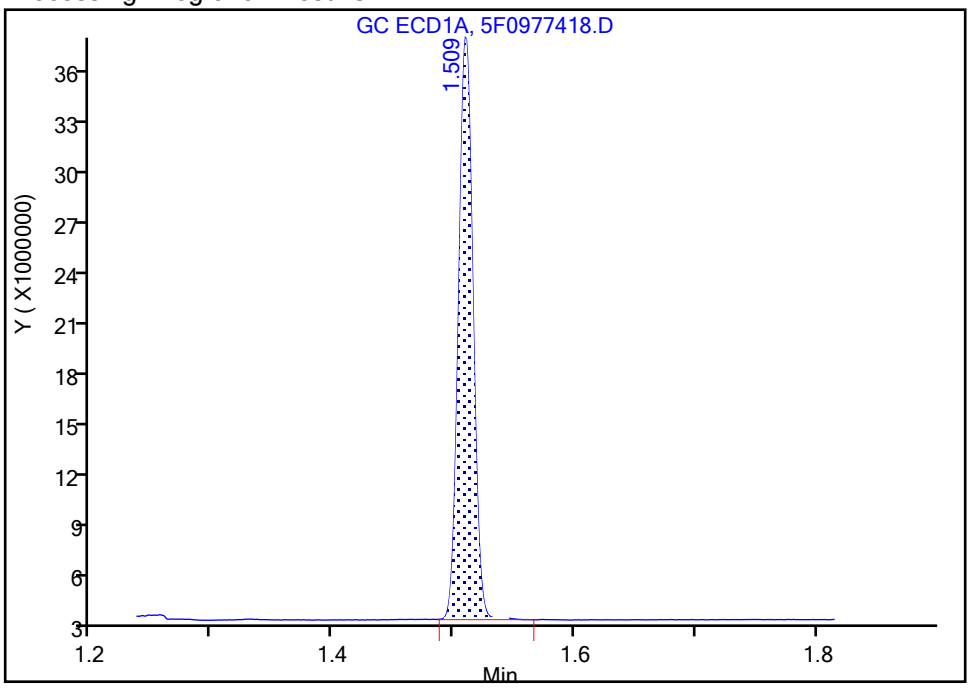
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## * 37 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

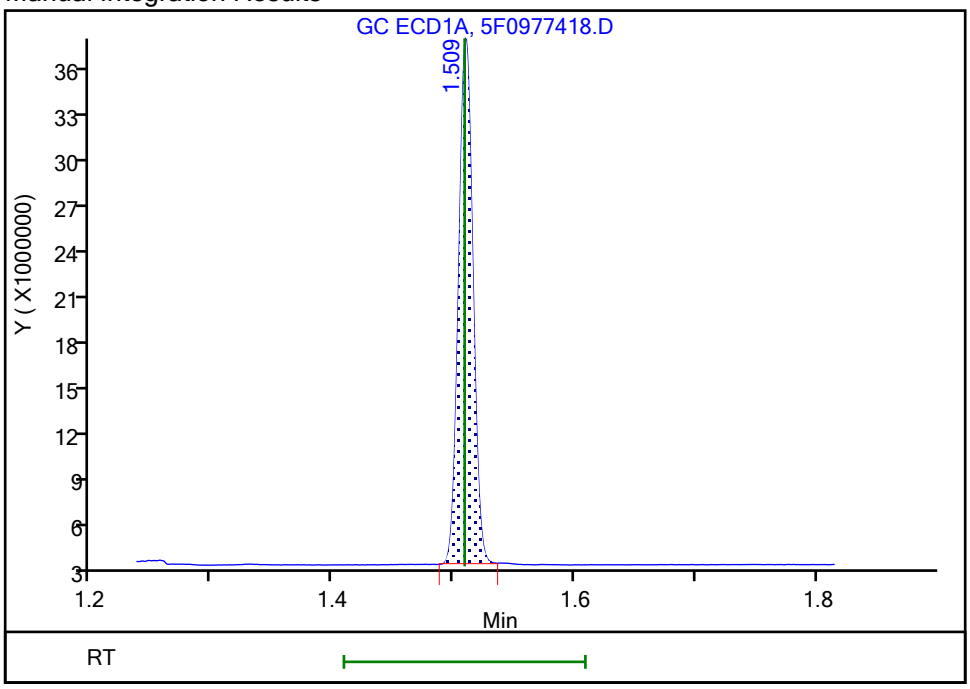
Processing Integration Results

RT: 1.51
Area: 28160740
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 1.51
Area: 27868368
Amount: 100.0000
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:53:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

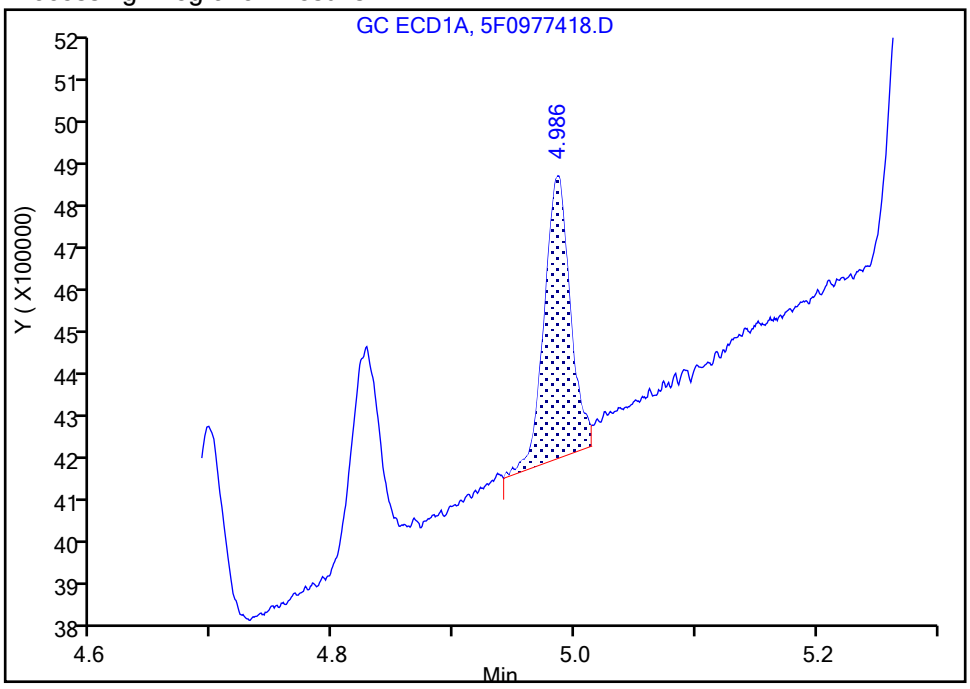
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

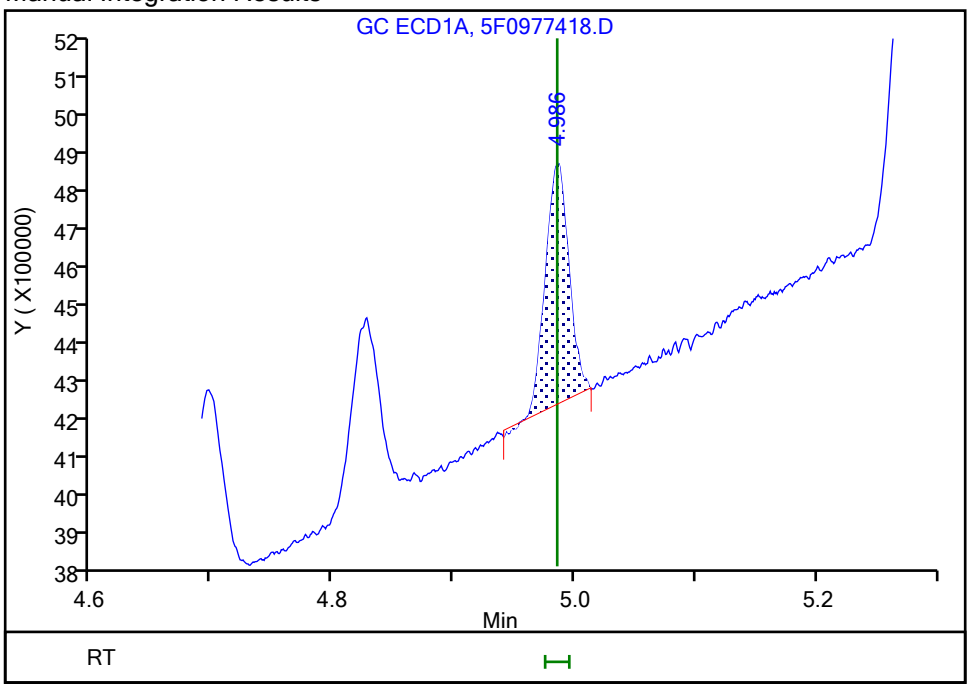
Processing Integration Results

RT: 4.99
Area: 947013
Amount: 2.467052
Amount Units: ug/l




Manual Integration Results

RT: 4.99
Area: 794350
Amount: 1.932344
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:50:31 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

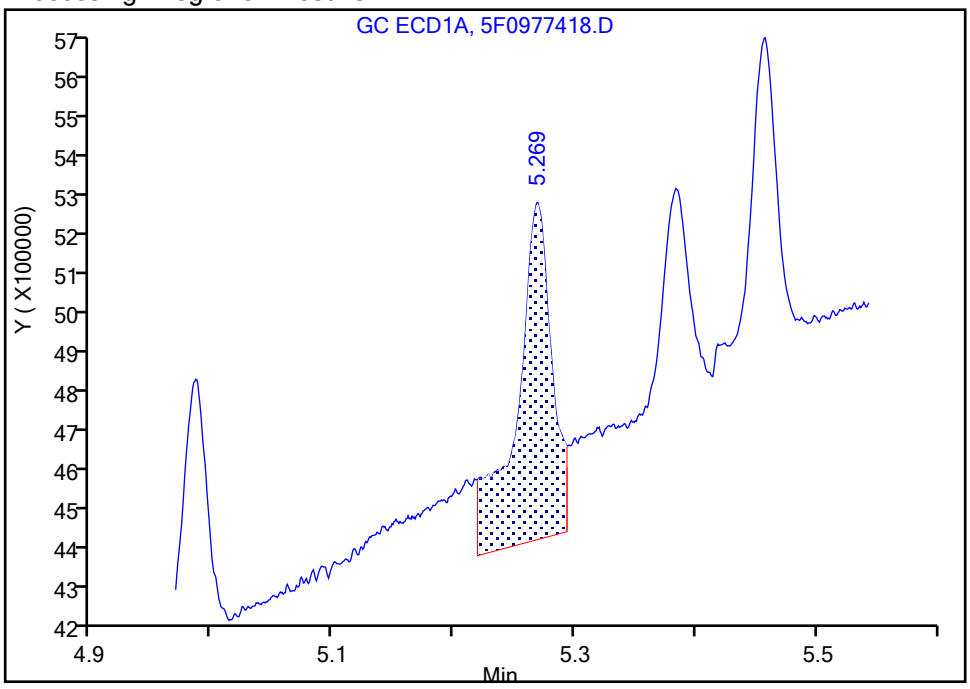
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

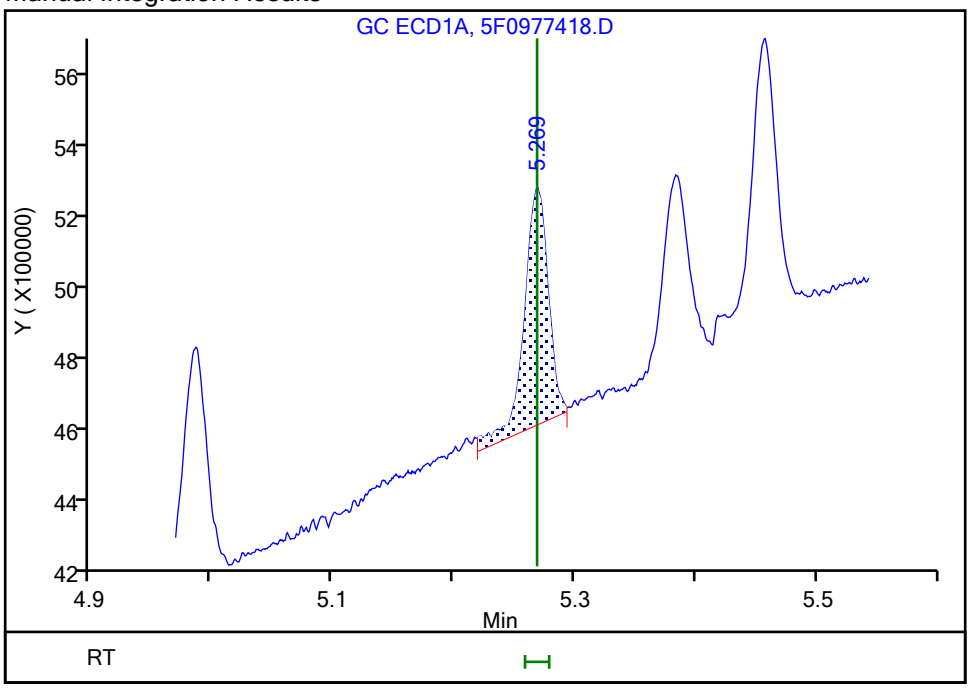
Processing Integration Results

RT: 5.27
Area: 1580823
Amount: 0.624998
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 847005
Amount: 2.219422
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:50:31 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

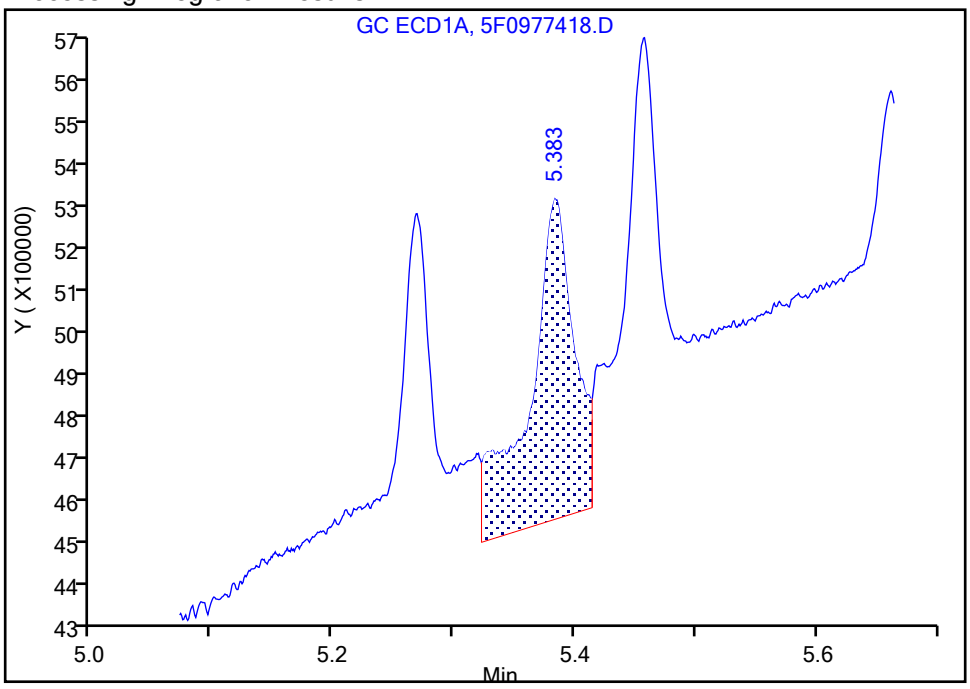
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

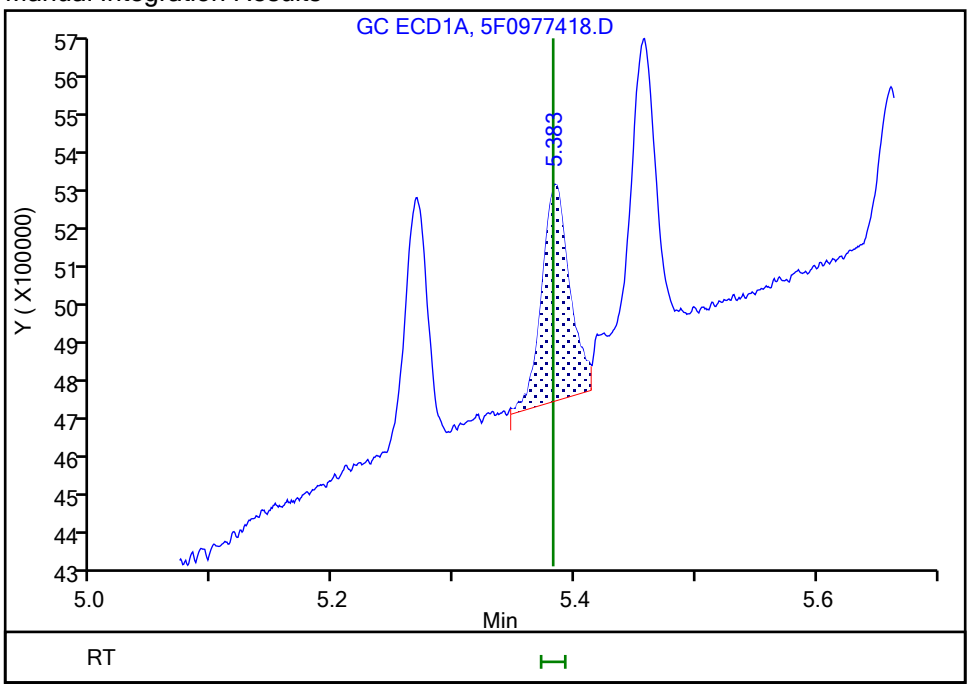
Processing Integration Results

RT: 5.38
Area: 1835937
Amount: 5.835387
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 835915
Amount: 2.229489
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:56:32 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

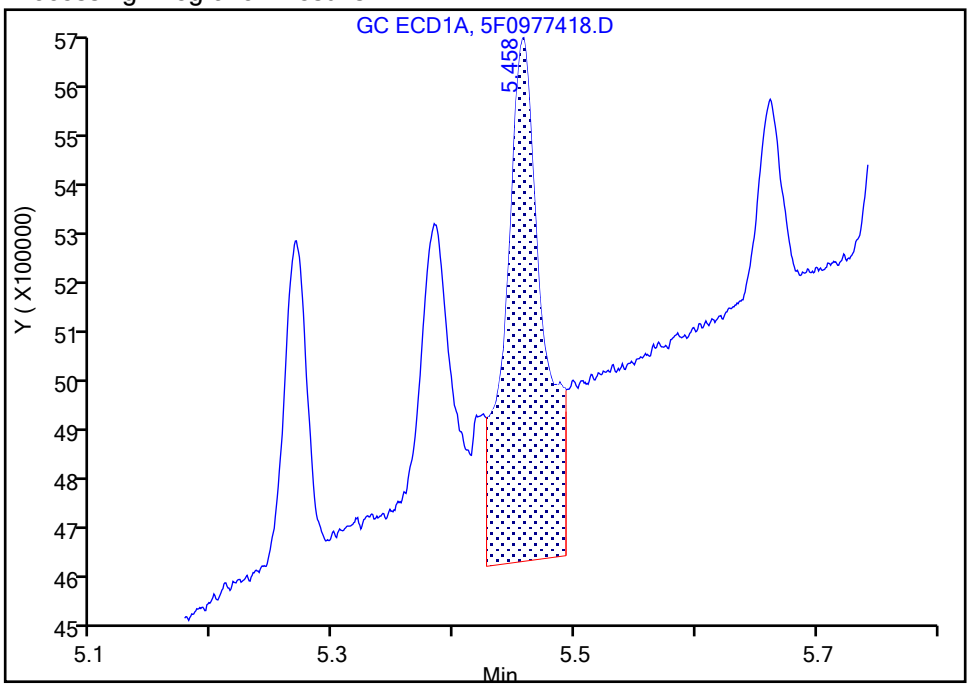
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

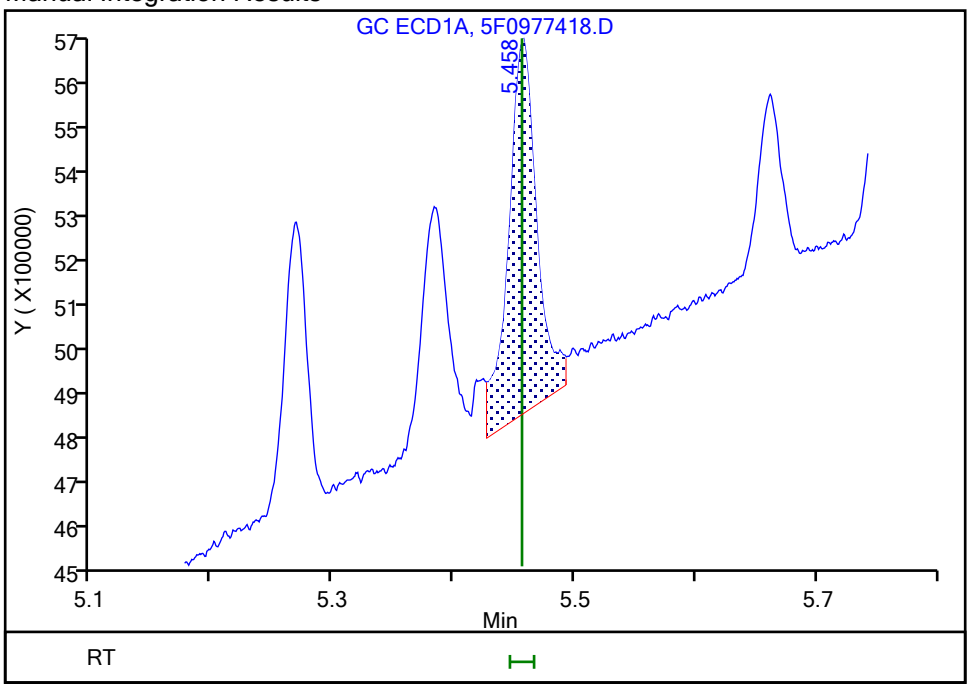
Processing Integration Results

RT: 5.46
Area: 2100837
Amount: 2.121492
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 1277602
Amount: 3.298679
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:56:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

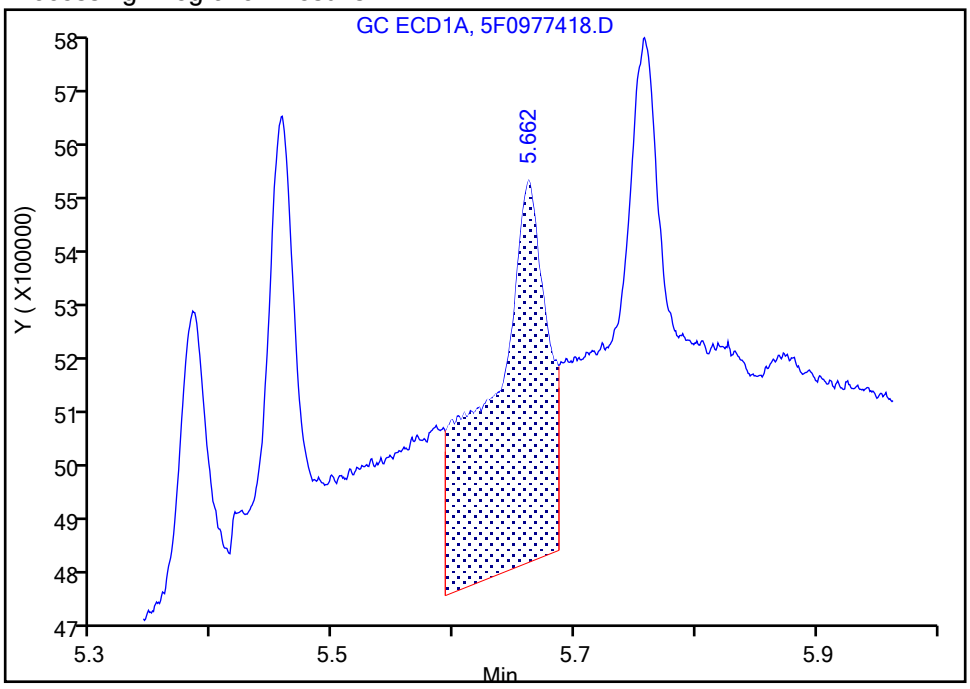
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

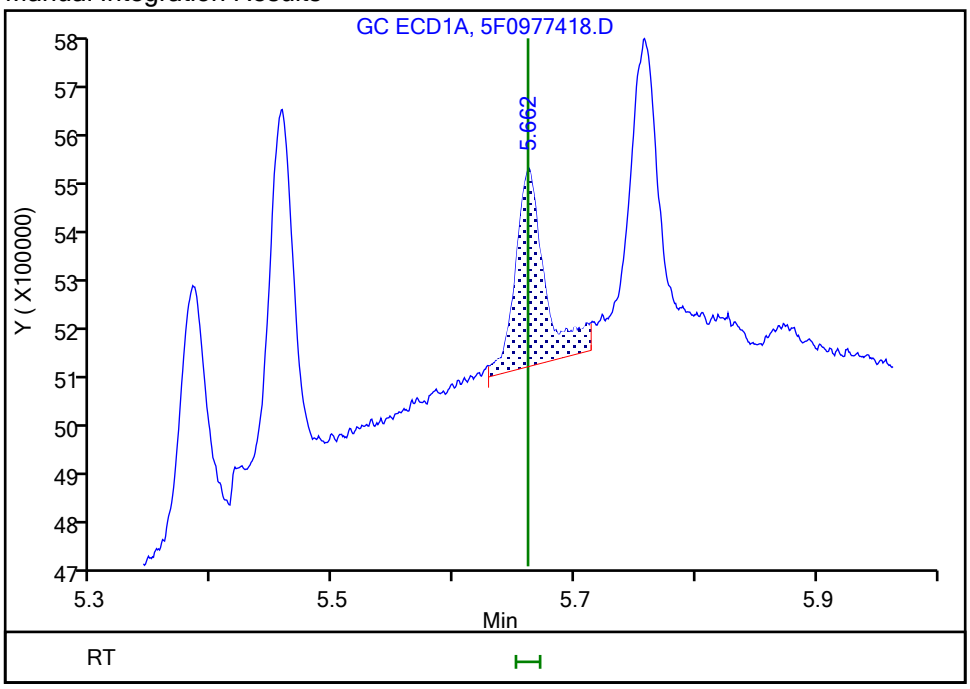
Processing Integration Results

RT: 5.66
Area: 2290344
Amount: 7.009865
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 666319
Amount: 2.197297
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:54:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

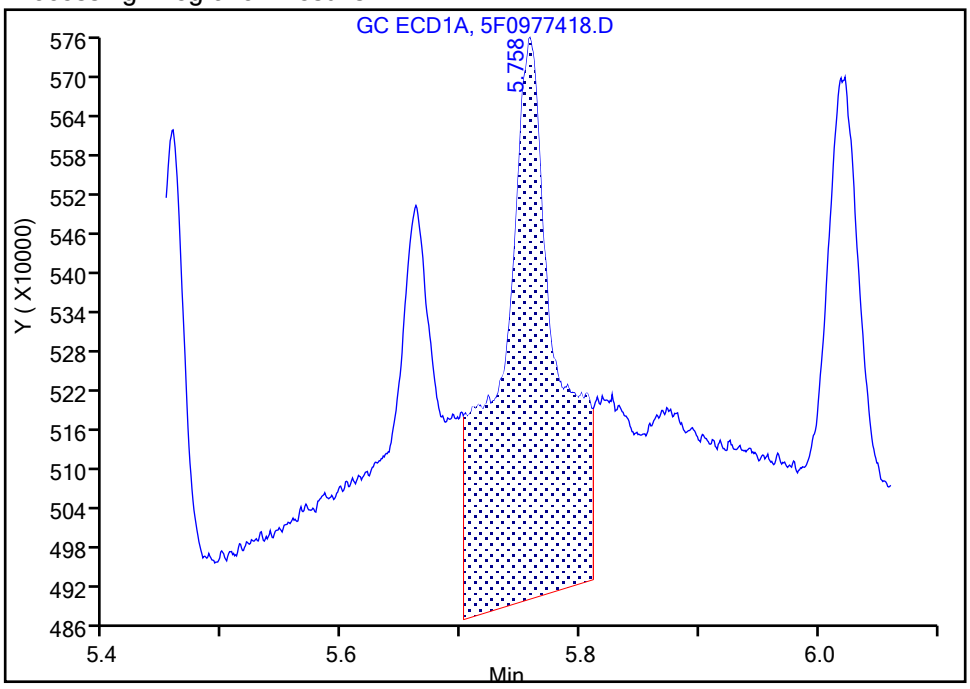
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

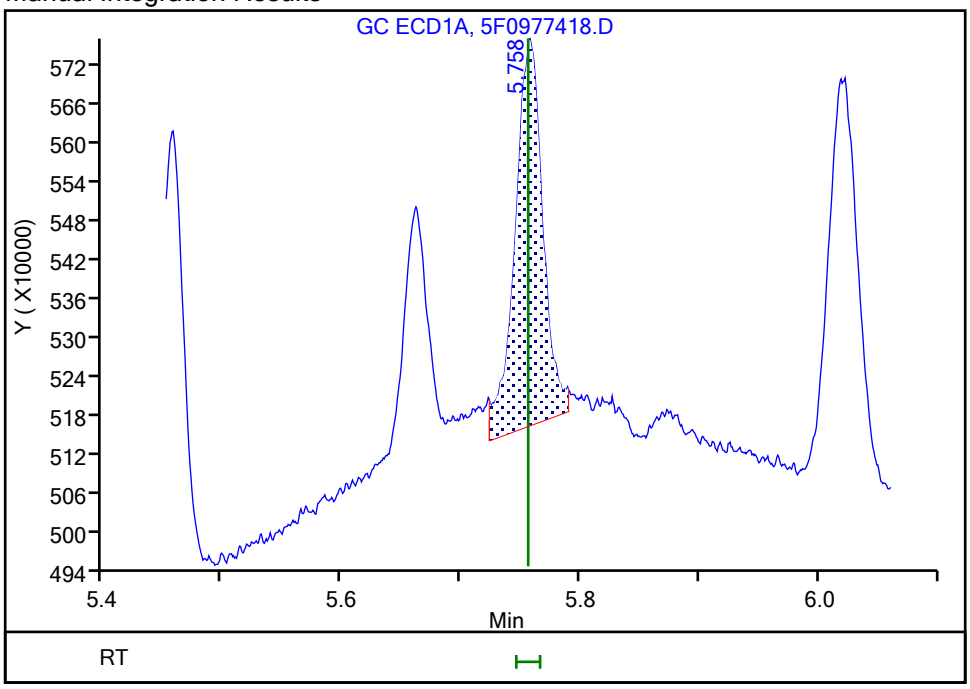
Processing Integration Results

RT: 5.76
Area: 2823313
Amount: 3.758677
Amount Units: ug/l




Manual Integration Results

RT: 5.76
Area: 961867
Amount: 3.096205
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:54:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

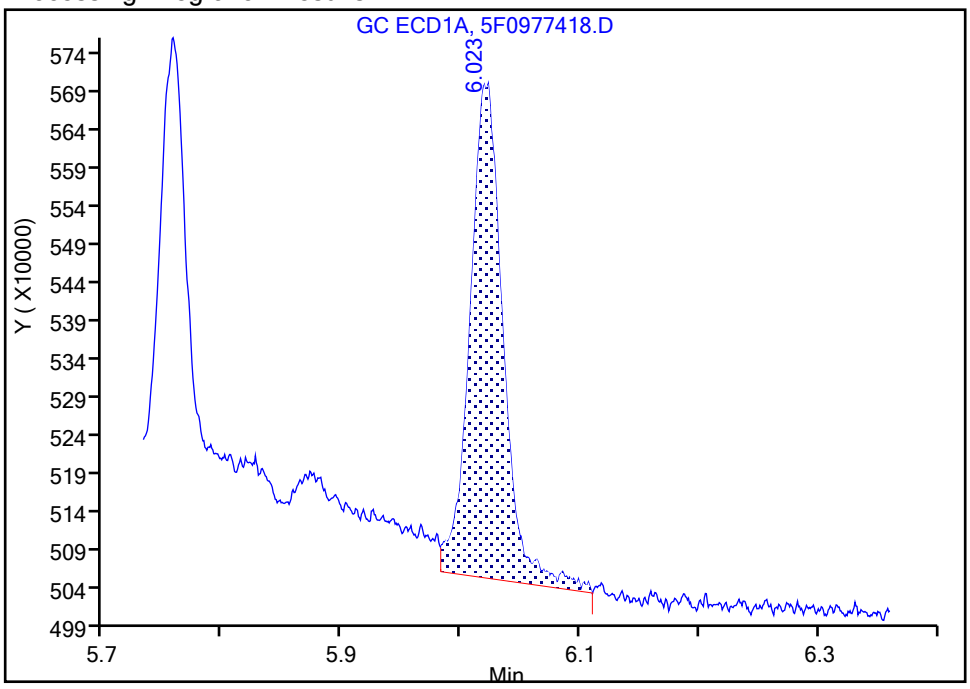
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 1

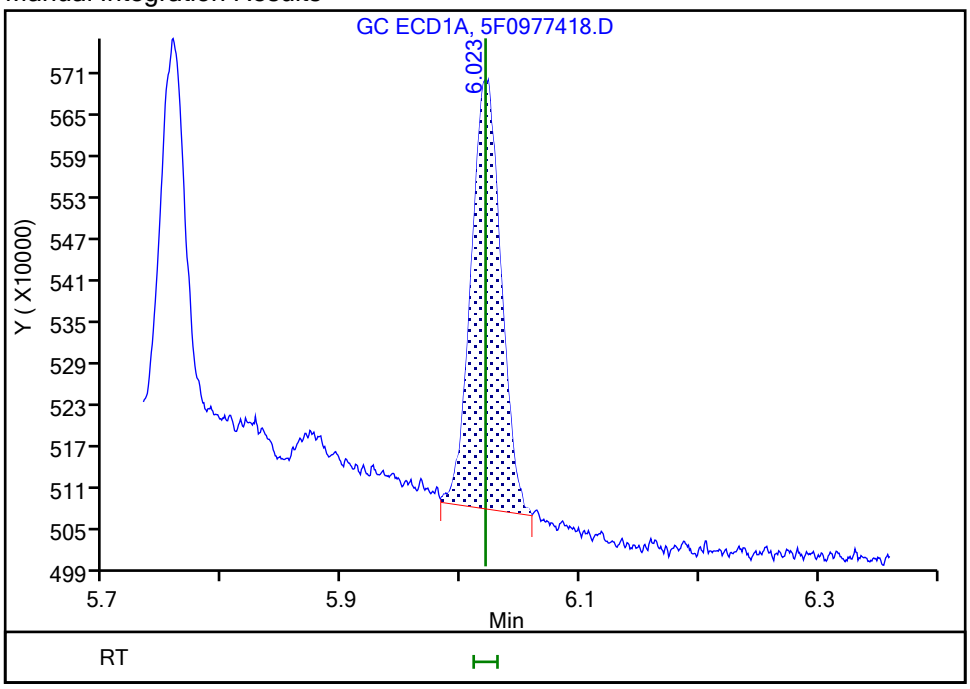
Processing Integration Results

RT: 6.02
Area: 1258523
Amount: 3.299702
Amount Units: ug/l




Manual Integration Results

RT: 6.02
Area: 1088125
Amount: 2.729595
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:50:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jan-2025 09:48:23 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:47:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 32379818 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54233399 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 16026507 | 50.0 | 46.3 | |
| 2 | 2.001 | 1.999 | 0.002 | 31084426 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.04 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 26074803 | 50.0 | 47.6 | |
| 2 | 2.336 | 2.334 | 0.002 | 49067320 | 50.0 | 49.7 | |
| | | | | | | RPD = 4.41 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.738 | 2.738 | 0.000 | 24240123 | 50.0 | 47.9 | M |
| 2 | 2.552 | 2.551 | 0.001 | 45390020 | 50.0 | 49.8 | M |
| | | | | | | RPD = 4.04 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 10444082 | 50.0 | 48.2 | M |
| 2 | 2.606 | 2.604 | 0.002 | 20088036 | 50.0 | 50.2 | M |
| | | | | | | RPD = 4.10 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.092 | 0.001 | 23681347 | 50.0 | 45.8 | M |
| 2 | 2.745 | 2.744 | 0.001 | 44982978 | 50.0 | 48.9 | M |
| | | | | | | RPD = 6.70 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.167 | 0.001 | 23674875 | 50.0 | 46.4 | M |
| 2 | 2.926 | 2.925 | 0.001 | 47510334 | 50.0 | 49.4 | |
| | | | | | | RPD = 6.17 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 23570808 | 50.0 | 47.1 | |
| 2 | 3.195 | 3.194 | 0.001 | 47252837 | 50.0 | 49.6 | |
| | | | | | | RPD = 5.09 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 21005370 | 50.0 | 48.2 | |
| 2 | 3.814 | 3.814 | 0.000 | 42285542 | 50.0 | 49.1 | |
| | | | | | | RPD = 1.92 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 20824359 | 50.0 | 46.7 | |
| 2 | 3.946 | 3.945 | 0.001 | 42730167 | 50.0 | 48.7 | |
| | | | | | | RPD = 4.34 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 20609012 | 50.0 | 48.2 | M |
| 2 | 4.085 | 4.084 | 0.001 | 40351380 | 50.0 | 48.6 | |
| | | | | | | RPD = 0.84 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 19904625 | 50.0 | 48.4 | M |
| 2 | 4.232 | 4.231 | 0.001 | 39552973 | 50.0 | 51.1 | |
| | | | | | | RPD = 5.47 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.826 | 4.824 | 0.002 | 21290367 | 50.0 | 47.8 | |
| 2 | 4.167 | 4.165 | 0.002 | 40910188 | 50.0 | 50.4 | |
| | | | | | | RPD = 5.22 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.985 | 0.000 | 23655617 | 50.0 | 49.5 | |
| 2 | 4.505 | 4.504 | 0.001 | 43735296 | 50.0 | 49.9 | |
| | | | | | | RPD = 0.85 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 21229999 | 50.0 | 47.9 | M |
| 2 | 4.767 | 4.766 | 0.001 | 39046732 | 50.0 | 48.7 | M |
| | | | | | | RPD = 1.79 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.382 | 0.000 | 19866689 | 50.0 | 45.6 | M |
| 2 | 4.843 | 4.843 | 0.000 | 33764401 | 50.0 | 49.5 | M |
| | | | | | | RPD = 8.24 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 21298881 | 50.0 | 47.3 | M |
| 2 | 4.979 | 4.979 | 0.000 | 34754059 | 50.0 | 51.1 | M |
| | | | | | | RPD = 7.69 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.662 | 5.661 | 0.001 | 15400372 | 50.0 | 43.7 | M |
| 2 | 5.103 | 5.103 | 0.000 | 33274383 | 50.0 | 48.3 | M |
| | | | | | | RPD = 9.90 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.757 | 5.756 | 0.001 | 16371647 | 50.0 | 45.4 | M |
| 2 | 5.338 | 5.339 | -0.001 | 28310864 | 50.0 | 48.8 | M |
| | | | | | | RPD = 7.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.020 | 6.020 | 0.000 | 21665234 | 50.0 | 46.8 | M |
| 2 | 5.698 | 5.697 | 0.001 | 36276910 | 50.0 | 48.6 | M |
| | | | | | | RPD = 3.84 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.463 | 6.463 | 0.000 | 7930437 | 50.0 | 46.7 | |
| 2 | 5.533 | 5.532 | 0.001 | 18456396 | 50.0 | 51.0 | M |
| | | | | | | RPD = 8.89 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 18155226 | 50.0 | 49.3 | |
| 2 | 5.601 | 5.600 | 0.001 | 29095145 | 50.0 | 49.8 | M |
| | | | | | | RPD = 1.05 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 25549721 | 50.0 | 48.5 | |
| 2 | 5.925 | 5.925 | 0.000 | 41526549 | 50.0 | 50.1 | M |
| | | | | | | RPD = 3.35 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 25079689 | 50.0 | 47.6 | |
| 2 | 7.319 | 7.319 | 0.000 | 40456527 | 50.0 | 50.7 | |
| | | | | | | RPD = 6.23 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

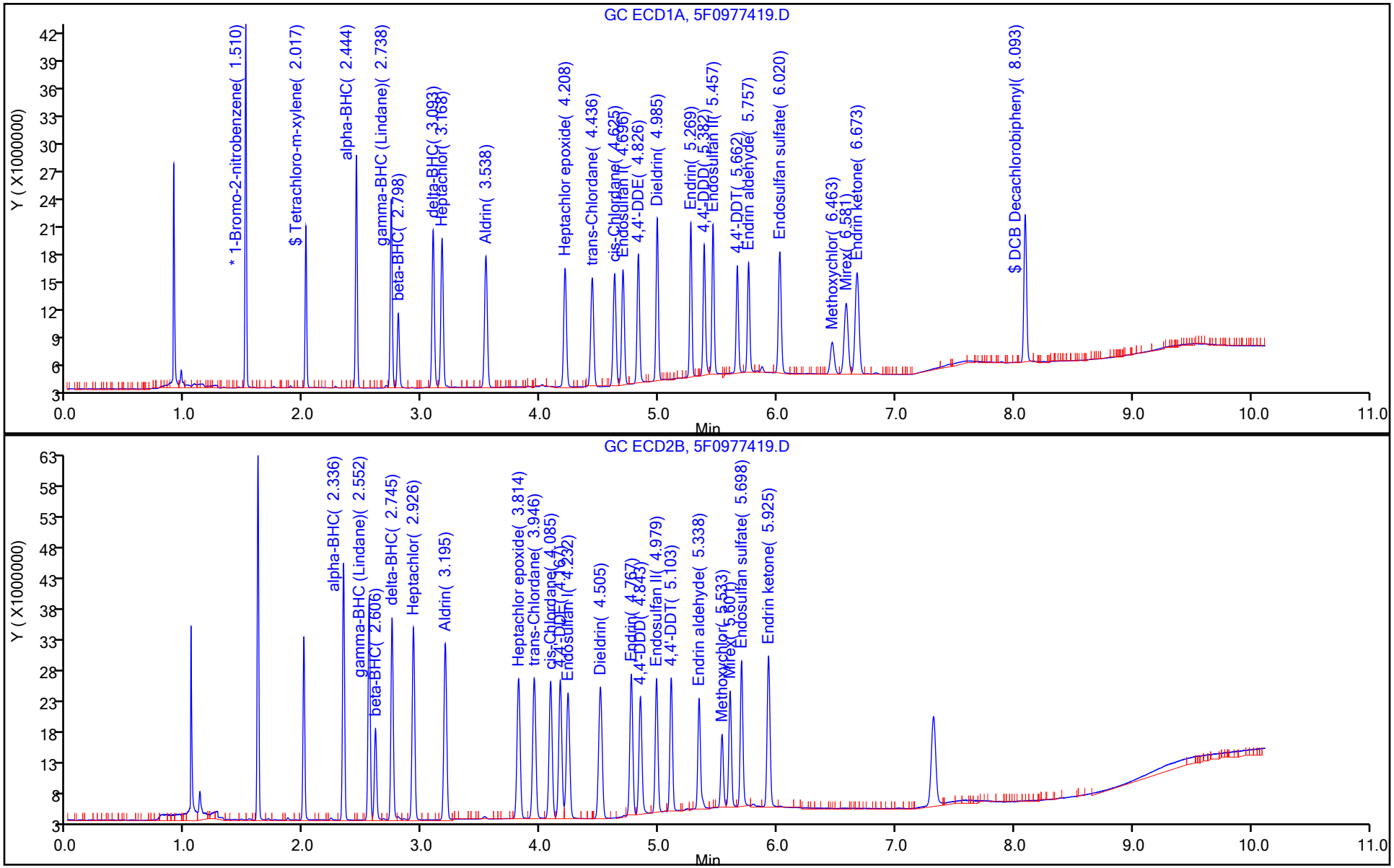
| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:45 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 09:48:23 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

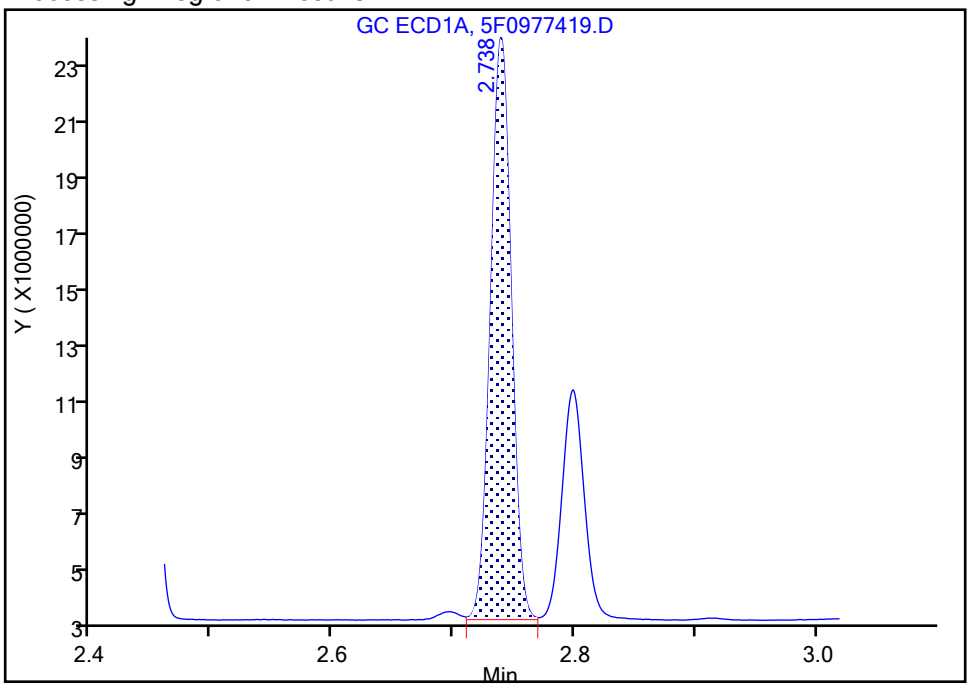
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

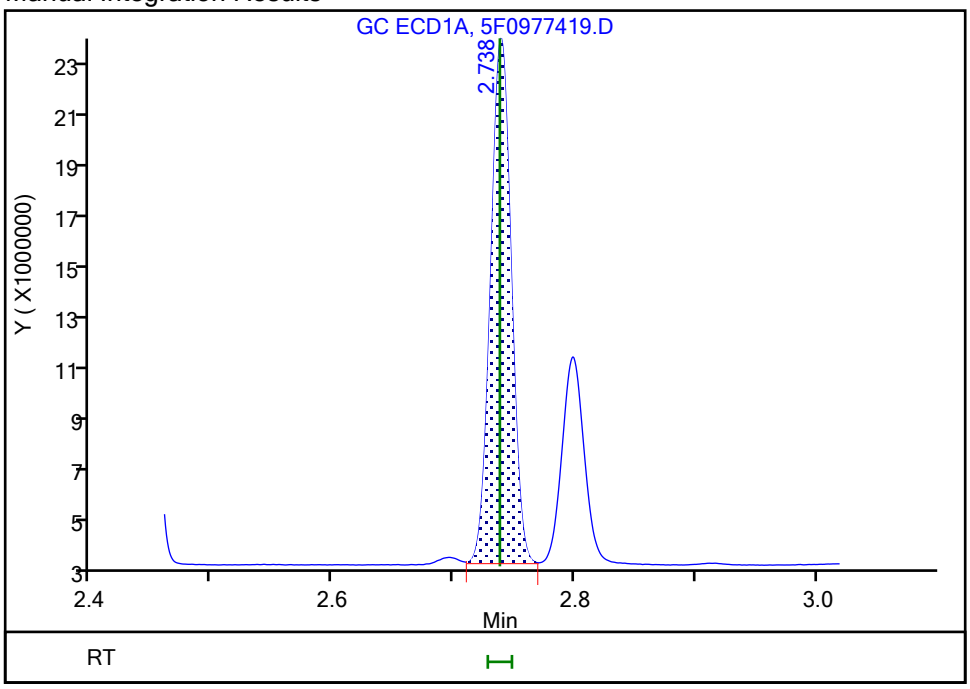
Processing Integration Results

RT: 2.74
Area: 24116734
Amount: 47.897348
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 24240123
Amount: 47.858820
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:45:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

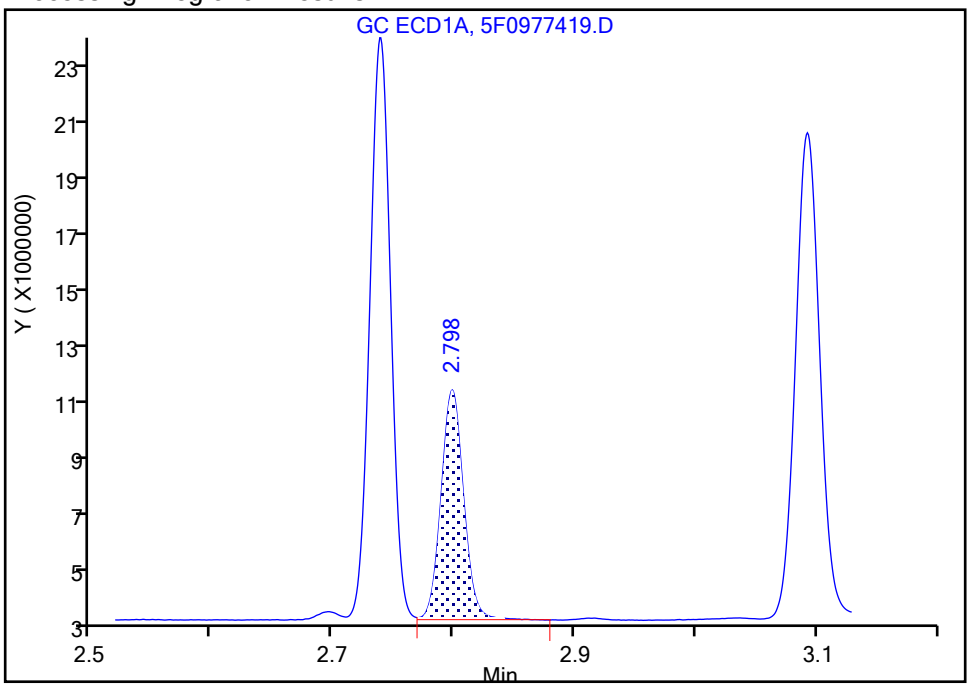
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

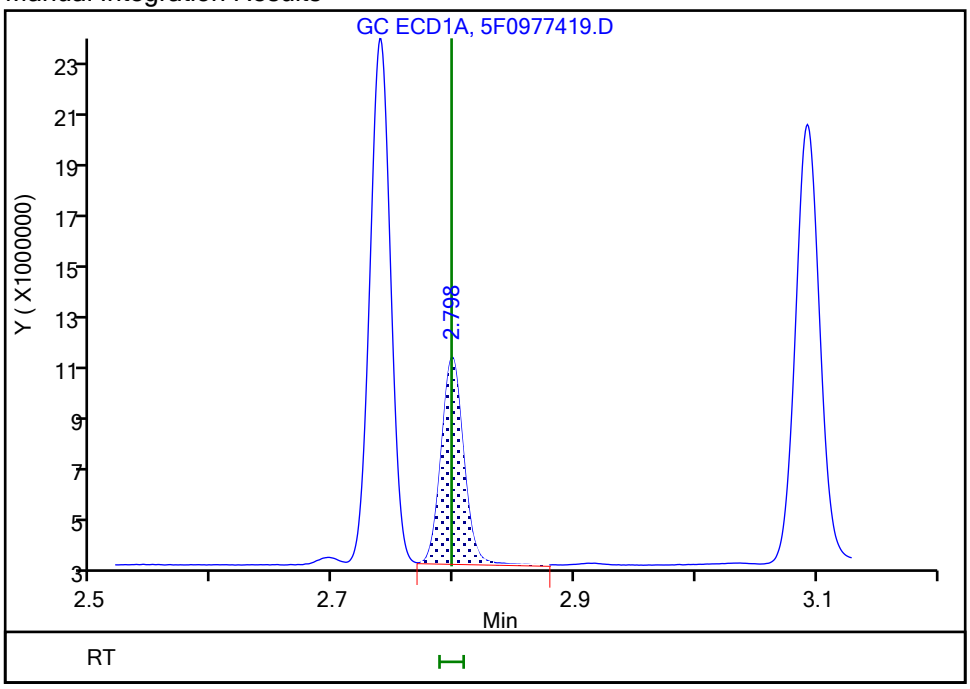
Processing Integration Results

RT: 2.80
Area: 10301736
Amount: 48.088235
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 10444082
Amount: 48.162905
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:45:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

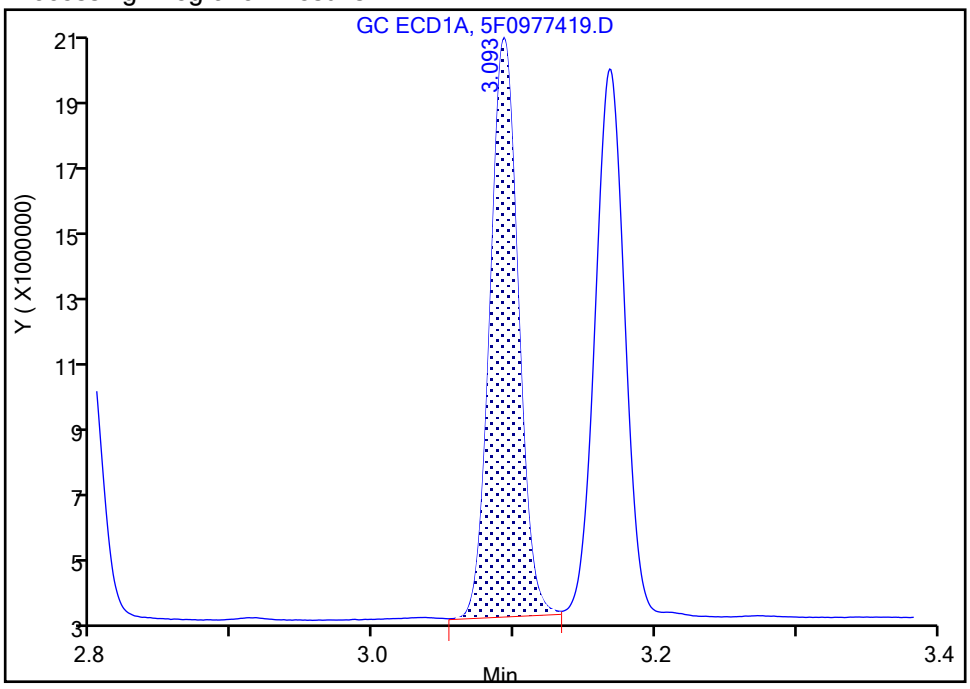
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

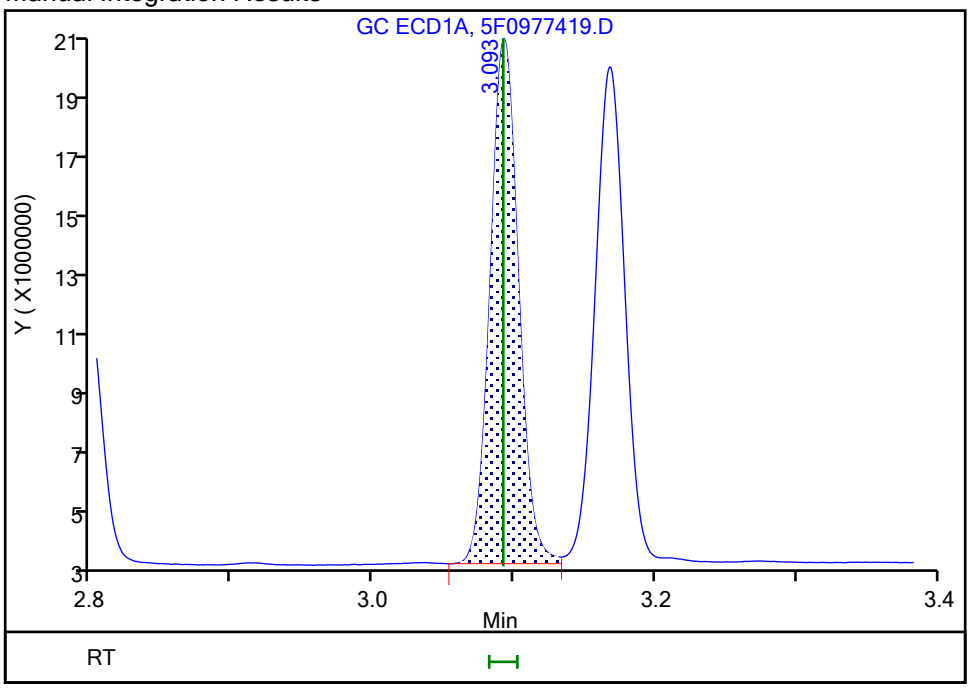
Processing Integration Results

RT: 3.09
Area: 23430033
Amount: 45.642708
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 23681347
Amount: 45.767482
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

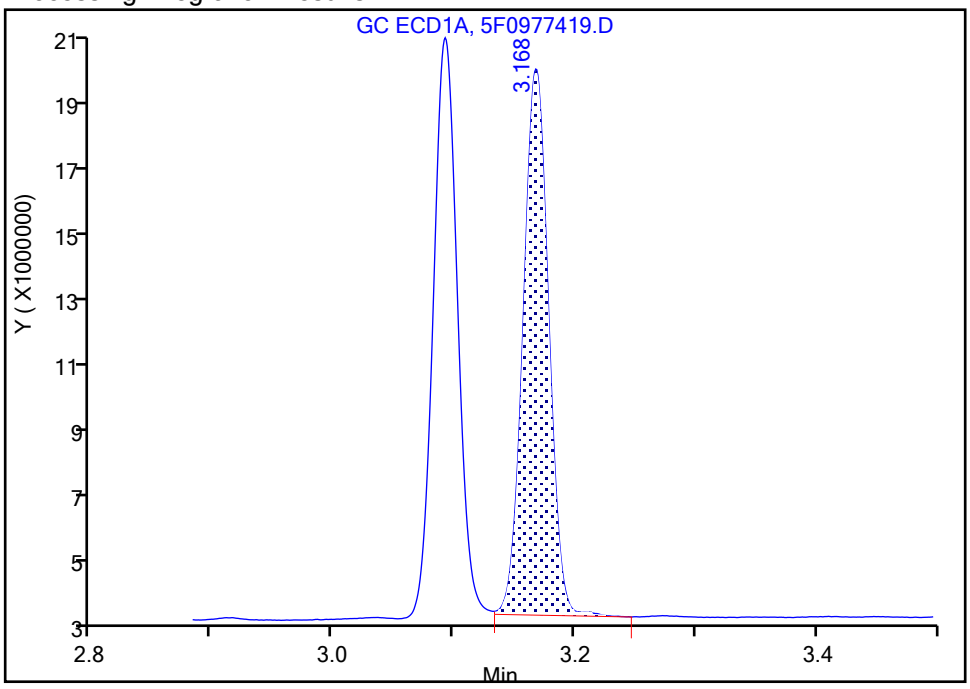
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

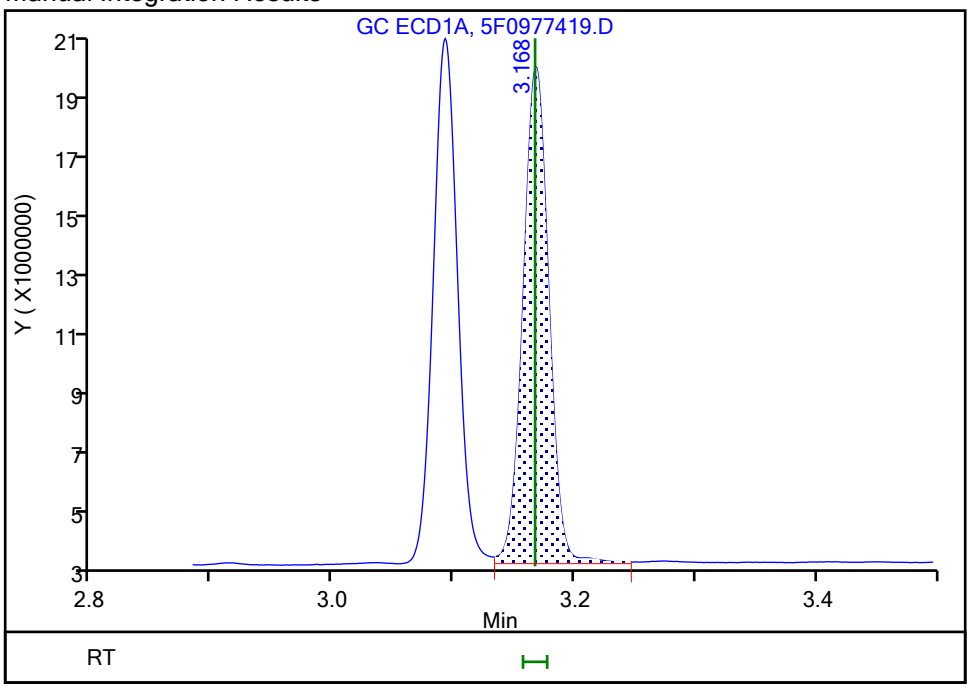
Processing Integration Results

RT: 3.17
Area: 23308984
Amount: 46.241885
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 23674875
Amount: 46.432184
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

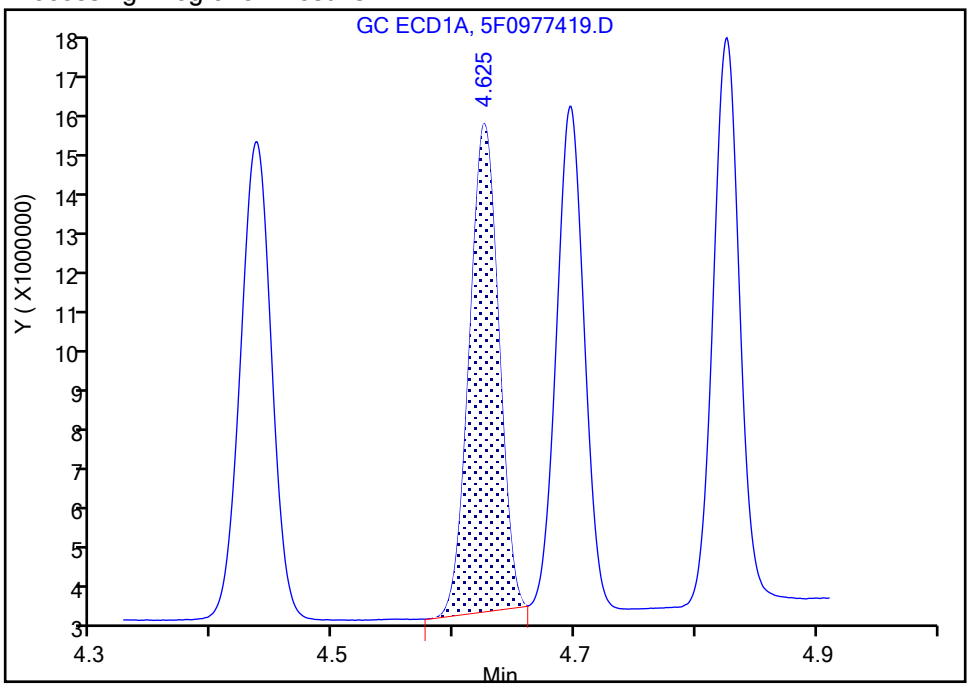
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

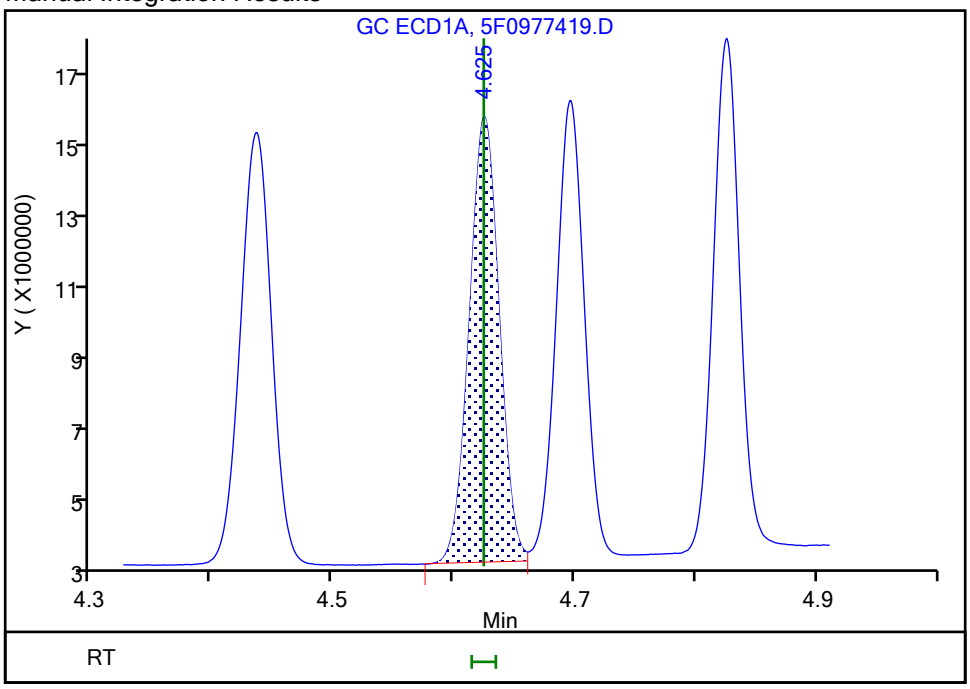
Processing Integration Results

RT: 4.63
Area: 20179212
Amount: 47.843980
Amount Units: ug/l




Manual Integration Results

RT: 4.63
Area: 20609012
Amount: 48.180678
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

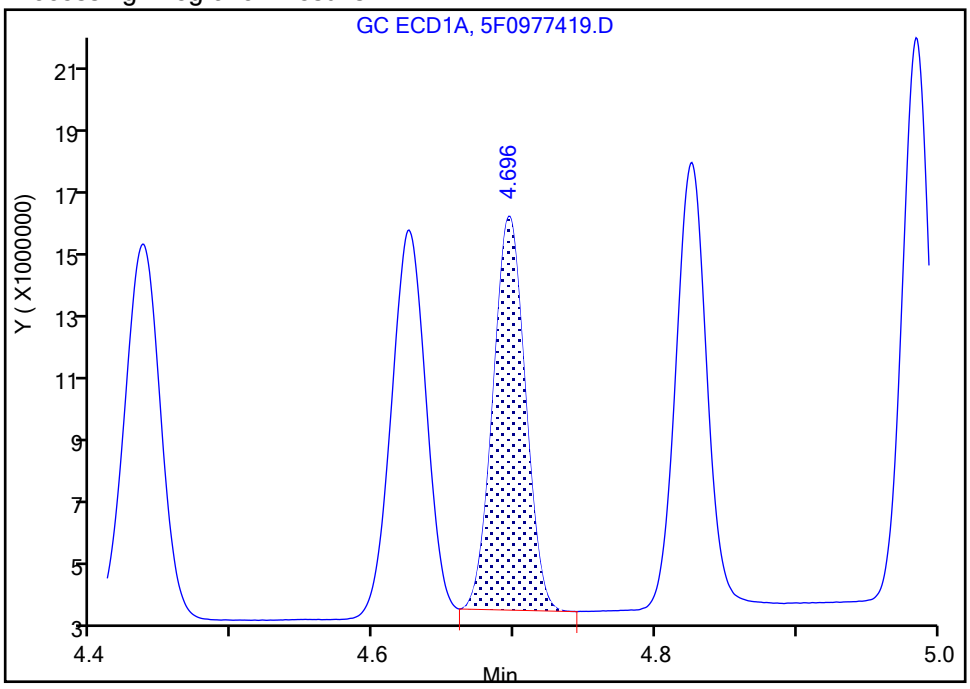
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

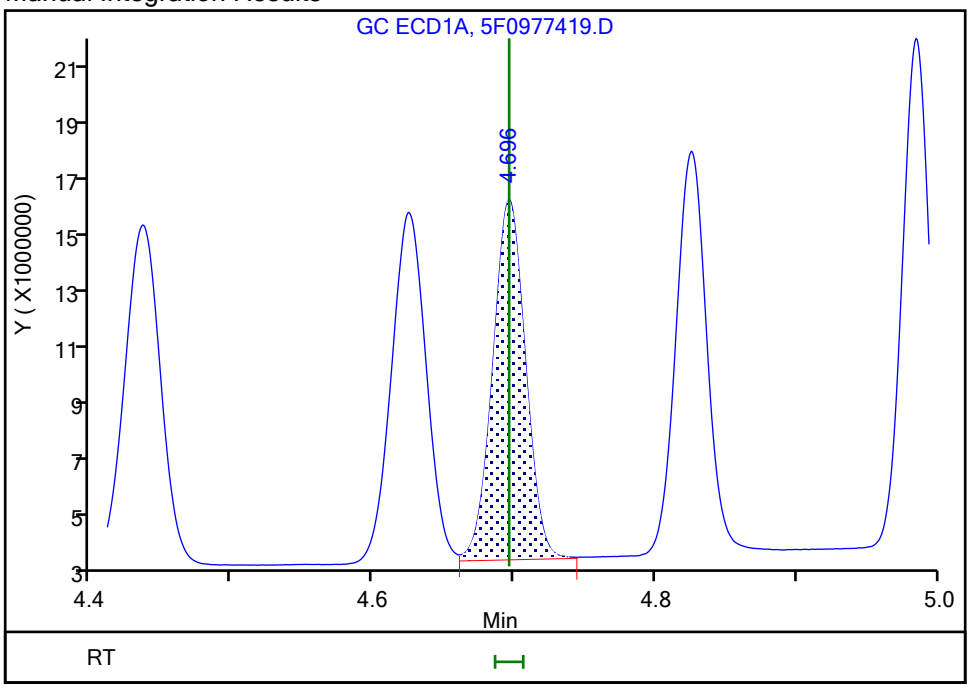
Processing Integration Results

RT: 4.70
Area: 19454457
Amount: 47.999360
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 19904625
Amount: 48.383532
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

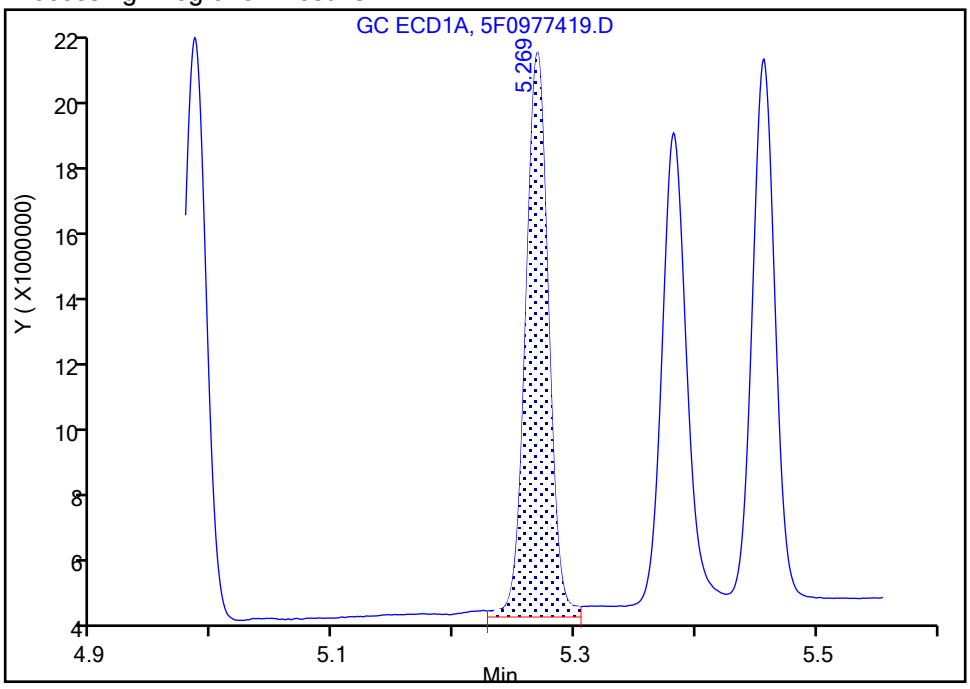
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

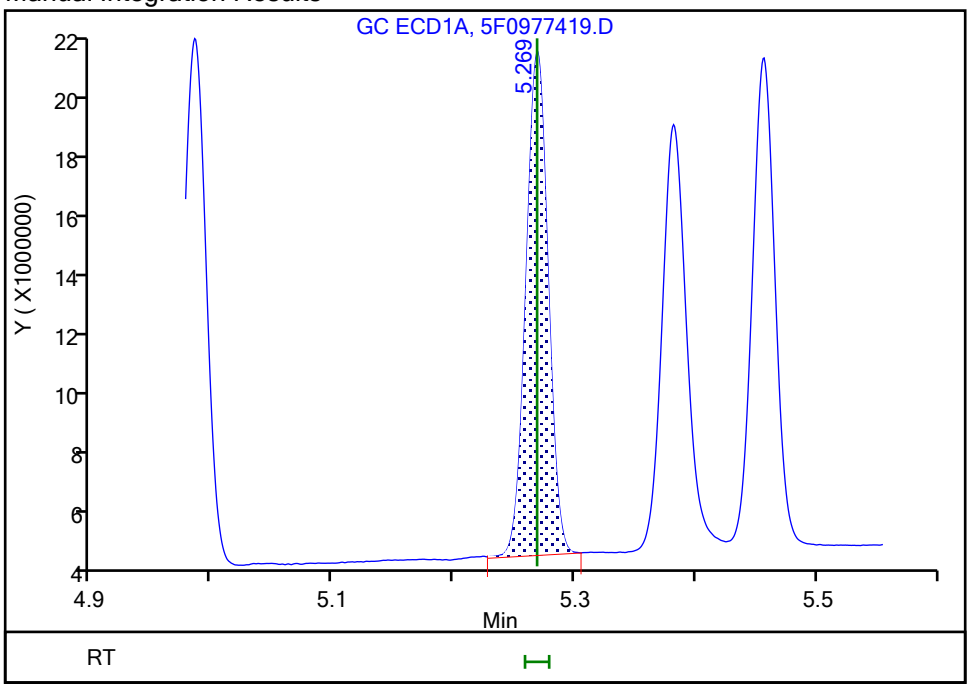
Processing Integration Results

RT: 5.27
Area: 22073300
Amount: 49.457763
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 21229999
Amount: 47.878549
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:20 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

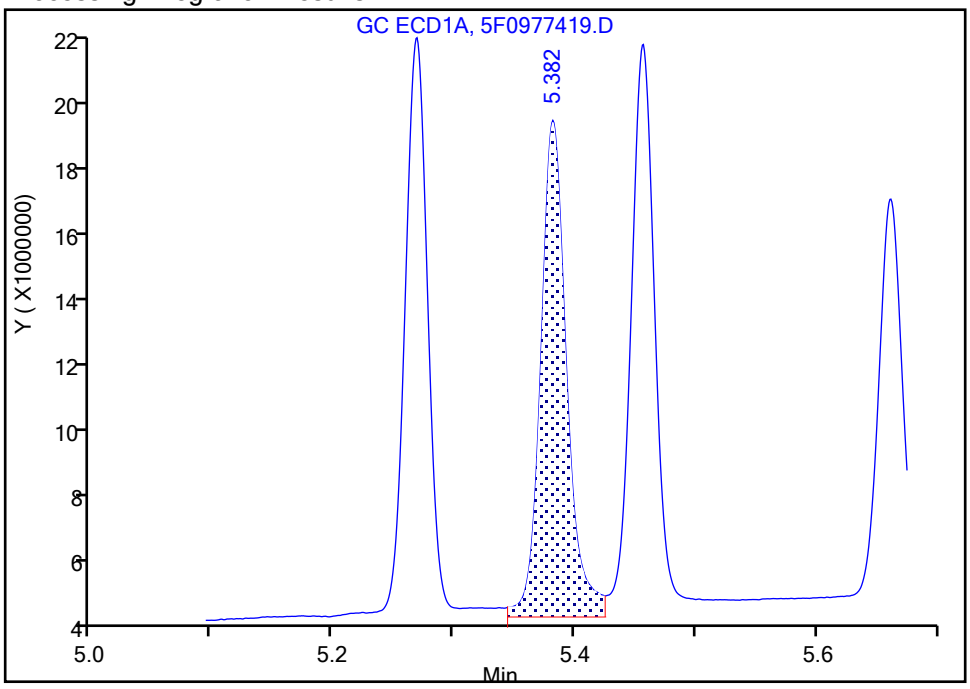
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

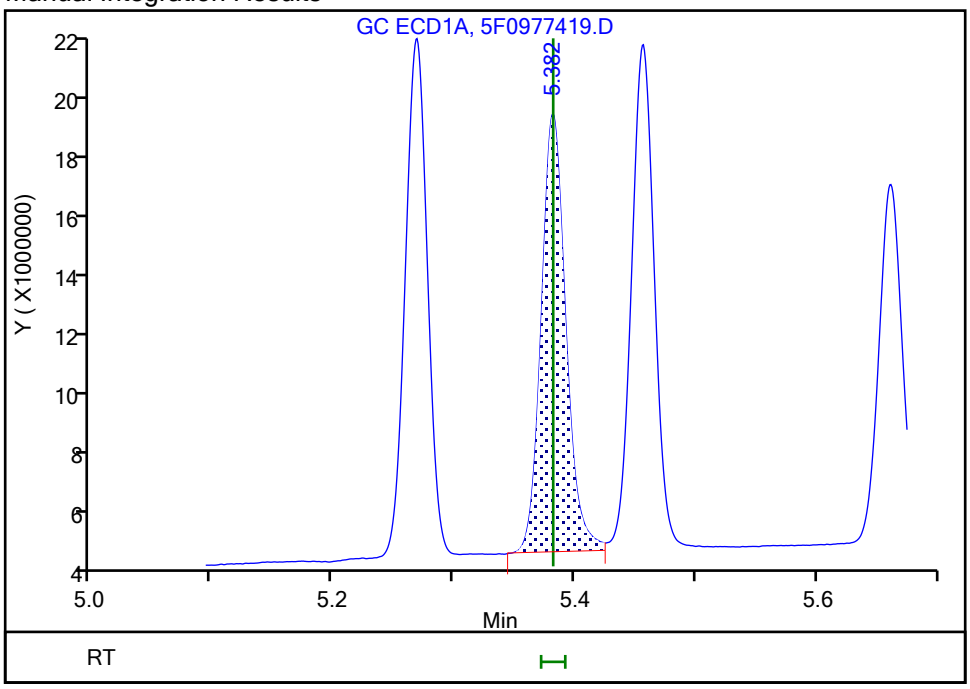
Processing Integration Results

RT: 5.38
Area: 21288850
Amount: 60.584191
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 19866689
Amount: 45.604313
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

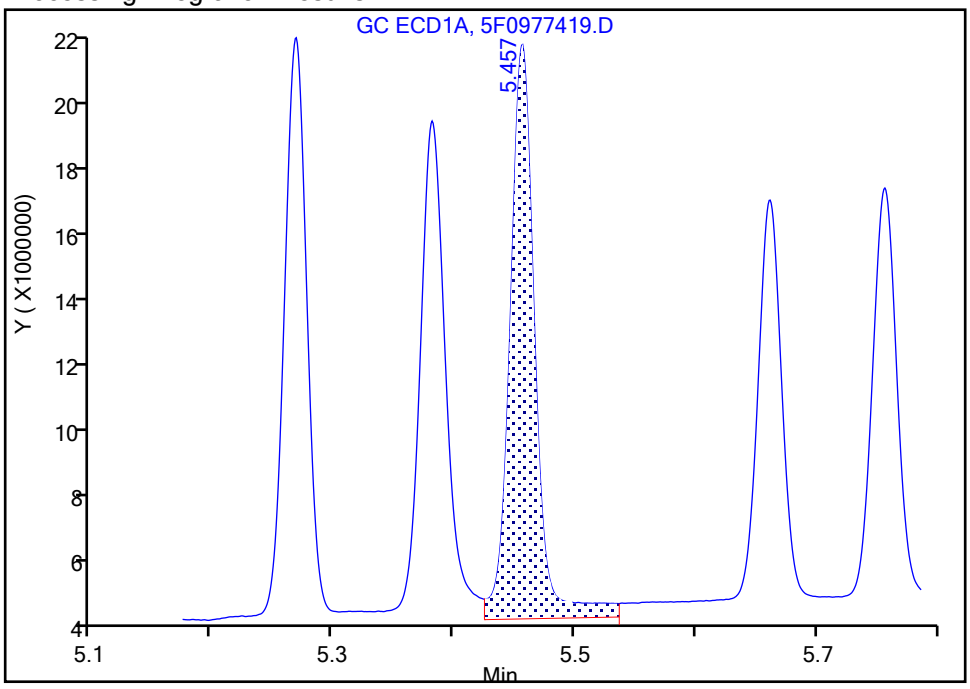
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

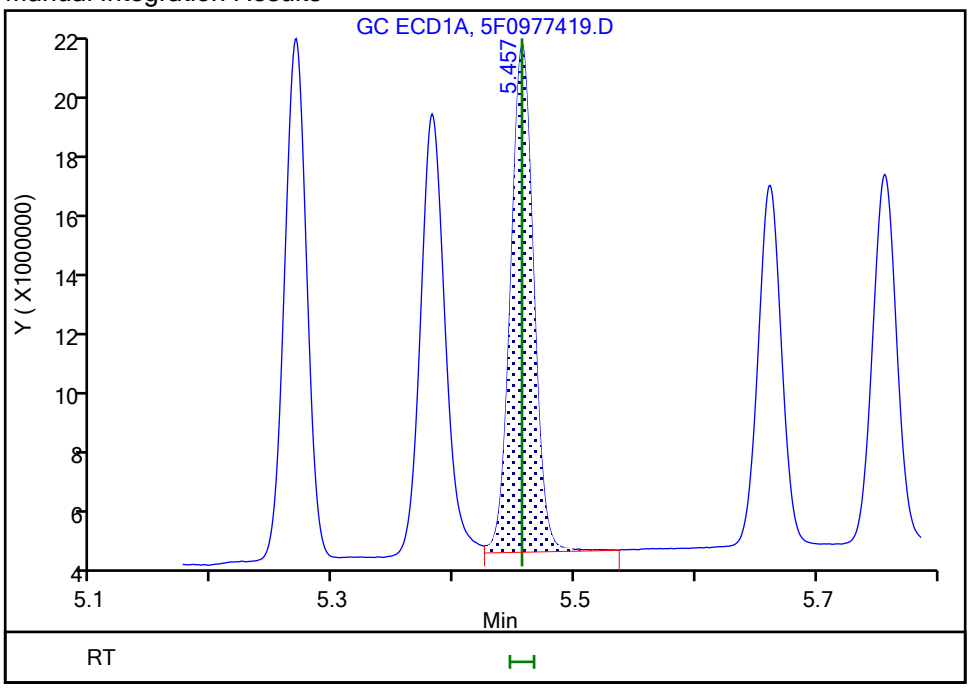
Processing Integration Results

RT: 5.46
Area: 23822118
Amount: 54.653439
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 21298881
Amount: 47.330208
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

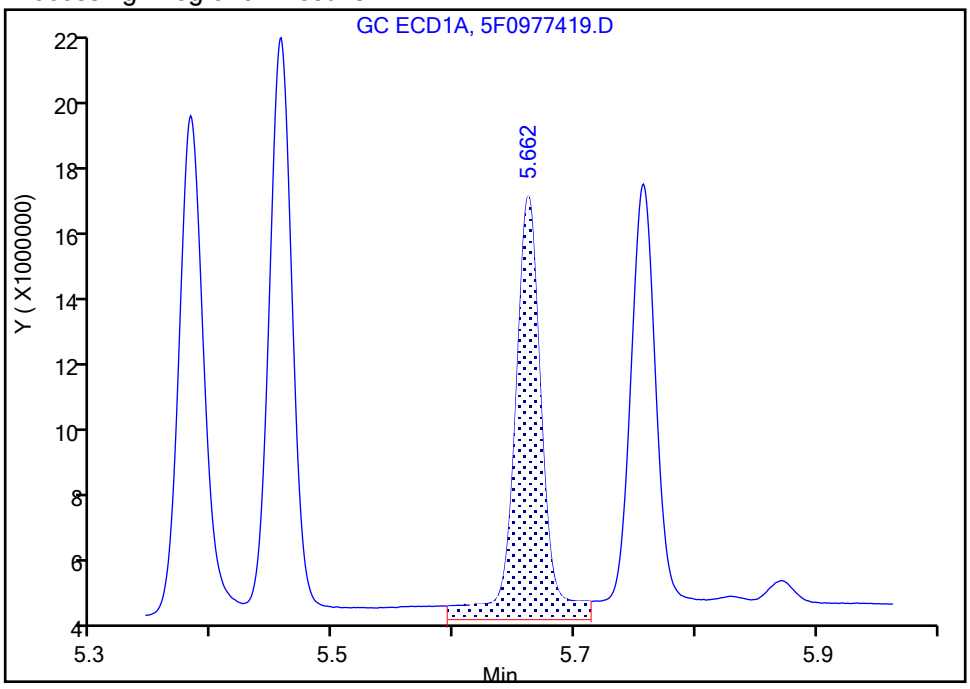
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

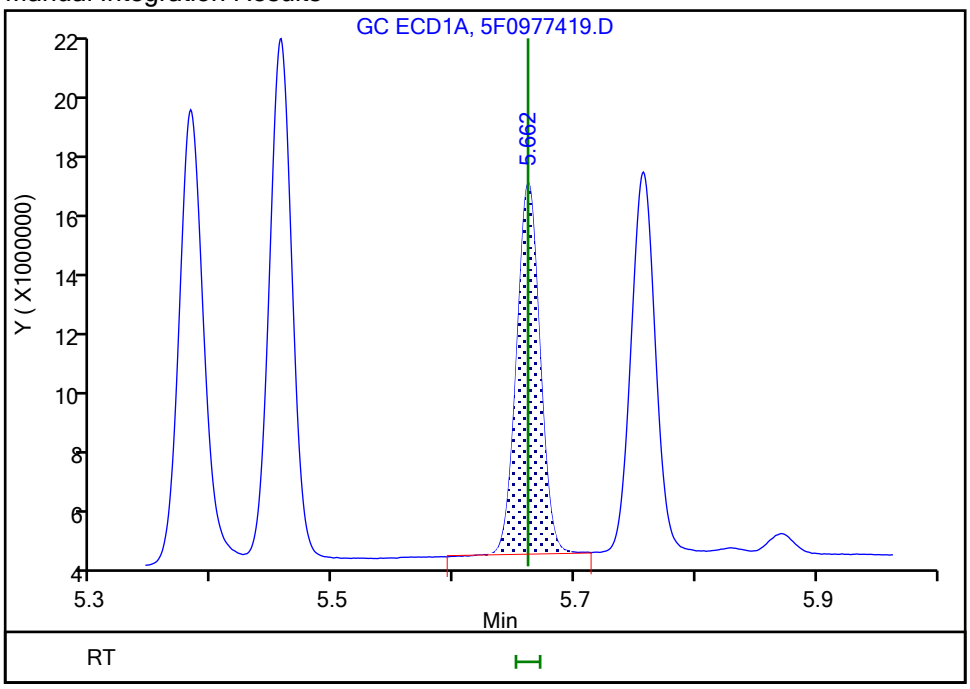
Processing Integration Results

RT: 5.66
Area: 18612188
Amount: 59.183712
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 15400372
Amount: 43.709413
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:24 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

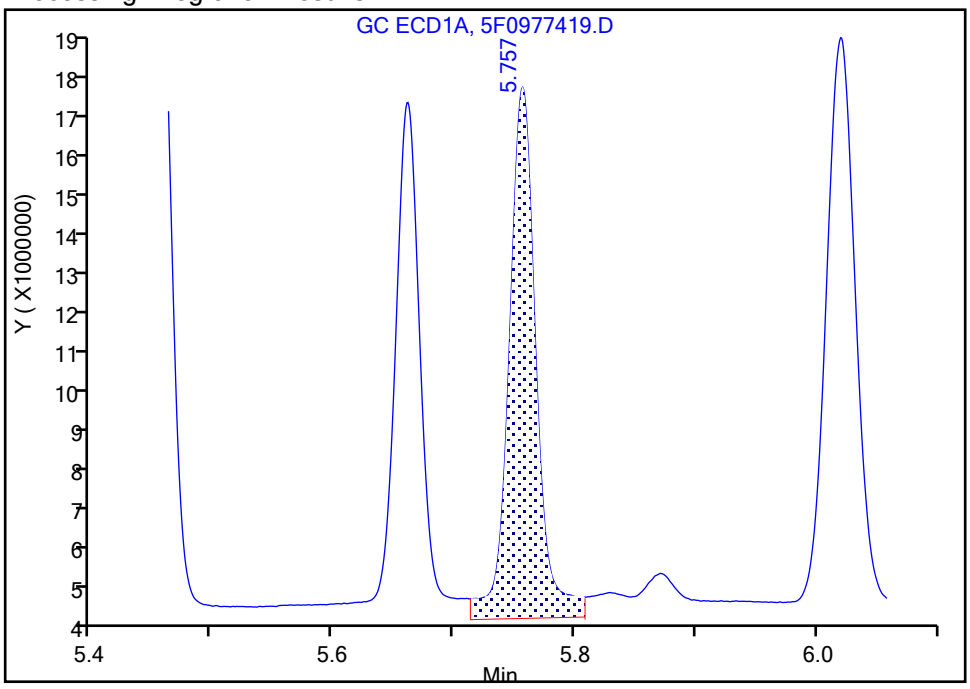
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

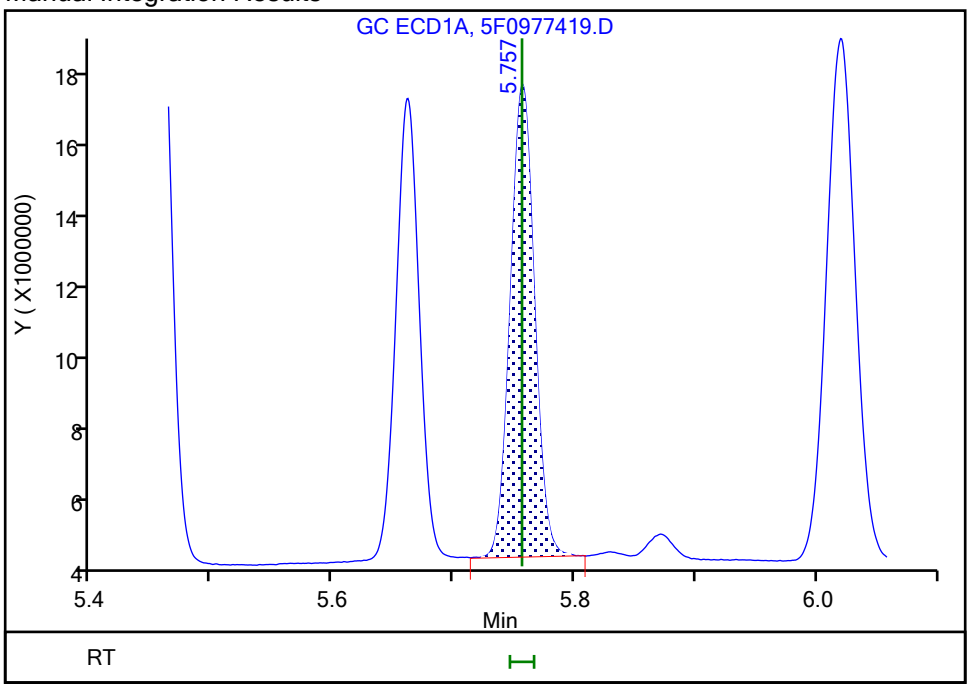
Processing Integration Results

RT: 5.76
Area: 19007680
Amount: 53.377464
Amount Units: ug/l




Manual Integration Results

RT: 5.76
Area: 16371647
Amount: 45.356983
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:25 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

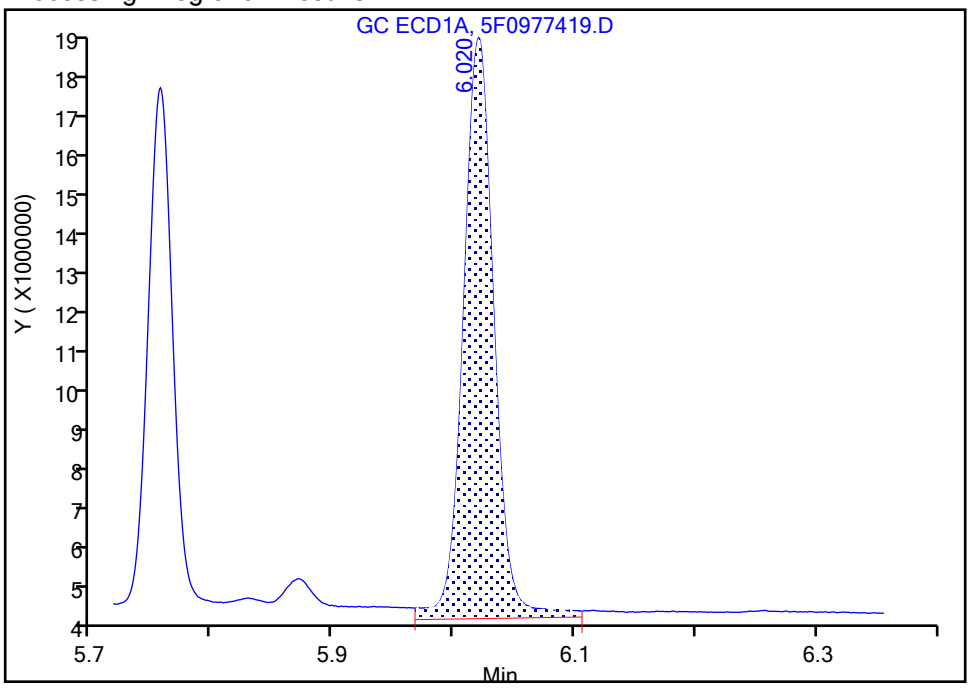
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 1

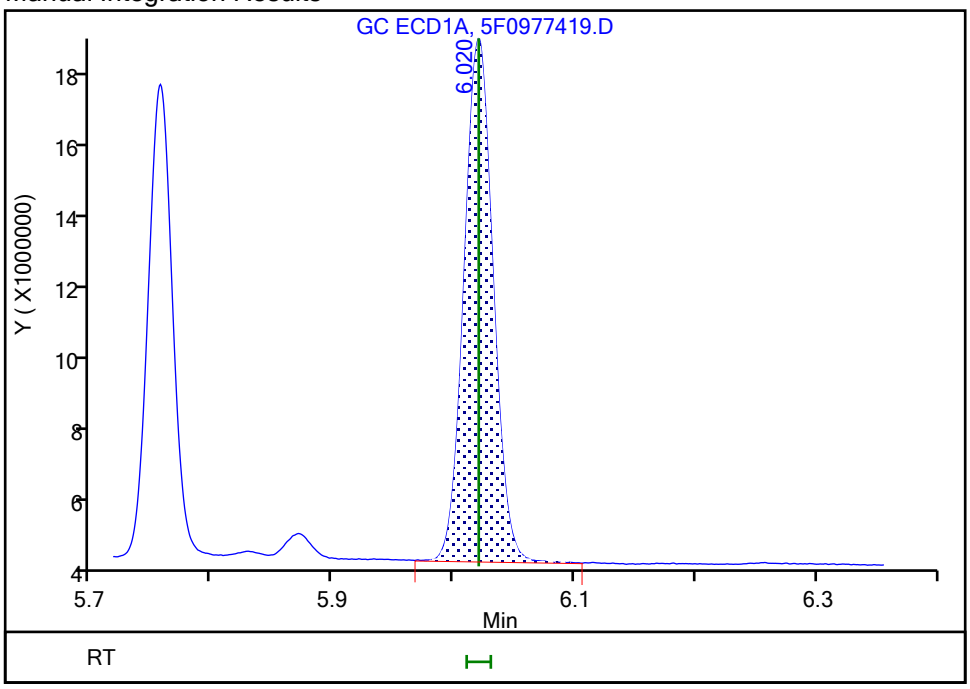
Processing Integration Results

RT: 6.02
Area: 23330770
Amount: 49.768563
Amount Units: ug/l




Manual Integration Results

RT: 6.02
Area: 21665234
Amount: 46.775662
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 10:01:21 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-006
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:50 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:47:37

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 32727461 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54337741 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 53090052 | 150.0 | 151.7 | |
| 2 | 2.001 | 1.999 | 0.002 | 96507486 | 150.0 | 146.4 | |
| | | | | | | RPD = 3.56 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 143204324 | 250.0 | 258.5 | |
| 2 | 2.337 | 2.334 | 0.003 | 242714992 | 250.0 | 245.5 | |
| | | | | | | RPD = 5.17 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 131888517 | 250.0 | 257.6 | M |
| 2 | 2.552 | 2.551 | 0.001 | 221859137 | 250.0 | 243.1 | M |
| | | | | | | RPD = 5.80 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 52808915 | 250.0 | 240.9 | M |
| 2 | 2.606 | 2.604 | 0.002 | 92759624 | 250.0 | 231.3 | M |
| | | | | | | RPD = 4.10 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.092 | 0.001 | 132087052 | 250.0 | 252.6 | M |
| 2 | 2.746 | 2.744 | 0.002 | 222769413 | 250.0 | 241.9 | |
| | | | | | | RPD = 4.31 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.167 | 0.001 | 126417440 | 250.0 | 245.3 | M |
| 2 | 2.927 | 2.925 | 0.002 | 227504054 | 250.0 | 236.0 | |
| | | | | | | RPD = 3.85 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.538 | 0.001 | 128102929 | 250.0 | 253.2 | |
| 2 | 3.196 | 3.194 | 0.002 | 230547494 | 250.0 | 241.3 | |
| | | | | | | RPD = 4.82 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 107752530 | 250.0 | 244.4 | |
| 2 | 3.815 | 3.814 | 0.001 | 198187633 | 250.0 | 229.7 | |
| | | | | | | RPD = 6.23 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 111682551 | 250.0 | 247.5 | |
| 2 | 3.947 | 3.945 | 0.002 | 205885193 | 250.0 | 234.3 | |
| | | | | | | RPD = 5.50 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 106950375 | 250.0 | 247.4 | M |
| 2 | 4.085 | 4.084 | 0.001 | 195635729 | 250.0 | 235.1 | |
| | | | | | | RPD = 5.08 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 104773418 | 250.0 | 252.0 | M |
| 2 | 4.233 | 4.231 | 0.002 | 189516936 | 250.0 | 244.4 | |
| | | | | | | RPD = 3.06 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.825 | 4.824 | 0.001 | 115733016 | 250.0 | 257.0 | |
| 2 | 4.166 | 4.165 | 0.001 | 204150064 | 250.0 | 250.8 | |
| | | | | | | RPD = 2.46 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.985 | 0.000 | 124765008 | 250.0 | 258.4 | |
| 2 | 4.505 | 4.504 | 0.001 | 213193897 | 250.0 | 243.0 | |
| | | | | | | RPD = 6.15 | |
| 20 Endrin | | | | | | | |
| 1 | 5.269 | 5.269 | 0.000 | 111487795 | 250.0 | 248.8 | |
| 2 | 4.767 | 4.766 | 0.001 | 192260716 | 250.0 | 239.5 | |
| | | | | | | RPD = 3.77 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.382 | -0.001 | 105689405 | 250.0 | 240.0 | M |
| 2 | 4.843 | 4.843 | 0.000 | 167964891 | 250.0 | 245.9 | |
| | | | | | | RPD = 2.41 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.456 | 0.000 | 108003435 | 250.0 | 237.5 | M |
| 2 | 4.979 | 4.979 | 0.000 | 165575950 | 250.0 | 243.1 | |
| | | | | | | RPD = 2.34 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.661 | 0.000 | 92711012 | 250.0 | 260.3 | M |
| 2 | 5.103 | 5.103 | 0.000 | 169750918 | 250.0 | 245.7 | |
| | | | | | | RPD = 5.77 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.756 | 0.000 | 81524577 | 250.0 | 223.5 | |
| 2 | 5.338 | 5.339 | -0.001 | 130537897 | 250.0 | 224.4 | |
| | | | | | | RPD = 0.41 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 109504079 | 250.0 | 233.9 | |
| 2 | 5.698 | 5.697 | 0.001 | 167494310 | 250.0 | 224.0 | |
| | | | | | | RPD = 4.33 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.464 | 6.463 | 0.001 | 45208215 | 250.0 | 263.1 | |
| 2 | 5.533 | 5.532 | 0.001 | 85701943 | 250.0 | 236.3 | |
| | | | | | | RPD = 10.73 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.582 | 6.580 | 0.002 | 87040666 | 250.0 | 233.8 | M |
| 2 | 5.601 | 5.600 | 0.001 | 133287422 | 250.0 | 227.8 | |
| | | | | | | RPD = 2.62 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 126503913 | 250.0 | 237.4 | M |
| 2 | 5.925 | 5.925 | 0.000 | 190268620 | 250.0 | 229.2 | |
| | | | | | | RPD = 3.52 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 76975251 | 150.0 | 144.5 | |
| 2 | 7.318 | 7.319 | -0.001 | 110908424 | 150.0 | 138.6 | |
| | | | | | | RPD = 4.18 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

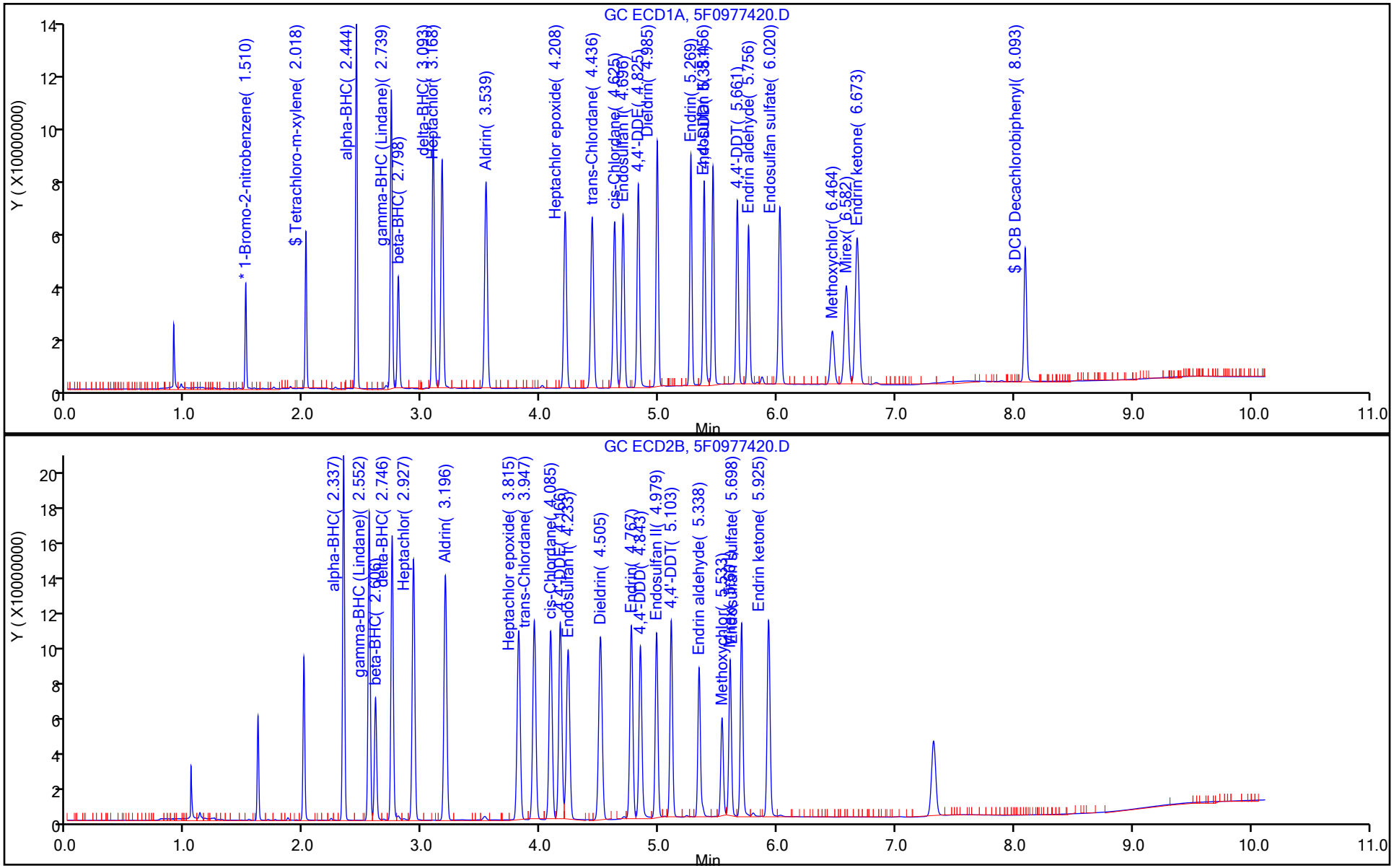
| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:01:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

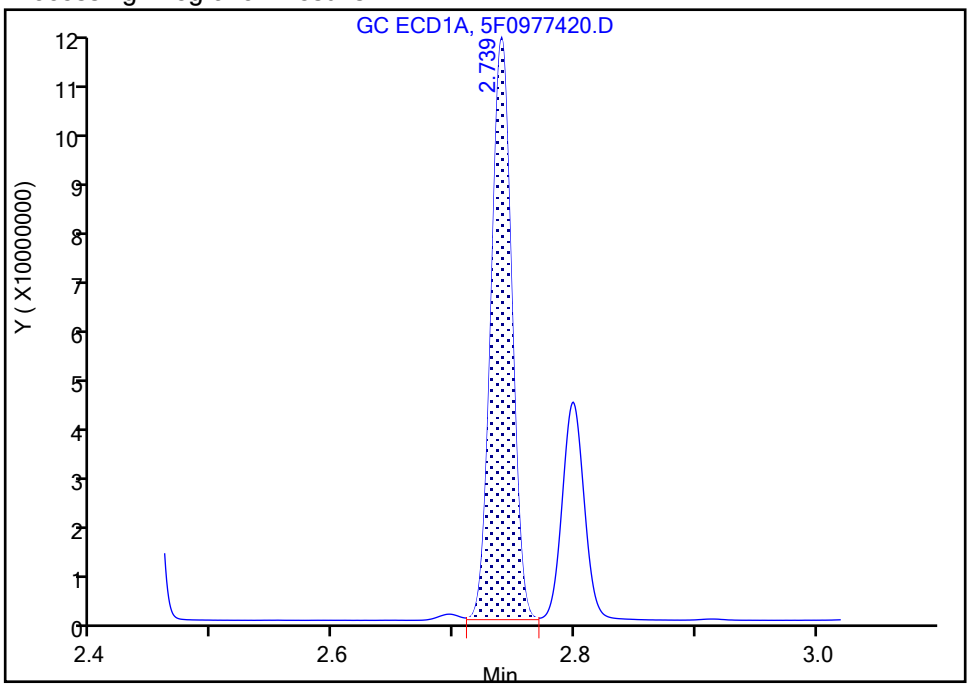
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

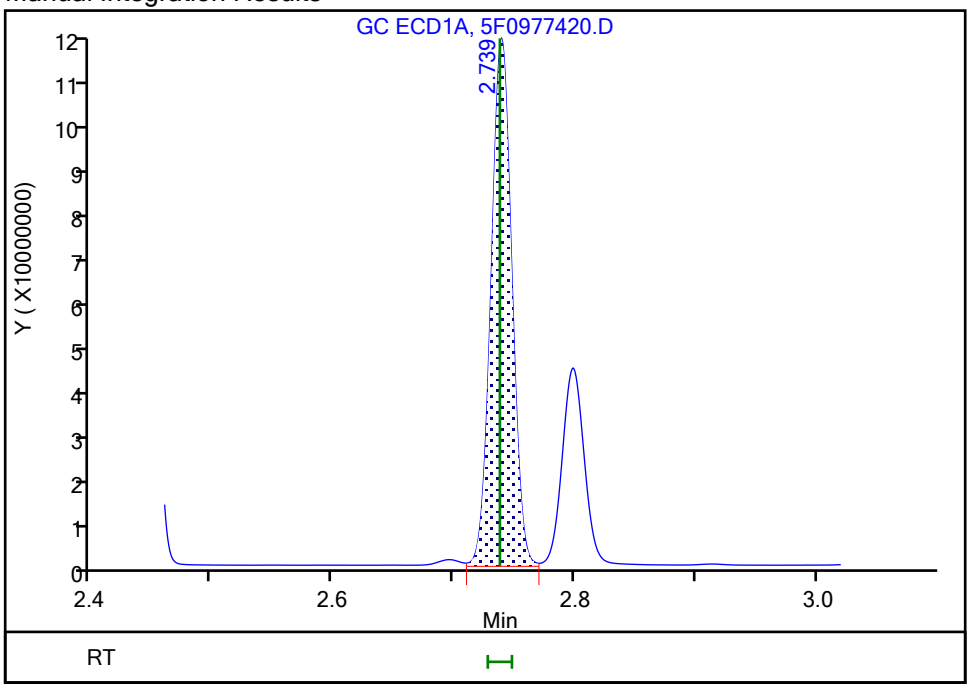
Processing Integration Results

RT: 2.74
Area: 130645009
Amount: 256.4616
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 131888517
Amount: 257.6299
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

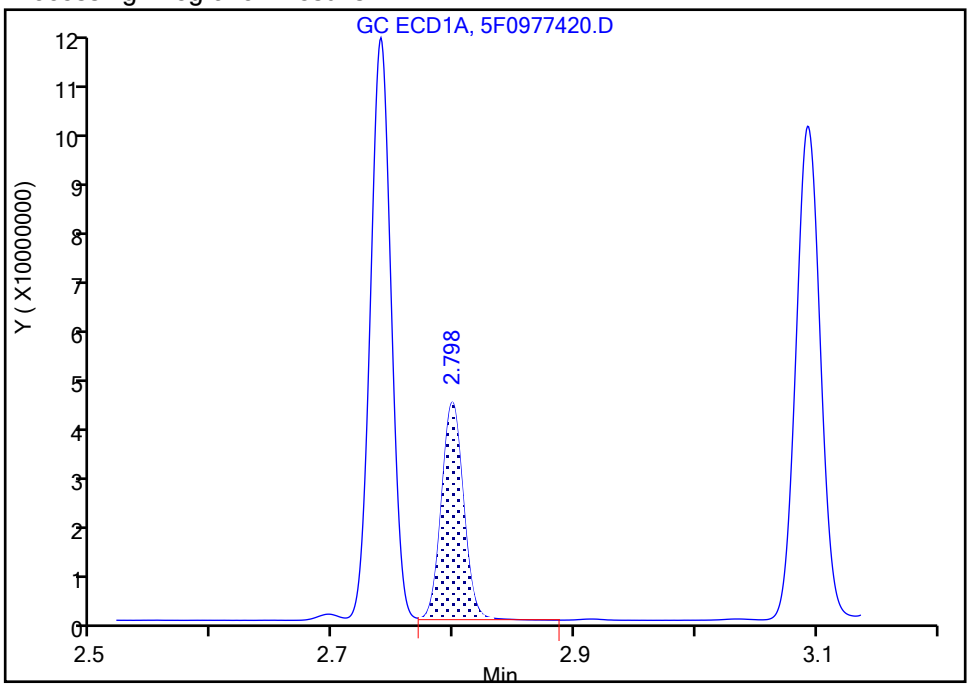
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

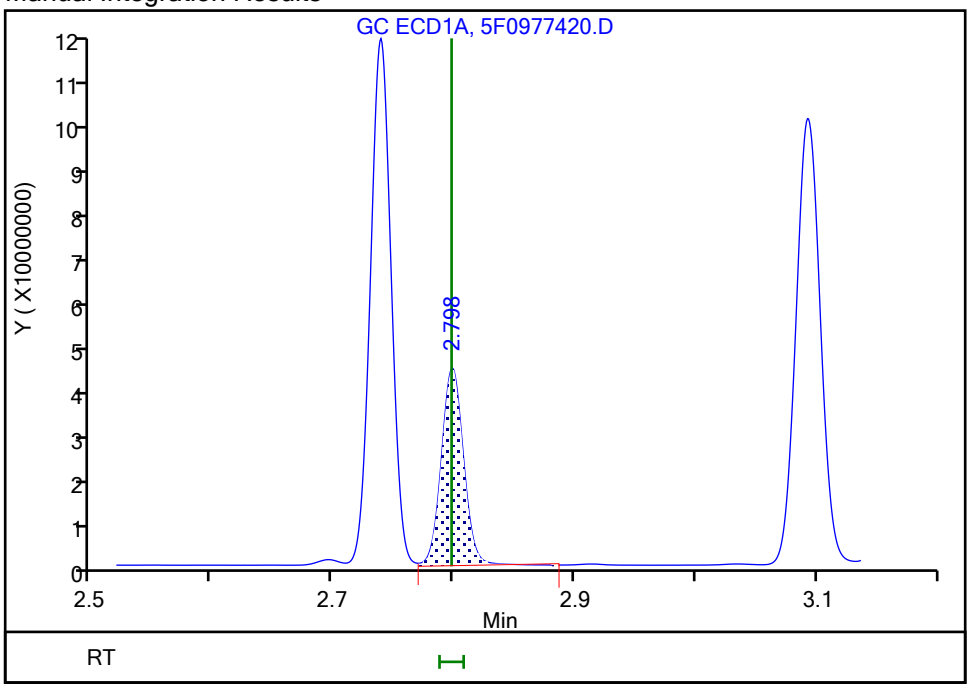
Processing Integration Results

RT: 2.80
Area: 51837701
Amount: 238.7720
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 52808915
Amount: 240.9416
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

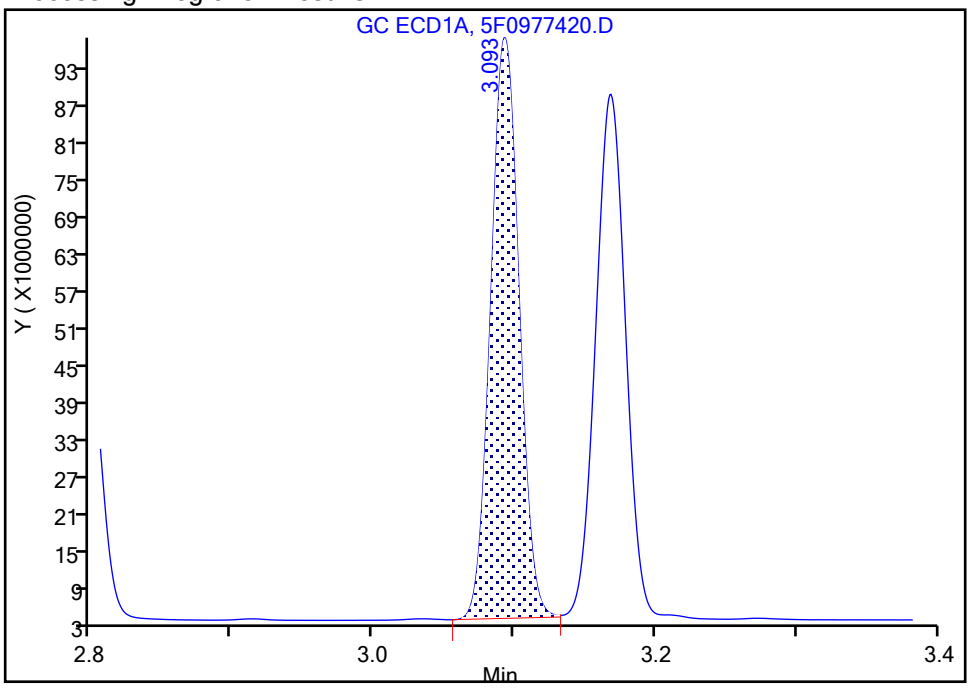
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

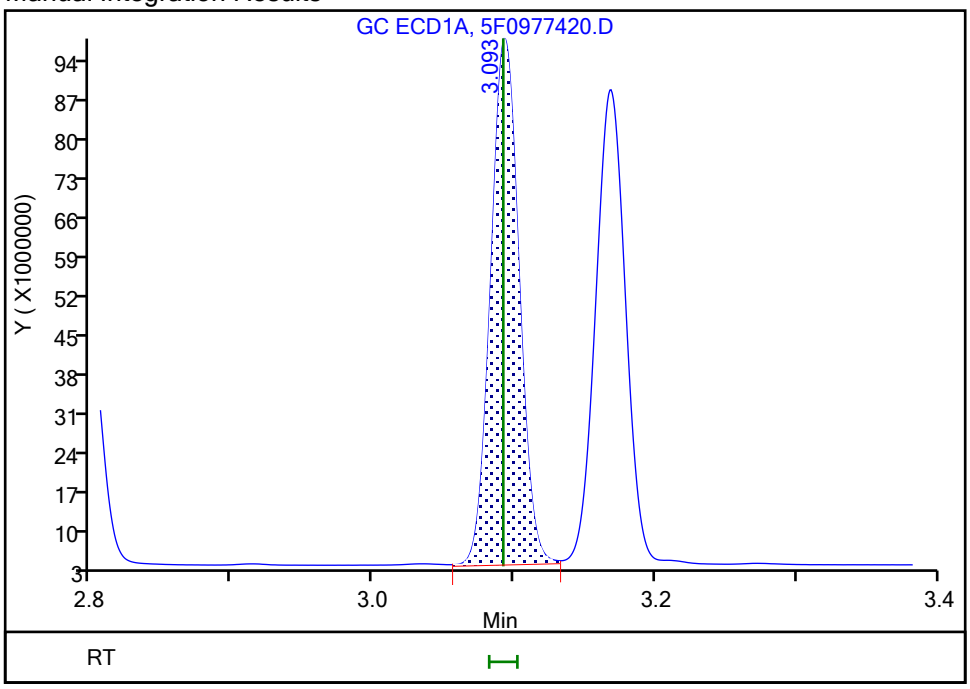
Processing Integration Results

RT: 3.09
Area: 130900342
Amount: 251.7977
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 132087052
Amount: 252.5649
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:16 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

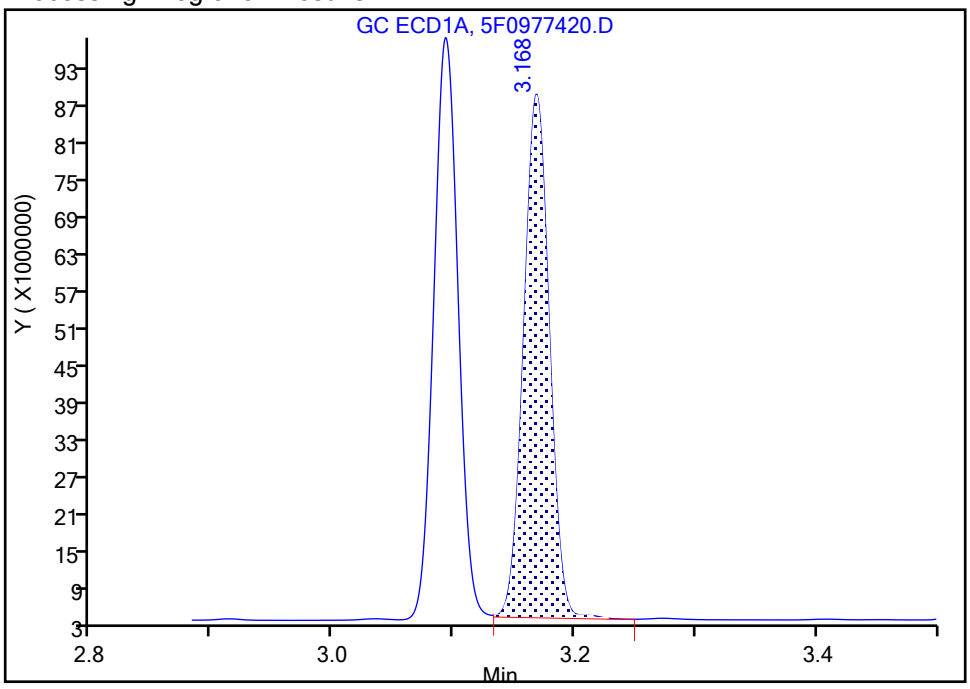
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

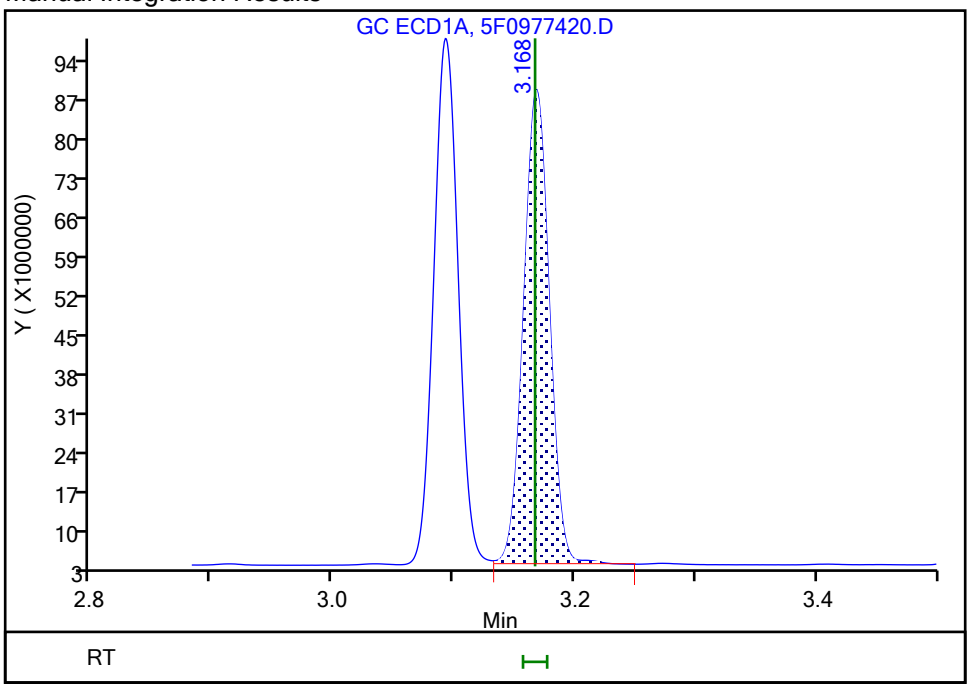
Processing Integration Results

RT: 3.17
Area: 124580630
Amount: 243.8179
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 126417440
Amount: 245.3017
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:16 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

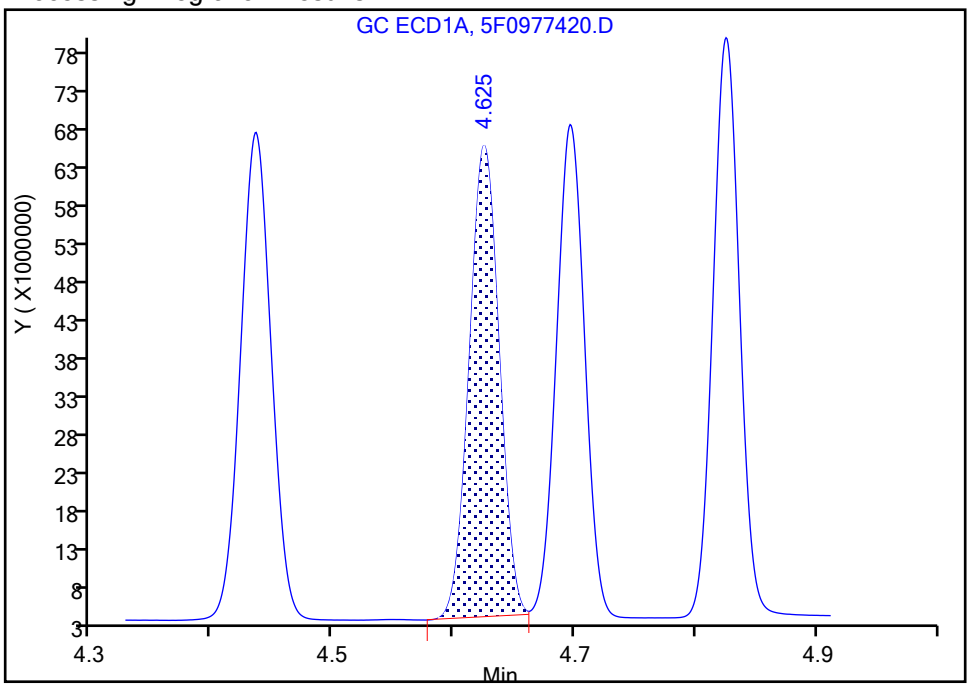
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

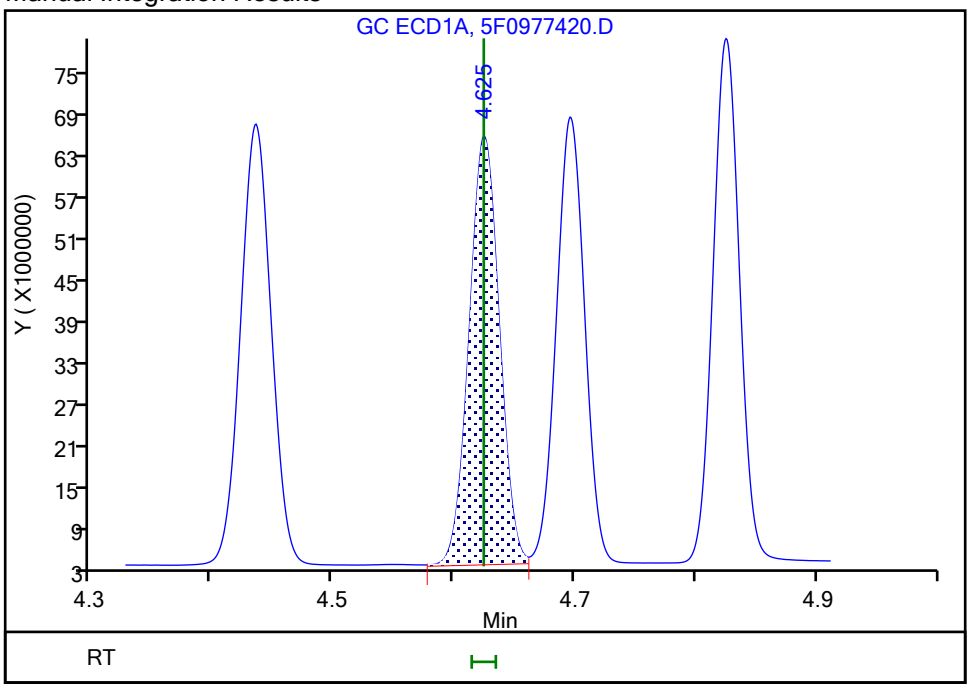
Processing Integration Results

RT: 4.63
Area: 105069884
Amount: 245.4691
Amount Units: ug/l




Manual Integration Results

RT: 4.63
Area: 106950375
Amount: 247.3775
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:21 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

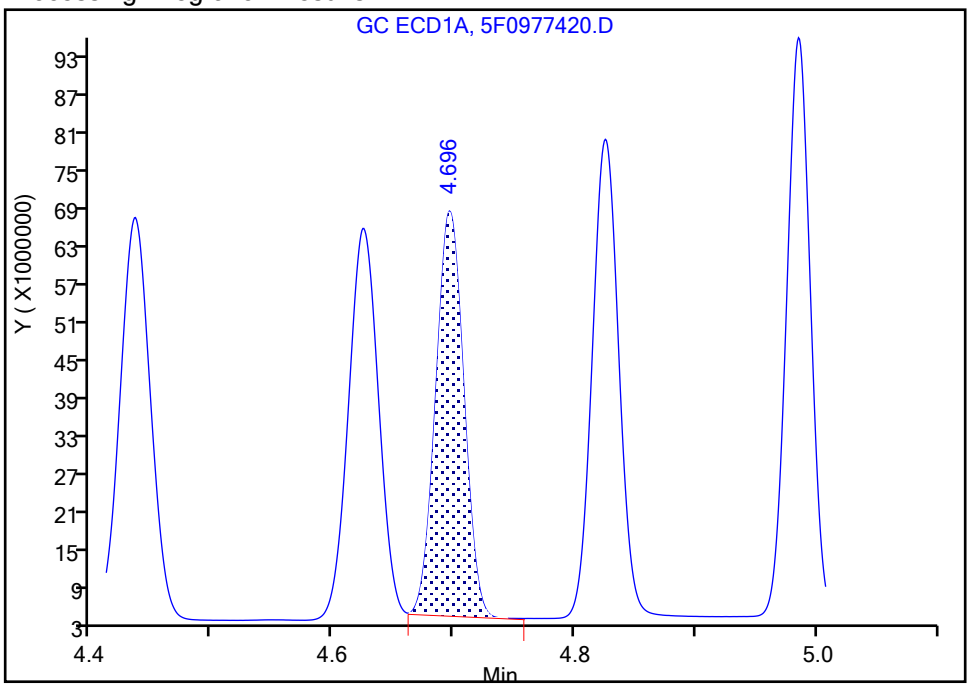
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

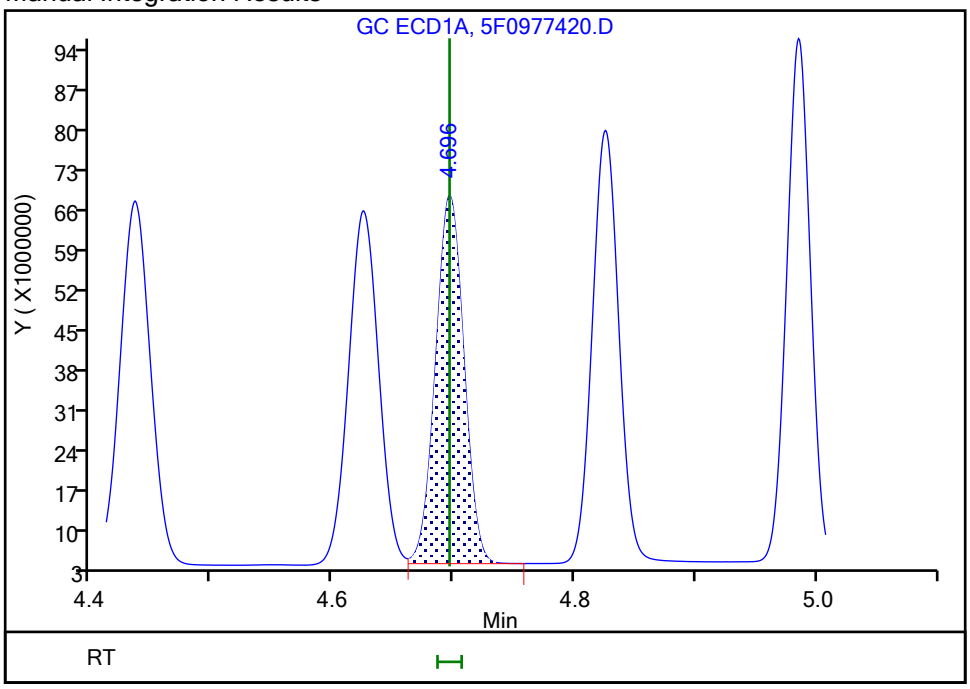
Processing Integration Results

RT: 4.70
Area: 102826284
Amount: 249.8949
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 104773418
Amount: 251.9746
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:21 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

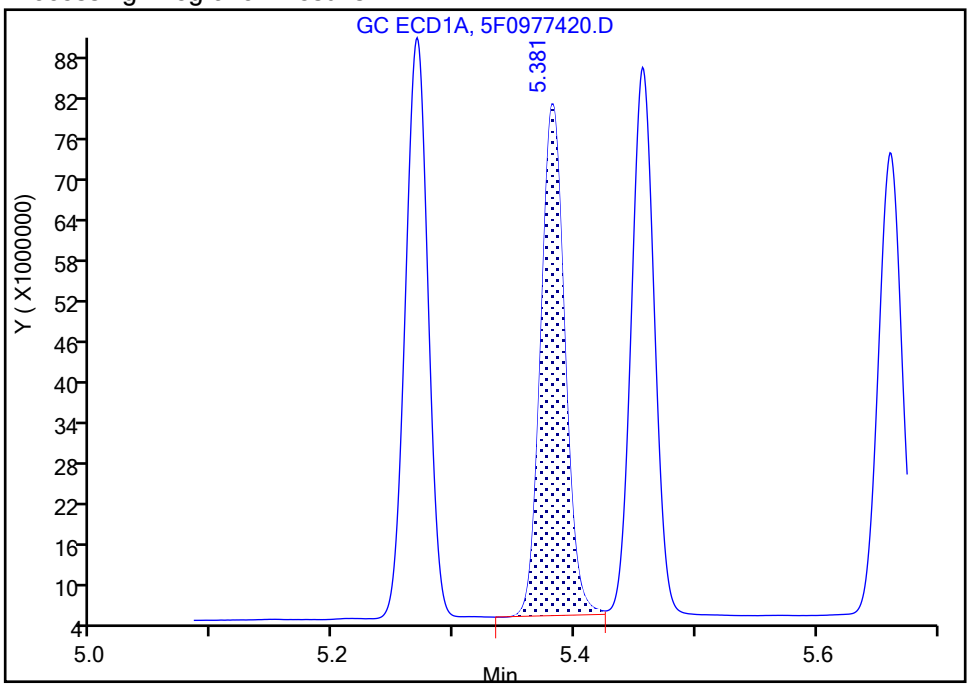
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

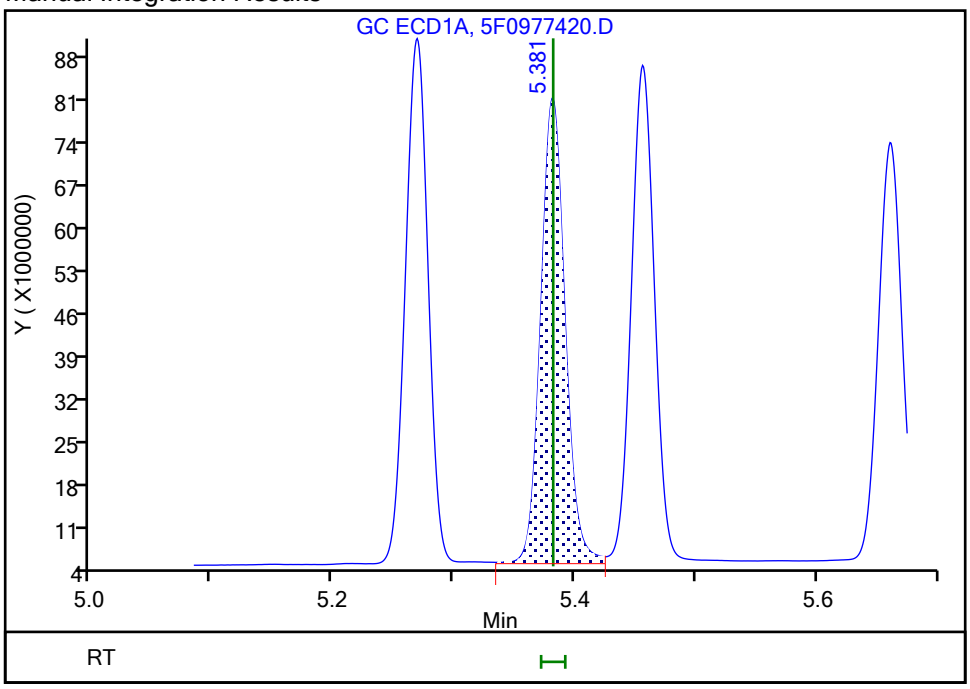
Processing Integration Results

RT: 5.38
Area: 104337530
Amount: 201.5885
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 105689405
Amount: 240.0347
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:23 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

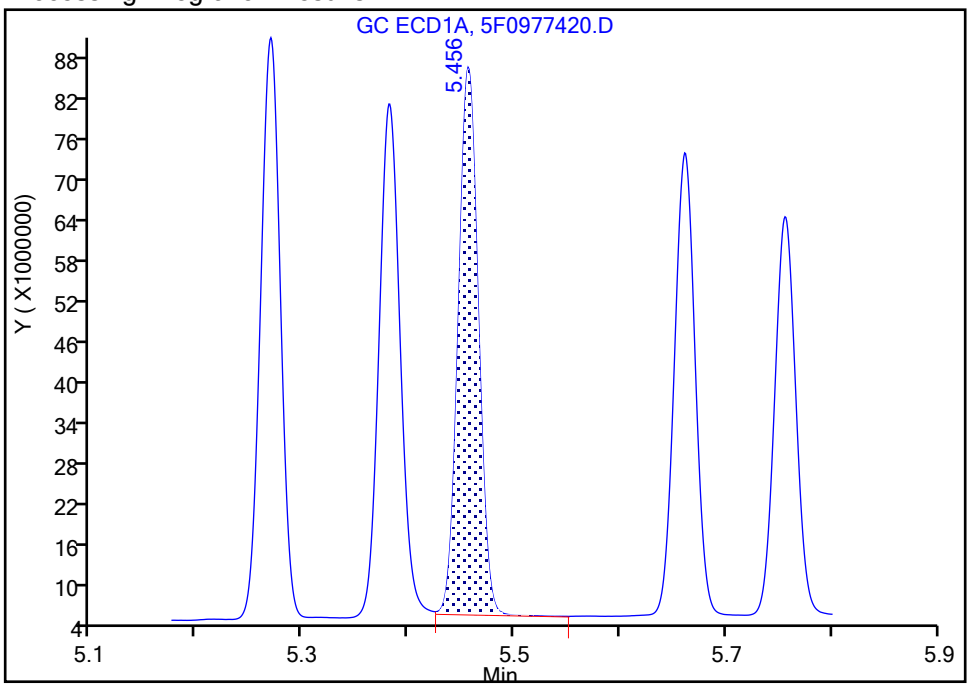
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

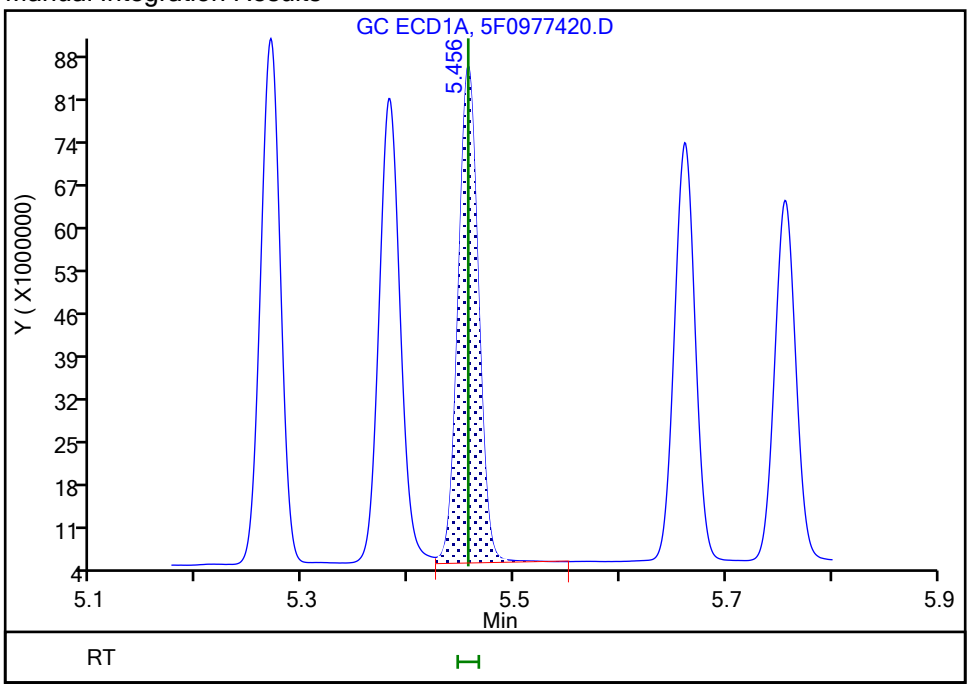
Processing Integration Results

RT: 5.46
Area: 106063940
Amount: 246.4572
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 108003435
Amount: 237.4550
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:23 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

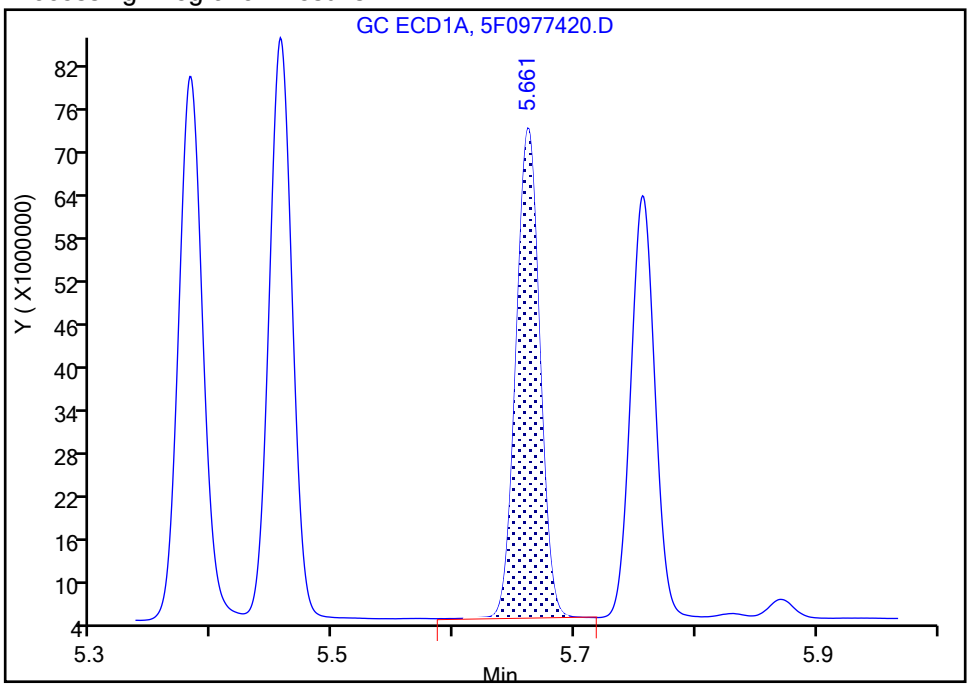
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

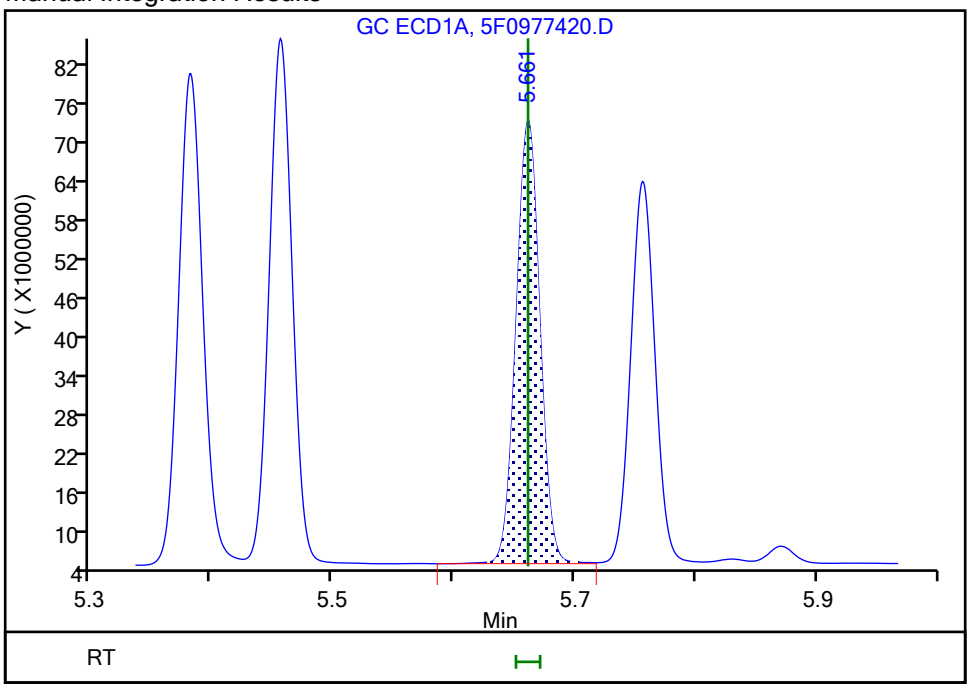
Processing Integration Results

RT: 5.66
Area: 93042216
Amount: 261.0736
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 92711012
Amount: 260.3378
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:55:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

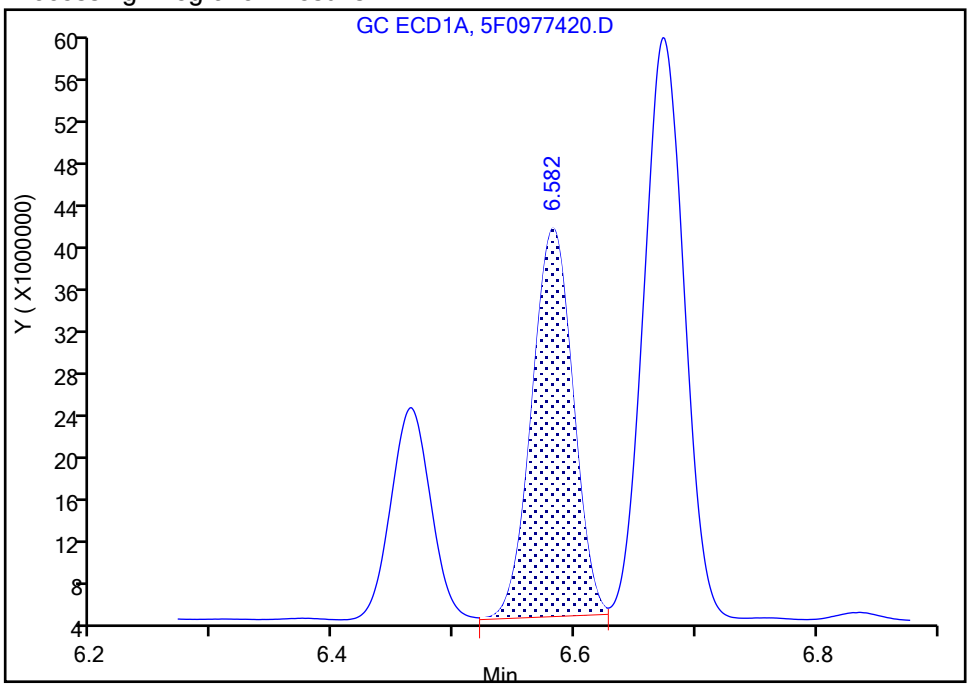
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

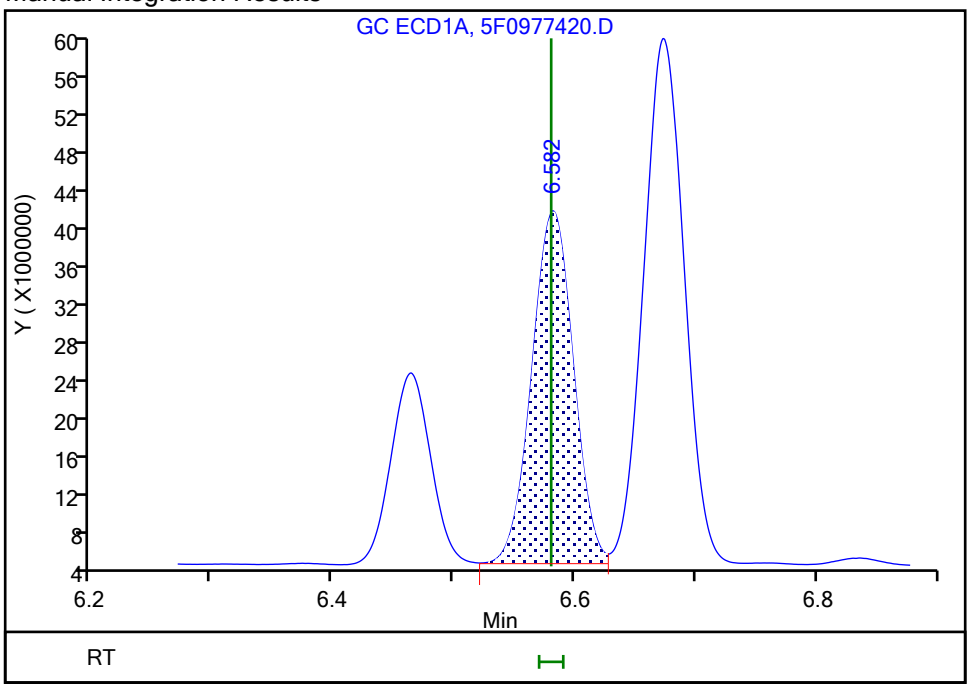
Processing Integration Results

RT: 6.58
Area: 85465680
Amount: 231.9389
Amount Units: ug/l




Manual Integration Results

RT: 6.58
Area: 87040666
Amount: 233.8003
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:25 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

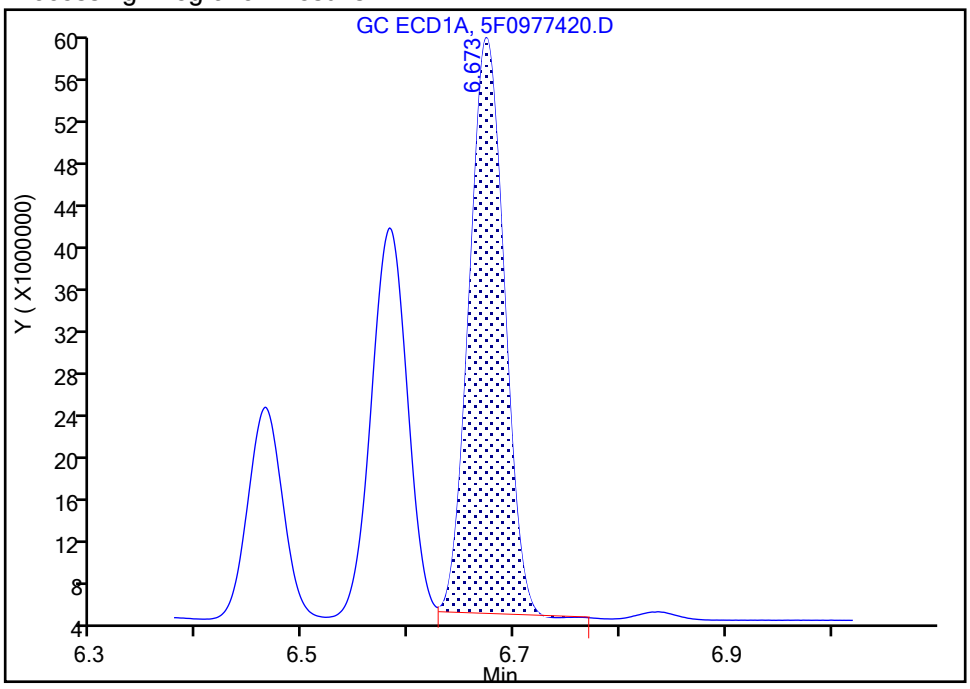
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

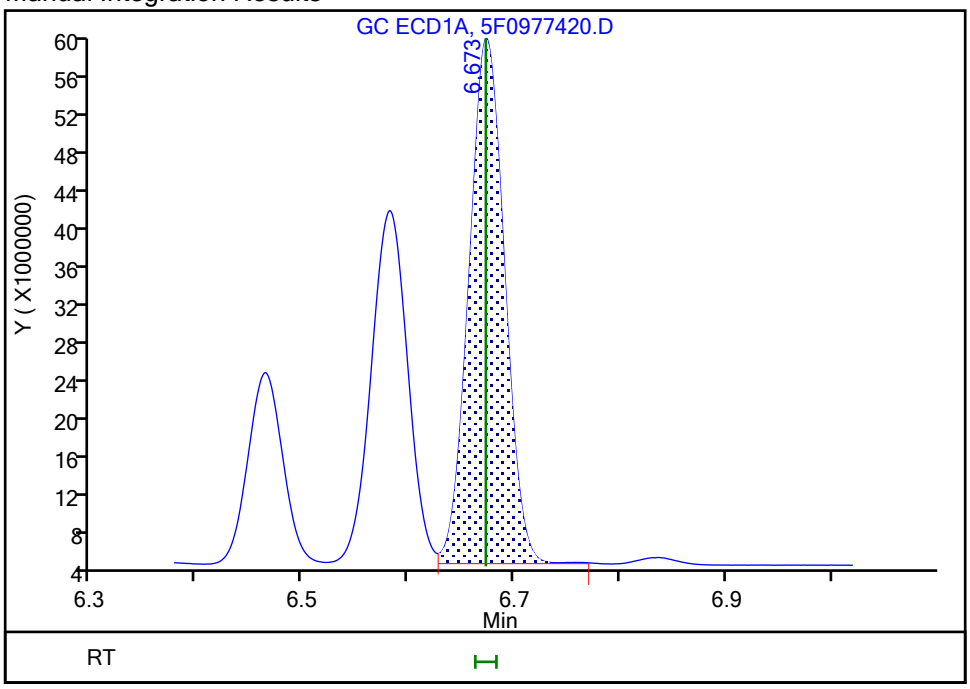
Processing Integration Results

RT: 6.67
Area: 124551332
Amount: 235.7924
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 126503913
Amount: 237.4475
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:25 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 10:14:17 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:55 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:48:19

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 23011540 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 40274228 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 57728760 | 200.0 | 234.6 | |
| 2 | 2.001 | 1.999 | 0.002 | 105138405 | 200.0 | 215.1 | |
| | | | | | | RPD = 8.64 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 245319192 | 500.0 | 629.8 | |
| 2 | 2.337 | 2.334 | 0.003 | 401827802 | 500.0 | 548.3 | |
| | | | | | | RPD = 13.83 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 223914787 | 500.0 | 622.1 | M |
| 2 | 2.552 | 2.551 | 0.001 | 368019804 | 500.0 | 544.1 | M |
| | | | | | | RPD = 13.38 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.797 | 2.798 | -0.001 | 88904240 | 500.0 | 576.9 | M |
| 2 | 2.606 | 2.604 | 0.002 | 153054022 | 500.0 | 514.8 | M |
| | | | | | | RPD = 11.37 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.092 | 3.092 | 0.000 | 228927577 | 500.0 | 622.6 | M |
| 2 | 2.747 | 2.744 | 0.003 | 374642440 | 500.0 | 548.9 | |
| | | | | | | RPD = 12.57 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.167 | 3.167 | 0.000 | 214357275 | 500.0 | 591.6 | M |
| 2 | 2.927 | 2.925 | 0.002 | 375220526 | 500.0 | 525.2 | |
| | | | | | | RPD = 11.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 220215069 | 500.0 | 619.1 | |
| 2 | 3.196 | 3.194 | 0.002 | 383664140 | 500.0 | 541.8 | |
| | | | | | | RPD = 13.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.207 | 0.000 | 183713123 | 500.0 | 592.7 | |
| 2 | 3.815 | 3.814 | 0.001 | 326563472 | 500.0 | 510.6 | |
| | | | | | | RPD = 14.89 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.437 | 4.436 | 0.001 | 192417815 | 500.0 | 606.5 | |
| 2 | 3.947 | 3.945 | 0.002 | 344717596 | 500.0 | 529.3 | |
| | | | | | | RPD = 13.61 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 187249430 | 500.0 | 616.0 | M |
| 2 | 4.085 | 4.084 | 0.001 | 332236776 | 500.0 | 538.7 | M |
| | | | | | | RPD = 13.38 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.696 | 0.001 | 173959783 | 500.0 | 595.0 | M |
| 2 | 4.232 | 4.231 | 0.001 | 310532692 | 500.0 | 540.3 | M |
| | | | | | | RPD = 9.64 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.825 | 4.824 | 0.001 | 199675232 | 500.0 | 630.7 | |
| 2 | 4.167 | 4.165 | 0.002 | 346686775 | 500.0 | 574.7 | M |
| | | | | | | RPD = 9.31 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.985 | 0.001 | 211514978 | 500.0 | 623.1 | |
| 2 | 4.506 | 4.504 | 0.002 | 357922898 | 500.0 | 550.5 | |
| | | | | | | RPD = 12.39 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 193668893 | 500.0 | 614.6 | M |
| 2 | 4.767 | 4.766 | 0.001 | 325199846 | 500.0 | 546.7 | |
| | | | | | | RPD = 11.70 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.382 | -0.001 | 209225178 | 500.0 | 675.8 | M |
| 2 | 4.843 | 4.843 | 0.000 | 283289290 | 500.0 | 559.5 | |
| | | | | | | RPD = 18.82 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 138681309 | 500.0 | 433.6 | M |
| 2 | 4.980 | 4.979 | 0.001 | 209877062 | 500.0 | 415.7 | |
| | | | | | | RPD = 4.23 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.661 | 0.000 | 163178539 | 500.0 | 651.7 | M |
| 2 | 5.103 | 5.103 | 0.000 | 287875297 | 500.0 | 562.3 | |
| | | | | | | RPD = 14.73 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.756 | 5.756 | 0.000 | 140296185 | 500.0 | 546.9 | M |
| 2 | 5.338 | 5.339 | -0.001 | 221160592 | 500.0 | 512.9 | |
| | | | | | | RPD = 6.42 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 188579291 | 500.0 | 572.9 | |
| 2 | 5.697 | 5.697 | 0.000 | 282158423 | 500.0 | 509.1 | |
| | | | | | | RPD = 11.80 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.463 | 6.463 | 0.000 | 78090513 | 500.0 | 646.4 | |
| 2 | 5.532 | 5.532 | 0.000 | 143342521 | 500.0 | 533.3 | M |
| | | | | | | RPD = 19.17 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.582 | 6.580 | 0.002 | 147065872 | 500.0 | 561.8 | M |
| 2 | 5.601 | 5.600 | 0.001 | 220784045 | 500.0 | 509.0 | M |
| | | | | | | RPD = 9.87 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 215086057 | 500.0 | 574.2 | M |
| 2 | 5.926 | 5.925 | 0.001 | 313689176 | 500.0 | 509.9 | |
| | | | | | | RPD = 11.86 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.093 | -0.001 | 83883972 | 200.0 | 224.0 | |
| 2 | 7.321 | 7.319 | 0.002 | 122271546 | 200.0 | 206.2 | |
| | | | | | | RPD = 8.29 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

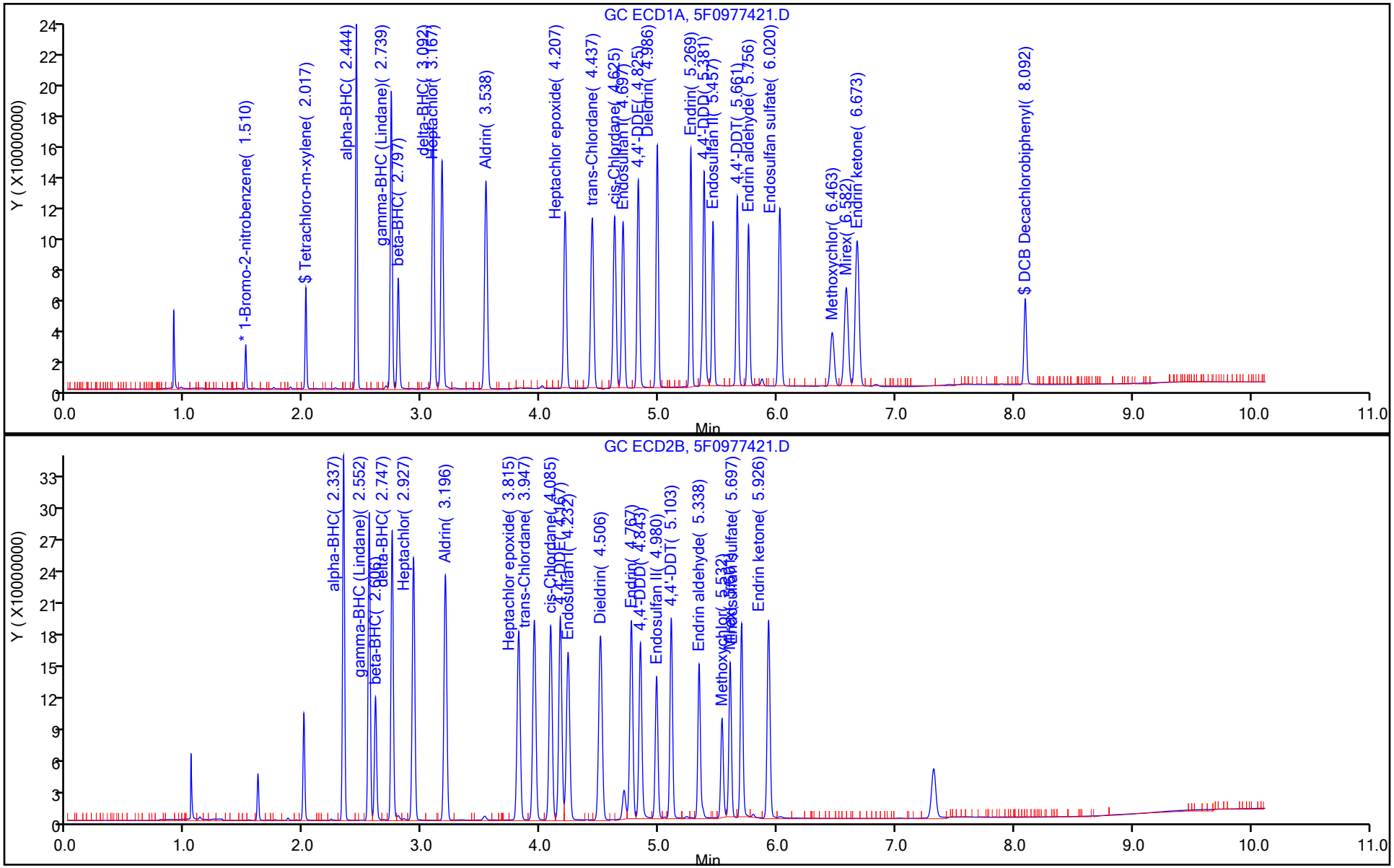
| | | | |
|---|---|---|---|
| SGPESTL5_00043 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:56 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:14:17 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

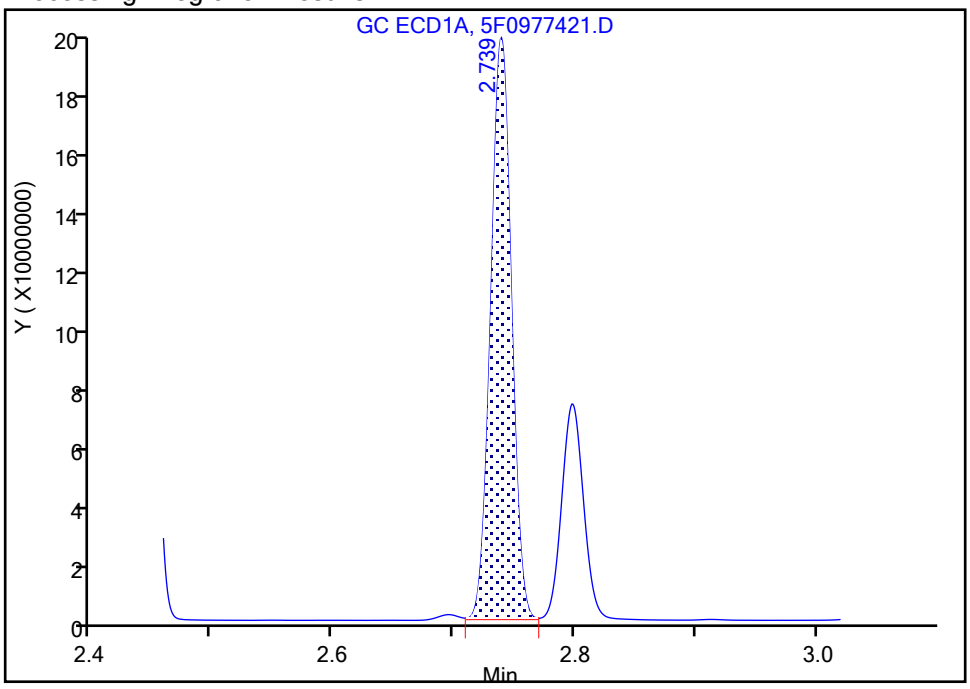
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

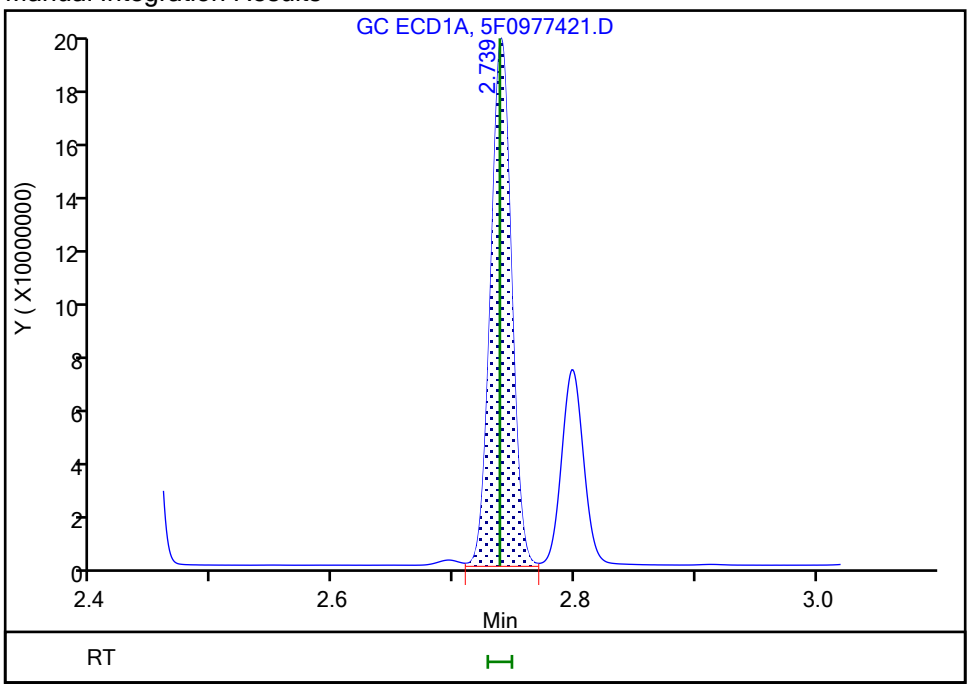
Processing Integration Results

RT: 2.74
Area: 222747461
Amount: 620.6713
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 223914787
Amount: 622.0691
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:49 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

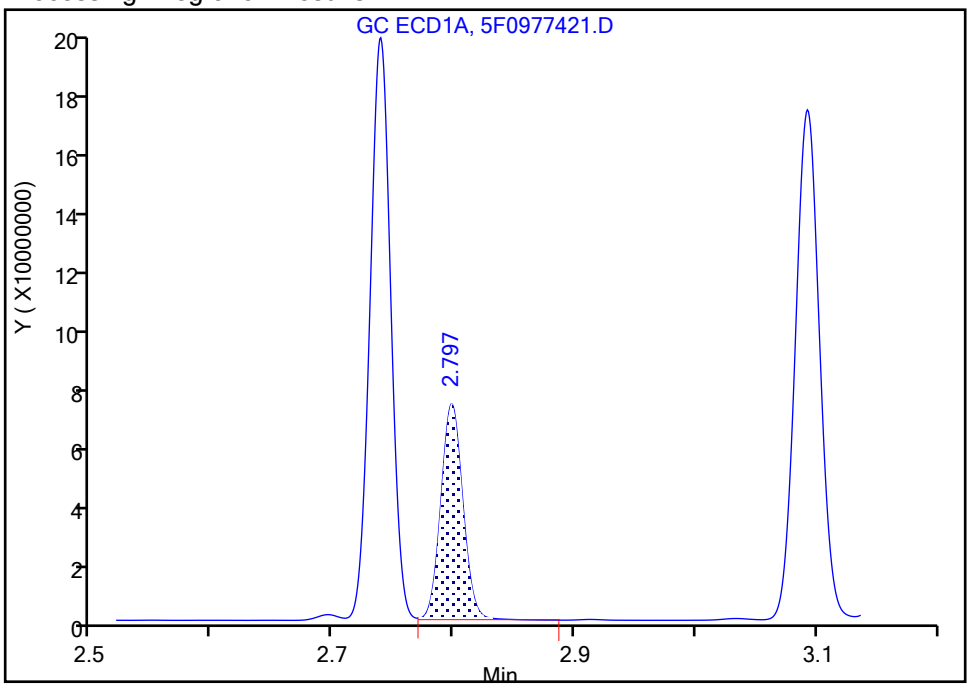
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

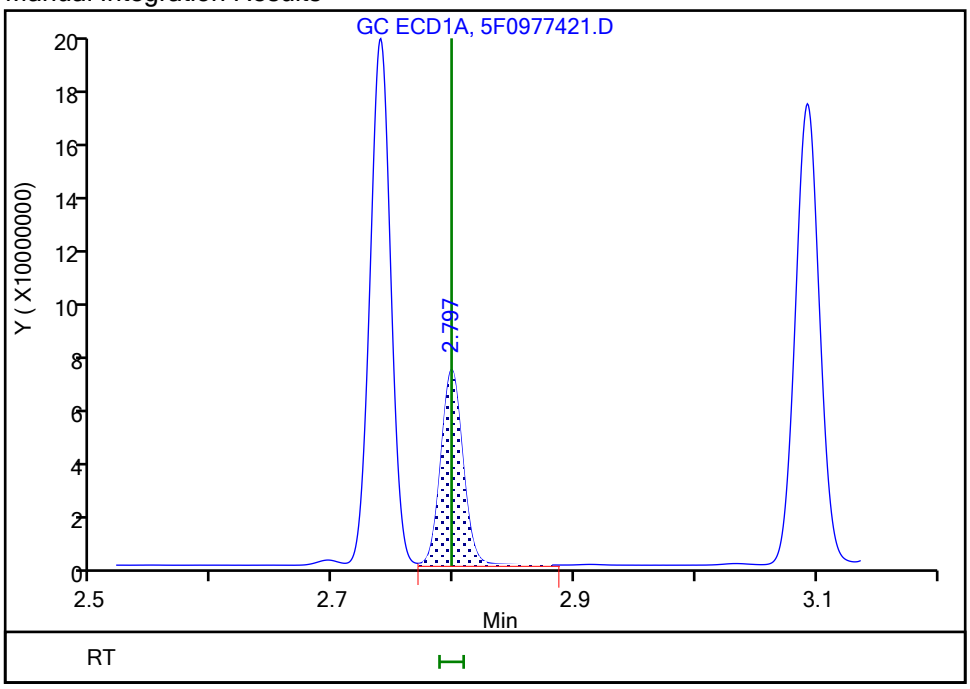
Processing Integration Results

RT: 2.80
Area: 87410905
Amount: 570.5826
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 88904240
Amount: 576.8908
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:49 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison

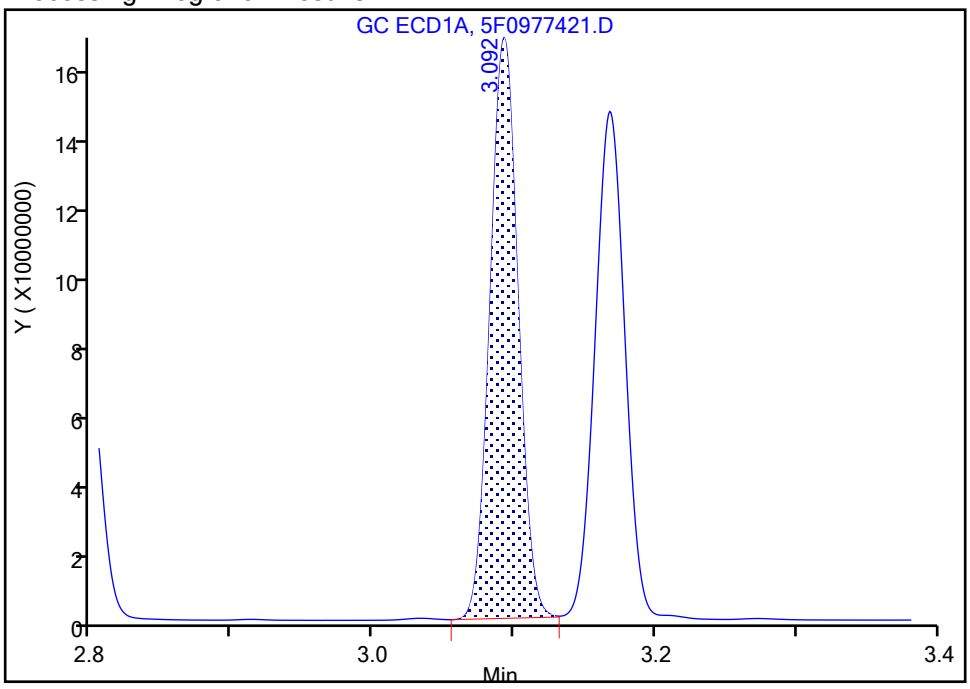
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

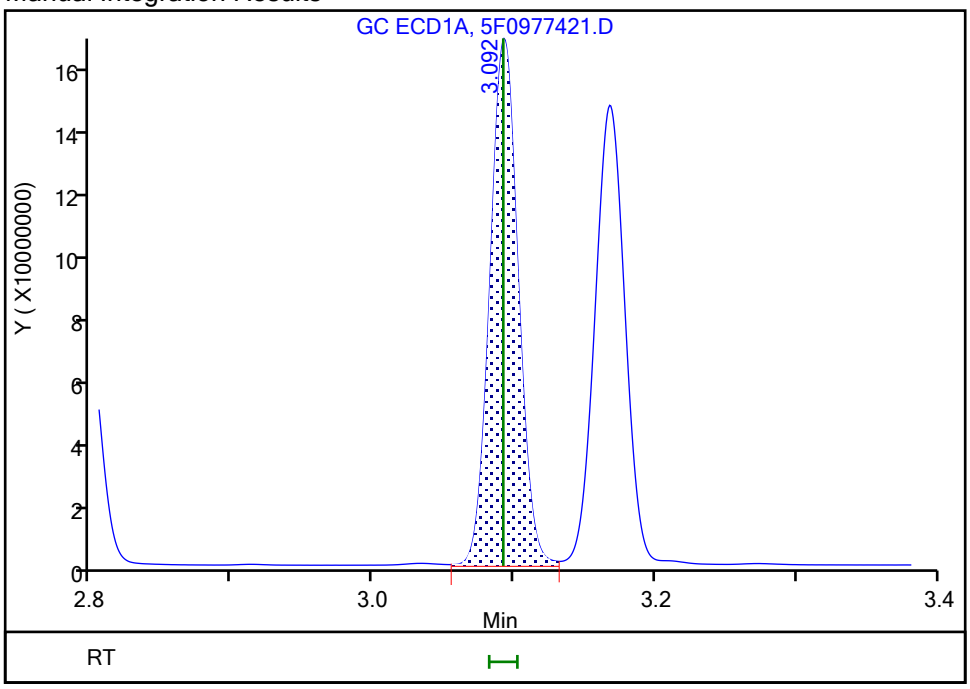
Processing Integration Results

RT: 3.09
Area: 226840147
Amount: 619.4484
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 228927577
Amount: 622.5546
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

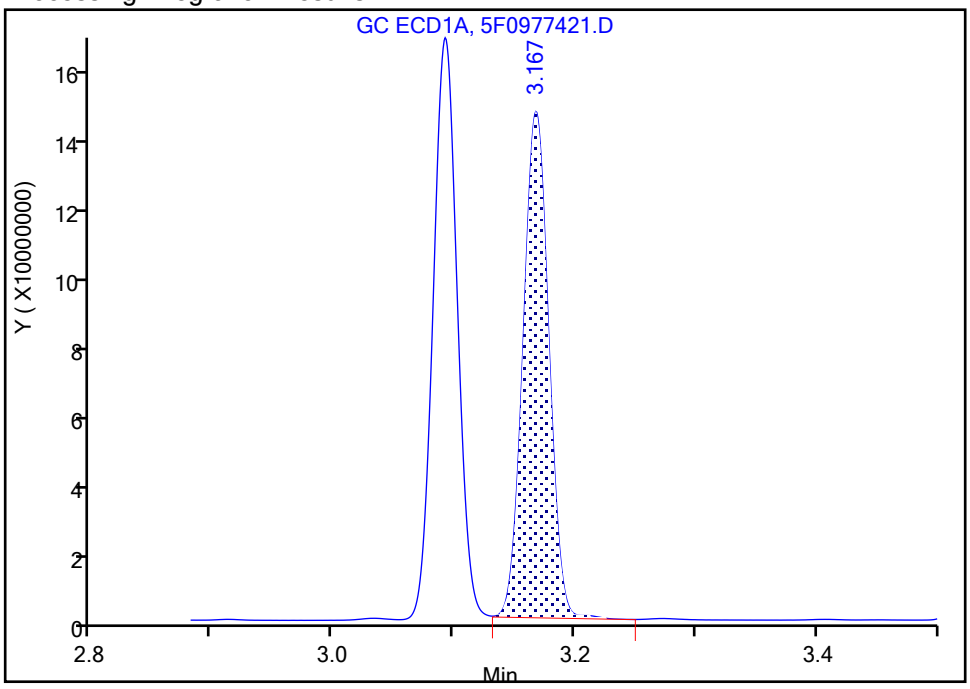
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

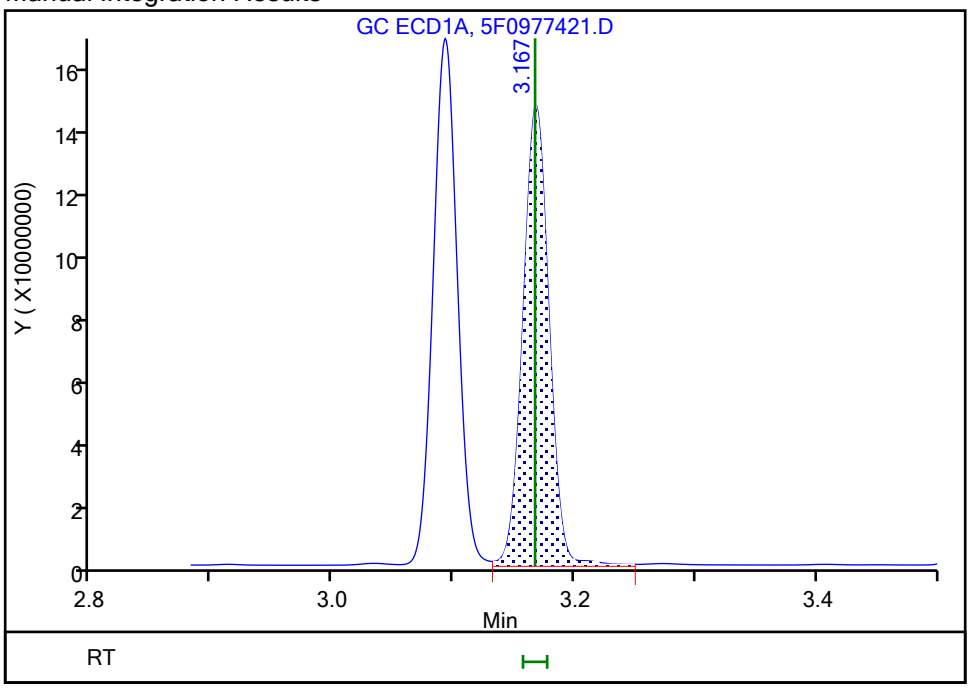
Processing Integration Results

RT: 3.17
Area: 211076709
Amount: 585.8344
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 214357275
Amount: 591.5594
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

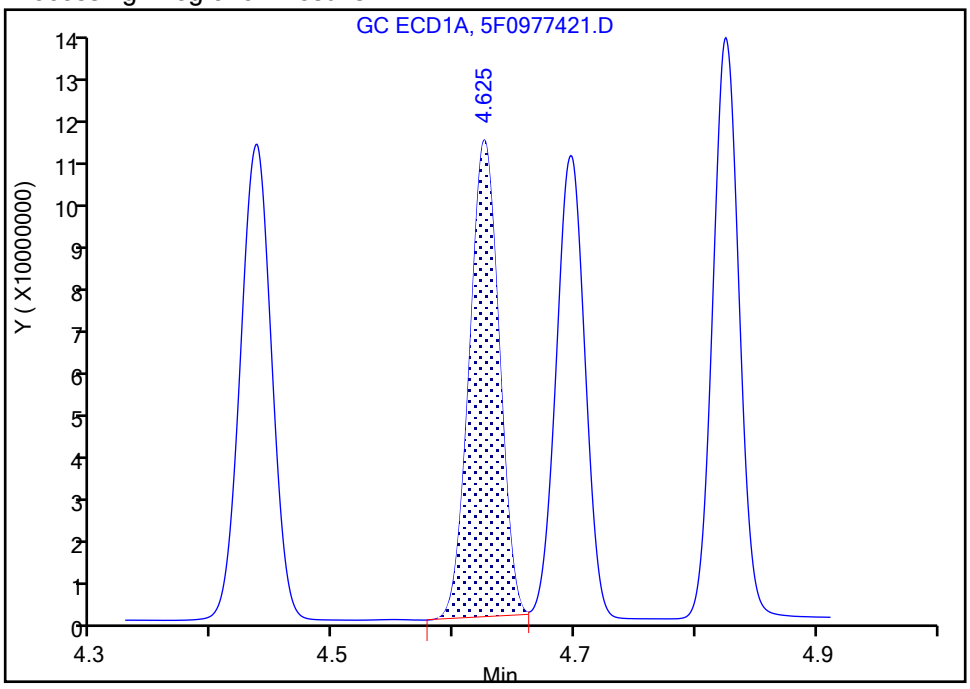
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

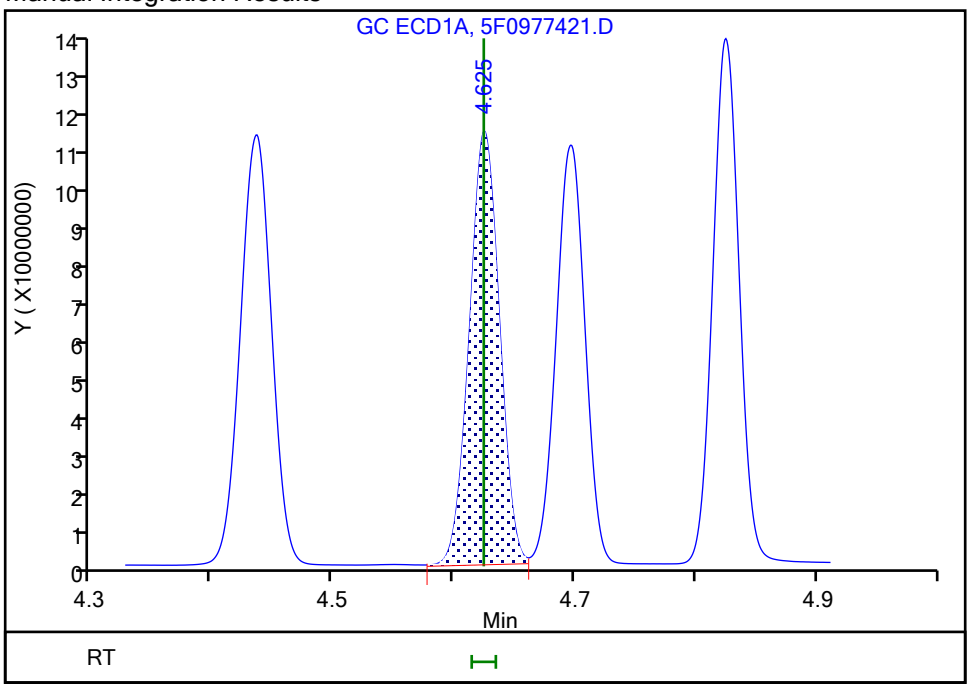
Processing Integration Results

RT: 4.62
Area: 183730829
Amount: 608.3360
Amount Units: ug/l




Manual Integration Results

RT: 4.62
Area: 187249430
Amount: 615.9777
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

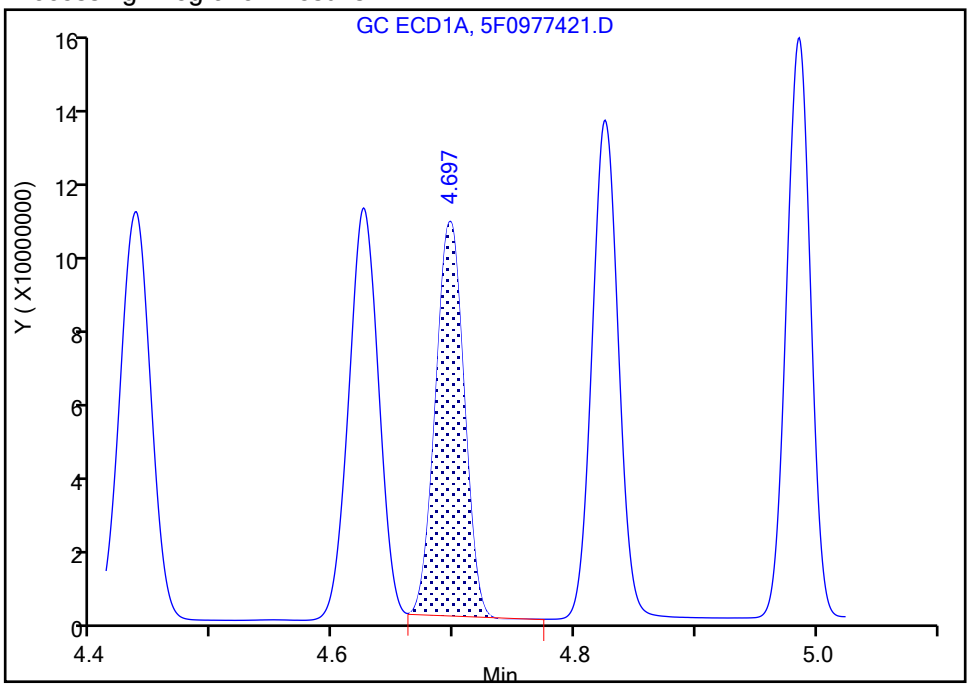
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

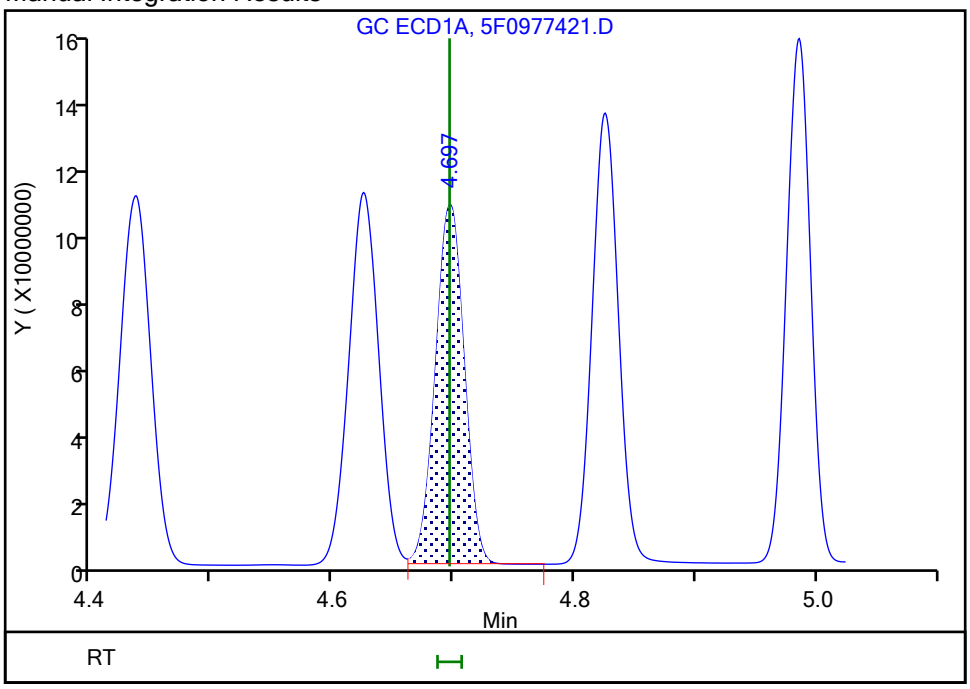
Processing Integration Results

RT: 4.70
Area: 170435111
Amount: 586.8647
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 173959783
Amount: 595.0057
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

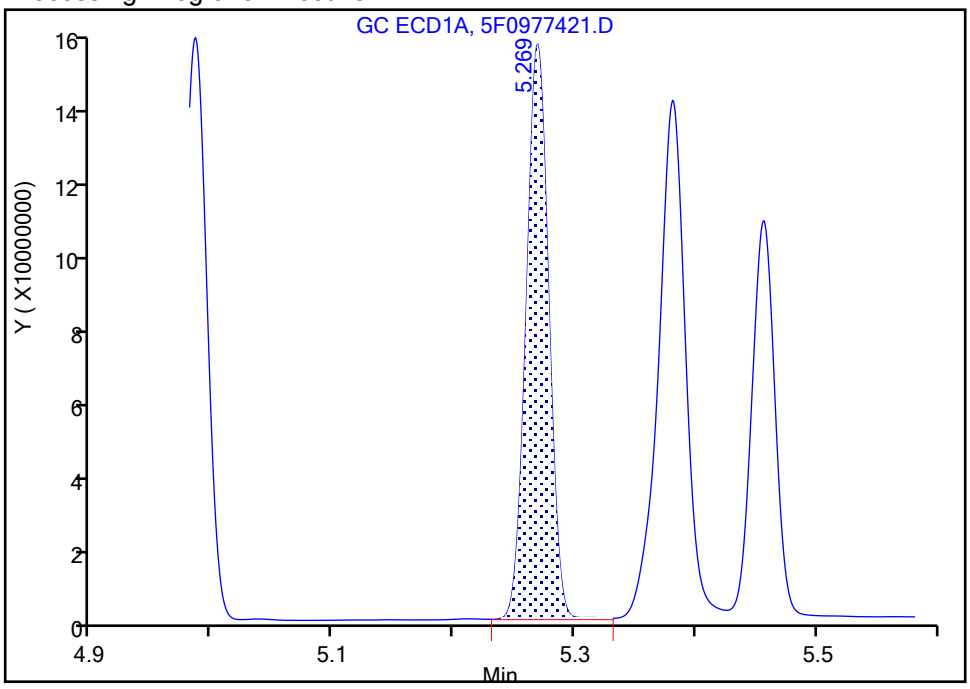
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

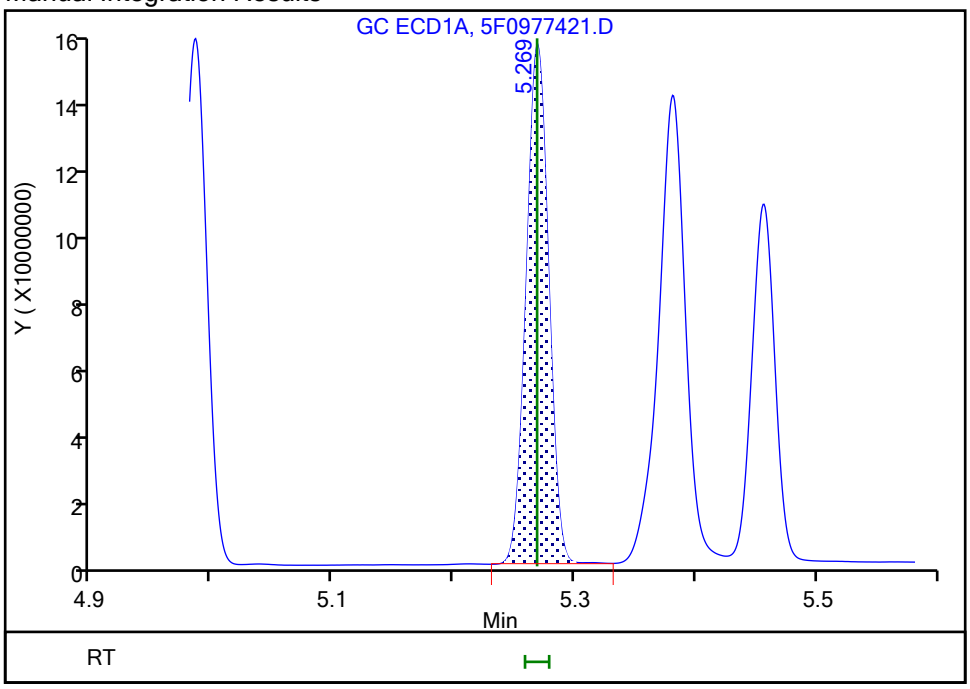
Processing Integration Results

RT: 5.27
Area: 194267075
Amount: 617.1490
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 193668893
Amount: 614.5817
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:52:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

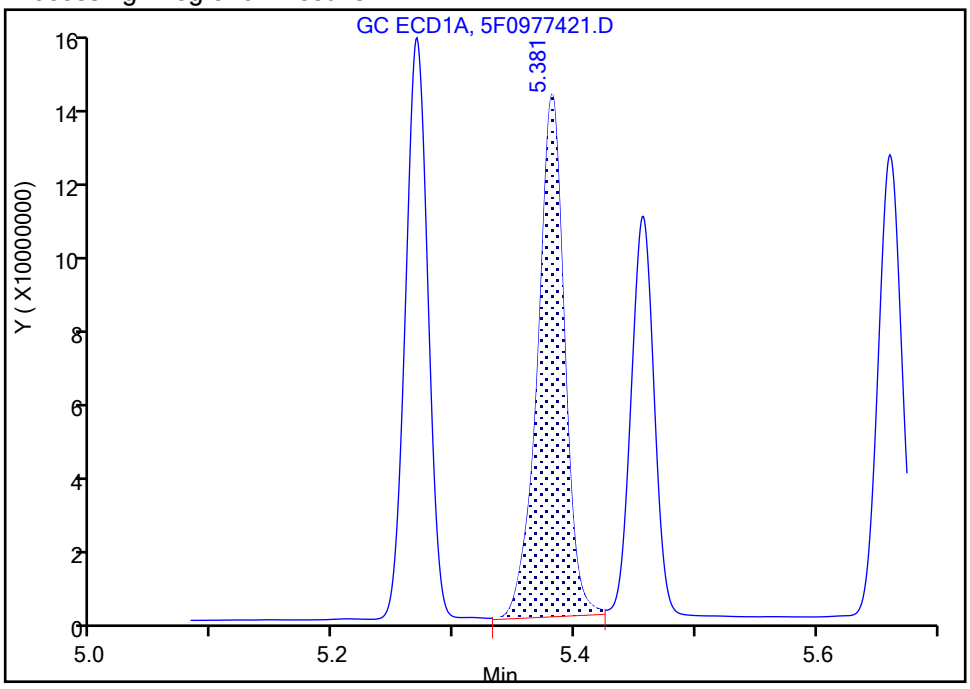
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

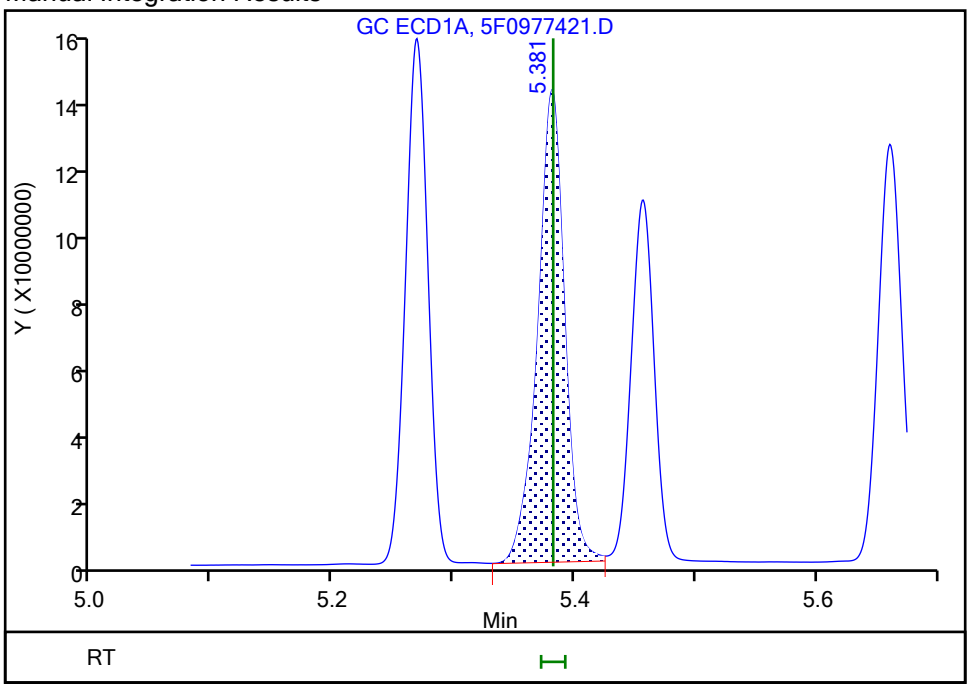
Processing Integration Results

RT: 5.38
Area: 207630094
Amount: 524.2416
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 209225178
Amount: 675.8076
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:57:39 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

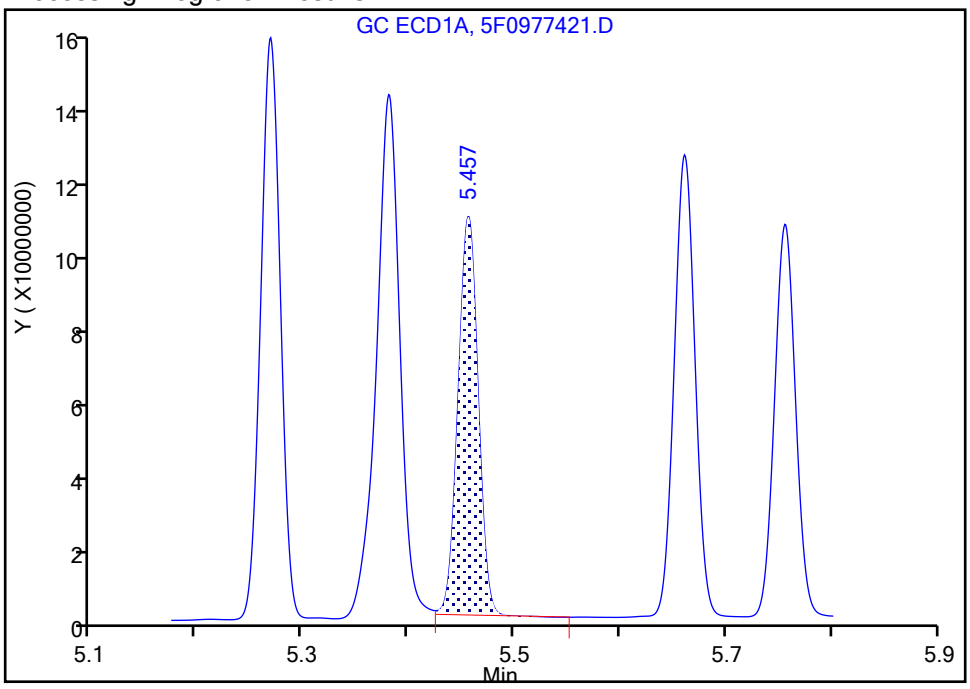
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

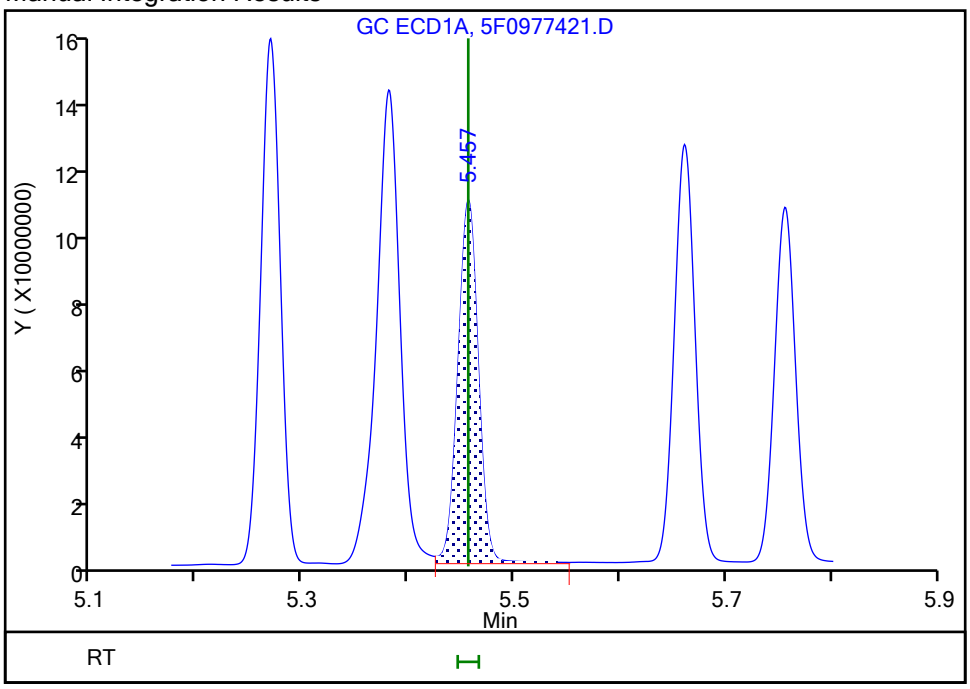
Processing Integration Results

RT: 5.46
Area: 135807662
Amount: 447.1999
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 138681309
Amount: 433.6389
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:57:41 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

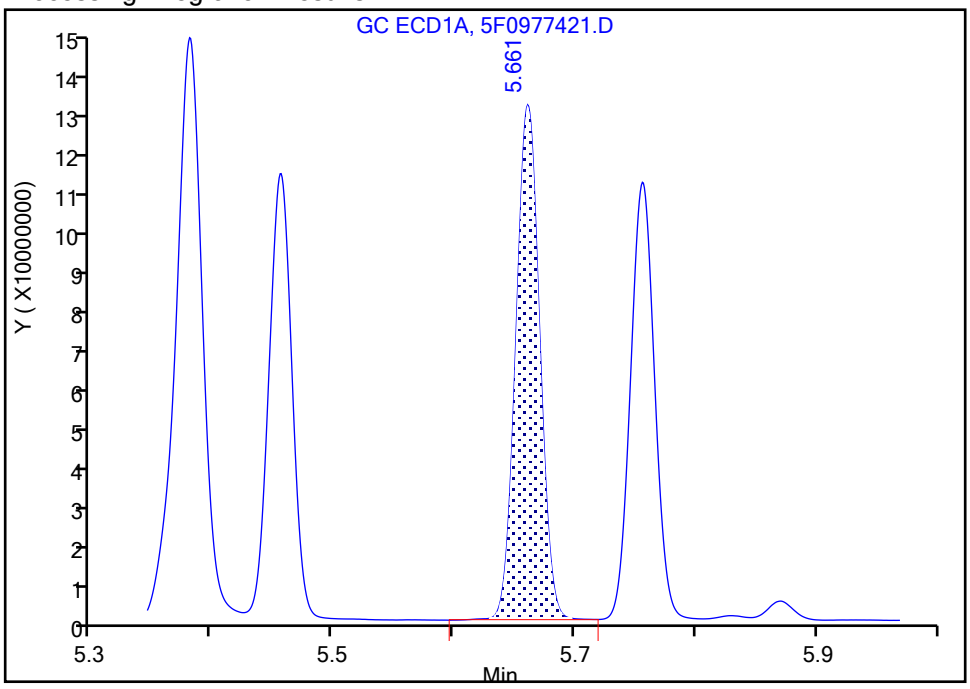
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

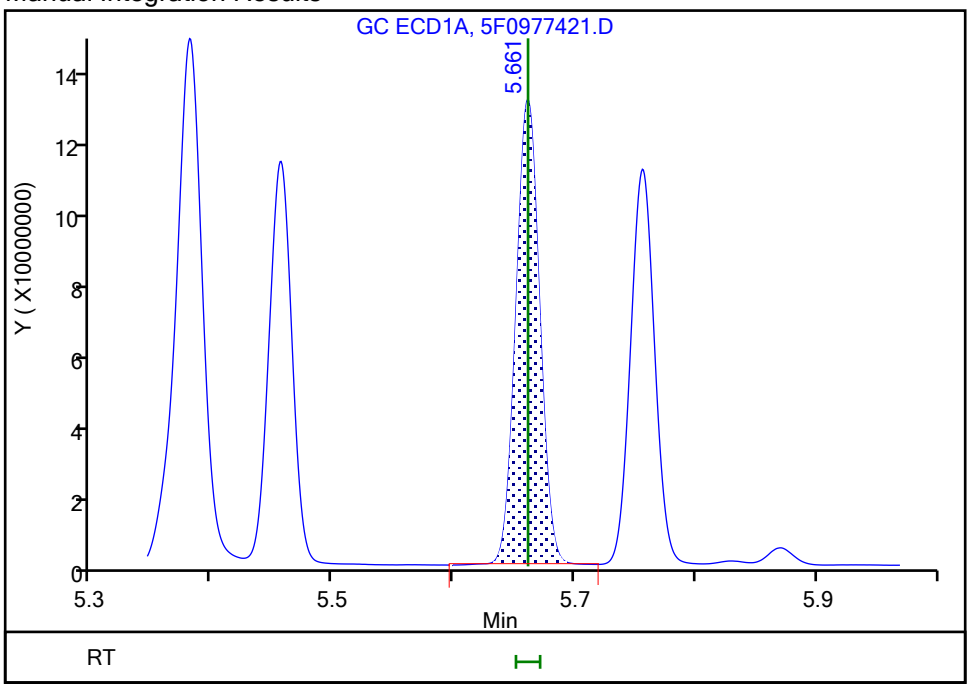
Processing Integration Results

RT: 5.66
Area: 163561400
Amount: 526.6181
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 163178539
Amount: 651.6817
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:52:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

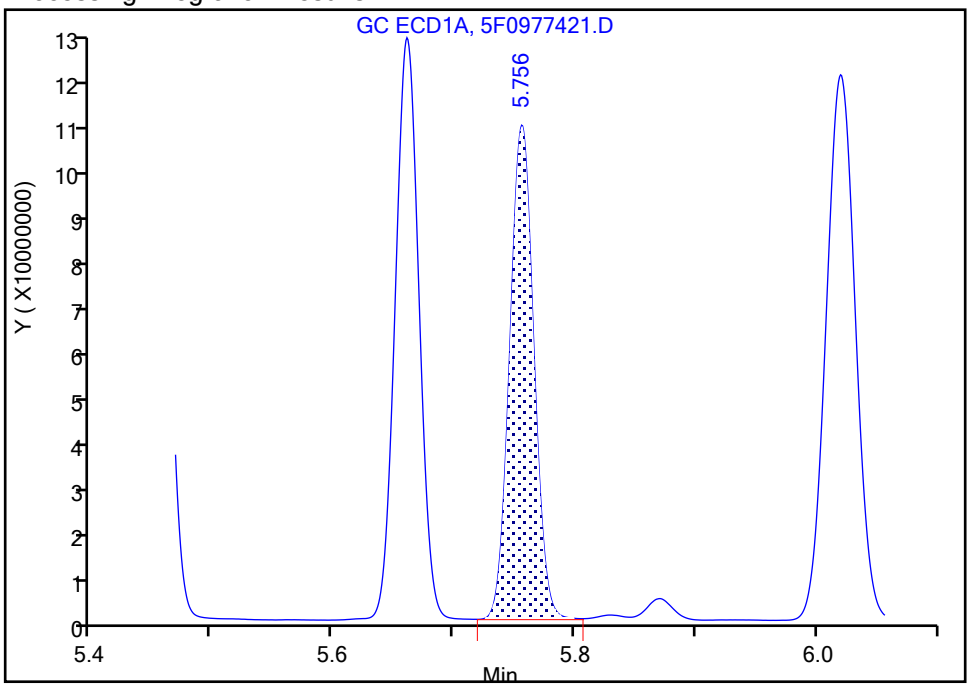
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

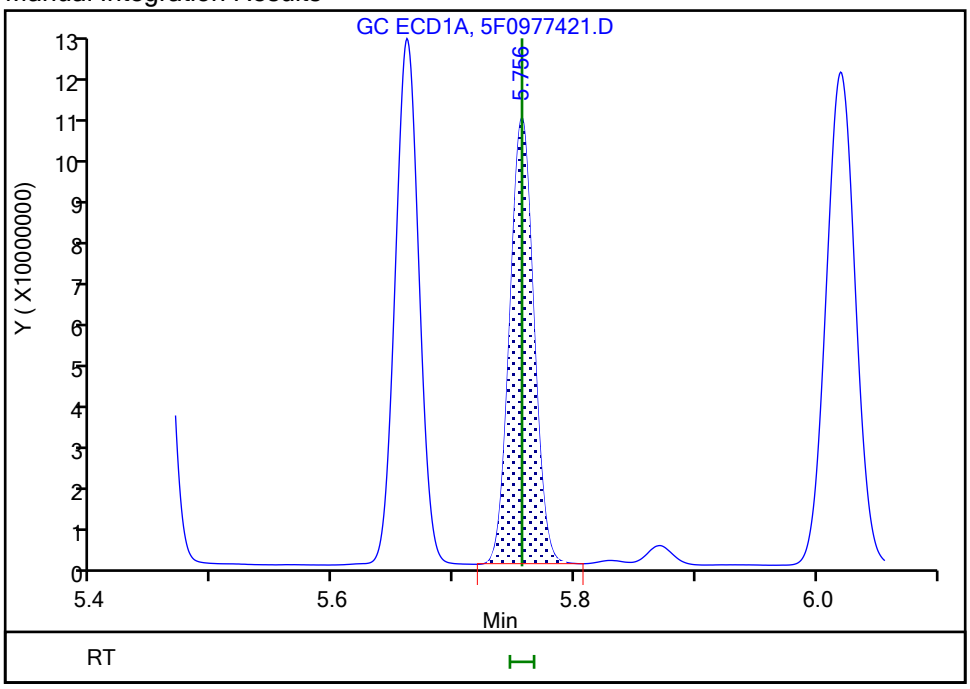
Processing Integration Results

RT: 5.76
Area: 140555045
Amount: 572.3448
Amount Units: ug/l




Manual Integration Results

RT: 5.76
Area: 140296185
Amount: 546.9232
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:52:28 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

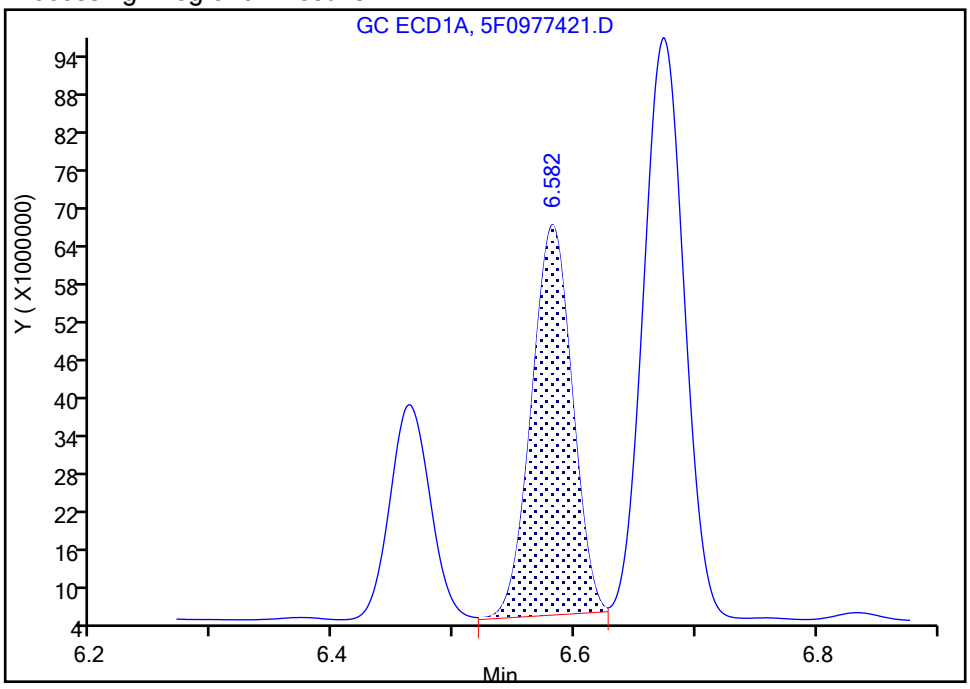
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

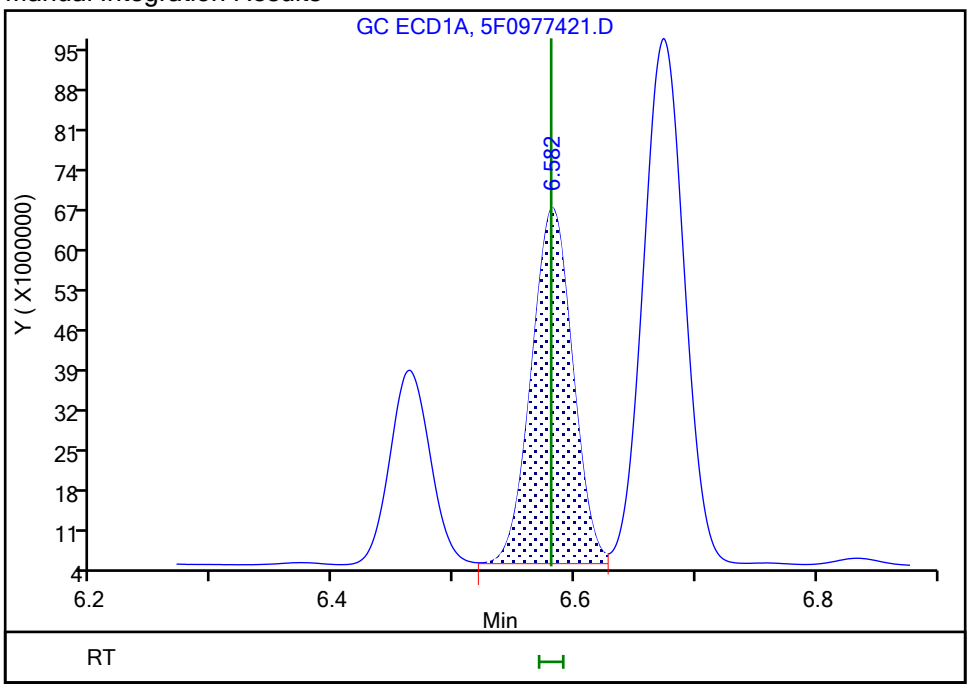
Processing Integration Results

RT: 6.58
Area: 143994920
Amount: 553.8769
Amount Units: ug/l




Manual Integration Results

RT: 6.58
Area: 147065872
Amount: 561.8253
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

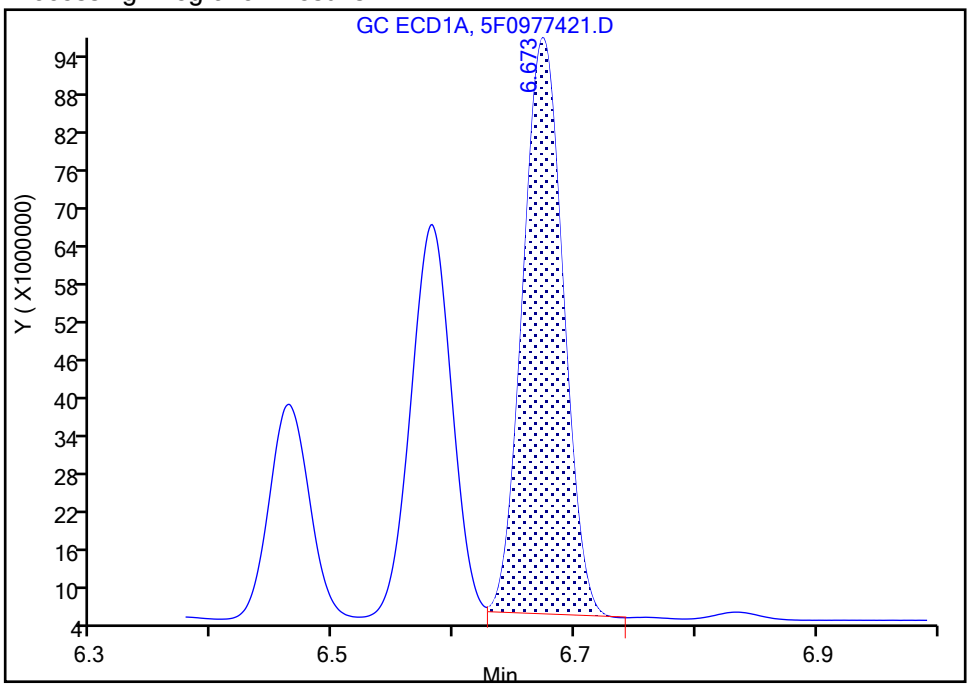
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

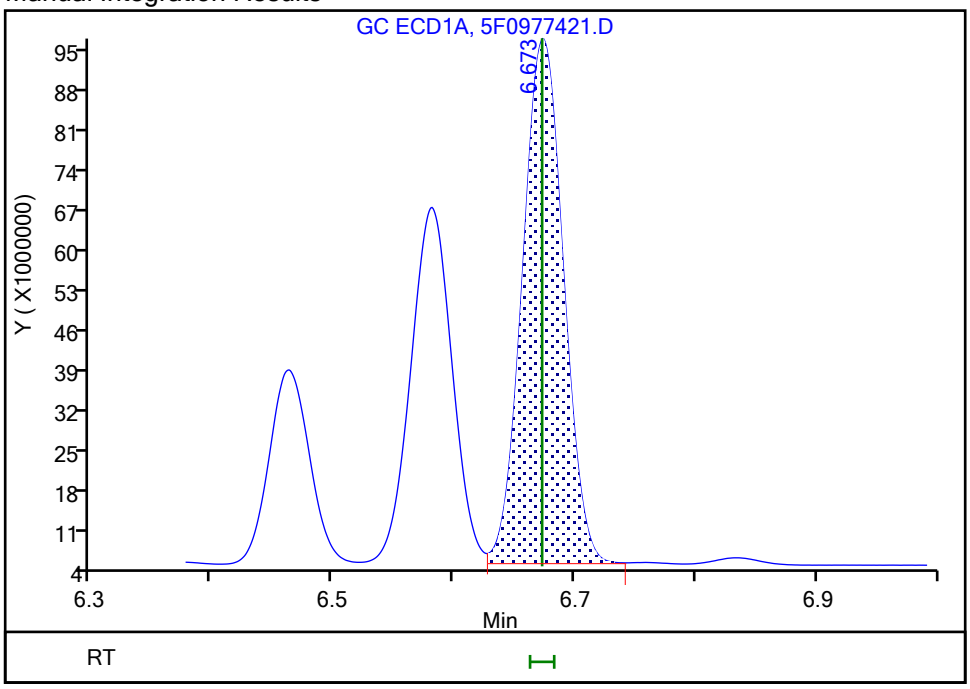
Processing Integration Results

RT: 6.67
Area: 211826777
Amount: 568.6519
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 215086057
Amount: 574.1726
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

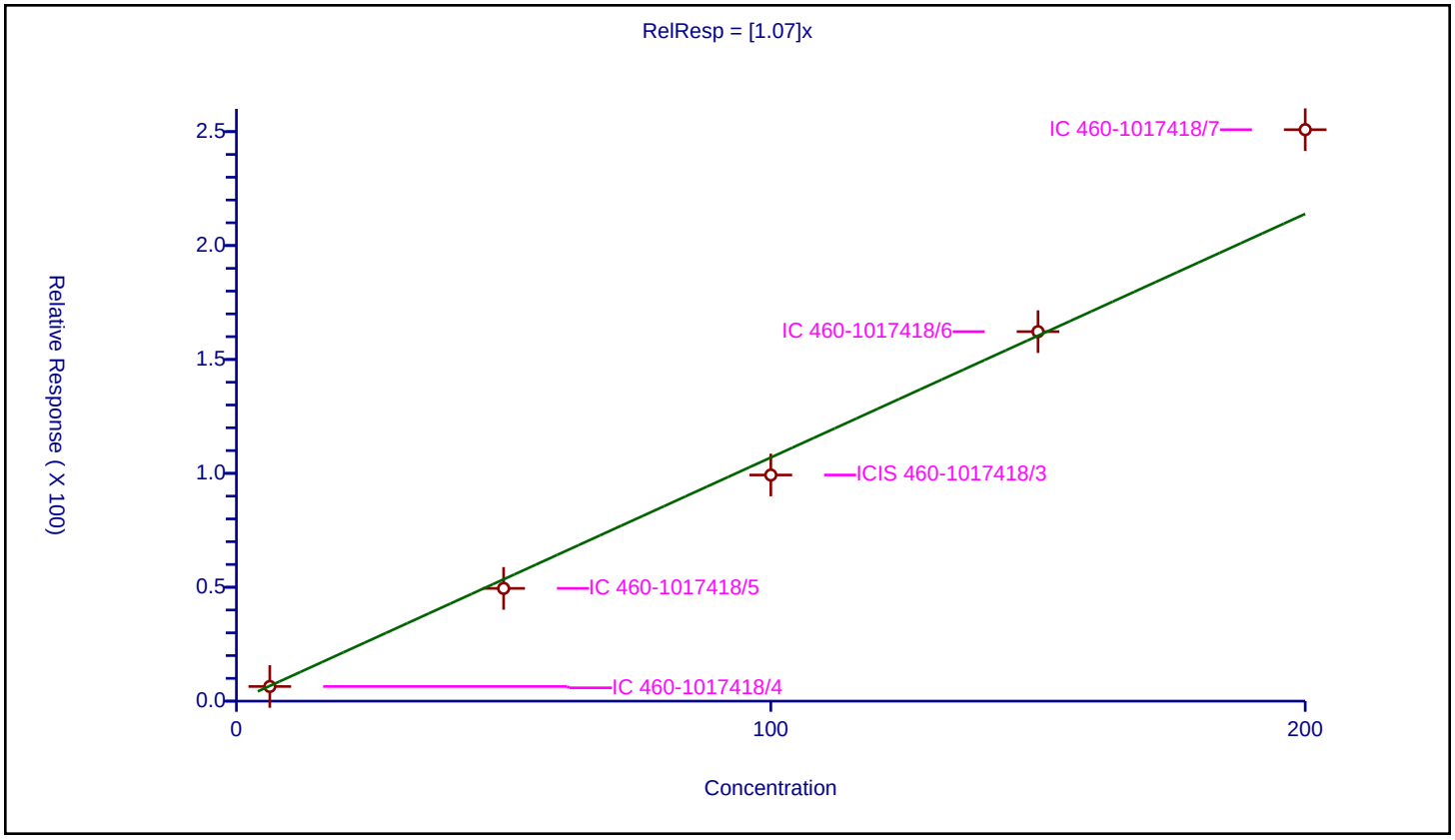
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.07 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 6.25 | 6.432842 | 100.0 | 27868368.0 | 1.029255 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 49.495358 | 100.0 | 32379818.0 | 0.989907 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 99.272609 | 100.0 | 32334899.0 | 0.992726 | Y |
| 4 | IC 460-1017418/6 | 150.0 | 162.21867 | 100.0 | 32727461.0 | 1.081458 | Y |
| 5 | IC 460-1017418/7 | 200.0 | 250.868738 | 100.0 | 23011540.0 | 1.254344 | Y |






2/14/2025
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## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

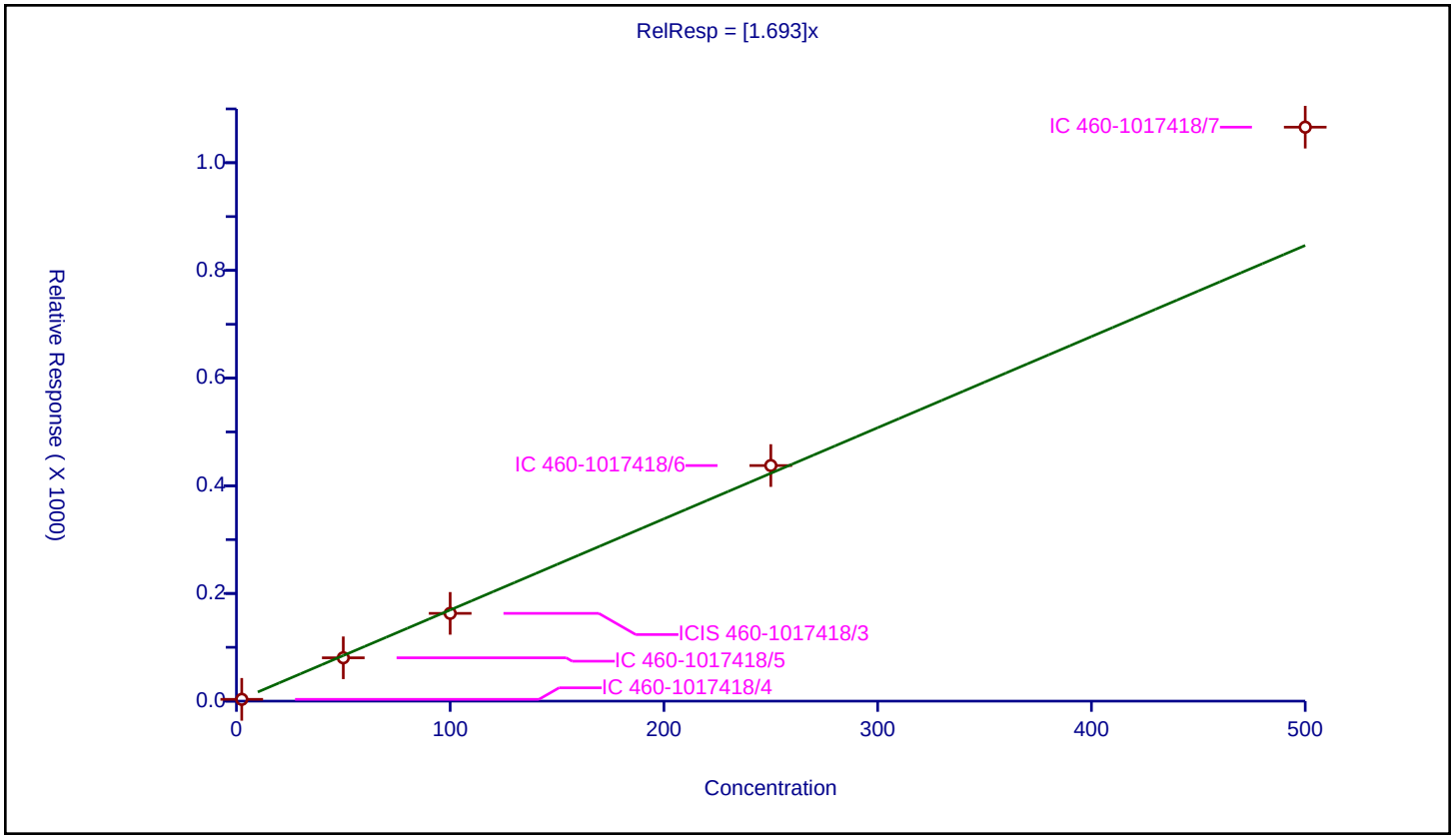
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.693 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.351581 | 100.0 | 27868368.0 | 1.340633 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 80.527948 | 100.0 | 32379818.0 | 1.610559 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 163.041728 | 100.0 | 32334899.0 | 1.630417 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 437.566251 | 100.0 | 32727461.0 | 1.750265 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 1066.070293 | 100.0 | 23011540.0 | 2.132141 | Y |



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## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

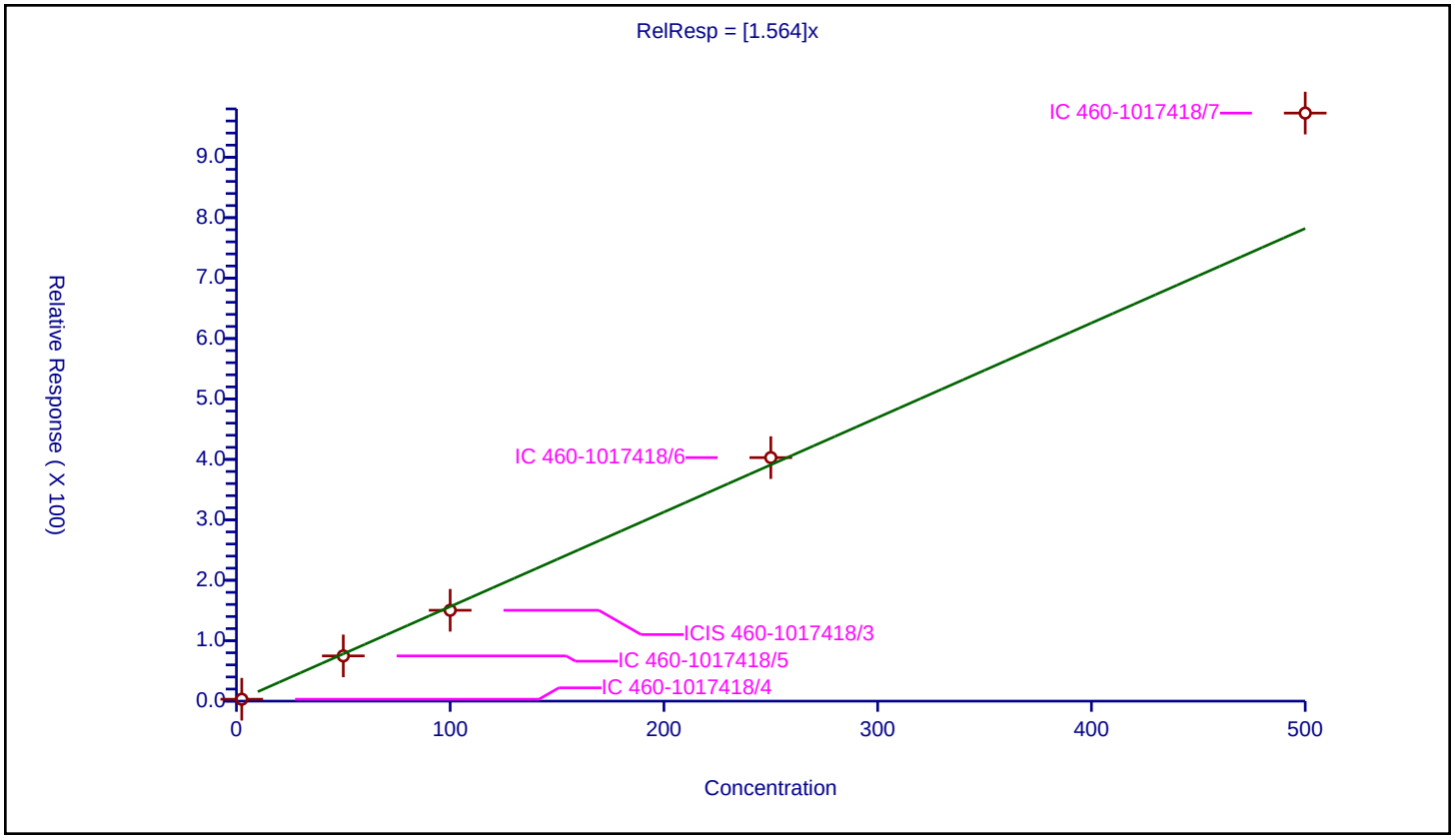
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.564 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.155761 | 100.0 | 27868368.0 | 1.262304 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 74.861826 | 100.0 | 32379818.0 | 1.497237 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 150.349983 | 100.0 | 32334899.0 | 1.5035 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 402.990373 | 100.0 | 32727461.0 | 1.611961 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 973.054333 | 100.0 | 23011540.0 | 1.946109 | Y |



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## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

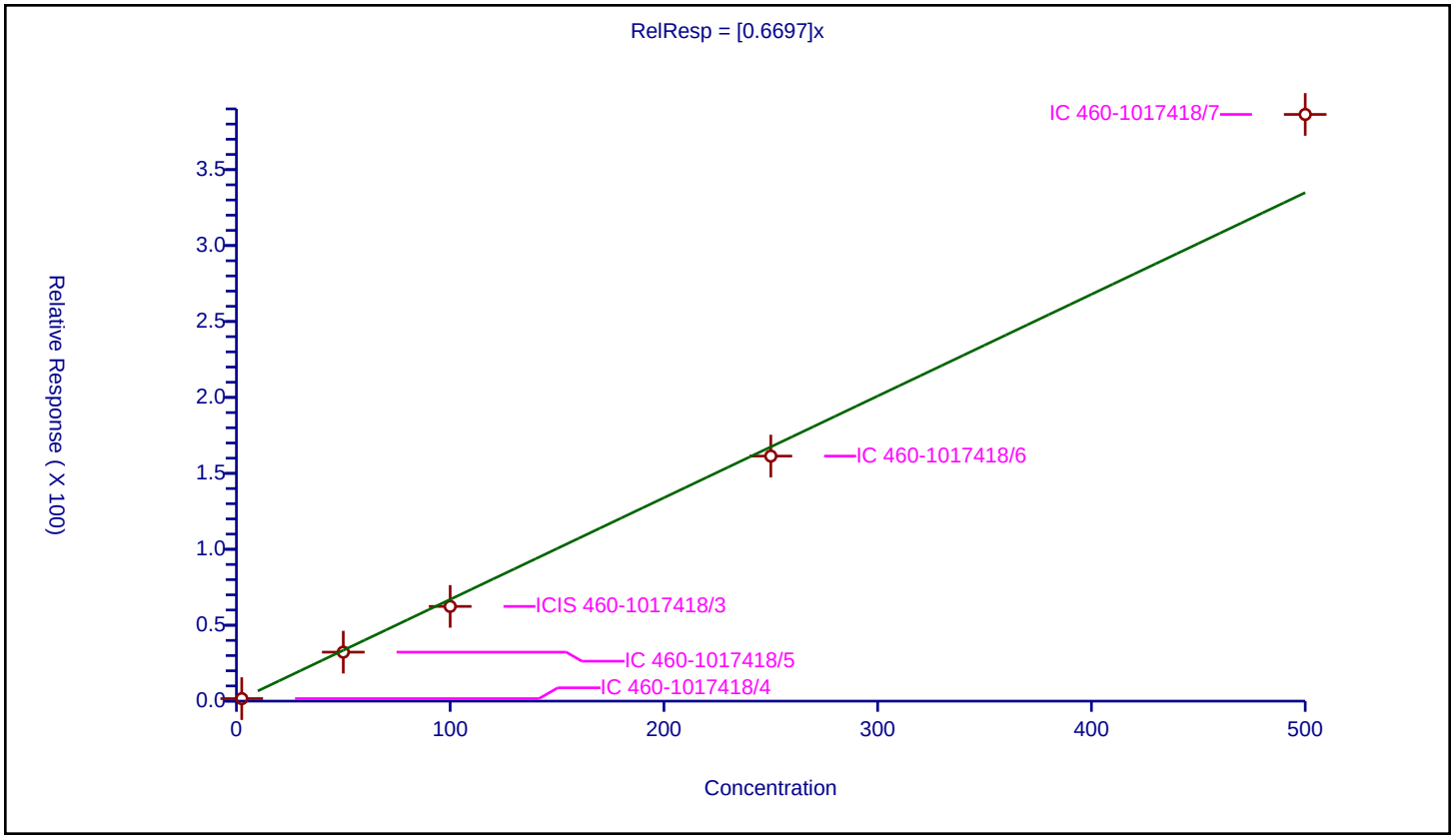
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6697 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 1.653767 | 100.0 | 27868368.0 | 0.661507 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 32.254913 | 100.0 | 32379818.0 | 0.645098 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 62.378587 | 100.0 | 32334899.0 | 0.623786 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 161.359645 | 100.0 | 32727461.0 | 0.645439 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 386.346329 | 100.0 | 23011540.0 | 0.772693 | Y |






2/14/2025
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## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

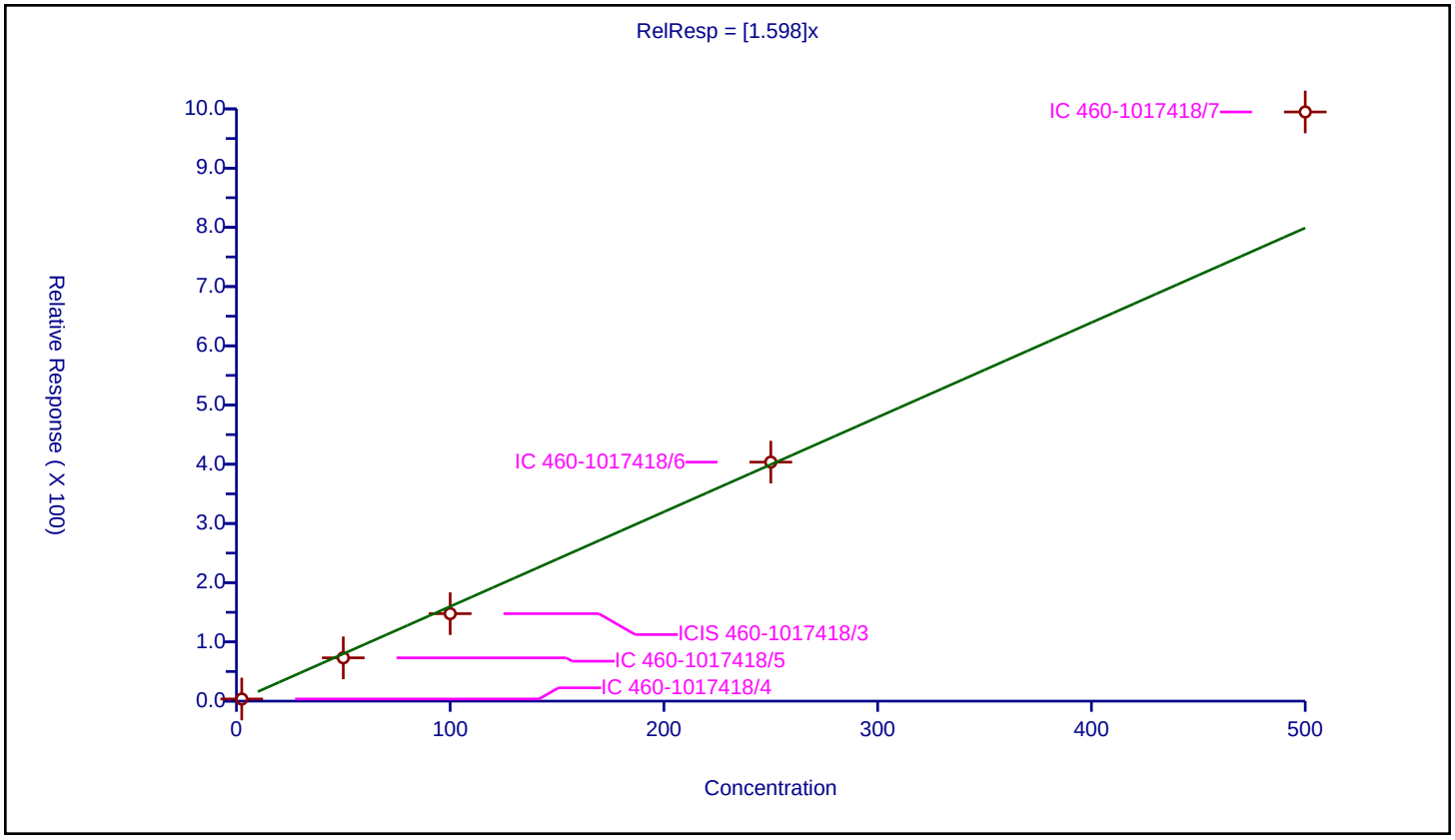
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.598 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.614851 | 100.0 | 27868368.0 | 1.44594 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 73.136134 | 100.0 | 32379818.0 | 1.462723 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 147.723962 | 100.0 | 32334899.0 | 1.47724 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 403.597004 | 100.0 | 32727461.0 | 1.614388 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 994.838142 | 100.0 | 23011540.0 | 1.989676 | Y |



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## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

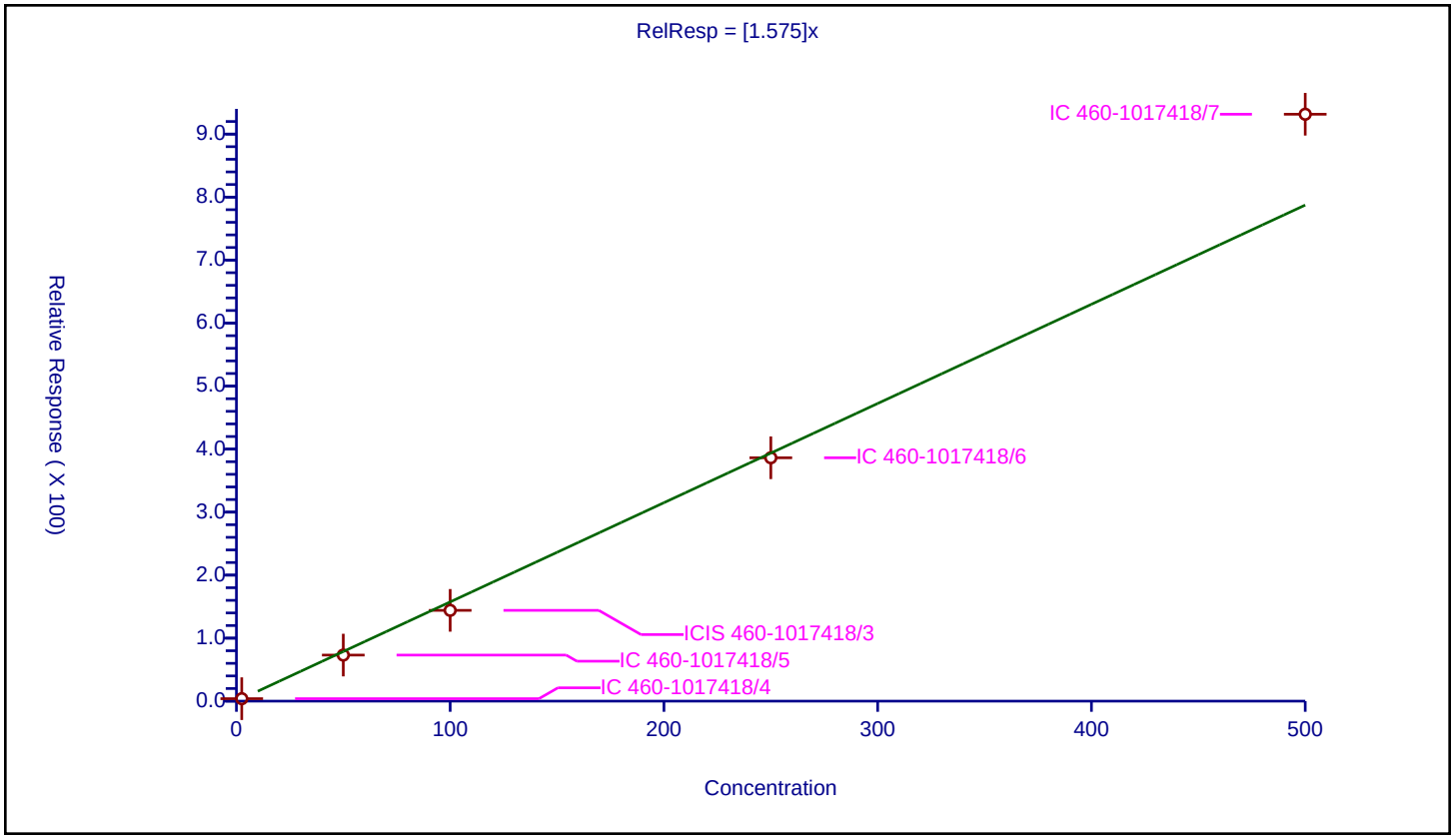
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.575 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.905643 | 100.0 | 27868368.0 | 1.562257 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 73.116146 | 100.0 | 32379818.0 | 1.462323 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 144.071896 | 100.0 | 32334899.0 | 1.440719 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 386.273289 | 100.0 | 32727461.0 | 1.545093 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 931.520772 | 100.0 | 23011540.0 | 1.863042 | Y |



## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

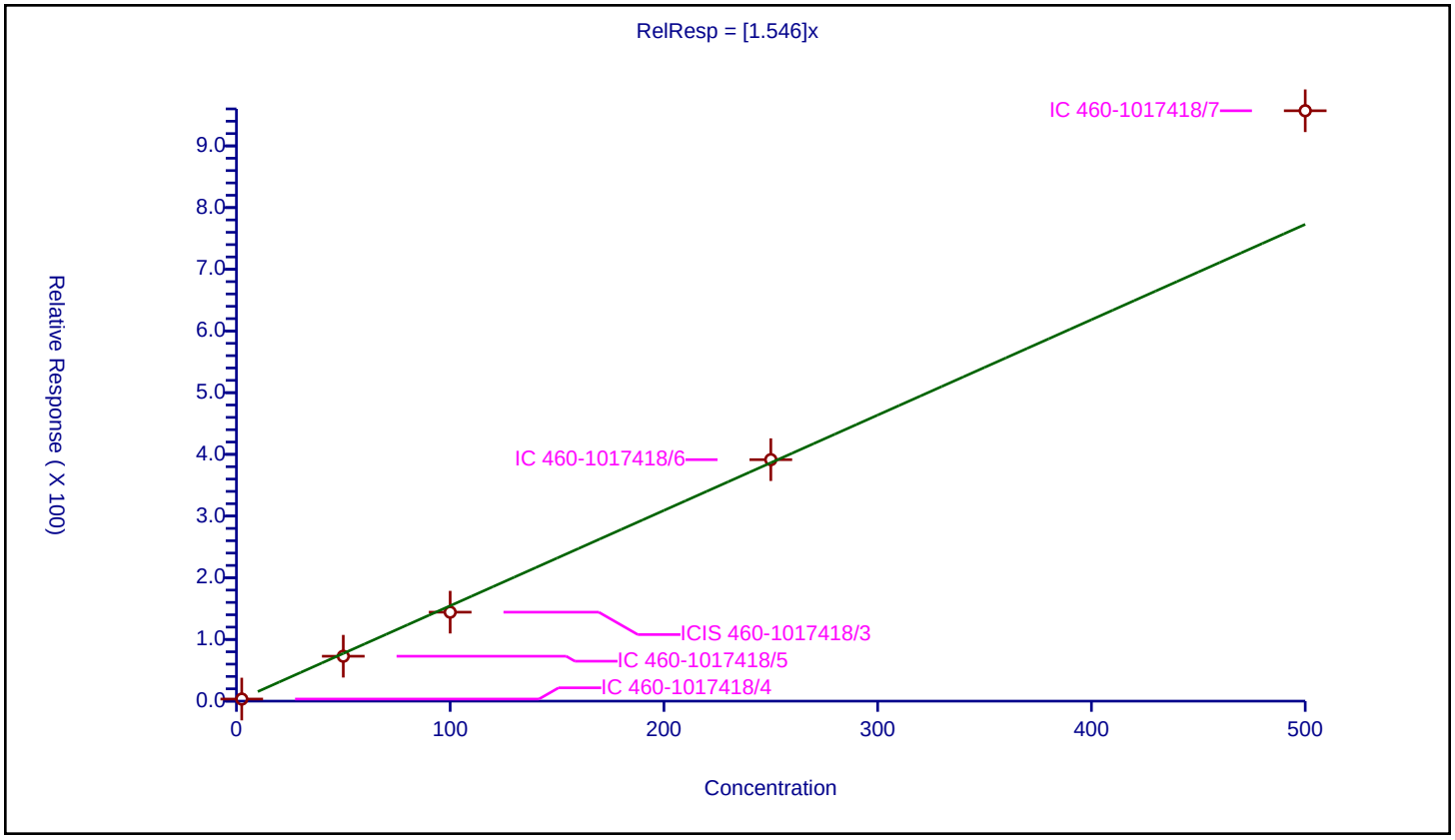
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.546 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.377116 | 100.0 | 27868368.0 | 1.350846 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 72.794751 | 100.0 | 32379818.0 | 1.455895 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 144.200738 | 100.0 | 32334899.0 | 1.442007 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 391.423365 | 100.0 | 32727461.0 | 1.565693 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 956.976669 | 100.0 | 23011540.0 | 1.913953 | Y |



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## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

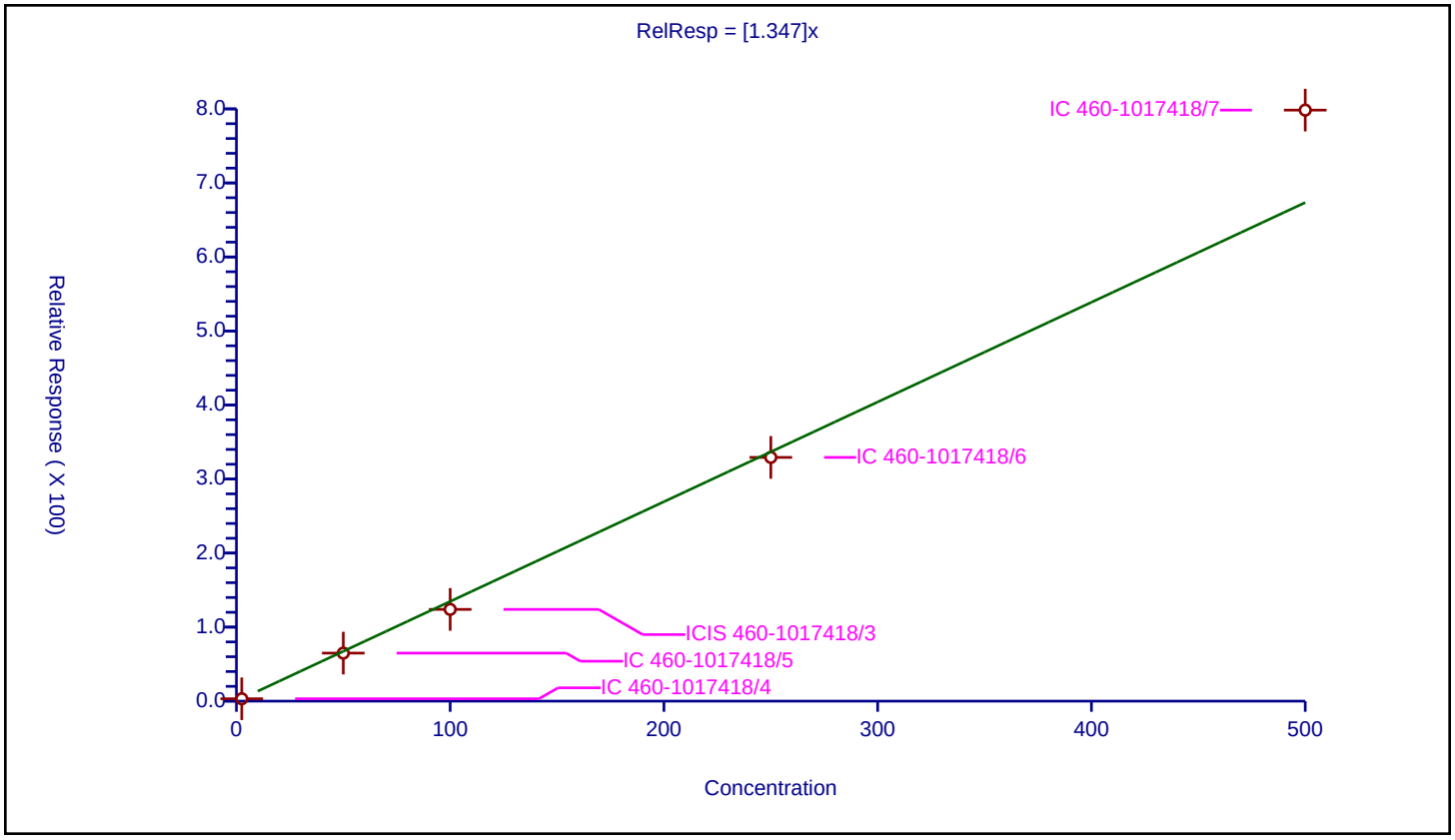
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.347 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.210762 | 100.0 | 27868368.0 | 1.284305 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 64.871798 | 100.0 | 32379818.0 | 1.297436 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 123.937143 | 100.0 | 32334899.0 | 1.239371 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 329.241948 | 100.0 | 32727461.0 | 1.316968 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 798.352144 | 100.0 | 23011540.0 | 1.596704 | Y |



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## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

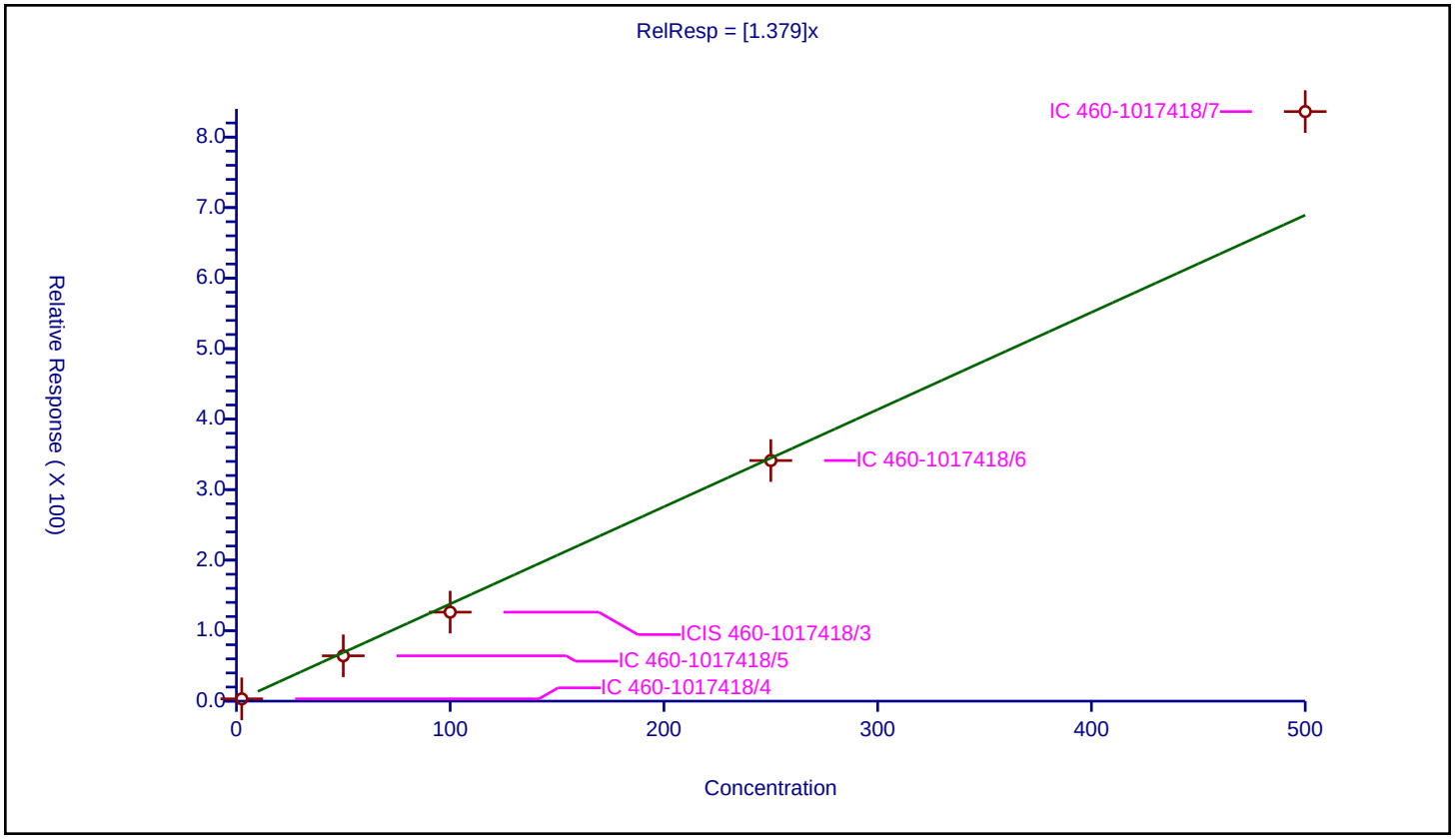
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.267504 | 100.0 | 27868368.0 | 1.307002 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 64.312773 | 100.0 | 32379818.0 | 1.286255 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 126.238755 | 100.0 | 32334899.0 | 1.262388 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 341.250276 | 100.0 | 32727461.0 | 1.365001 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 836.179652 | 100.0 | 23011540.0 | 1.672359 | Y |



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## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

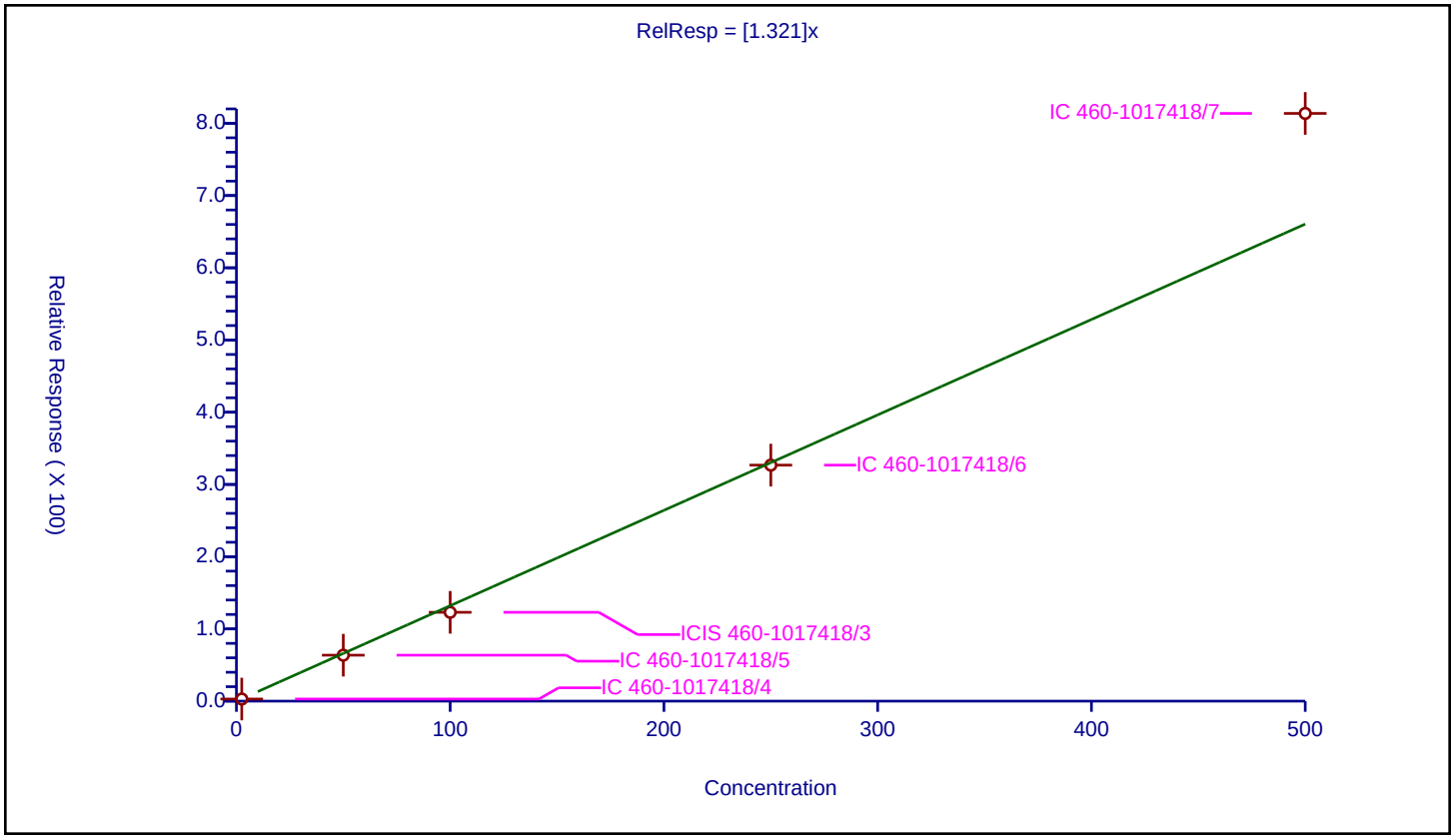
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.321 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.91927 | 100.0 | 27868368.0 | 1.167708 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 63.647708 | 100.0 | 32379818.0 | 1.272954 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 122.98417 | 100.0 | 32334899.0 | 1.229842 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 326.790933 | 100.0 | 32727461.0 | 1.307164 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 813.719682 | 100.0 | 23011540.0 | 1.627439 | Y |



## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

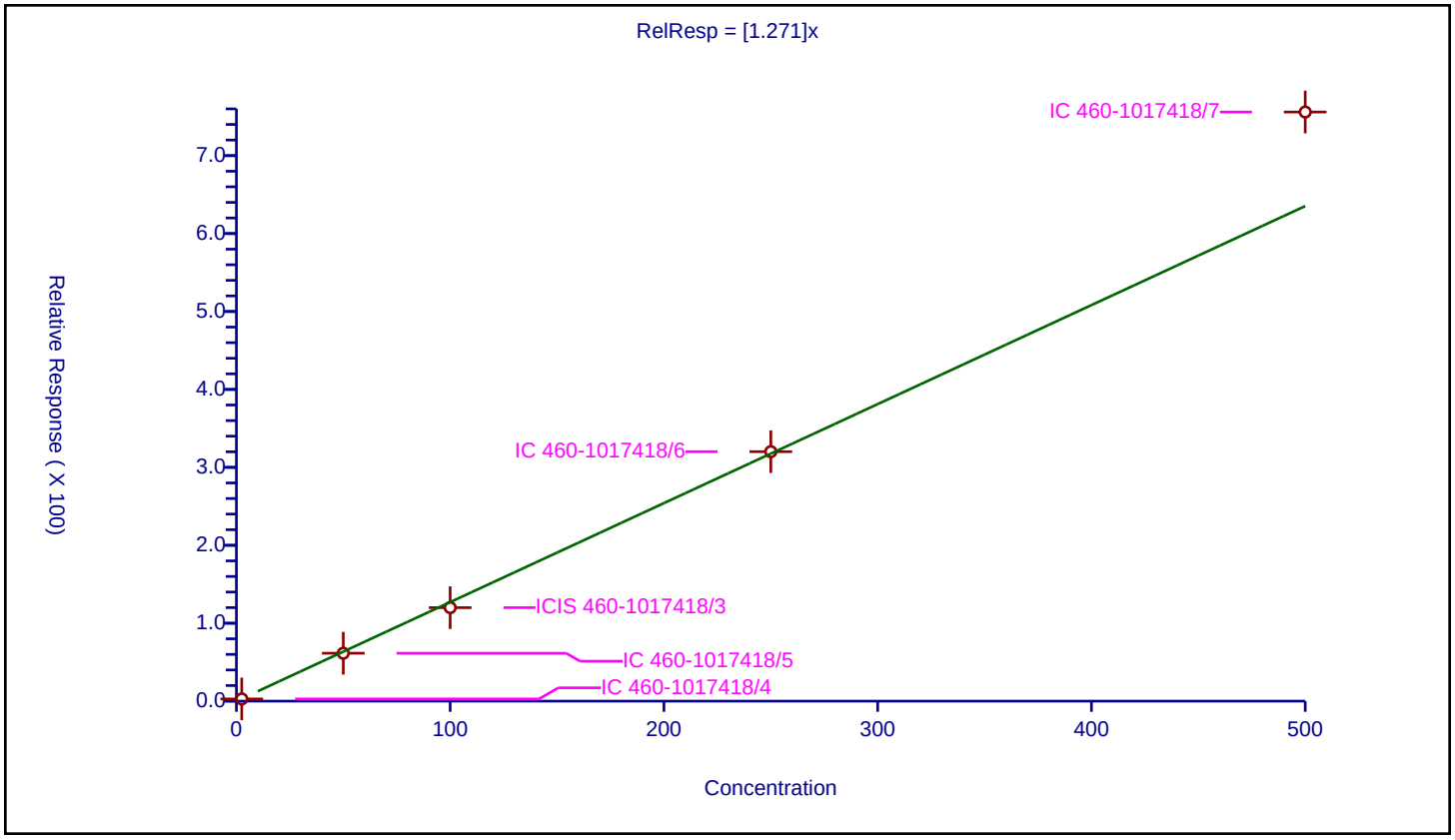
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.271 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.826986 | 100.0 | 27868368.0 | 1.130795 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 61.472319 | 100.0 | 32379818.0 | 1.229446 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 119.987491 | 100.0 | 32334899.0 | 1.199875 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 320.139158 | 100.0 | 32727461.0 | 1.280557 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 755.967584 | 100.0 | 23011540.0 | 1.511935 | Y |



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## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

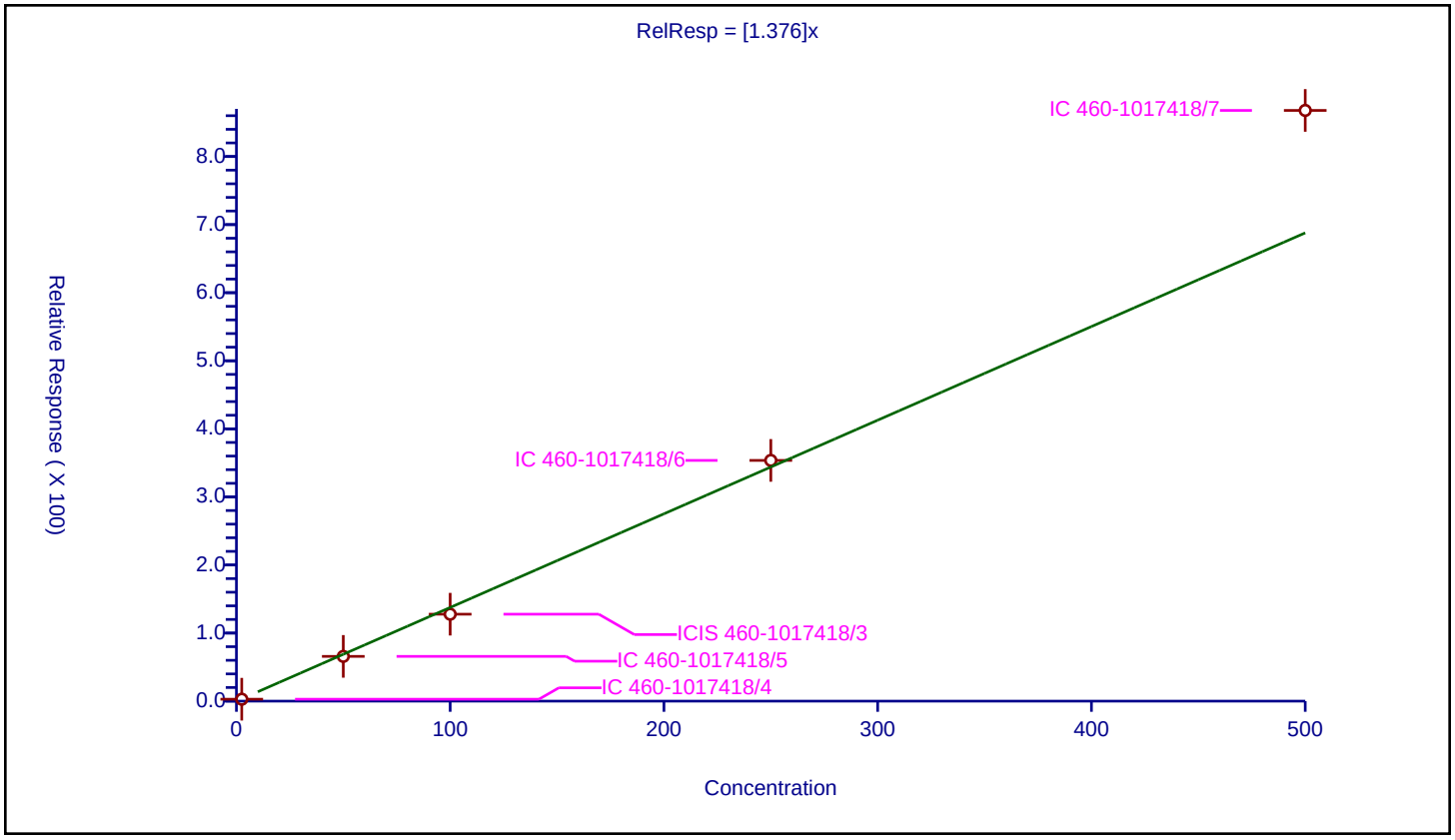
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.376 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.84055 | 100.0 | 27868368.0 | 1.13622 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 65.751966 | 100.0 | 32379818.0 | 1.315039 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 127.740068 | 100.0 | 32334899.0 | 1.277401 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 353.626626 | 100.0 | 32727461.0 | 1.414507 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 867.717815 | 100.0 | 23011540.0 | 1.735436 | Y |



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## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

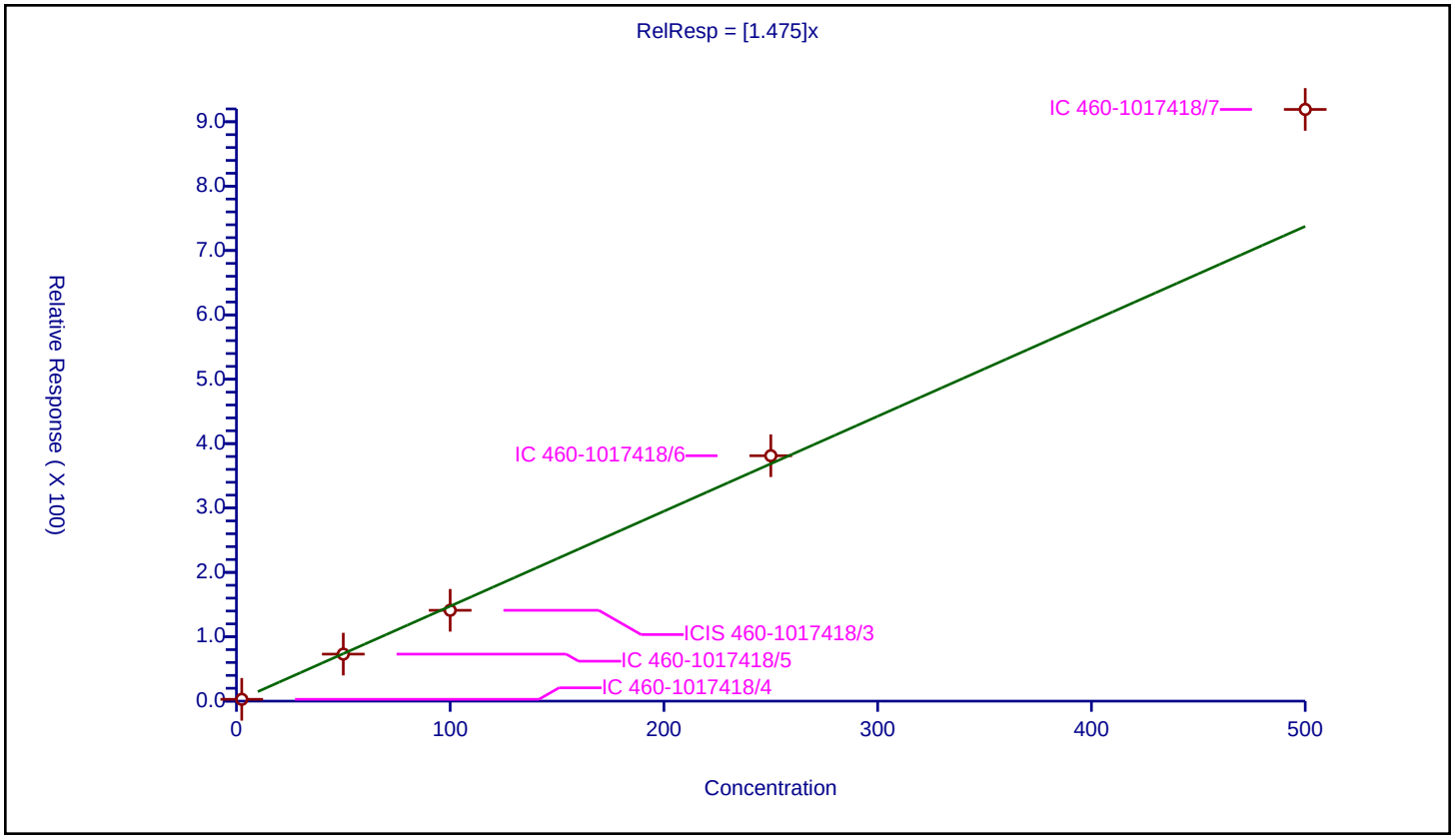
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.475 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.850364 | 100.0 | 27868368.0 | 1.140146 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 73.056671 | 100.0 | 32379818.0 | 1.461133 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 141.08923 | 100.0 | 32334899.0 | 1.410892 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 381.22422 | 100.0 | 32727461.0 | 1.524897 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 919.169156 | 100.0 | 23011540.0 | 1.838338 | Y |



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## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

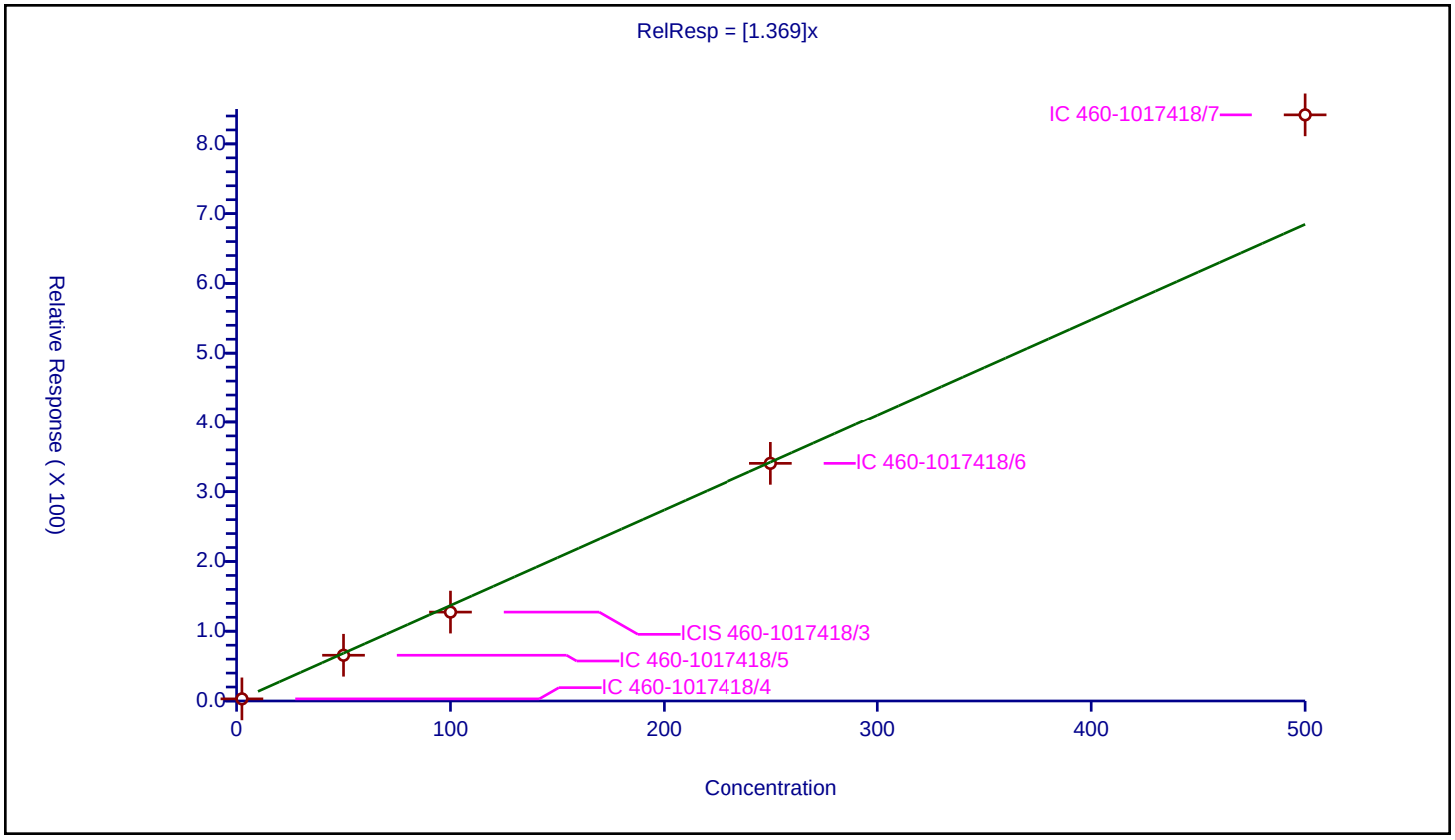
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.369 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.039306 | 100.0 | 27868368.0 | 1.215722 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 65.565529 | 100.0 | 32379818.0 | 1.311311 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 127.418066 | 100.0 | 32334899.0 | 1.274181 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 340.655192 | 100.0 | 32727461.0 | 1.362621 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 841.616393 | 100.0 | 23011540.0 | 1.683233 | Y |



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## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

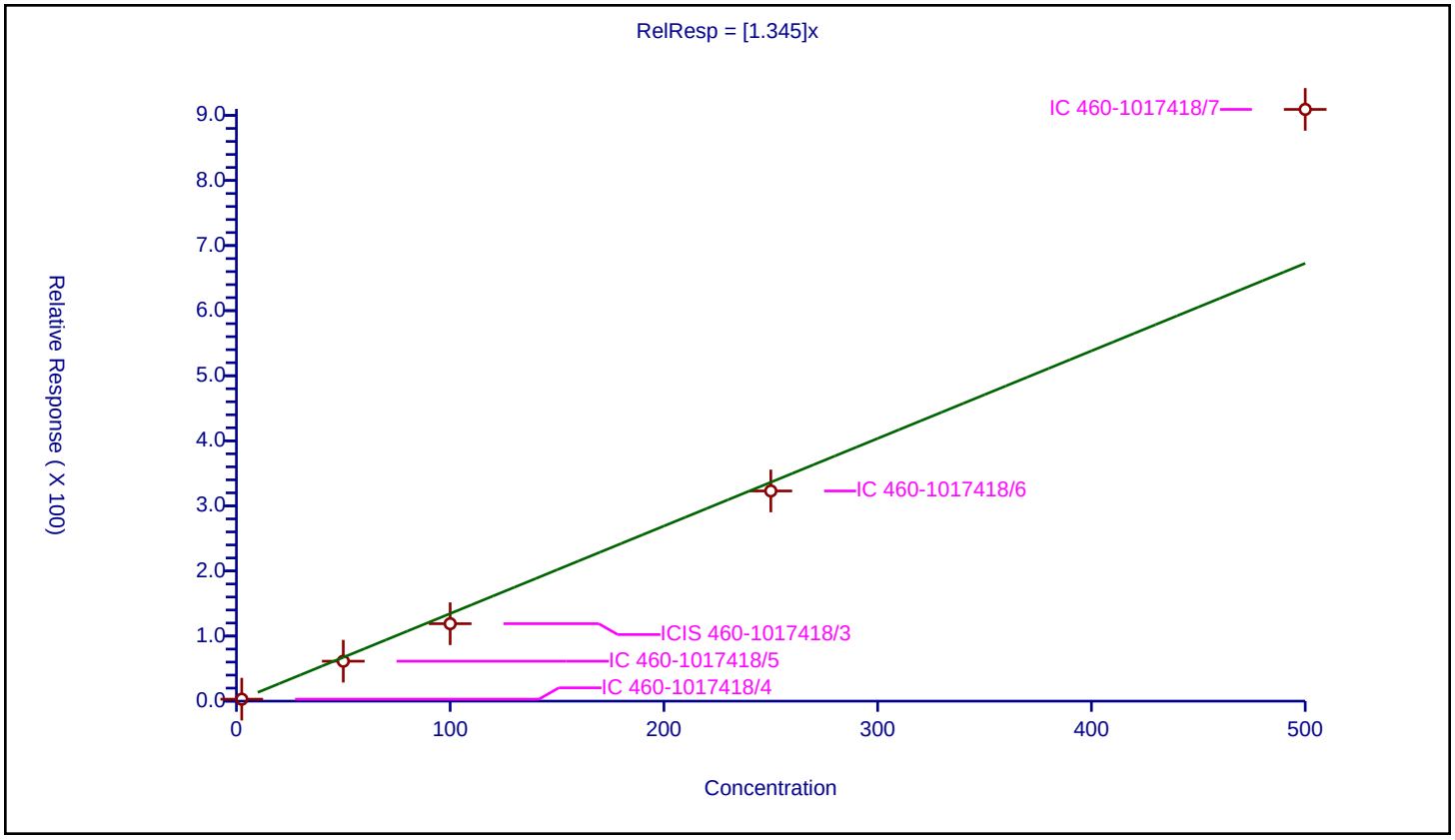
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.345 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.999512 | 100.0 | 27868368.0 | 1.199805 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 61.35516 | 100.0 | 32379818.0 | 1.227103 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 118.980625 | 100.0 | 32334899.0 | 1.189806 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 322.937991 | 100.0 | 32727461.0 | 1.291752 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 909.218496 | 100.0 | 23011540.0 | 1.818437 | Y |



## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

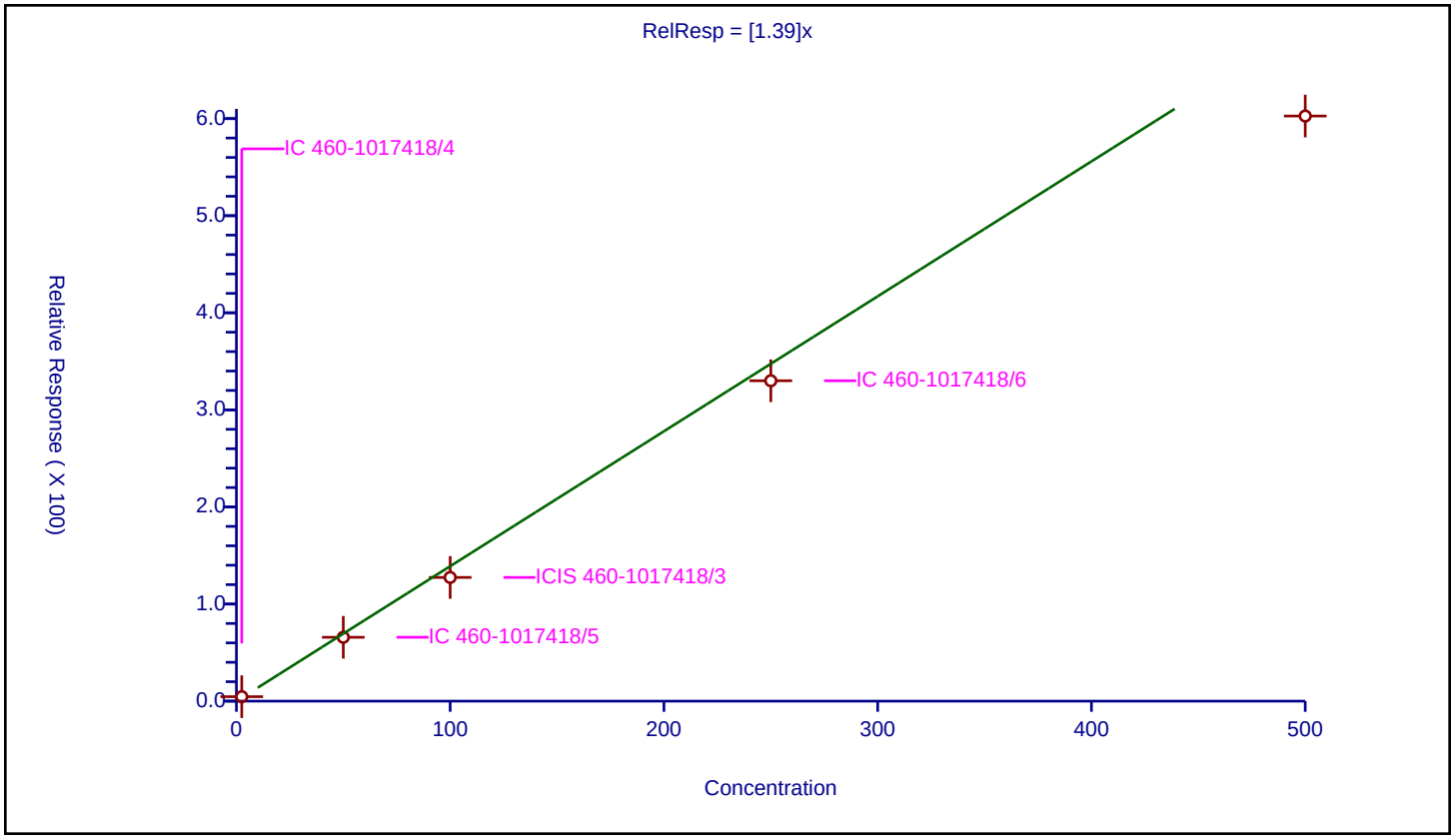
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.39 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.584416 | 100.0 | 27868368.0 | 1.833767 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 65.77826 | 100.0 | 32379818.0 | 1.315565 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 127.418082 | 100.0 | 32334899.0 | 1.274181 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 330.008597 | 100.0 | 32727461.0 | 1.320034 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 602.659835 | 100.0 | 23011540.0 | 1.20532 | Y |



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## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

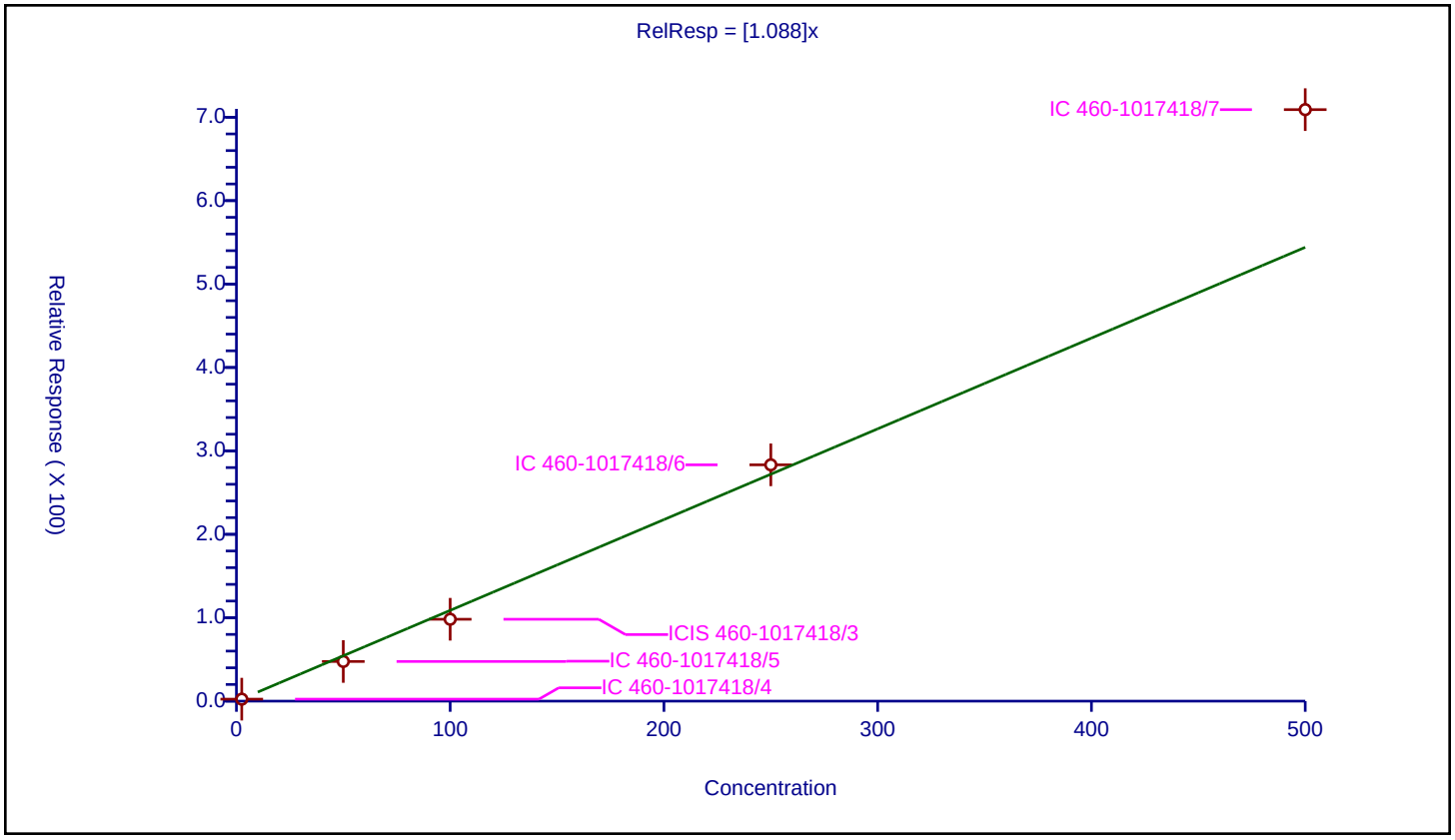
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.088 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.390951 | 100.0 | 27868368.0 | 0.95638 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 47.561639 | 100.0 | 32379818.0 | 0.951233 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 98.168975 | 100.0 | 32334899.0 | 0.98169 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 283.282018 | 100.0 | 32727461.0 | 1.133128 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 709.116117 | 100.0 | 23011540.0 | 1.418232 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

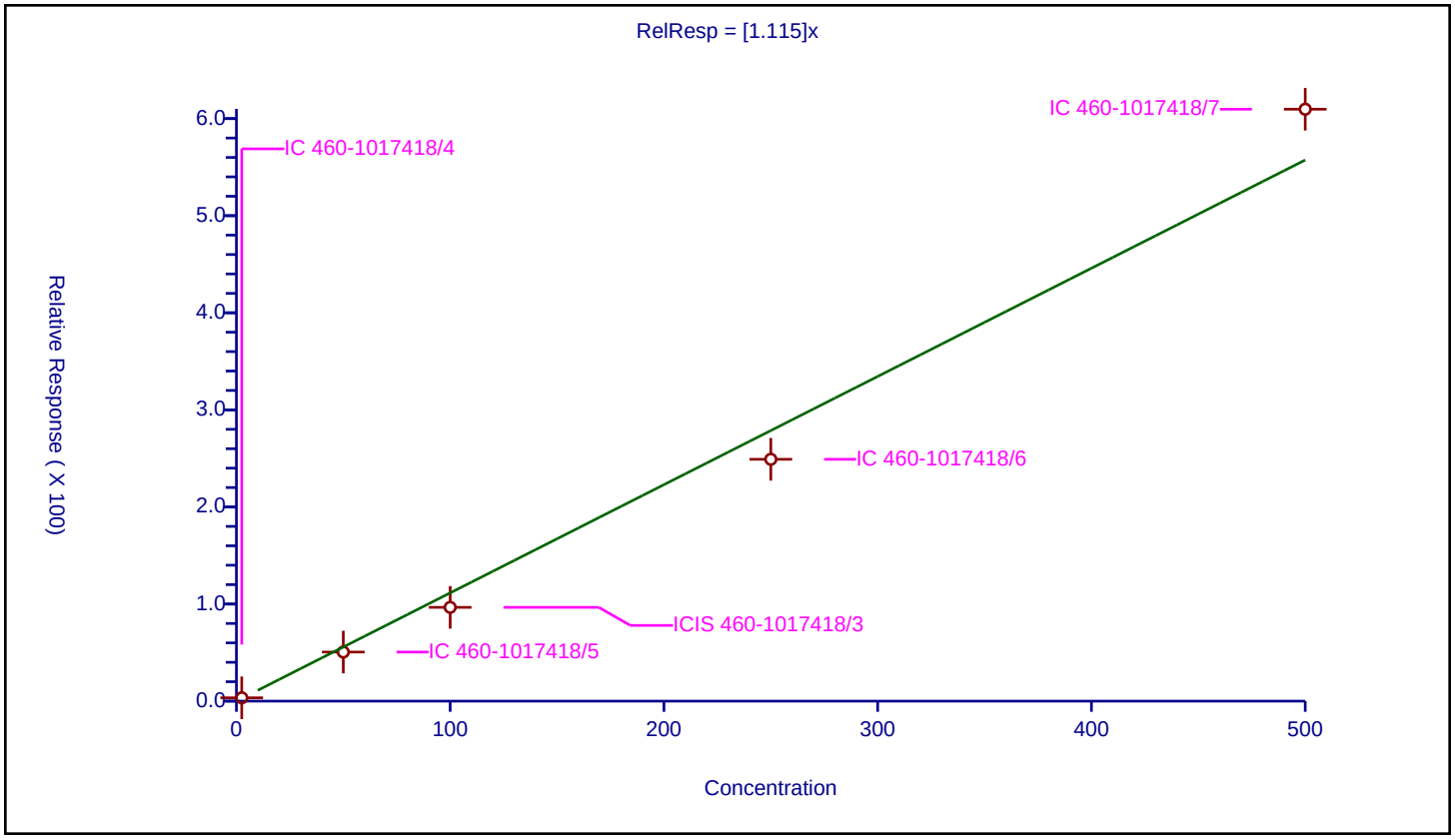
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.115 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.451465 | 100.0 | 27868368.0 | 1.380586 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 50.561269 | 100.0 | 32379818.0 | 1.011225 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 96.613062 | 100.0 | 32334899.0 | 0.966131 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 249.101441 | 100.0 | 32727461.0 | 0.996406 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 609.677514 | 100.0 | 23011540.0 | 1.219355 | Y |



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## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

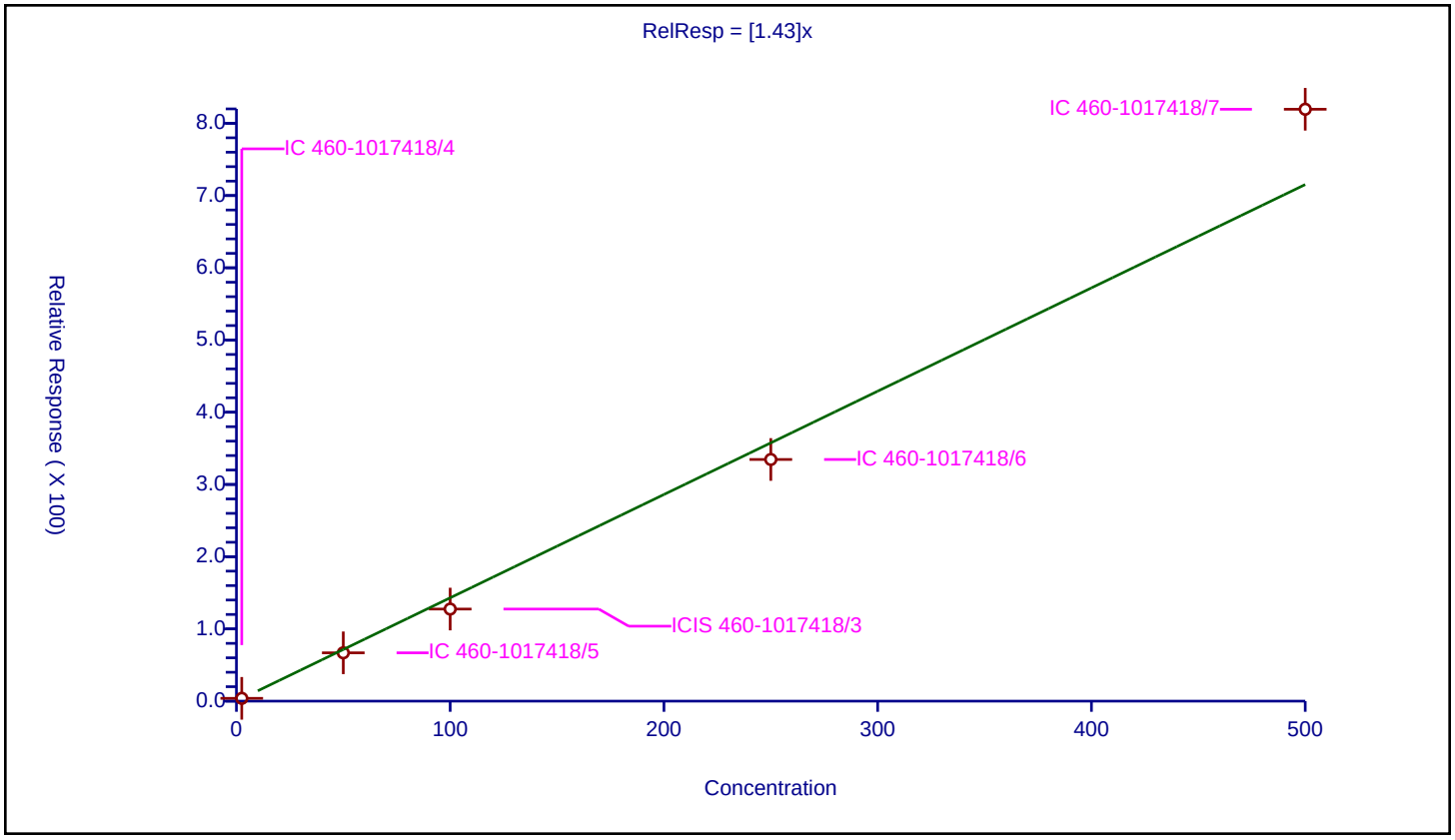
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.43 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.904516 | 100.0 | 27868368.0 | 1.561807 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 66.909684 | 100.0 | 32379818.0 | 1.338194 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 127.481666 | 100.0 | 32334899.0 | 1.274817 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 334.593872 | 100.0 | 32727461.0 | 1.338375 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 819.498786 | 100.0 | 23011540.0 | 1.638998 | Y |



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## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

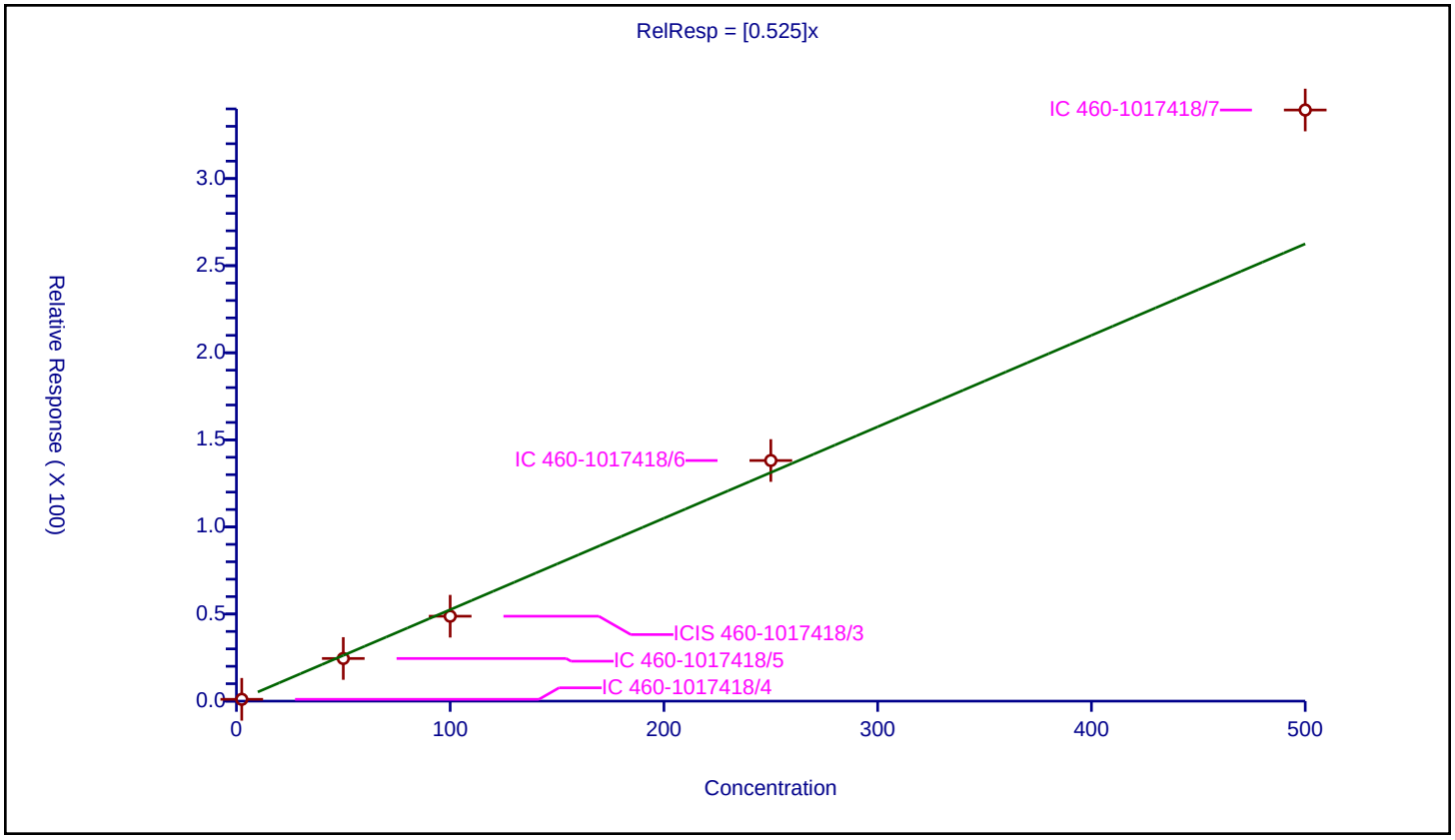
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.525 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 1.040958 | 100.0 | 27868368.0 | 0.416383 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 24.491913 | 100.0 | 32379818.0 | 0.489838 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 48.758185 | 100.0 | 32334899.0 | 0.487582 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 138.135418 | 100.0 | 32727461.0 | 0.552542 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 339.353703 | 100.0 | 23011540.0 | 0.678707 | Y |



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## Calibration / Mirex

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

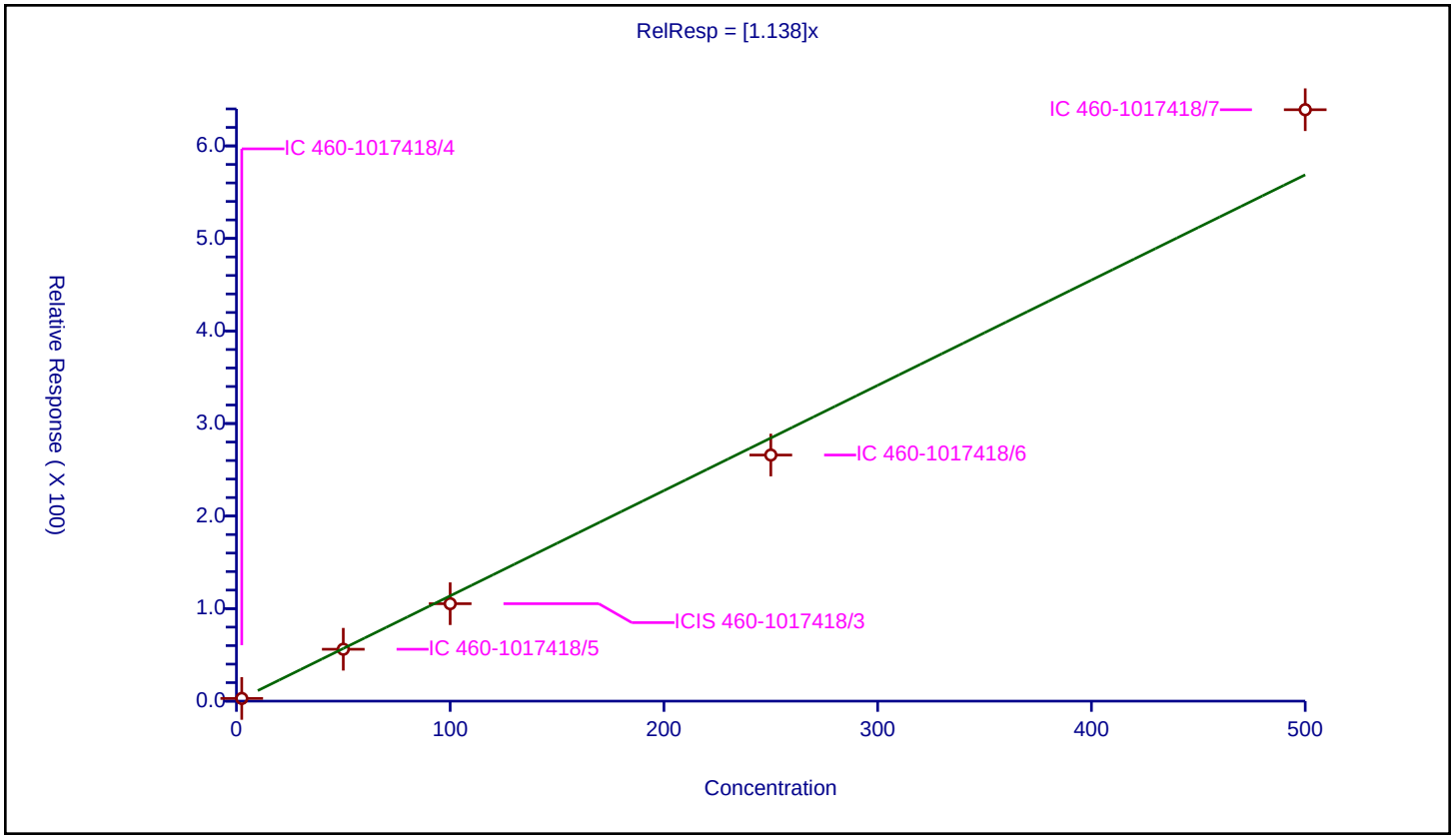
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.138 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.92795 | 100.0 | 27868368.0 | 1.17118 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 56.069574 | 100.0 | 32379818.0 | 1.121391 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 105.308843 | 100.0 | 32334899.0 | 1.053088 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 265.956061 | 100.0 | 32727461.0 | 1.063824 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 639.096175 | 100.0 | 23011540.0 | 1.278192 | Y |



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## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

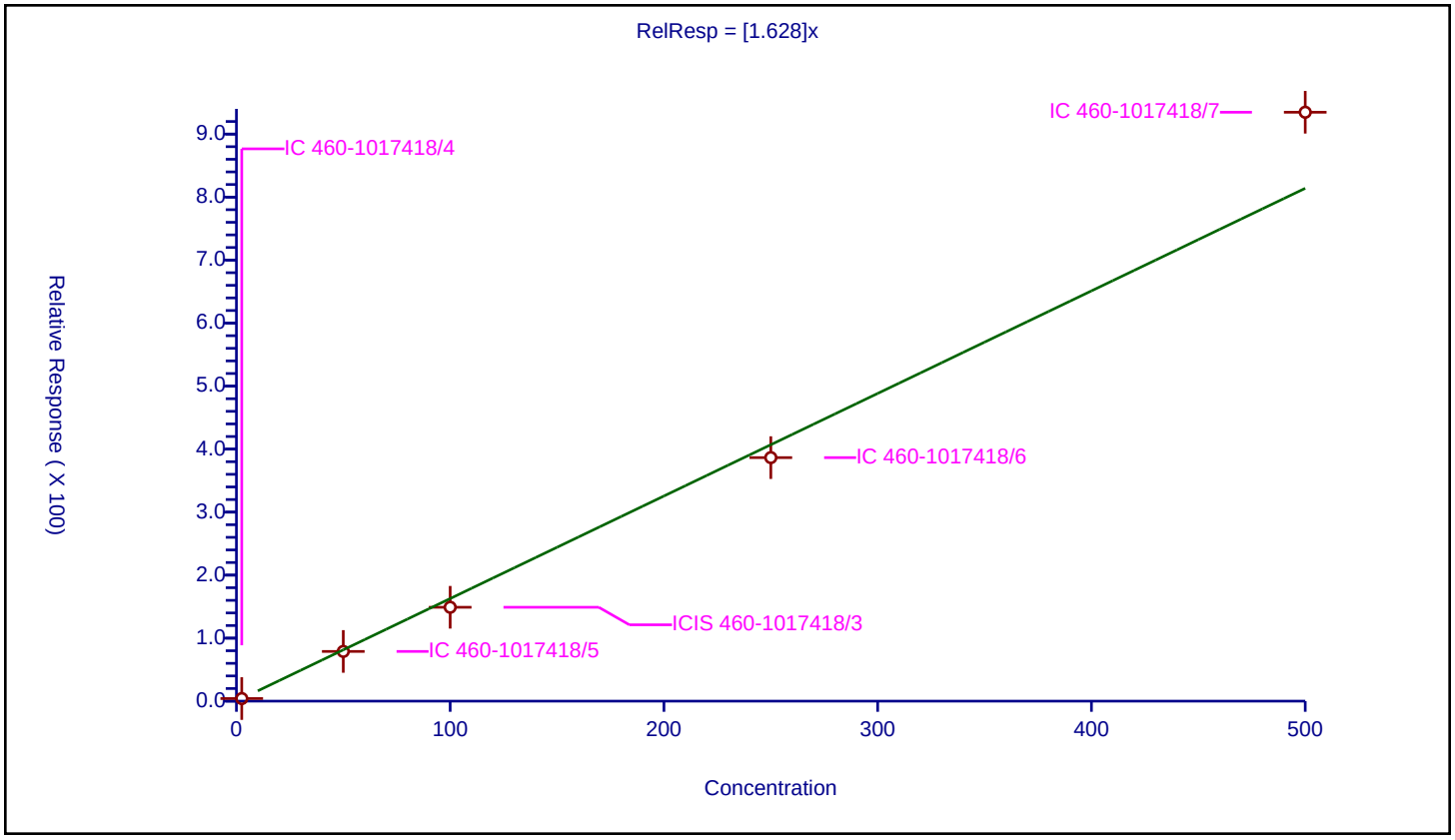
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.628 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.139292 | 100.0 | 27868368.0 | 1.655717 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 78.906314 | 100.0 | 32379818.0 | 1.578126 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 149.006406 | 100.0 | 32334899.0 | 1.490064 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 386.537511 | 100.0 | 32727461.0 | 1.54615 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 934.6878 | 100.0 | 23011540.0 | 1.869376 | Y |



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## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

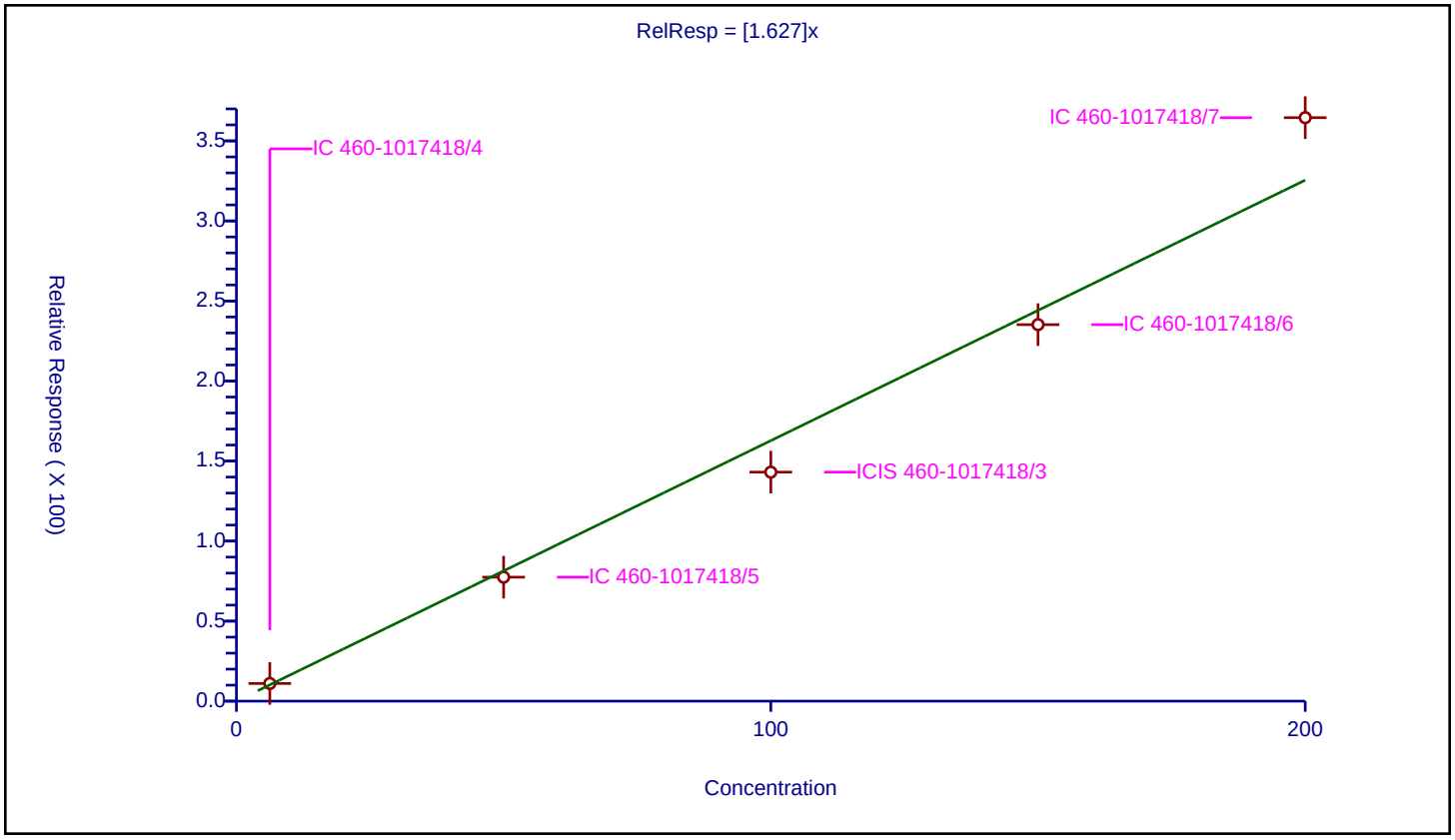
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.627 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 6.25 | 11.040431 | 100.0 | 27868368.0 | 1.766469 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 77.454694 | 100.0 | 32379818.0 | 1.549094 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 143.080558 | 100.0 | 32334899.0 | 1.430806 | Y |
| 4 | IC 460-1017418/6 | 150.0 | 235.200803 | 100.0 | 32727461.0 | 1.568005 | Y |
| 5 | IC 460-1017418/7 | 200.0 | 364.530023 | 100.0 | 23011540.0 | 1.82265 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017418

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 09:22 Calibration End Date: 01/21/2025 10:14 Calibration ID: 99912

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017418/4 | 5F0977418.D |
| Level 2 | IC 460-1017418/5 | 5F0977419.D |
| Level 3 | ICIS 460-1017418/3 | 5F0977417.D |
| Level 4 | IC 460-1017418/6 | 5F0977420.D |
| Level 5 | IC 460-1017418/7 | 5F0977421.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| alpha-BHC | 1.7486 | 1.8095 | 1.7585 | 1.7867 | 1.9955 | Ave | | 1.8197 | | | | 5.6 | | 20.0 | | | |
| gamma-BHC (Lindane) | 1.6421 | 1.6739 | 1.6211 | 1.6332 | 1.8276 | Ave | | 1.6796 | | | | 5.1 | | 20.0 | | | |
| beta-BHC | 0.8062 | 0.7408 | 0.7008 | 0.6828 | 0.7601 | Ave | | 0.7381 | | | | 6.6 | | 20.0 | | | |
| delta-BHC | 1.6883 | 1.6589 | 1.6260 | 1.6399 | 1.8605 | Ave | | 1.6947 | | | | 5.6 | | 20.0 | | | |
| Heptachlor | 1.8941 | 1.7521 | 1.6851 | 1.6747 | 1.8633 | Ave | | 1.7739 | | | | 5.7 | | 20.0 | | | |
| Aldrin | 1.7559 | 1.7426 | 1.6906 | 1.6971 | 1.9053 | Ave | | 1.7583 | | | | 4.9 | | 20.0 | | | |
| Heptachlor epoxide | 1.8146 | 1.5594 | 1.4860 | 1.4589 | 1.6217 | Ave | | 1.5881 | | | | 8.9 | | 20.0 | | | |
| trans-Chlordane | 1.7685 | 1.5758 | 1.5142 | 1.5156 | 1.7119 | Ave | | 1.6172 | | | | 7.2 | | 20.0 | | | |
| cis-Chlordane | 1.6160 | 1.4881 | 1.4623 | 1.4401 | 1.6499 | Ave | | 1.5313 | | | | 6.2 | | 20.0 | | | |
| 4,4'-DDE | 1.2741 | 1.5087 | 1.4826 | 1.5028 | 1.7216 | Ave | | 1.4980 | | | | 10.6 | | 20.0 | | | |
| Endosulfan I | 1.3255 | 1.4586 | 1.4145 | 1.3951 | 1.5421 | Ave | | 1.4272 | | | | 5.6 | | 20.0 | | | |
| Dieldrin | 1.5419 | 1.6129 | 1.5710 | 1.5694 | 1.7774 | Ave | | 1.6145 | | | | 5.9 | | 20.0 | | | |
| Endrin | 1.5000 | 1.4400 | 1.4152 | 1.4153 | 1.6149 | Ave | | 1.4771 | | | | 5.7 | | 20.0 | | | |
| 4,4'-DDD | 1.1630 | 1.2452 | 1.2342 | 1.2365 | 1.4068 | Ave | | 1.2571 | | | | 7.2 | | 20.0 | | | |
| Endosulfan II | 1.4683 | 1.2816 | 1.2570 | 1.2189 | 1.0422 | Ave | | 1.2536 | | | | 12.1 | | 20.0 | | | |
| 4,4'-DDT | 1.2328 | 1.2271 | 1.2171 | 1.2496 | 1.4296 | Ave | | 1.2712 | | | | 7.0 | | 20.0 | | | |
| Endrin aldehyde | 1.2625 | 1.0440 | 0.9875 | 0.9609 | 1.0983 | Ave | | 1.0706 | | | | 11.2 | | 20.0 | | | |
| Methoxychlor | 0.6636 | 0.6806 | 0.6500 | 0.6309 | 0.7118 | Ave | | 0.6674 | | | | 4.6 | | 20.0 | | | |
| Mirex | 1.2057 | 1.0730 | 1.0288 | 0.9812 | 1.0964 | Ave | | 1.0770 | | | | 7.8 | | 20.0 | | | |
| Endosulfan sulfate | 1.6200 | 1.3378 | 1.2889 | 1.2330 | 1.4012 | Ave | | 1.3762 | | | | 10.9 | | 20.0 | | | |
| Endrin ketone | 1.6882 | 1.5314 | 1.4598 | 1.4006 | 1.5578 | Ave | | 1.5276 | | | | 7.1 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.3244 | 1.1463 | 1.1074 | 1.1840 | 1.3053 | Ave | | 1.2135 | | | | 8.0 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 1.6608 | 1.4919 | 1.3317 | 1.3607 | 1.5180 | Ave | | 1.4726 | | | | 9.0 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017418

SDG No.:

Instrument ID: CPESTGC5 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 09:22 | Calibration End Date: 01/21/2025 10:14 | Calibration ID: 99912

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017418/4 | 5F0977418.D |
| Level 2 | IC 460-1017418/5 | 5F0977419.D |
| Level 3 | ICIS 460-1017418/3 | 5F0977417.D |
| Level 4 | IC 460-1017418/6 | 5F0977420.D |
| Level 5 | IC 460-1017418/7 | 5F0977421.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| alpha-BHC | BNB | Ave | 2070958 | 49067320 | 93360054 | 242714992 | 401827802 | 2.50 | 50.0 | 100 | 250 | 500 |
| gamma-BHC (Lindane) | BNB | Ave | 1944808 | 45390020 | 86065351 | 221859137 | 368019804 | 2.50 | 50.0 | 100 | 250 | 500 |
| beta-BHC | BNB | Ave | 954879 | 20088036 | 37204519 | 92759624 | 153054022 | 2.50 | 50.0 | 100 | 250 | 500 |
| delta-BHC | BNB | Ave | 1999597 | 44982978 | 86328847 | 222769413 | 374642440 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor | BNB | Ave | 2243296 | 47510334 | 89462431 | 227504054 | 375220526 | 2.50 | 50.0 | 100 | 250 | 500 |
| Aldrin | BNB | Ave | 2079600 | 47252837 | 89755881 | 230547494 | 383664140 | 2.50 | 50.0 | 100 | 250 | 500 |
| Heptachlor epoxide | BNB | Ave | 2149132 | 42285542 | 78892291 | 198187633 | 326563472 | 2.50 | 50.0 | 100 | 250 | 500 |
| trans-Chlordane | BNB | Ave | 2094556 | 42730167 | 80393781 | 205885193 | 344717596 | 2.50 | 50.0 | 100 | 250 | 500 |
| cis-Chlordane | BNB | Ave | 1913942 | 40351380 | 77634753 | 195635729 | 332236776 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDE | BNB | Ave | 1508997 | 40910188 | 78714866 | 204150064 | 346686775 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan I | BNB | Ave | 1569915 | 39552973 | 75096504 | 189516936 | 310532692 | 2.50 | 50.0 | 100 | 250 | 500 |
| Dieldrin | BNB | Ave | 1826161 | 43735296 | 83407827 | 213193897 | 357922898 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin | BNB | Ave | 1776496 | 39046732 | 75133920 | 192260716 | 325199846 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDD | BNB | Ave | 1377387 | 33764401 | 65525462 | 167964891 | 283289290 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan II | BNB | Ave | 1739018 | 34754059 | 66738593 | 165575950 | 209877062 | 2.50 | 50.0 | 100 | 250 | 500 |
| 4,4'-DDT | BNB | Ave | 1460139 | 33274383 | 64619440 | 169750918 | 287875297 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin aldehyde | BNB | Ave | 1495263 | 28310864 | 52426887 | 130537897 | 221160592 | 2.50 | 50.0 | 100 | 250 | 500 |
| Methoxychlor | BNB | Ave | 785930 | 18456396 | 34509541 | 85701943 | 143342521 | 2.50 | 50.0 | 100 | 250 | 500 |
| Mirex | BNB | Ave | 1427984 | 29095145 | 54621400 | 133287422 | 220784045 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endosulfan sulfate | BNB | Ave | 1918668 | 36276910 | 68430291 | 167494310 | 282158423 | 2.50 | 50.0 | 100 | 250 | 500 |
| Endrin ketone | BNB | Ave | 1999460 | 41526549 | 77504065 | 190268620 | 313689176 | 2.50 | 50.0 | 100 | 250 | 500 |
| Tetrachloro-m-xylene | BNB | Ave | 3921364 | 31084426 | 58794244 | 96507486 | 105138405 | 6.25 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 4917453 | 40456527 | 70701229 | 110908424 | 122271546 | 6.25 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Lims ID: ICIS
Client ID:
Sample Type: ICISAV Calib Level: 3
Inject. Date: 21-Jan-2025 09:22:16 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 21-Jan-2025 09:57:22

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.509 | 1.509 | 0.000 | 32334899 | 100.0 | 100.0 | M |
| 2 | 1.612 | 1.612 | 0.000 | 53091646 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 32099698 | 100.0 | 92.8 | |
| 2 | 1.999 | 1.999 | 0.000 | 58794244 | 100.0 | 91.3 | |
| | | | | | | RPD = 1.69 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 52719378 | 100.0 | 96.3 | |
| 2 | 2.334 | 2.334 | 0.000 | 93360054 | 100.0 | 96.6 | |
| | | | | | | RPD = 0.33 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.738 | 2.738 | 0.000 | 48615515 | 100.0 | 96.1 | M |
| 2 | 2.551 | 2.551 | 0.000 | 86065351 | 100.0 | 96.5 | M |
| | | | | | | RPD = 0.42 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 20170053 | 100.0 | 93.1 | M |
| 2 | 2.604 | 2.604 | 0.000 | 37204519 | 100.0 | 94.9 | M |
| | | | | | | RPD = 1.91 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.092 | 3.092 | 0.000 | 47766394 | 100.0 | 92.4 | M |
| 2 | 2.744 | 2.744 | 0.000 | 86328847 | 100.0 | 95.9 | |
| | | | | | | RPD = 3.72 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.167 | 3.167 | 0.000 | 46585502 | 100.0 | 91.5 | M |
| 2 | 2.925 | 2.925 | 0.000 | 89462431 | 100.0 | 95.0 | |
| | | | | | | RPD = 3.76 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 46627163 | 100.0 | 93.3 | |
| 2 | 3.194 | 3.194 | 0.000 | 89755881 | 100.0 | 96.1 | |
| | | | | | | RPD = 3.02 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.207 | 0.000 | 40074950 | 100.0 | 92.0 | |
| 2 | 3.814 | 3.814 | 0.000 | 78892291 | 100.0 | 93.6 | |
| | | | | | | RPD = 1.68 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 40819174 | 100.0 | 91.6 | |
| 2 | 3.945 | 3.945 | 0.000 | 80393781 | 100.0 | 93.6 | |
| | | | | | | RPD = 2.23 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.624 | 4.624 | 0.000 | 39766807 | 100.0 | 93.1 | M |
| 2 | 4.084 | 4.084 | 0.000 | 77634753 | 100.0 | 95.5 | |
| | | | | | | RPD = 2.54 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 38797834 | 100.0 | 94.4 | M |
| 2 | 4.231 | 4.231 | 0.000 | 75096504 | 100.0 | 99.1 | |
| | | | | | | RPD = 4.83 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.824 | 4.824 | 0.000 | 41304622 | 100.0 | 92.9 | M |
| 2 | 4.165 | 4.165 | 0.000 | 78714866 | 100.0 | 99.0 | |
| | | | | | | RPD = 6.38 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.985 | 4.985 | 0.000 | 45621060 | 100.0 | 95.6 | M |
| 2 | 4.504 | 4.504 | 0.000 | 83407827 | 100.0 | 97.3 | |
| | | | | | | RPD = 1.72 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 41200503 | 100.0 | 93.0 | M |
| 2 | 4.766 | 4.766 | 0.000 | 75133920 | 100.0 | 95.8 | |
| | | | | | | RPD = 2.93 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.382 | 0.000 | 38472265 | 100.0 | 88.4 | M |
| 2 | 4.843 | 4.843 | 0.000 | 65525462 | 100.0 | 98.2 | |
| | | | | | | RPD = 10.44 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.456 | 0.000 | 41200508 | 100.0 | 91.7 | M |
| 2 | 4.979 | 4.979 | 0.000 | 66738593 | 100.0 | 100.3 | |
| | | | | | | RPD = 8.95 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.661 | 0.000 | 31742839 | 100.0 | 90.2 | |
| 2 | 5.103 | 5.103 | 0.000 | 64619440 | 100.0 | 95.7 | |
| | | | | | | RPD = 5.94 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.756 | 0.000 | 31239736 | 100.0 | 86.7 | |
| 2 | 5.339 | 5.339 | 0.000 | 52426887 | 100.0 | 92.2 | |
| | | | | | | RPD = 6.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 41221068 | 100.0 | 89.1 | |
| 2 | 5.697 | 5.697 | 0.000 | 68430291 | 100.0 | 93.7 | |
| | | | | | | RPD = 4.97 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.463 | 6.463 | 0.000 | 15765910 | 100.0 | 92.9 | |
| 2 | 5.532 | 5.532 | 0.000 | 34509541 | 100.0 | 97.4 | |
| | | | | | | RPD = 4.76 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.580 | 6.580 | 0.000 | 34051508 | 100.0 | 92.6 | M |
| 2 | 5.600 | 5.600 | 0.000 | 54621400 | 100.0 | 95.5 | |
| | | | | | | RPD = 3.14 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 48181071 | 100.0 | 91.5 | M |
| 2 | 5.925 | 5.925 | 0.000 | 77504065 | 100.0 | 95.6 | |
| | | | | | | RPD = 4.31 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 46264954 | 100.0 | 87.9 | |
| 2 | 7.319 | 7.319 | 0.000 | 70701229 | 100.0 | 90.4 | |
| | | | | | | RPD = 2.81 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

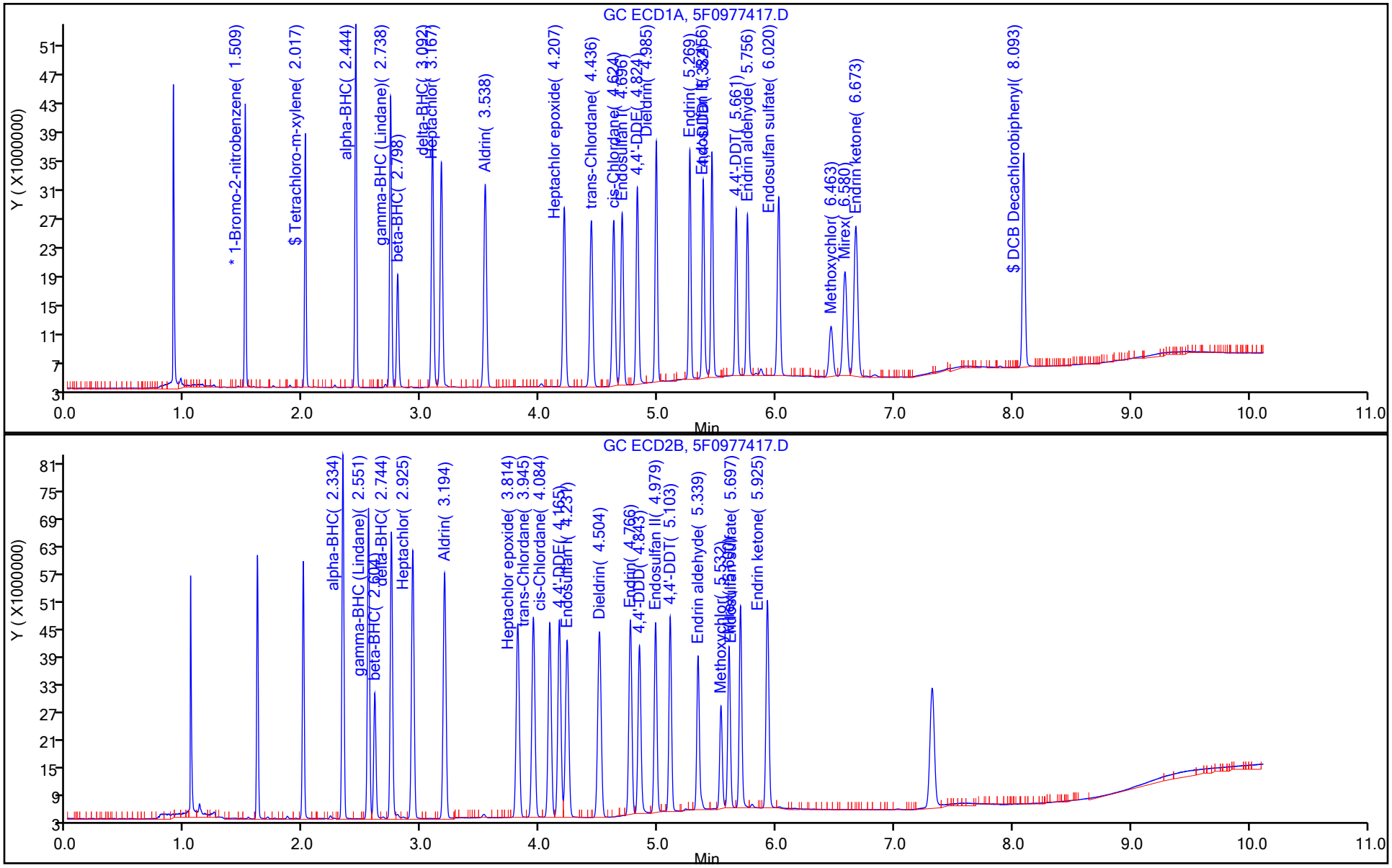
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 09:22:16 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Resolution Report

Eurofins Edison

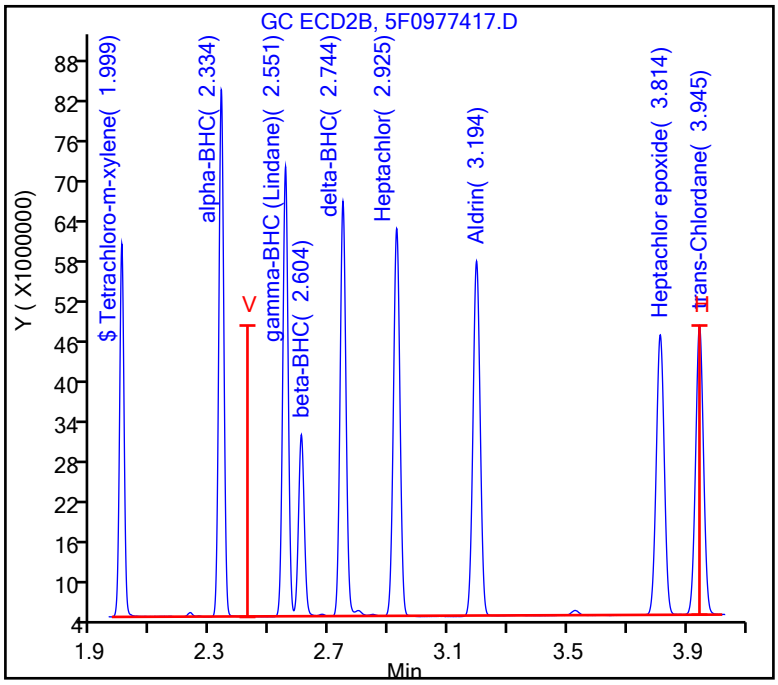
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 43628352
H(Smaller Peak Height) = 43289552

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

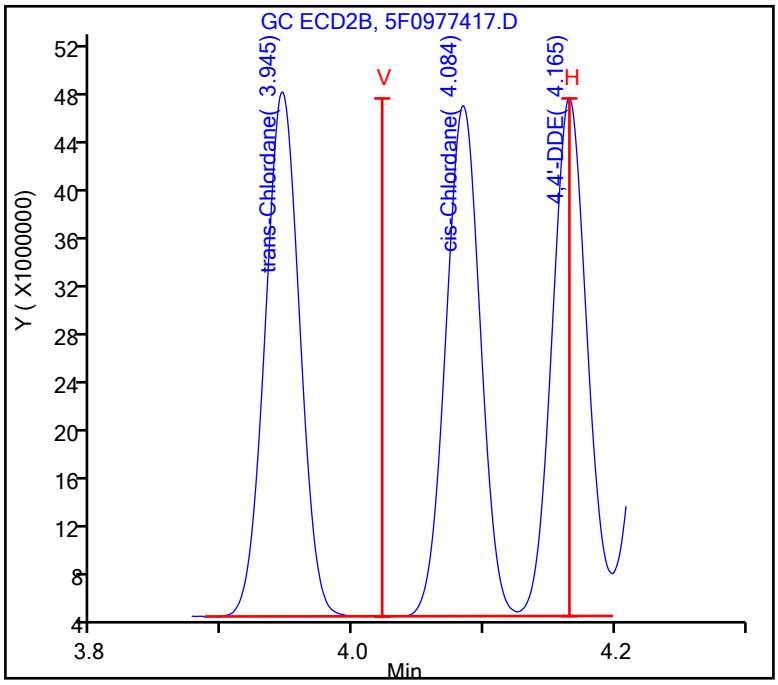
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

9 trans-Chlordane - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 42747648
H(Smaller Peak Height) = 42701152

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

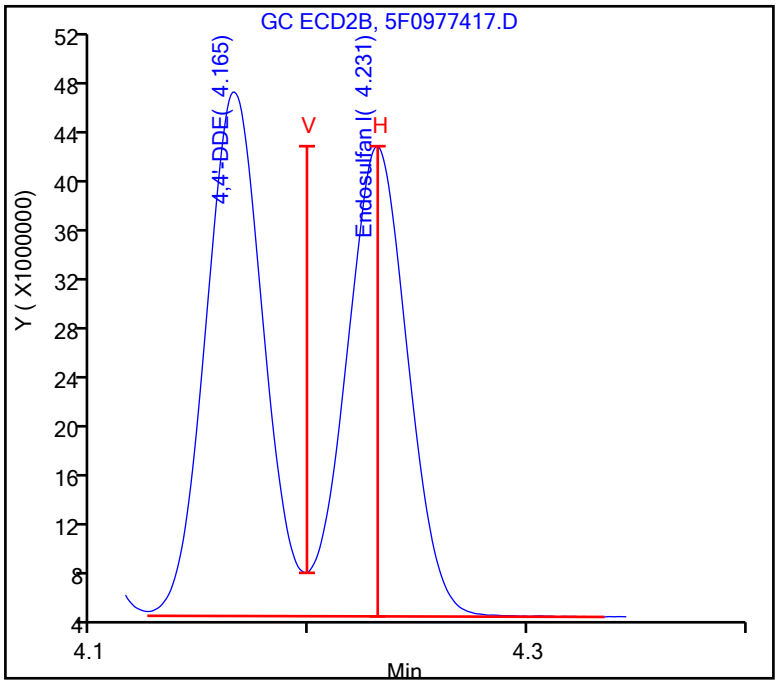
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 34777088
H(Smaller Peak Height) = 38323504

%Resolution = 90.7, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

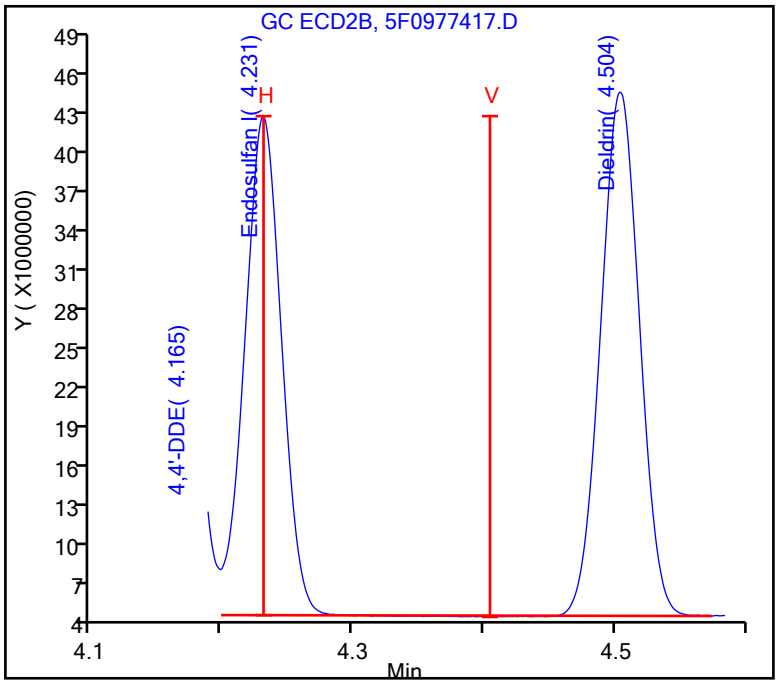
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 38419872
H(Smaller Peak Height) = 38284020

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

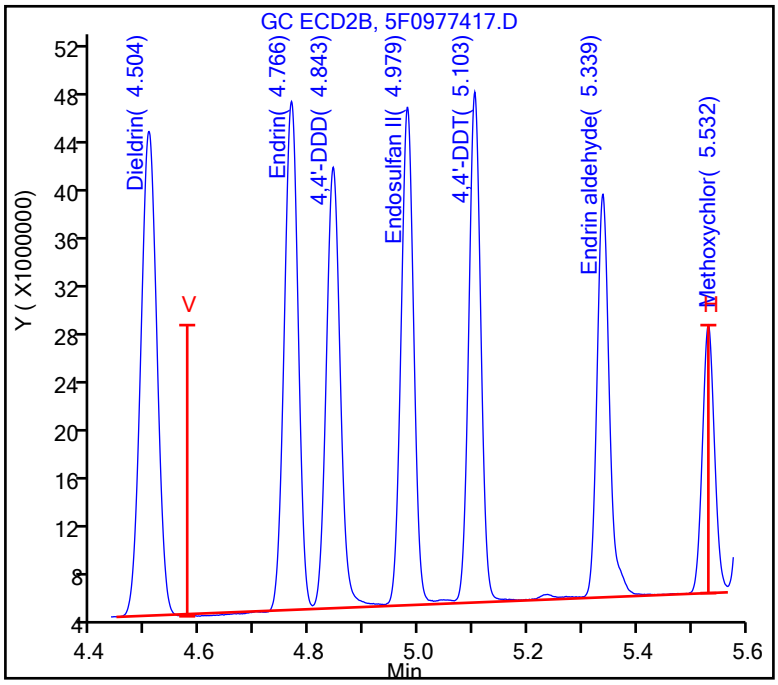
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 24132000
H(Smaller Peak Height) = 22209912

%Resolution = 100.0, Min. Resolution > 60.0
Passed

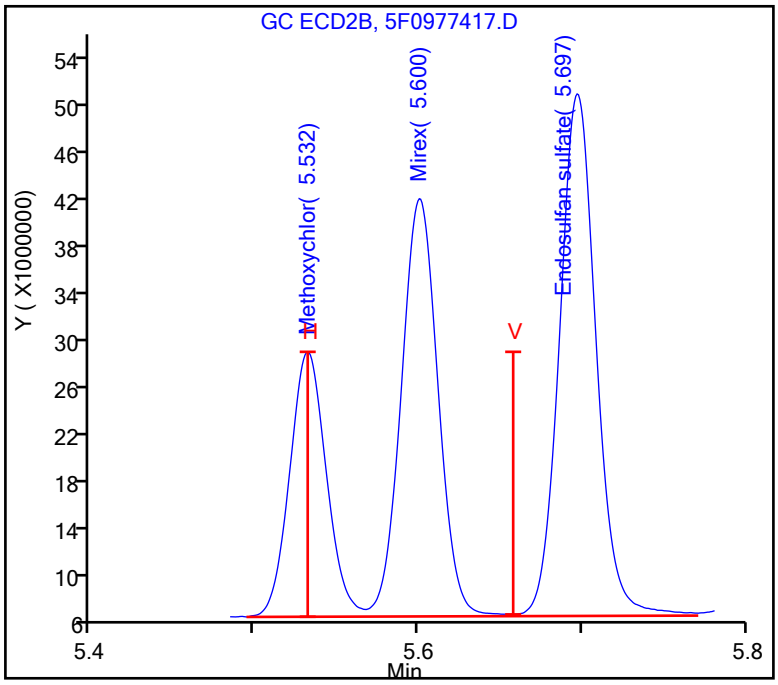


Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate




CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 22074112
H(Smaller Peak Height) = 22271532

%Resolution = 99.1, Min. Resolution > 60.0
Passed

Resolution Report

Eurofins Edison

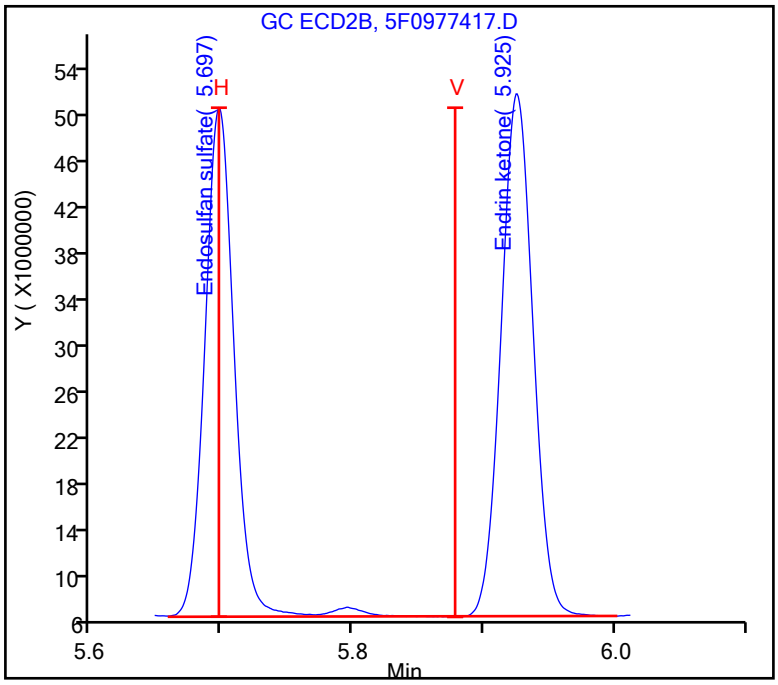
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 43827808
H(Smaller Peak Height) = 43848896

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

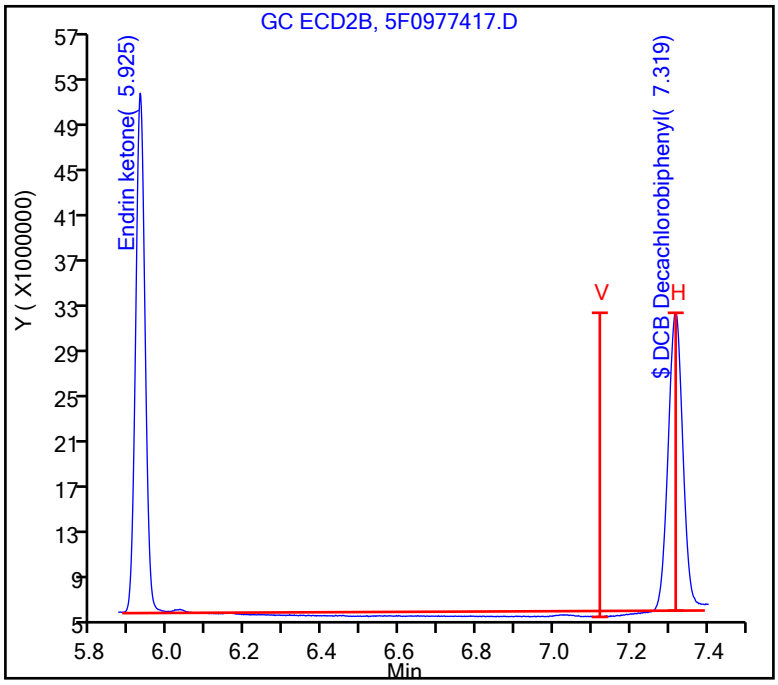
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 26377344
H(Smaller Peak Height) = 25830476

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Manual Integration/User Assign Peak Report

Eurofins Edison

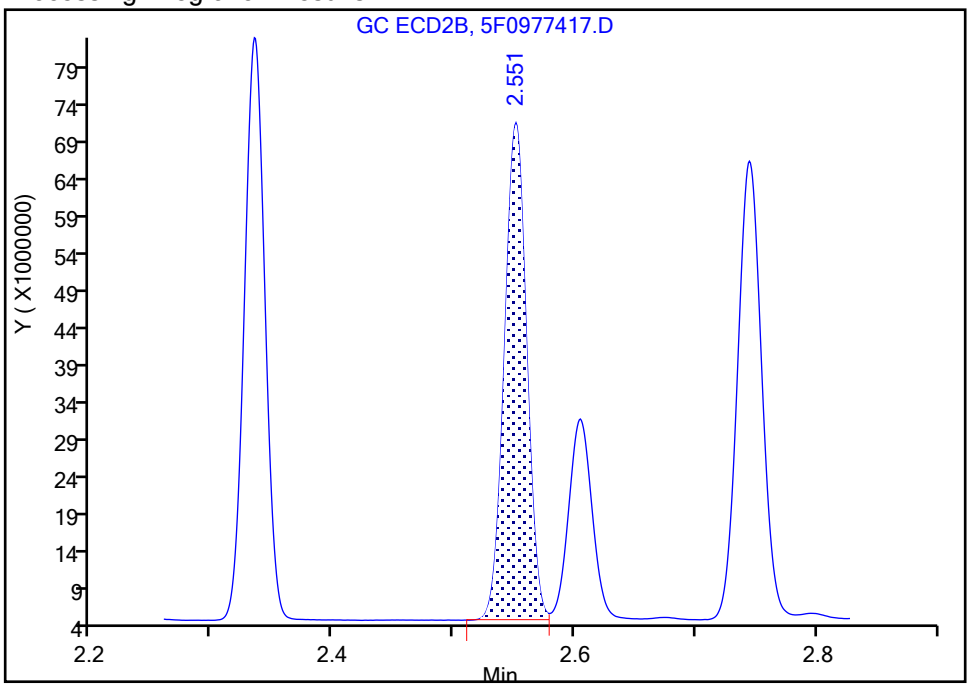
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

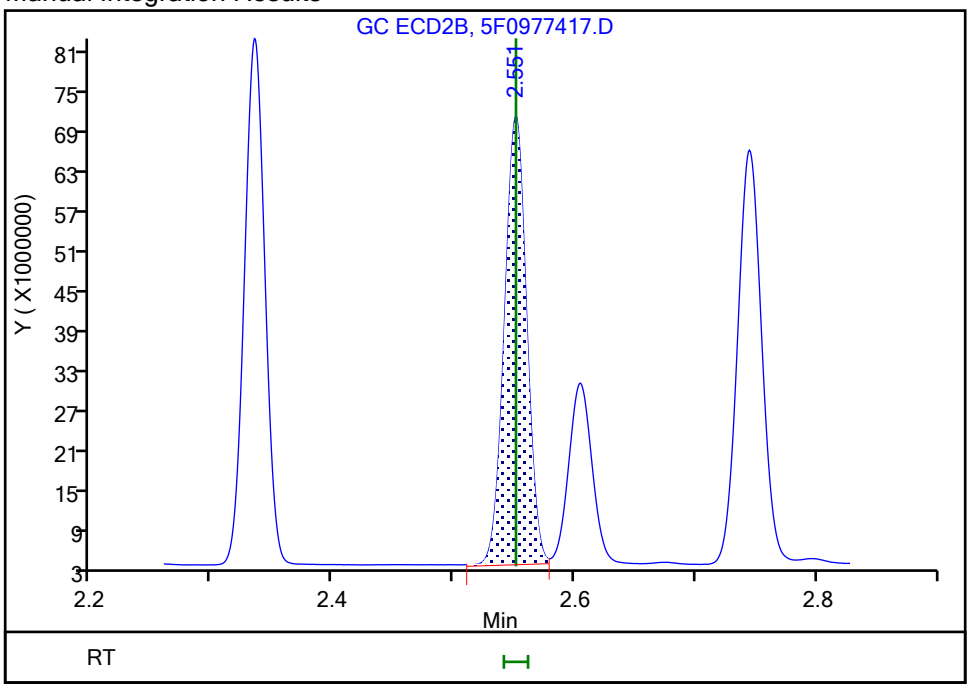
Processing Integration Results

RT: 2.55
Area: 85390669
Amount: 99.677711
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 86065351
Amount: 96.518010
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

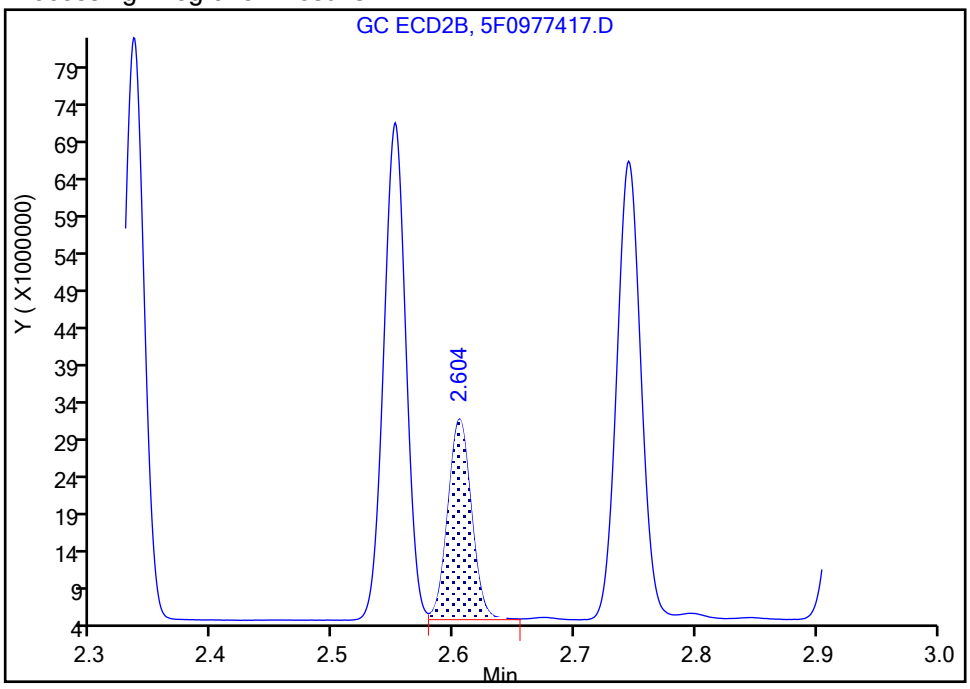
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977417.D
Injection Date: 21-Jan-2025 09:22:16 Instrument ID: CPESTGC5
Lims ID: ICIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

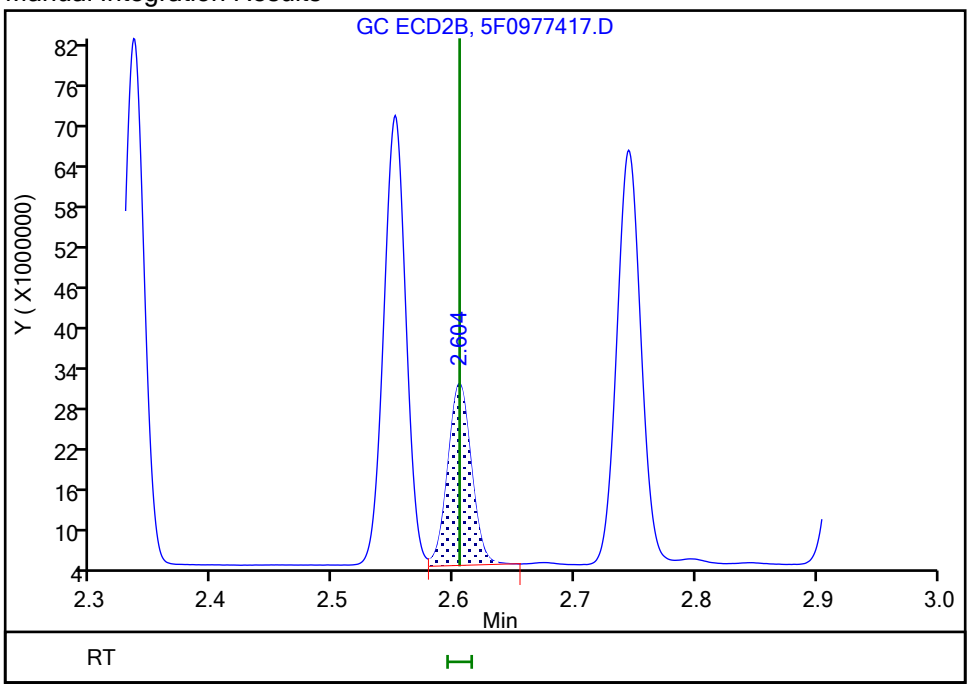
Processing Integration Results

RT: 2.60
Area: 36258424
Amount: 98.798440
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 37204519
Amount: 94.936200
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:52:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 09:35:22 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:39 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 21-Jan-2025 09:51:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.509 | 1.509 | 0.000 | 27868368 | 100.0 | 100.0 | M |
| 2 | 1.613 | 1.612 | 0.001 | 47374775 | 100.0 | 100.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 1792728 | 6.25 | 6.01 | |
| 2 | 2.000 | 1.999 | 0.001 | 3921364 | 6.25 | 6.82 | |
| | | | | | | RPD = 12.57 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 934031 | 2.50 | 1.98 | |
| 2 | 2.335 | 2.334 | 0.001 | 2070958 | 2.50 | 2.40 | |
| | | | | | | RPD = 19.28 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.738 | 2.738 | 0.000 | 879459 | 2.50 | 2.02 | |
| 2 | 2.552 | 2.551 | 0.001 | 1944808 | 2.50 | 2.44 | |
| | | | | | | RPD = 19.13 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.798 | 2.798 | 0.000 | 460878 | 2.50 | 2.47 | |
| 2 | 2.605 | 2.604 | 0.001 | 954879 | 2.50 | 2.73 | |
| | | | | | | RPD = 10.05 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.093 | 3.092 | 0.001 | 1007400 | 2.50 | 2.26 | |
| 2 | 2.744 | 2.744 | 0.000 | 1999597 | 2.50 | 2.49 | |
| | | | | | | RPD = 9.61 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.167 | 3.167 | 0.000 | 1088439 | 2.50 | 2.48 | |
| 2 | 2.926 | 2.925 | 0.001 | 2243296 | 2.50 | 2.67 | |
| | | | | | | RPD = 7.35 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 941147 | 2.50 | 2.18 | |
| 2 | 3.194 | 3.194 | 0.000 | 2079600 | 2.50 | 2.50 | |
| | | | | | | RPD = 13.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 894787 | 2.50 | 2.38 | |
| 2 | 3.813 | 3.814 | -0.001 | 2149132 | 2.50 | 2.86 | |
| | | | | | | RPD = 18.04 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.435 | 4.436 | -0.001 | 910600 | 2.50 | 2.37 | |
| 2 | 3.946 | 3.945 | 0.001 | 2094556 | 2.50 | 2.73 | |
| | | | | | | RPD = 14.25 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.624 | 4.624 | 0.000 | 813553 | 2.50 | 2.21 | |
| 2 | 4.083 | 4.084 | -0.001 | 1913942 | 2.50 | 2.64 | |
| | | | | | | RPD = 17.68 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.697 | 4.696 | 0.001 | 787835 | 2.50 | 2.23 | |
| 2 | 4.230 | 4.231 | -0.001 | 1569915 | 2.50 | 2.32 | |
| | | | | | | RPD = 4.26 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.828 | 4.824 | 0.004 | 791615 | 2.50 | 2.06 | |
| 2 | 4.165 | 4.165 | 0.000 | 1508997 | 2.50 | 2.13 | |
| | | | | | | RPD = 2.94 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.986 | 4.985 | 0.001 | 794350 | 2.50 | 1.93 | M |
| 2 | 4.506 | 4.504 | 0.002 | 1826161 | 2.50 | 2.39 | |
| | | | | | | RPD = 21.07 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 847005 | 2.50 | 2.22 | M |
| 2 | 4.767 | 4.766 | 0.001 | 1776496 | 2.50 | 2.54 | |
| | | | | | | RPD = 13.42 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.382 | 0.001 | 835915 | 2.50 | 2.23 | M |
| 2 | 4.843 | 4.843 | 0.000 | 1377387 | 2.50 | 2.31 | |
| | | | | | | RPD = 3.67 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.458 | 5.456 | 0.002 | 1277602 | 2.50 | 3.30 | M |
| 2 | 4.978 | 4.979 | -0.001 | 1739018 | 2.50 | 2.93 | |
| | | | | | | RPD = 11.90 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.662 | 5.661 | 0.001 | 666319 | 2.50 | 2.20 | M |
| 2 | 5.104 | 5.103 | 0.001 | 1460139 | 2.50 | 2.42 | |
| | | | | | | RPD = 9.83 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.758 | 5.756 | 0.002 | 961867 | 2.50 | 3.10 | M |
| 2 | 5.338 | 5.339 | -0.001 | 1495263 | 2.50 | 2.95 | M |
| | | | | | | RPD = 4.90 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.023 | 6.020 | 0.003 | 1088125 | 2.50 | 2.73 | M |
| 2 | 5.697 | 5.697 | 0.000 | 1918668 | 2.50 | 2.94 | M |
| | | | | | | RPD = 7.52 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.468 | 6.463 | 0.005 | 290098 | 2.50 | 1.98 | |
| 2 | 5.532 | 5.532 | 0.000 | 785930 | 2.50 | 2.49 | M |
| | | | | | | RPD = 22.51 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 815972 | 2.50 | 2.57 | |
| 2 | 5.599 | 5.600 | -0.001 | 1427984 | 2.50 | 2.80 | M |
| | | | | | | RPD = 8.37 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.674 | 6.673 | 0.001 | 1153553 | 2.50 | 2.54 | |
| 2 | 5.924 | 5.925 | -0.001 | 1999460 | 2.50 | 2.76 | M |
| | | | | | | RPD = 8.30 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 8.094 | 8.093 | 0.001 | 3076788 | 6.25 | 6.78 | |
| 2 | 7.318 | 7.319 | -0.001 | 4917453 | 6.25 | 7.05 | M |
| | | | | | | RPD = 3.82 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

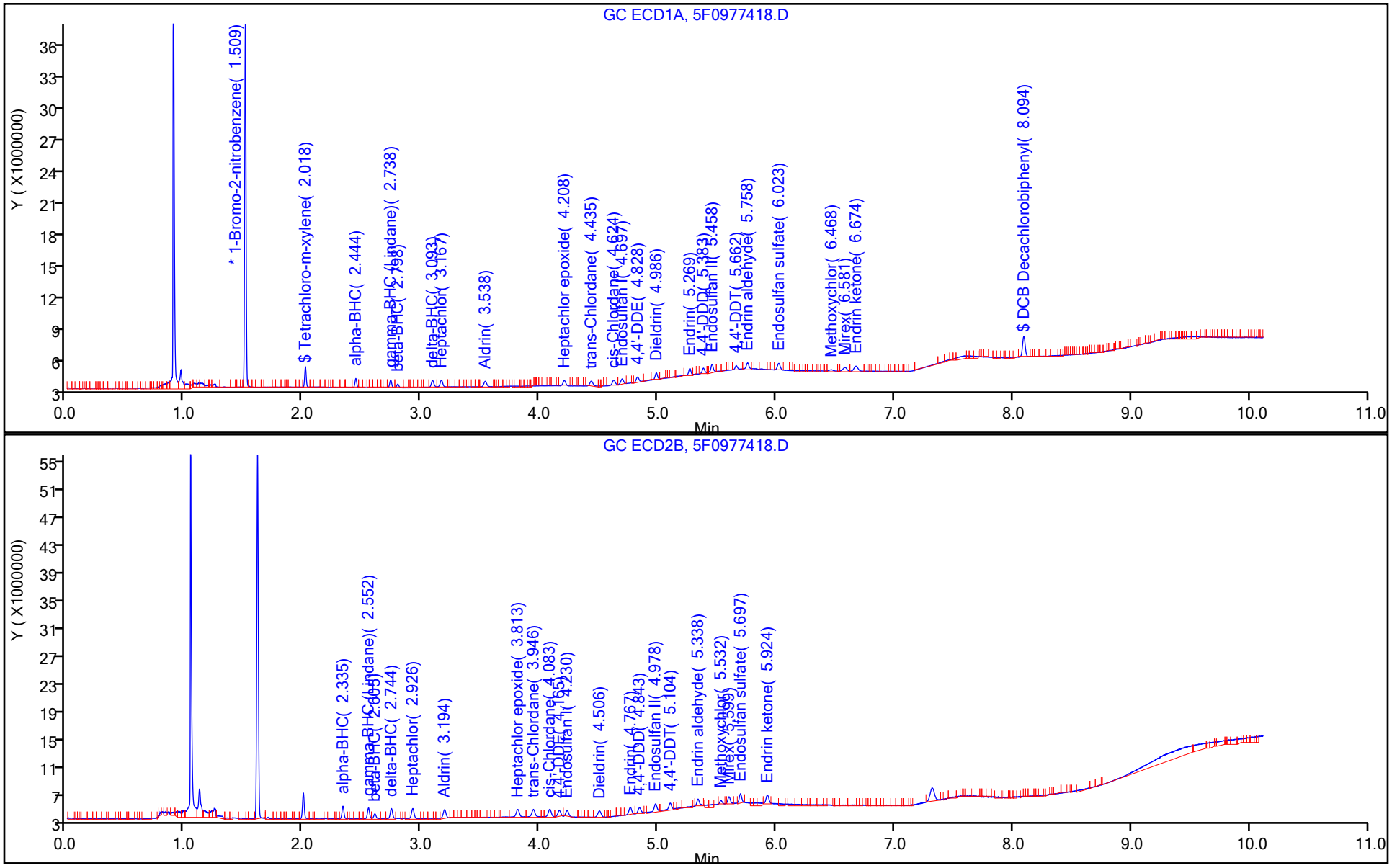
| | | | |
|---|---|---|---|
| SGPESTL1_00038 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 09:35:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

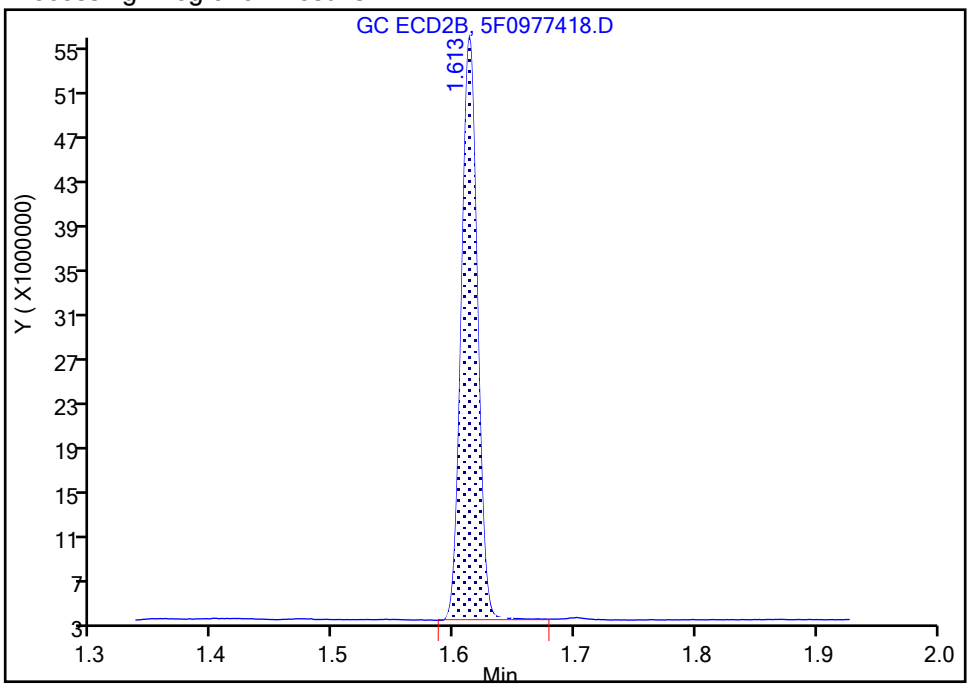
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## * 37 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

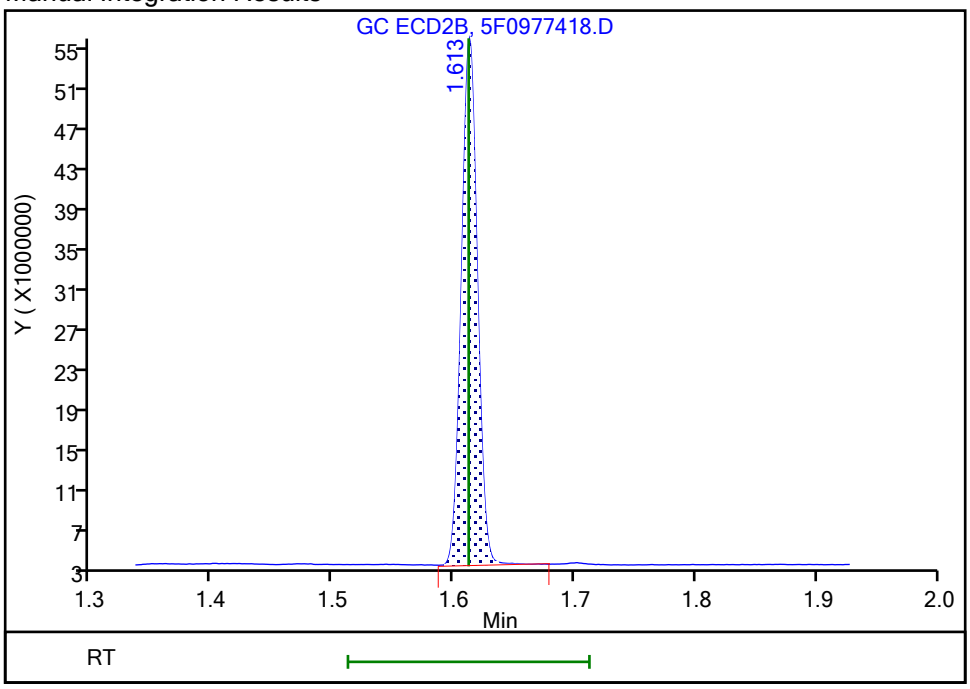
Processing Integration Results

RT: 1.61
Area: 47673373
Amount: 100.0000
Amount Units: ug/l




Manual Integration Results

RT: 1.61
Area: 47374775
Amount: 100.0000
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:53:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

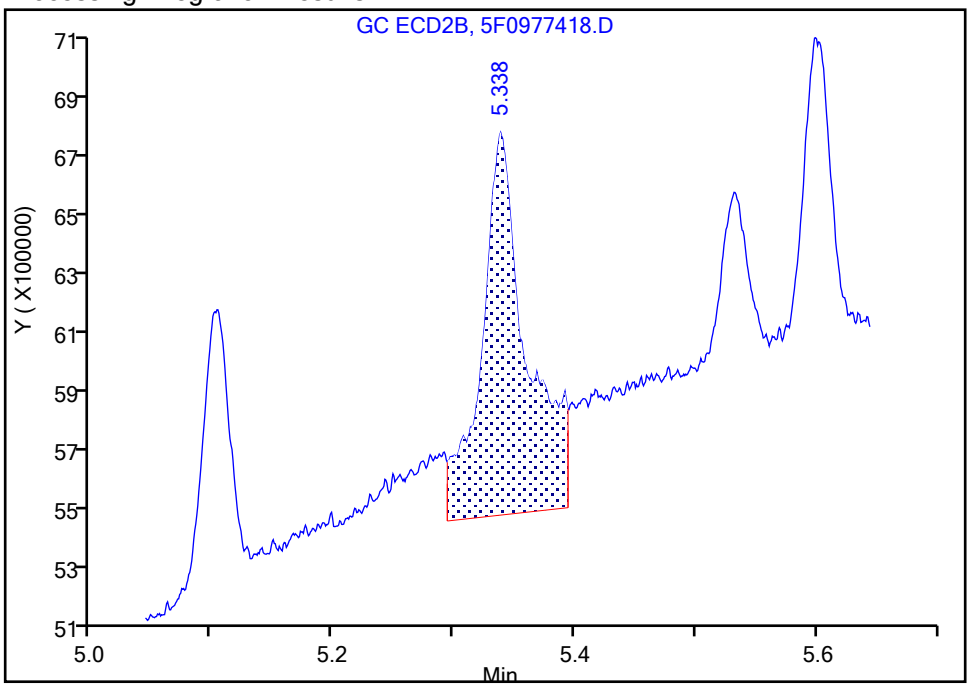
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

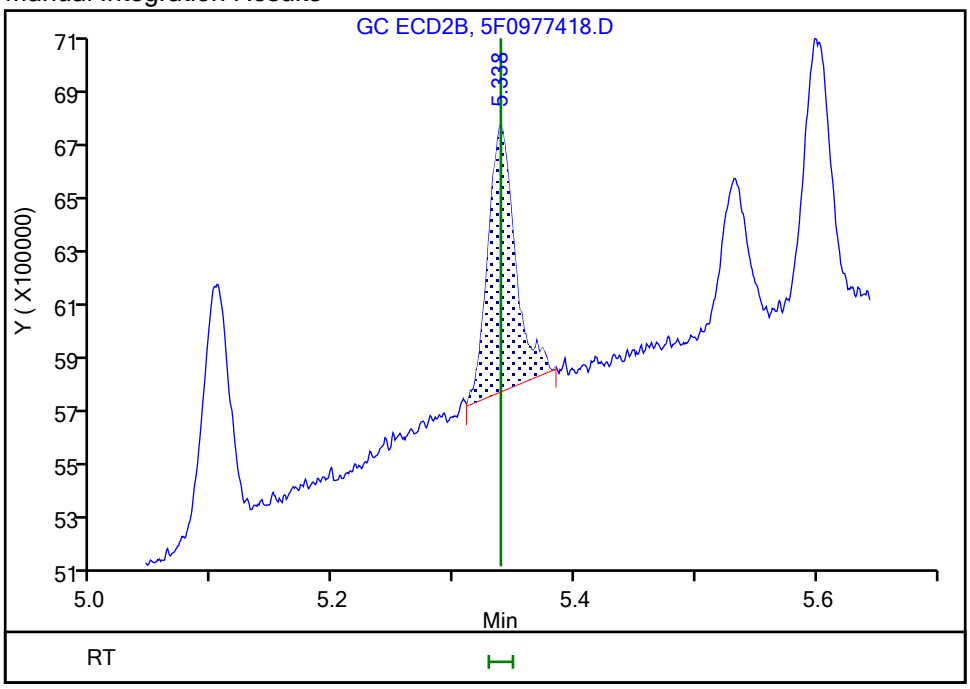
Processing Integration Results

RT: 5.34
Area: 3226201
Amount: 2.020040
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 1495263
Amount: 2.947983
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

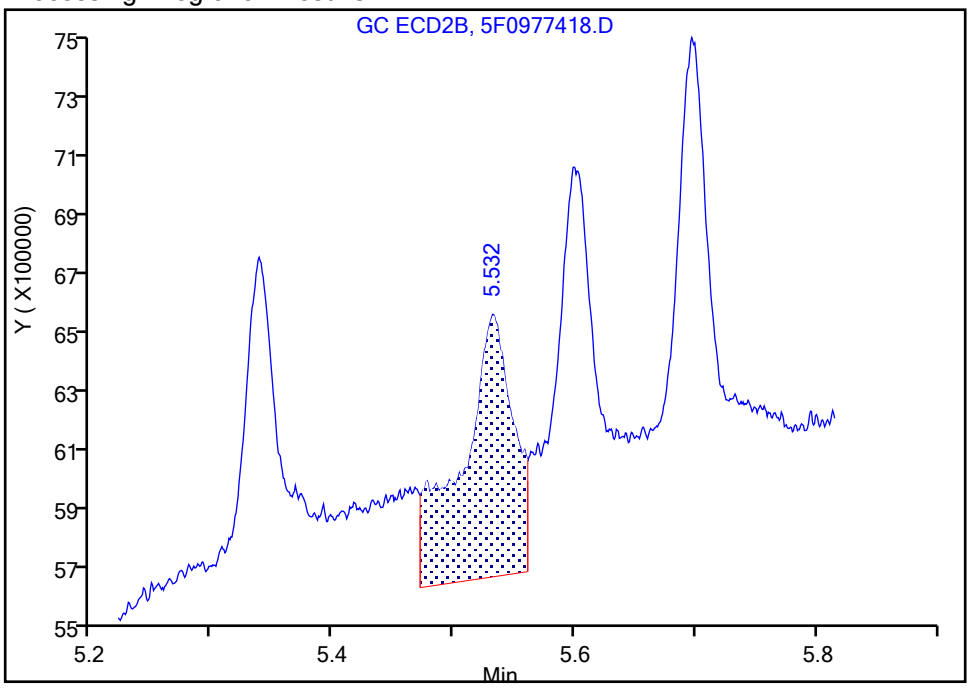
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

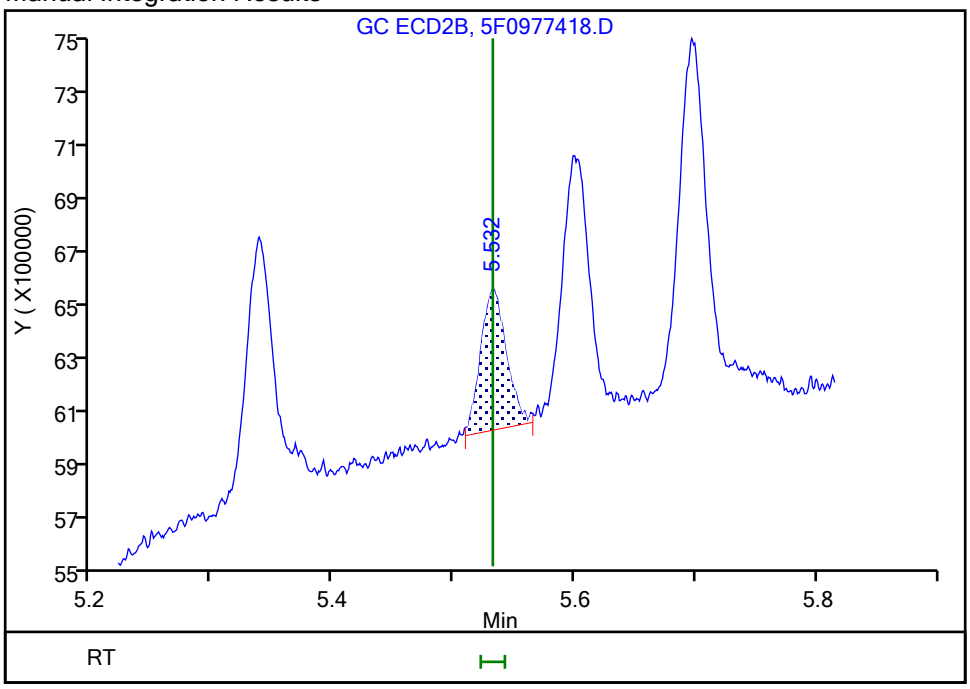
Processing Integration Results

RT: 5.53
Area: 2657786
Amount: 1.871199
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 785930
Amount: 2.485763
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

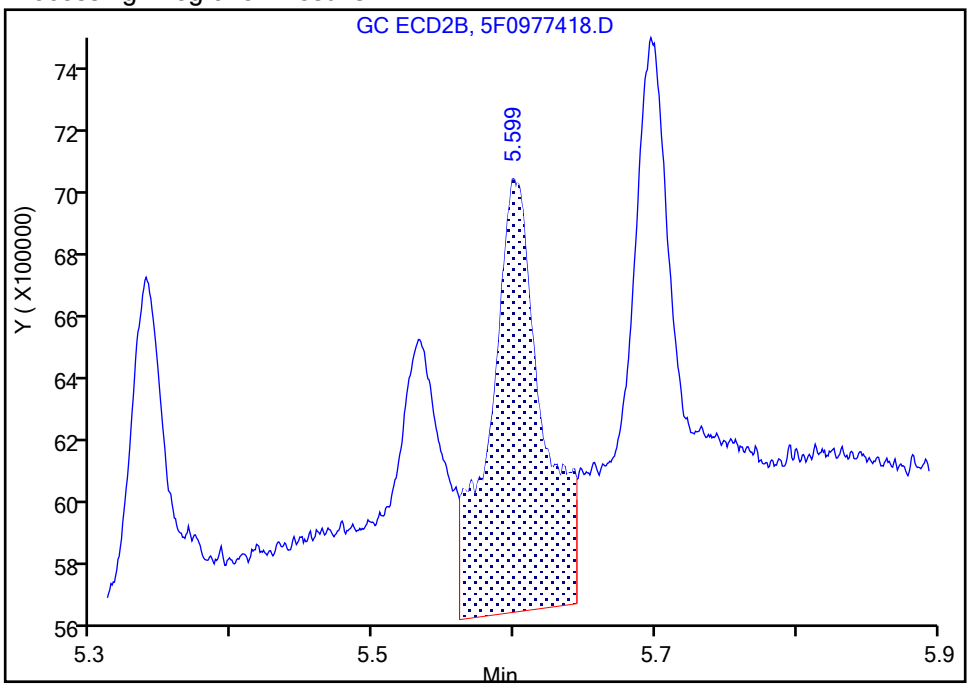
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

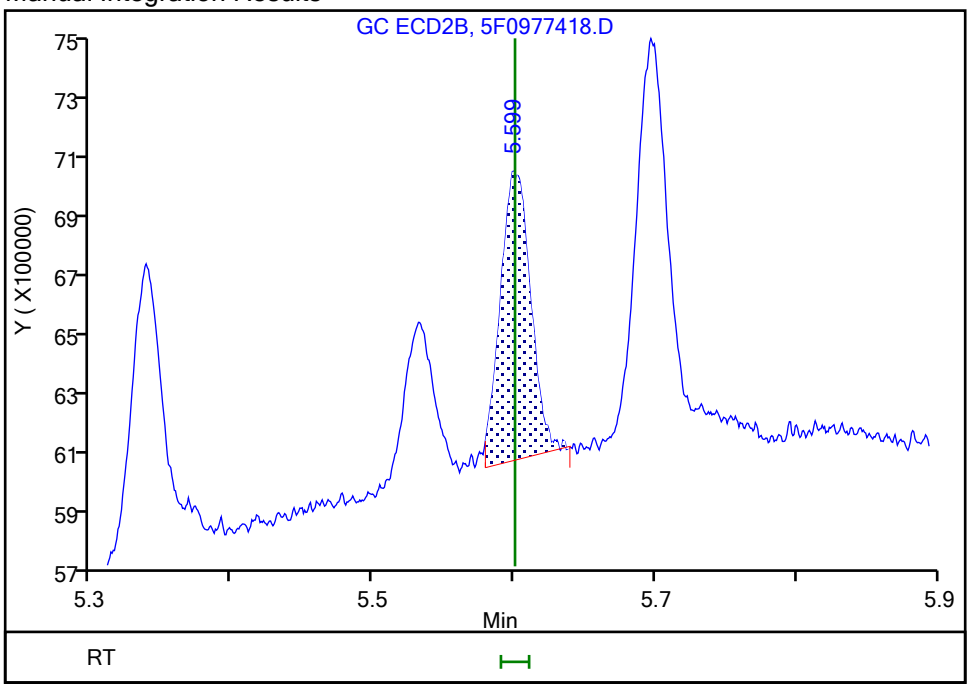
Processing Integration Results

RT: 5.60
Area: 3438725
Amount: 1.857213
Amount Units: ug/l




Manual Integration Results

RT: 5.60
Area: 1427984
Amount: 2.798702
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

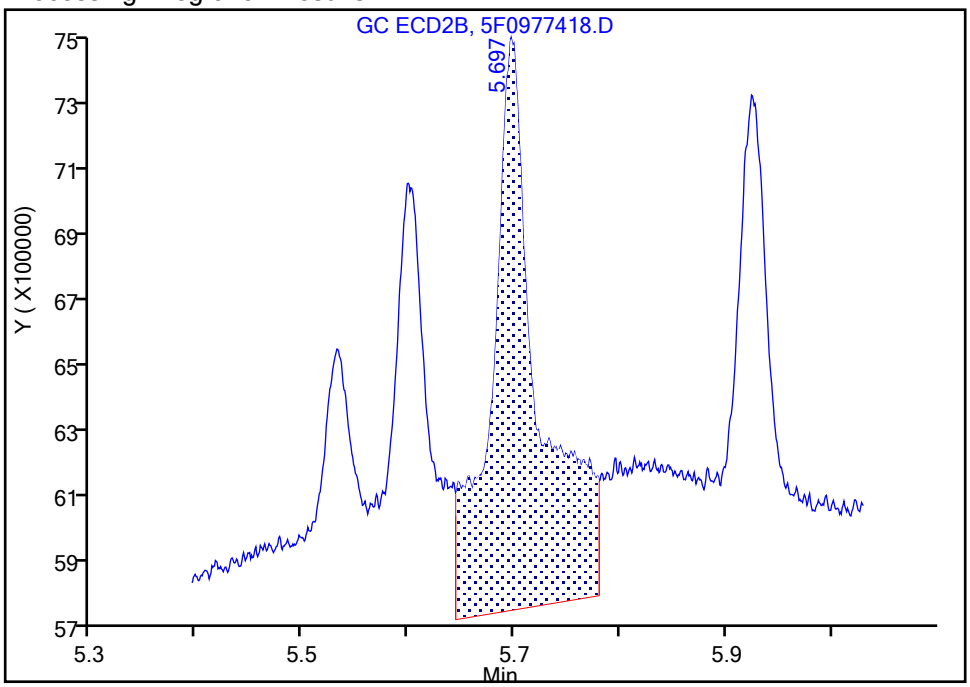
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

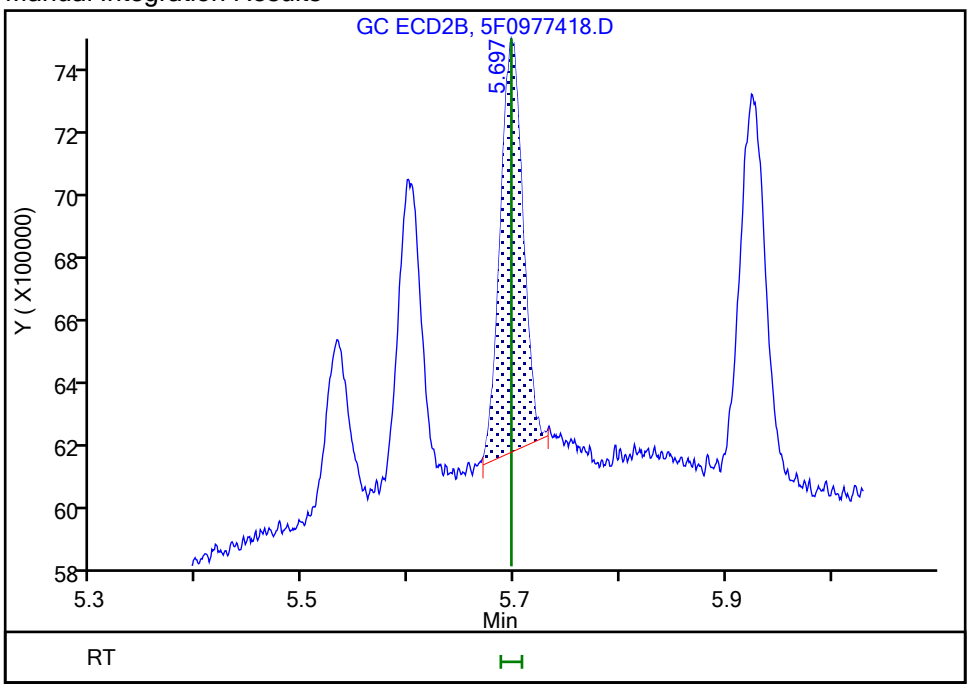
Processing Integration Results

RT: 5.70
Area: 5445524
Amount: 2.045725
Amount Units: ug/l




Manual Integration Results

RT: 5.70
Area: 1918668
Amount: 2.942922
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

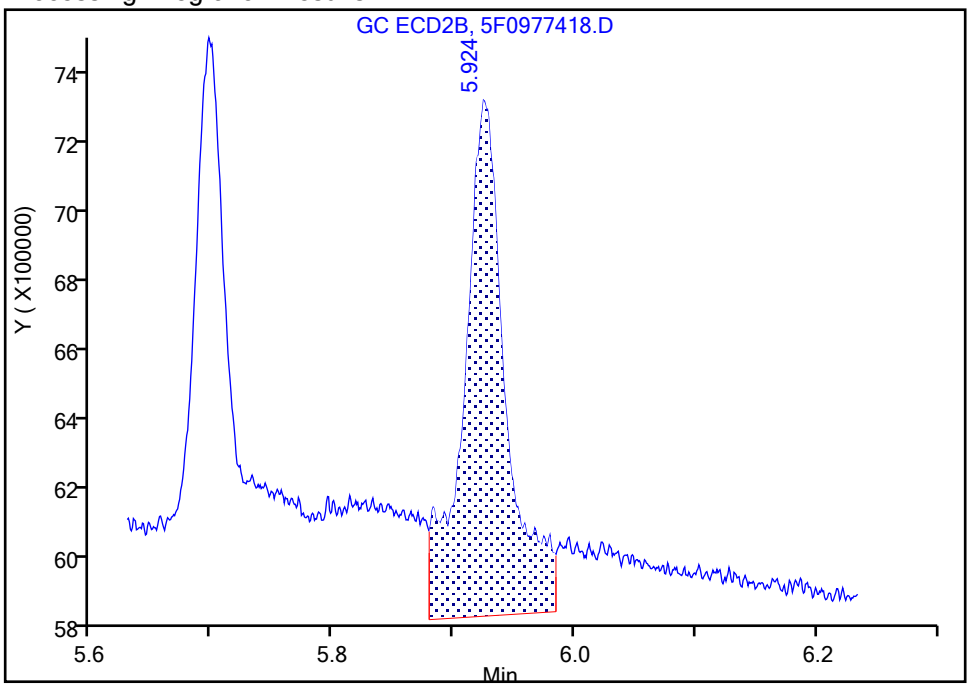
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 2

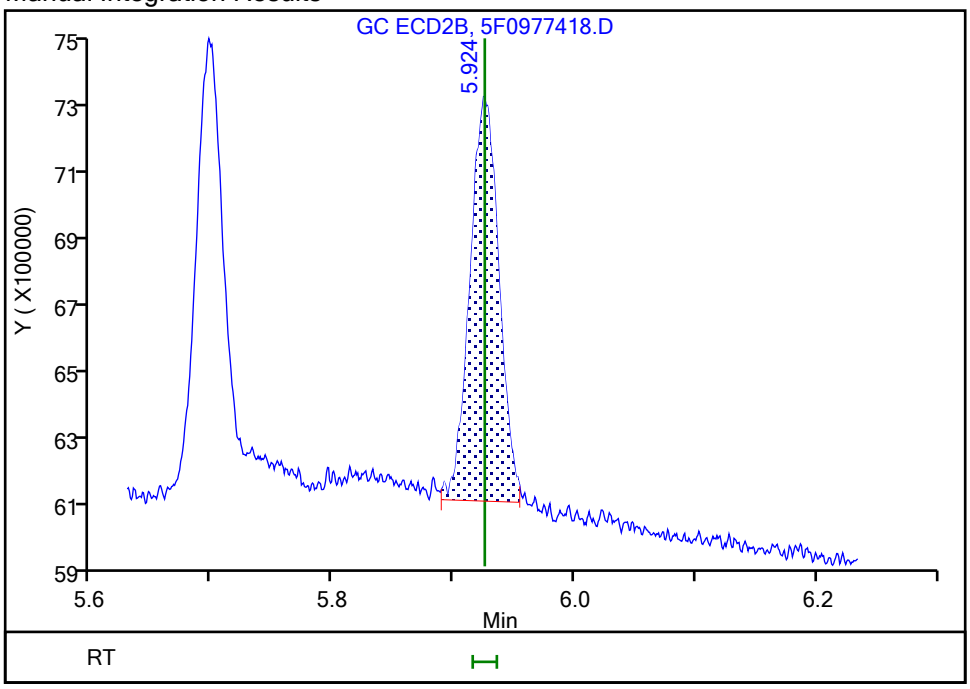
Processing Integration Results

RT: 5.92
Area: 3450213
Amount: 1.789264
Amount Units: ug/l




Manual Integration Results

RT: 5.92
Area: 1999460
Amount: 2.762903
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

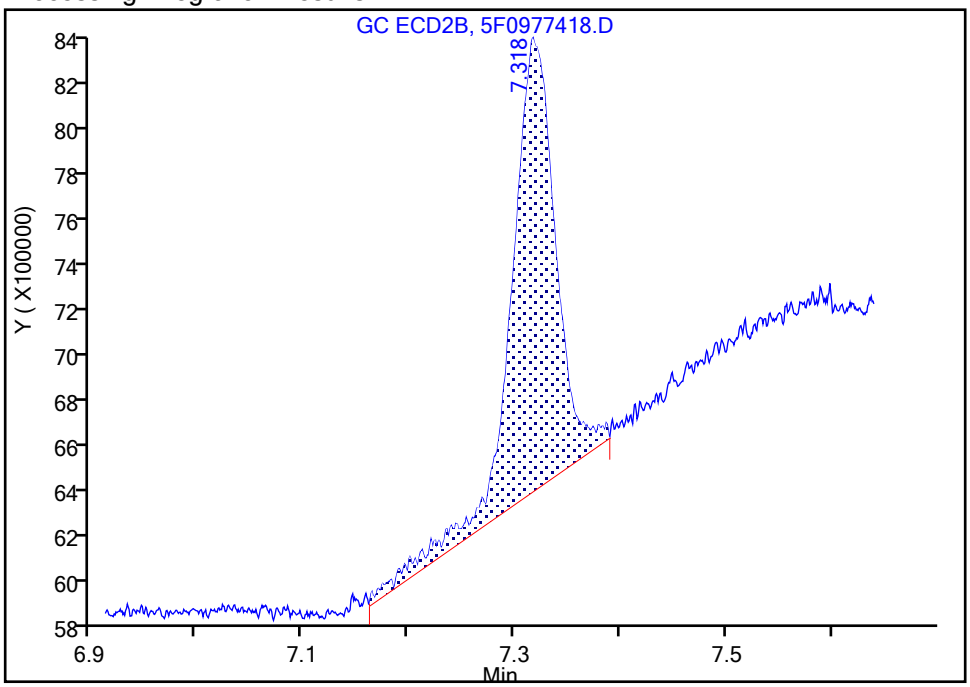
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977418.D
Injection Date: 21-Jan-2025 09:35:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## $ 24 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

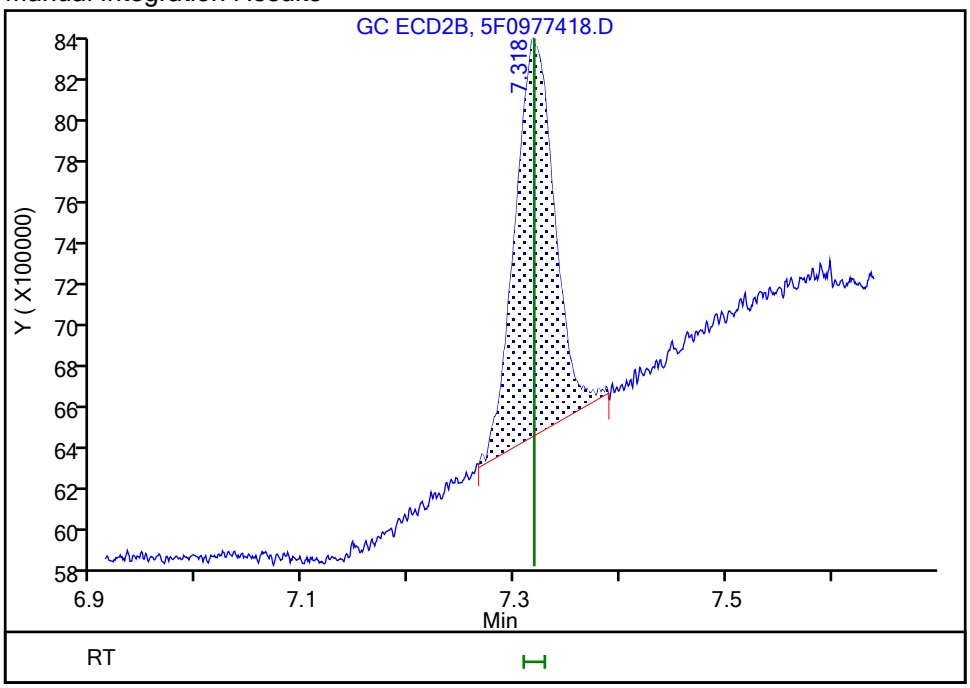
Processing Integration Results

RT: 7.32
Area: 5712899
Amount: 8.413156
Amount Units: ug/l




Manual Integration Results

RT: 7.32
Area: 4917453
Amount: 7.048569
Amount Units: ug/l




Reviewer: ESS0, 21-Jan-2025 09:51:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jan-2025 09:48:23 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:47:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 32379818 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54233399 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 16026507 | 50.0 | 46.3 | |
| 2 | 2.001 | 1.999 | 0.002 | 31084426 | 50.0 | 47.2 | |
| | | | | | | RPD = 2.04 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 26074803 | 50.0 | 47.6 | |
| 2 | 2.336 | 2.334 | 0.002 | 49067320 | 50.0 | 49.7 | |
| | | | | | | RPD = 4.41 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.738 | 2.738 | 0.000 | 24240123 | 50.0 | 47.9 | M |
| 2 | 2.552 | 2.551 | 0.001 | 45390020 | 50.0 | 49.8 | M |
| | | | | | | RPD = 4.04 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 10444082 | 50.0 | 48.2 | M |
| 2 | 2.606 | 2.604 | 0.002 | 20088036 | 50.0 | 50.2 | M |
| | | | | | | RPD = 4.10 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.092 | 0.001 | 23681347 | 50.0 | 45.8 | M |
| 2 | 2.745 | 2.744 | 0.001 | 44982978 | 50.0 | 48.9 | M |
| | | | | | | RPD = 6.70 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.167 | 0.001 | 23674875 | 50.0 | 46.4 | M |
| 2 | 2.926 | 2.925 | 0.001 | 47510334 | 50.0 | 49.4 | |
| | | | | | | RPD = 6.17 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 23570808 | 50.0 | 47.1 | |
| 2 | 3.195 | 3.194 | 0.001 | 47252837 | 50.0 | 49.6 | |
| | | | | | | RPD = 5.09 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 21005370 | 50.0 | 48.2 | |
| 2 | 3.814 | 3.814 | 0.000 | 42285542 | 50.0 | 49.1 | |
| | | | | | | RPD = 1.92 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 20824359 | 50.0 | 46.7 | |
| 2 | 3.946 | 3.945 | 0.001 | 42730167 | 50.0 | 48.7 | |
| | | | | | | RPD = 4.34 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 20609012 | 50.0 | 48.2 | M |
| 2 | 4.085 | 4.084 | 0.001 | 40351380 | 50.0 | 48.6 | |
| | | | | | | RPD = 0.84 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 19904625 | 50.0 | 48.4 | M |
| 2 | 4.232 | 4.231 | 0.001 | 39552973 | 50.0 | 51.1 | |
| | | | | | | RPD = 5.47 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.826 | 4.824 | 0.002 | 21290367 | 50.0 | 47.8 | |
| 2 | 4.167 | 4.165 | 0.002 | 40910188 | 50.0 | 50.4 | |
| | | | | | | RPD = 5.22 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.985 | 0.000 | 23655617 | 50.0 | 49.5 | |
| 2 | 4.505 | 4.504 | 0.001 | 43735296 | 50.0 | 49.9 | |
| | | | | | | RPD = 0.85 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 21229999 | 50.0 | 47.9 | M |
| 2 | 4.767 | 4.766 | 0.001 | 39046732 | 50.0 | 48.7 | M |
| | | | | | | RPD = 1.79 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.382 | 0.000 | 19866689 | 50.0 | 45.6 | M |
| 2 | 4.843 | 4.843 | 0.000 | 33764401 | 50.0 | 49.5 | M |
| | | | | | | RPD = 8.24 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 21298881 | 50.0 | 47.3 | M |
| 2 | 4.979 | 4.979 | 0.000 | 34754059 | 50.0 | 51.1 | M |
| | | | | | | RPD = 7.69 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.662 | 5.661 | 0.001 | 15400372 | 50.0 | 43.7 | M |
| 2 | 5.103 | 5.103 | 0.000 | 33274383 | 50.0 | 48.3 | M |
| | | | | | | RPD = 9.90 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.757 | 5.756 | 0.001 | 16371647 | 50.0 | 45.4 | M |
| 2 | 5.338 | 5.339 | -0.001 | 28310864 | 50.0 | 48.8 | M |
| | | | | | | RPD = 7.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | M |
| 1 | 6.020 | 6.020 | 0.000 | 21665234 | 50.0 | 46.8 | M |
| 2 | 5.698 | 5.697 | 0.001 | 36276910 | 50.0 | 48.6 | M |
| | | | | | | RPD = 3.84 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.463 | 6.463 | 0.000 | 7930437 | 50.0 | 46.7 | |
| 2 | 5.533 | 5.532 | 0.001 | 18456396 | 50.0 | 51.0 | M |
| | | | | | | RPD = 8.89 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 18155226 | 50.0 | 49.3 | |
| 2 | 5.601 | 5.600 | 0.001 | 29095145 | 50.0 | 49.8 | M |
| | | | | | | RPD = 1.05 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 25549721 | 50.0 | 48.5 | |
| 2 | 5.925 | 5.925 | 0.000 | 41526549 | 50.0 | 50.1 | M |
| | | | | | | RPD = 3.35 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 25079689 | 50.0 | 47.6 | |
| 2 | 7.319 | 7.319 | 0.000 | 40456527 | 50.0 | 50.7 | |
| | | | | | | RPD = 6.23 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPESTL2_00047 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:45 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D

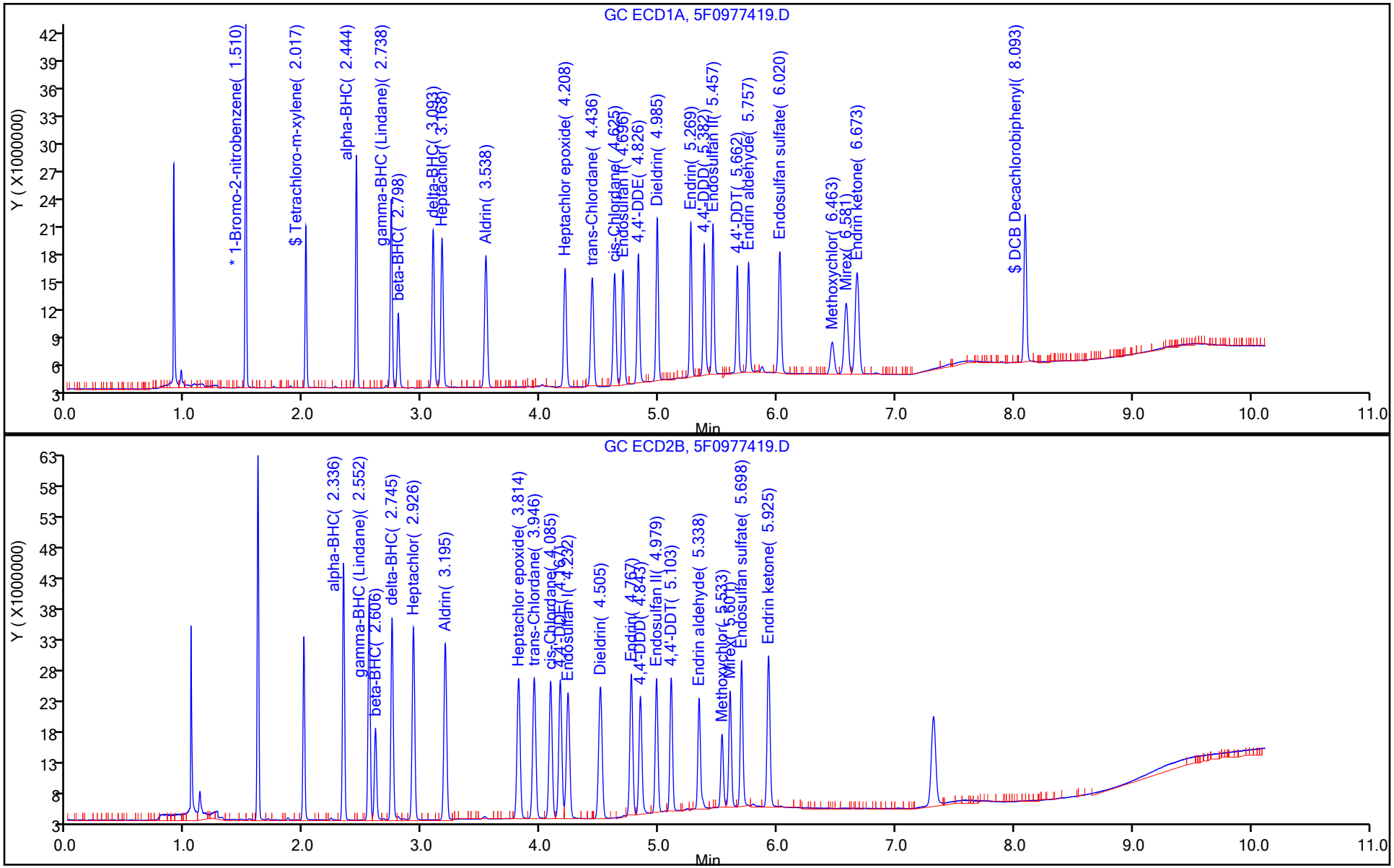
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

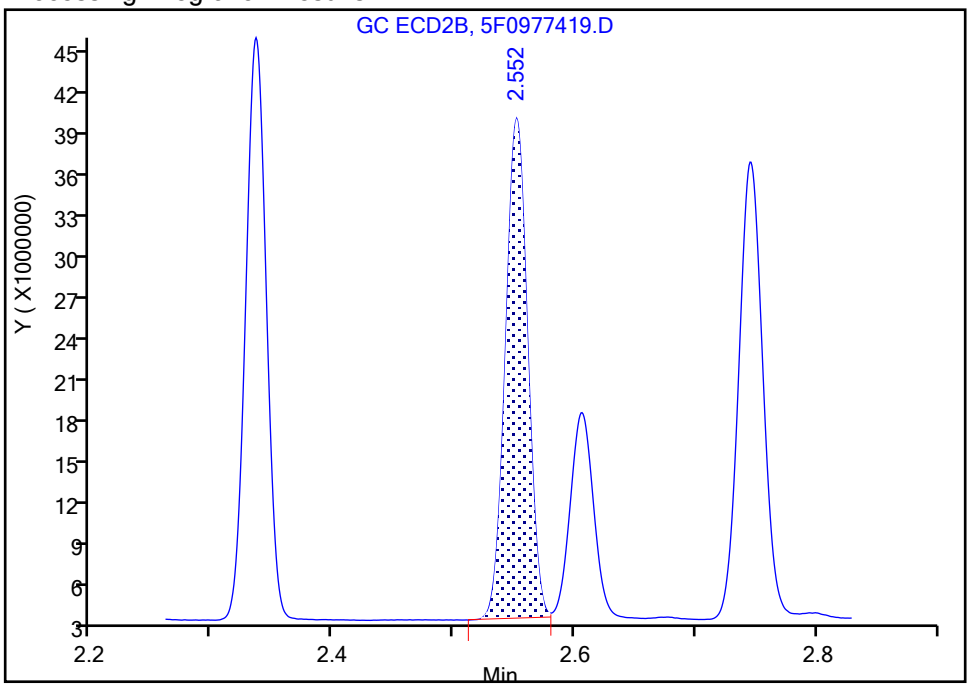
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

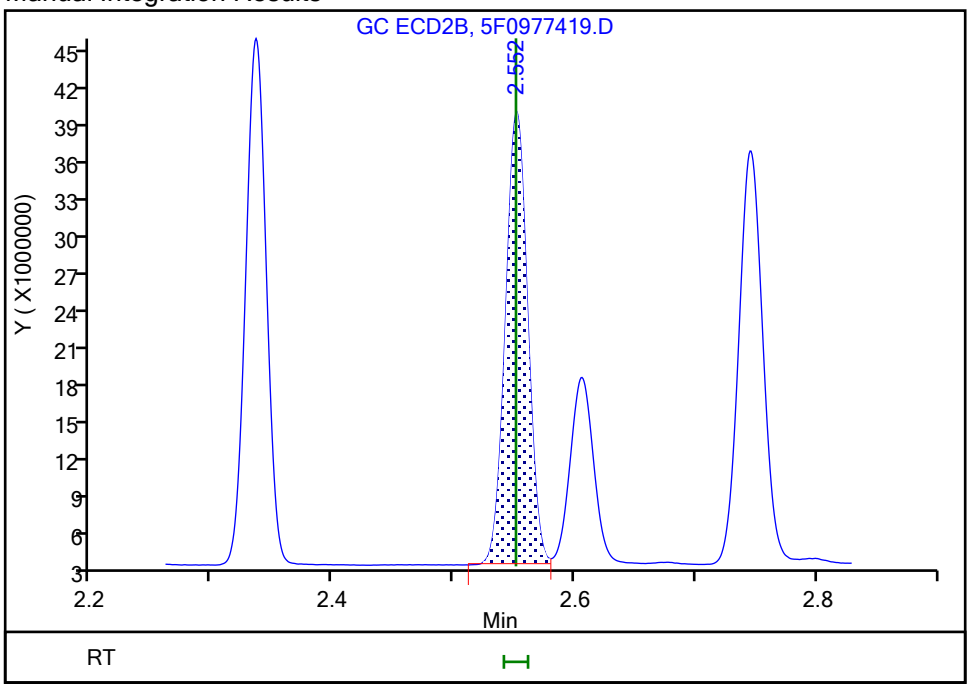
Processing Integration Results

RT: 2.55
Area: 44864654
Amount: 49.539893
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 45390020
Amount: 49.831018
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

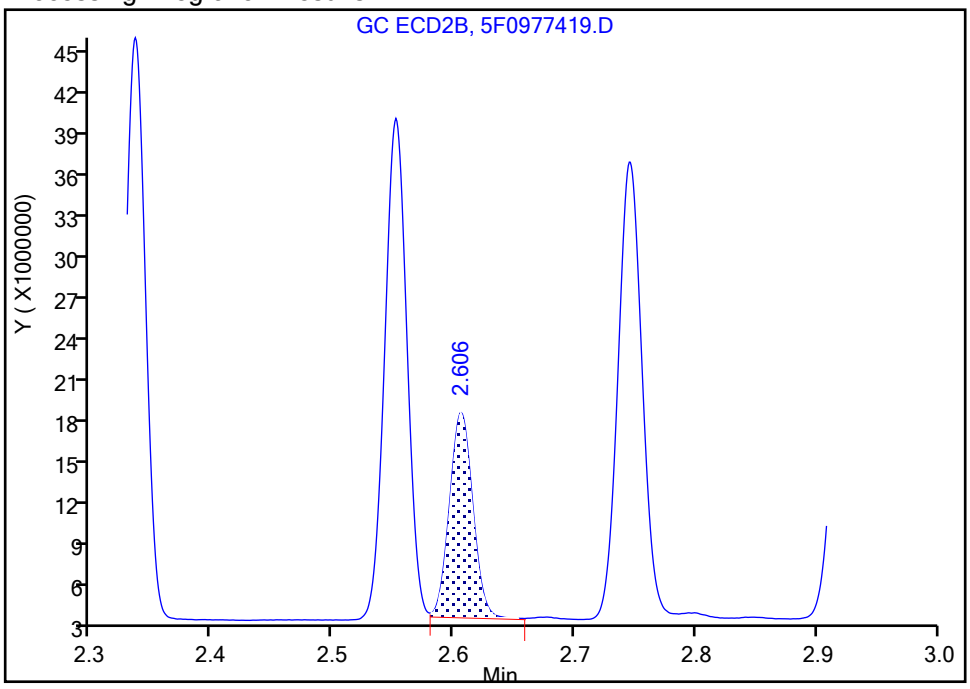
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

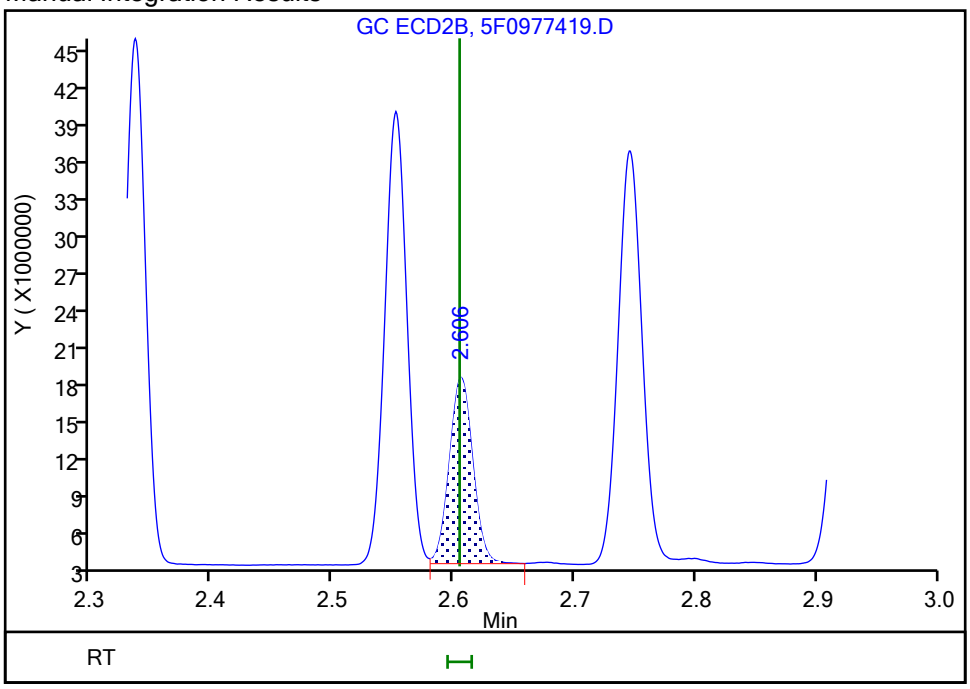
Processing Integration Results

RT: 2.61
Area: 19282162
Amount: 49.032932
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 20088036
Amount: 50.180270
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

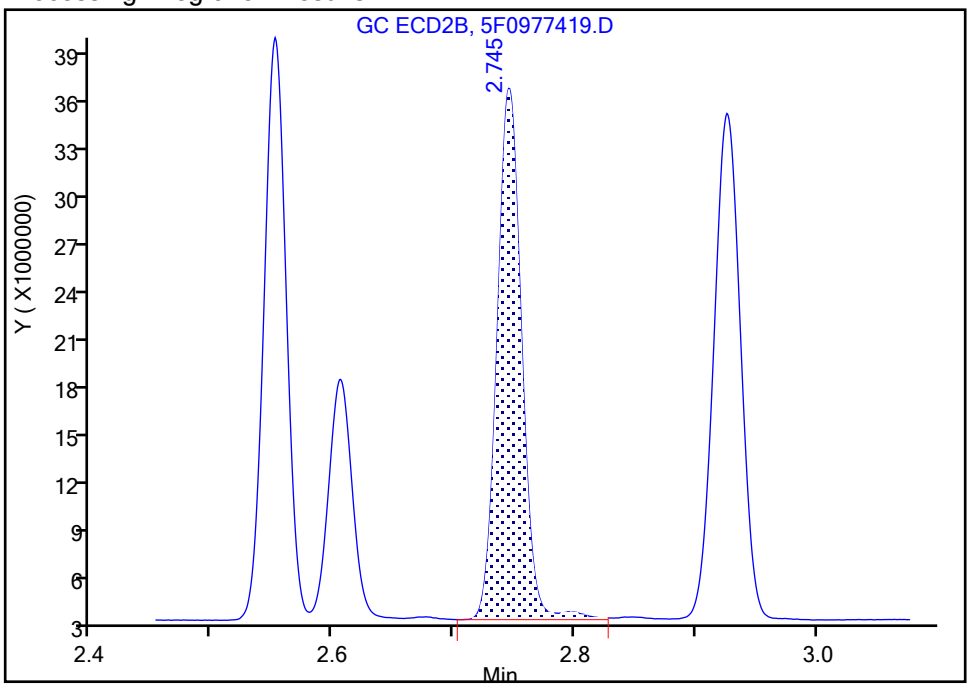
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8

Signal: 2

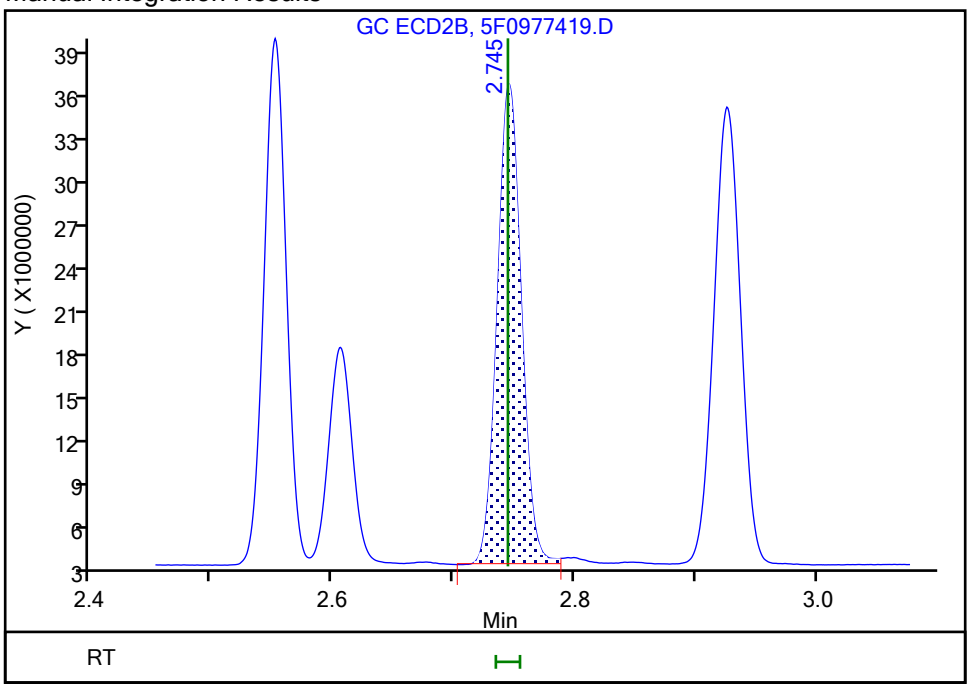
Processing Integration Results

RT: 2.75
Area: 45690914
Amount: 49.621671
Amount Units: ug/l




Manual Integration Results

RT: 2.75
Area: 44982978
Amount: 48.942381
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:42 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

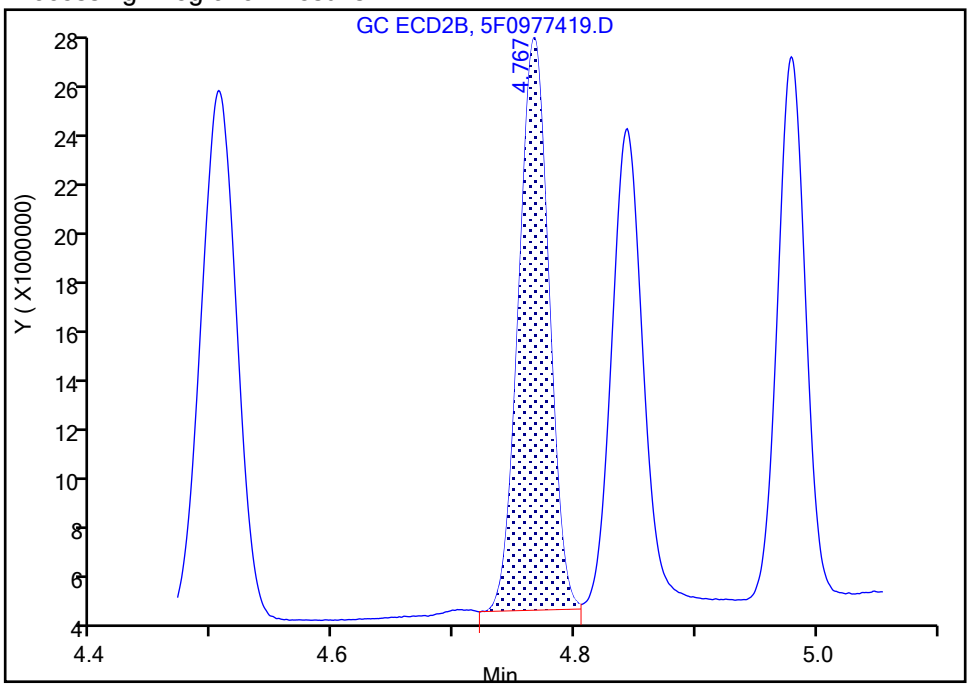
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8

Signal: 2

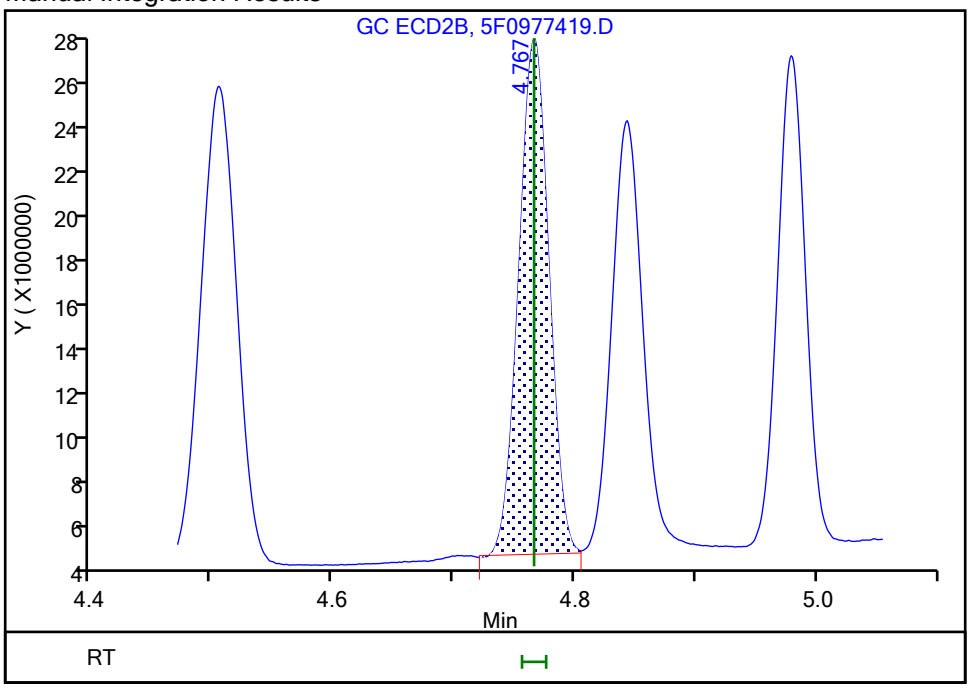
Processing Integration Results

RT: 4.77
Area: 39427095
Amount: 49.187774
Amount Units: ug/l




Manual Integration Results

RT: 4.77
Area: 39046732
Amount: 48.743801
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

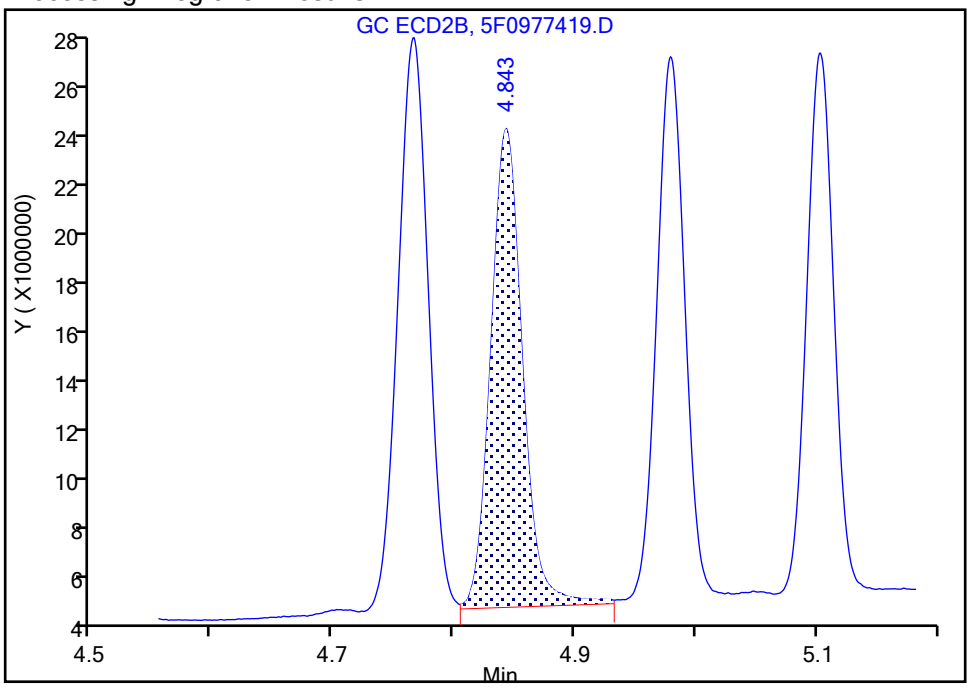
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 2

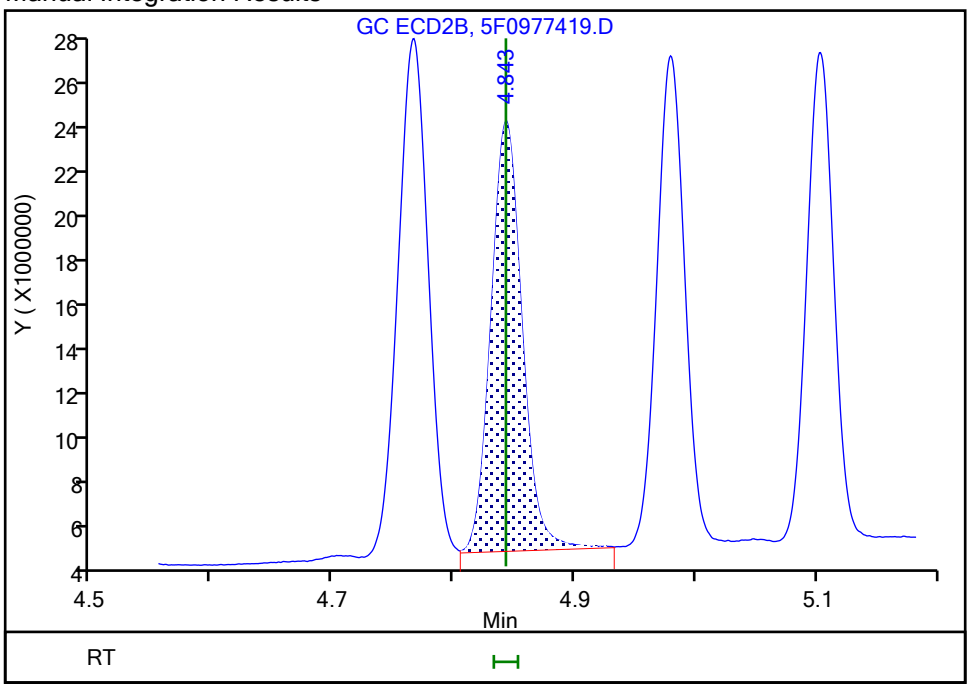
Processing Integration Results

RT: 4.84
Area: 34565826
Amount: 50.520702
Amount Units: ug/l




Manual Integration Results

RT: 4.84
Area: 33764401
Amount: 49.524206
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

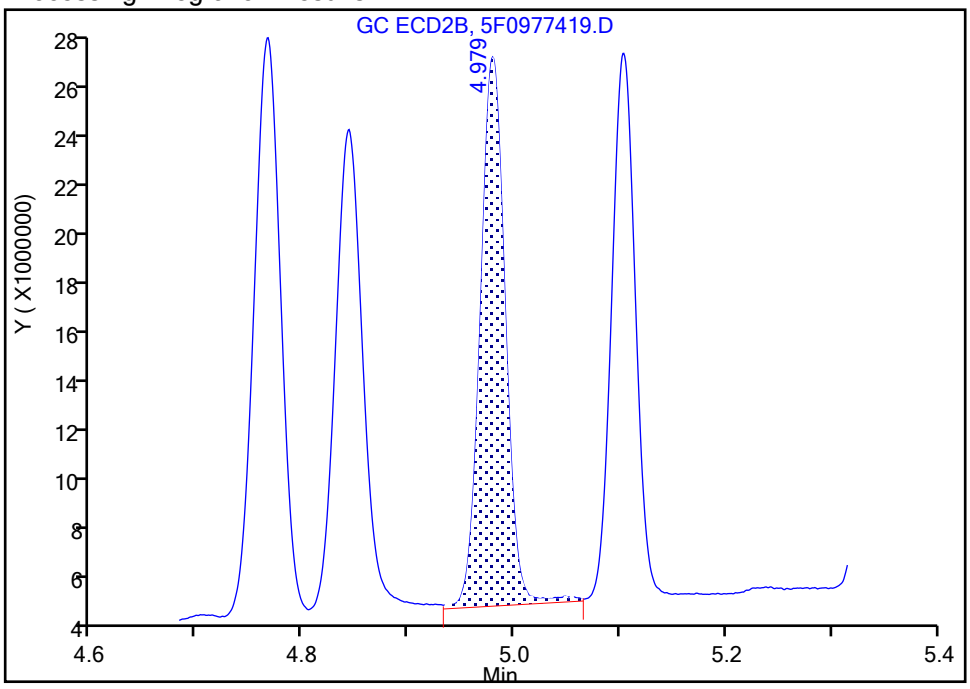
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 2

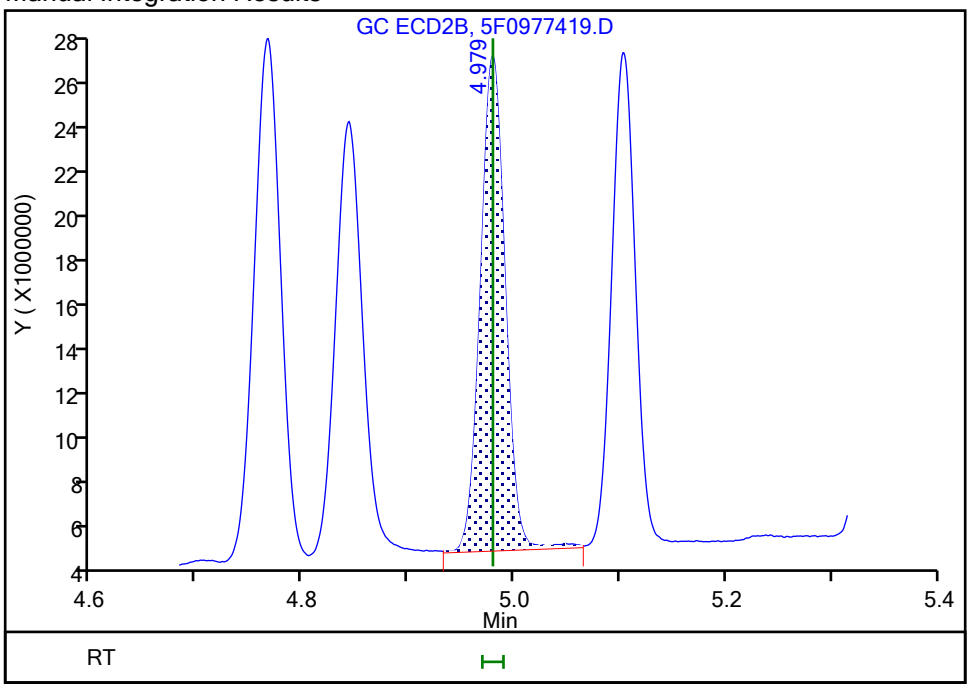
Processing Integration Results

RT: 4.98
Area: 35672172
Amount: 52.262613
Amount Units: ug/l




Manual Integration Results

RT: 4.98
Area: 34754059
Amount: 51.117833
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

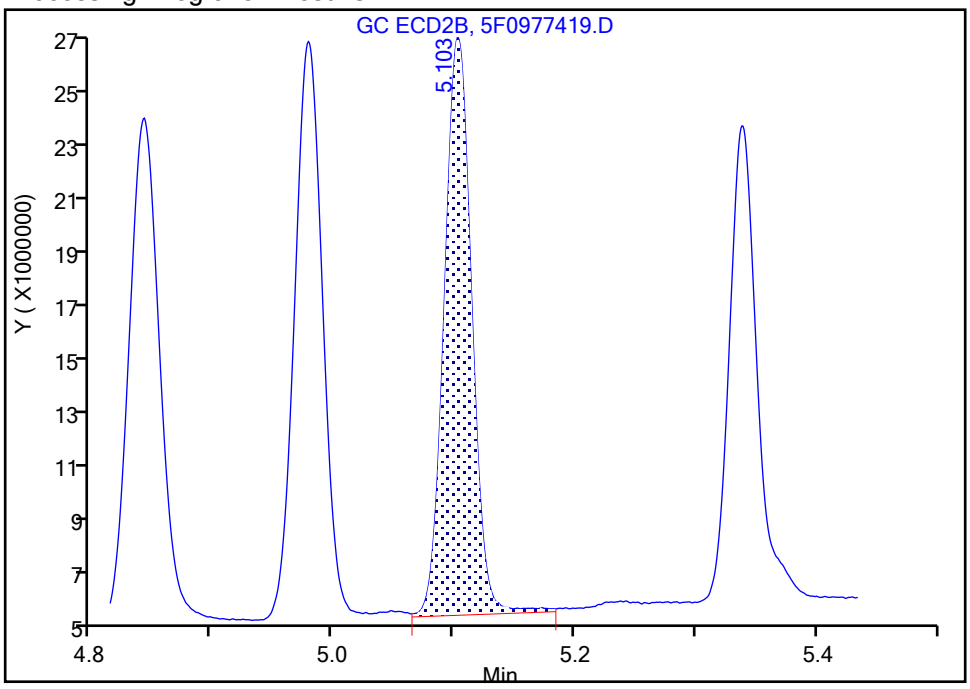
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 2

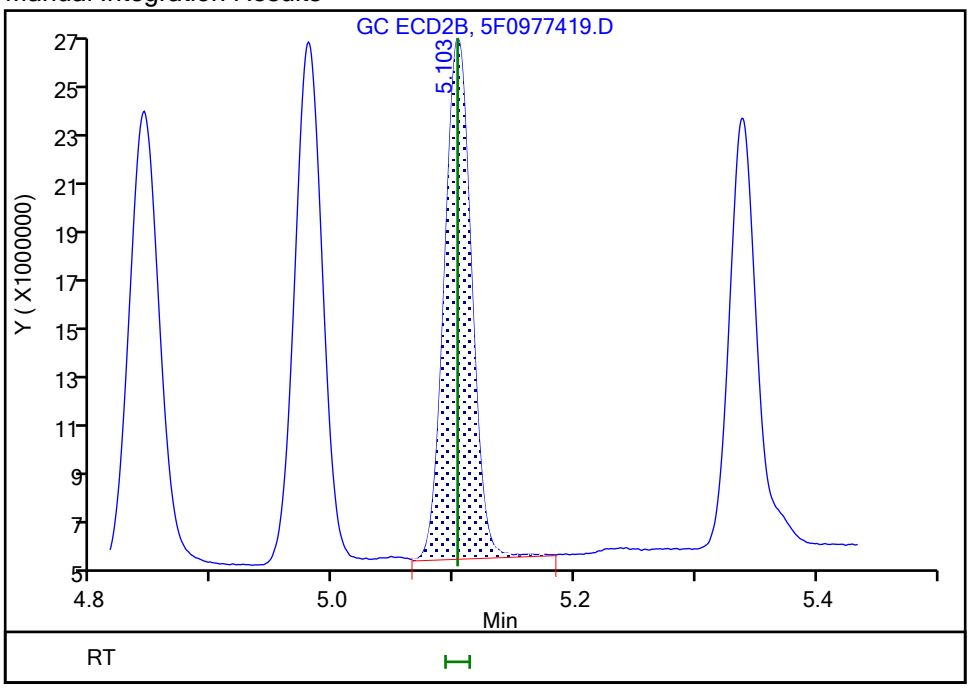
Processing Integration Results

RT: 5.10
Area: 33991074
Amount: 49.157790
Amount Units: ug/l




Manual Integration Results

RT: 5.10
Area: 33274383
Amount: 48.262948
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

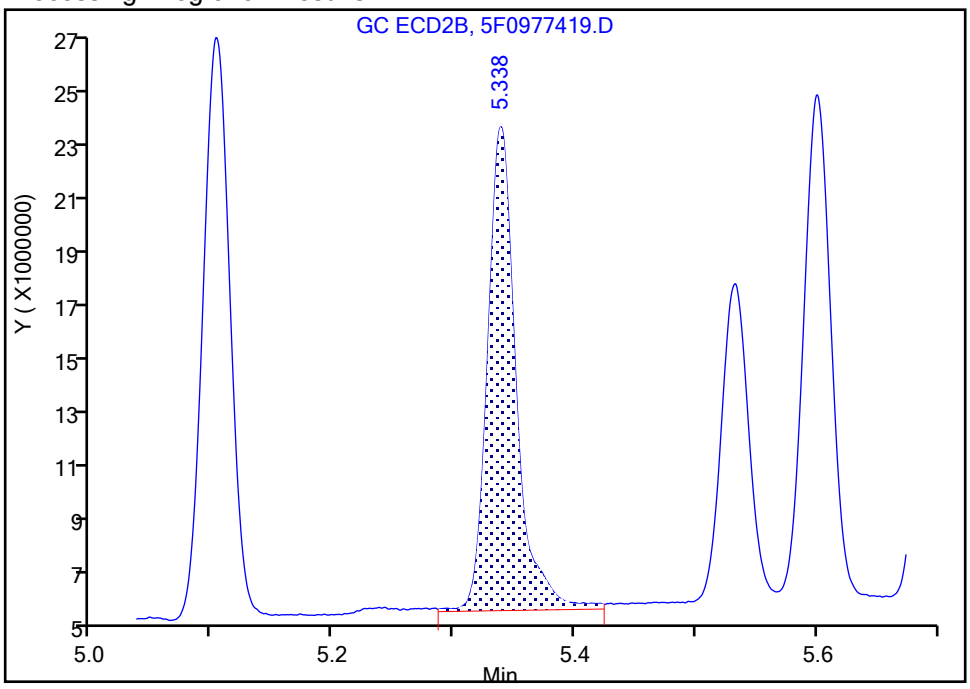
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

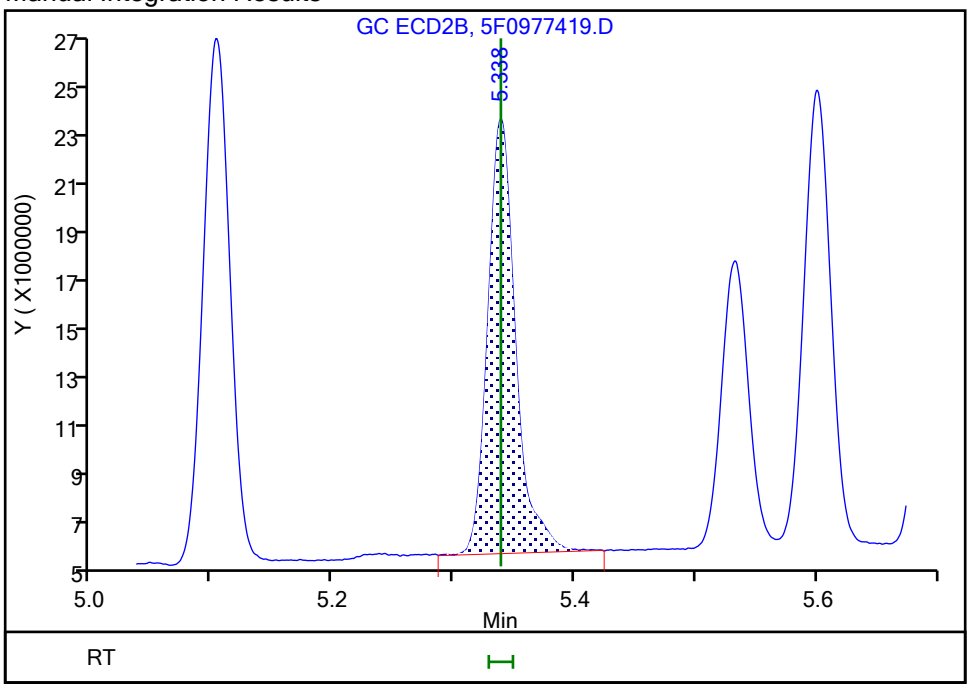
Processing Integration Results

RT: 5.34
Area: 29386791
Amount: 50.311821
Amount Units: ug/l




Manual Integration Results

RT: 5.34
Area: 28310864
Amount: 48.757430
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:53 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

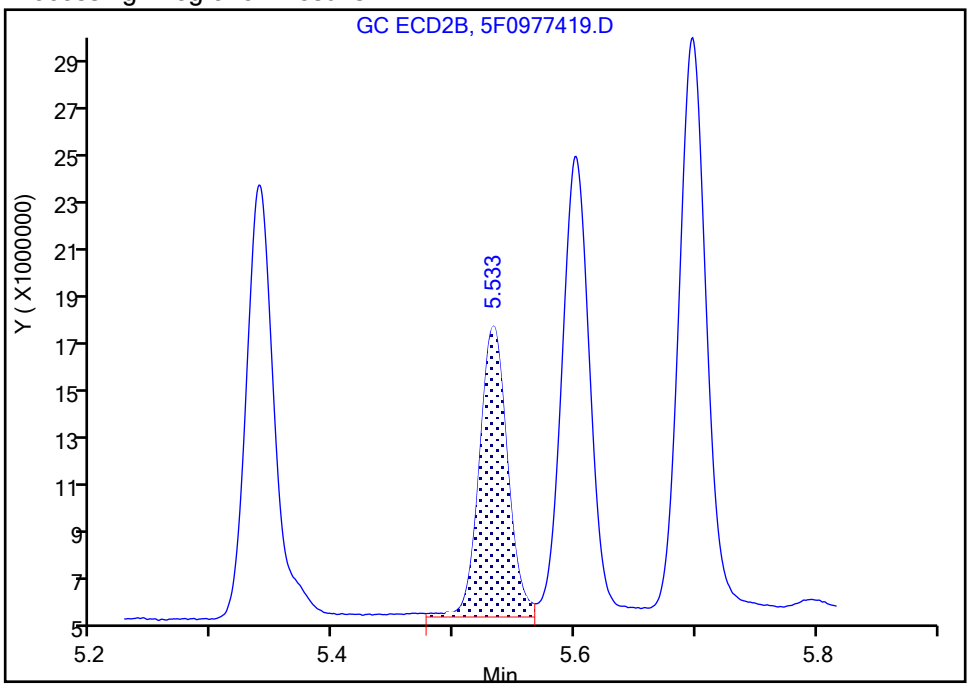
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

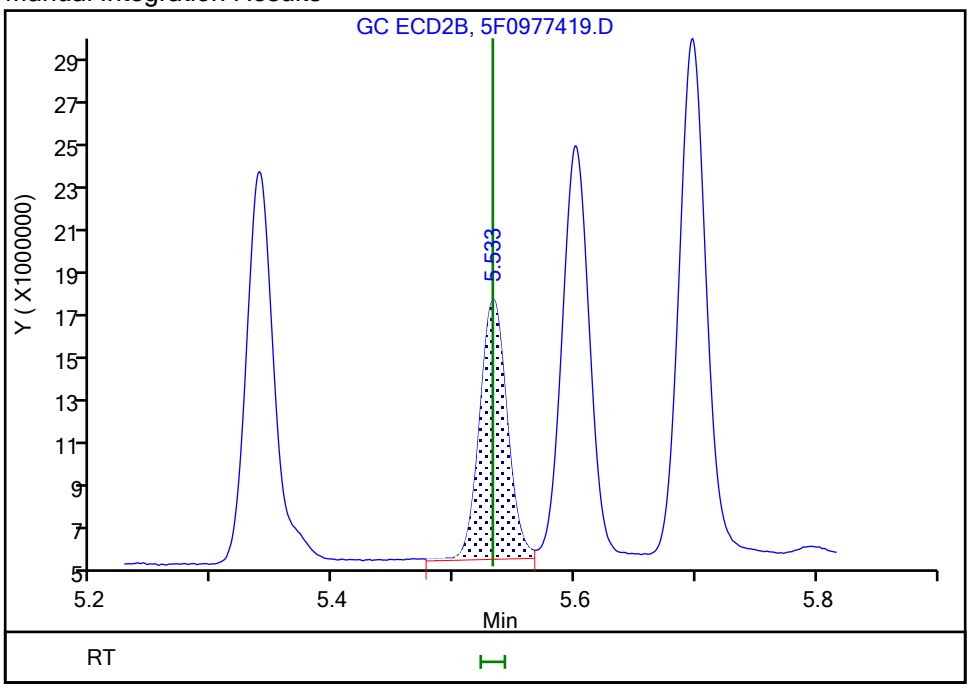
Processing Integration Results

RT: 5.53
Area: 19199169
Amount: 52.799788
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 18456396
Amount: 50.992126
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

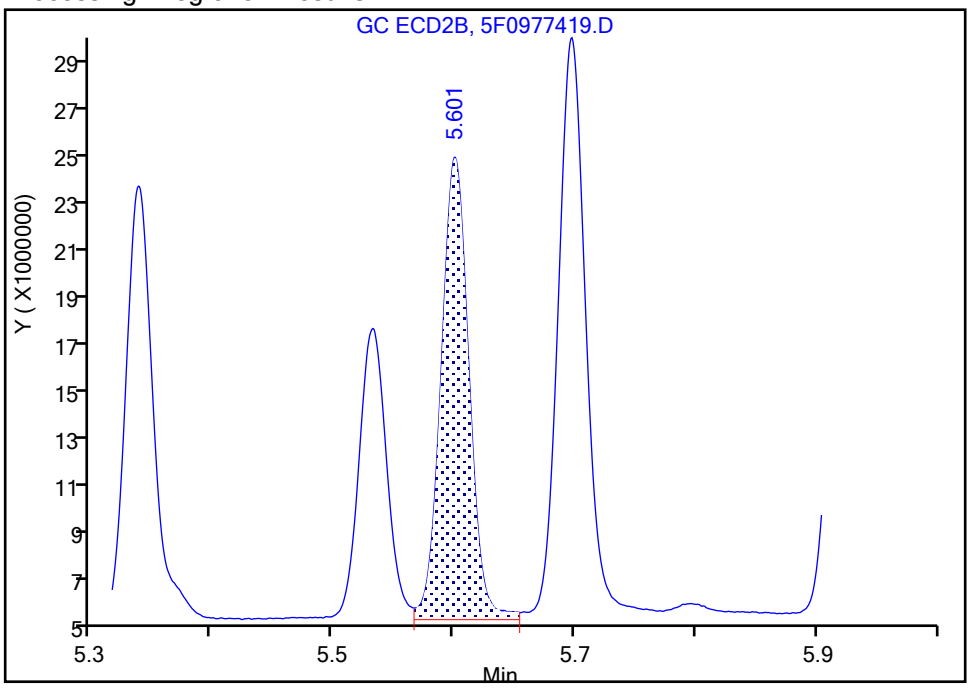
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

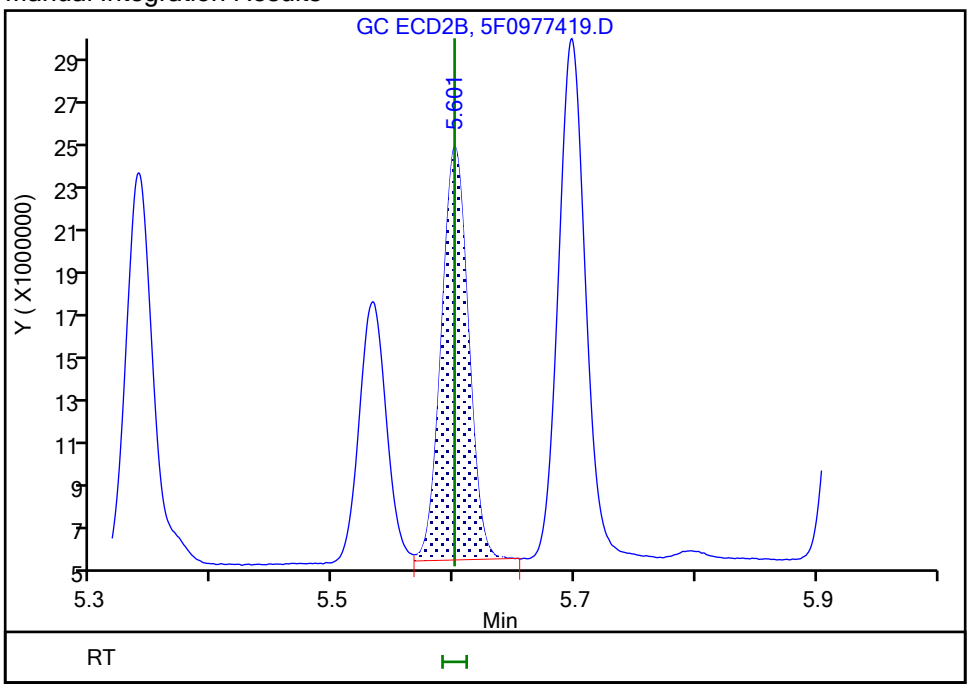
Processing Integration Results

RT: 5.60
Area: 30181207
Amount: 51.453916
Amount Units: ug/l




Manual Integration Results

RT: 5.60
Area: 29095145
Amount: 49.812032
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

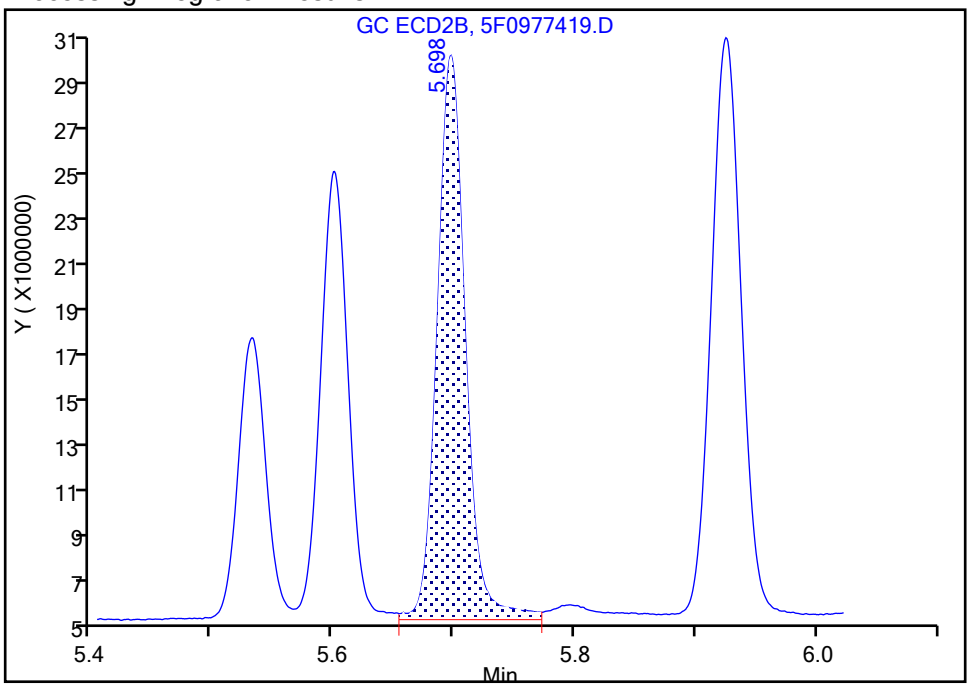
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

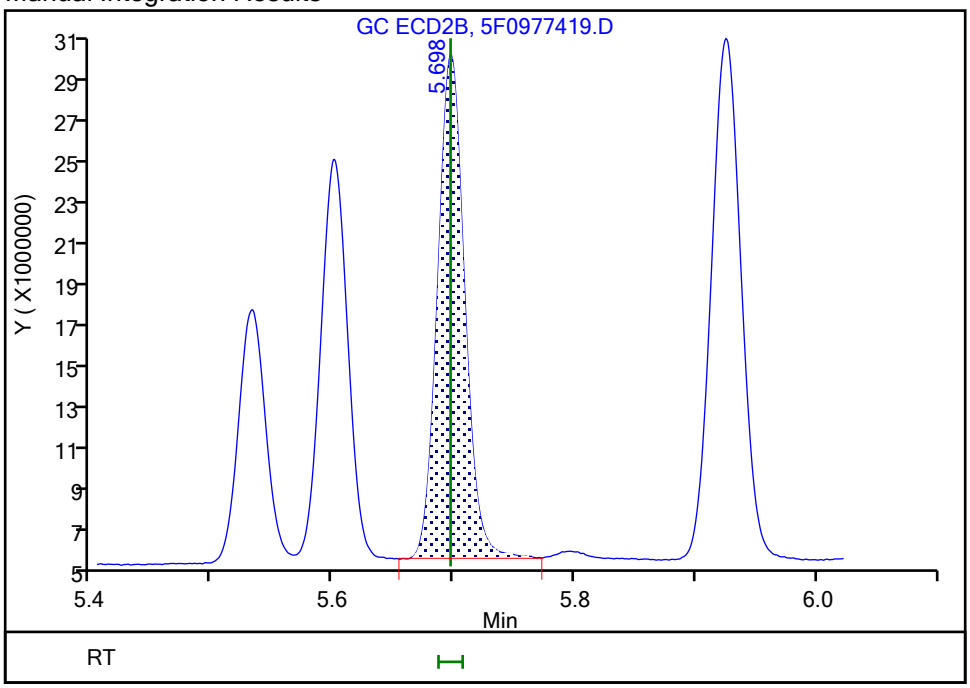
Processing Integration Results

RT: 5.70
Area: 38162695
Amount: 50.695036
Amount Units: ug/l




Manual Integration Results

RT: 5.70
Area: 36276910
Amount: 48.605956
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:46:59 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

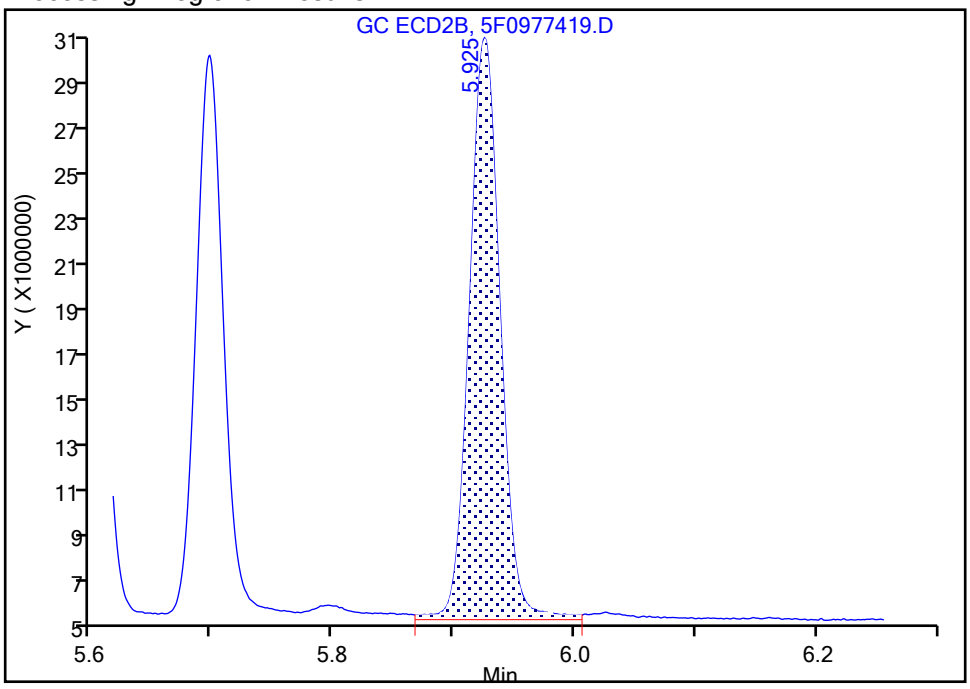
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977419.D
Injection Date: 21-Jan-2025 09:48:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 2

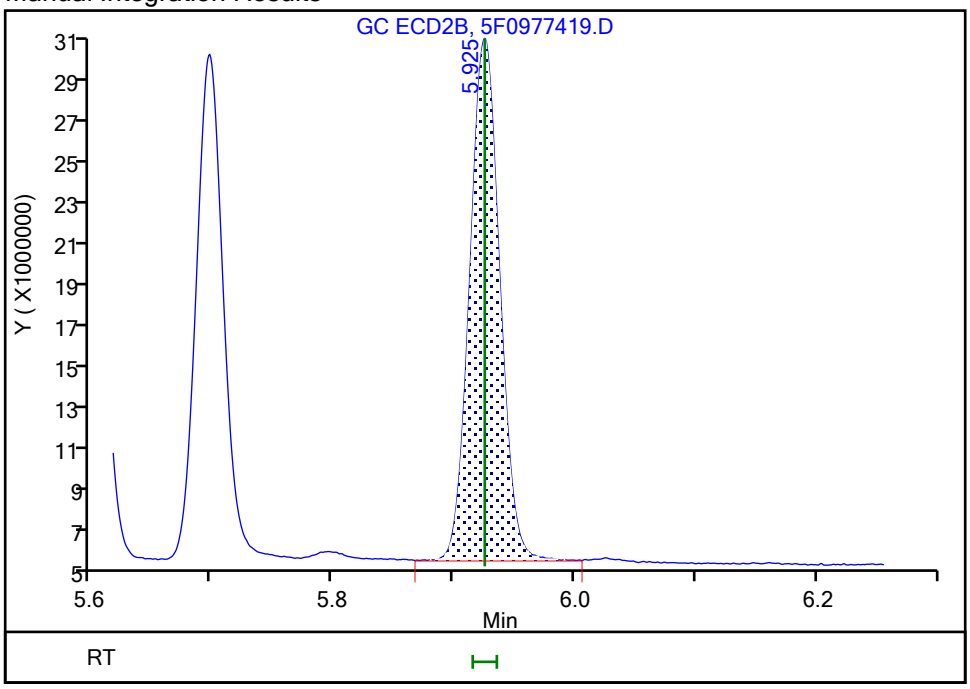
Processing Integration Results

RT: 5.93
Area: 42847236
Amount: 51.462802
Amount Units: ug/l




Manual Integration Results

RT: 5.93
Area: 41526549
Amount: 50.125552
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:01 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 10:01:21 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-006
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:50 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:47:37

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 32727461 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54337741 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 53090052 | 150.0 | 151.7 | |
| 2 | 2.001 | 1.999 | 0.002 | 96507486 | 150.0 | 146.4 | |
| | | | | | | RPD = 3.56 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 143204324 | 250.0 | 258.5 | |
| 2 | 2.337 | 2.334 | 0.003 | 242714992 | 250.0 | 245.5 | |
| | | | | | | RPD = 5.17 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 131888517 | 250.0 | 257.6 | M |
| 2 | 2.552 | 2.551 | 0.001 | 221859137 | 250.0 | 243.1 | M |
| | | | | | | RPD = 5.80 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.798 | 2.798 | 0.000 | 52808915 | 250.0 | 240.9 | M |
| 2 | 2.606 | 2.604 | 0.002 | 92759624 | 250.0 | 231.3 | M |
| | | | | | | RPD = 4.10 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.092 | 0.001 | 132087052 | 250.0 | 252.6 | M |
| 2 | 2.746 | 2.744 | 0.002 | 222769413 | 250.0 | 241.9 | |
| | | | | | | RPD = 4.31 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.167 | 0.001 | 126417440 | 250.0 | 245.3 | M |
| 2 | 2.927 | 2.925 | 0.002 | 227504054 | 250.0 | 236.0 | |
| | | | | | | RPD = 3.85 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.538 | 0.001 | 128102929 | 250.0 | 253.2 | |
| 2 | 3.196 | 3.194 | 0.002 | 230547494 | 250.0 | 241.3 | |
| | | | | | | RPD = 4.82 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 107752530 | 250.0 | 244.4 | |
| 2 | 3.815 | 3.814 | 0.001 | 198187633 | 250.0 | 229.7 | |
| | | | | | | RPD = 6.23 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 111682551 | 250.0 | 247.5 | |
| 2 | 3.947 | 3.945 | 0.002 | 205885193 | 250.0 | 234.3 | |
| | | | | | | RPD = 5.50 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 106950375 | 250.0 | 247.4 | M |
| 2 | 4.085 | 4.084 | 0.001 | 195635729 | 250.0 | 235.1 | |
| | | | | | | RPD = 5.08 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.696 | 0.000 | 104773418 | 250.0 | 252.0 | M |
| 2 | 4.233 | 4.231 | 0.002 | 189516936 | 250.0 | 244.4 | |
| | | | | | | RPD = 3.06 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.825 | 4.824 | 0.001 | 115733016 | 250.0 | 257.0 | |
| 2 | 4.166 | 4.165 | 0.001 | 204150064 | 250.0 | 250.8 | |
| | | | | | | RPD = 2.46 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.985 | 0.000 | 124765008 | 250.0 | 258.4 | |
| 2 | 4.505 | 4.504 | 0.001 | 213193897 | 250.0 | 243.0 | |
| | | | | | | RPD = 6.15 | |
| 20 Endrin | | | | | | | |
| 1 | 5.269 | 5.269 | 0.000 | 111487795 | 250.0 | 248.8 | |
| 2 | 4.767 | 4.766 | 0.001 | 192260716 | 250.0 | 239.5 | |
| | | | | | | RPD = 3.77 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.382 | -0.001 | 105689405 | 250.0 | 240.0 | M |
| 2 | 4.843 | 4.843 | 0.000 | 167964891 | 250.0 | 245.9 | |
| | | | | | | RPD = 2.41 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.456 | 0.000 | 108003435 | 250.0 | 237.5 | M |
| 2 | 4.979 | 4.979 | 0.000 | 165575950 | 250.0 | 243.1 | |
| | | | | | | RPD = 2.34 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.661 | 0.000 | 92711012 | 250.0 | 260.3 | M |
| 2 | 5.103 | 5.103 | 0.000 | 169750918 | 250.0 | 245.7 | |
| | | | | | | RPD = 5.77 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.756 | 0.000 | 81524577 | 250.0 | 223.5 | |
| 2 | 5.338 | 5.339 | -0.001 | 130537897 | 250.0 | 224.4 | |
| | | | | | | RPD = 0.41 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 109504079 | 250.0 | 233.9 | |
| 2 | 5.698 | 5.697 | 0.001 | 167494310 | 250.0 | 224.0 | |
| | | | | | | RPD = 4.33 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.464 | 6.463 | 0.001 | 45208215 | 250.0 | 263.1 | |
| 2 | 5.533 | 5.532 | 0.001 | 85701943 | 250.0 | 236.3 | |
| | | | | | | RPD = 10.73 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.582 | 6.580 | 0.002 | 87040666 | 250.0 | 233.8 | M |
| 2 | 5.601 | 5.600 | 0.001 | 133287422 | 250.0 | 227.8 | |
| | | | | | | RPD = 2.62 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 126503913 | 250.0 | 237.4 | M |
| 2 | 5.925 | 5.925 | 0.000 | 190268620 | 250.0 | 229.2 | |
| | | | | | | RPD = 3.52 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.093 | 8.093 | 0.000 | 76975251 | 150.0 | 144.5 | |
| 2 | 7.318 | 7.319 | -0.001 | 110908424 | 150.0 | 138.6 | |
| | | | | | | RPD = 4.18 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

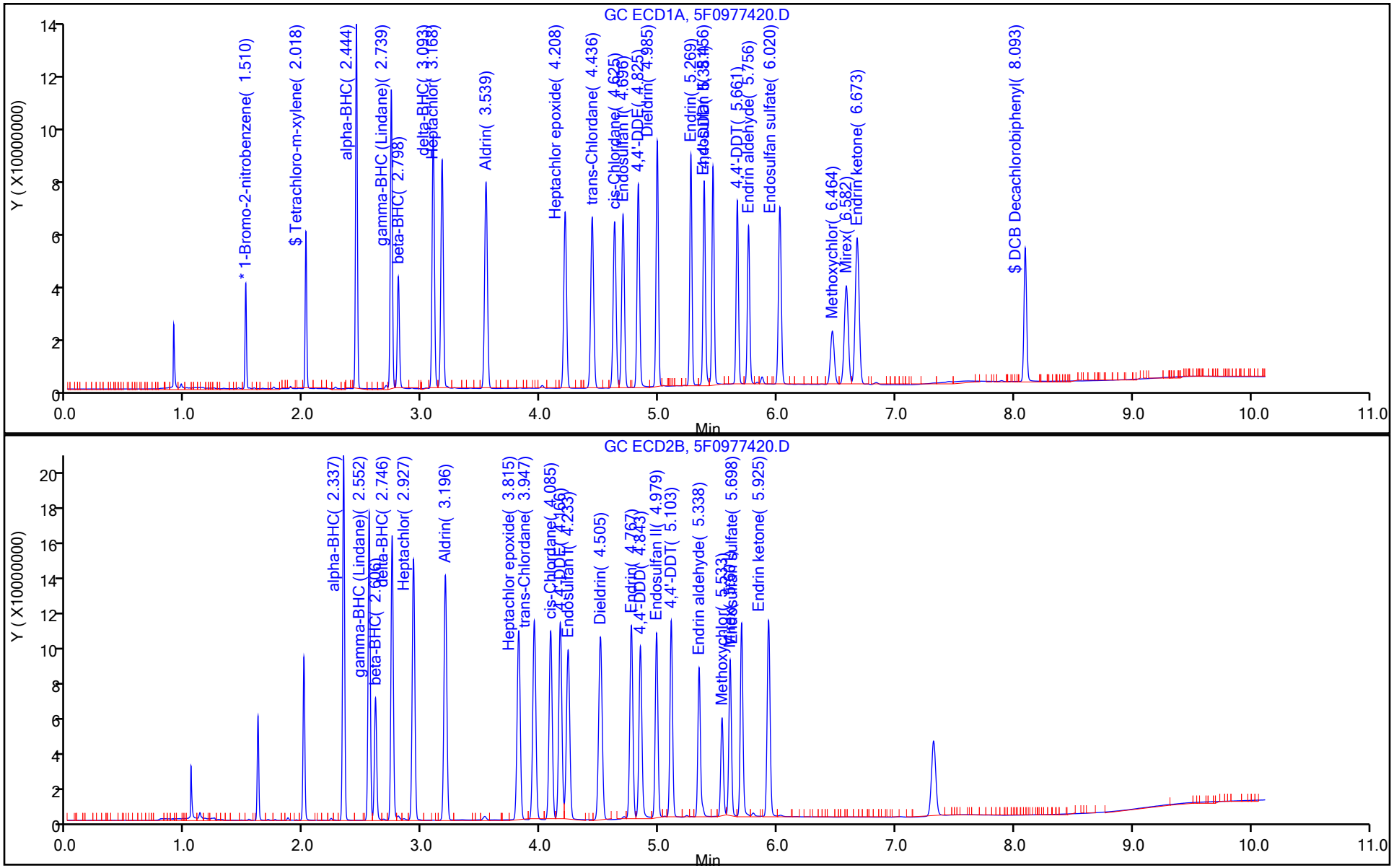
| | | | |
|---|---|---|---|
| SGPESTL4_00042 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:01:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

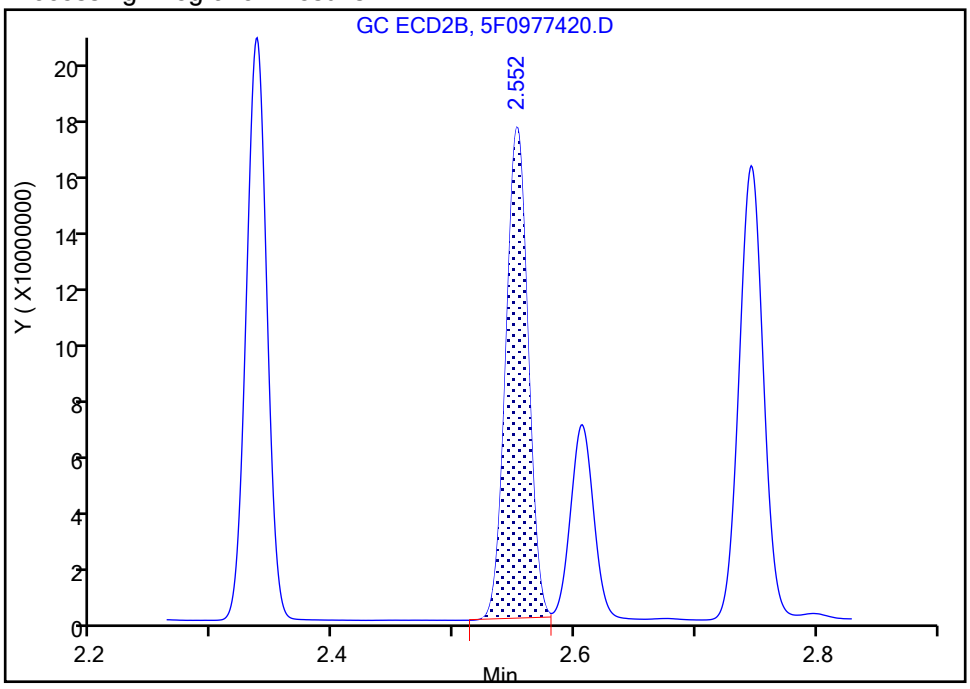
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

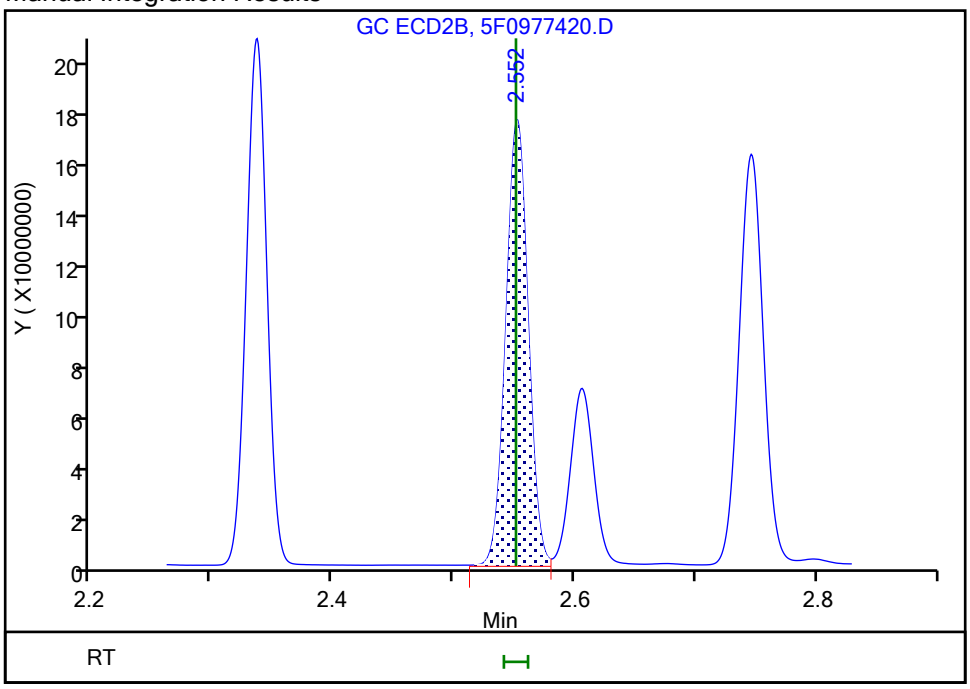
Processing Integration Results

RT: 2.55
Area: 220231790
Amount: 242.1527
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 221859137
Amount: 243.0983
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:30 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

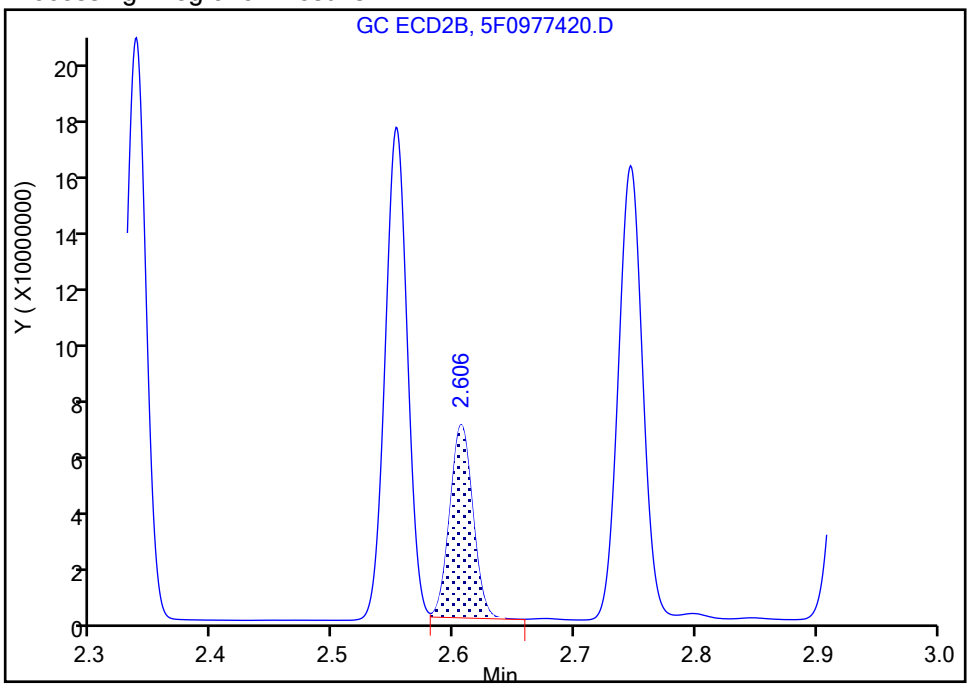
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977420.D
Injection Date: 21-Jan-2025 10:01:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

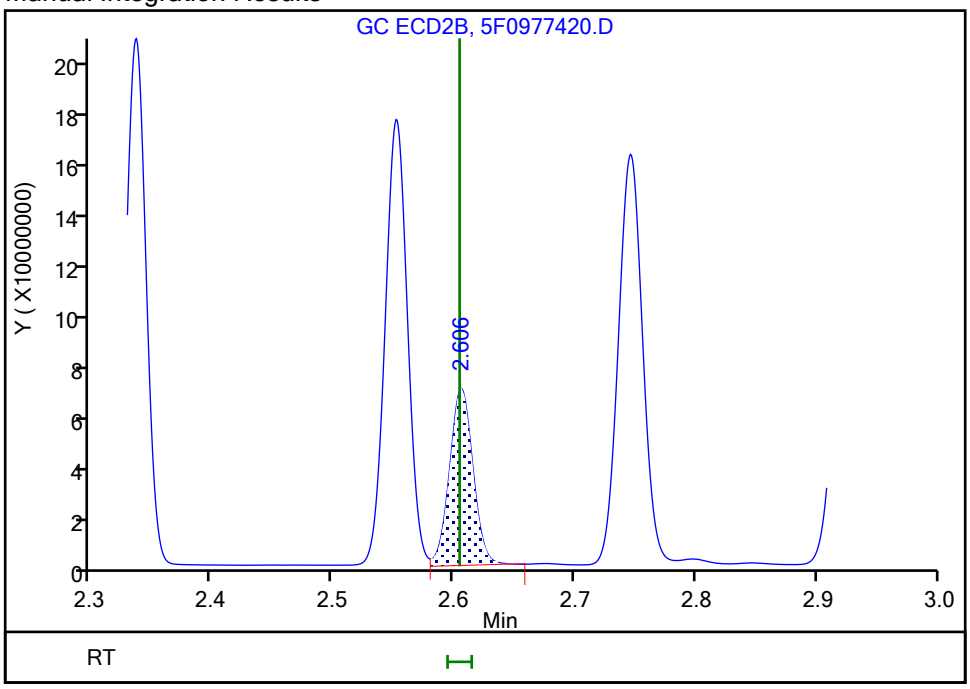
Processing Integration Results

RT: 2.61
Area: 90191717
Amount: 227.0485
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 92759624
Amount: 231.2702
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:47:30 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 10:14:17 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:43:55 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:48:19

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.509 | 0.001 | 23011540 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 40274228 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.017 | 2.017 | 0.000 | 57728760 | 200.0 | 234.6 | |
| 2 | 2.001 | 1.999 | 0.002 | 105138405 | 200.0 | 215.1 | |
| | | | | | | RPD = 8.64 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 245319192 | 500.0 | 629.8 | |
| 2 | 2.337 | 2.334 | 0.003 | 401827802 | 500.0 | 548.3 | |
| | | | | | | RPD = 13.83 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 223914787 | 500.0 | 622.1 | M |
| 2 | 2.552 | 2.551 | 0.001 | 368019804 | 500.0 | 544.1 | M |
| | | | | | | RPD = 13.38 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.797 | 2.798 | -0.001 | 88904240 | 500.0 | 576.9 | M |
| 2 | 2.606 | 2.604 | 0.002 | 153054022 | 500.0 | 514.8 | M |
| | | | | | | RPD = 11.37 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.092 | 3.092 | 0.000 | 228927577 | 500.0 | 622.6 | M |
| 2 | 2.747 | 2.744 | 0.003 | 374642440 | 500.0 | 548.9 | |
| | | | | | | RPD = 12.57 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.167 | 3.167 | 0.000 | 214357275 | 500.0 | 591.6 | M |
| 2 | 2.927 | 2.925 | 0.002 | 375220526 | 500.0 | 525.2 | |
| | | | | | | RPD = 11.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.538 | 3.538 | 0.000 | 220215069 | 500.0 | 619.1 | |
| 2 | 3.196 | 3.194 | 0.002 | 383664140 | 500.0 | 541.8 | |
| | | | | | | RPD = 13.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.207 | 0.000 | 183713123 | 500.0 | 592.7 | |
| 2 | 3.815 | 3.814 | 0.001 | 326563472 | 500.0 | 510.6 | |
| | | | | | | RPD = 14.89 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.437 | 4.436 | 0.001 | 192417815 | 500.0 | 606.5 | |
| 2 | 3.947 | 3.945 | 0.002 | 344717596 | 500.0 | 529.3 | |
| | | | | | | RPD = 13.61 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.624 | 0.001 | 187249430 | 500.0 | 616.0 | M |
| 2 | 4.085 | 4.084 | 0.001 | 332236776 | 500.0 | 538.7 | M |
| | | | | | | RPD = 13.38 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.696 | 0.001 | 173959783 | 500.0 | 595.0 | M |
| 2 | 4.232 | 4.231 | 0.001 | 310532692 | 500.0 | 540.3 | M |
| | | | | | | RPD = 9.64 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.825 | 4.824 | 0.001 | 199675232 | 500.0 | 630.7 | |
| 2 | 4.167 | 4.165 | 0.002 | 346686775 | 500.0 | 574.7 | M |
| | | | | | | RPD = 9.31 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.985 | 0.001 | 211514978 | 500.0 | 623.1 | |
| 2 | 4.506 | 4.504 | 0.002 | 357922898 | 500.0 | 550.5 | |
| | | | | | | RPD = 12.39 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 193668893 | 500.0 | 614.6 | M |
| 2 | 4.767 | 4.766 | 0.001 | 325199846 | 500.0 | 546.7 | |
| | | | | | | RPD = 11.70 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.382 | -0.001 | 209225178 | 500.0 | 675.8 | M |
| 2 | 4.843 | 4.843 | 0.000 | 283289290 | 500.0 | 559.5 | |
| | | | | | | RPD = 18.82 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 138681309 | 500.0 | 433.6 | M |
| 2 | 4.980 | 4.979 | 0.001 | 209877062 | 500.0 | 415.7 | |
| | | | | | | RPD = 4.23 | |
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.661 | 0.000 | 163178539 | 500.0 | 651.7 | M |
| 2 | 5.103 | 5.103 | 0.000 | 287875297 | 500.0 | 562.3 | |
| | | | | | | RPD = 14.73 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.756 | 5.756 | 0.000 | 140296185 | 500.0 | 546.9 | M |
| 2 | 5.338 | 5.339 | -0.001 | 221160592 | 500.0 | 512.9 | |
| | | | | | | RPD = 6.42 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 188579291 | 500.0 | 572.9 | |
| 2 | 5.697 | 5.697 | 0.000 | 282158423 | 500.0 | 509.1 | |
| | | | | | | RPD = 11.80 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.463 | 6.463 | 0.000 | 78090513 | 500.0 | 646.4 | |
| 2 | 5.532 | 5.532 | 0.000 | 143342521 | 500.0 | 533.3 | M |
| | | | | | | RPD = 19.17 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.582 | 6.580 | 0.002 | 147065872 | 500.0 | 561.8 | M |
| 2 | 5.601 | 5.600 | 0.001 | 220784045 | 500.0 | 509.0 | M |
| | | | | | | RPD = 9.87 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.673 | 6.673 | 0.000 | 215086057 | 500.0 | 574.2 | M |
| 2 | 5.926 | 5.925 | 0.001 | 313689176 | 500.0 | 509.9 | |
| | | | | | | RPD = 11.86 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.093 | -0.001 | 83883972 | 200.0 | 224.0 | |
| 2 | 7.321 | 7.319 | 0.002 | 122271546 | 200.0 | 206.2 | |
| | | | | | | RPD = 8.29 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

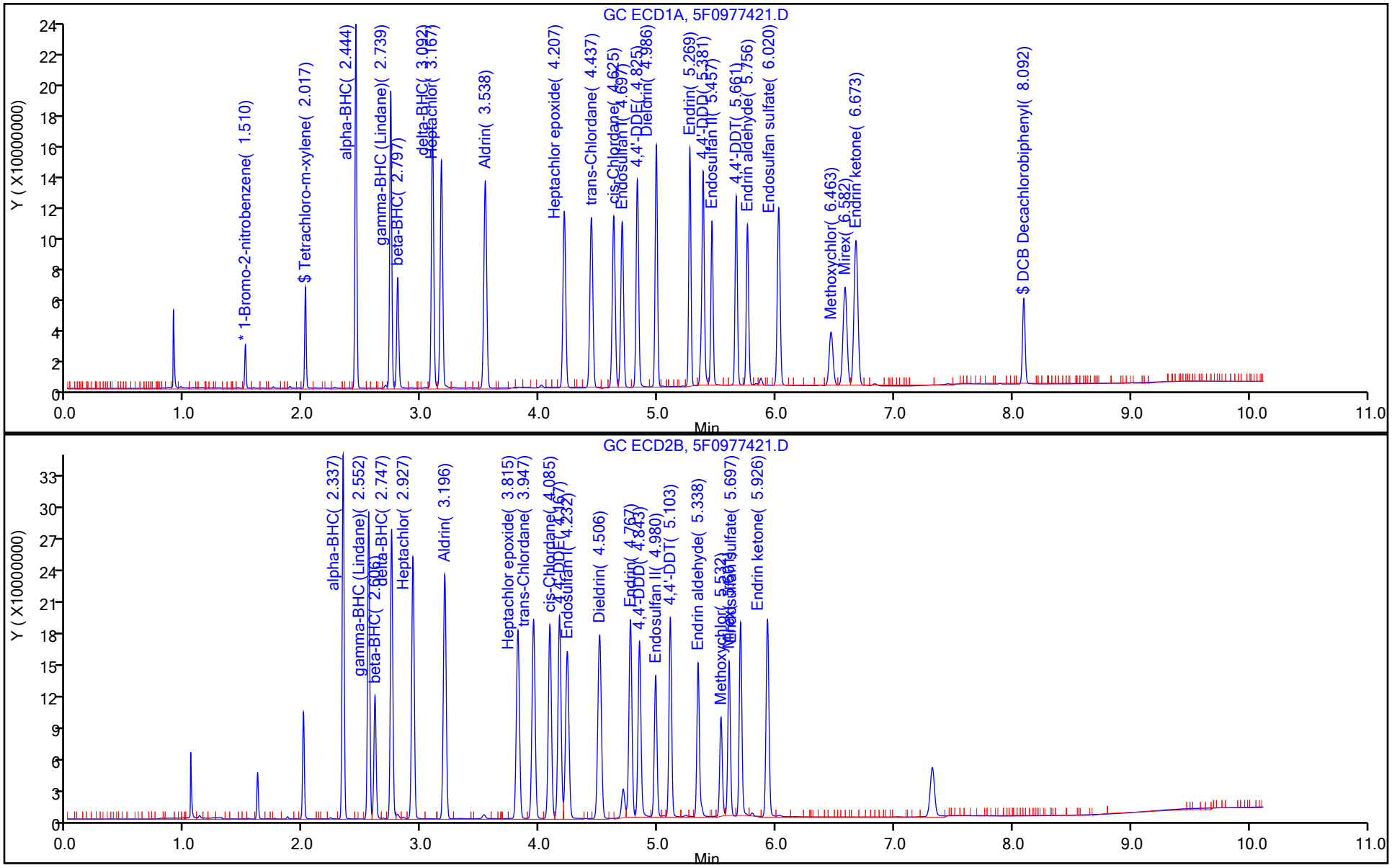
| | | | |
|---|---|---|---|
| SGPESTL5_00043 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:43:56 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:14:17 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

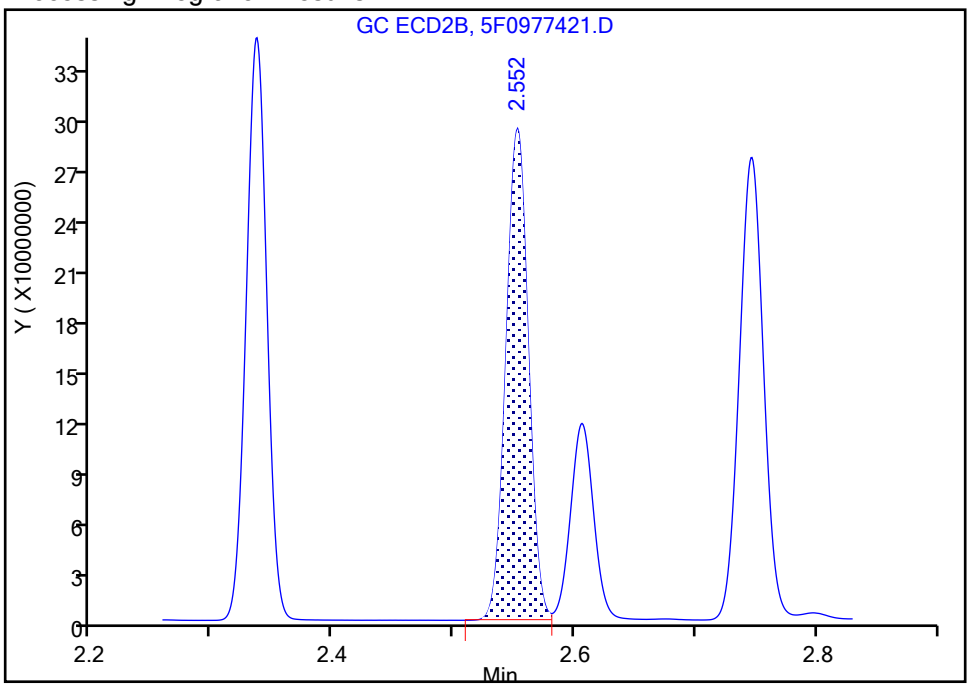
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

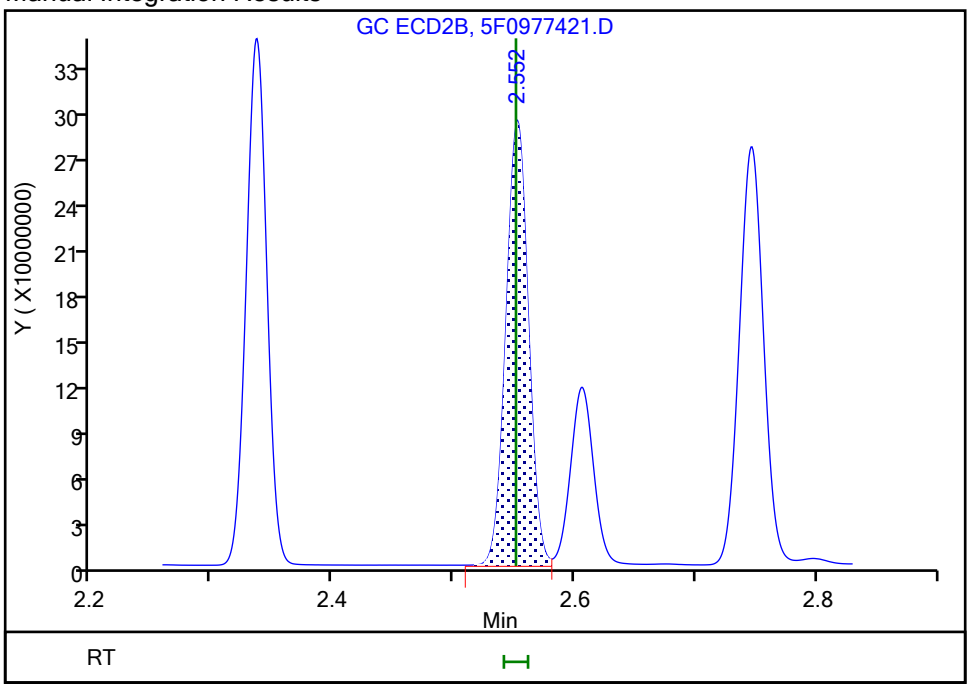
Processing Integration Results

RT: 2.55
Area: 366654053
Amount: 543.1490
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 368019804
Amount: 544.0642
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:06 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

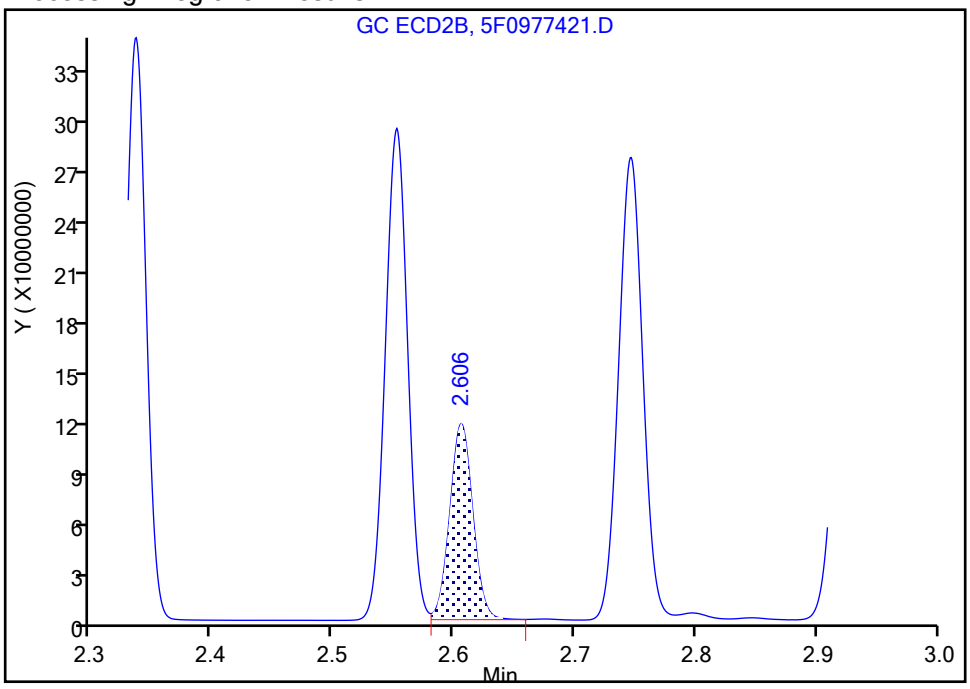
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

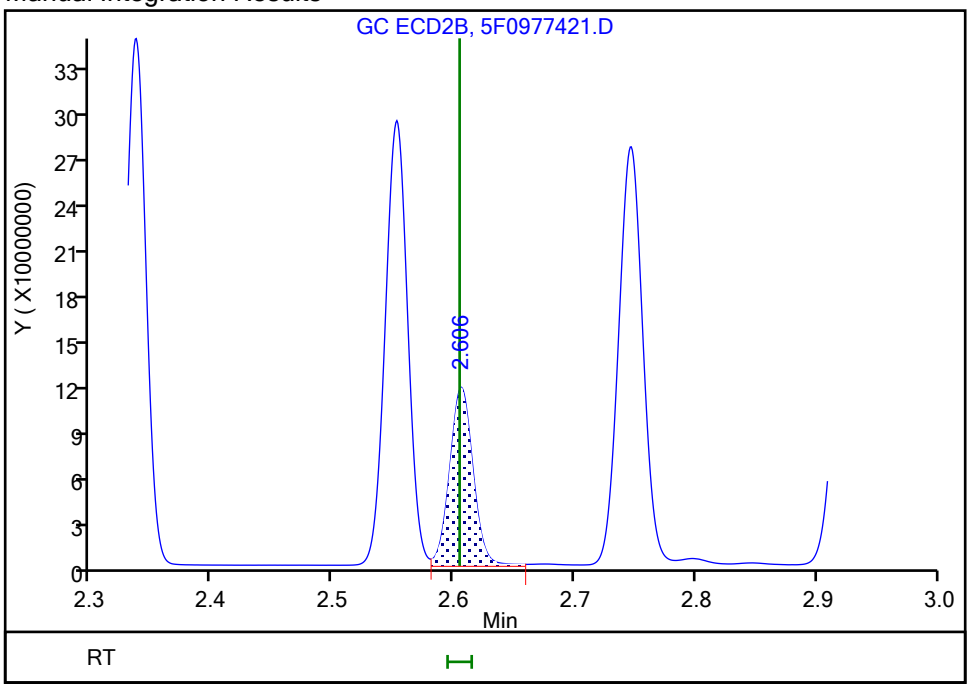
Processing Integration Results

RT: 2.61
Area: 150739697
Amount: 509.3470
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 153054022
Amount: 514.8490
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:06 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

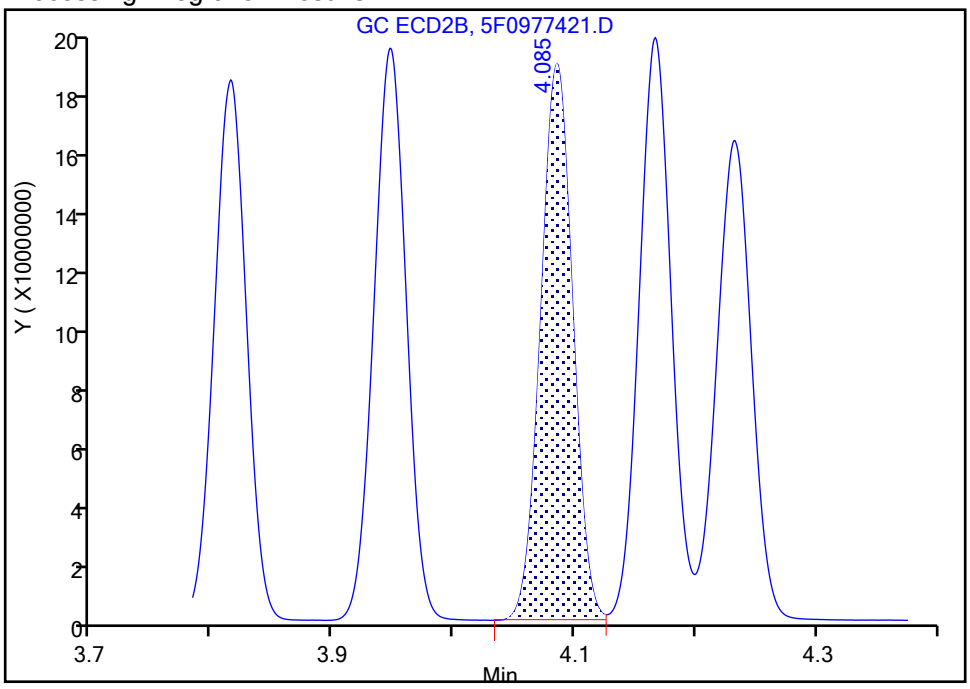
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

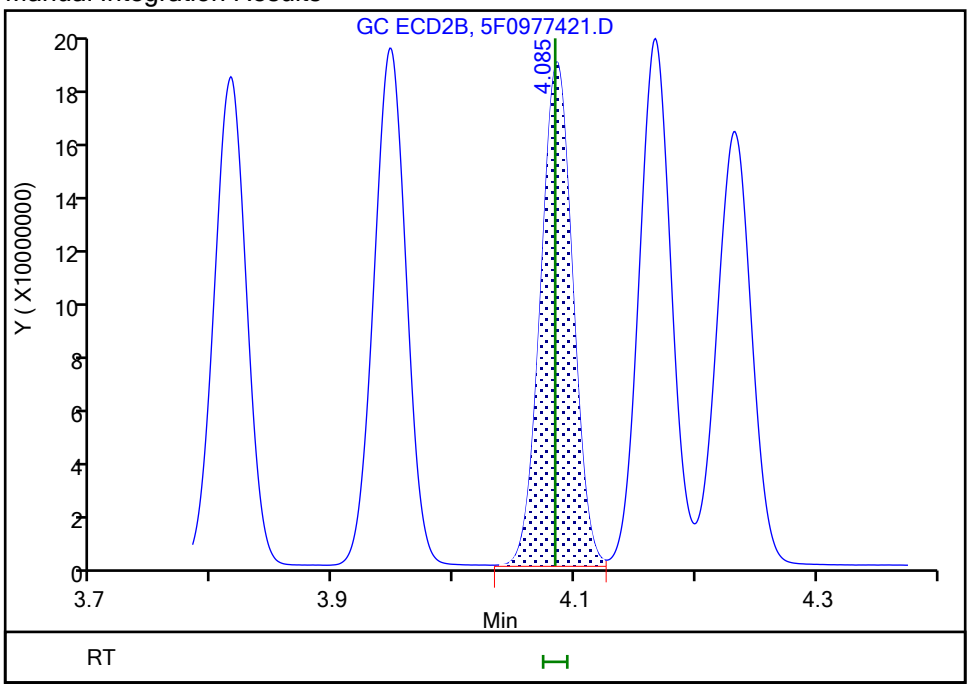
Processing Integration Results

RT: 4.08
Area: 330805878
Amount: 537.6156
Amount Units: ug/l




Manual Integration Results

RT: 4.08
Area: 332236776
Amount: 538.7261
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

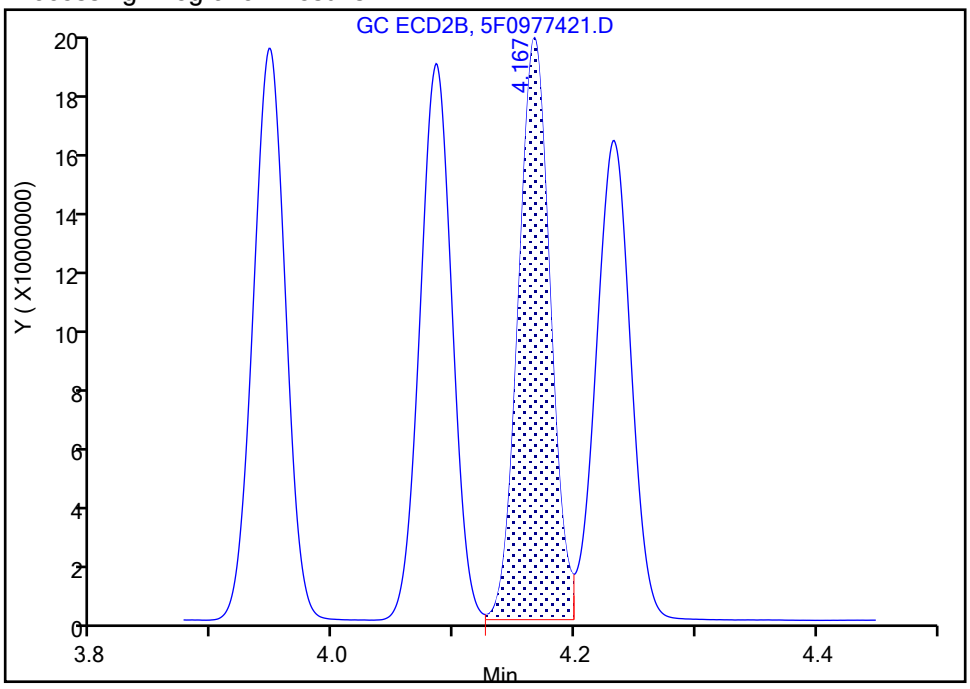
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

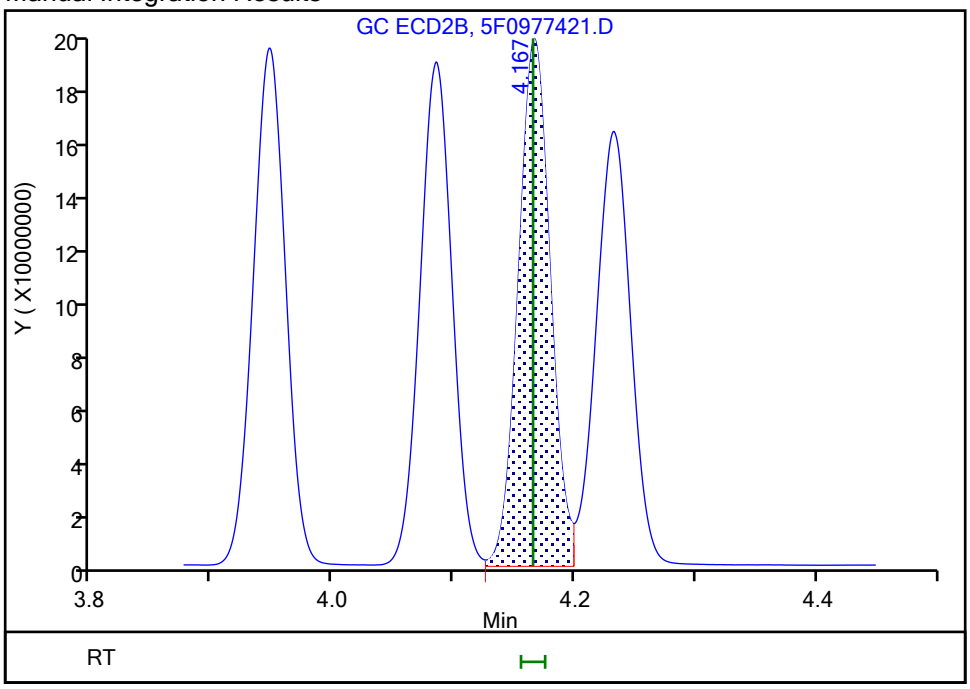
Processing Integration Results

RT: 4.17
Area: 344397431
Amount: 572.3392
Amount Units: ug/l




Manual Integration Results

RT: 4.17
Area: 346686775
Amount: 574.6553
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

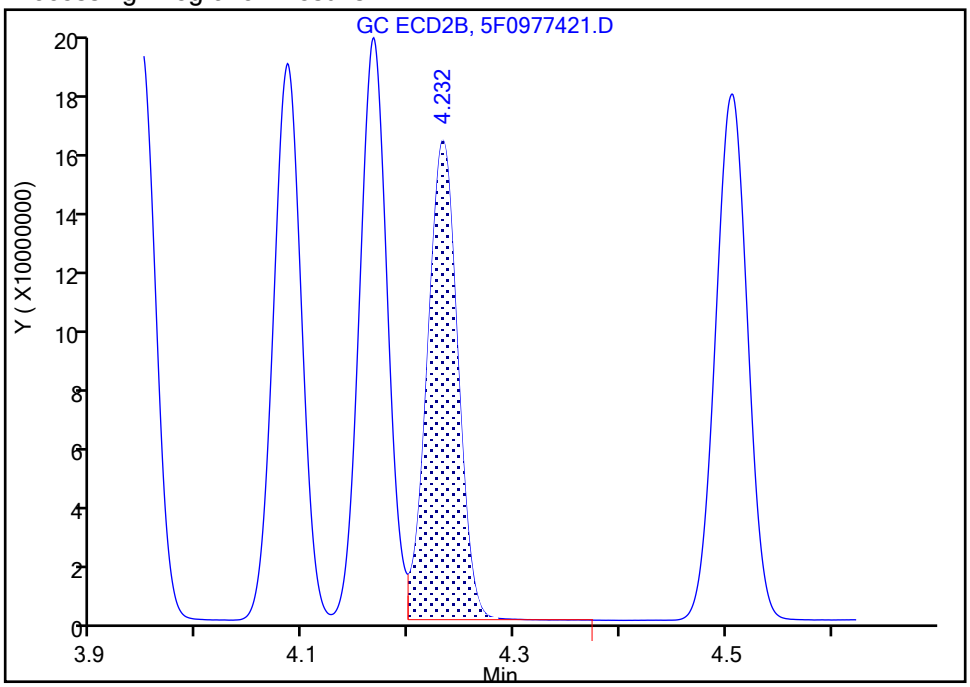
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

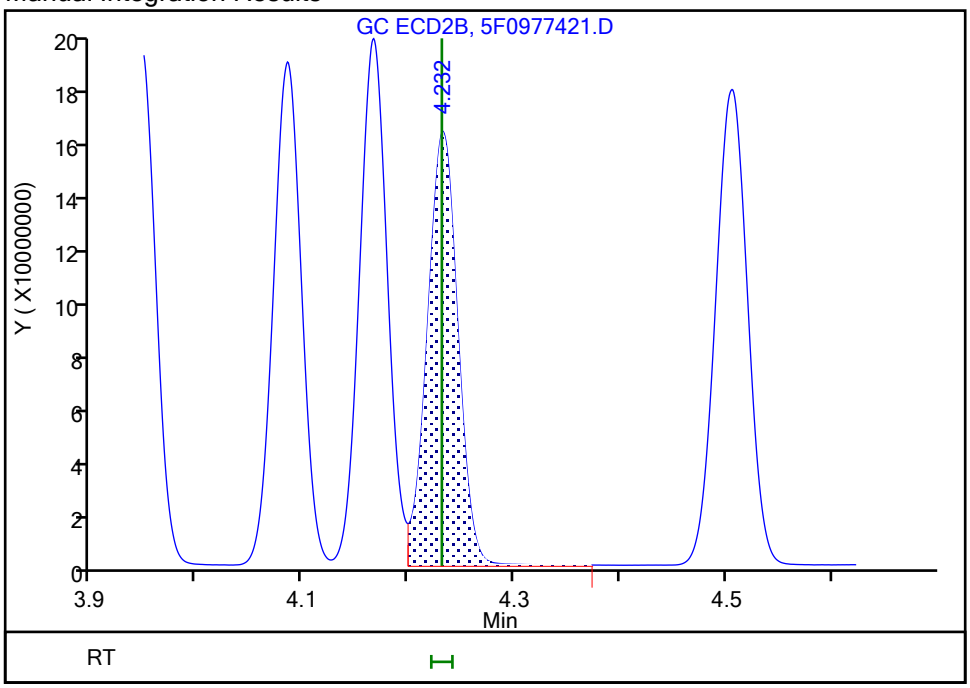
Processing Integration Results

RT: 4.23
Area: 307990199
Amount: 537.4175
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 310532692
Amount: 540.2648
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

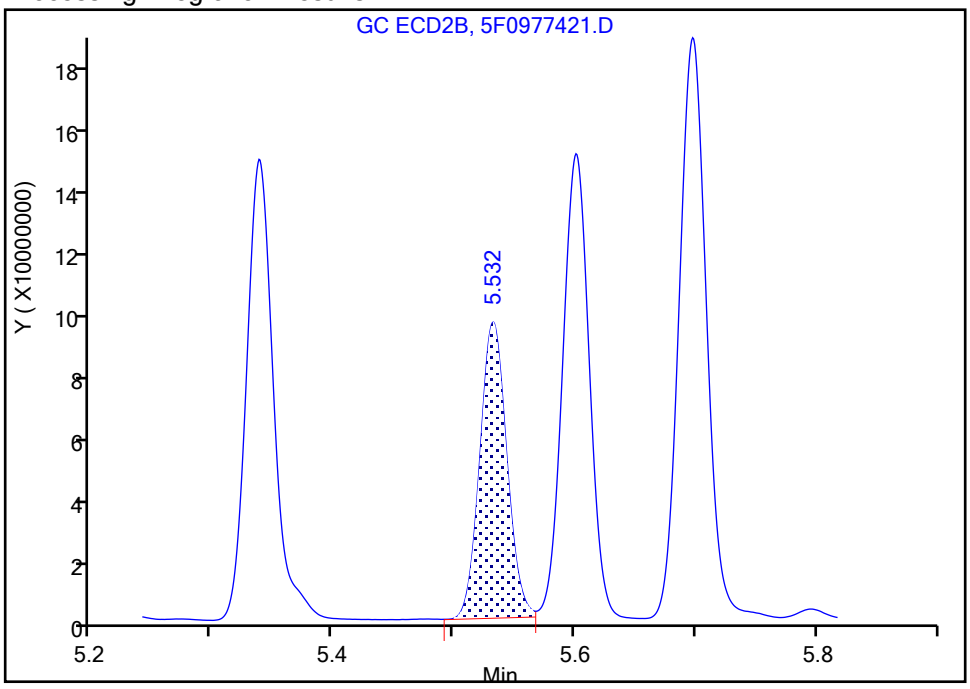
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

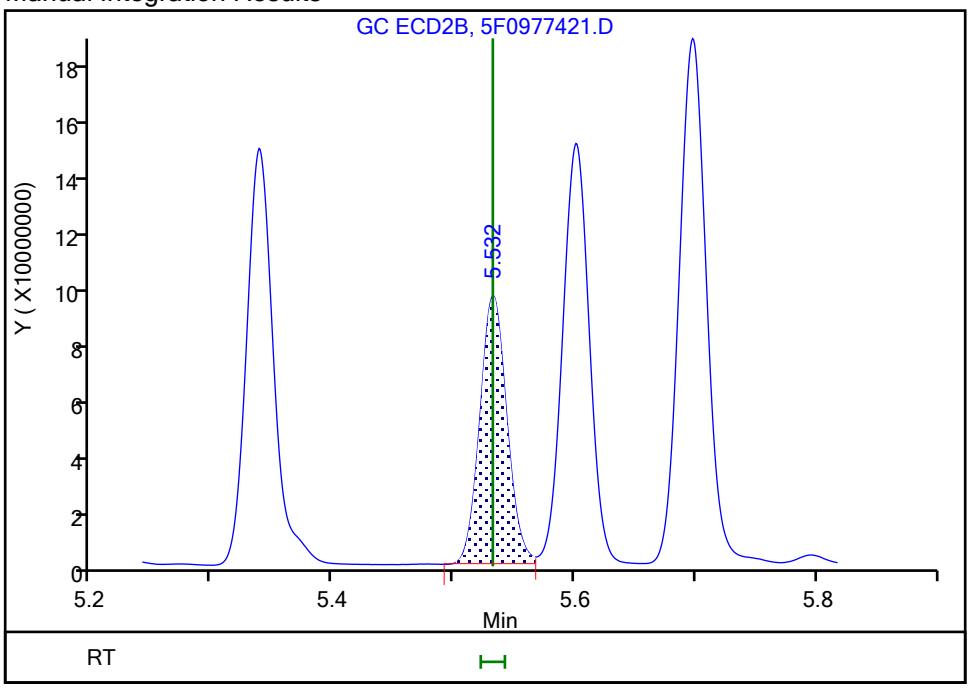
Processing Integration Results

RT: 5.53
Area: 141775271
Amount: 529.3622
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 143342521
Amount: 533.2991
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

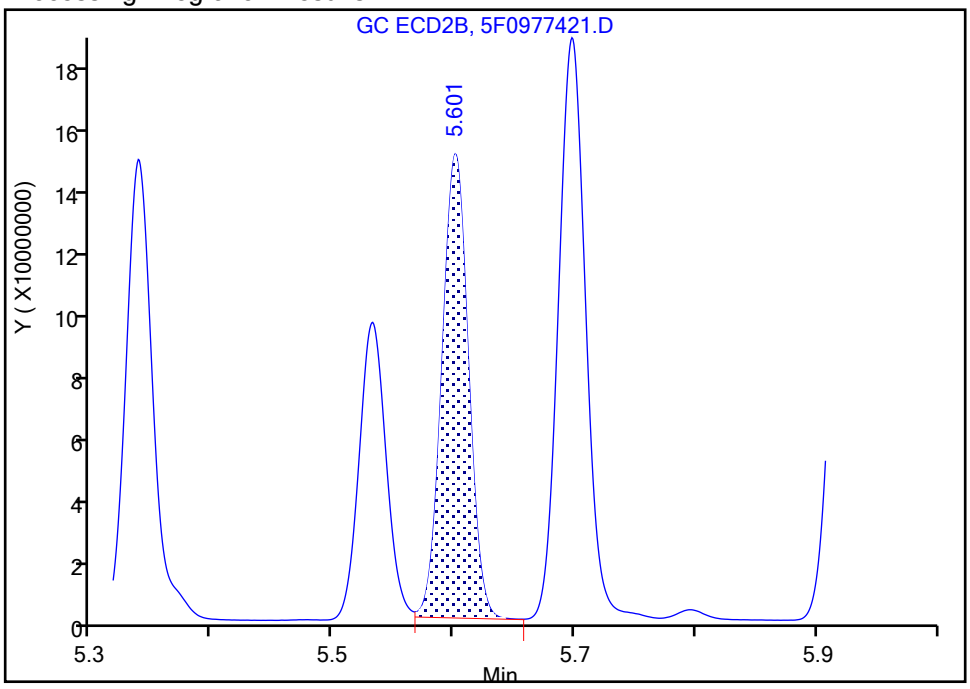
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977421.D
Injection Date: 21-Jan-2025 10:14:17 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

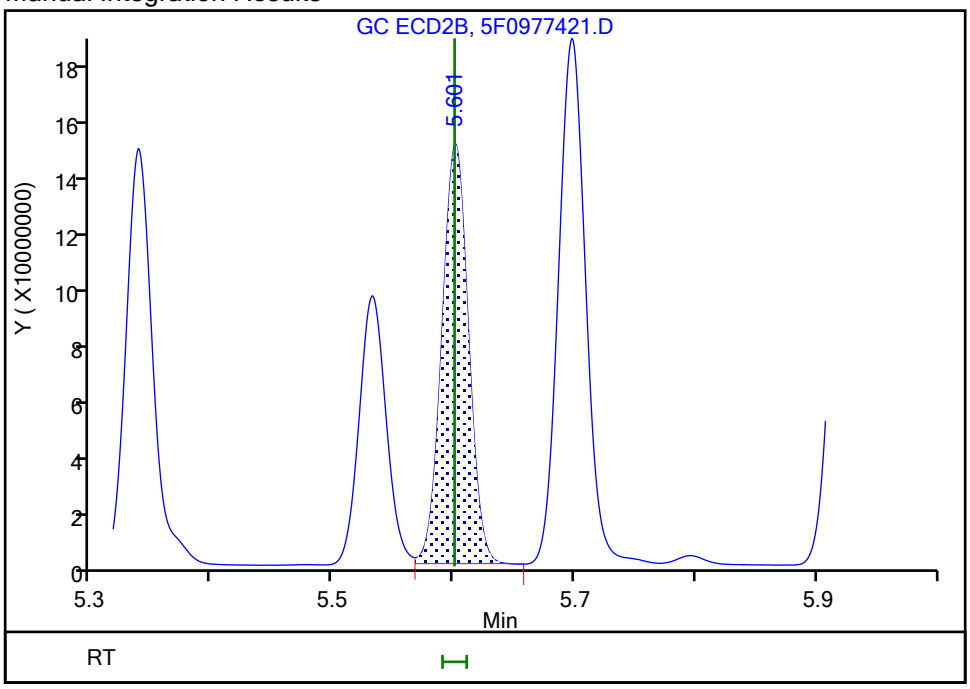
Processing Integration Results

RT: 5.60
Area: 218823296
Amount: 506.1083
Amount Units: ug/l




Manual Integration Results

RT: 5.60
Area: 220784045
Amount: 509.0038
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

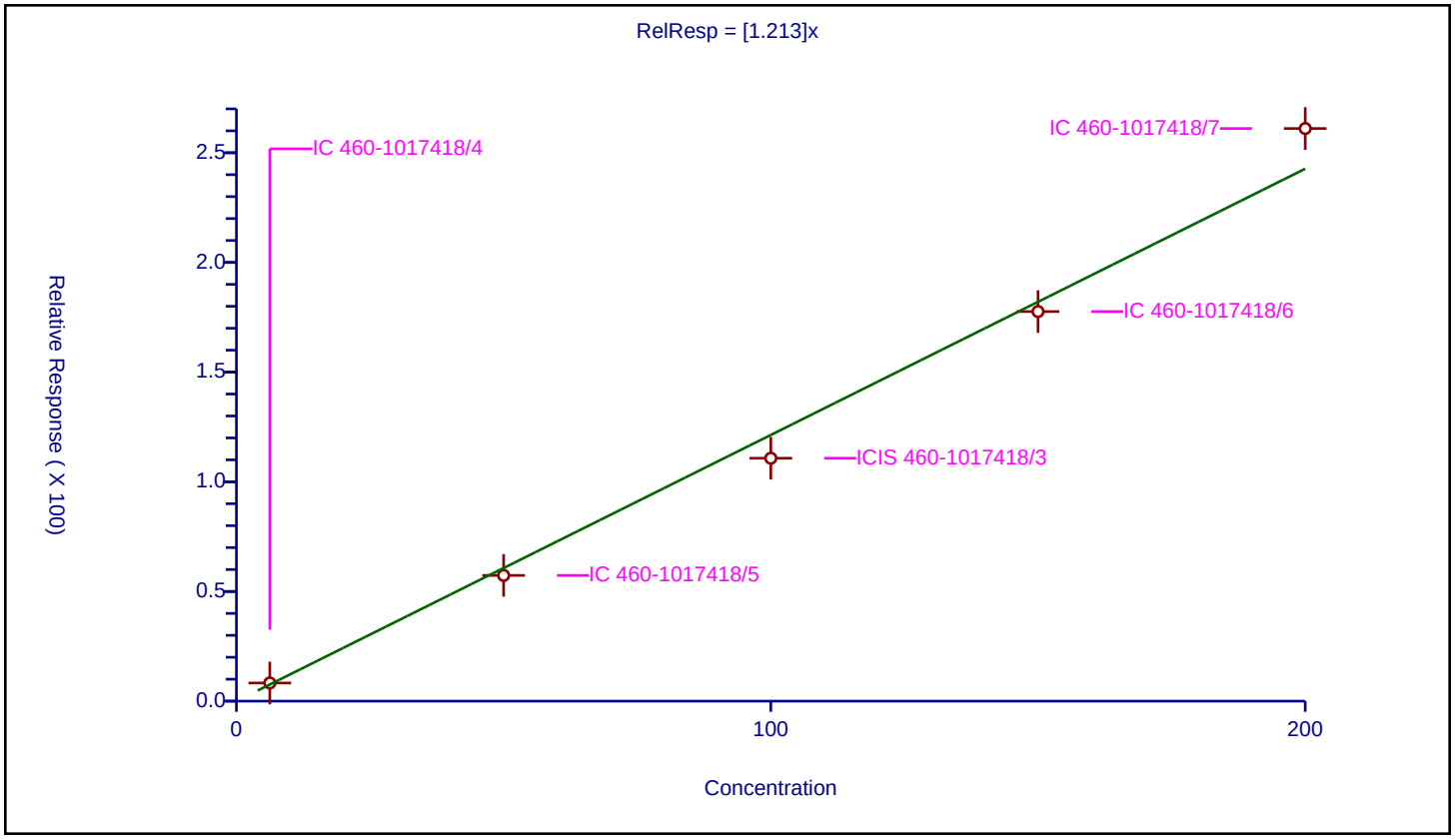
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.213 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 6.25 | 8.277325 | 100.0 | 47374775.0 | 1.324372 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 57.31602 | 100.0 | 54233399.0 | 1.14632 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 110.741046 | 100.0 | 53091646.0 | 1.10741 | Y |
| 4 | IC 460-1017418/6 | 150.0 | 177.606732 | 100.0 | 54337741.0 | 1.184045 | Y |
| 5 | IC 460-1017418/7 | 200.0 | 261.056289 | 100.0 | 40274228.0 | 1.305281 | Y |



## Calibration / alpha-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

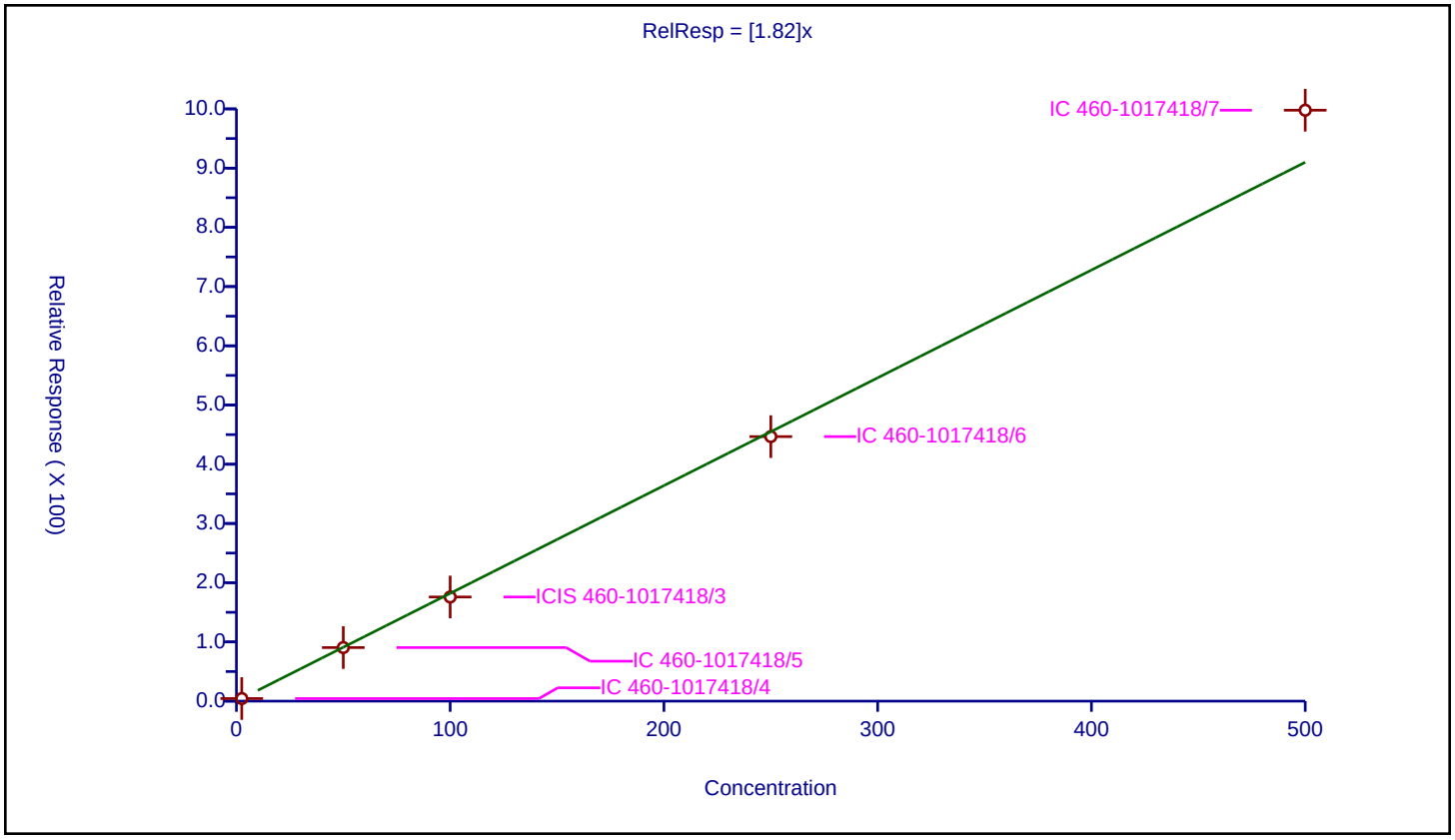
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.82 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.371436 | 100.0 | 47374775.0 | 1.748574 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 90.474359 | 100.0 | 54233399.0 | 1.809487 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 175.846976 | 100.0 | 53091646.0 | 1.75847 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 446.678473 | 100.0 | 54337741.0 | 1.786714 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 997.729372 | 100.0 | 40274228.0 | 1.995459 | Y |



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## Calibration / gamma-BHC (Lindane)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

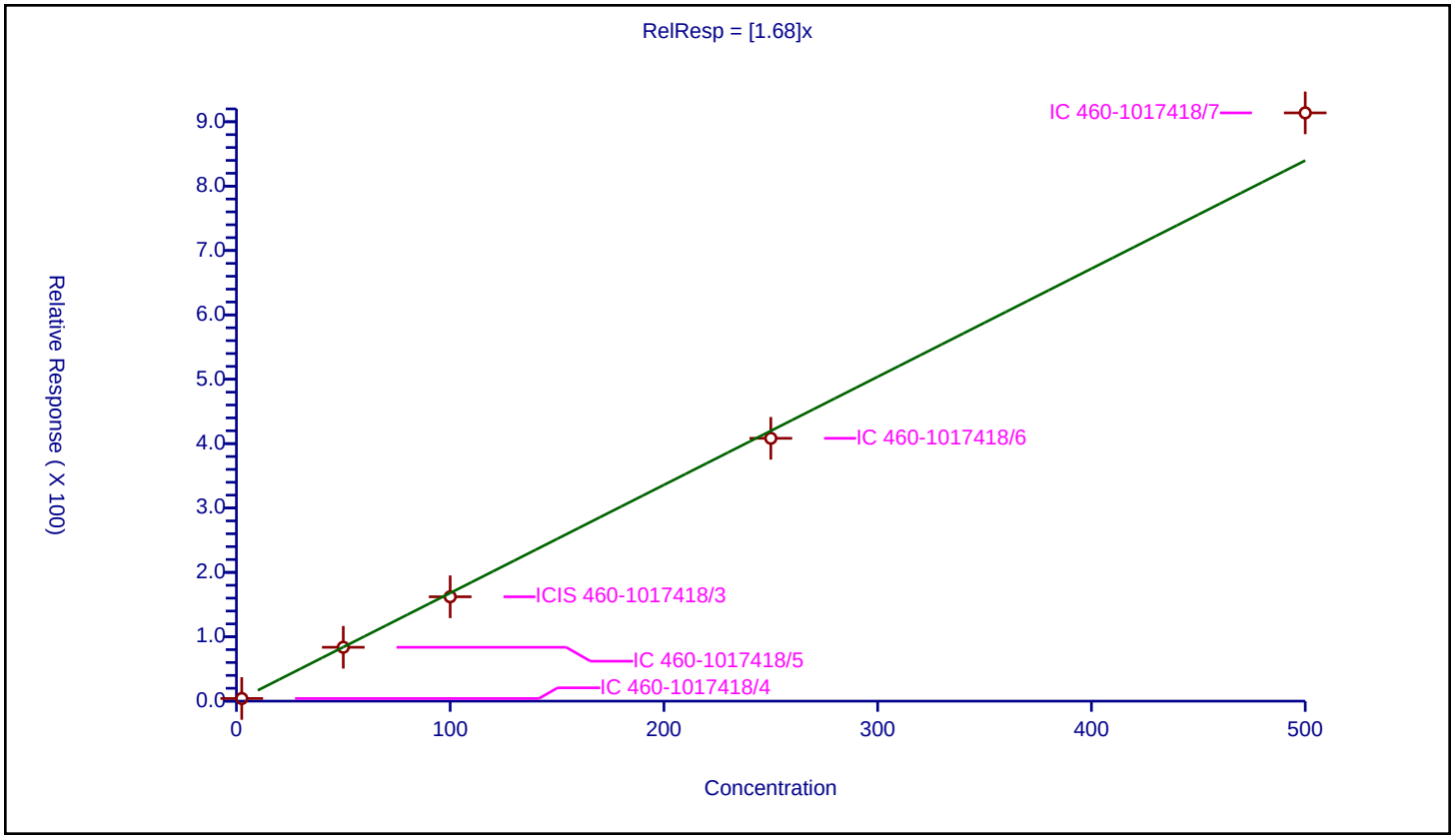
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.68 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.105155 | 100.0 | 47374775.0 | 1.642062 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 83.693851 | 100.0 | 54233399.0 | 1.673877 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 162.107144 | 100.0 | 53091646.0 | 1.621071 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 408.296578 | 100.0 | 54337741.0 | 1.633186 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 913.784875 | 100.0 | 40274228.0 | 1.82757 | Y |



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## Calibration / beta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

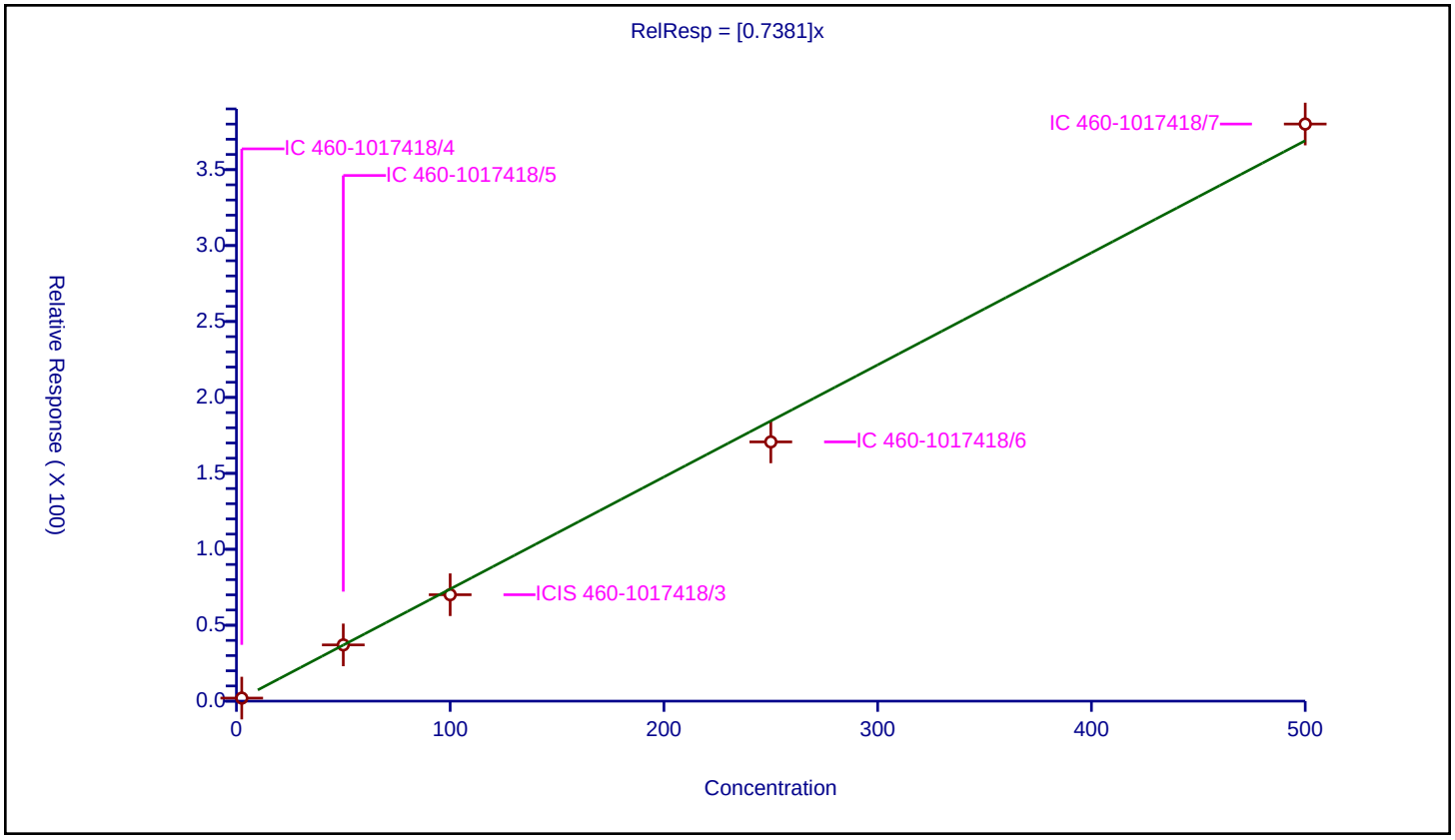
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7381 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.015585 | 100.0 | 47374775.0 | 0.806234 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 37.039972 | 100.0 | 54233399.0 | 0.740799 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 70.076032 | 100.0 | 53091646.0 | 0.70076 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 170.709386 | 100.0 | 54337741.0 | 0.682838 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 380.029685 | 100.0 | 40274228.0 | 0.760059 | Y |



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## Calibration / delta-BHC

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

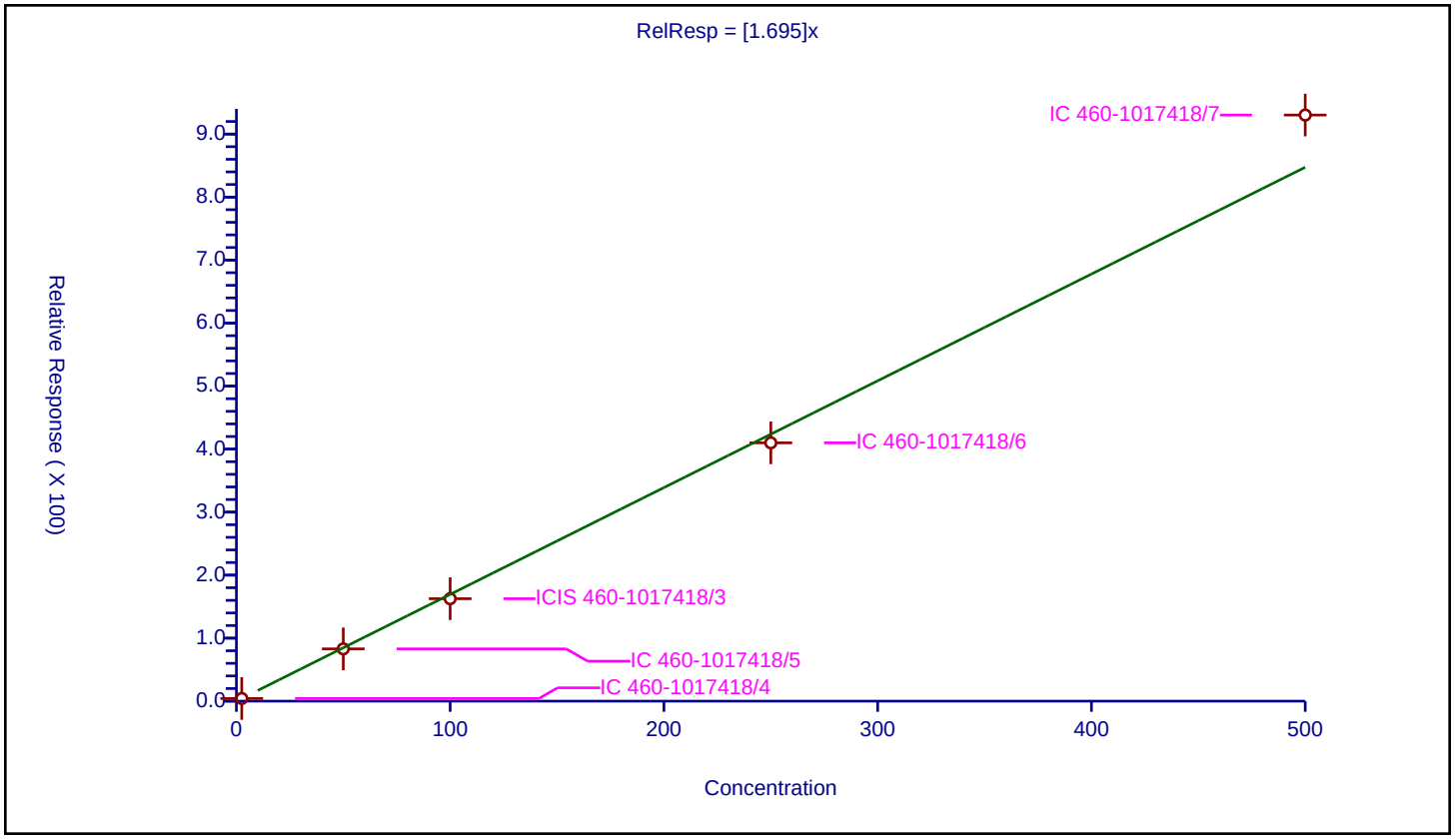
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.695 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.220805 | 100.0 | 47374775.0 | 1.688322 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 82.943313 | 100.0 | 54233399.0 | 1.658866 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 162.603448 | 100.0 | 53091646.0 | 1.626034 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 409.971797 | 100.0 | 54337741.0 | 1.639887 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 930.228731 | 100.0 | 40274228.0 | 1.860457 | Y |



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## Calibration / Heptachlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

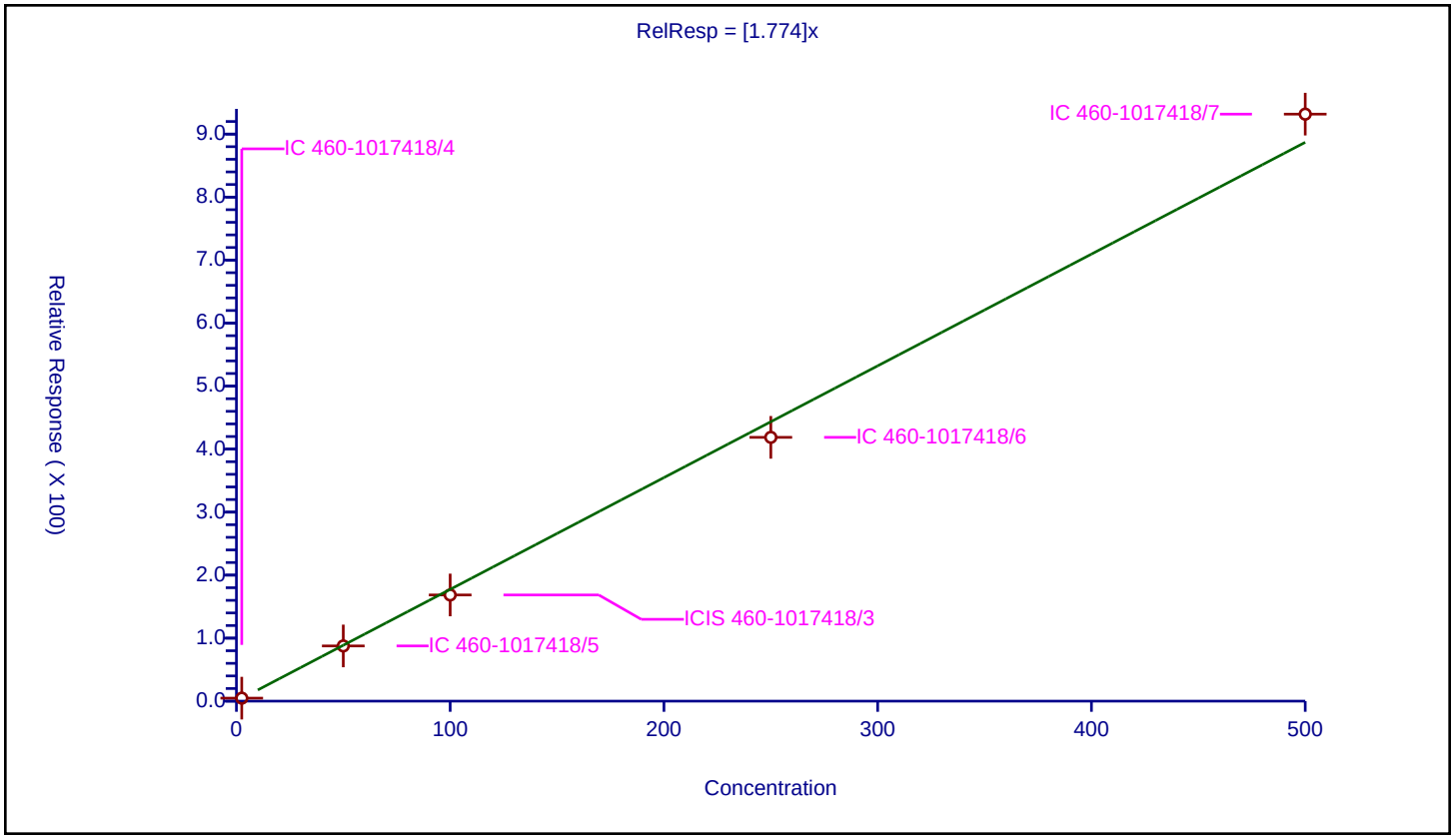
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.774 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.735212 | 100.0 | 47374775.0 | 1.894085 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 87.60346 | 100.0 | 54233399.0 | 1.752069 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 168.505665 | 100.0 | 53091646.0 | 1.685057 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 418.685153 | 100.0 | 54337741.0 | 1.674741 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 931.664105 | 100.0 | 40274228.0 | 1.863328 | Y |



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## Calibration / Aldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

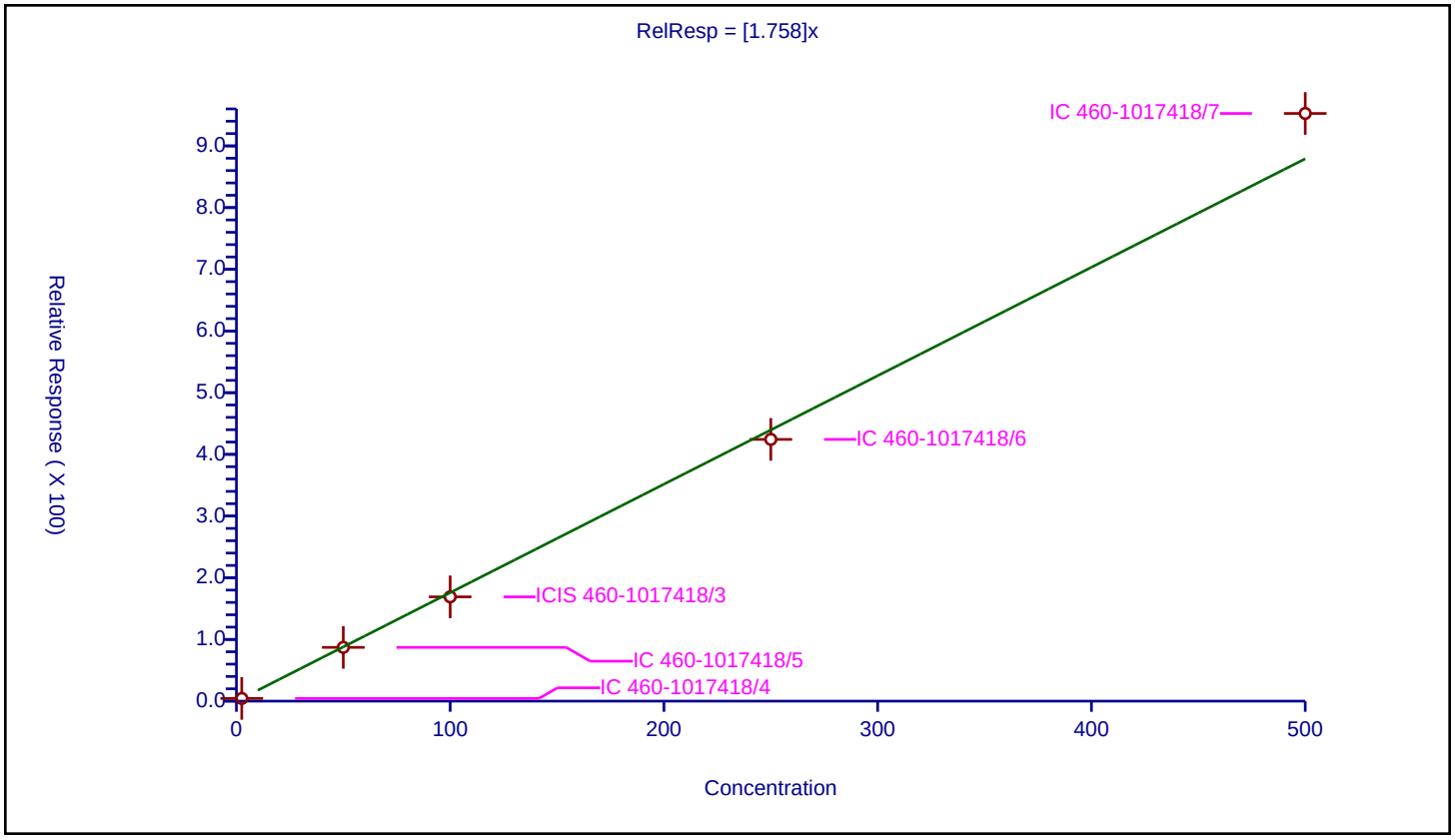
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.758 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.389678 | 100.0 | 47374775.0 | 1.755871 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 87.128666 | 100.0 | 54233399.0 | 1.742573 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 169.058388 | 100.0 | 53091646.0 | 1.690584 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 424.286122 | 100.0 | 54337741.0 | 1.697144 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 952.629409 | 100.0 | 40274228.0 | 1.905259 | Y |



## Calibration / Heptachlor epoxide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

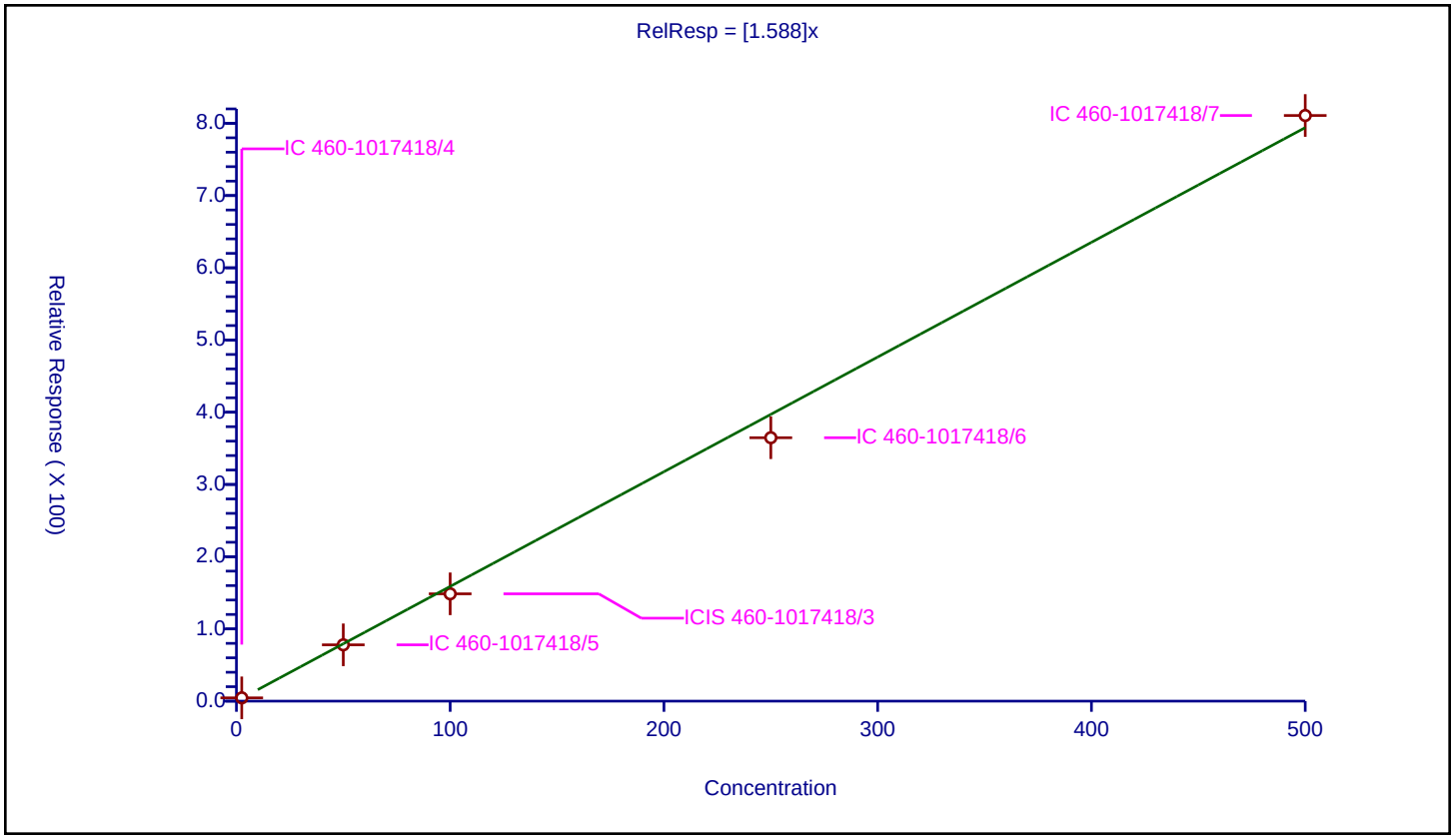
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.588 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.536448 | 100.0 | 47374775.0 | 1.814579 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 77.969559 | 100.0 | 54233399.0 | 1.559391 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 148.596431 | 100.0 | 53091646.0 | 1.485964 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 364.732927 | 100.0 | 54337741.0 | 1.458932 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 810.849737 | 100.0 | 40274228.0 | 1.621699 | Y |



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## Calibration / trans-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

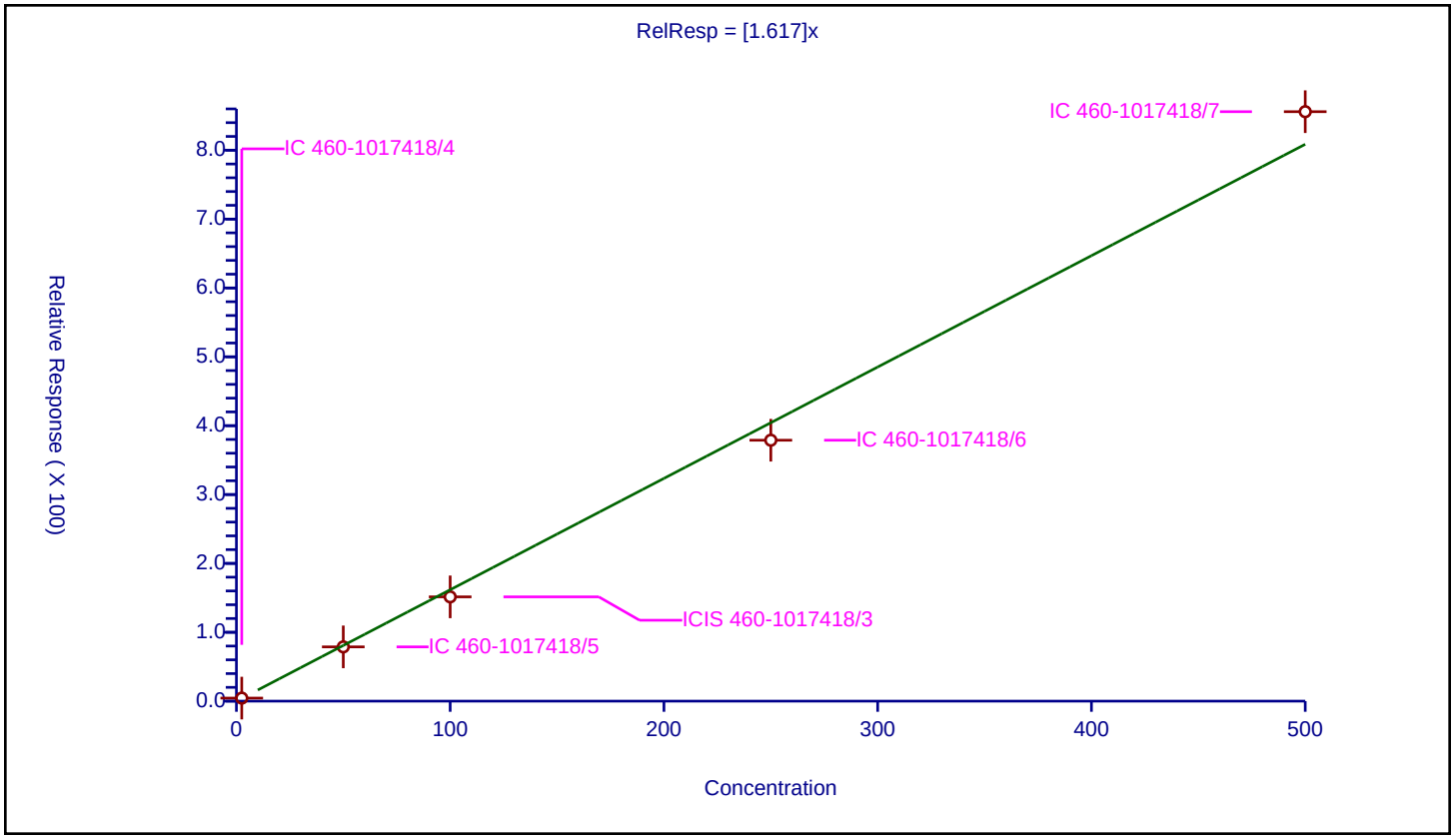
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.617 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.421247 | 100.0 | 47374775.0 | 1.768499 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 78.789395 | 100.0 | 54233399.0 | 1.575788 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 151.424541 | 100.0 | 53091646.0 | 1.514245 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 378.899066 | 100.0 | 54337741.0 | 1.515596 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 855.926018 | 100.0 | 40274228.0 | 1.711852 | Y |



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## Calibration / cis-Chlordane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

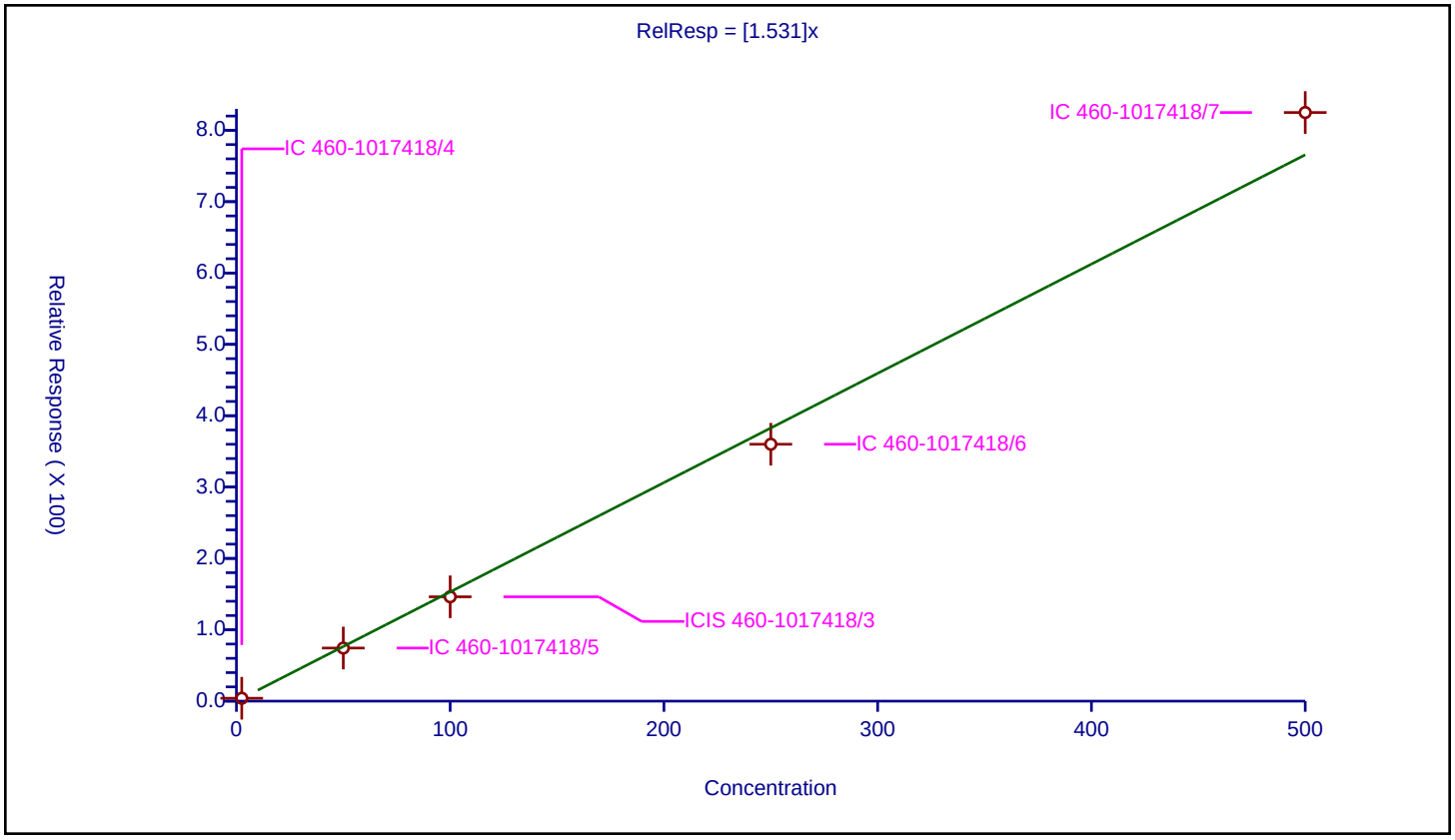
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.531 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.040002 | 100.0 | 47374775.0 | 1.616001 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 74.403192 | 100.0 | 54233399.0 | 1.488064 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 146.227813 | 100.0 | 53091646.0 | 1.462278 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 360.036552 | 100.0 | 54337741.0 | 1.440146 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 824.936423 | 100.0 | 40274228.0 | 1.649873 | Y |



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## Calibration / 4,4'-DDE

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

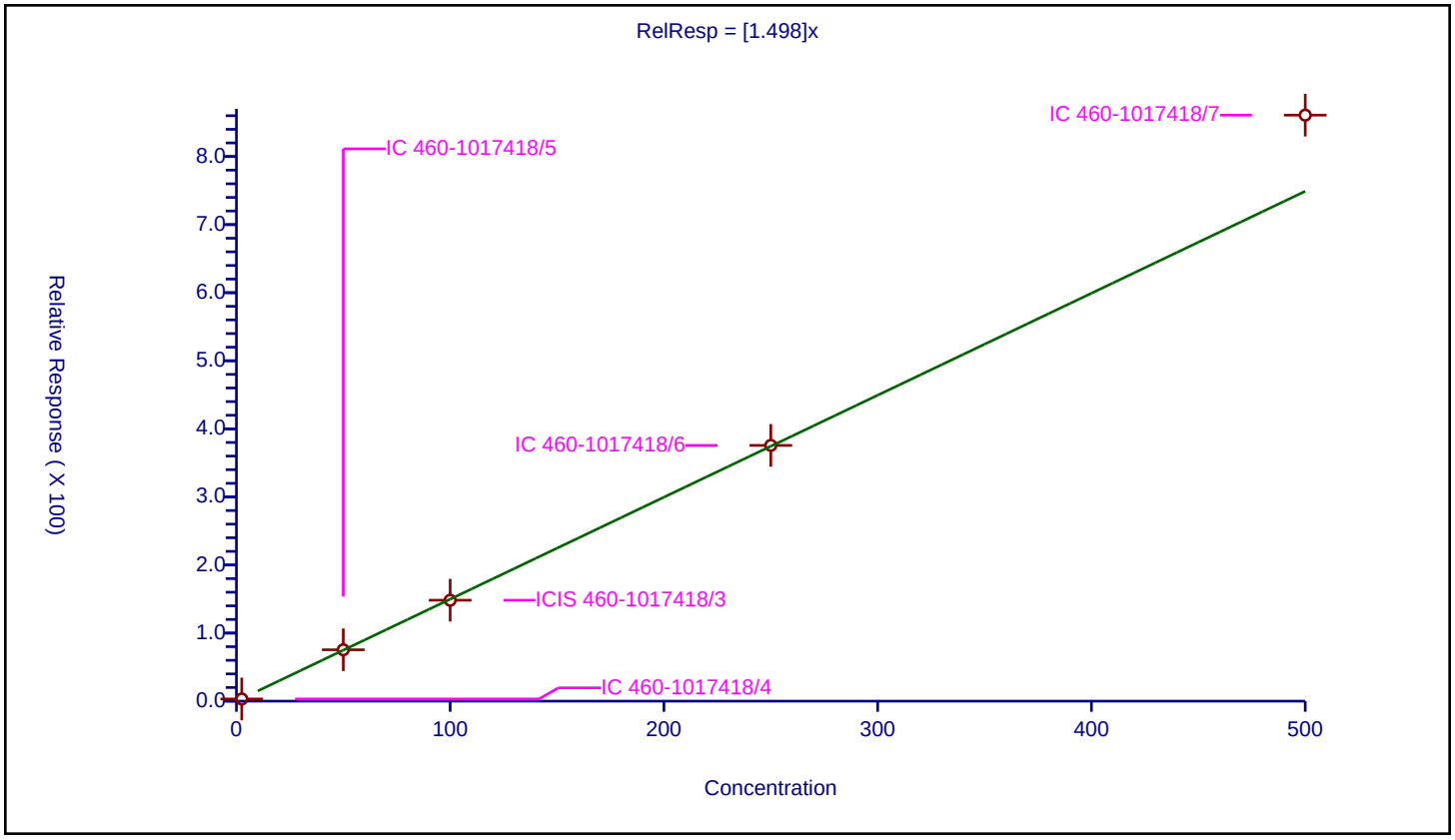
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.498 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.185233 | 100.0 | 47374775.0 | 1.274093 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 75.433568 | 100.0 | 54233399.0 | 1.508671 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 148.262244 | 100.0 | 53091646.0 | 1.482622 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 375.705836 | 100.0 | 54337741.0 | 1.502823 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 860.815445 | 100.0 | 40274228.0 | 1.721631 | Y |



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## Calibration / Endosulfan I

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

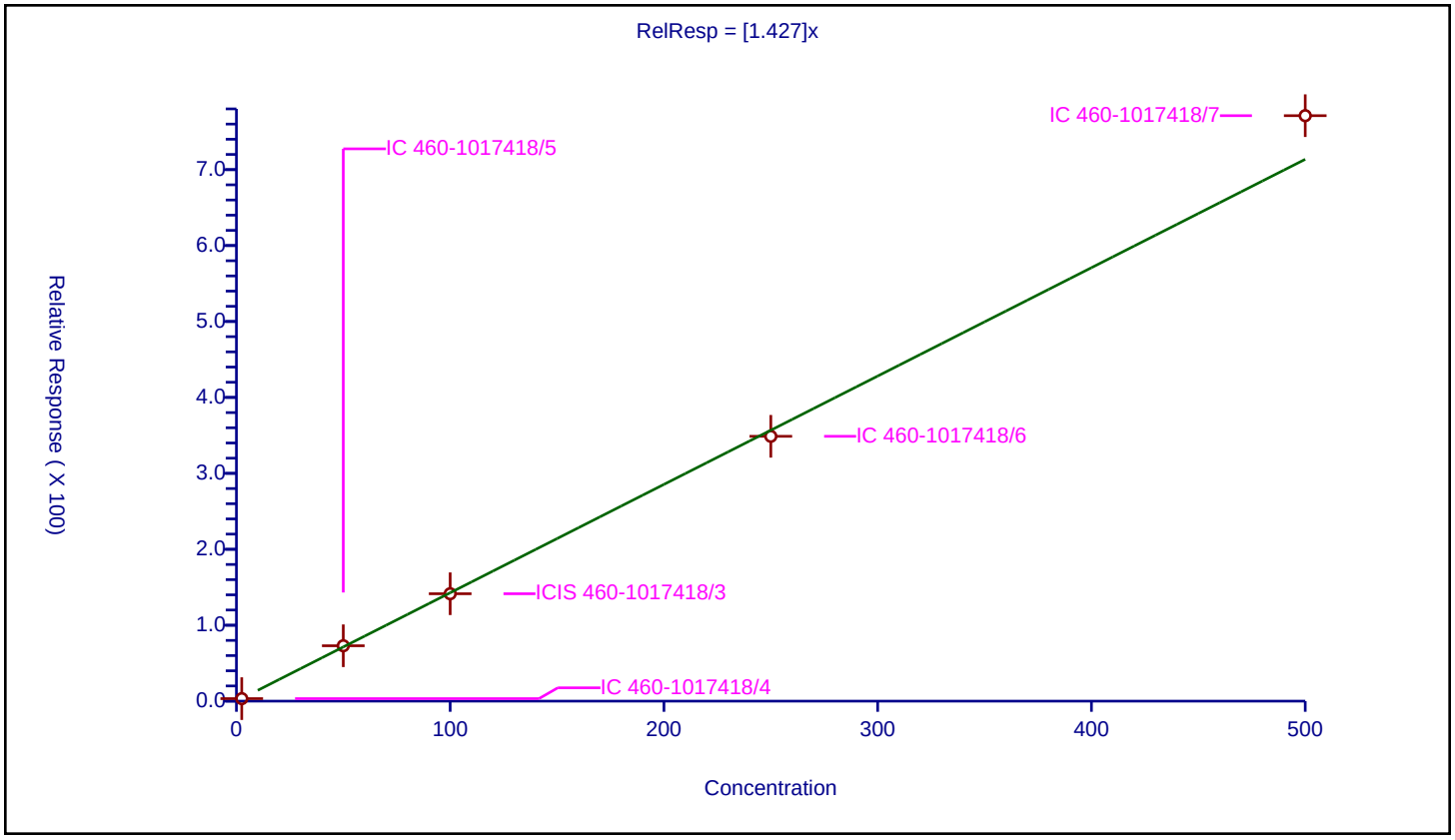
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.427 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.31382 | 100.0 | 47374775.0 | 1.325528 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 72.931024 | 100.0 | 54233399.0 | 1.45862 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 141.446931 | 100.0 | 53091646.0 | 1.414469 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 348.775883 | 100.0 | 54337741.0 | 1.395104 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 771.045672 | 100.0 | 40274228.0 | 1.542091 | Y |



## Calibration / Dieldrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

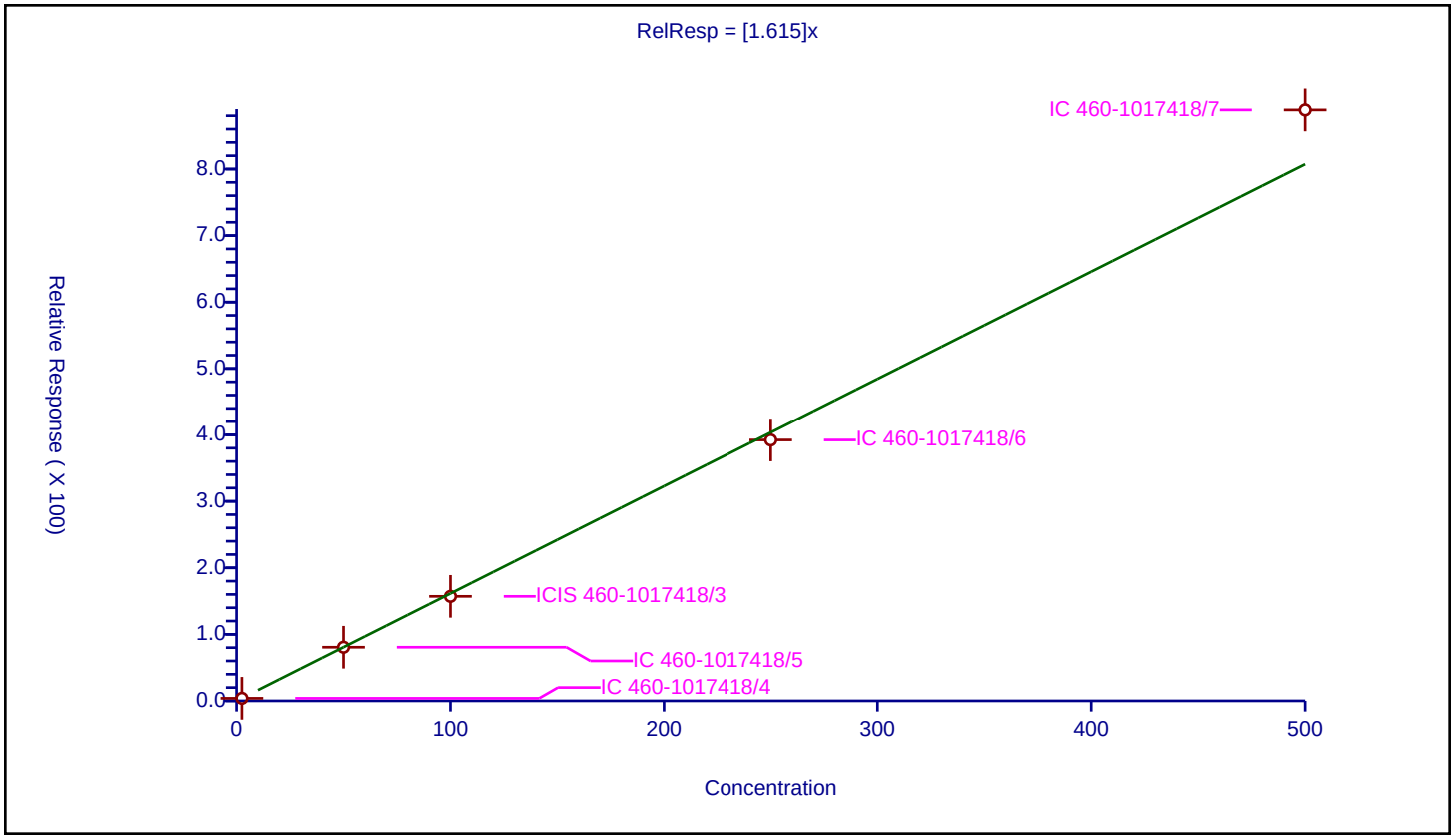
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.615 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.854712 | 100.0 | 47374775.0 | 1.541885 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 80.642735 | 100.0 | 54233399.0 | 1.612855 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 157.101603 | 100.0 | 53091646.0 | 1.571016 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 392.349577 | 100.0 | 54337741.0 | 1.569398 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 888.714485 | 100.0 | 40274228.0 | 1.777429 | Y |



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## Calibration / Endrin

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

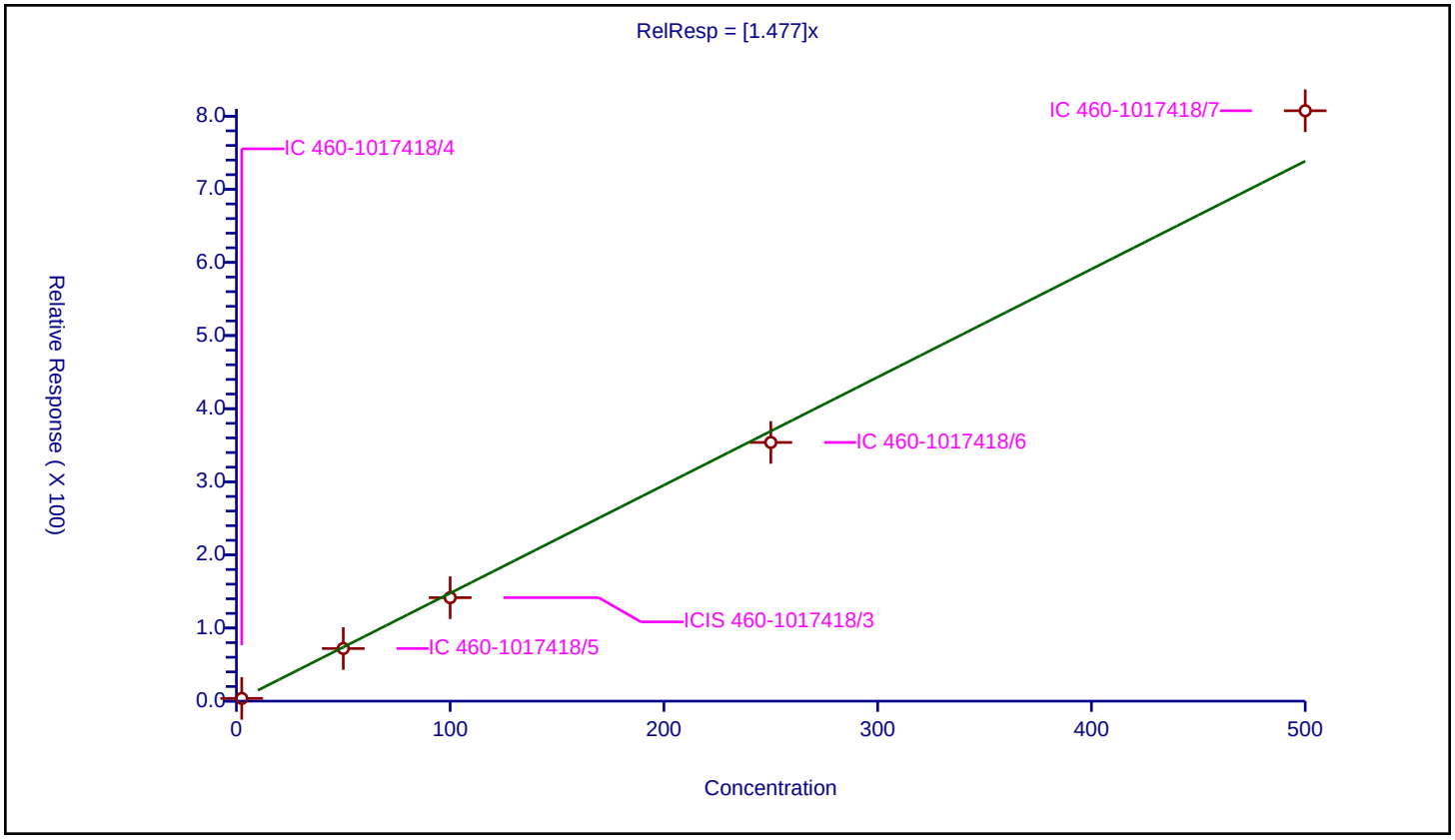
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.477 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.749877 | 100.0 | 47374775.0 | 1.499951 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 71.997575 | 100.0 | 54233399.0 | 1.439951 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 141.517406 | 100.0 | 53091646.0 | 1.415174 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 353.825375 | 100.0 | 54337741.0 | 1.415302 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 807.463885 | 100.0 | 40274228.0 | 1.614928 | Y |



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## Calibration / 4,4'-DDD

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

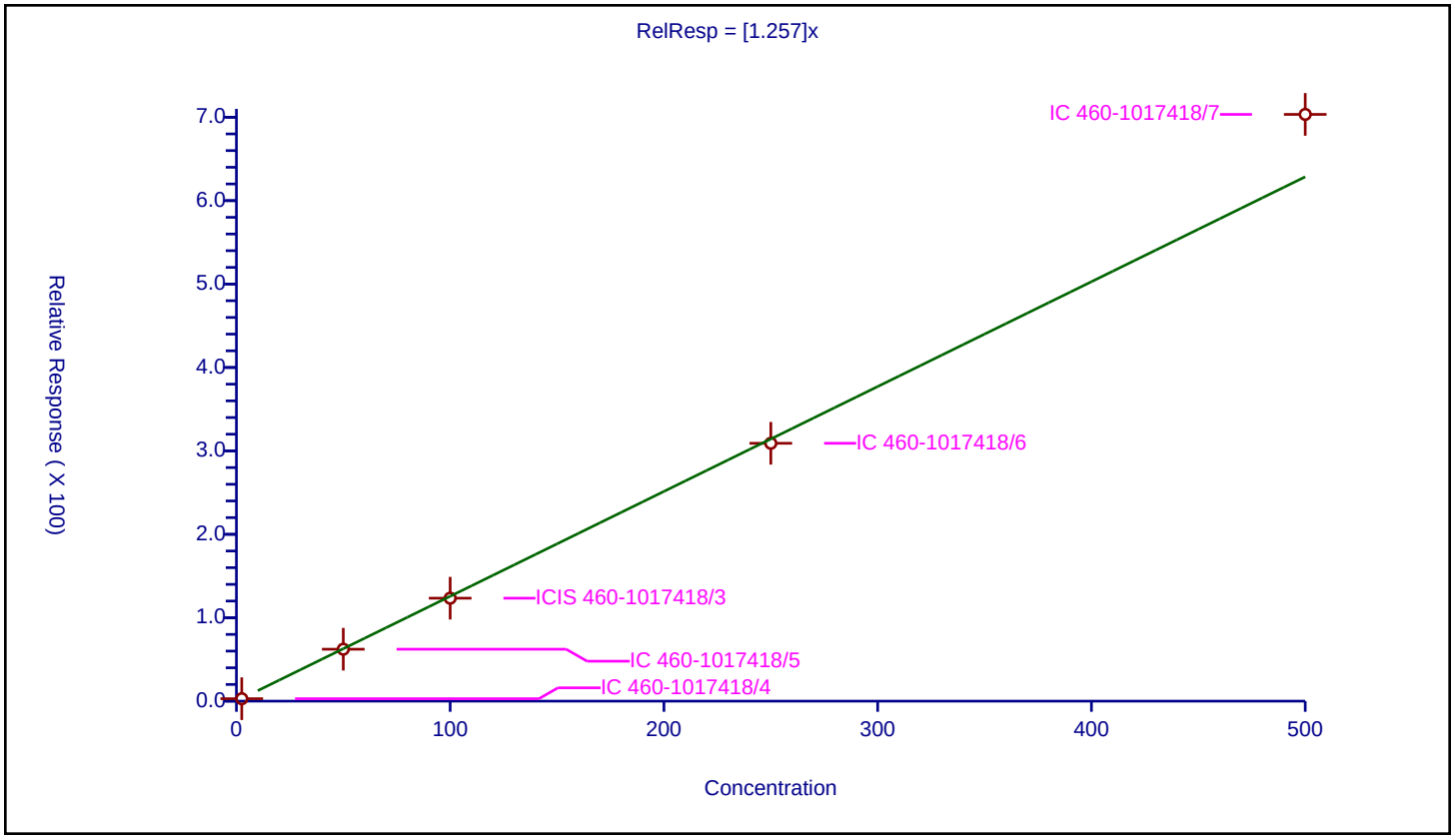
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.257 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 2.907427 | 100.0 | 47374775.0 | 1.162971 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 62.257579 | 100.0 | 54233399.0 | 1.245152 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 123.419534 | 100.0 | 53091646.0 | 1.234195 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 309.11276 | 100.0 | 54337741.0 | 1.236451 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 703.400919 | 100.0 | 40274228.0 | 1.406802 | Y |



## Calibration / Endosulfan II

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

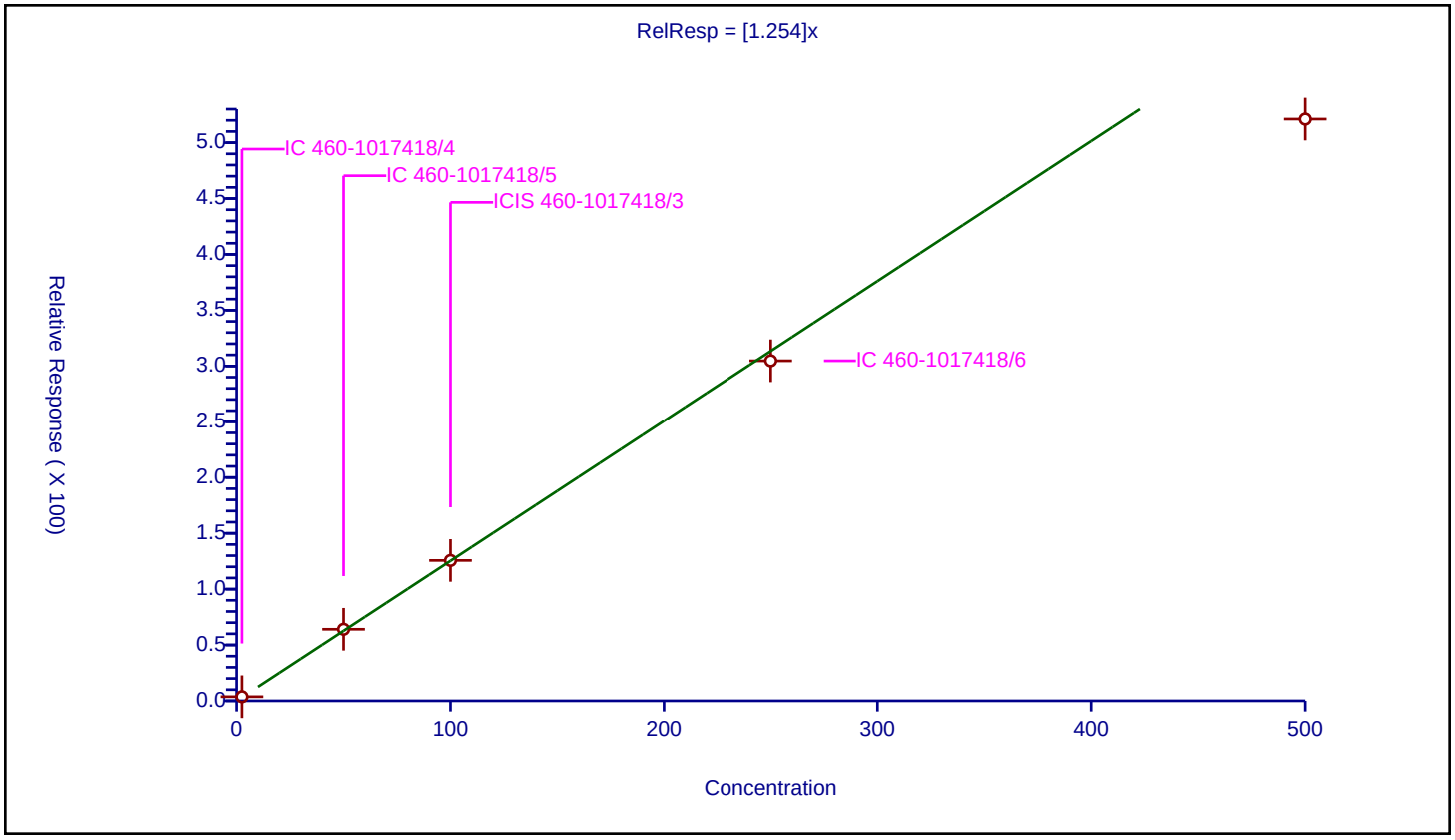
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.254 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.670768 | 100.0 | 47374775.0 | 1.468307 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 64.082391 | 100.0 | 54233399.0 | 1.281648 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 125.704509 | 100.0 | 53091646.0 | 1.257045 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 304.716293 | 100.0 | 54337741.0 | 1.218865 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 521.120013 | 100.0 | 40274228.0 | 1.04224 | Y |



## Calibration / 4,4'-DDT

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

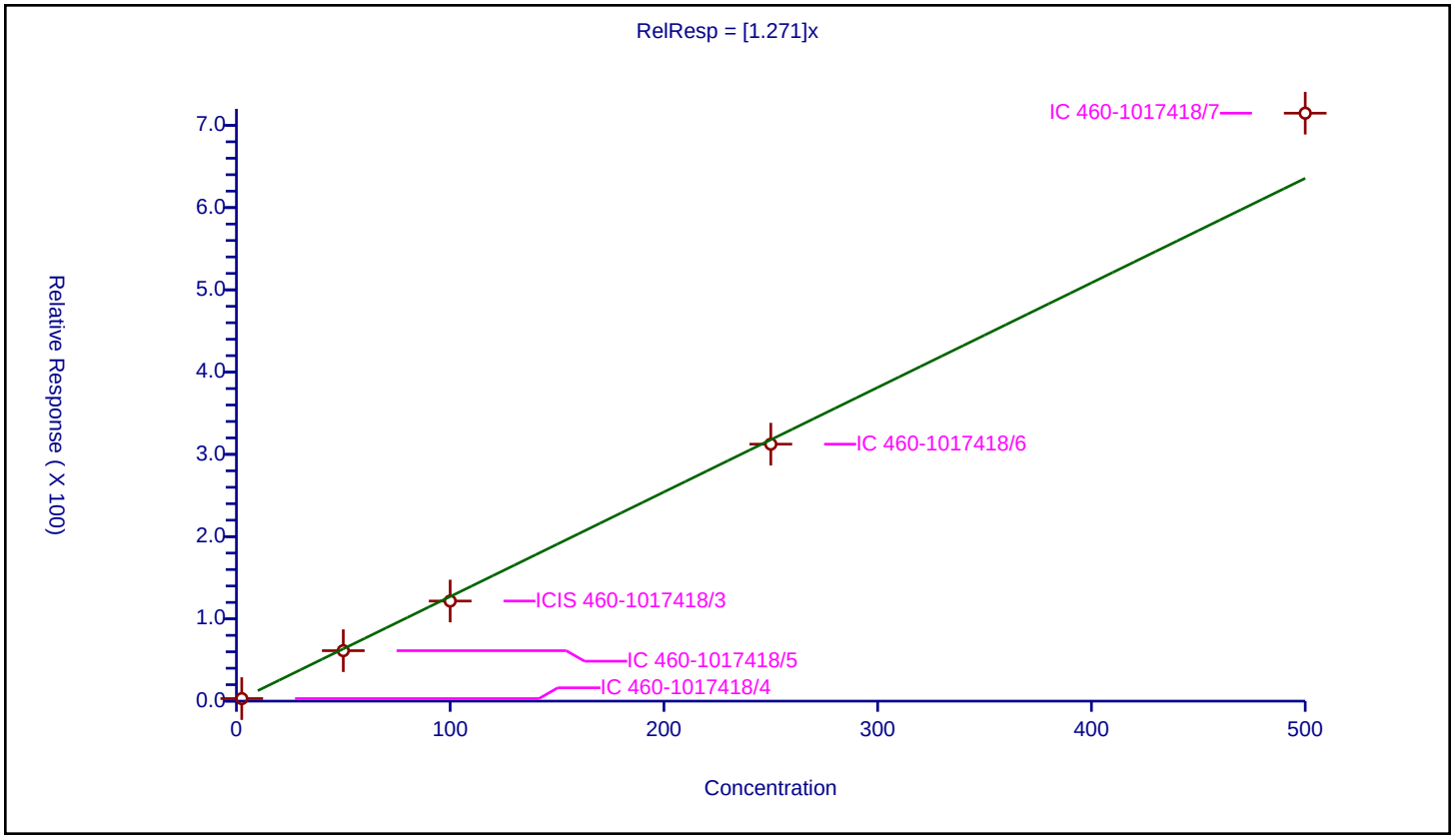
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.271 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.082102 | 100.0 | 47374775.0 | 1.232841 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 61.354043 | 100.0 | 54233399.0 | 1.227081 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 121.713009 | 100.0 | 53091646.0 | 1.21713 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 312.39966 | 100.0 | 54337741.0 | 1.249599 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 714.787871 | 100.0 | 40274228.0 | 1.429576 | Y |



## Calibration / Endrin aldehyde

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

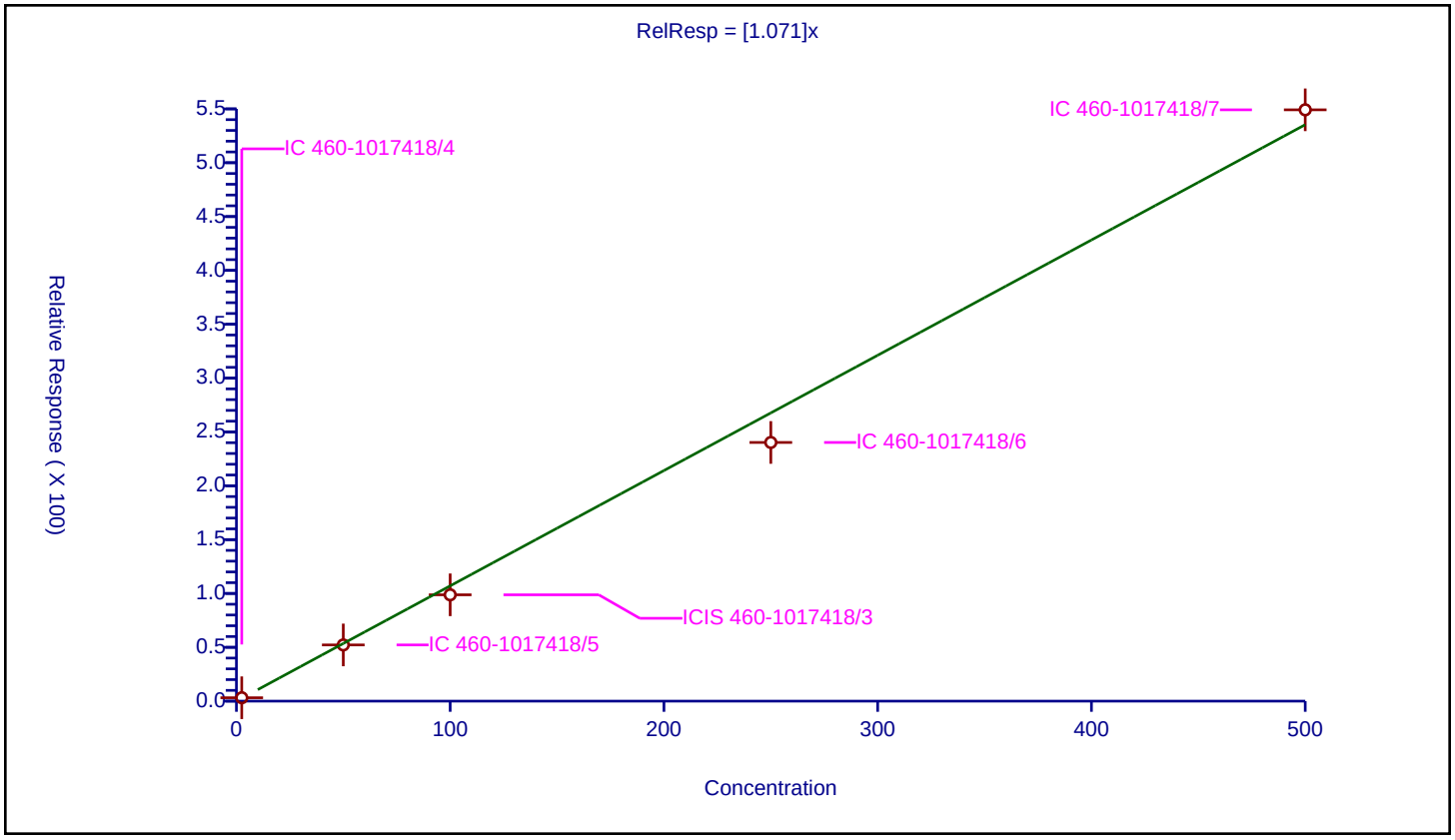
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.071 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.156243 | 100.0 | 47374775.0 | 1.262497 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 52.201899 | 100.0 | 54233399.0 | 1.044038 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 98.747903 | 100.0 | 53091646.0 | 0.987479 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 240.23431 | 100.0 | 54337741.0 | 0.960937 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 549.136763 | 100.0 | 40274228.0 | 1.098274 | Y |



## Calibration / Methoxychlor

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

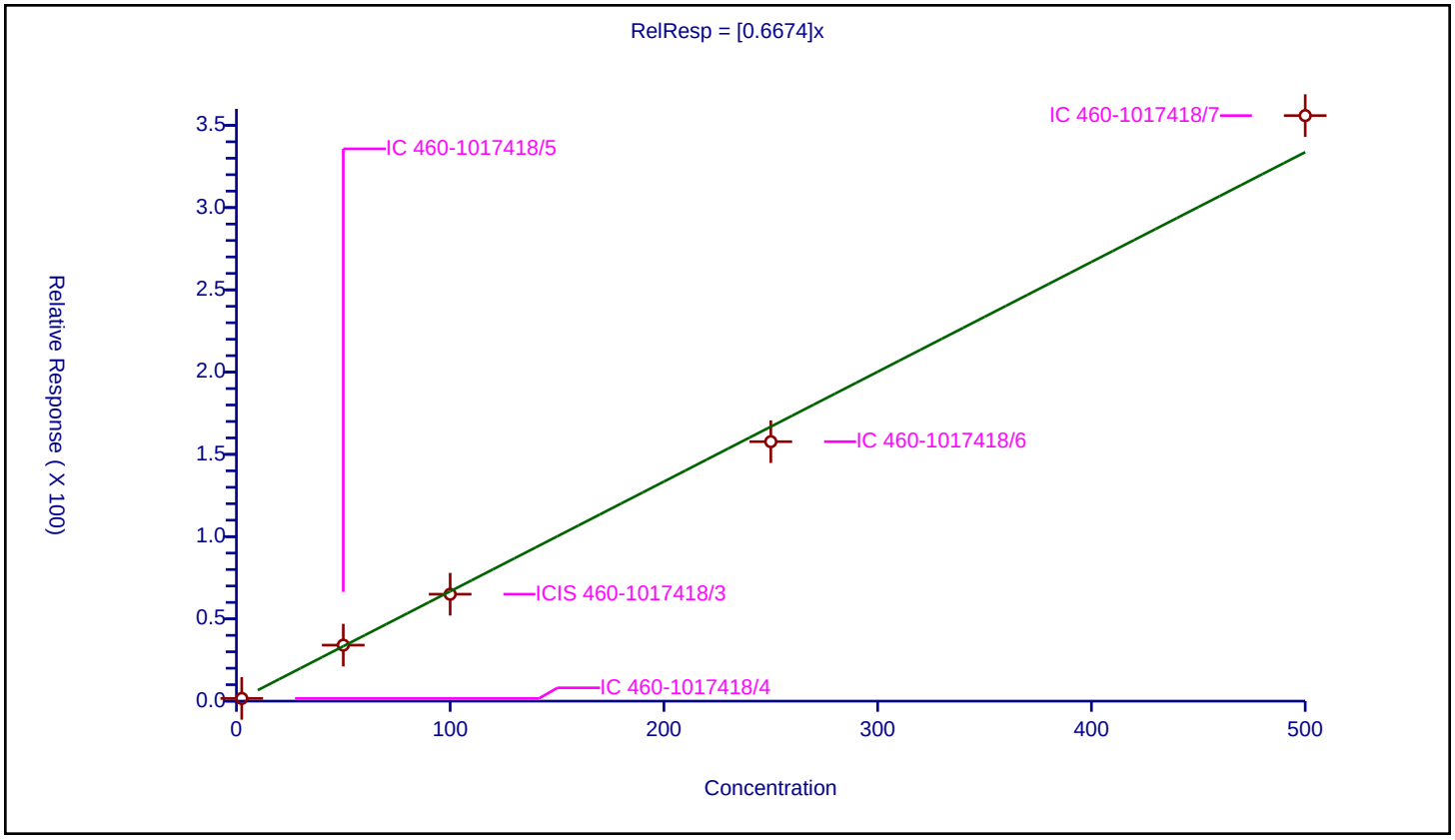
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6674 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 1.658963 | 100.0 | 47374775.0 | 0.663585 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 34.03142 | 100.0 | 54233399.0 | 0.680628 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 64.999946 | 100.0 | 53091646.0 | 0.649999 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 157.720843 | 100.0 | 54337741.0 | 0.630883 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 355.916247 | 100.0 | 40274228.0 | 0.711832 | Y |



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| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

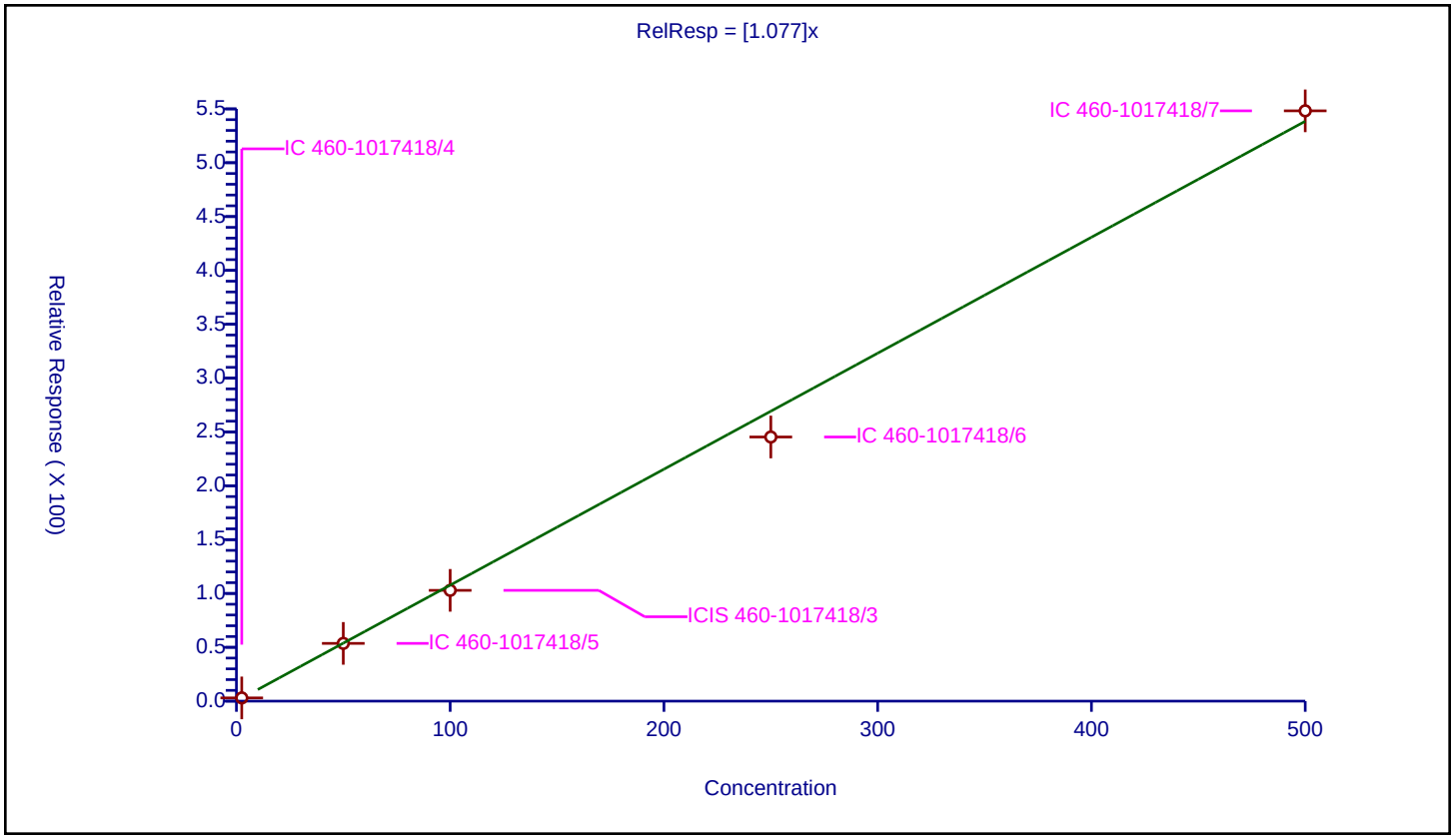
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.077 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 3.014229 | 100.0 | 47374775.0 | 1.205691 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 53.64802 | 100.0 | 54233399.0 | 1.07296 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 102.881346 | 100.0 | 53091646.0 | 1.028813 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 245.294375 | 100.0 | 54337741.0 | 0.981177 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 548.201805 | 100.0 | 40274228.0 | 1.096404 | Y |



## Calibration / Endosulfan sulfate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

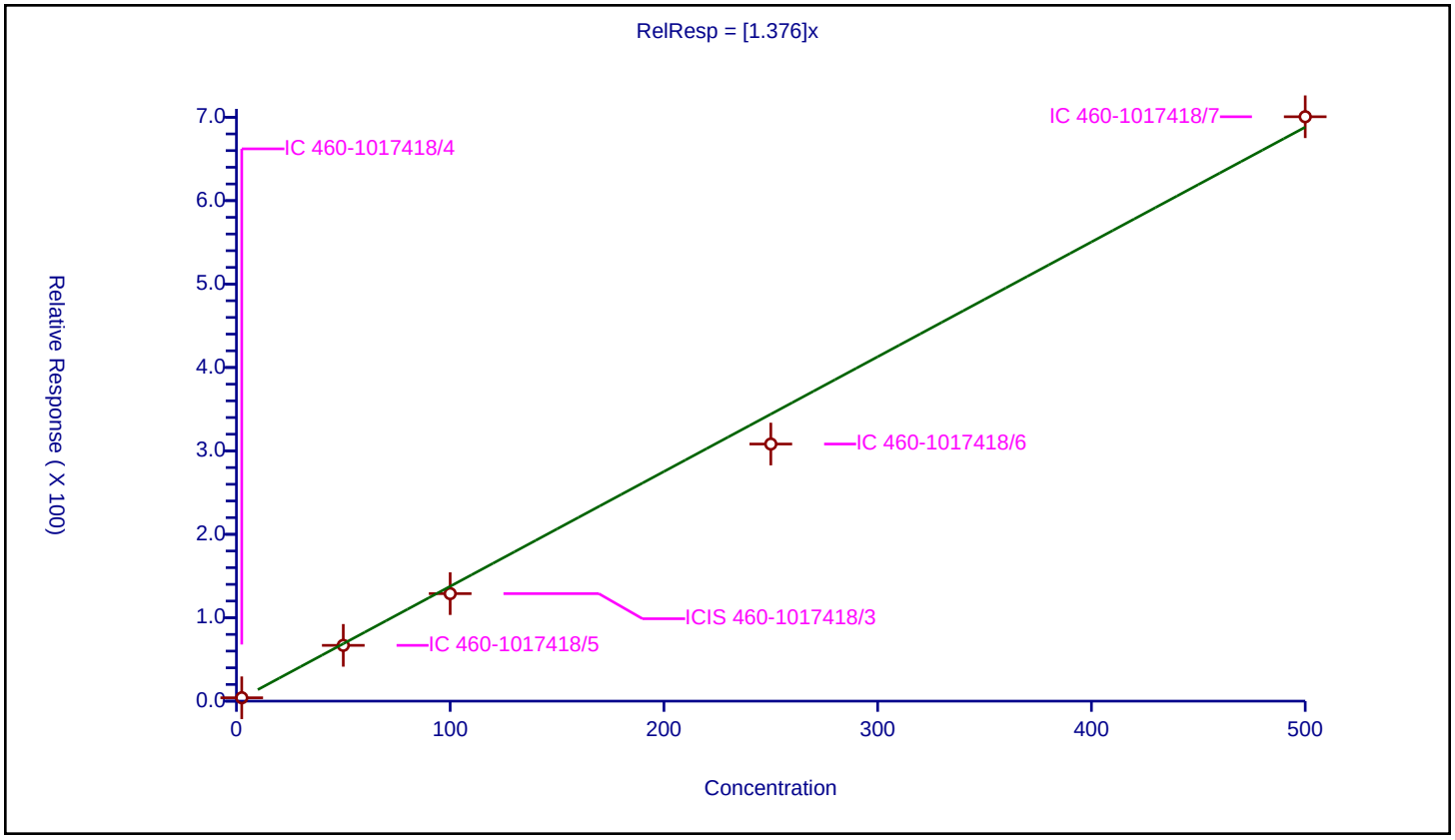
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.376 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.049978 | 100.0 | 47374775.0 | 1.619991 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 66.890349 | 100.0 | 54233399.0 | 1.337807 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 128.890882 | 100.0 | 53091646.0 | 1.288909 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 308.24673 | 100.0 | 54337741.0 | 1.232987 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 700.593002 | 100.0 | 40274228.0 | 1.401186 | Y |



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## Calibration / Endrin ketone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

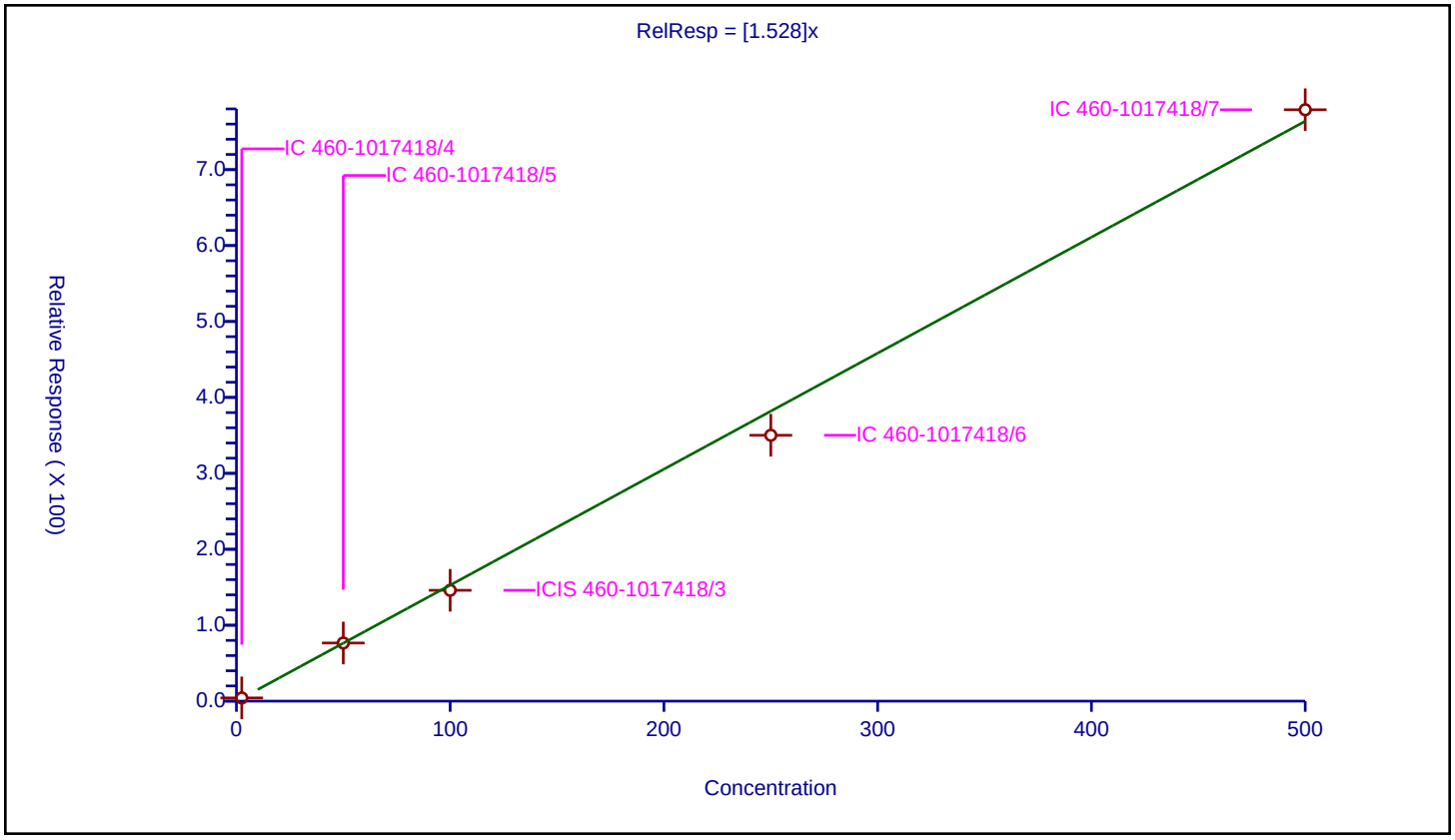
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.528 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 2.5 | 4.220516 | 100.0 | 47374775.0 | 1.688206 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 76.570065 | 100.0 | 54233399.0 | 1.531401 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 145.981658 | 100.0 | 53091646.0 | 1.459817 | Y |
| 4 | IC 460-1017418/6 | 250.0 | 350.159238 | 100.0 | 54337741.0 | 1.400637 | Y |
| 5 | IC 460-1017418/7 | 500.0 | 778.883151 | 100.0 | 40274228.0 | 1.557766 | Y |



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## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

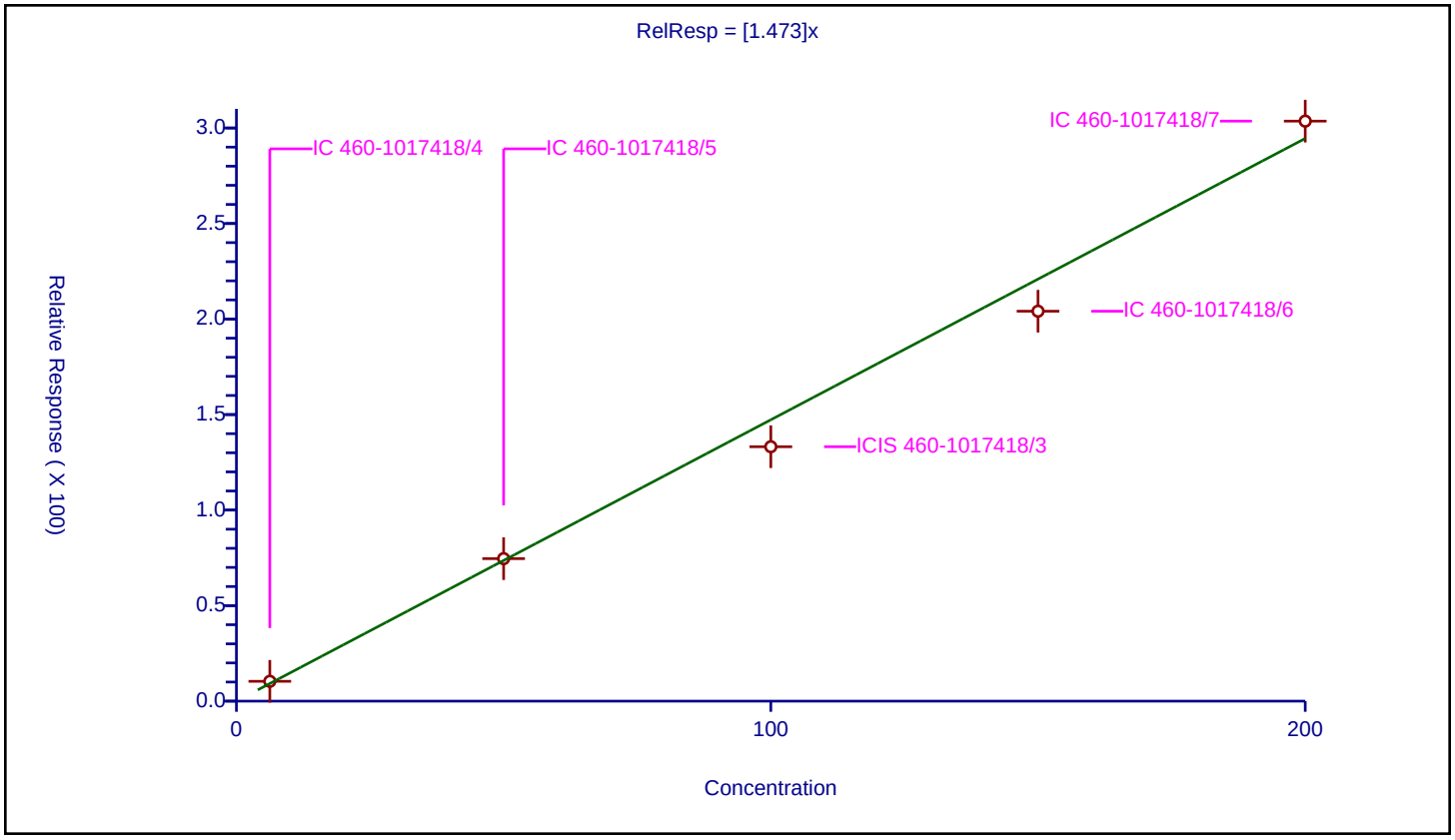
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.473 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017418/4 | 6.25 | 10.379897 | 100.0 | 47374775.0 | 1.660784 | Y |
| 2 | IC 460-1017418/5 | 50.0 | 74.597071 | 100.0 | 54233399.0 | 1.491941 | Y |
| 3 | ICIS 460-1017418/3 | 100.0 | 133.168275 | 100.0 | 53091646.0 | 1.331683 | Y |
| 4 | IC 460-1017418/6 | 150.0 | 204.109376 | 100.0 | 54337741.0 | 1.360729 | Y |
| 5 | IC 460-1017418/7 | 200.0 | 303.597492 | 100.0 | 40274228.0 | 1.517987 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017421

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 11:06 Calibration End Date: 01/21/2025 11:58 Calibration ID: 99923

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017421/1 | 5F0977425.D |
| Level 2 | IC 460-1017421/2 | 5F0977426.D |
| Level 3 | IC 460-1017421/3 | 5F0977427.D |
| Level 4 | IC 460-1017421/4 | 5F0977428.D |
| Level 5 | IC 460-1017421/5 | 5F0977429.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlordane (n.o.s.) | | | | | | None | | | | | | | | | | | |
| Chlordane (n.o.s.) Peak 1 | 0.0675 | 0.0613 | 0.0661 | 0.0632 | 0.0635 | Ave | | 0.0643 | | | | 3.8 | | 20.0 | | | |
| Chlordane (technical) Peak 1 | 0.0675 | 0.0613 | 0.0661 | 0.0632 | 0.0635 | Ave | | 0.0643 | | | | 3.8 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 2 | 0.0673 | 0.0644 | 0.0660 | 0.0623 | 0.0618 | Ave | | 0.0644 | | | | 3.7 | | 20.0 | | | |
| Chlordane (technical) Peak 2 | 0.0673 | 0.0644 | 0.0660 | 0.0623 | 0.0618 | Ave | | 0.0644 | | | | 3.7 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 3 | 0.2008 | 0.2121 | 0.2348 | 0.2250 | 0.2302 | Ave | | 0.2206 | | | | 6.3 | | 20.0 | | | |
| Chlordane (technical) Peak 3 | 0.2008 | 0.2121 | 0.2348 | 0.2250 | 0.2302 | Ave | | 0.2206 | | | | 6.3 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 4 | 0.2111 | 0.2304 | 0.2533 | 0.2428 | 0.2464 | Ave | | 0.2368 | | | | 7.0 | | 20.0 | | | |
| Chlordane (technical) Peak 4 | 0.2111 | 0.2304 | 0.2533 | 0.2428 | 0.2464 | Ave | | 0.2368 | | | | 7.0 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 5 | 0.1464 | 0.1580 | 0.1694 | 0.1645 | 0.1672 | Ave | | 0.1611 | | | | 5.8 | | 20.0 | | | |
| Chlordane (technical) Peak 5 | 0.1464 | 0.1580 | 0.1694 | 0.1645 | 0.1672 | Ave | | 0.1611 | | | | 5.8 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017421

SDG No.:

Instrument ID: CPESTGC5 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 11:06 | Calibration End Date: 01/21/2025 11:58 | Calibration ID: 99923

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017421/1 | 5F0977425.D |
| Level 2 | IC 460-1017421/2 | 5F0977426.D |
| Level 3 | IC 460-1017421/3 | 5F0977427.D |
| Level 4 | IC 460-1017421/4 | 5F0977428.D |
| Level 5 | IC 460-1017421/5 | 5F0977429.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlordane (n.o.s.) | BNB | None | | | | | | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 1 | BNB | Ave | 1262028 | 8015134 | 19304582 | 24255885 | 42651985 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 1 | BNB | Ave | 1262028 | 8015134 | 19304582 | 24255885 | 42651985 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 2 | BNB | Ave | 1258032 | 8414004 | 19266301 | 23897722 | 41515712 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 2 | BNB | Ave | 1258032 | 8414004 | 19266301 | 23897722 | 41515712 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 3 | BNB | Ave | 3753331 | 27727487 | 68535603 | 86283753 | 154621190 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 3 | BNB | Ave | 3753331 | 27727487 | 68535603 | 86283753 | 154621190 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 4 | BNB | Ave | 3945109 | 30125503 | 73936508 | 93115854 | 165556686 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 4 | BNB | Ave | 3945109 | 30125503 | 73936508 | 93115854 | 165556686 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 5 | BNB | Ave | 2736939 | 20663449 | 49462221 | 63084347 | 112338947 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 5 | BNB | Ave | 2736939 | 20663449 | 49462221 | 63084347 | 112338947 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:

Ave = Average ISTD
None = No Calib Curve

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977425.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 11:06:21 ALS Bottle#: 11 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-001
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:48 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 37385373 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 62201795 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | |
| 1 | 3.017 | 3.018 | -0.001 | 1262028 | 50.0 | 52.5 | |
| 1 | 3.713 | 3.714 | -0.001 | 1258032 | 50.0 | 52.3 | |
| 1 | 4.437 | 4.437 | 0.000 | 3753331 | 50.0 | 45.5 | |
| 1 | 4.554 | 4.554 | 0.000 | 3945109 | 50.0 | 44.6 | |
| 1 | 4.626 | 4.628 | -0.002 | 2736939 | 50.0 | 45.4 | |
| | | Average of Peak Amounts = | | | | 48.1 | |
| 2 | 2.859 | 2.861 | -0.002 | 2215261 | 50.0 | 53.7 | |
| 2 | 3.315 | 3.316 | -0.001 | 3238587 | 50.0 | 60.4 | |
| 2 | 3.745 | 3.746 | -0.001 | 1639720 | 50.0 | 50.9 | |
| 2 | 3.948 | 3.948 | 0.000 | 9297343 | 50.0 | 53.1 | |
| 2 | 4.074 | 4.075 | -0.001 | 16669093 | 50.0 | 54.8 | |
| | | Average of Peak Amounts = | | | | 54.6 | |
| | | | | | | RPD = 12.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 3.017 | 3.018 | -0.001 | 1262028 | 50.0 | 52.5 | |
| 1 | 3.713 | 3.714 | -0.001 | 1258032 | 50.0 | 52.3 | |
| 1 | 4.437 | 4.437 | 0.000 | 3753331 | 50.0 | 45.5 | |
| 1 | 4.554 | 4.554 | 0.000 | 3945109 | 50.0 | 44.6 | |
| 1 | 4.626 | 4.628 | -0.002 | 2736939 | 50.0 | 45.4 | |
| | | Average of Peak Amounts = | | | | 48.1 | |
| 2 | 2.859 | 2.861 | -0.002 | 2215261 | 50.0 | 53.7 | |
| 2 | 3.315 | 3.316 | -0.001 | 3238587 | 50.0 | 60.4 | |
| 2 | 3.745 | 3.746 | -0.001 | 1639720 | 50.0 | 50.9 | |
| 2 | 3.948 | 3.948 | 0.000 | 9297343 | 50.0 | 53.1 | |
| 2 | 4.074 | 4.075 | -0.001 | 16669093 | 50.0 | 54.8 | |
| | | Average of Peak Amounts = | | | | 54.6 | |
| | | | | | | RPD = 12.72 | |

## Reagents:

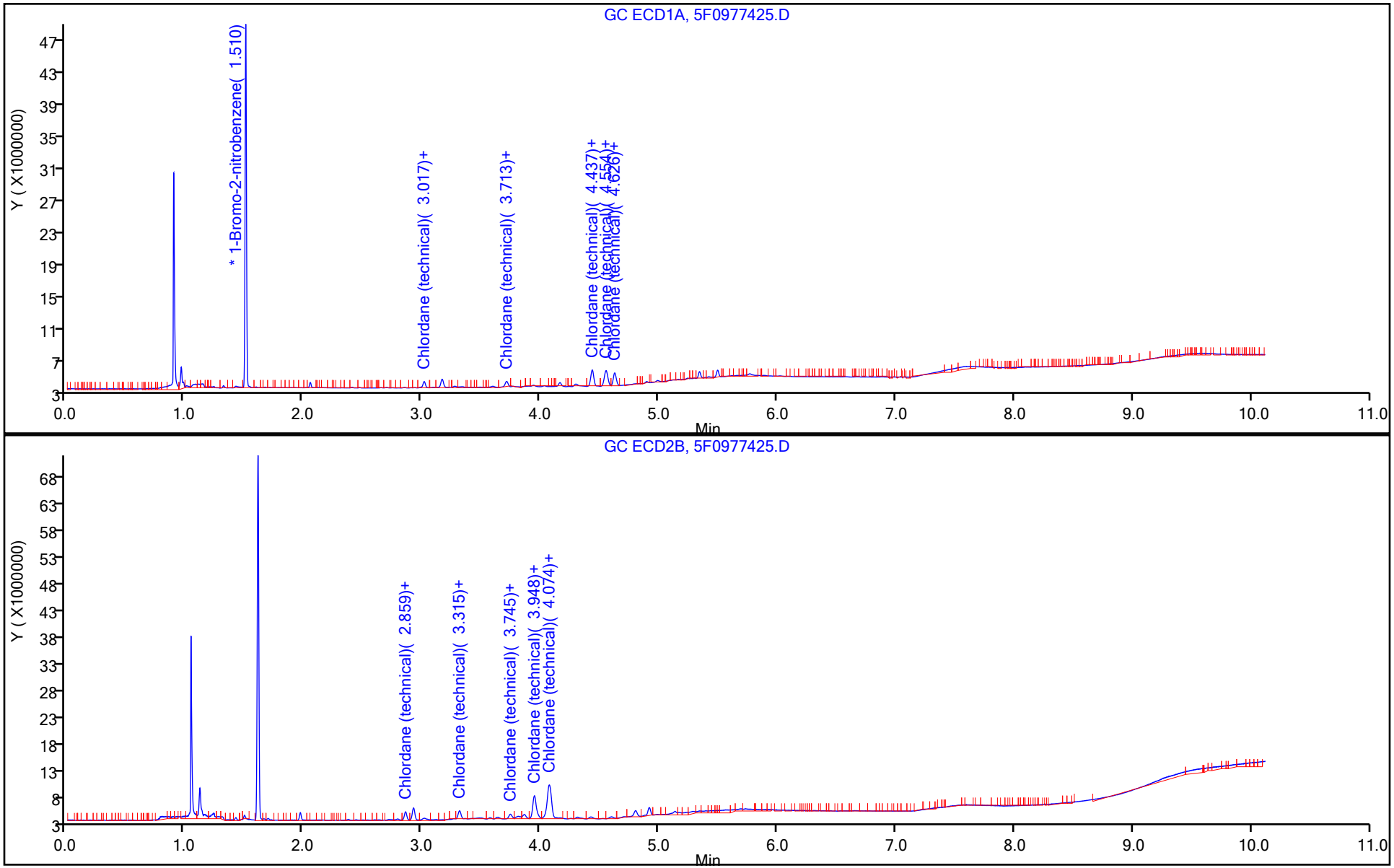
| | | | |
|---|---|---|---|
| SGCHLORDANEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:48 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977425.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:06:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jan-2025 11:19:21 ALS Bottle#: 12 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-002
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:51 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:03:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 26150018 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 44373689 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.017 | 3.018 | -0.001 | 8015134 | 500.0 | 476.4 | |
| 1 | 3.713 | 3.714 | -0.001 | 8414004 | 500.0 | 500.0 | M |
| 1 | 4.436 | 4.437 | -0.001 | 27727487 | 500.0 | 480.7 | M |
| 1 | 4.553 | 4.554 | -0.001 | 30125503 | 500.0 | 486.5 | M |
| 1 | 4.626 | 4.628 | -0.002 | 20663449 | 500.0 | 490.4 | M |
| | | Average of Peak Amounts = | | | | 486.8 | |
| 2 | 2.860 | 2.861 | -0.001 | 14557698 | 500.0 | 494.8 | M |
| 2 | 3.316 | 3.316 | 0.000 | 20406213 | 500.0 | 533.4 | M |
| 2 | 3.745 | 3.746 | -0.001 | 11607880 | 500.0 | 505.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 61806822 | 500.0 | 494.9 | M |
| 2 | 4.074 | 4.075 | -0.001 | 106754654 | 500.0 | 492.1 | M |
| | | Average of Peak Amounts = | | | | 504.0 | |
| | | | | | | RPD = 3.48 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.017 | 3.018 | -0.001 | 8015134 | 500.0 | 476.4 | |
| 1 | 3.713 | 3.714 | -0.001 | 8414004 | 500.0 | 500.0 | M |
| 1 | 4.436 | 4.437 | -0.001 | 27727487 | 500.0 | 480.7 | M |
| 1 | 4.553 | 4.554 | -0.001 | 30125503 | 500.0 | 486.5 | M |
| 1 | 4.626 | 4.628 | -0.002 | 20663449 | 500.0 | 490.4 | M |
| | | Average of Peak Amounts = | | | | 486.8 | |
| 2 | 2.860 | 2.861 | -0.001 | 14557698 | 500.0 | 494.8 | M |
| 2 | 3.316 | 3.316 | 0.000 | 20406213 | 500.0 | 533.4 | M |
| 2 | 3.745 | 3.746 | -0.001 | 11607880 | 500.0 | 505.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 61806822 | 500.0 | 494.9 | M |
| 2 | 4.074 | 4.075 | -0.001 | 106754654 | 500.0 | 492.1 | M |
| | | Average of Peak Amounts = | | | | 504.0 | |
| | | | | | | RPD = 3.48 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

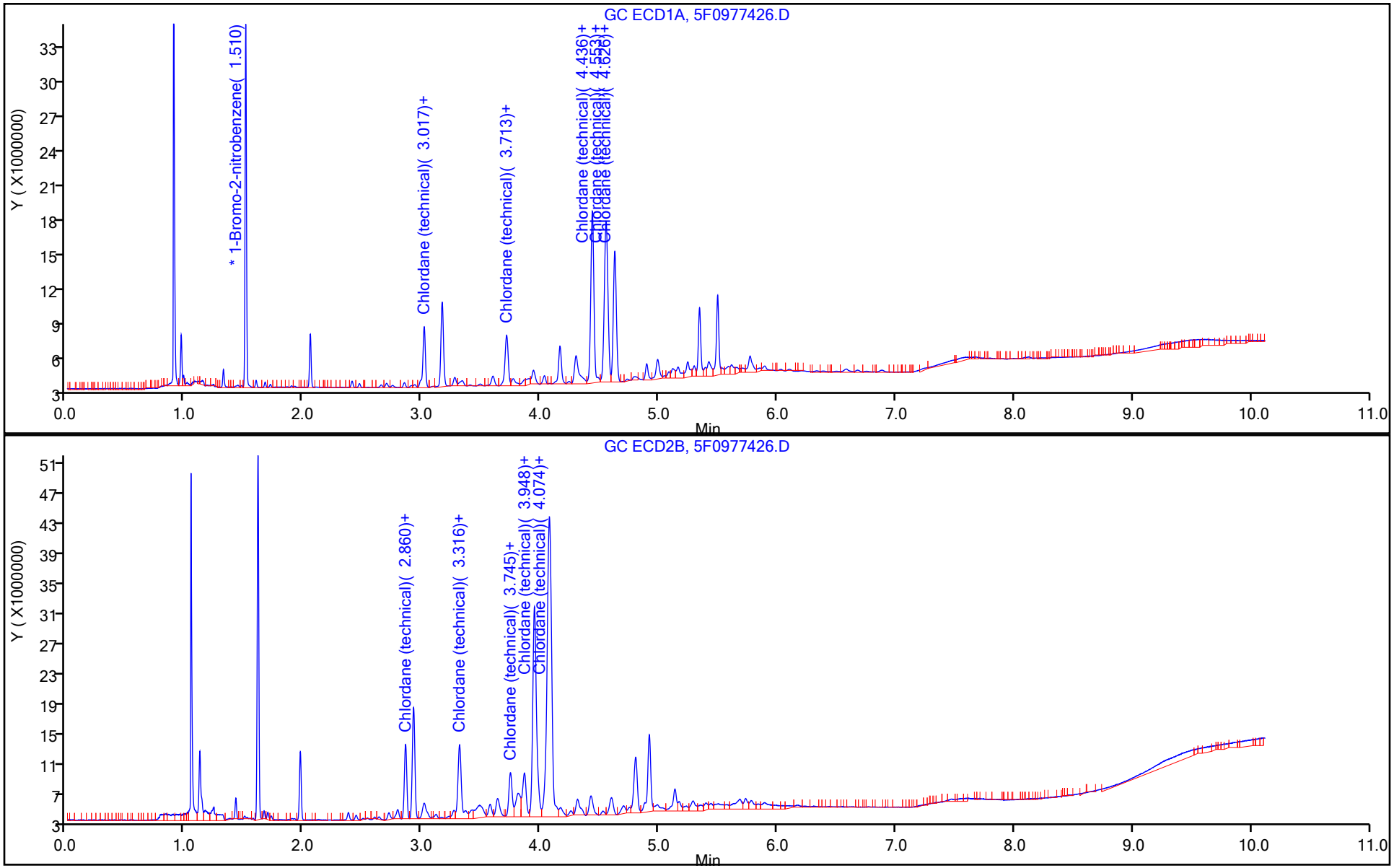
| | | | |
|---|---|---|---|
| SGCHLORDANEL3_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:19:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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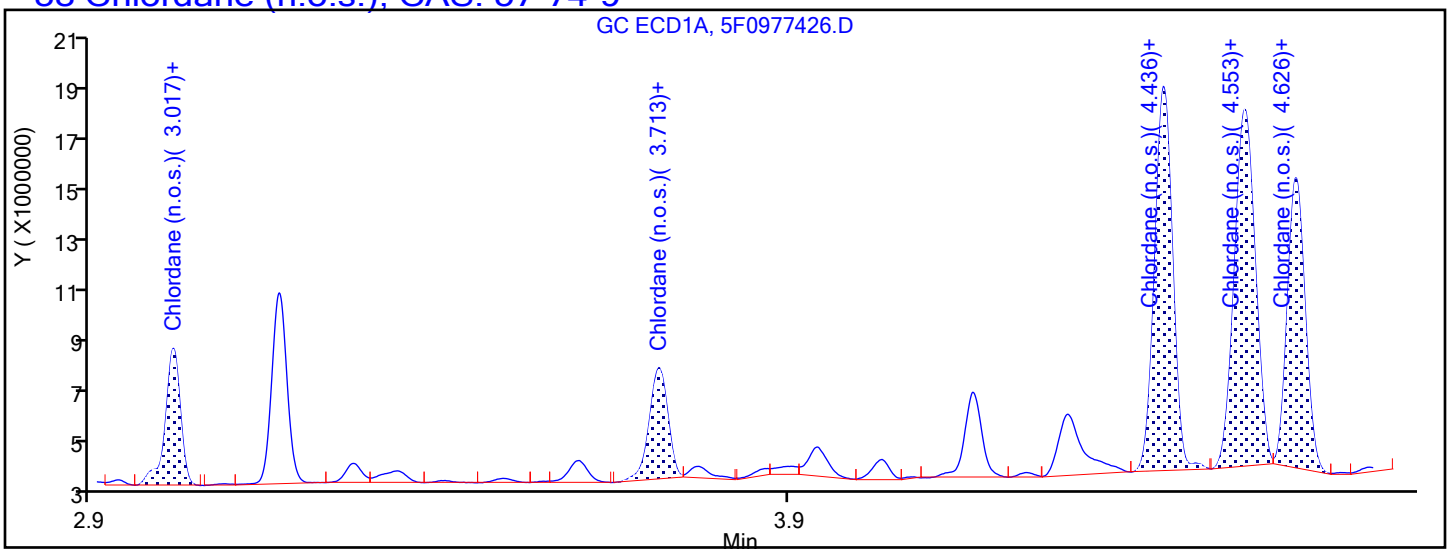
Report Date: 22-Jan-2025 03:45:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

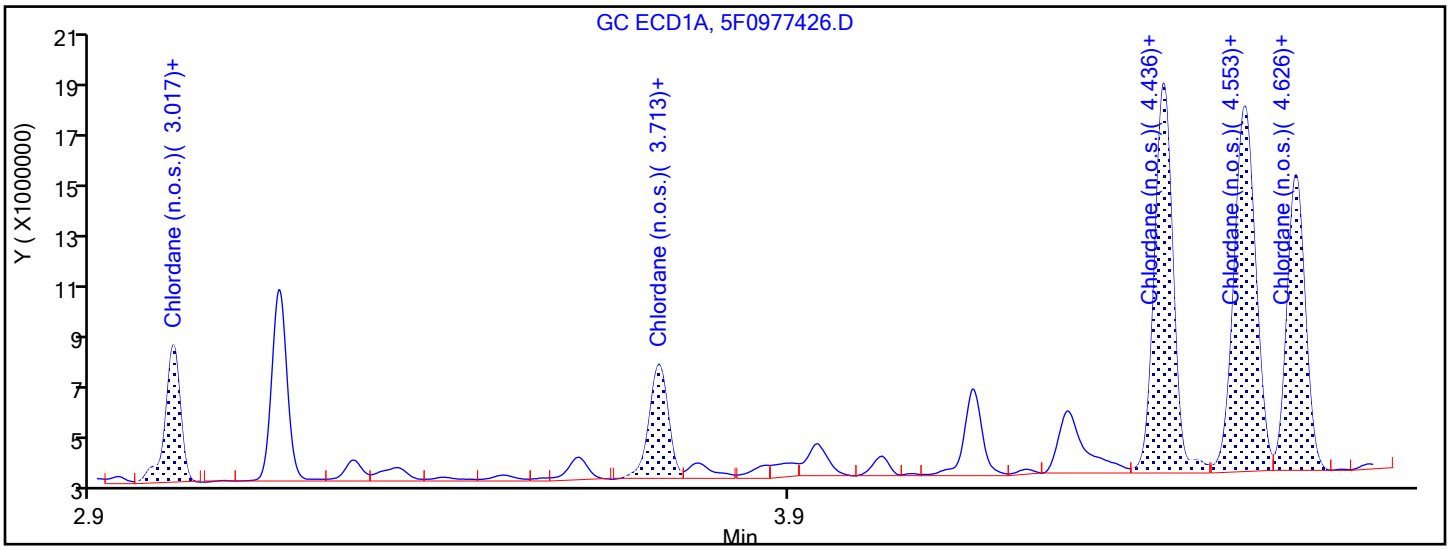
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D
Injection Date: 21-Jan-2025 11:19:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.017 | Response = 8015134 |
| 3.713 | Response = 7907481 |
| 4.436 | Response = 26382165 |
| 4.553 | Response = 28465614 |
| 4.626 | Response = 19658629 |




Manual Integration Results

| | | |
|---|---|---|
| 3.017 | Response = 8015134 | |
| 3.713 | Response = 8414004 | M |
| 4.436 | Response = 27727487 | M |
| 4.553 | Response = 30125503 | M |
| 4.626 | Response = 20663449 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jan-2025 11:32:22 ALS Bottle#: 13 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:54 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:03:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 29190565 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.614 | 0.000 | 49331926 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 19304582 | 1000.0 | 1027.9 | M |
| 1 | 3.714 | 3.714 | 0.000 | 19266301 | 1000.0 | 1025.6 | M |
| 1 | 4.437 | 4.437 | 0.000 | 68535603 | 1000.0 | 1064.5 | M |
| 1 | 4.554 | 4.554 | 0.000 | 73936508 | 1000.0 | 1069.7 | M |
| 1 | 4.628 | 4.628 | 0.000 | 49462221 | 1000.0 | 1051.7 | M |
| | | Average of Peak Amounts = | | | | 1047.9 | |
| 2 | 2.861 | 2.861 | 0.000 | 33505913 | 1000.0 | 1024.5 | M |
| 2 | 3.316 | 3.316 | 0.000 | 40822585 | 1000.0 | 959.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 26204661 | 1000.0 | 1025.5 | M |
| 2 | 3.948 | 3.948 | 0.000 | 142562180 | 1000.0 | 1026.7 | M |
| 2 | 4.075 | 4.075 | 0.000 | 245404253 | 1000.0 | 1017.6 | M |
| | | Average of Peak Amounts = | | | | 1010.8 | |
| | | | | | | RPD = 3.60 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 19304582 | 1000.0 | 1027.9 | M |
| 1 | 3.714 | 3.714 | 0.000 | 19266301 | 1000.0 | 1025.6 | M |
| 1 | 4.437 | 4.437 | 0.000 | 68535603 | 1000.0 | 1064.5 | M |
| 1 | 4.554 | 4.554 | 0.000 | 73936508 | 1000.0 | 1069.7 | M |
| 1 | 4.628 | 4.628 | 0.000 | 49462221 | 1000.0 | 1051.7 | M |
| | | Average of Peak Amounts = | | | | 1047.9 | |
| 2 | 2.861 | 2.861 | 0.000 | 33505913 | 1000.0 | 1024.5 | M |
| 2 | 3.316 | 3.316 | 0.000 | 40822585 | 1000.0 | 959.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 26204661 | 1000.0 | 1025.5 | M |
| 2 | 3.948 | 3.948 | 0.000 | 142562180 | 1000.0 | 1026.7 | M |
| 2 | 4.075 | 4.075 | 0.000 | 245404253 | 1000.0 | 1017.6 | M |
| | | Average of Peak Amounts = | | | | 1010.8 | |
| | | | | | | RPD = 3.60 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

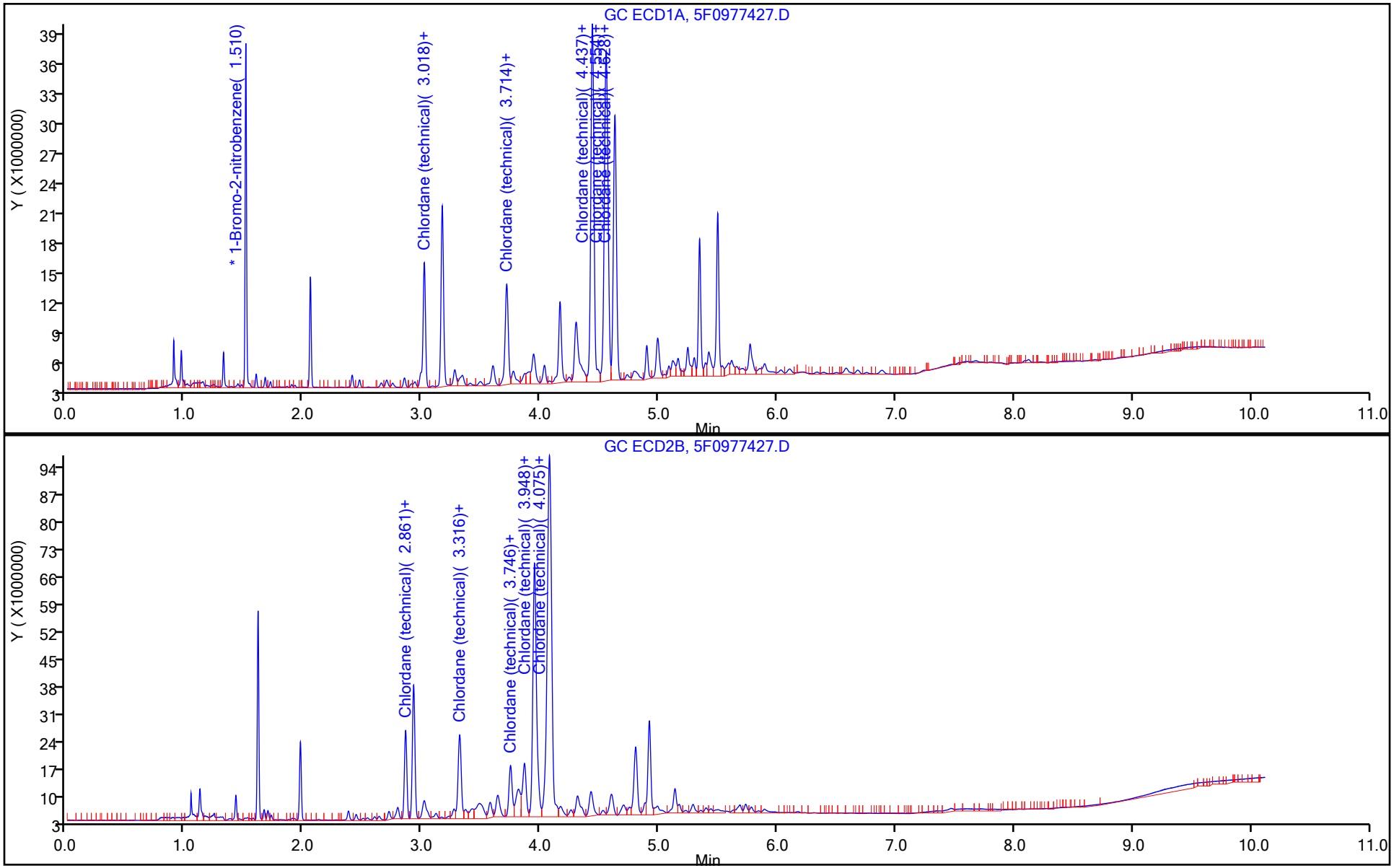
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:55 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:32:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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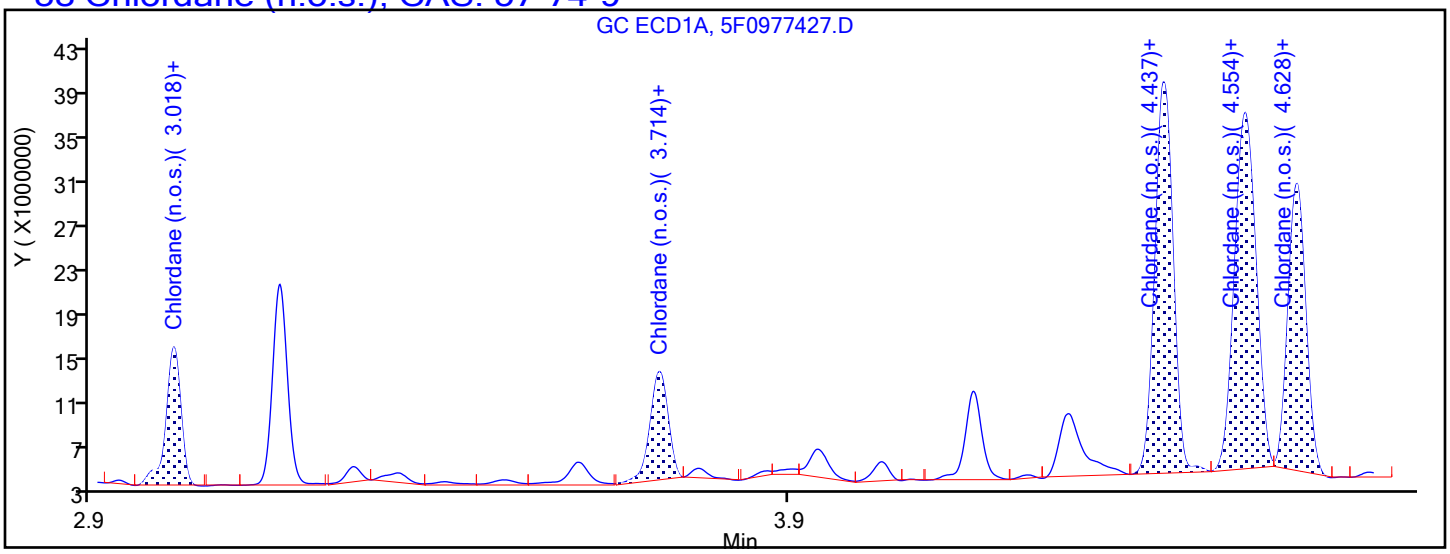
Report Date: 22-Jan-2025 03:45:55 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

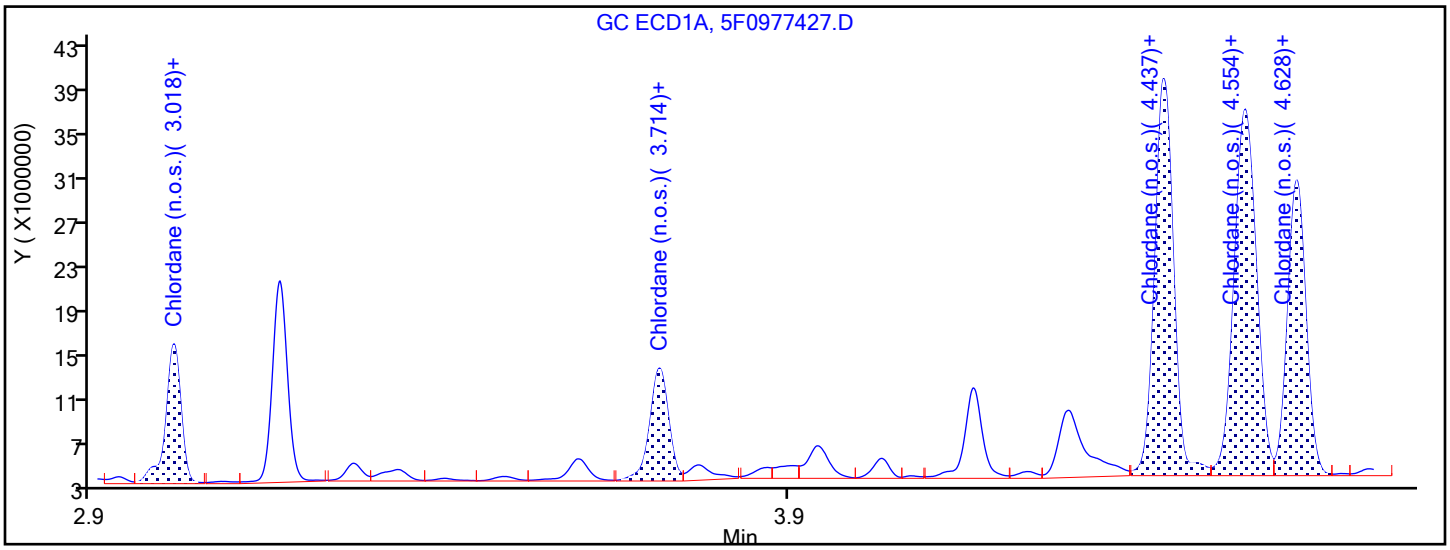
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D
Injection Date: 21-Jan-2025 11:32:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.018 | Response = 19102857 |
| 3.714 | Response = 17583237 |
| 4.437 | Response = 64349498 |
| 4.554 | Response = 69226952 |
| 4.628 | Response = 46762934 |




Manual Integration Results

| | | |
|---|---|---|
| 3.018 | Response = 19304582 | M |
| 3.714 | Response = 19266301 | M |
| 4.437 | Response = 68535603 | M |
| 4.554 | Response = 73936508 | M |
| 4.628 | Response = 49462221 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:19 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 11:45:27 ALS Bottle#: 14 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:58 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 25568890 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 43183006 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 24255885 | 1500.0 | 1474.5 | M |
| 1 | 3.714 | 3.714 | 0.000 | 23897722 | 1500.0 | 1452.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 86283753 | 1500.0 | 1530.0 | M |
| 1 | 4.555 | 4.554 | 0.001 | 93115854 | 1500.0 | 1537.9 | M |
| 1 | 4.629 | 4.628 | 0.001 | 63084347 | 1500.0 | 1531.3 | M |
| | | Average of Peak Amounts = | | | | 1505.2 | |
| 2 | 2.860 | 2.861 | -0.001 | 41567490 | 1500.0 | 1451.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 50330713 | 1500.0 | 1351.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 33014264 | 1500.0 | 1475.9 | M |
| 2 | 3.949 | 3.948 | 0.001 | 177353893 | 1500.0 | 1459.2 | M |
| 2 | 4.074 | 4.075 | -0.001 | 305565421 | 1500.0 | 1447.4 | M |
| | | Average of Peak Amounts = | | | | 1437.2 | |
| | | | | | | RPD = 4.62 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 24255885 | 1500.0 | 1474.5 | M |
| 1 | 3.714 | 3.714 | 0.000 | 23897722 | 1500.0 | 1452.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 86283753 | 1500.0 | 1530.0 | M |
| 1 | 4.555 | 4.554 | 0.001 | 93115854 | 1500.0 | 1537.9 | M |
| 1 | 4.629 | 4.628 | 0.001 | 63084347 | 1500.0 | 1531.3 | M |
| | | Average of Peak Amounts = | | | | 1505.2 | |
| 2 | 2.860 | 2.861 | -0.001 | 41567490 | 1500.0 | 1451.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 50330713 | 1500.0 | 1351.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 33014264 | 1500.0 | 1475.9 | M |
| 2 | 3.949 | 3.948 | 0.001 | 177353893 | 1500.0 | 1459.2 | M |
| 2 | 4.074 | 4.075 | -0.001 | 305565421 | 1500.0 | 1447.4 | M |
| | | Average of Peak Amounts = | | | | 1437.2 | |
| | | | | | | RPD = 4.62 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

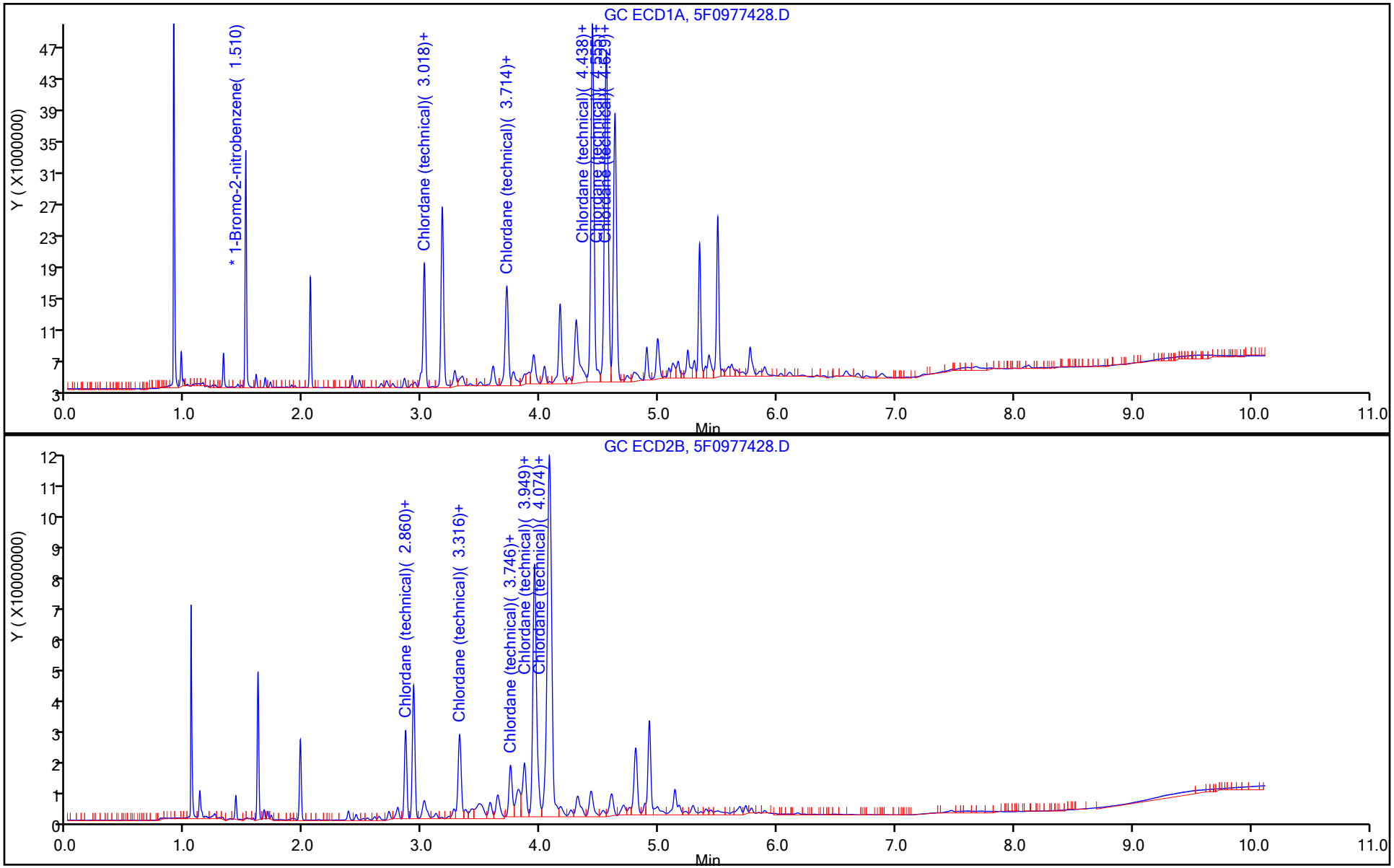
| | | | |
|---|---|---|---|
| SGCHLORDANEL5_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:45:27 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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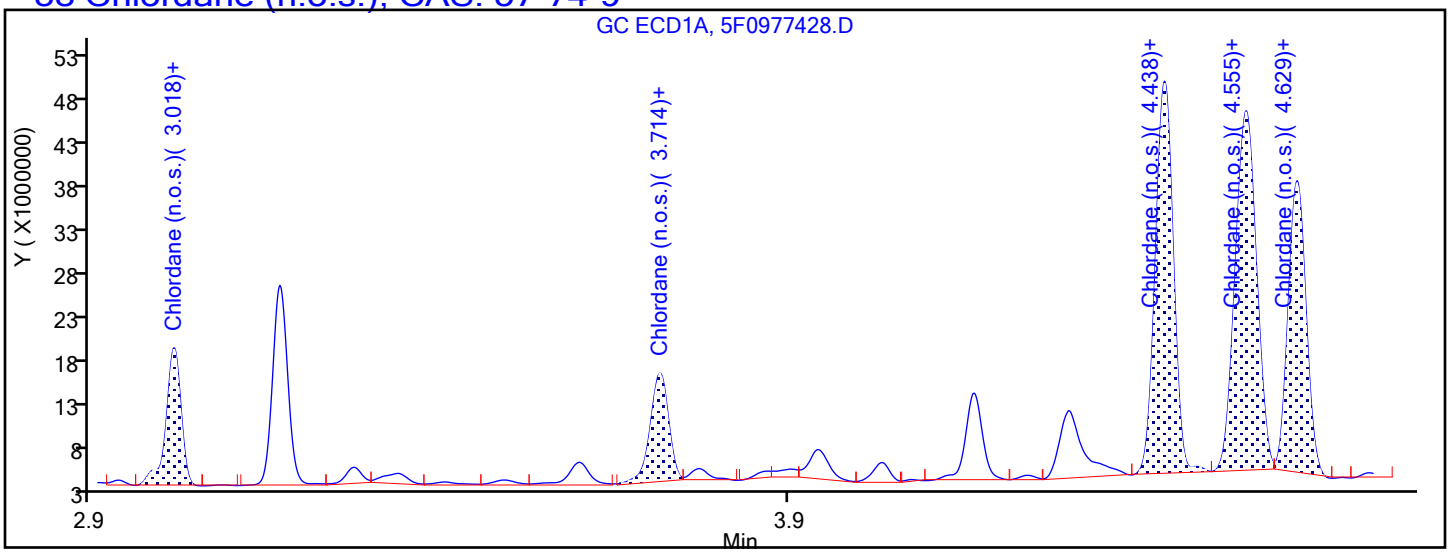
Report Date: 22-Jan-2025 03:45:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

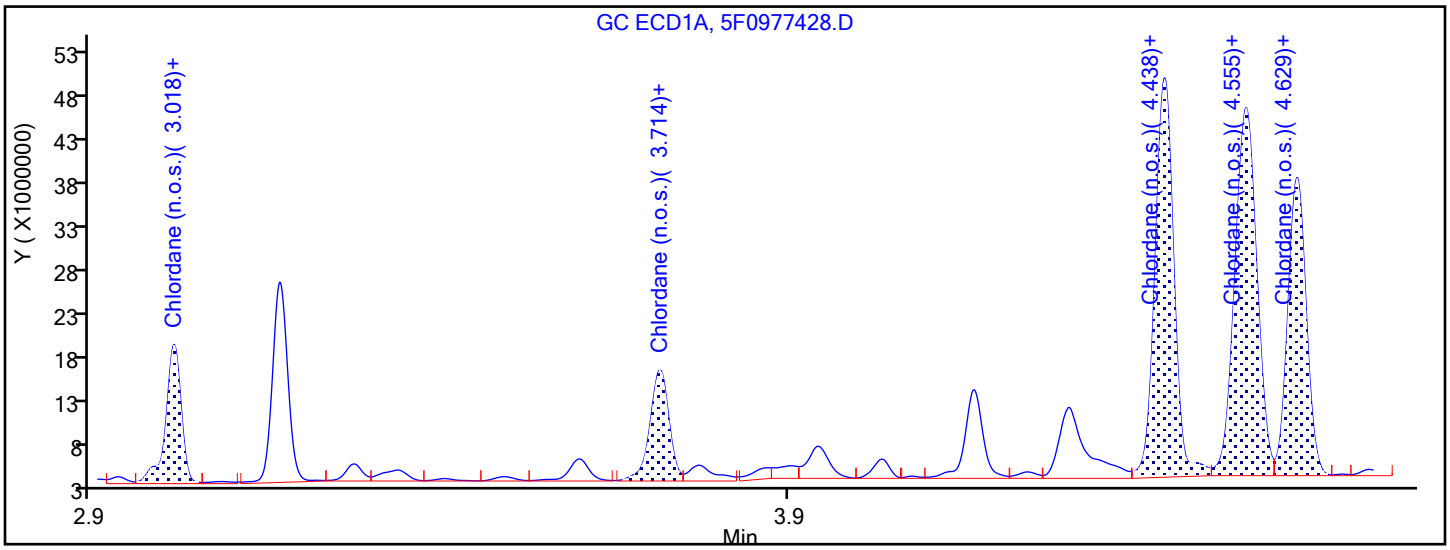
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D
Injection Date: 21-Jan-2025 11:45:27 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.018 | Response = 24032613 |
| 3.714 | Response = 22199681 |
| 4.438 | Response = 80762725 |
| 4.555 | Response = 86880126 |
| 4.629 | Response = 59418063 |




Manual Integration Results

| | | |
|---|---|---|
| 3.018 | Response = 24255885 | M |
| 3.714 | Response = 23897722 | M |
| 4.438 | Response = 86283753 | M |
| 4.555 | Response = 93115854 | M |
| 4.629 | Response = 63084347 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 11:58:24 ALS Bottle#: 15 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:46:02 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 26870646 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 45710930 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 42651985 | 2500.0 | 2467.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 41515712 | 2500.0 | 2400.9 | M |
| 1 | 4.438 | 4.437 | 0.001 | 154621190 | 2500.0 | 2609.0 | M |
| 1 | 4.554 | 4.554 | 0.000 | 165556686 | 2500.0 | 2601.9 | M |
| 1 | 4.628 | 4.628 | 0.000 | 112338947 | 2500.0 | 2594.8 | M |
| | | Average of Peak Amounts = | | | | 2534.7 | |
| 2 | 2.860 | 2.861 | -0.001 | 71486722 | 2500.0 | 2358.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 85171750 | 2500.0 | 2161.1 | M |
| 2 | 3.746 | 3.746 | 0.000 | 56995306 | 2500.0 | 2407.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 305128643 | 2500.0 | 2371.6 | M |
| 2 | 4.075 | 4.075 | 0.000 | 523430863 | 2500.0 | 2342.3 | M |
| | | Average of Peak Amounts = | | | | 2328.2 | |
| | | | | | | RPD = 8.49 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 42651985 | 2500.0 | 2467.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 41515712 | 2500.0 | 2400.9 | M |
| 1 | 4.438 | 4.437 | 0.001 | 154621190 | 2500.0 | 2609.0 | M |
| 1 | 4.554 | 4.554 | 0.000 | 165556686 | 2500.0 | 2601.9 | M |
| 1 | 4.628 | 4.628 | 0.000 | 112338947 | 2500.0 | 2594.8 | M |
| | | Average of Peak Amounts = | | | | 2534.7 | |
| 2 | 2.860 | 2.861 | -0.001 | 71486722 | 2500.0 | 2358.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 85171750 | 2500.0 | 2161.1 | M |
| 2 | 3.746 | 3.746 | 0.000 | 56995306 | 2500.0 | 2407.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 305128643 | 2500.0 | 2371.6 | M |
| 2 | 4.075 | 4.075 | 0.000 | 523430863 | 2500.0 | 2342.3 | M |
| | | Average of Peak Amounts = | | | | 2328.2 | |
| | | | | | RPD = | 8.49 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

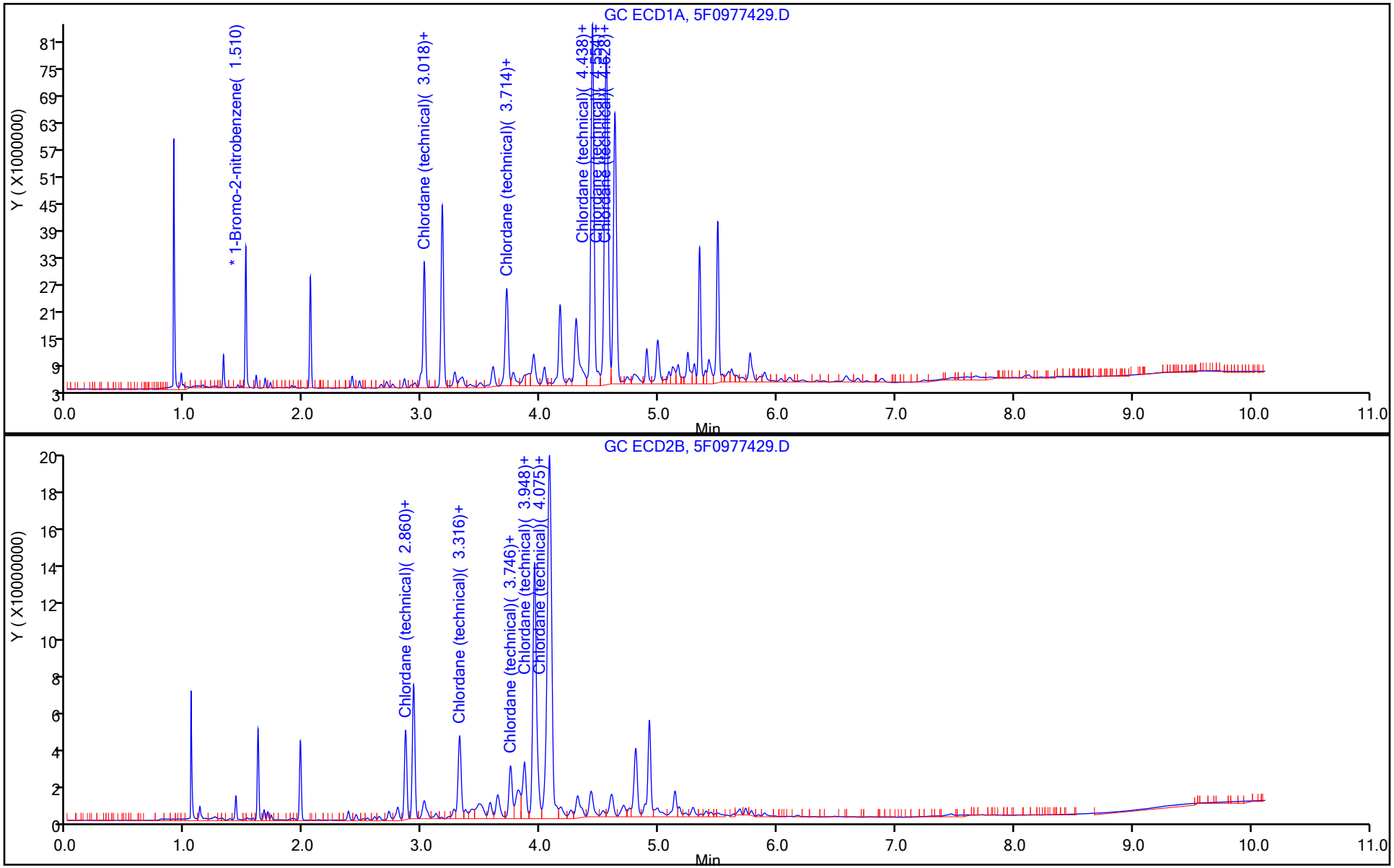
| | | | |
|---|---|---|---|
| SGCHLORDANEL6_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:46:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:58:24 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





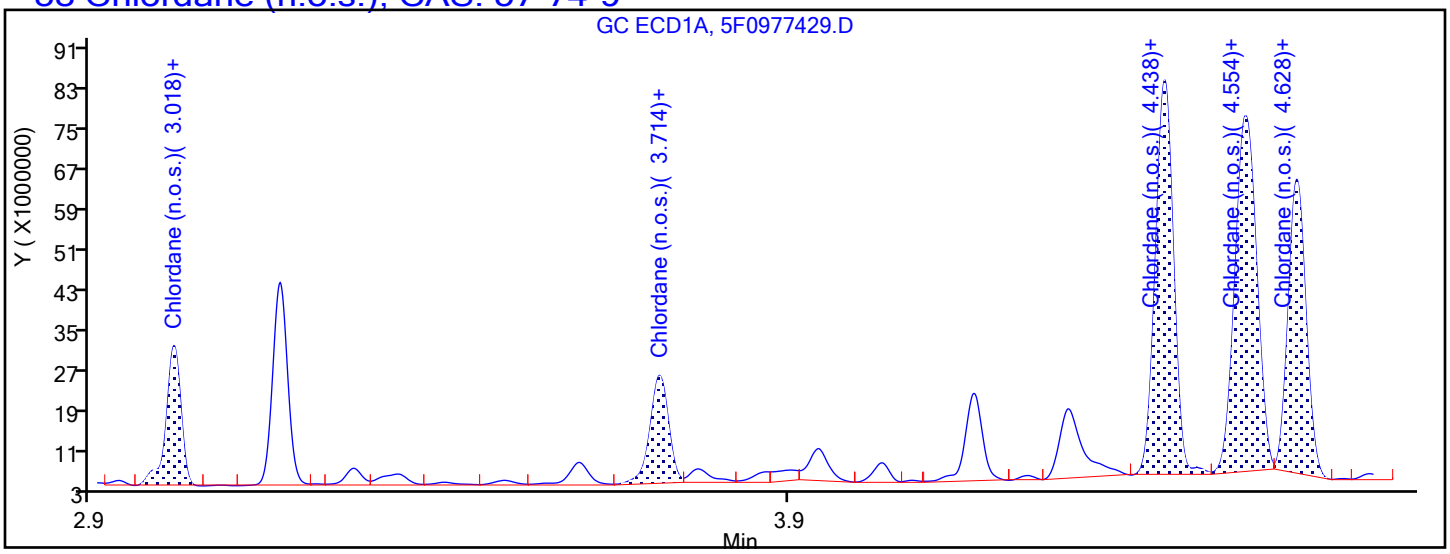

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:46:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

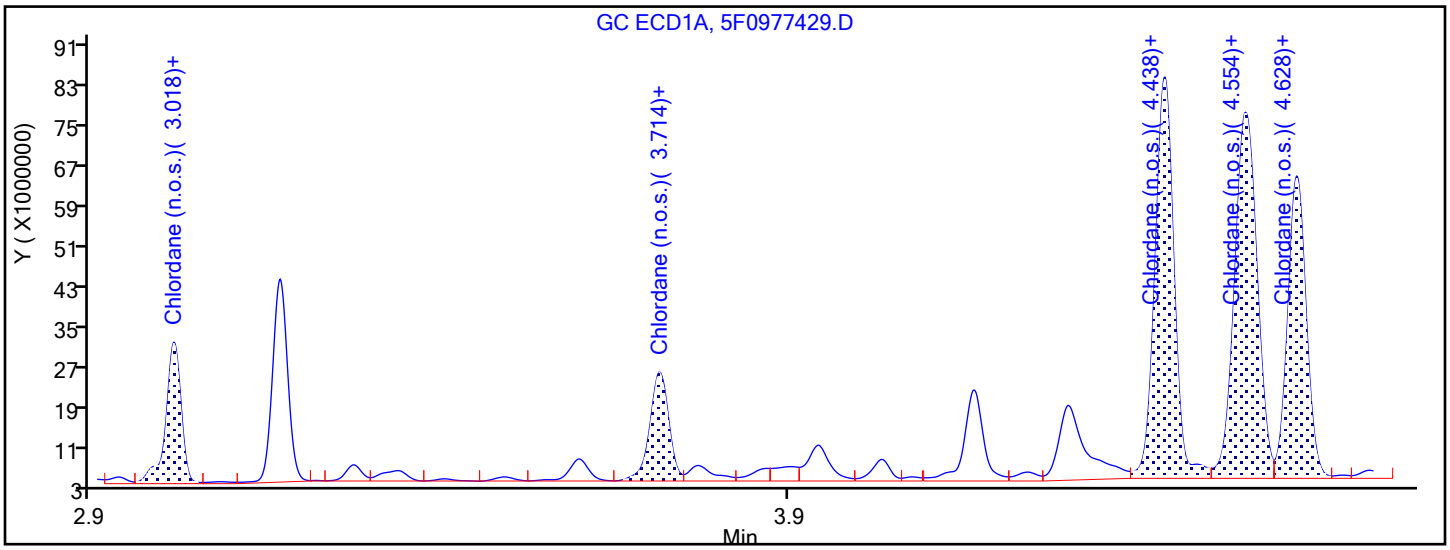
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D
Injection Date: 21-Jan-2025 11:58:24 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.018 | Response = 42593459 |
| 3.714 | Response = 40657946 |
| 4.438 | Response = 142520447 |
| 4.554 | Response = 152821291 |
| 4.628 | Response = 104089846 |




Manual Integration Results

| | | |
|---|---|---|
| 3.018 | Response = 42651985 | M |
| 3.714 | Response = 41515712 | M |
| 4.438 | Response = 154621190 | M |
| 4.554 | Response = 165556686 | M |
| 4.628 | Response = 112338947 | M |

Reviewer: ESS0, 22-Jan-2025 03:04:08 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Chlordane (n.o.s.) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

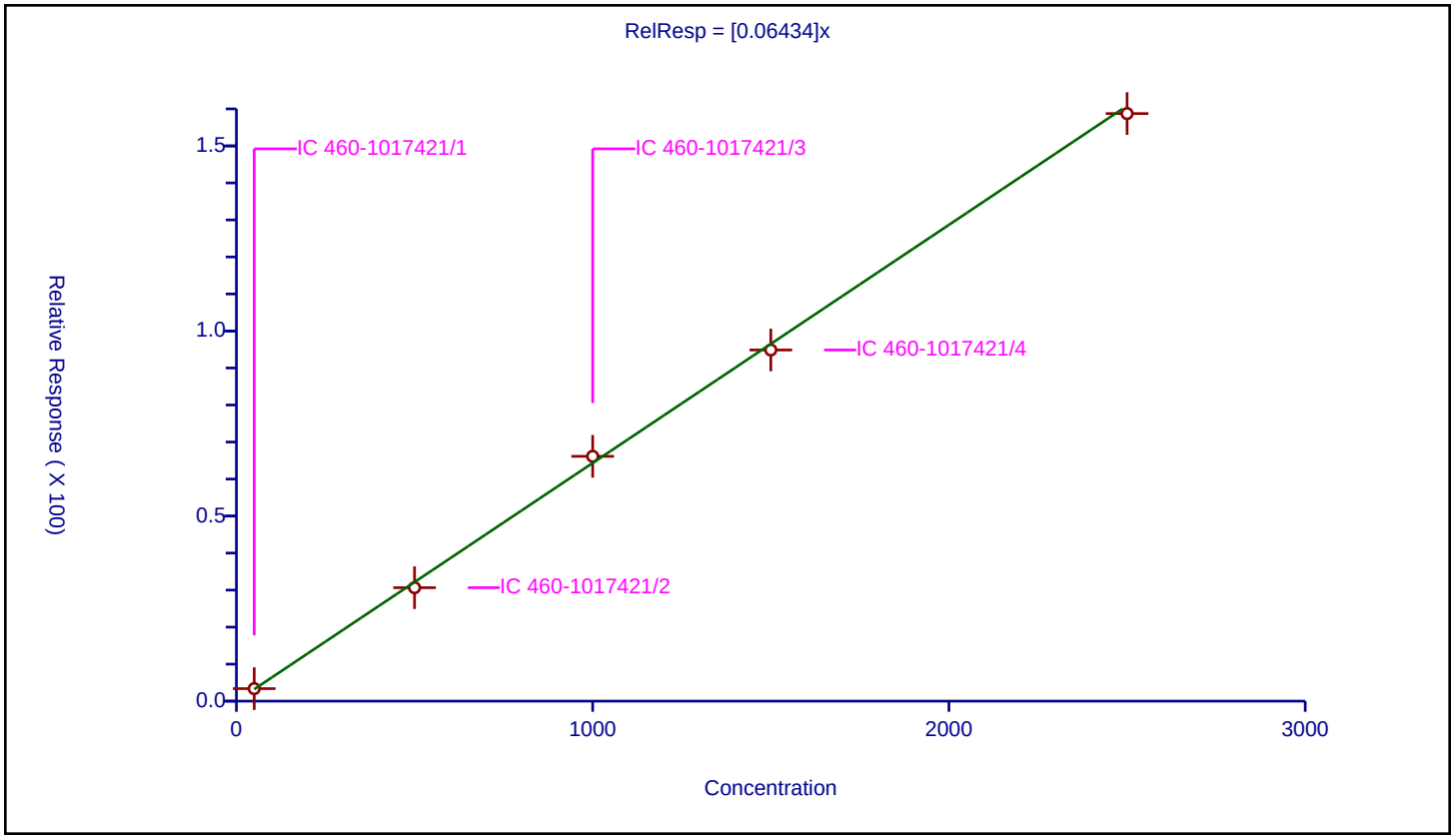
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06434 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.375727 | 100.0 | 37385373.0 | 0.067515 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 30.650587 | 100.0 | 26150018.0 | 0.061301 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 66.132951 | 100.0 | 29190565.0 | 0.066133 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 94.864834 | 100.0 | 25568890.0 | 0.063243 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 158.730776 | 100.0 | 26870646.0 | 0.063492 | Y |



## Calibration / Chlordane (technical) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

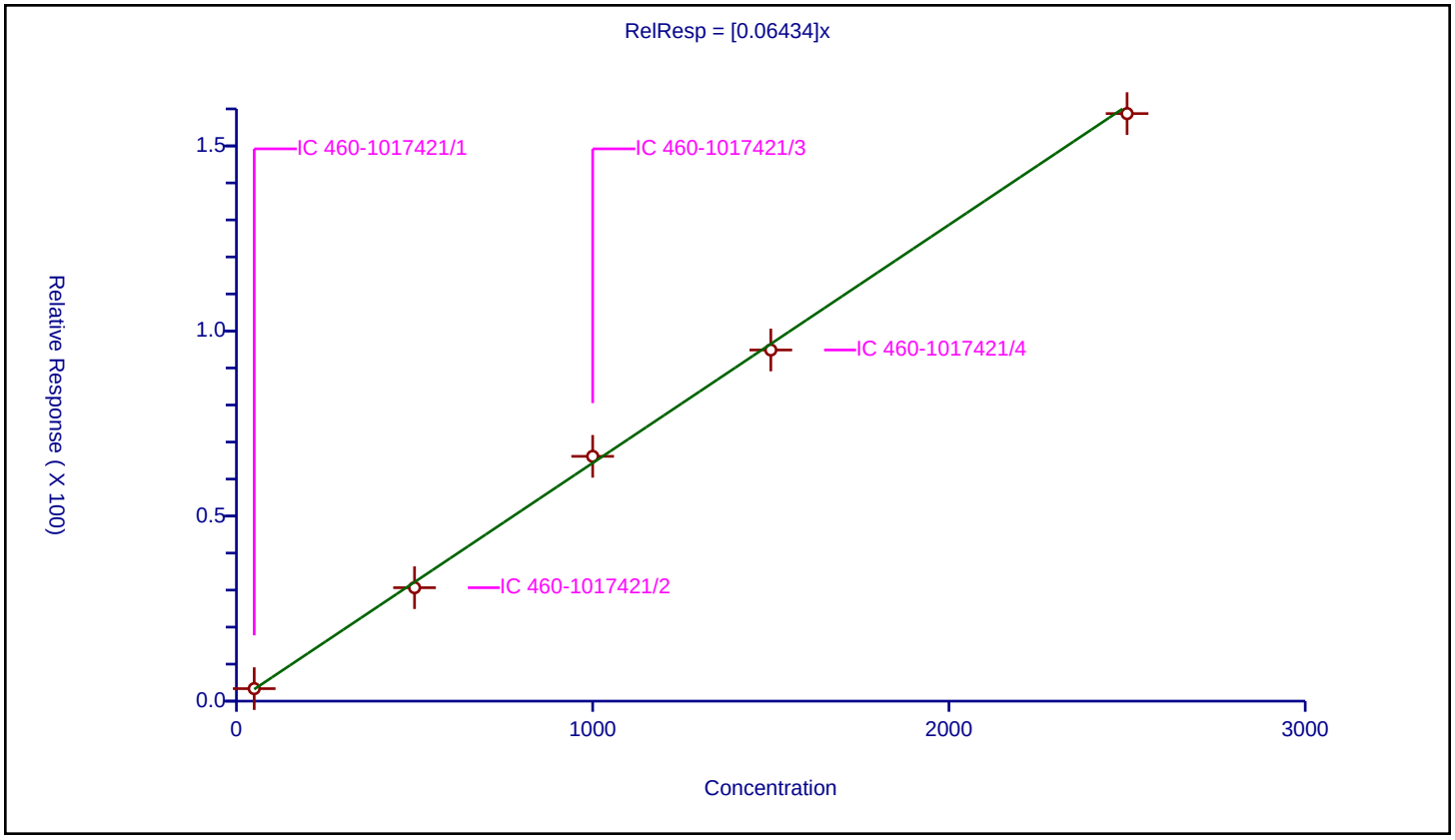
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06434 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.375727 | 100.0 | 37385373.0 | 0.067515 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 30.650587 | 100.0 | 26150018.0 | 0.061301 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 66.132951 | 100.0 | 29190565.0 | 0.066133 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 94.864834 | 100.0 | 25568890.0 | 0.063243 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 158.730776 | 100.0 | 26870646.0 | 0.063492 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

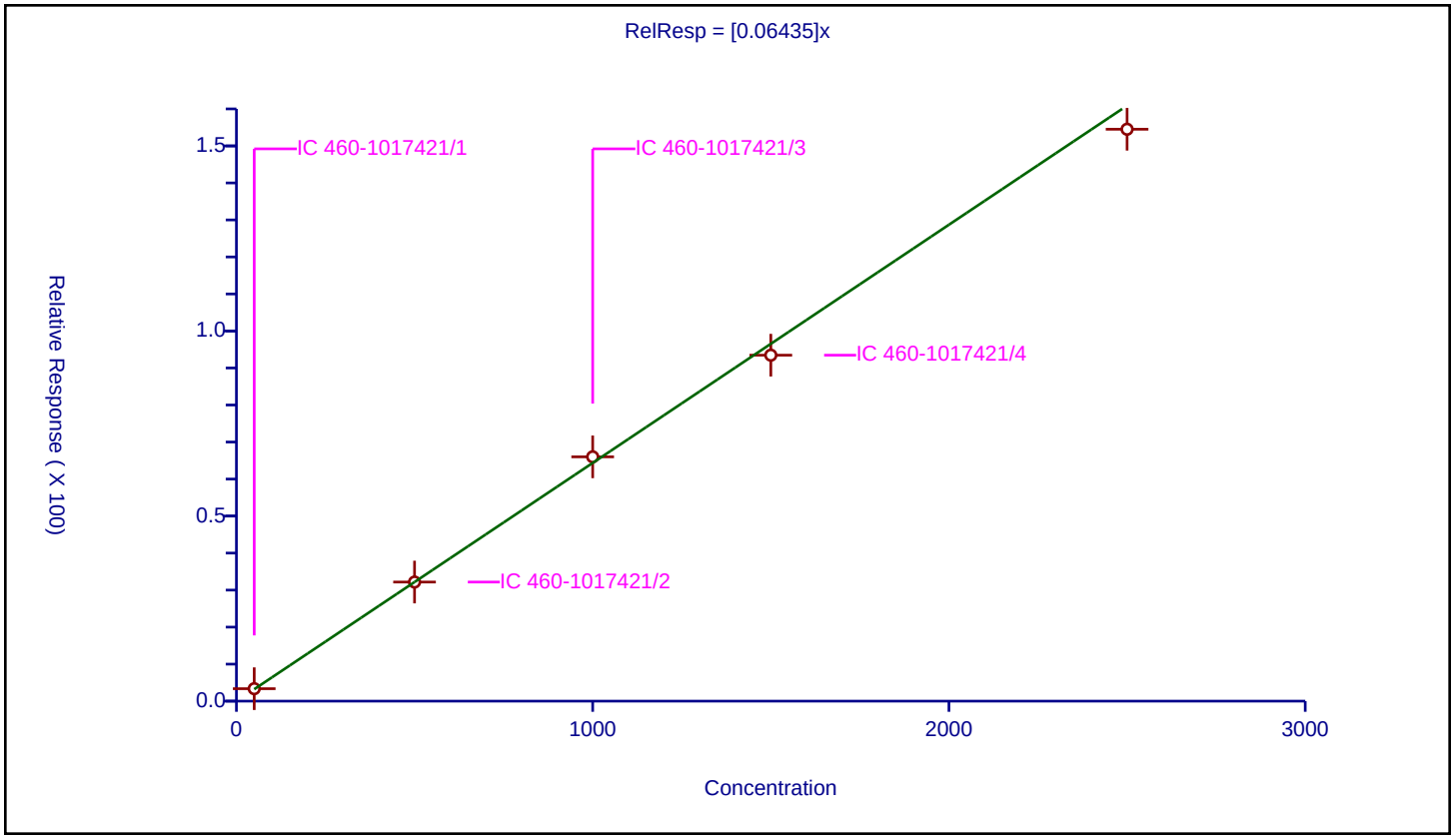
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.365038 | 100.0 | 37385373.0 | 0.067301 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 32.175901 | 100.0 | 26150018.0 | 0.064352 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 66.001809 | 100.0 | 29190565.0 | 0.066002 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 93.464057 | 100.0 | 25568890.0 | 0.062309 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 154.502099 | 100.0 | 26870646.0 | 0.061801 | Y |



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## Calibration / Chlordane (technical) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

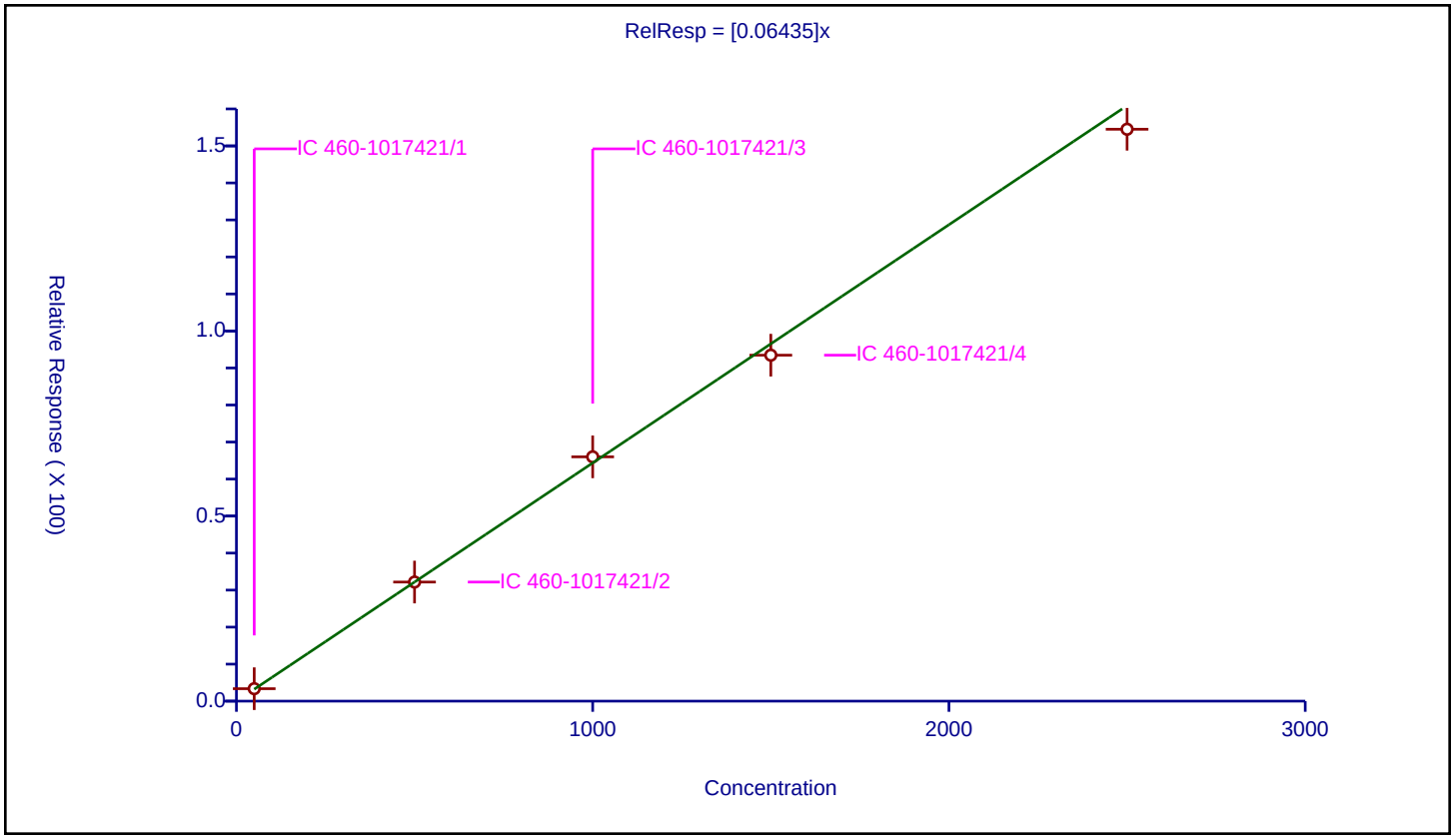
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.365038 | 100.0 | 37385373.0 | 0.067301 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 32.175901 | 100.0 | 26150018.0 | 0.064352 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 66.001809 | 100.0 | 29190565.0 | 0.066002 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 93.464057 | 100.0 | 25568890.0 | 0.062309 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 154.502099 | 100.0 | 26870646.0 | 0.061801 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

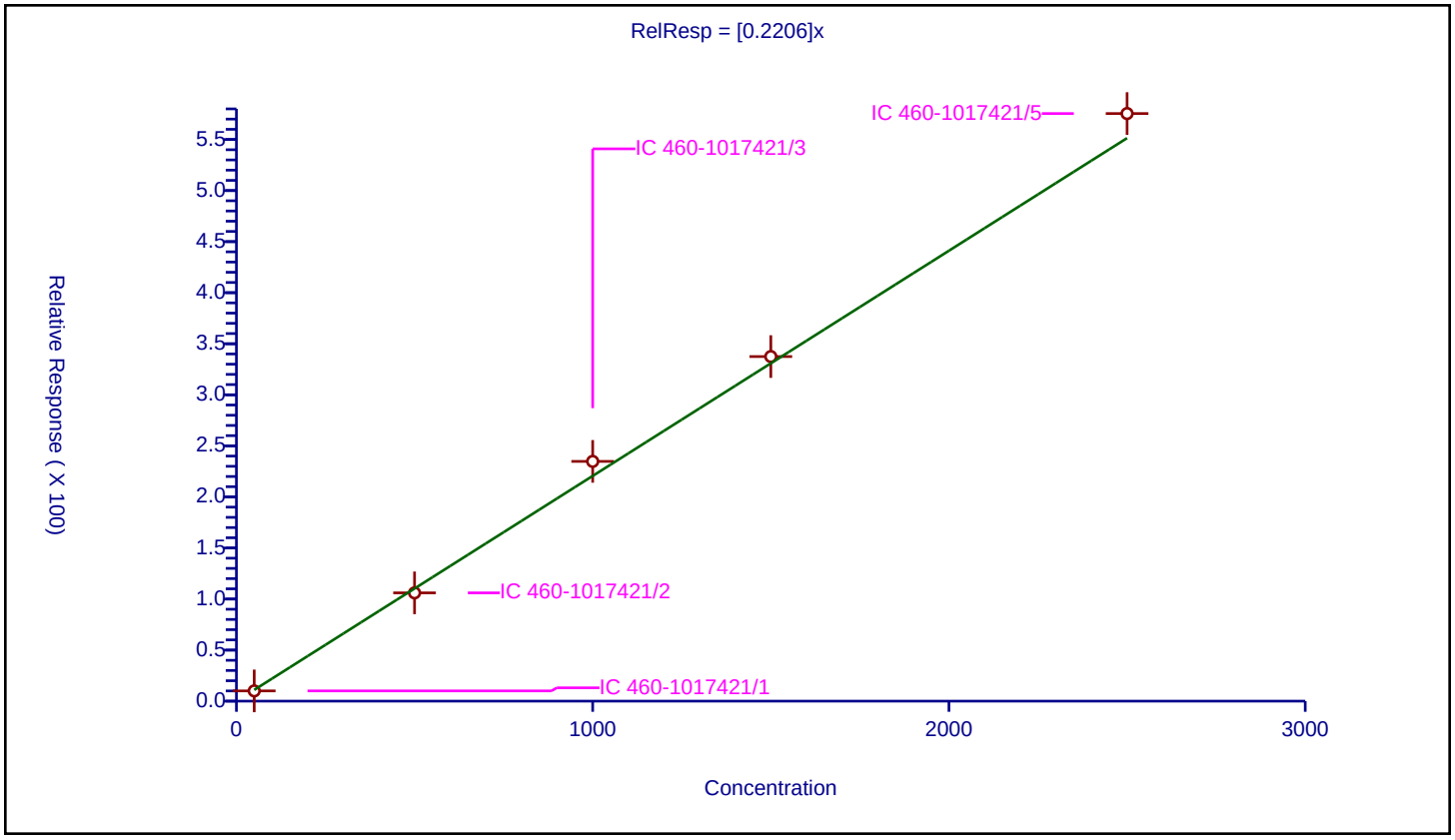
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 10.039571 | 100.0 | 37385373.0 | 0.200791 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 106.032382 | 100.0 | 26150018.0 | 0.212065 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 234.786833 | 100.0 | 29190565.0 | 0.234787 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 337.455998 | 100.0 | 25568890.0 | 0.224971 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 575.427885 | 100.0 | 26870646.0 | 0.230171 | Y |



## Calibration / Chlordane (technical) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

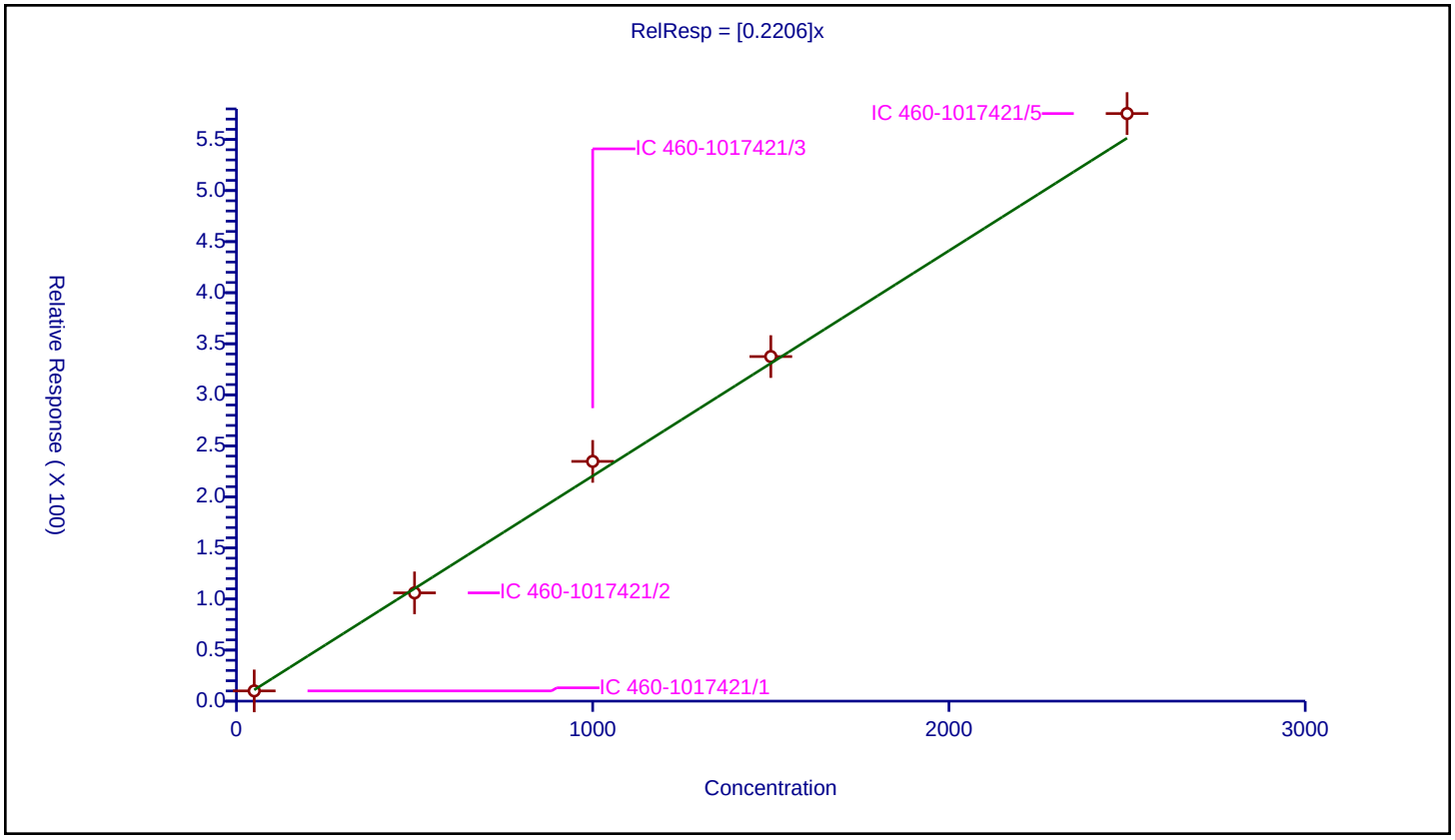
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 10.039571 | 100.0 | 37385373.0 | 0.200791 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 106.032382 | 100.0 | 26150018.0 | 0.212065 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 234.786833 | 100.0 | 29190565.0 | 0.234787 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 337.455998 | 100.0 | 25568890.0 | 0.224971 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 575.427885 | 100.0 | 26870646.0 | 0.230171 | Y |



## Calibration / Chlordane (n.o.s.) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

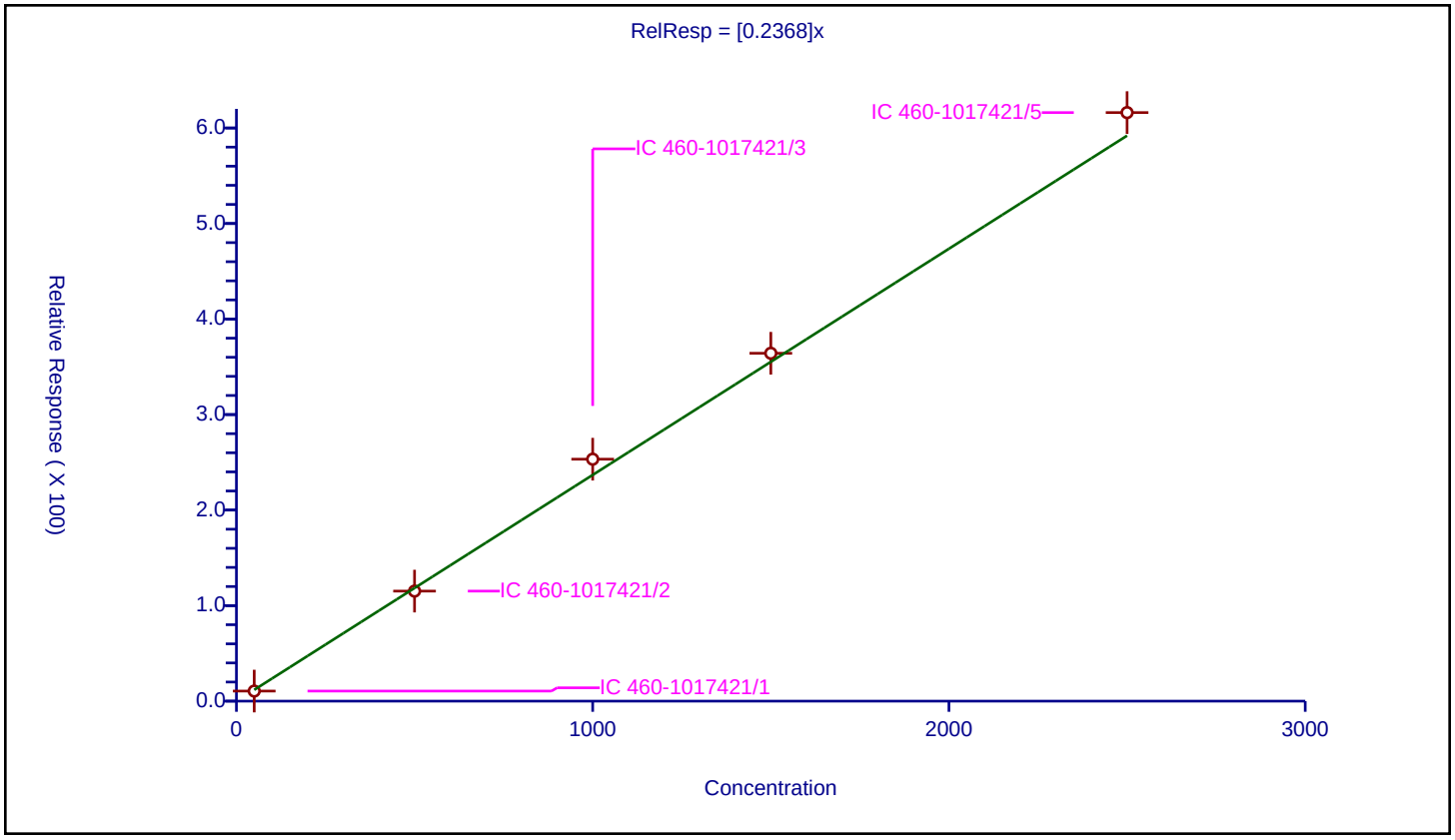
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2368 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 10.552547 | 100.0 | 37385373.0 | 0.211051 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 115.202609 | 100.0 | 26150018.0 | 0.230405 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 253.289061 | 100.0 | 29190565.0 | 0.253289 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 364.176364 | 100.0 | 25568890.0 | 0.242784 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 616.124696 | 100.0 | 26870646.0 | 0.24645 | Y |



## Calibration / Chlordane (technical) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

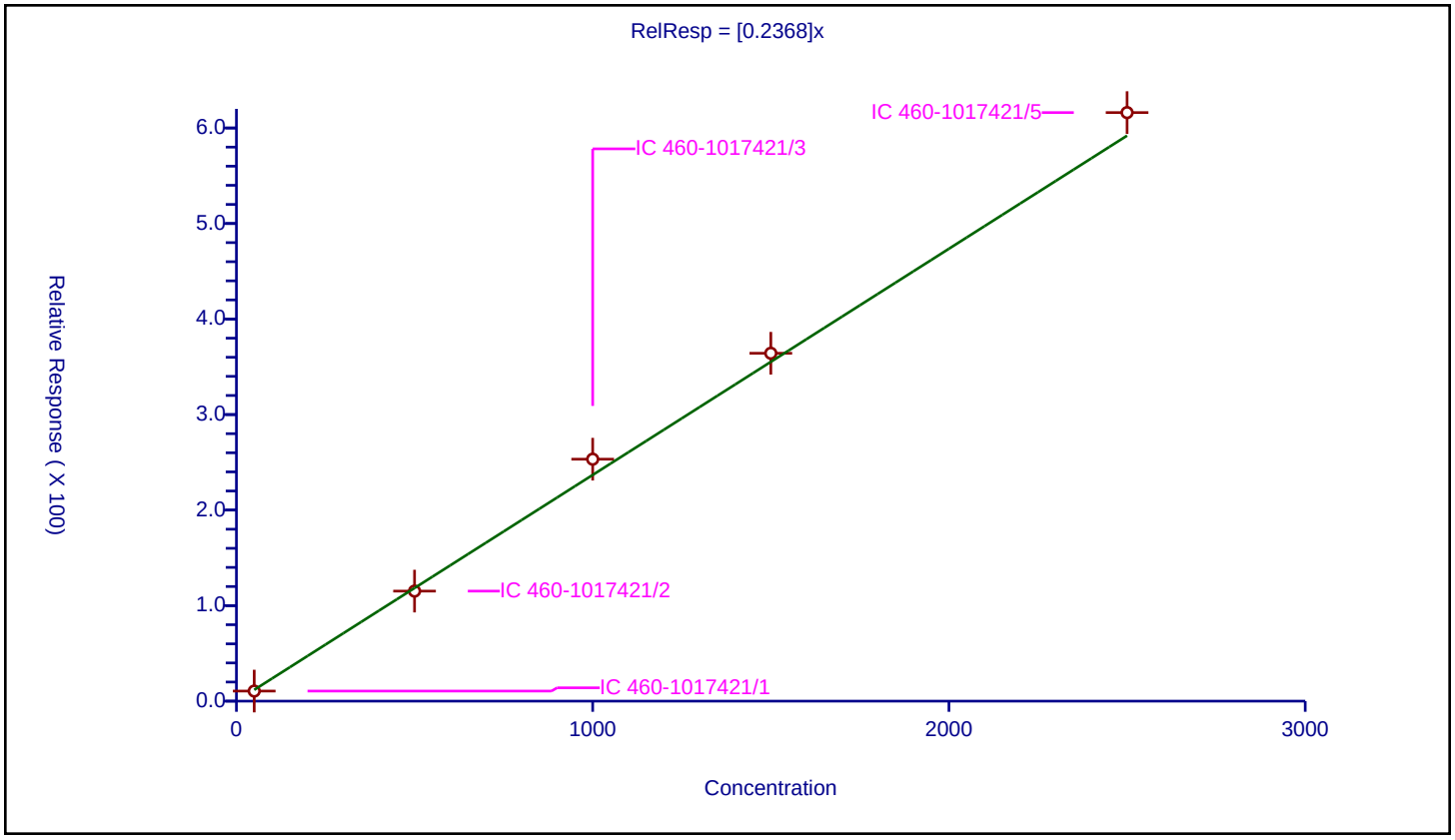
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2368 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 10.552547 | 100.0 | 37385373.0 | 0.211051 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 115.202609 | 100.0 | 26150018.0 | 0.230405 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 253.289061 | 100.0 | 29190565.0 | 0.253289 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 364.176364 | 100.0 | 25568890.0 | 0.242784 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 616.124696 | 100.0 | 26870646.0 | 0.24645 | Y |



## Calibration / Chlordane (n.o.s.) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

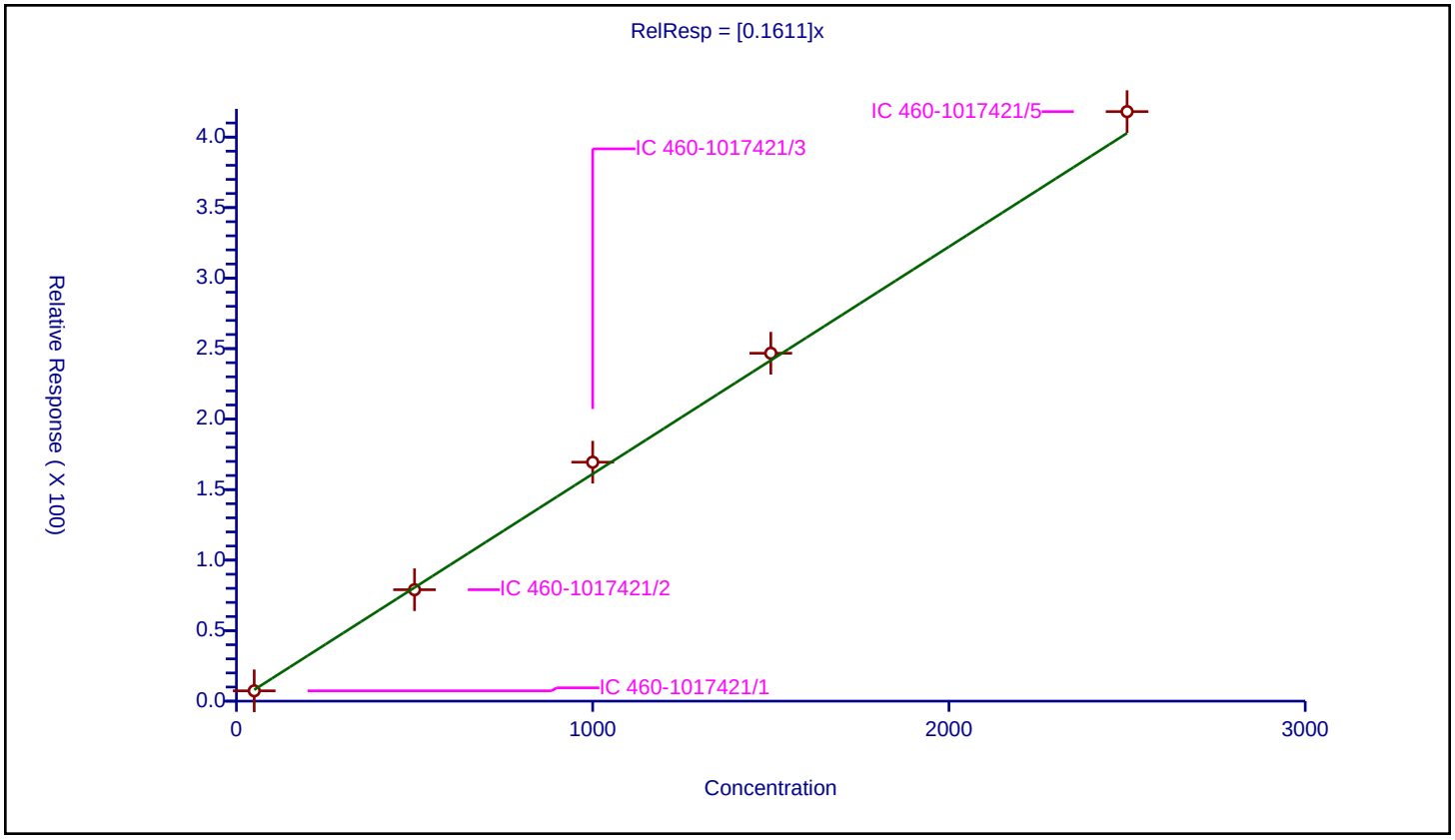
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1611 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 7.320882 | 100.0 | 37385373.0 | 0.146418 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 79.018871 | 100.0 | 26150018.0 | 0.158038 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 169.445919 | 100.0 | 29190565.0 | 0.169446 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 246.723057 | 100.0 | 25568890.0 | 0.164482 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 418.073116 | 100.0 | 26870646.0 | 0.167229 | Y |



## Calibration / Chlordane (technical) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

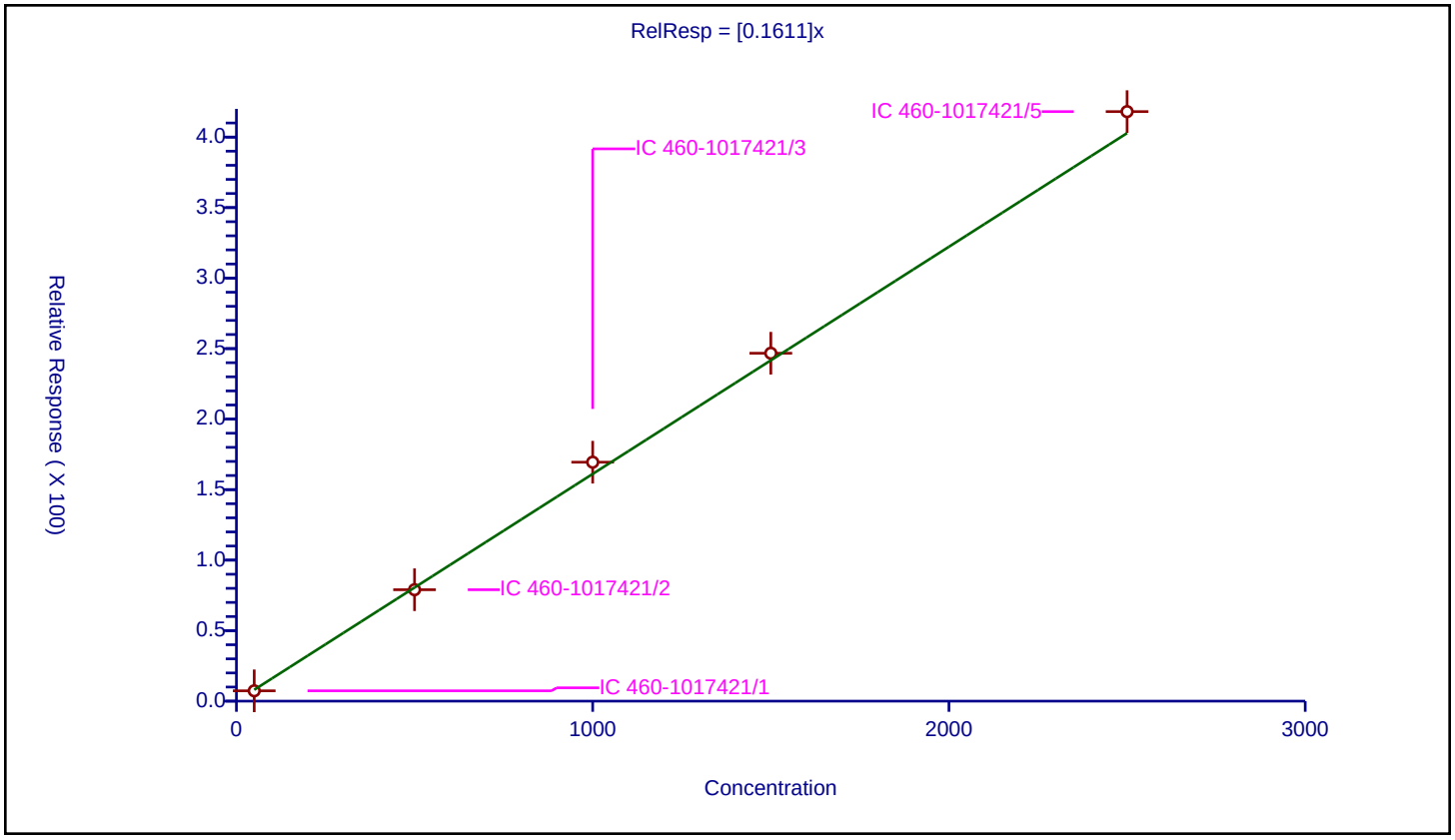
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1611 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 7.320882 | 100.0 | 37385373.0 | 0.146418 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 79.018871 | 100.0 | 26150018.0 | 0.158038 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 169.445919 | 100.0 | 29190565.0 | 0.169446 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 246.723057 | 100.0 | 25568890.0 | 0.164482 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 418.073116 | 100.0 | 26870646.0 | 0.167229 | Y |



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017421

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 11:06 Calibration End Date: 01/21/2025 11:58 Calibration ID: 99924

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017421/1 | 5F0977425.D |
| Level 2 | IC 460-1017421/2 | 5F0977426.D |
| Level 3 | IC 460-1017421/3 | 5F0977427.D |
| Level 4 | IC 460-1017421/4 | 5F0977428.D |
| Level 5 | IC 460-1017421/5 | 5F0977429.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Chlordane (n.o.s.) | | | | | | None | | | | | | | | | | | |
| Chlordane (n.o.s.) Peak 1 | 0.0712 | 0.0656 | 0.0679 | 0.0642 | 0.0626 | Ave | | 0.0663 | | | | 5.1 | | 20.0 | | | |
| Chlordane (technical) Peak 1 | 0.0712 | 0.0656 | 0.0679 | 0.0642 | 0.0626 | Ave | | 0.0663 | | | | 5.1 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 2 | 0.1041 | 0.0920 | 0.0828 | 0.0777 | 0.0745 | Ave | | 0.0862 | | | | 13.9 | | 20.0 | | | |
| Chlordane (technical) Peak 2 | 0.1041 | 0.0920 | 0.0828 | 0.0777 | 0.0745 | Ave | | 0.0862 | | | | 13.9 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 3 | 0.0527 | 0.0523 | 0.0531 | 0.0510 | 0.0499 | Ave | | 0.0518 | | | | 2.6 | | 20.0 | | | |
| Chlordane (technical) Peak 3 | 0.0527 | 0.0523 | 0.0531 | 0.0510 | 0.0499 | Ave | | 0.0518 | | | | 2.6 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 4 | 0.2989 | 0.2786 | 0.2890 | 0.2738 | 0.2670 | Ave | | 0.2815 | | | | 4.5 | | 20.0 | | | |
| Chlordane (technical) Peak 4 | 0.2989 | 0.2786 | 0.2890 | 0.2738 | 0.2670 | Ave | | 0.2815 | | | | 4.5 | | 20.0 | | | |
| Chlordane (n.o.s.) Peak 5 | 0.5360 | 0.4812 | 0.4975 | 0.4717 | 0.4580 | Ave | | 0.4889 | | | | 6.1 | | 20.0 | | | |
| Chlordane (technical) Peak 5 | 0.5360 | 0.4812 | 0.4975 | 0.4717 | 0.4580 | Ave | | 0.4889 | | | | 6.1 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017421

SDG No.:

Instrument ID: CPESTGC5 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 11:06 | Calibration End Date: 01/21/2025 11:58 | Calibration ID: 99924

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017421/1 | 5F0977425.D |
| Level 2 | IC 460-1017421/2 | 5F0977426.D |
| Level 3 | IC 460-1017421/3 | 5F0977427.D |
| Level 4 | IC 460-1017421/4 | 5F0977428.D |
| Level 5 | IC 460-1017421/5 | 5F0977429.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Chlordane (n.o.s.) | BNB | None | | | | | | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 1 | BNB | Ave | 2215261 | 14557698 | 33505913 | 41567490 | 71486722 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 1 | BNB | Ave | 2215261 | 14557698 | 33505913 | 41567490 | 71486722 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 2 | BNB | Ave | 3238587 | 20406213 | 40822585 | 50330713 | 85171750 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 2 | BNB | Ave | 3238587 | 20406213 | 40822585 | 50330713 | 85171750 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 3 | BNB | Ave | 1639720 | 11607880 | 26204661 | 33014264 | 56995306 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 3 | BNB | Ave | 1639720 | 11607880 | 26204661 | 33014264 | 56995306 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 4 | BNB | Ave | 9297343 | 61806822 | 142562180 | 177353893 | 305128643 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 4 | BNB | Ave | 9297343 | 61806822 | 142562180 | 177353893 | 305128643 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (n.o.s.) Peak 5 | BNB | Ave | 16669093 | 106754654 | 245404253 | 305565421 | 523430863 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Chlordane (technical) Peak 5 | BNB | Ave | 16669093 | 106754654 | 245404253 | 305565421 | 523430863 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:

Ave = Average ISTD
None = No Calib Curve

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977425.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 11:06:21 ALS Bottle#: 11 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-001
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:48 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 37385373 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 62201795 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | |
| 1 | 3.017 | 3.018 | -0.001 | 1262028 | 50.0 | 52.5 | |
| 1 | 3.713 | 3.714 | -0.001 | 1258032 | 50.0 | 52.3 | |
| 1 | 4.437 | 4.437 | 0.000 | 3753331 | 50.0 | 45.5 | |
| 1 | 4.554 | 4.554 | 0.000 | 3945109 | 50.0 | 44.6 | |
| 1 | 4.626 | 4.628 | -0.002 | 2736939 | 50.0 | 45.4 | |
| | | Average of Peak Amounts = | | | | 48.1 | |
| 2 | 2.859 | 2.861 | -0.002 | 2215261 | 50.0 | 53.7 | |
| 2 | 3.315 | 3.316 | -0.001 | 3238587 | 50.0 | 60.4 | |
| 2 | 3.745 | 3.746 | -0.001 | 1639720 | 50.0 | 50.9 | |
| 2 | 3.948 | 3.948 | 0.000 | 9297343 | 50.0 | 53.1 | |
| 2 | 4.074 | 4.075 | -0.001 | 16669093 | 50.0 | 54.8 | |
| | | Average of Peak Amounts = | | | | 54.6 | |
| | | | | | | RPD = 12.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 3.017 | 3.018 | -0.001 | 1262028 | 50.0 | 52.5 | |
| 1 | 3.713 | 3.714 | -0.001 | 1258032 | 50.0 | 52.3 | |
| 1 | 4.437 | 4.437 | 0.000 | 3753331 | 50.0 | 45.5 | |
| 1 | 4.554 | 4.554 | 0.000 | 3945109 | 50.0 | 44.6 | |
| 1 | 4.626 | 4.628 | -0.002 | 2736939 | 50.0 | 45.4 | |
| | | Average of Peak Amounts = | | | | 48.1 | |
| 2 | 2.859 | 2.861 | -0.002 | 2215261 | 50.0 | 53.7 | |
| 2 | 3.315 | 3.316 | -0.001 | 3238587 | 50.0 | 60.4 | |
| 2 | 3.745 | 3.746 | -0.001 | 1639720 | 50.0 | 50.9 | |
| 2 | 3.948 | 3.948 | 0.000 | 9297343 | 50.0 | 53.1 | |
| 2 | 4.074 | 4.075 | -0.001 | 16669093 | 50.0 | 54.8 | |
| | | Average of Peak Amounts = | | | | 54.6 | |
| | | | | | | RPD = 12.72 | |

## Reagents:

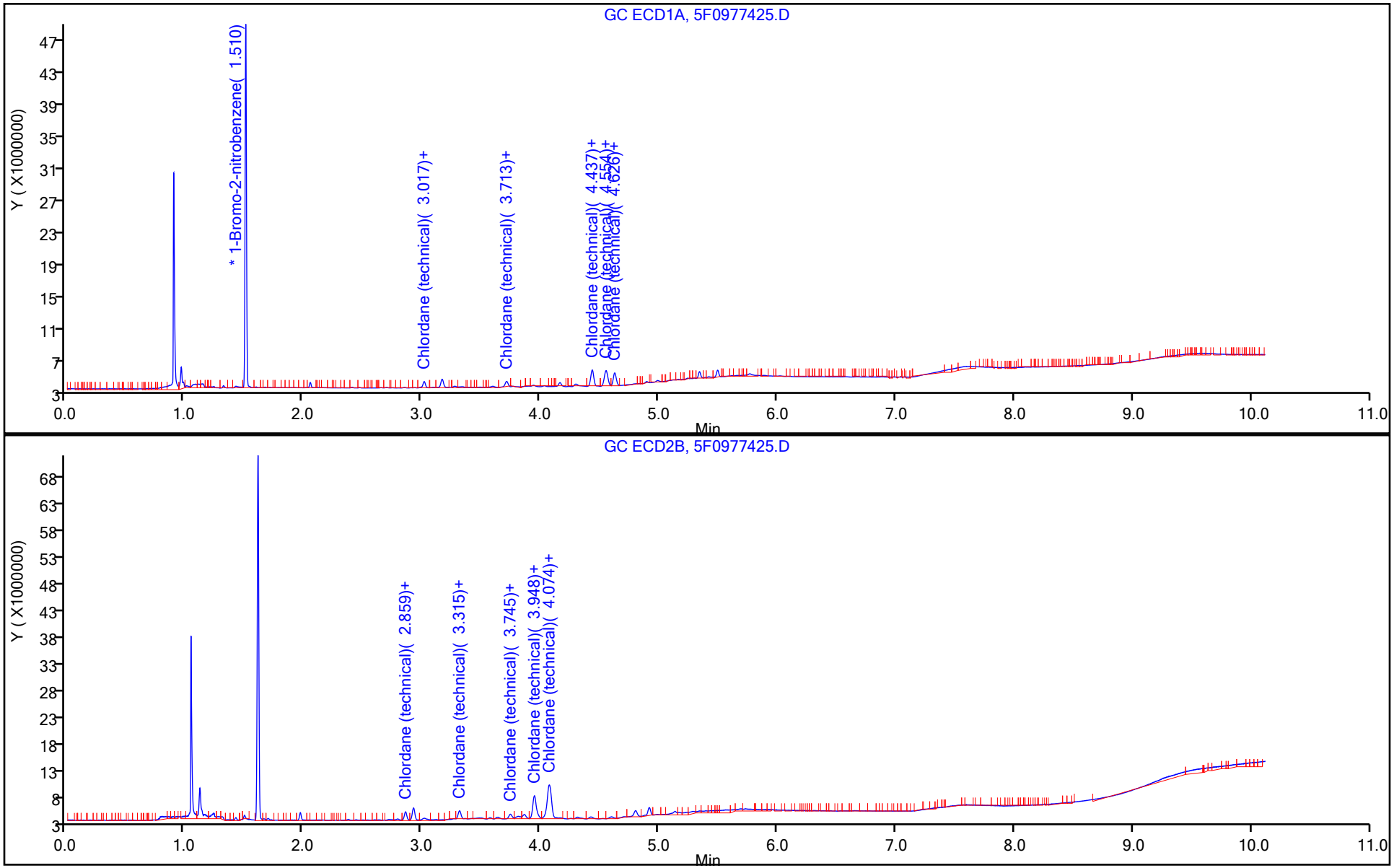
| | | | |
|---|---|---|---|
| SGCHLORDANEL1_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:49 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977425.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:06:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 21-Jan-2025 11:19:21 ALS Bottle#: 12 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-002
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:51 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:03:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 26150018 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 44373689 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.017 | 3.018 | -0.001 | 8015134 | 500.0 | 476.4 | |
| 1 | 3.713 | 3.714 | -0.001 | 8414004 | 500.0 | 500.0 | M |
| 1 | 4.436 | 4.437 | -0.001 | 27727487 | 500.0 | 480.7 | M |
| 1 | 4.553 | 4.554 | -0.001 | 30125503 | 500.0 | 486.5 | M |
| 1 | 4.626 | 4.628 | -0.002 | 20663449 | 500.0 | 490.4 | M |
| | | Average of Peak Amounts = | | | | 486.8 | |
| 2 | 2.860 | 2.861 | -0.001 | 14557698 | 500.0 | 494.8 | M |
| 2 | 3.316 | 3.316 | 0.000 | 20406213 | 500.0 | 533.4 | M |
| 2 | 3.745 | 3.746 | -0.001 | 11607880 | 500.0 | 505.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 61806822 | 500.0 | 494.9 | M |
| 2 | 4.074 | 4.075 | -0.001 | 106754654 | 500.0 | 492.1 | M |
| | | Average of Peak Amounts = | | | | 504.0 | |
| | | | | | | RPD = 3.48 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.017 | 3.018 | -0.001 | 8015134 | 500.0 | 476.4 | |
| 1 | 3.713 | 3.714 | -0.001 | 8414004 | 500.0 | 500.0 | M |
| 1 | 4.436 | 4.437 | -0.001 | 27727487 | 500.0 | 480.7 | M |
| 1 | 4.553 | 4.554 | -0.001 | 30125503 | 500.0 | 486.5 | M |
| 1 | 4.626 | 4.628 | -0.002 | 20663449 | 500.0 | 490.4 | M |
| | | Average of Peak Amounts = | | | | 486.8 | |
| 2 | 2.860 | 2.861 | -0.001 | 14557698 | 500.0 | 494.8 | M |
| 2 | 3.316 | 3.316 | 0.000 | 20406213 | 500.0 | 533.4 | M |
| 2 | 3.745 | 3.746 | -0.001 | 11607880 | 500.0 | 505.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 61806822 | 500.0 | 494.9 | M |
| 2 | 4.074 | 4.075 | -0.001 | 106754654 | 500.0 | 492.1 | M |
| | | Average of Peak Amounts = | | | | 504.0 | |
| | | | | | | RPD = 3.48 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

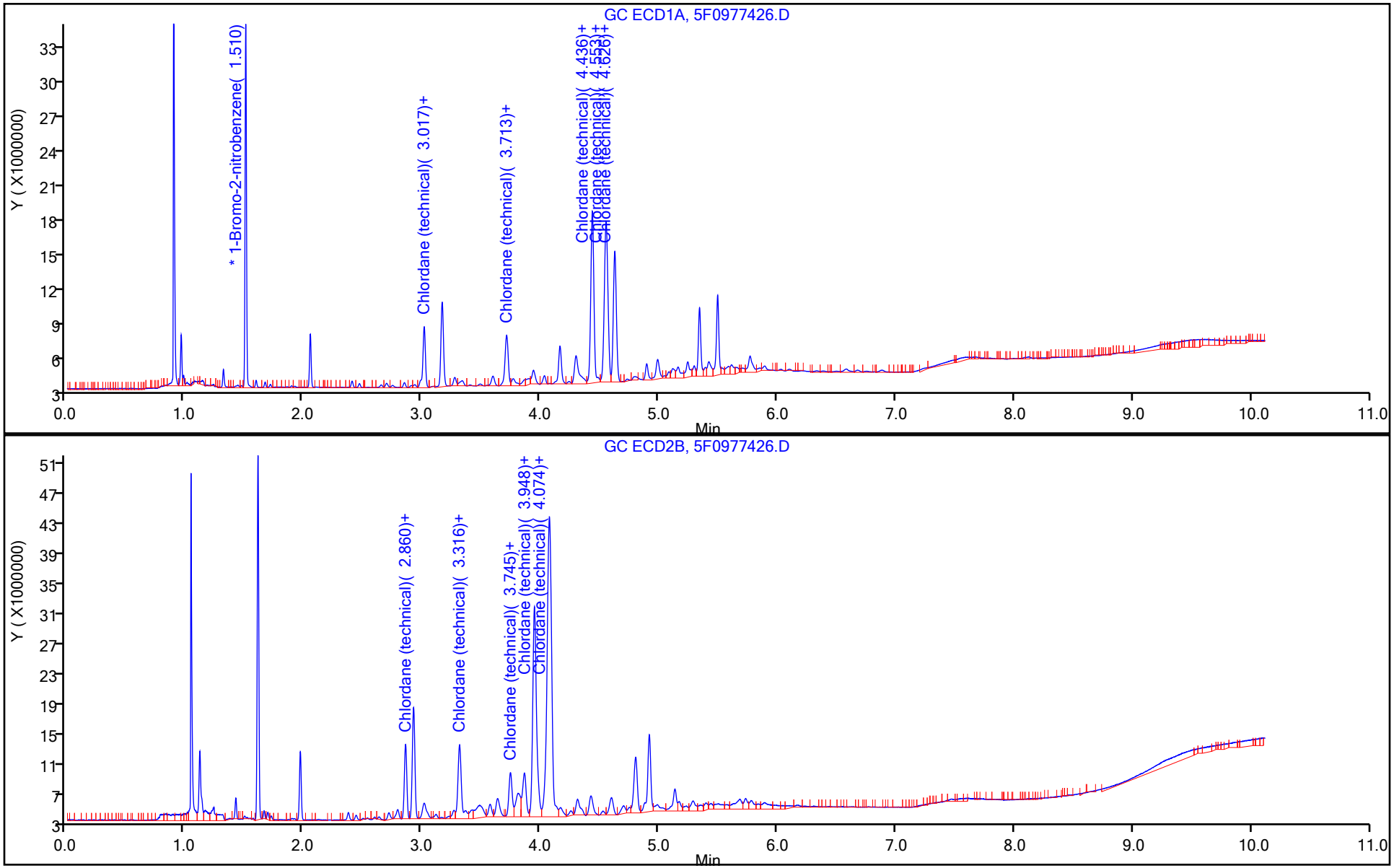
| | | | |
|---|---|---|---|
| SGCHLORDANEL3_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:19:21 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





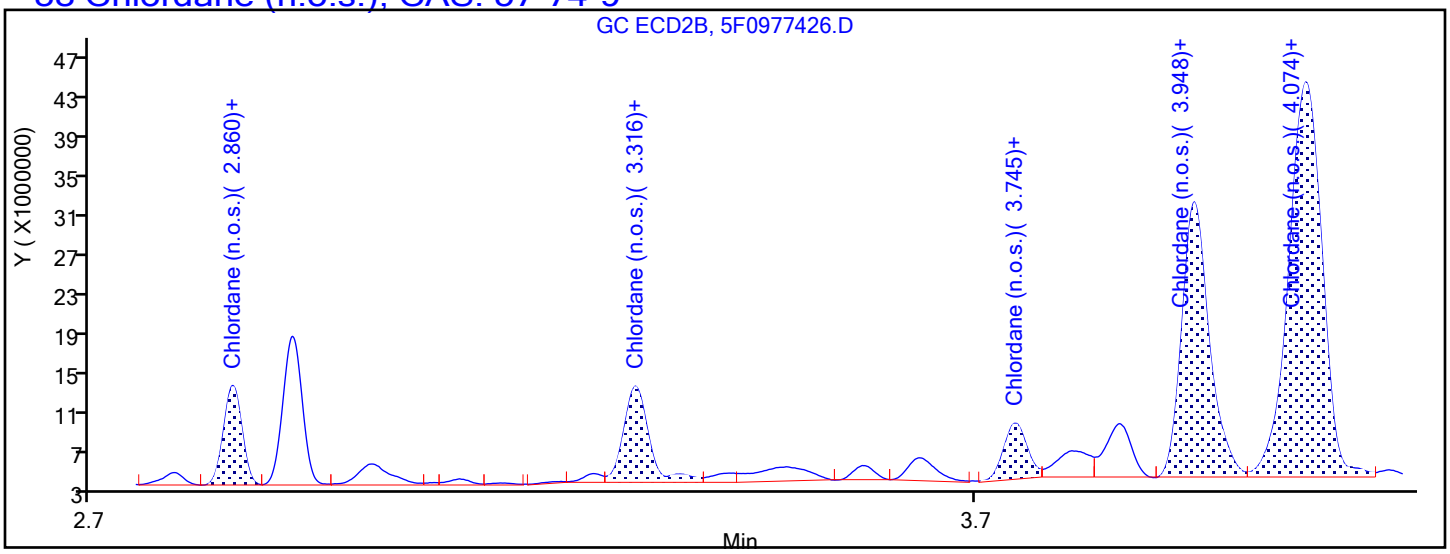

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:45:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

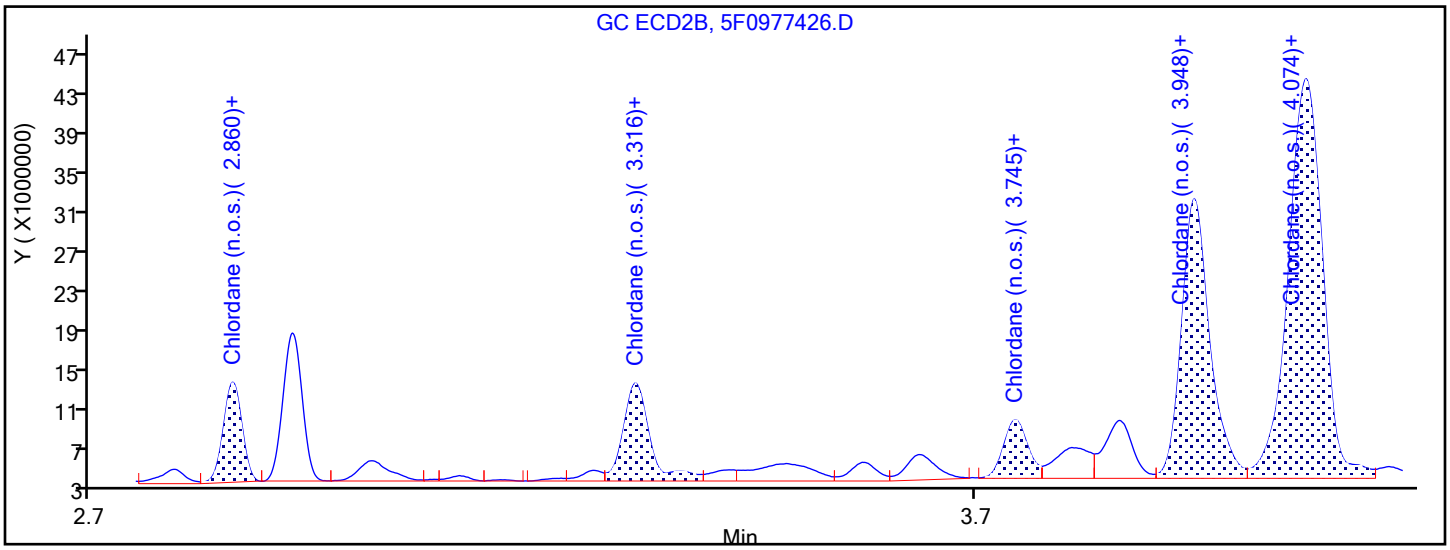
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977426.D
Injection Date: 21-Jan-2025 11:19:21 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.860 | Response = 14328888 |
| 3.316 | Response = 19579282 |
| 3.745 | Response = 10123097 |
| 3.948 | Response = 58852190 |
| 4.074 | Response = 102638192 |




Manual Integration Results

| | | |
|---|---|---|
| 2.860 | Response = 14557698 | M |
| 3.316 | Response = 20406213 | M |
| 3.745 | Response = 11607880 | M |
| 3.948 | Response = 61806822 | M |
| 4.074 | Response = 106754654 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:07 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jan-2025 11:32:22 ALS Bottle#: 13 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:54 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:03:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 29190565 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.614 | 0.000 | 49331926 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 19304582 | 1000.0 | 1027.9 | M |
| 1 | 3.714 | 3.714 | 0.000 | 19266301 | 1000.0 | 1025.6 | M |
| 1 | 4.437 | 4.437 | 0.000 | 68535603 | 1000.0 | 1064.5 | M |
| 1 | 4.554 | 4.554 | 0.000 | 73936508 | 1000.0 | 1069.7 | M |
| 1 | 4.628 | 4.628 | 0.000 | 49462221 | 1000.0 | 1051.7 | M |
| | | Average of Peak Amounts = | | | | 1047.9 | |
| 2 | 2.861 | 2.861 | 0.000 | 33505913 | 1000.0 | 1024.5 | M |
| 2 | 3.316 | 3.316 | 0.000 | 40822585 | 1000.0 | 959.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 26204661 | 1000.0 | 1025.5 | M |
| 2 | 3.948 | 3.948 | 0.000 | 142562180 | 1000.0 | 1026.7 | M |
| 2 | 4.075 | 4.075 | 0.000 | 245404253 | 1000.0 | 1017.6 | M |
| | | Average of Peak Amounts = | | | | 1010.8 | |
| | | | | | | RPD = 3.60 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 19304582 | 1000.0 | 1027.9 | M |
| 1 | 3.714 | 3.714 | 0.000 | 19266301 | 1000.0 | 1025.6 | M |
| 1 | 4.437 | 4.437 | 0.000 | 68535603 | 1000.0 | 1064.5 | M |
| 1 | 4.554 | 4.554 | 0.000 | 73936508 | 1000.0 | 1069.7 | M |
| 1 | 4.628 | 4.628 | 0.000 | 49462221 | 1000.0 | 1051.7 | M |
| | | Average of Peak Amounts = | | | | 1047.9 | |
| 2 | 2.861 | 2.861 | 0.000 | 33505913 | 1000.0 | 1024.5 | M |
| 2 | 3.316 | 3.316 | 0.000 | 40822585 | 1000.0 | 959.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 26204661 | 1000.0 | 1025.5 | M |
| 2 | 3.948 | 3.948 | 0.000 | 142562180 | 1000.0 | 1026.7 | M |
| 2 | 4.075 | 4.075 | 0.000 | 245404253 | 1000.0 | 1017.6 | M |
| | | Average of Peak Amounts = | | | | 1010.8 | |
| | | | | | | RPD = 3.60 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

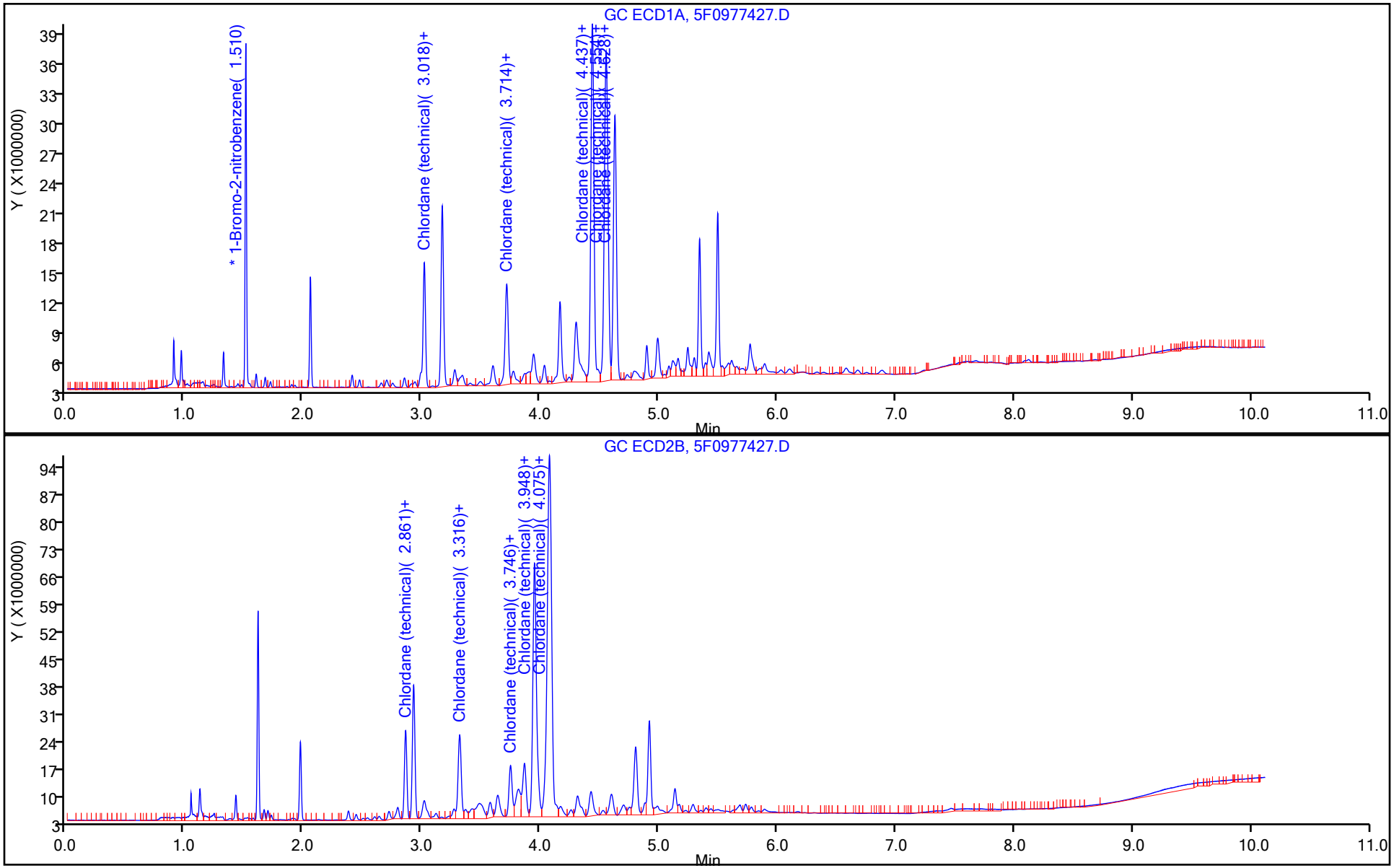
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:55 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:32:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





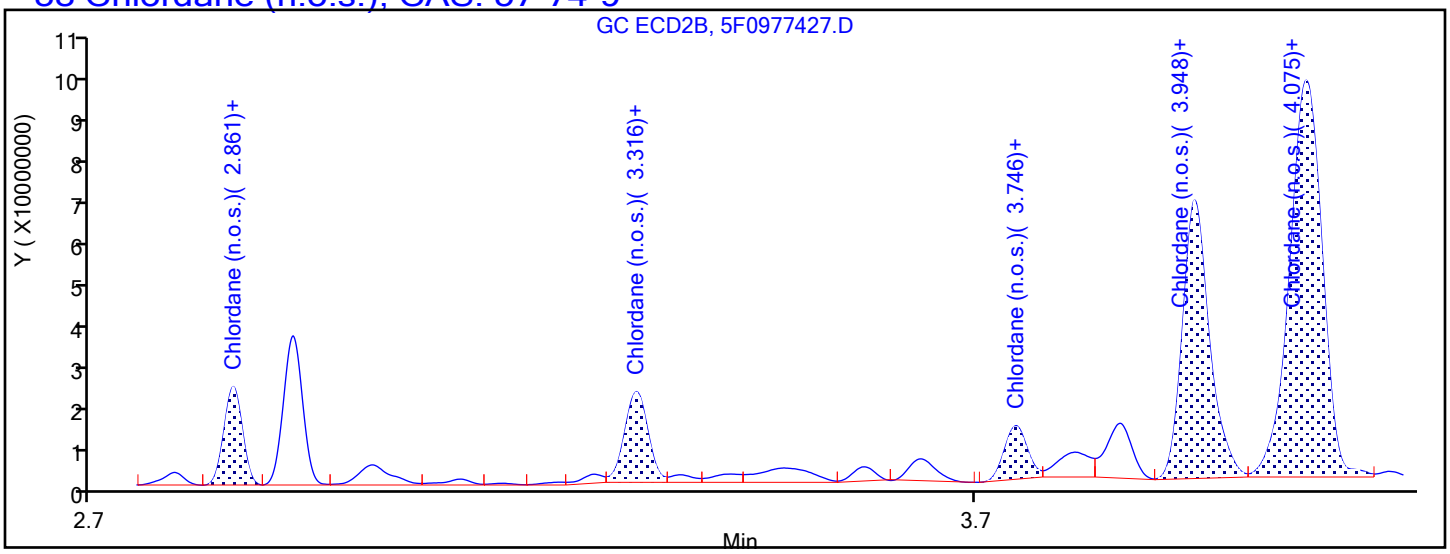

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:45:55 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

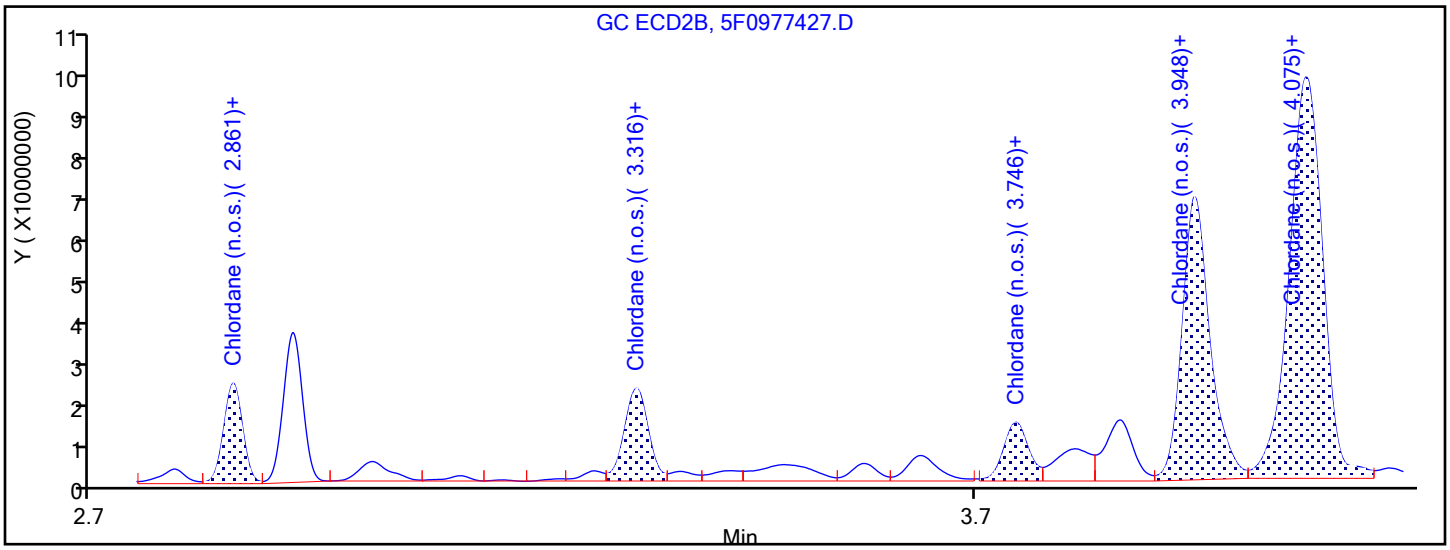
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977427.D
Injection Date: 21-Jan-2025 11:32:22 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.861 | Response = 33117607 |
| 3.316 | Response = 39412921 |
| 3.746 | Response = 22965164 |
| 3.948 | Response = 135700811 |
| 4.075 | Response = 235897666 |




Manual Integration Results

| | | |
|---|---|---|
| 2.861 | Response = 33505913 | M |
| 3.316 | Response = 40822585 | M |
| 3.746 | Response = 26204661 | M |
| 3.948 | Response = 142562180 | M |
| 4.075 | Response = 245404253 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:27 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 11:45:27 ALS Bottle#: 14 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:45:58 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 25568890 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 43183006 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 24255885 | 1500.0 | 1474.5 | M |
| 1 | 3.714 | 3.714 | 0.000 | 23897722 | 1500.0 | 1452.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 86283753 | 1500.0 | 1530.0 | M |
| 1 | 4.555 | 4.554 | 0.001 | 93115854 | 1500.0 | 1537.9 | M |
| 1 | 4.629 | 4.628 | 0.001 | 63084347 | 1500.0 | 1531.3 | M |
| | | Average of Peak Amounts = | | | | 1505.2 | |
| 2 | 2.860 | 2.861 | -0.001 | 41567490 | 1500.0 | 1451.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 50330713 | 1500.0 | 1351.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 33014264 | 1500.0 | 1475.9 | M |
| 2 | 3.949 | 3.948 | 0.001 | 177353893 | 1500.0 | 1459.2 | M |
| 2 | 4.074 | 4.075 | -0.001 | 305565421 | 1500.0 | 1447.4 | M |
| | | Average of Peak Amounts = | | | | 1437.2 | |
| | | | | | | RPD = 4.62 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 24255885 | 1500.0 | 1474.5 | M |
| 1 | 3.714 | 3.714 | 0.000 | 23897722 | 1500.0 | 1452.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 86283753 | 1500.0 | 1530.0 | M |
| 1 | 4.555 | 4.554 | 0.001 | 93115854 | 1500.0 | 1537.9 | M |
| 1 | 4.629 | 4.628 | 0.001 | 63084347 | 1500.0 | 1531.3 | M |
| | | Average of Peak Amounts = | | | | 1505.2 | |
| 2 | 2.860 | 2.861 | -0.001 | 41567490 | 1500.0 | 1451.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 50330713 | 1500.0 | 1351.8 | M |
| 2 | 3.746 | 3.746 | 0.000 | 33014264 | 1500.0 | 1475.9 | M |
| 2 | 3.949 | 3.948 | 0.001 | 177353893 | 1500.0 | 1459.2 | M |
| 2 | 4.074 | 4.075 | -0.001 | 305565421 | 1500.0 | 1447.4 | M |
| | | Average of Peak Amounts = | | | | 1437.2 | |
| | | | | | | RPD = 4.62 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

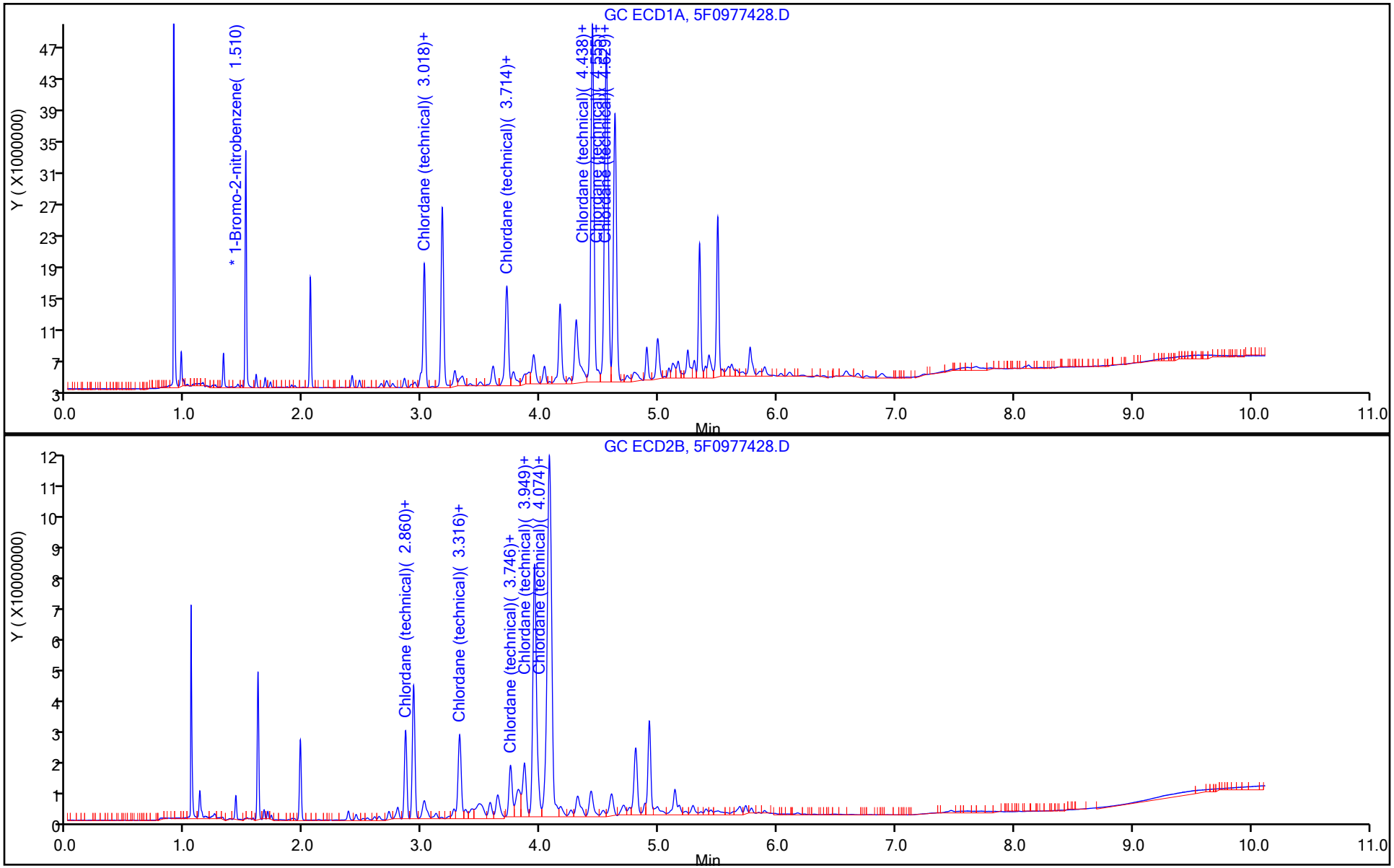
| | | | |
|---|---|---|---|
| SGCHLORDANEL5_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:45:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:45:27 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





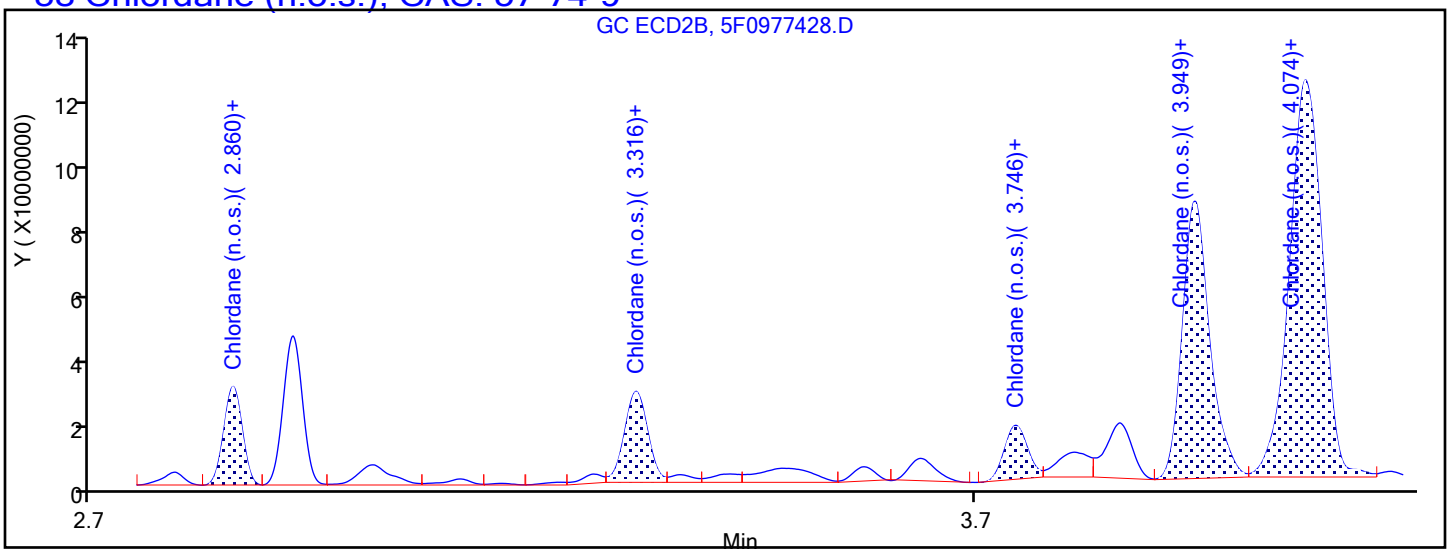

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:45:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

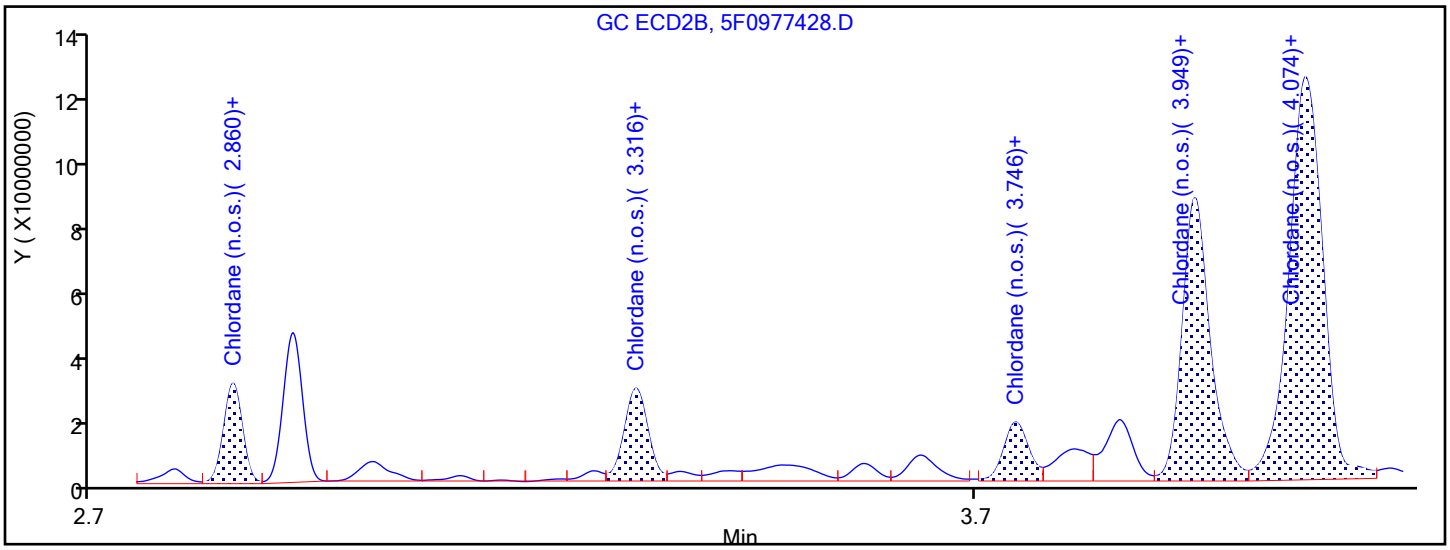
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977428.D
Injection Date: 21-Jan-2025 11:45:27 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.860 | Response = 41119159 |
| 3.316 | Response = 48609614 |
| 3.746 | Response = 28792330 |
| 3.949 | Response = 168457938 |
| 4.074 | Response = 293022935 |




Manual Integration Results

| | | |
|---|---|---|
| 2.860 | Response = 41567490 | M |
| 3.316 | Response = 50330713 | M |
| 3.746 | Response = 33014264 | M |
| 3.949 | Response = 177353893 | M |
| 4.074 | Response = 305565421 | M |

Reviewer: ESS0, 22-Jan-2025 03:03:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 11:58:24 ALS Bottle#: 15 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:46:02 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 26870646 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 45710930 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 42651985 | 2500.0 | 2467.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 41515712 | 2500.0 | 2400.9 | M |
| 1 | 4.438 | 4.437 | 0.001 | 154621190 | 2500.0 | 2609.0 | M |
| 1 | 4.554 | 4.554 | 0.000 | 165556686 | 2500.0 | 2601.9 | M |
| 1 | 4.628 | 4.628 | 0.000 | 112338947 | 2500.0 | 2594.8 | M |
| | | Average of Peak Amounts = | | | | 2534.7 | |
| 2 | 2.860 | 2.861 | -0.001 | 71486722 | 2500.0 | 2358.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 85171750 | 2500.0 | 2161.1 | M |
| 2 | 3.746 | 3.746 | 0.000 | 56995306 | 2500.0 | 2407.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 305128643 | 2500.0 | 2371.6 | M |
| 2 | 4.075 | 4.075 | 0.000 | 523430863 | 2500.0 | 2342.3 | M |
| | | Average of Peak Amounts = | | | | 2328.2 | |
| | | | | | | RPD = 8.49 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 42651985 | 2500.0 | 2467.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 41515712 | 2500.0 | 2400.9 | M |
| 1 | 4.438 | 4.437 | 0.001 | 154621190 | 2500.0 | 2609.0 | M |
| 1 | 4.554 | 4.554 | 0.000 | 165556686 | 2500.0 | 2601.9 | M |
| 1 | 4.628 | 4.628 | 0.000 | 112338947 | 2500.0 | 2594.8 | M |
| | | Average of Peak Amounts = | | | | 2534.7 | |
| 2 | 2.860 | 2.861 | -0.001 | 71486722 | 2500.0 | 2358.9 | M |
| 2 | 3.316 | 3.316 | 0.000 | 85171750 | 2500.0 | 2161.1 | M |
| 2 | 3.746 | 3.746 | 0.000 | 56995306 | 2500.0 | 2407.0 | M |
| 2 | 3.948 | 3.948 | 0.000 | 305128643 | 2500.0 | 2371.6 | M |
| 2 | 4.075 | 4.075 | 0.000 | 523430863 | 2500.0 | 2342.3 | M |
| | | Average of Peak Amounts = | | | | 2328.2 | |
| | | | | | RPD = | 8.49 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

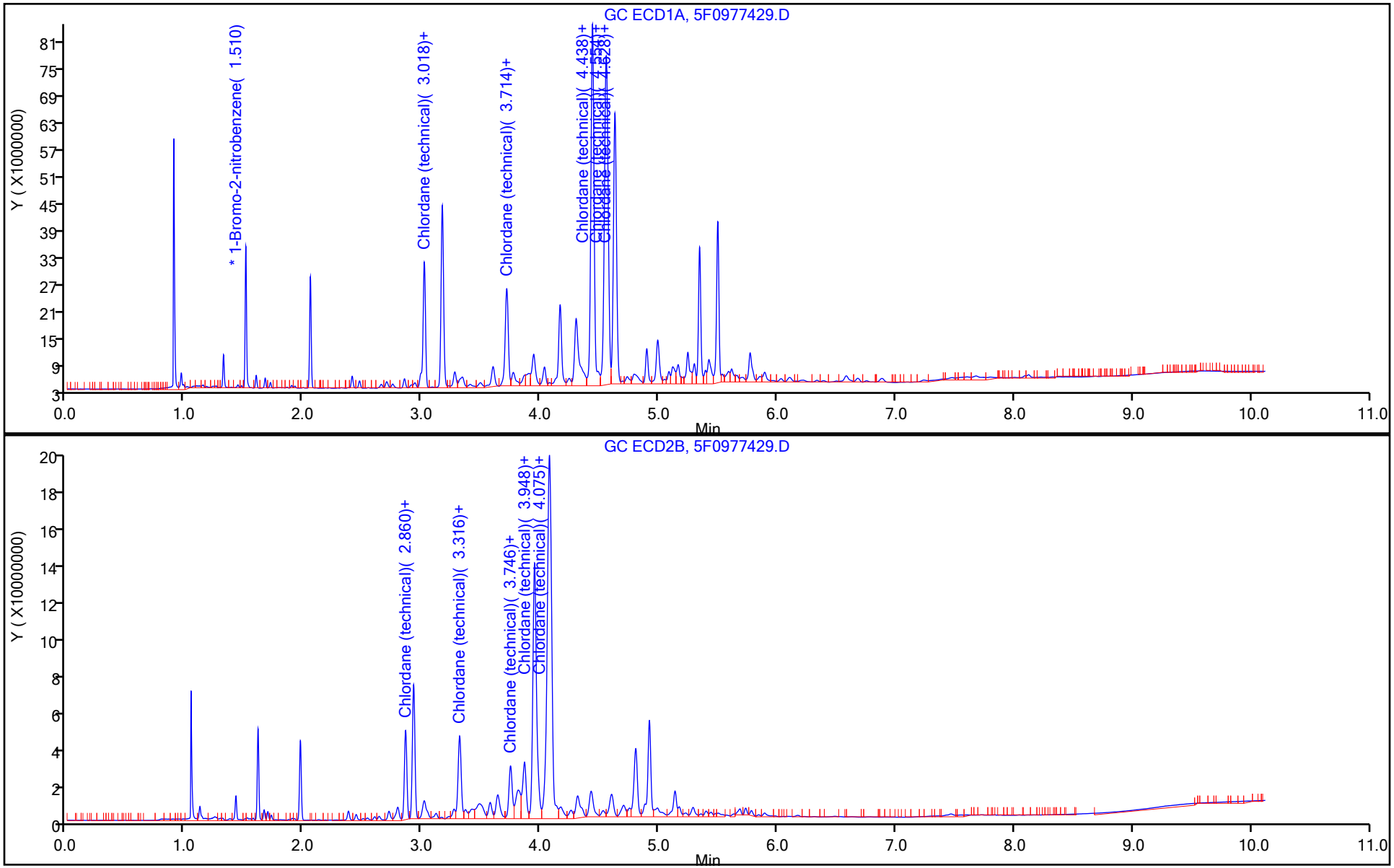
| | | | |
|---|---|---|---|
| SGCHLORDANEL6_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:46:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 11:58:24 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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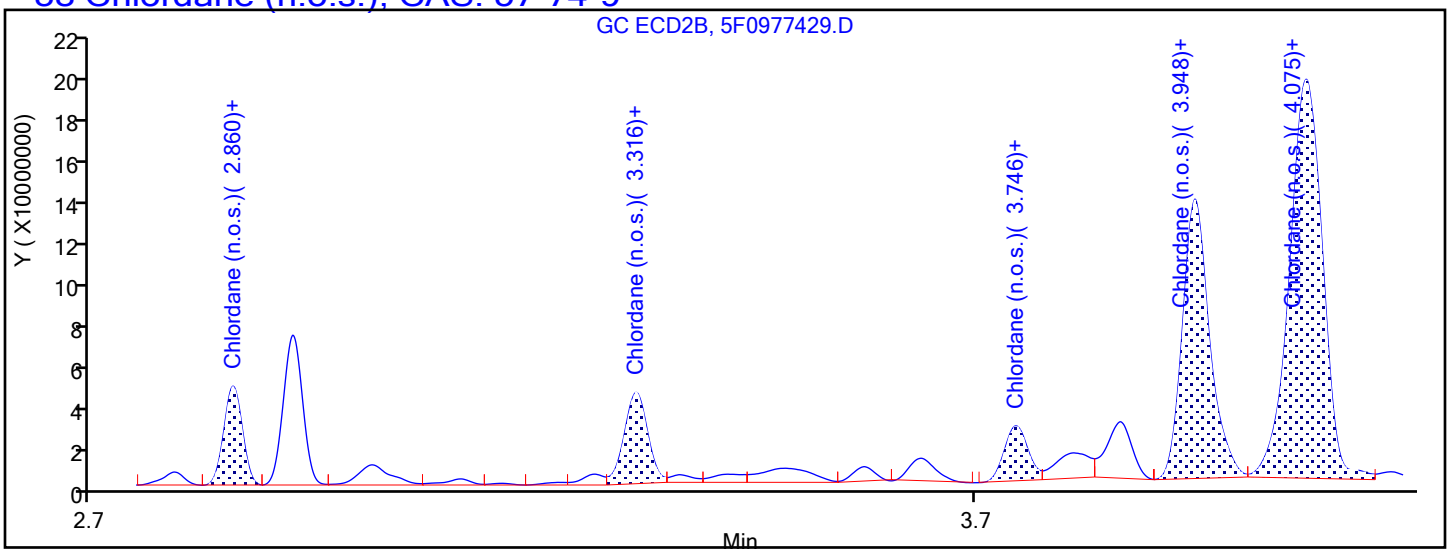
Report Date: 22-Jan-2025 03:46:02 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

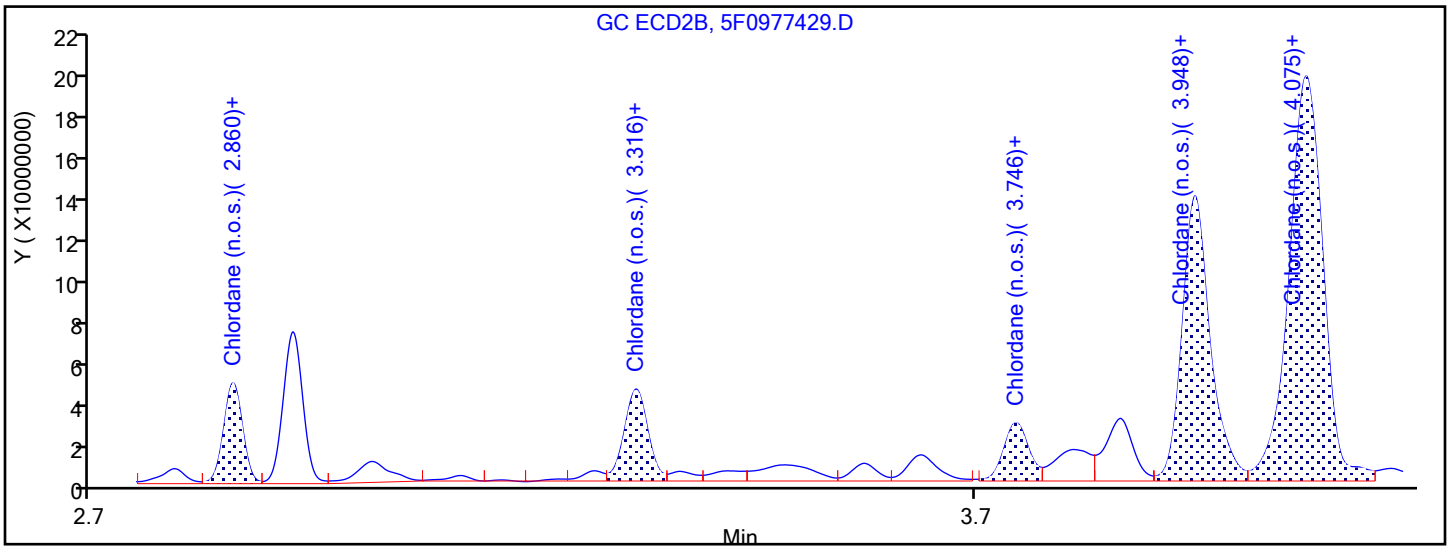
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977429.D
Injection Date: 21-Jan-2025 11:58:24 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.860 | Response = 70348038 |
| 3.316 | Response = 81559924 |
| 3.746 | Response = 48763790 |
| 3.948 | Response = 287900903 |
| 4.075 | Response = 498891129 |




Manual Integration Results

| | | |
|---|---|---|
| 2.860 | Response = 71486722 | M |
| 3.316 | Response = 85171750 | M |
| 3.746 | Response = 56995306 | M |
| 3.948 | Response = 305128643 | M |
| 4.075 | Response = 523430863 | M |

Reviewer: ESS0, 22-Jan-2025 03:04:13 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Chlordane (n.o.s.) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

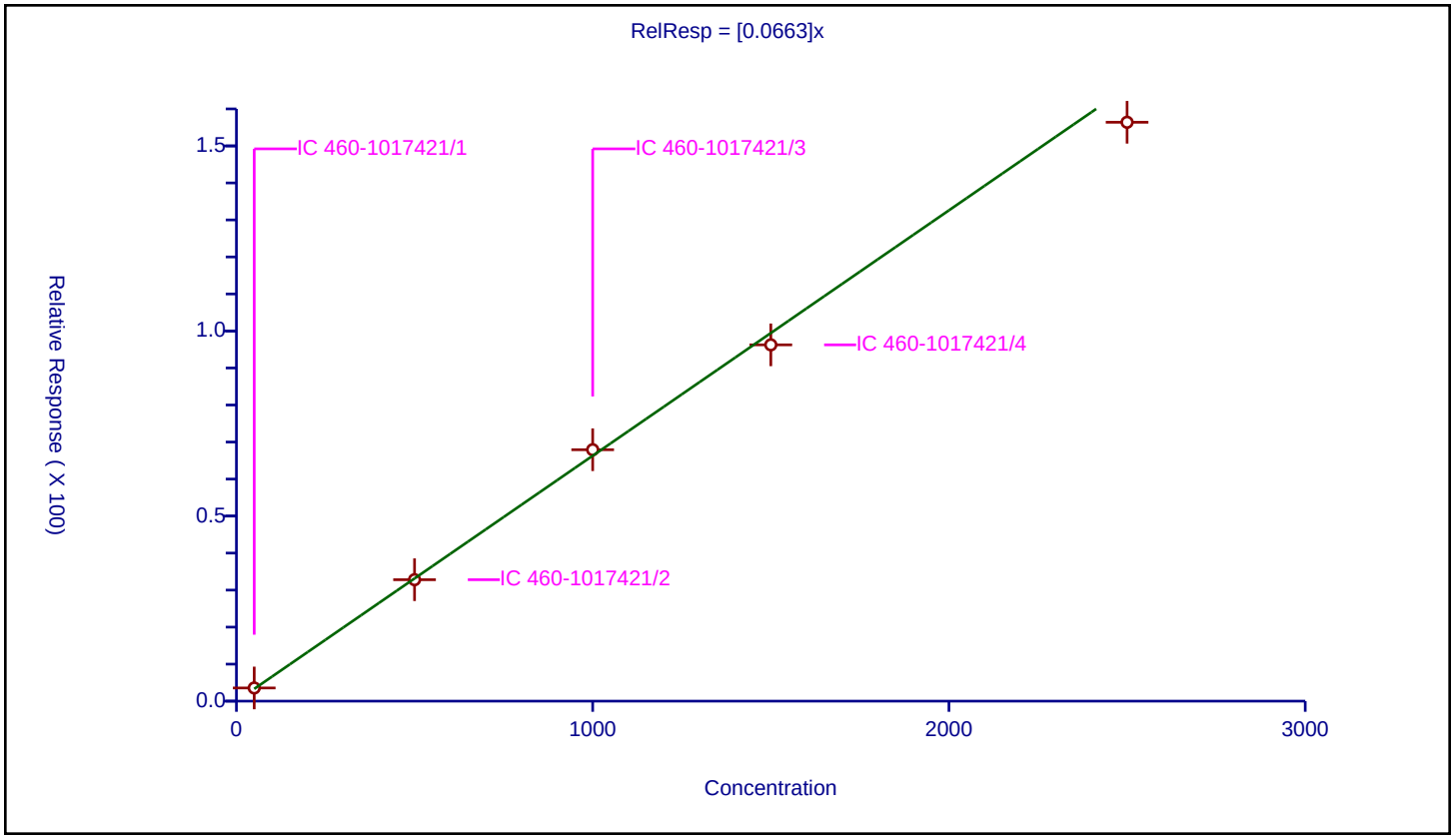
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0663 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.56141 | 100.0 | 62201795.0 | 0.071228 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 32.807049 | 100.0 | 44373689.0 | 0.065614 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 67.919329 | 100.0 | 49331926.0 | 0.067919 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 96.258908 | 100.0 | 43183006.0 | 0.064173 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 156.388684 | 100.0 | 45710930.0 | 0.062555 | Y |



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## Calibration / Chlordane (technical) Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

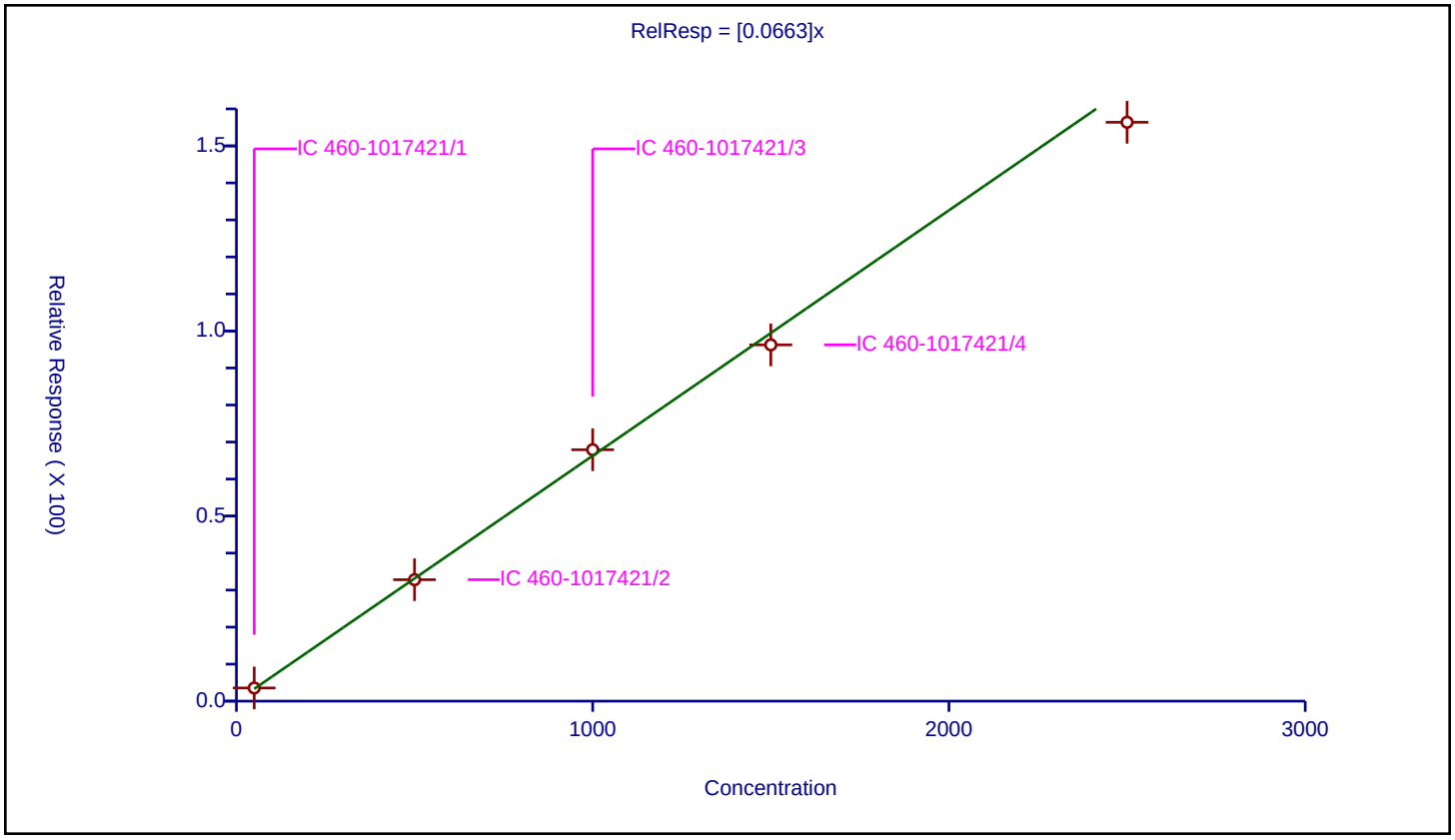
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0663 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 3.56141 | 100.0 | 62201795.0 | 0.071228 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 32.807049 | 100.0 | 44373689.0 | 0.065614 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 67.919329 | 100.0 | 49331926.0 | 0.067919 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 96.258908 | 100.0 | 43183006.0 | 0.064173 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 156.388684 | 100.0 | 45710930.0 | 0.062555 | Y |






2/14/2025
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## Calibration / Chlordane (n.o.s.) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

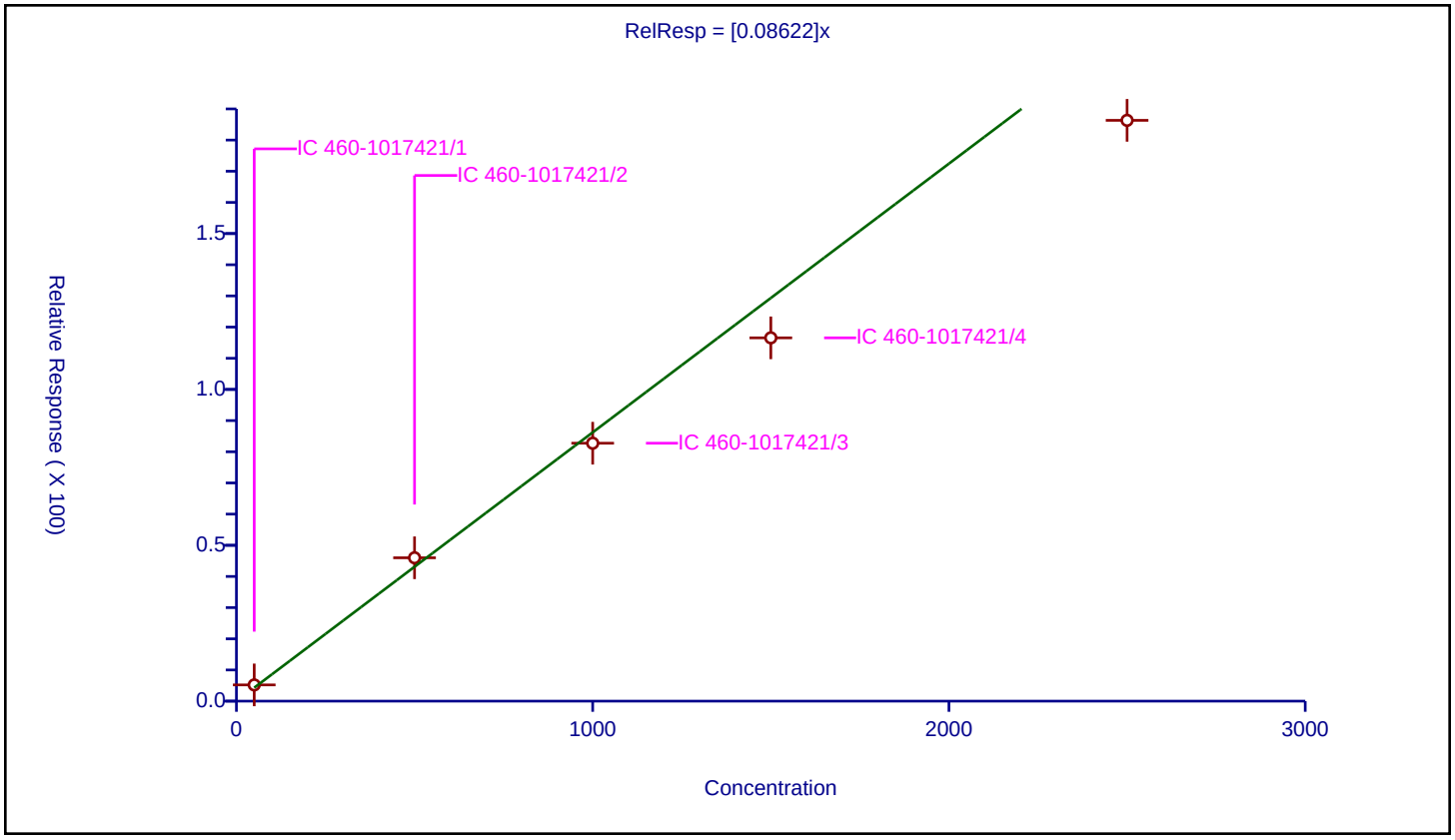
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08622 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 5.206581 | 100.0 | 62201795.0 | 0.104132 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 45.987191 | 100.0 | 44373689.0 | 0.091974 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 82.750844 | 100.0 | 49331926.0 | 0.082751 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 116.552129 | 100.0 | 43183006.0 | 0.077701 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 186.326881 | 100.0 | 45710930.0 | 0.074531 | Y |



## Calibration / Chlordane (technical) Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

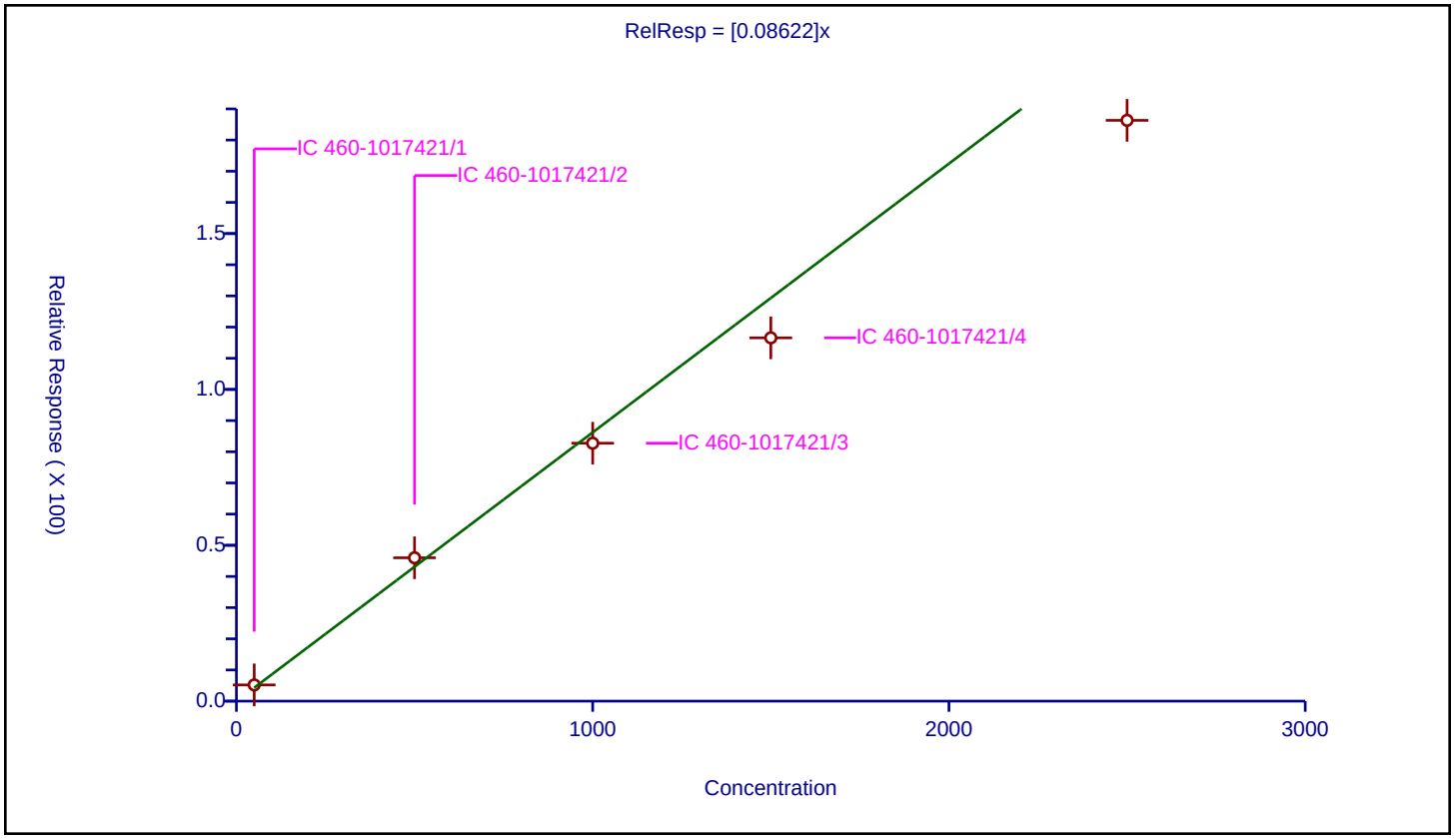
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08622 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 5.206581 | 100.0 | 62201795.0 | 0.104132 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 45.987191 | 100.0 | 44373689.0 | 0.091974 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 82.750844 | 100.0 | 49331926.0 | 0.082751 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 116.552129 | 100.0 | 43183006.0 | 0.077701 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 186.326881 | 100.0 | 45710930.0 | 0.074531 | Y |



## Calibration / Chlordane (n.o.s.) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

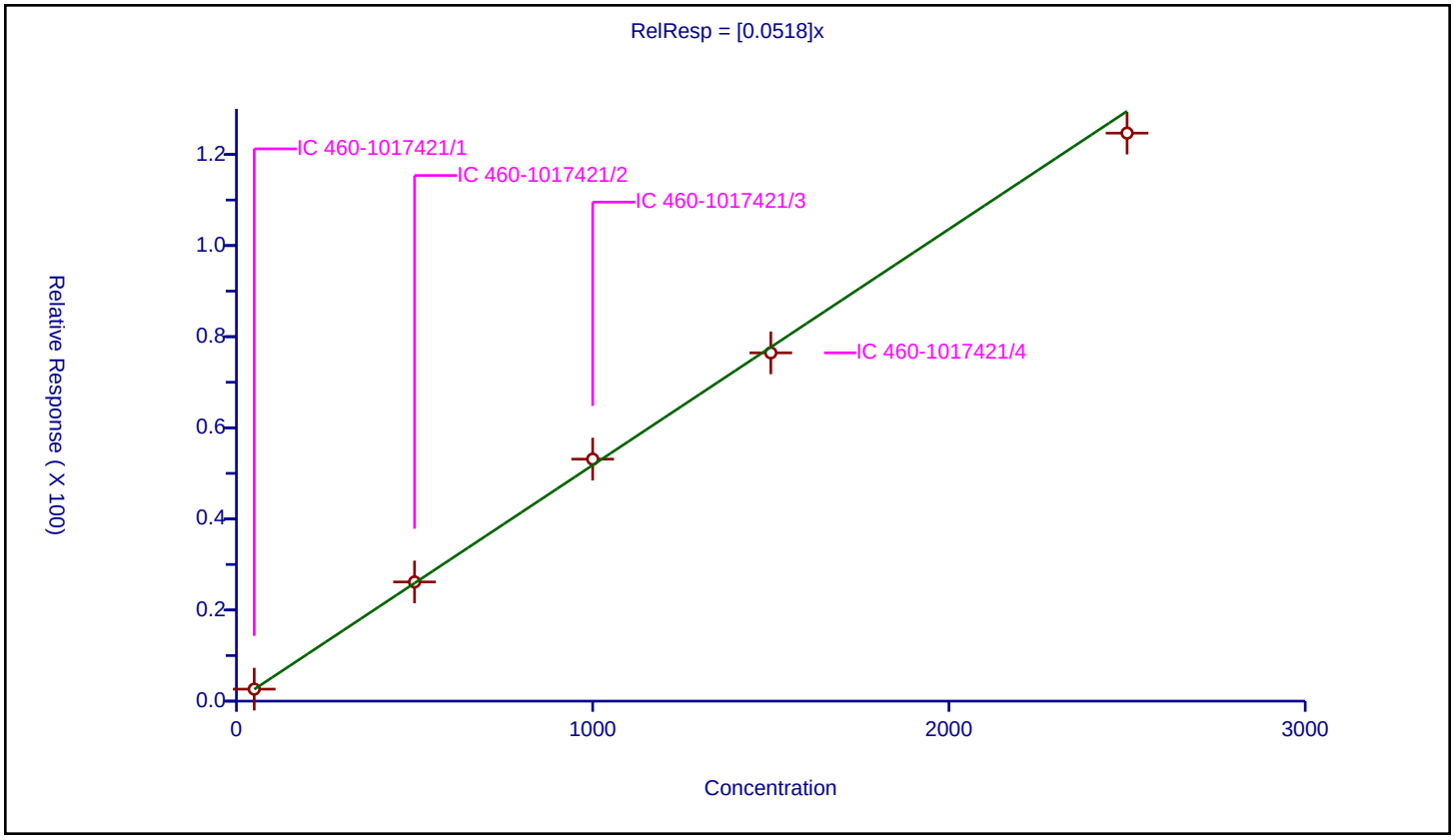
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0518 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 2.63613 | 100.0 | 62201795.0 | 0.052723 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 26.159376 | 100.0 | 44373689.0 | 0.052319 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 53.119071 | 100.0 | 49331926.0 | 0.053119 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 76.451982 | 100.0 | 43183006.0 | 0.050968 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 124.686385 | 100.0 | 45710930.0 | 0.049875 | Y |



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## Calibration / Chlordane (technical) Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

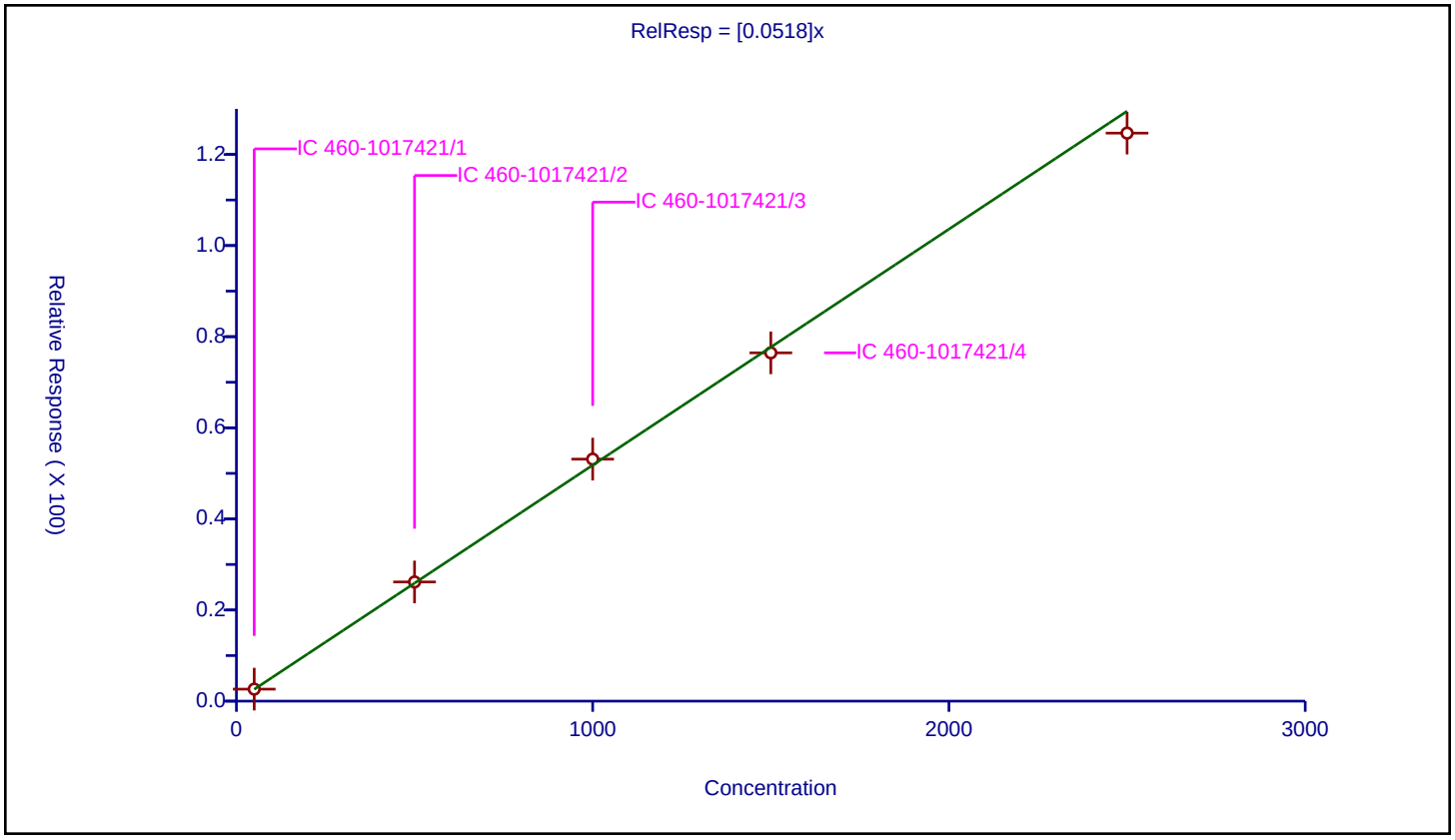
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0518 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 2.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 2.63613 | 100.0 | 62201795.0 | 0.052723 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 26.159376 | 100.0 | 44373689.0 | 0.052319 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 53.119071 | 100.0 | 49331926.0 | 0.053119 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 76.451982 | 100.0 | 43183006.0 | 0.050968 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 124.686385 | 100.0 | 45710930.0 | 0.049875 | Y |



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## Calibration / Chlordane (n.o.s.) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

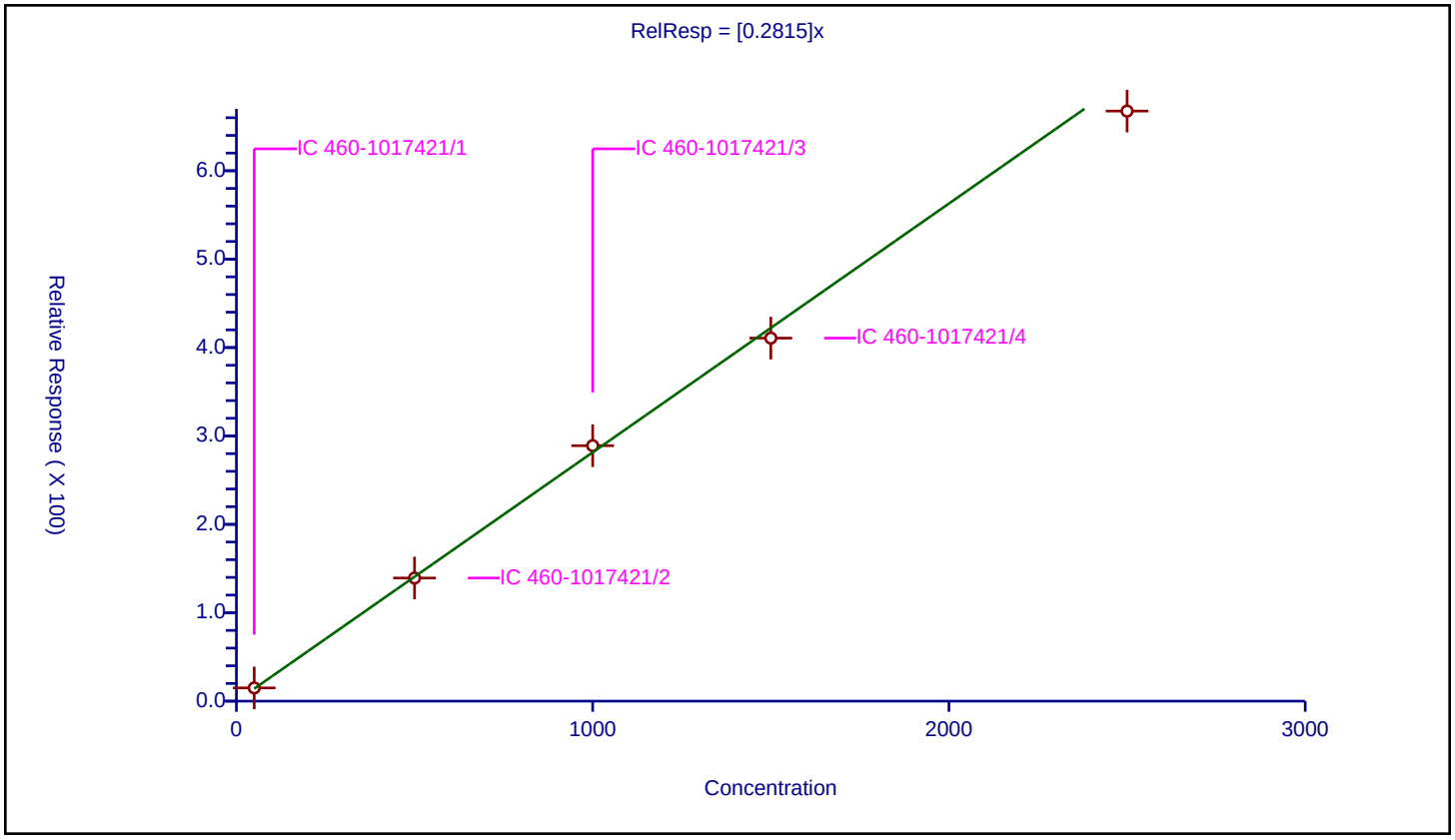
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 14.947065 | 100.0 | 62201795.0 | 0.298941 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 139.287094 | 100.0 | 44373689.0 | 0.278574 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 288.985636 | 100.0 | 49331926.0 | 0.288986 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 410.702981 | 100.0 | 43183006.0 | 0.273802 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 667.517907 | 100.0 | 45710930.0 | 0.267007 | Y |



## Calibration / Chlordane (technical) Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

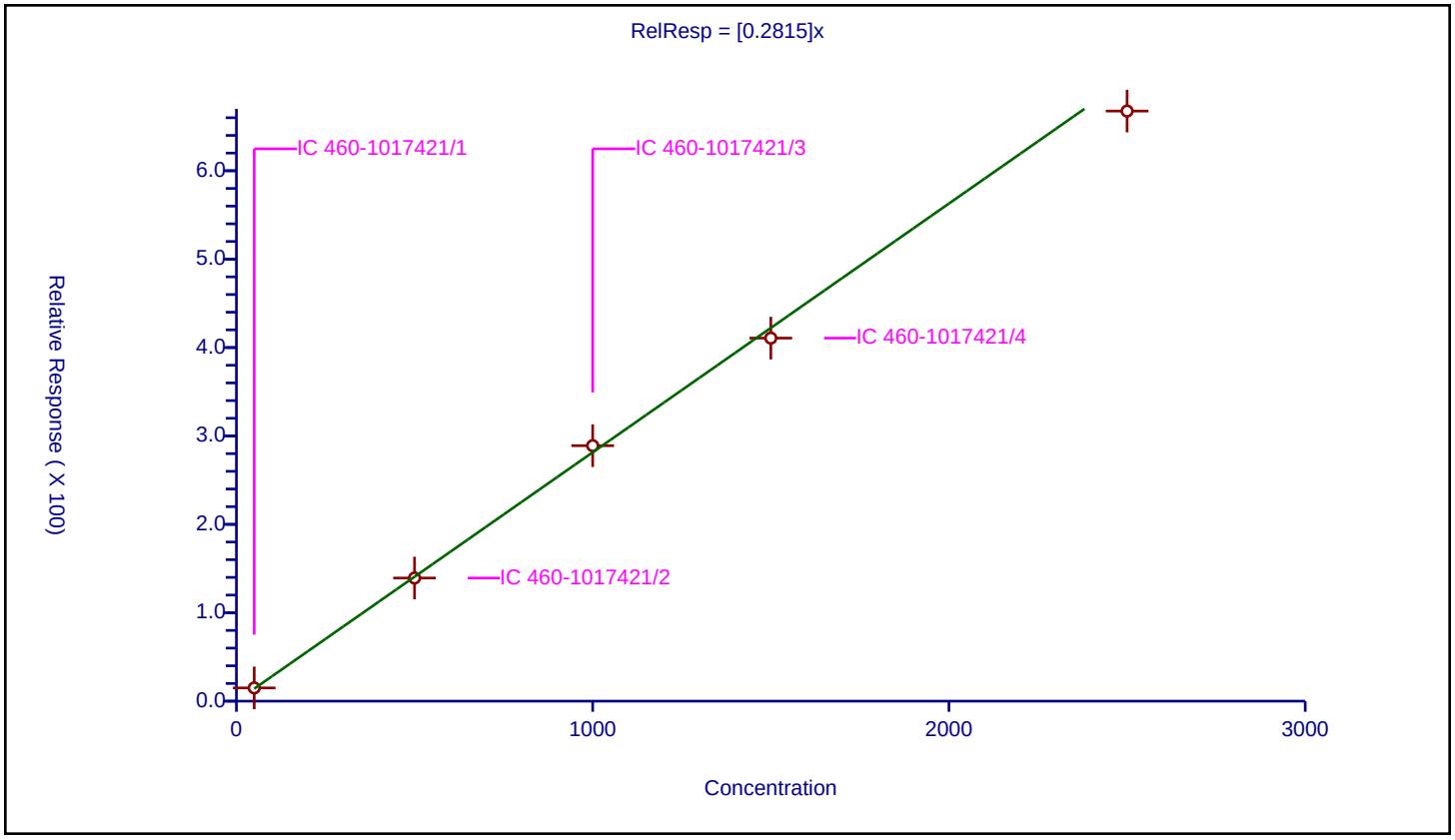
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2815 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 14.947065 | 100.0 | 62201795.0 | 0.298941 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 139.287094 | 100.0 | 44373689.0 | 0.278574 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 288.985636 | 100.0 | 49331926.0 | 0.288986 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 410.702981 | 100.0 | 43183006.0 | 0.273802 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 667.517907 | 100.0 | 45710930.0 | 0.267007 | Y |



## Calibration / Chlordane (n.o.s.) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

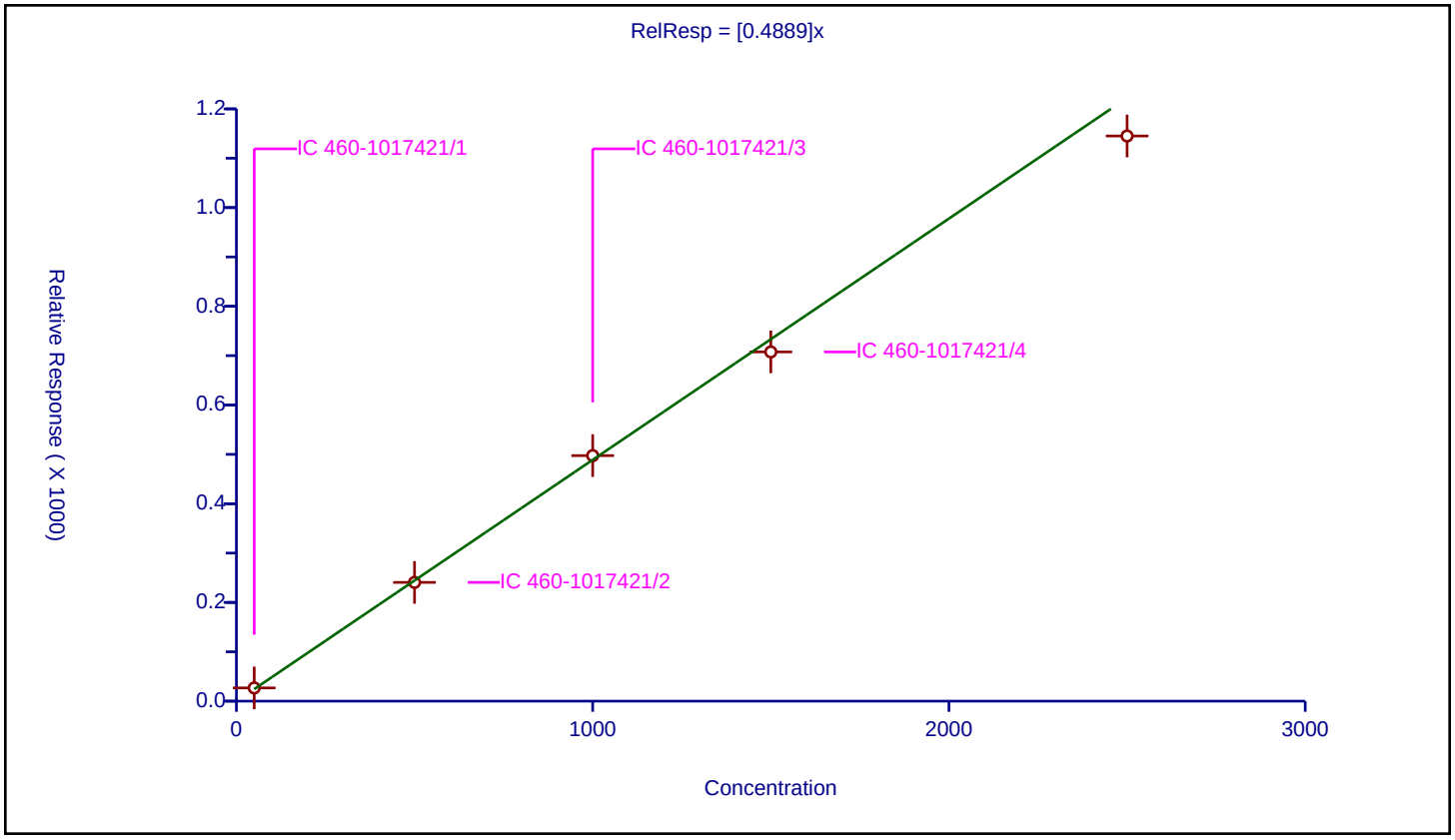
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4889 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 26.798412 | 100.0 | 62201795.0 | 0.535968 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 240.580976 | 100.0 | 44373689.0 | 0.481162 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 497.455244 | 100.0 | 49331926.0 | 0.497455 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 707.605721 | 100.0 | 43183006.0 | 0.471737 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 1145.08907 | 100.0 | 45710930.0 | 0.458036 | Y |



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## Calibration / Chlordane (technical) Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

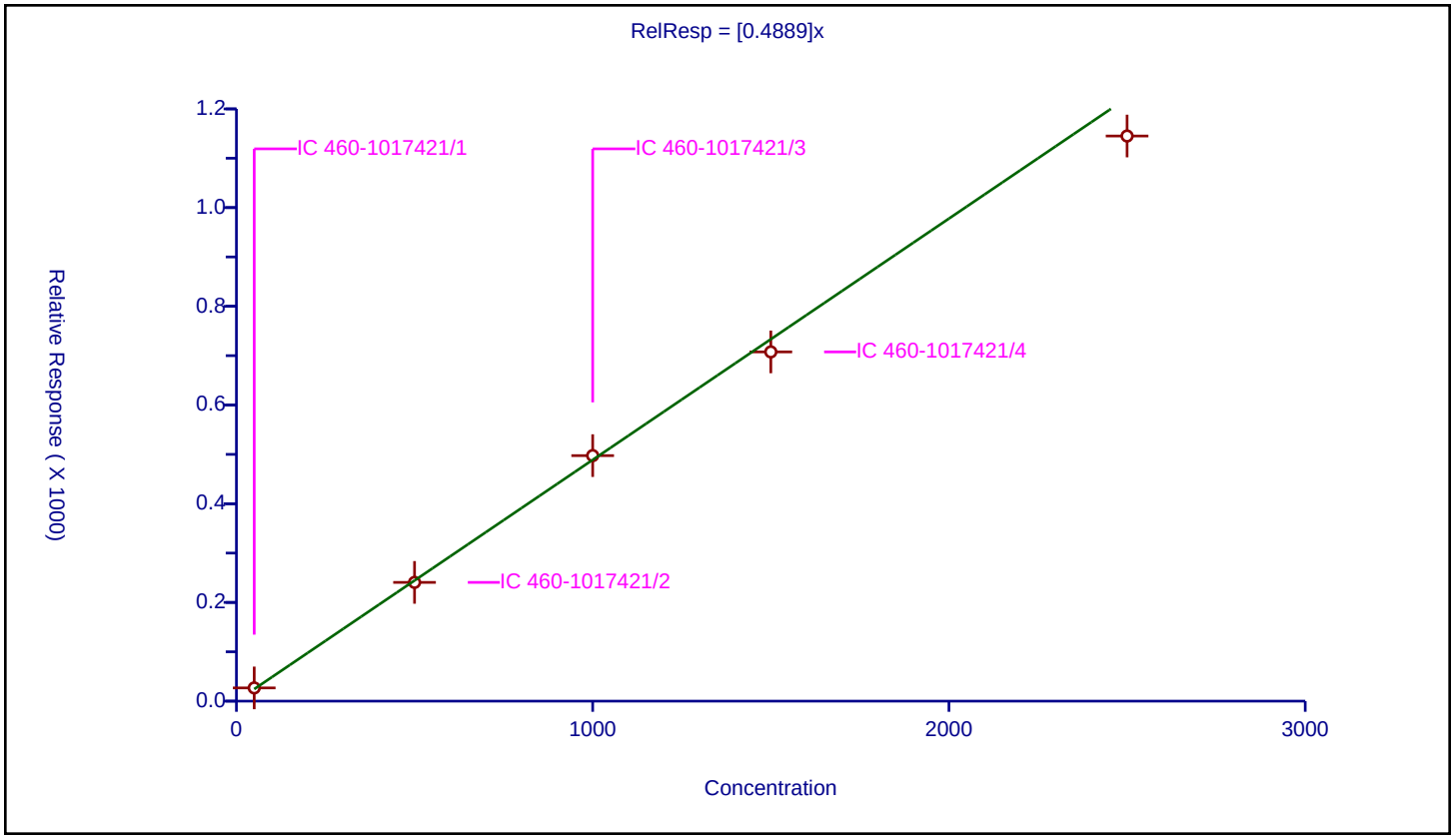
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4889 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017421/1 | 50.0 | 26.798412 | 100.0 | 62201795.0 | 0.535968 | Y |
| 2 | IC 460-1017421/2 | 500.0 | 240.580976 | 100.0 | 44373689.0 | 0.481162 | Y |
| 3 | IC 460-1017421/3 | 1000.0 | 497.455244 | 100.0 | 49331926.0 | 0.497455 | Y |
| 4 | IC 460-1017421/4 | 1500.0 | 707.605721 | 100.0 | 43183006.0 | 0.471737 | Y |
| 5 | IC 460-1017421/5 | 2500.0 | 1145.08907 | 100.0 | 45710930.0 | 0.458036 | Y |



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FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017424

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 12:37 Calibration End Date: 01/21/2025 13:29 Calibration ID: 99929

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017424/1 | 5F0977432.D |
| Level 2 | IC 460-1017424/2 | 5F0977433.D |
| Level 3 | IC 460-1017424/3 | 5F0977434.D |
| Level 4 | IC 460-1017424/4 | 5F0977435.D |
| Level 5 | IC 460-1017424/5 | 5F0977436.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0173 | 0.0234 | 0.0188 | 0.0196 | 0.0194 | Ave | | 0.0197 | | | | 11.4 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0213 | 0.0295 | 0.0224 | 0.0237 | 0.0237 | Ave | | 0.0241 | | | | 13.3 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0502 | 0.0710 | 0.0548 | 0.0592 | 0.0594 | Ave | | 0.0589 | | | | 13.1 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0377 | 0.0576 | 0.0447 | 0.0487 | 0.0491 | Ave | | 0.0476 | | | | 15.2 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0424 | 0.0693 | 0.0588 | 0.0680 | 0.0723 | Ave | | 0.0622 | | | | 19.5 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017424

SDG No.:

Instrument ID: CPESTGC5 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 12:37 | Calibration End Date: 01/21/2025 13:29 | Calibration ID: 99929

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017424/1 | 5F0977432.D |
| Level 2 | IC 460-1017424/2 | 5F0977433.D |
| Level 3 | IC 460-1017424/3 | 5F0977434.D |
| Level 4 | IC 460-1017424/4 | 5F0977435.D |
| Level 5 | IC 460-1017424/5 | 5F0977436.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 289877 | 3480678 | 6176367 | 8746632 | 13880860 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 356342 | 4396553 | 7346081 | 10554487 | 16957991 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 841636 | 10578923 | 18015311 | 26397267 | 42588811 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 631345 | 8577509 | 14679643 | 21738792 | 35218401 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 711077 | 10325580 | 19314222 | 30342300 | 51858467 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 12:37:20 ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-001
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:06 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:49:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.511 | -0.001 | 33506153 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 56928605 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 289877 | 50.0 | 43.9 | M |
| 1 | 5.442 | 5.444 | -0.002 | 356342 | 50.0 | 44.1 | M |
| 1 | 5.527 | 5.528 | -0.001 | 841636 | 50.0 | 42.6 | M |
| 1 | 5.757 | 5.759 | -0.002 | 631345 | 50.0 | 39.6 | M |
| 1 | 6.286 | 6.286 | 0.000 | 711077 | 50.0 | 34.1 | M |
| | | Average of Peak Amounts = | | | | 40.9 | |
| 2 | 4.972 | 4.972 | 0.000 | 979512 | 50.0 | 46.3 | M |
| 2 | 5.081 | 5.084 | -0.003 | 1204256 | 50.0 | 52.0 | M |
| 2 | 5.269 | 5.271 | -0.002 | 1844193 | 50.0 | 59.2 | M |
| 2 | 5.430 | 5.433 | -0.003 | 2589657 | 50.0 | 57.9 | M |
| 2 | 5.610 | 5.610 | 0.000 | 2388099 | 50.0 | 59.7 | M |
| | | Average of Peak Amounts = | | | | 55.0 | |
| | | | | | | RPD = 29.44 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

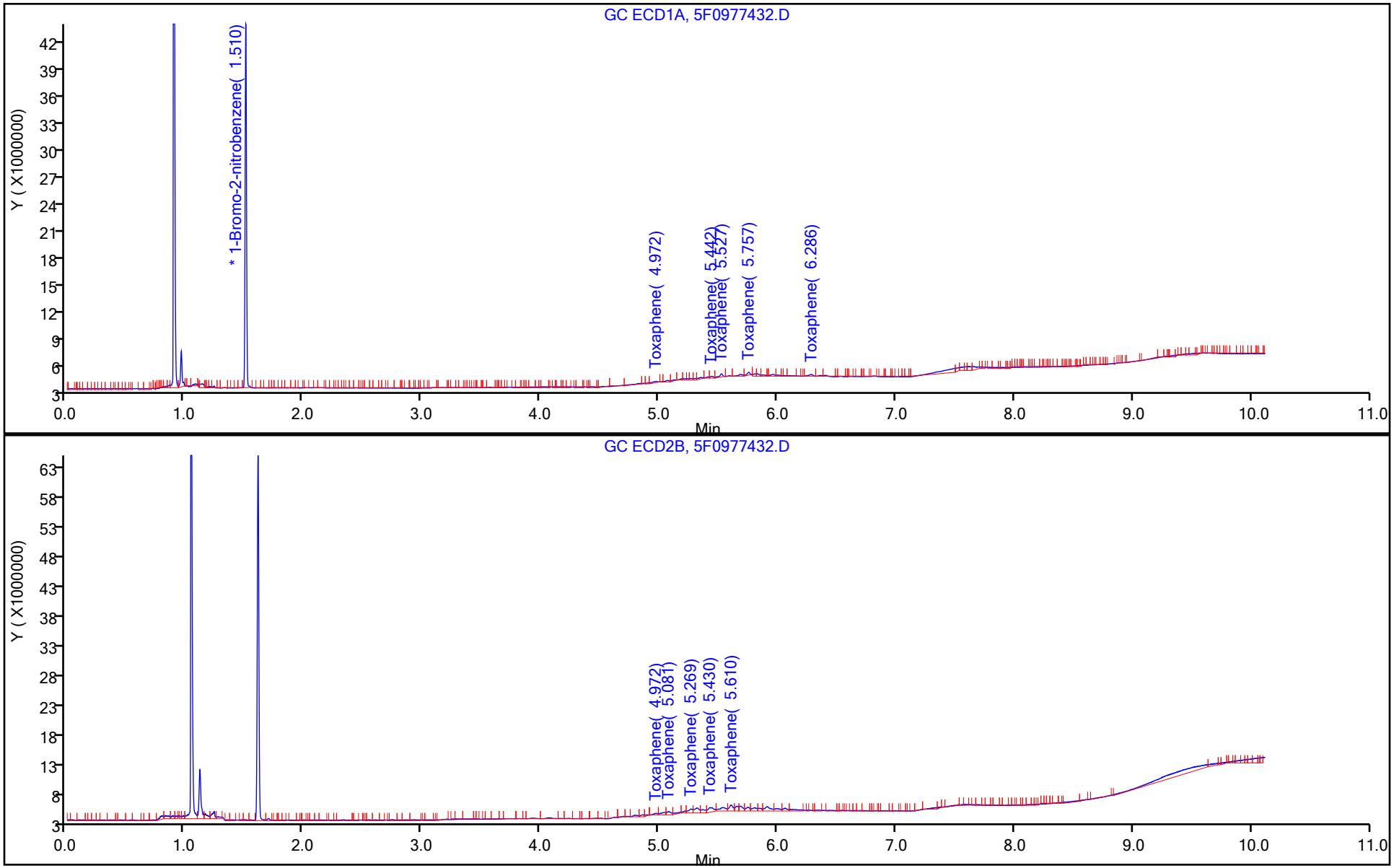
SGTOXAPHENEL1_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Jan-2025 03:49:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:37:20 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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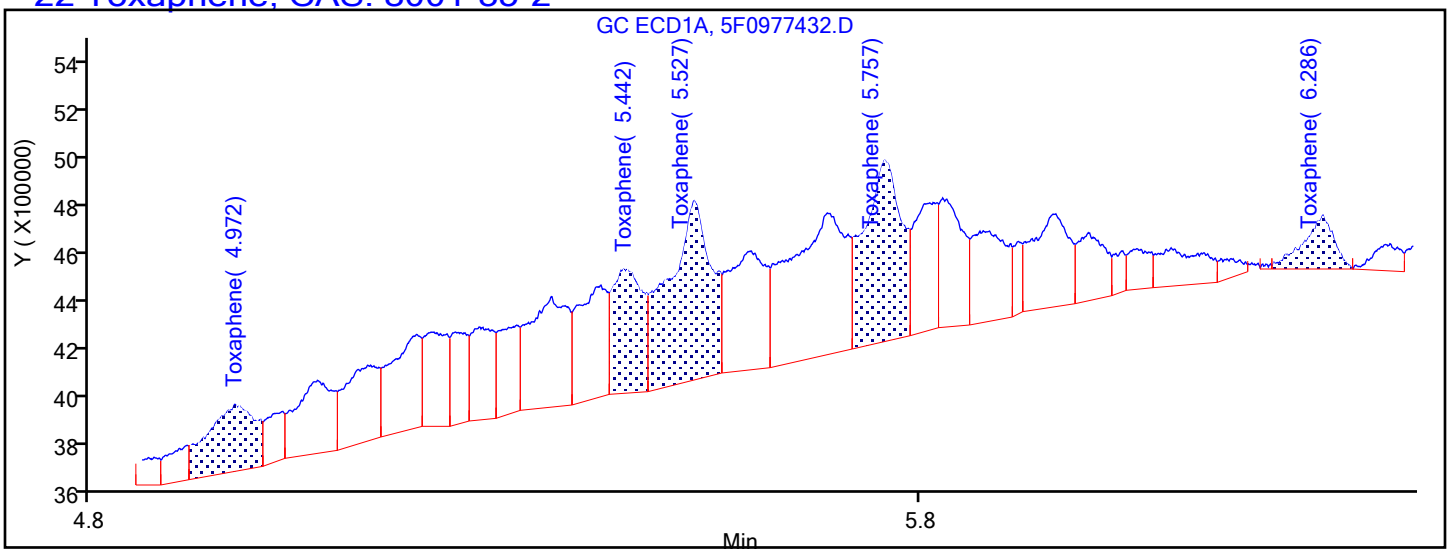
Report Date: 22-Jan-2025 03:49:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

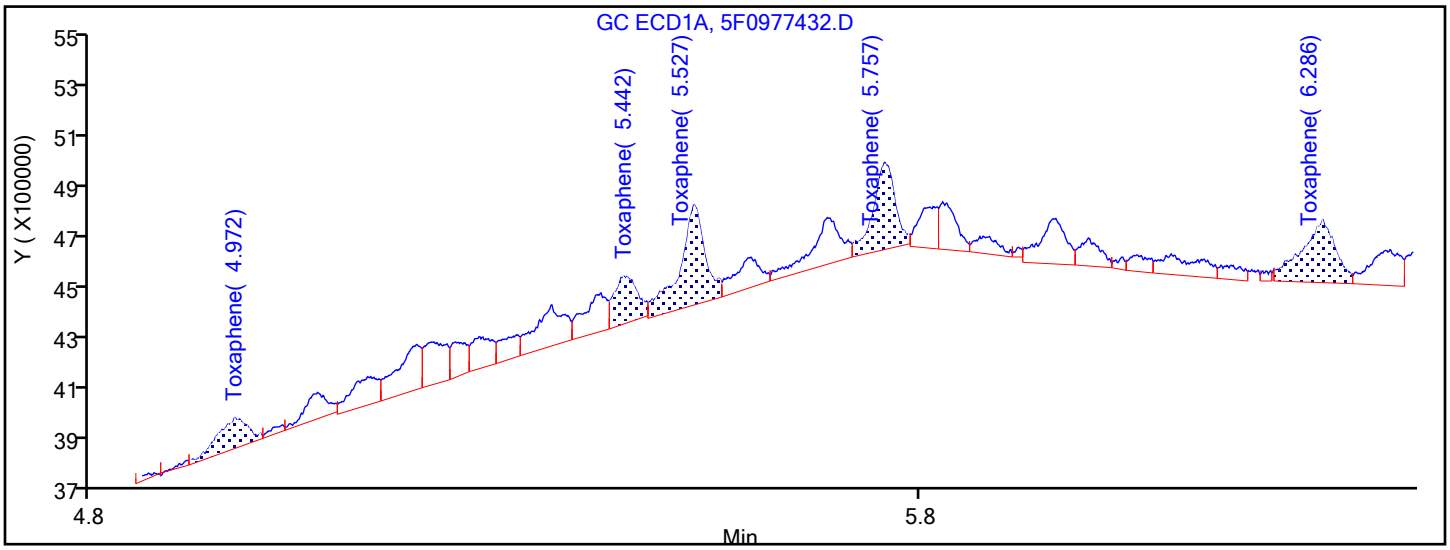
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D
Injection Date: 21-Jan-2025 12:37:20 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 1098396 |
| 5.442 | Response = 1264424 |
| 5.527 | Response = 2662220 |
| 5.757 | Response = 2308405 |
| 6.286 | Response = 568037 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 289877 | M |
| 5.442 | Response = 356342 | M |
| 5.527 | Response = 841636 | M |
| 5.757 | Response = 631345 | M |
| 6.286 | Response = 711077 | M |

Reviewer: ESS0, 22-Jan-2025 03:10:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 2
Inject. Date: 21-Jan-2025 12:50:25 ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-002
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:09 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:06:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 29790556 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 51364736 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 3480678 | 500.0 | 593.5 | M |
| 1 | 5.444 | 5.444 | 0.000 | 4396553 | 500.0 | 612.6 | M |
| 1 | 5.527 | 5.528 | -0.001 | 10578923 | 500.0 | 602.6 | M |
| 1 | 5.760 | 5.759 | 0.001 | 8577509 | 500.0 | 605.4 | M |
| 1 | 6.286 | 6.286 | 0.000 | 10325580 | 500.0 | 557.4 | M |
| | | Average of Peak Amounts = | | | | 594.3 | |
| 2 | 4.975 | 4.972 | 0.003 | 10124439 | 500.0 | 530.0 | M |
| 2 | 5.082 | 5.084 | -0.002 | 10733995 | 500.0 | 514.1 | M |
| 2 | 5.272 | 5.271 | 0.001 | 14536166 | 500.0 | 516.7 | M |
| 2 | 5.432 | 5.433 | -0.001 | 21570448 | 500.0 | 534.5 | M |
| 2 | 5.610 | 5.610 | 0.000 | 19042708 | 500.0 | 527.6 | M |
| | | Average of Peak Amounts = | | | | 524.6 | |
| | | | | | | RPD = 12.46 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

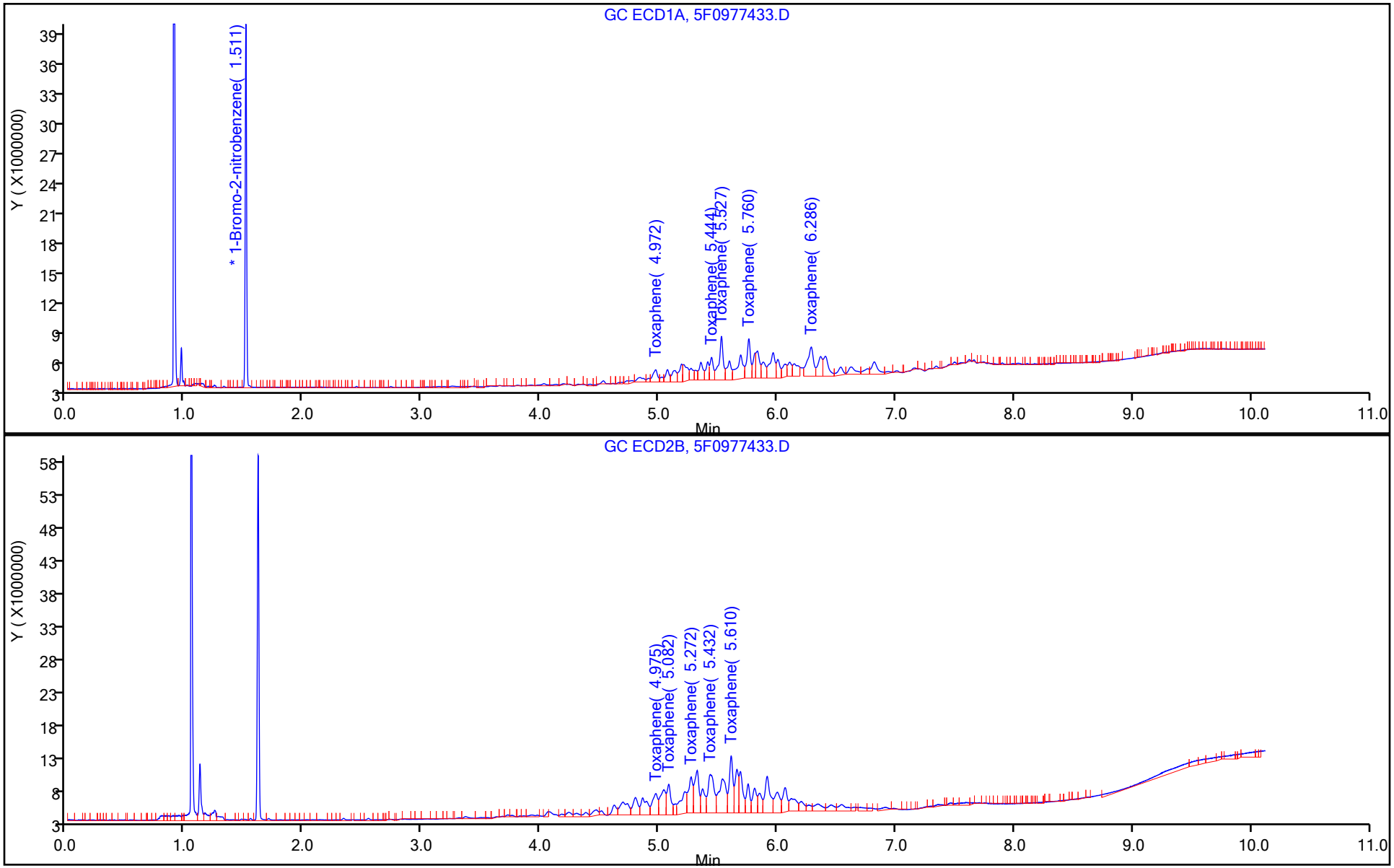
SGTOXAPHENEL3_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Jan-2025 03:49:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:50:25 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





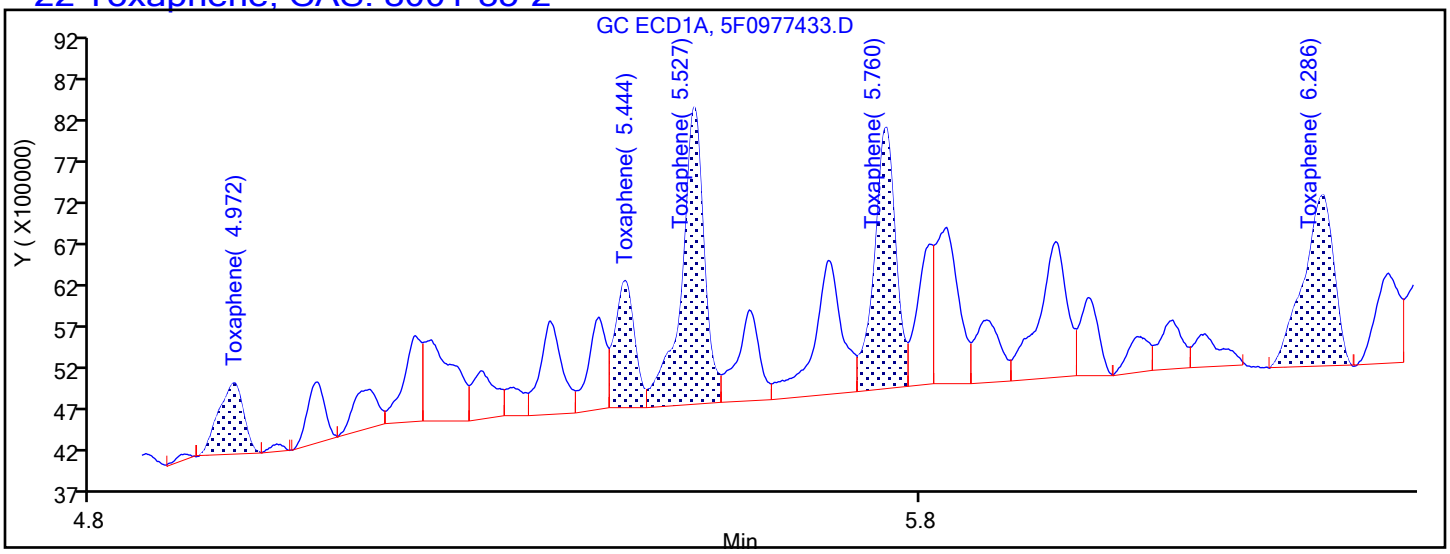

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:49:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

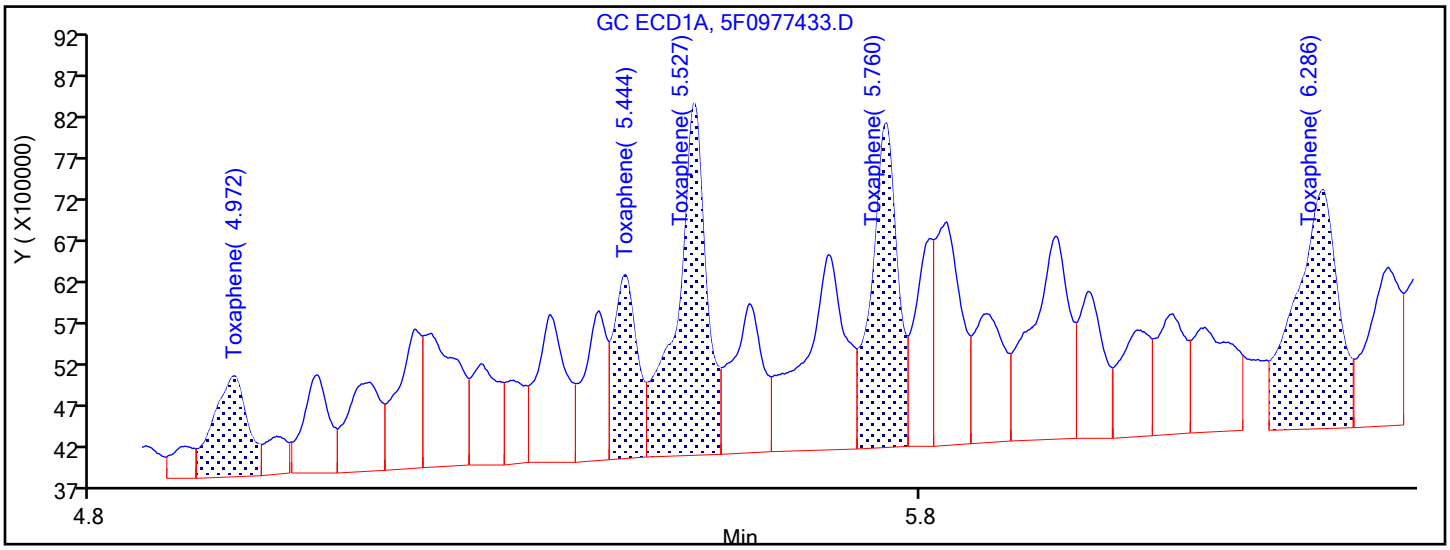
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D
Injection Date: 21-Jan-2025 12:50:25 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 1797582 |
| 5.444 | Response = 2498925 |
| 5.527 | Response = 6720456 |
| 5.760 | Response = 5669153 |
| 6.286 | Response = 5299092 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 3480678 | M |
| 5.444 | Response = 4396553 | M |
| 5.527 | Response = 10578923 | M |
| 5.760 | Response = 8577509 | M |
| 6.286 | Response = 10325580 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jan-2025 13:03:24 ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:12 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:06:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 32860487 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.615 | 0.000 | 55728465 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.971 | 4.971 | 0.000 | 6176367 | 1000.0 | 954.7 | M |
| 1 | 5.444 | 5.444 | 0.000 | 7346081 | 1000.0 | 927.9 | M |
| 1 | 5.528 | 5.528 | 0.000 | 18015311 | 1000.0 | 930.3 | M |
| 1 | 5.759 | 5.759 | 0.000 | 14679643 | 1000.0 | 939.3 | M |
| 1 | 6.286 | 6.286 | 0.000 | 19314222 | 1000.0 | 945.3 | M |
| | | Average of Peak Amounts = | | | | 939.5 | |
| 2 | 4.972 | 4.972 | 0.000 | 19662697 | 1000.0 | 948.7 | M |
| 2 | 5.084 | 5.084 | 0.000 | 21704629 | 1000.0 | 958.2 | M |
| 2 | 5.271 | 5.271 | 0.000 | 26395002 | 1000.0 | 864.8 | M |
| 2 | 5.433 | 5.433 | 0.000 | 38580289 | 1000.0 | 881.1 | M |
| 2 | 5.610 | 5.610 | 0.000 | 34620754 | 1000.0 | 884.0 | M |
| | | Average of Peak Amounts = | | | | 907.4 | |
| | | | | | | RPD = 3.48 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

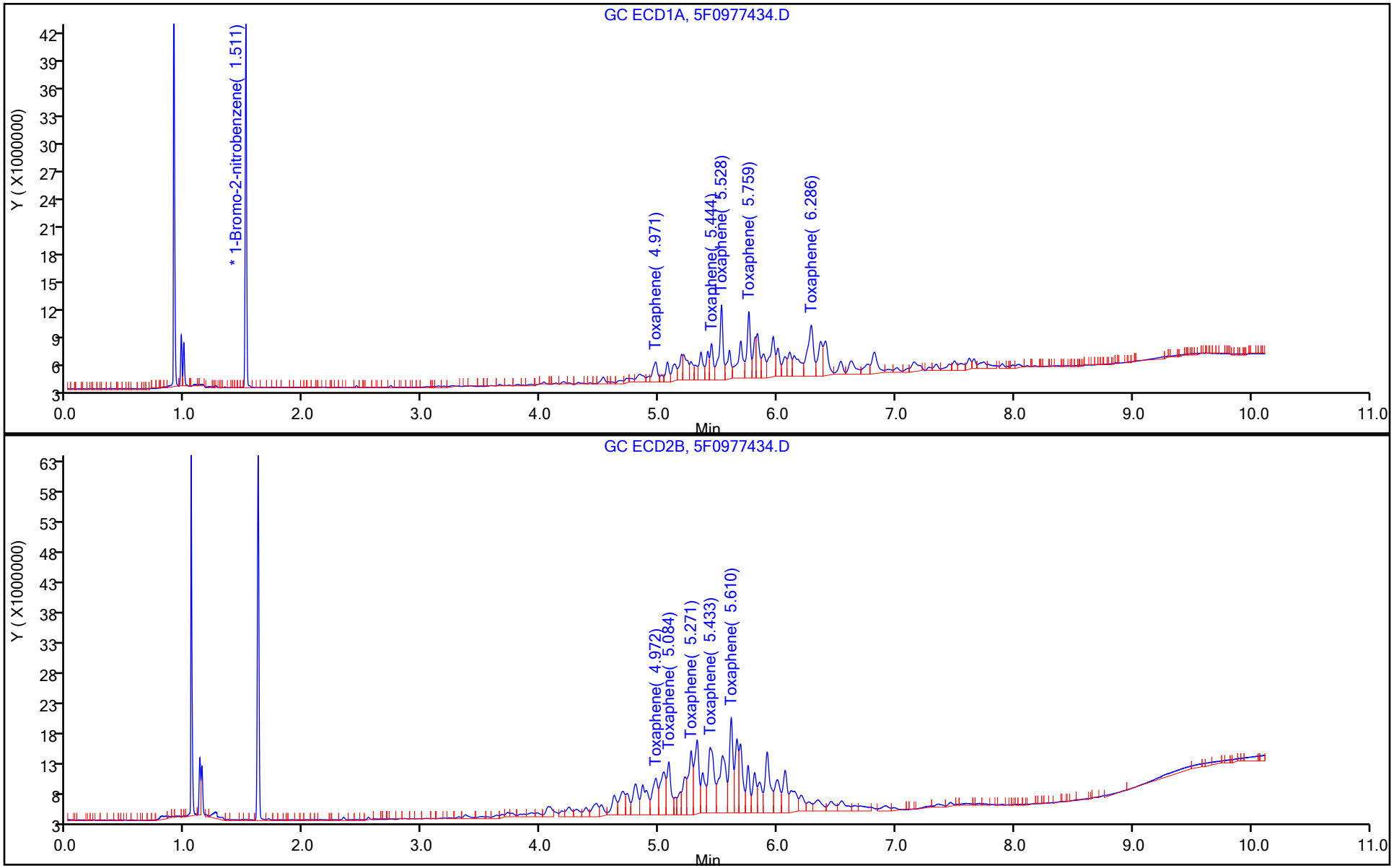
| | | | |
|---|---|---|---|
| SGTOXAPHENEL4_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:03:24 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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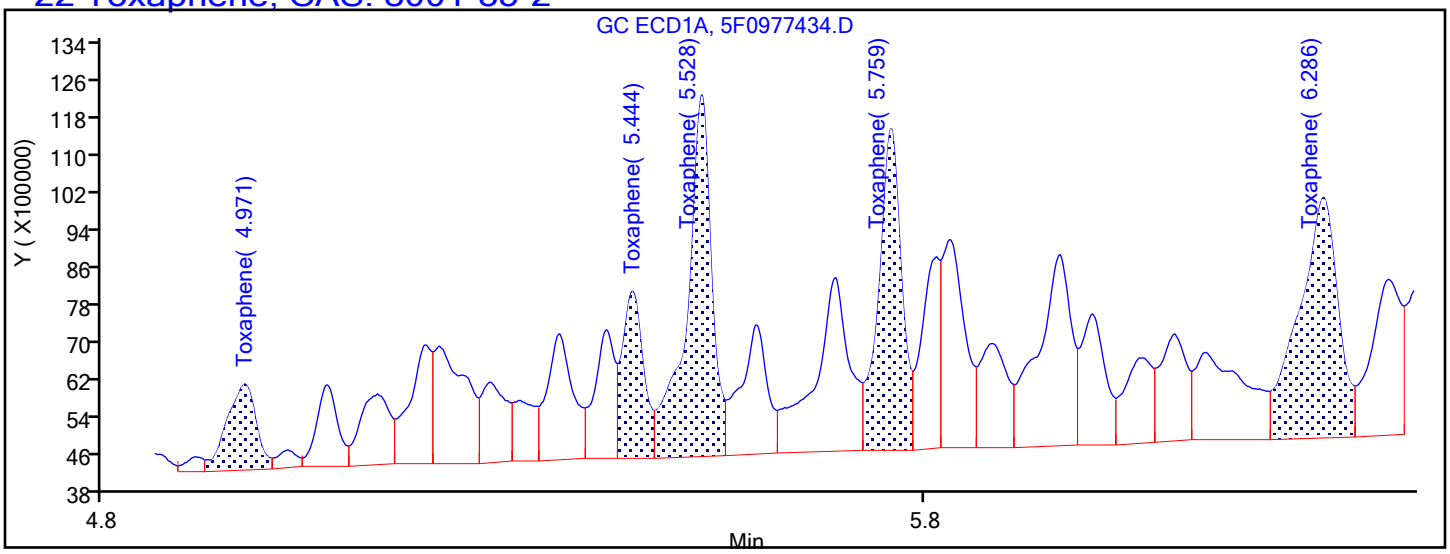
Report Date: 22-Jan-2025 03:49:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

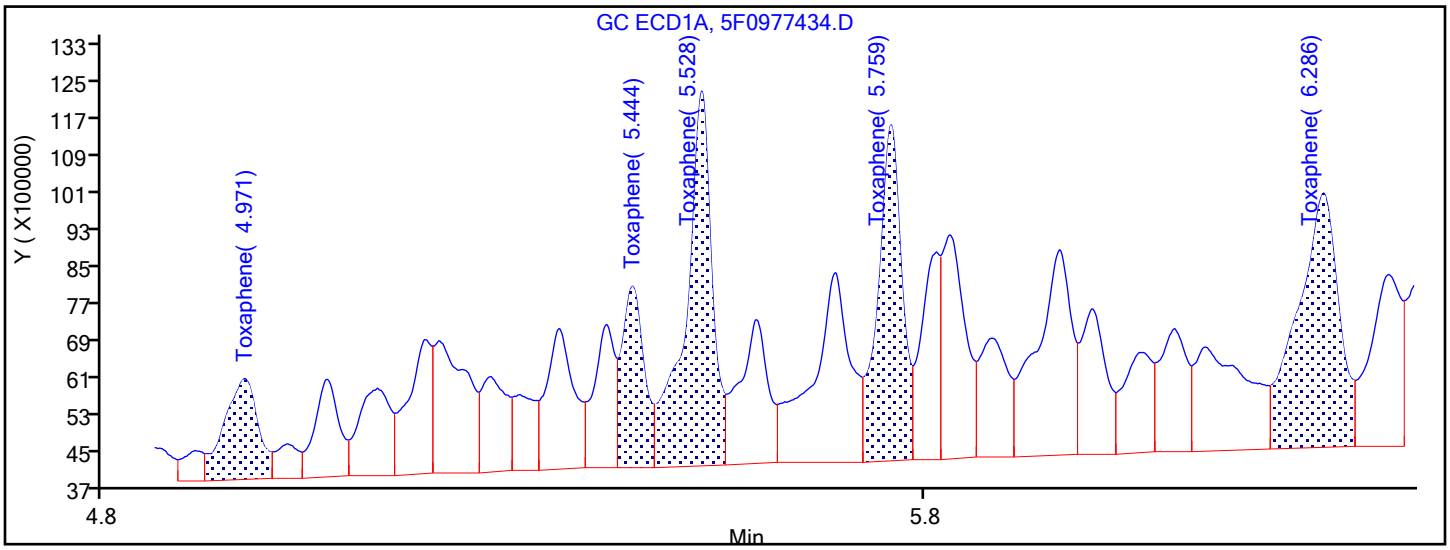
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D
Injection Date: 21-Jan-2025 13:03:24 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.971 | Response = 4537172 |
| 5.444 | Response = 6429380 |
| 5.528 | Response = 16263018 |
| 5.759 | Response = 13410104 |
| 6.286 | Response = 17206650 |




Manual Integration Results

| | | |
|---|---|---|
| 4.971 | Response = 6176367 | M |
| 5.444 | Response = 7346081 | M |
| 5.528 | Response = 18015311 | M |
| 5.759 | Response = 14679643 | M |
| 6.286 | Response = 19314222 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:31 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 13:16:23 ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:14 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:07:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 29740050 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 50311725 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 8746632 | 1500.0 | 1493.9 | M |
| 1 | 5.443 | 5.444 | -0.001 | 10554487 | 1500.0 | 1473.1 | M |
| 1 | 5.528 | 5.528 | 0.000 | 26397267 | 1500.0 | 1506.1 | M |
| 1 | 5.758 | 5.759 | -0.001 | 21738792 | 1500.0 | 1536.9 | M |
| 1 | 6.285 | 6.286 | -0.001 | 30342300 | 1500.0 | 1640.8 | M |
| | | Average of Peak Amounts = | | | | 1530.2 | |
| 2 | 4.975 | 4.972 | 0.003 | 29219723 | 1500.0 | 1561.6 | M |
| 2 | 5.083 | 5.084 | -0.001 | 31332250 | 1500.0 | 1532.2 | M |
| 2 | 5.271 | 5.271 | 0.000 | 40508922 | 1500.0 | 1470.2 | M |
| 2 | 5.433 | 5.433 | 0.000 | 56362679 | 1500.0 | 1425.8 | M |
| 2 | 5.610 | 5.610 | 0.000 | 50269935 | 1500.0 | 1421.9 | M |
| | | Average of Peak Amounts = | | | | 1482.3 | |
| | | | | | | RPD = 3.18 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

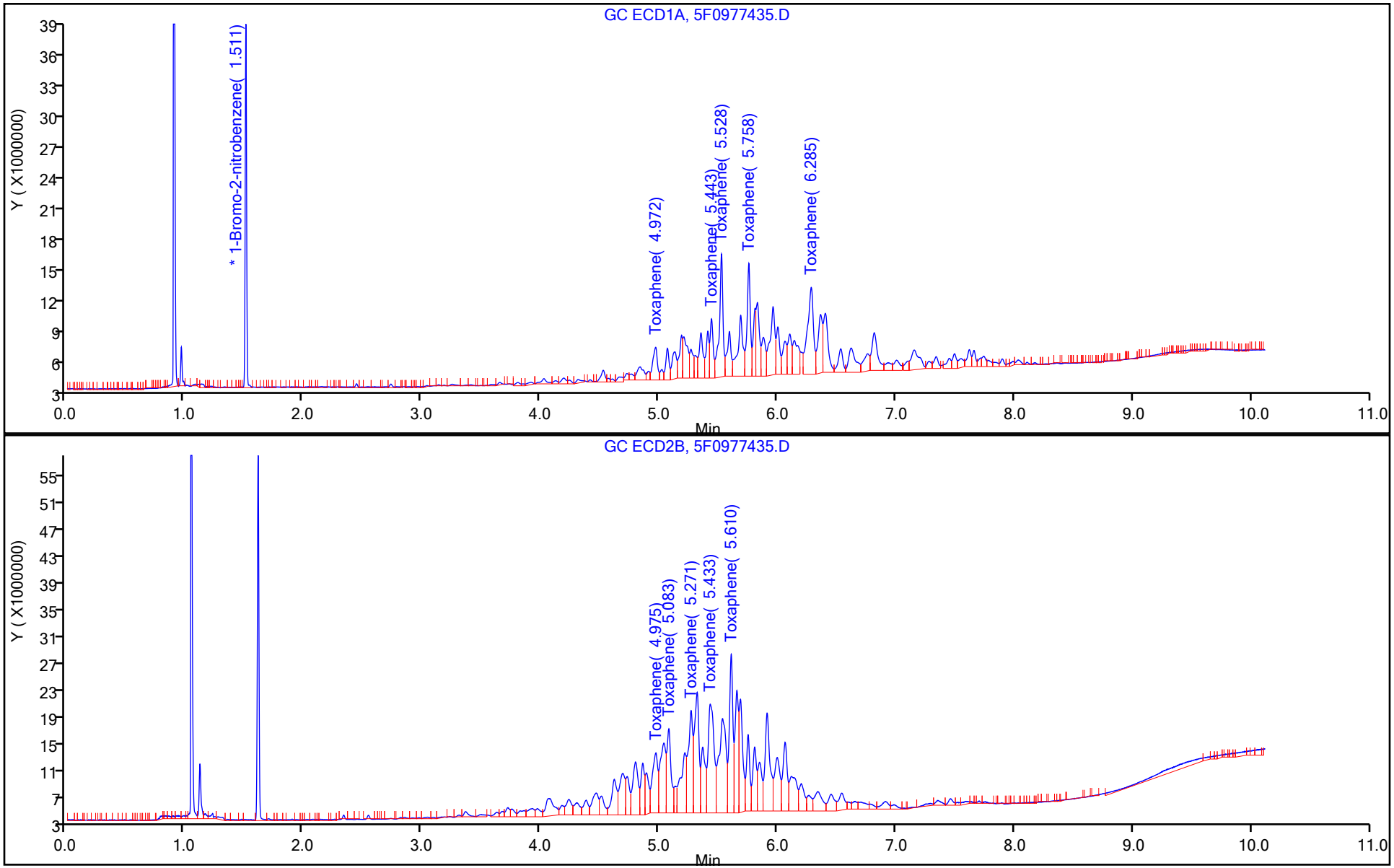
| | | | |
|---|---|---|---|
| SGTOXAPHENEL5_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:16:23 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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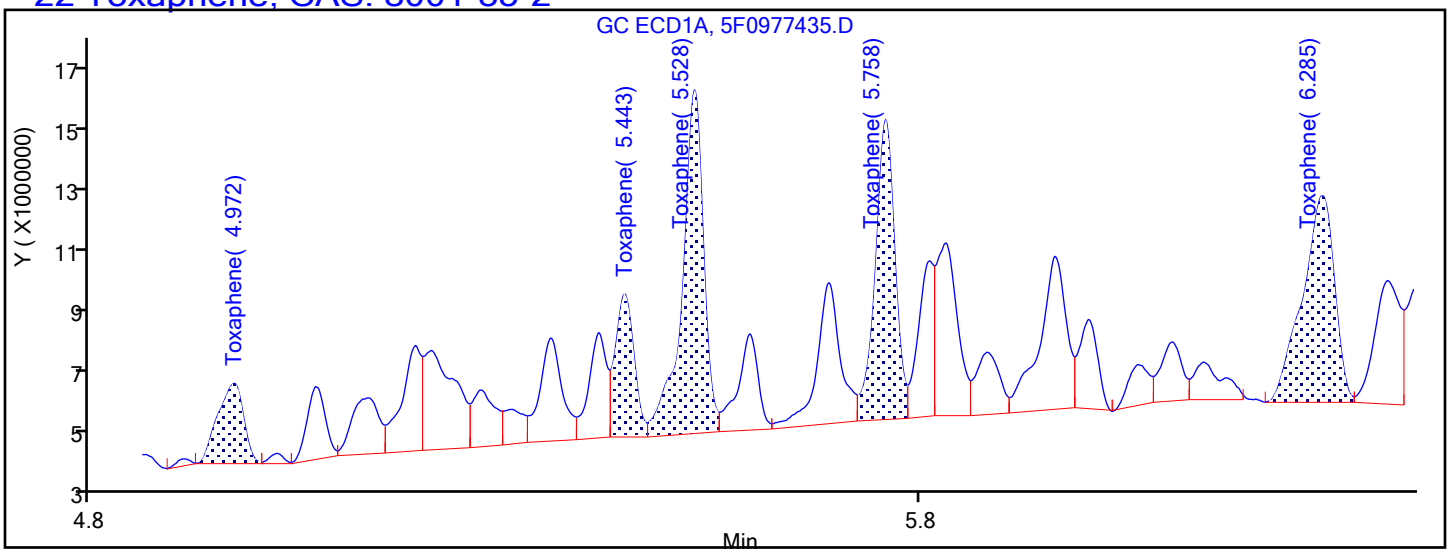
Report Date: 22-Jan-2025 03:49:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

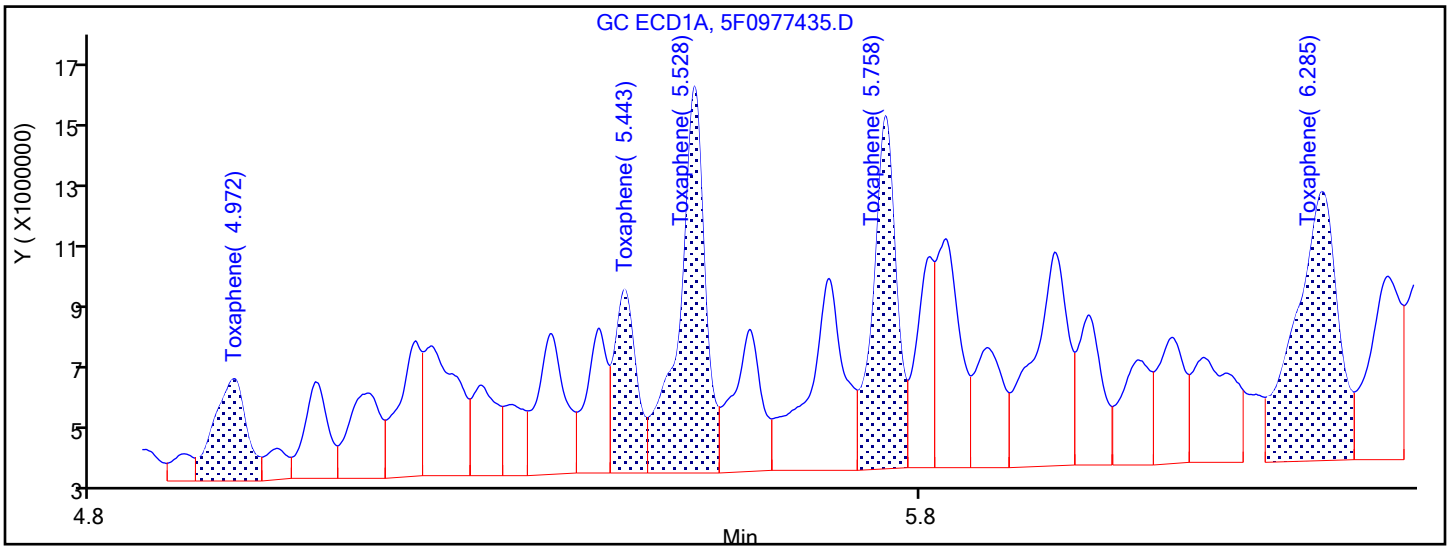
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D
Injection Date: 21-Jan-2025 13:16:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 5419181 |
| 5.443 | Response = 7048504 |
| 5.528 | Response = 19285583 |
| 5.758 | Response = 15596774 |
| 6.285 | Response = 17606068 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 8746632 | M |
| 5.443 | Response = 10554487 | M |
| 5.528 | Response = 26397267 | M |
| 5.758 | Response = 21738792 | M |
| 6.285 | Response = 30342300 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 13:29:20 ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:17 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:07:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.511 | 0.001 | 28674951 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.615 | 0.000 | 49254985 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 13880860 | 2500.0 | 2458.8 | M |
| 1 | 5.443 | 5.444 | -0.001 | 16957991 | 2500.0 | 2454.8 | M |
| 1 | 5.528 | 5.528 | 0.000 | 42588811 | 2500.0 | 2520.2 | M |
| 1 | 5.758 | 5.759 | -0.001 | 35218401 | 2500.0 | 2582.4 | M |
| 1 | 6.286 | 6.286 | 0.000 | 51858467 | 2500.0 | 2908.5 | M |
| | | Average of Peak Amounts = | | | | 2584.9 | |
| 2 | 4.974 | 4.972 | 0.002 | 46933548 | 2500.0 | 2562.2 | M |
| 2 | 5.083 | 5.084 | -0.001 | 47608692 | 2500.0 | 2378.0 | M |
| 2 | 5.272 | 5.271 | 0.001 | 63291149 | 2500.0 | 2346.3 | M |
| 2 | 5.433 | 5.433 | 0.000 | 91097208 | 2500.0 | 2353.9 | M |
| 2 | 5.610 | 5.610 | 0.000 | 79522223 | 2500.0 | 2297.5 | M |
| | | Average of Peak Amounts = | | | | 2387.6 | |
| | | | | | | RPD = 7.94 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

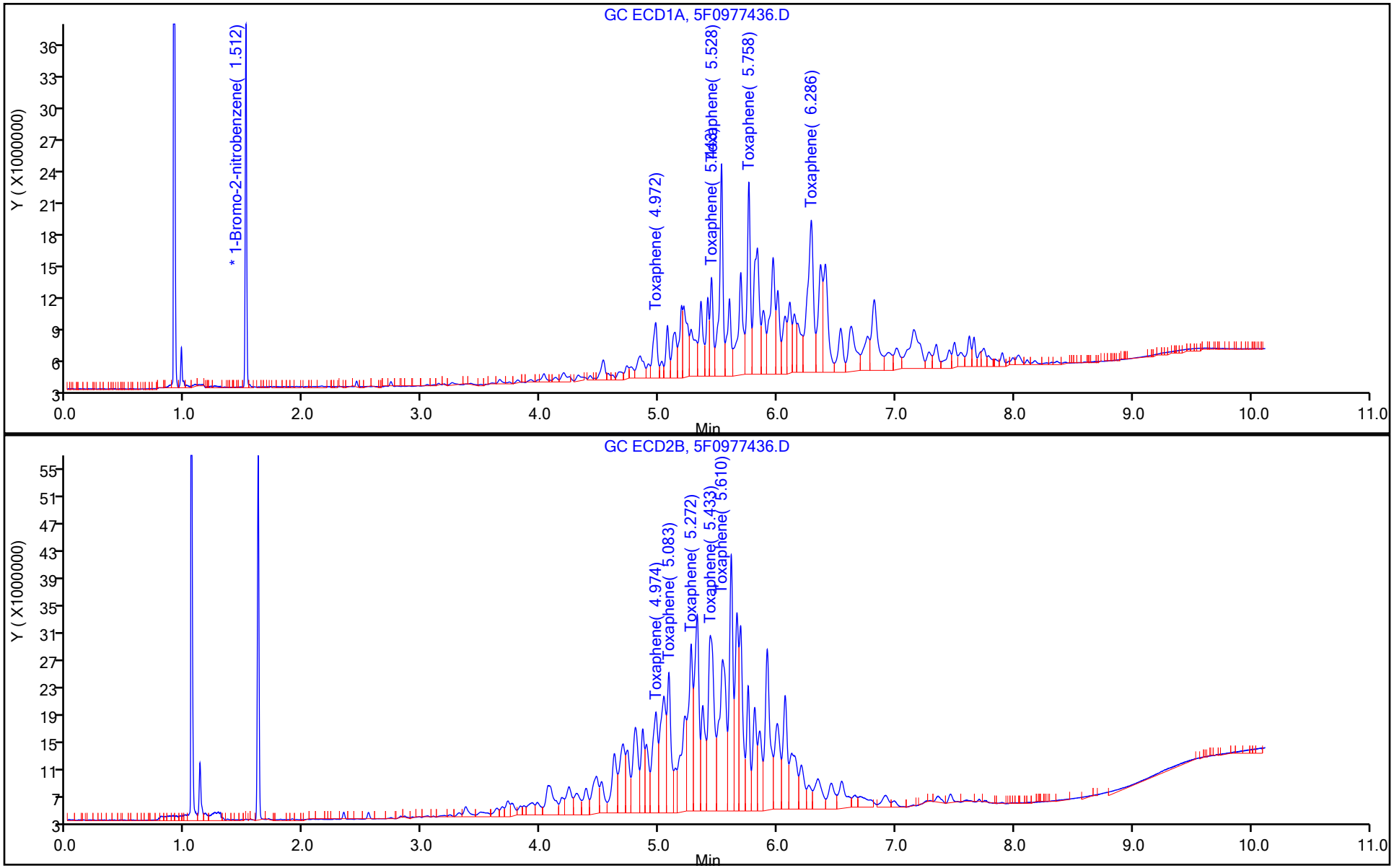
| | | | |
|---|---|---|---|
| SGTOXAPHENEL6_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:29:20 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





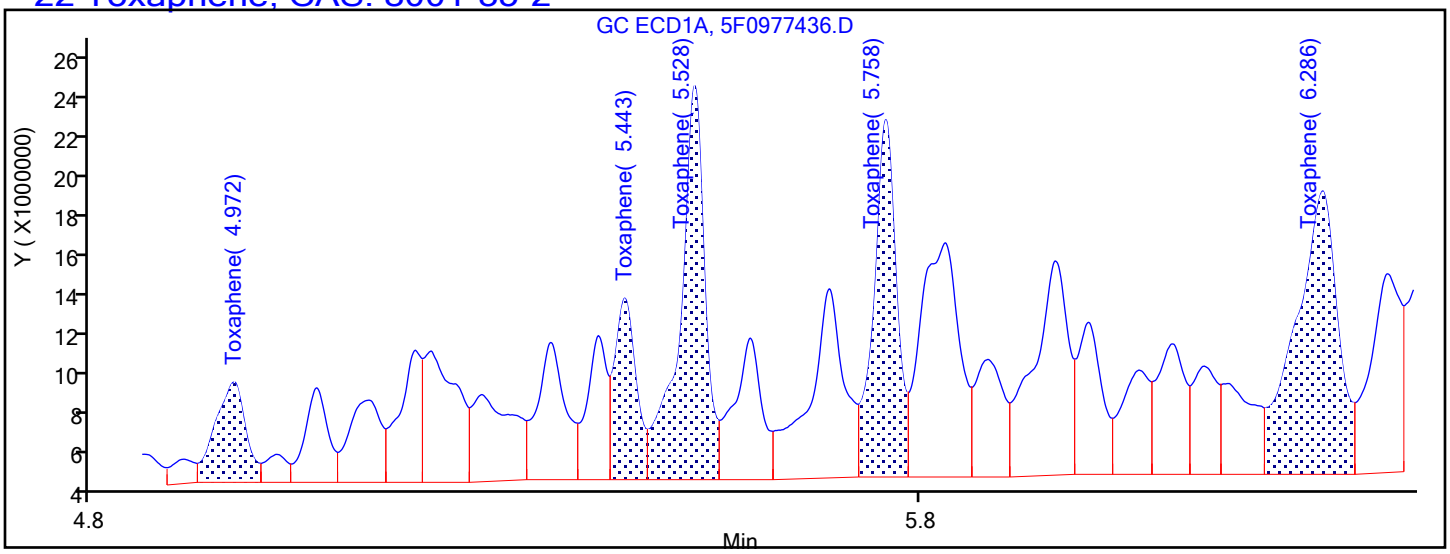

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:49:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

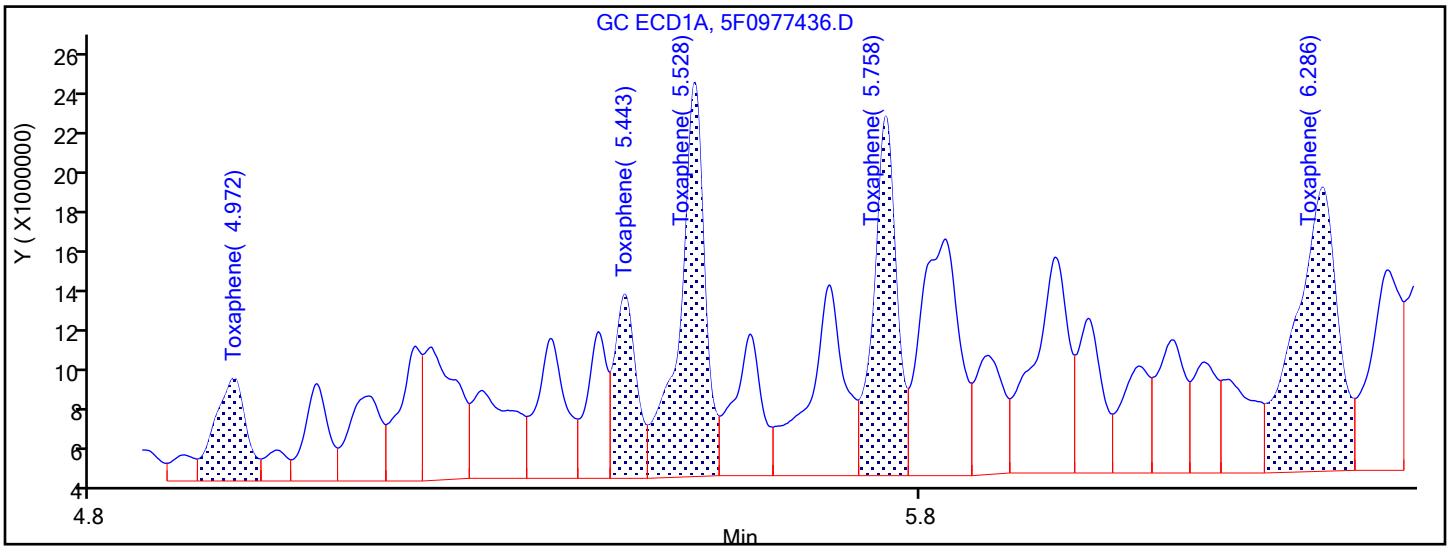
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D
Injection Date: 21-Jan-2025 13:29:20 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 13272006 |
| 5.443 | Response = 16621733 |
| 5.528 | Response = 41957754 |
| 5.758 | Response = 34791076 |
| 6.286 | Response = 51163518 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 13880860 | M |
| 5.443 | Response = 16957991 | M |
| 5.528 | Response = 42588811 | M |
| 5.758 | Response = 35218401 | M |
| 6.286 | Response = 51858467 | M |

Reviewer: ESS0, 22-Jan-2025 03:07:07 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

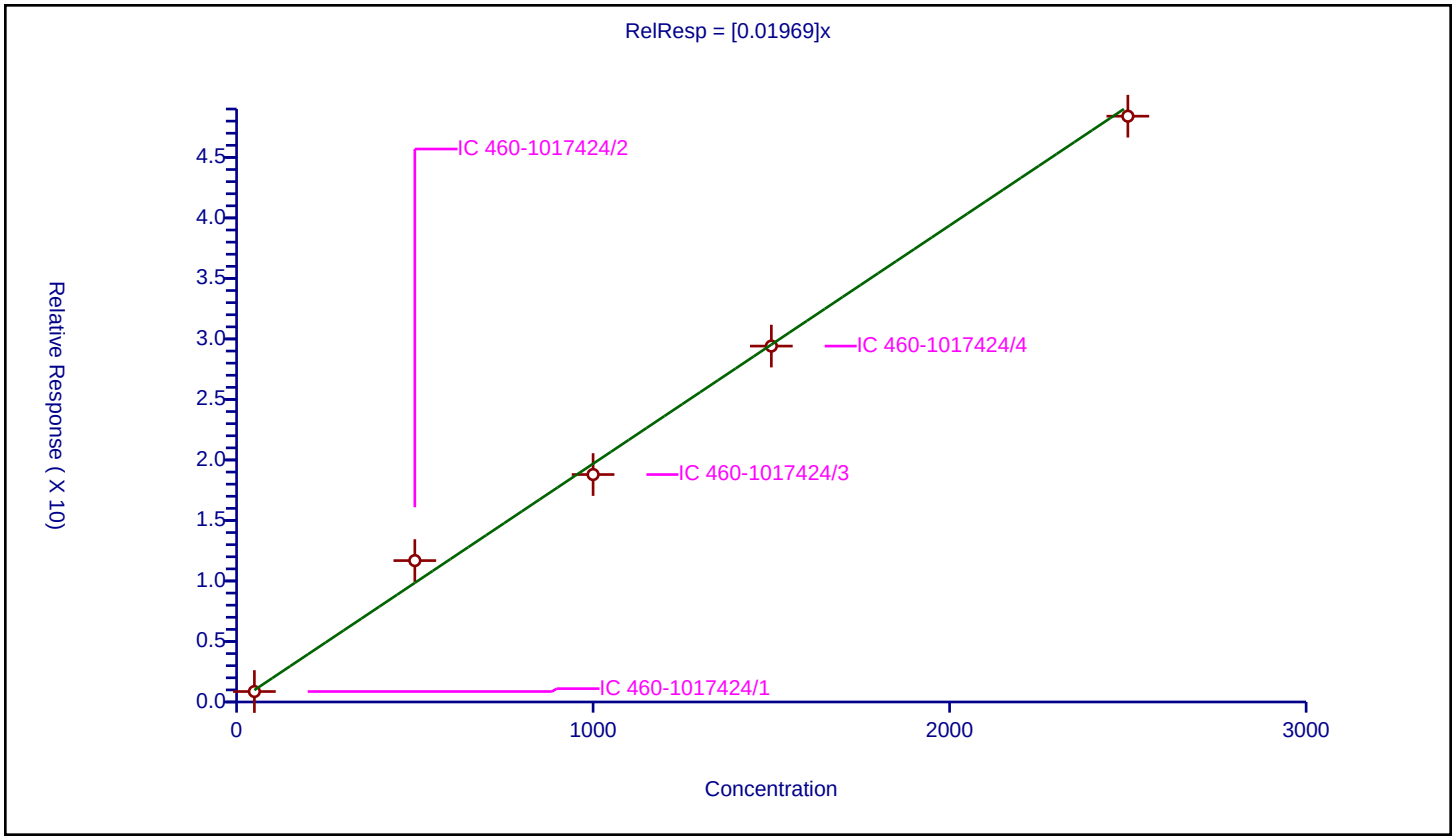
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01969 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 0.865146 | 100.0 | 33506153.0 | 0.017303 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 11.68383 | 100.0 | 29790556.0 | 0.023368 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 18.795726 | 100.0 | 32860487.0 | 0.018796 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 29.41028 | 100.0 | 29740050.0 | 0.019607 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 48.407615 | 100.0 | 28674951.0 | 0.019363 | Y |



## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

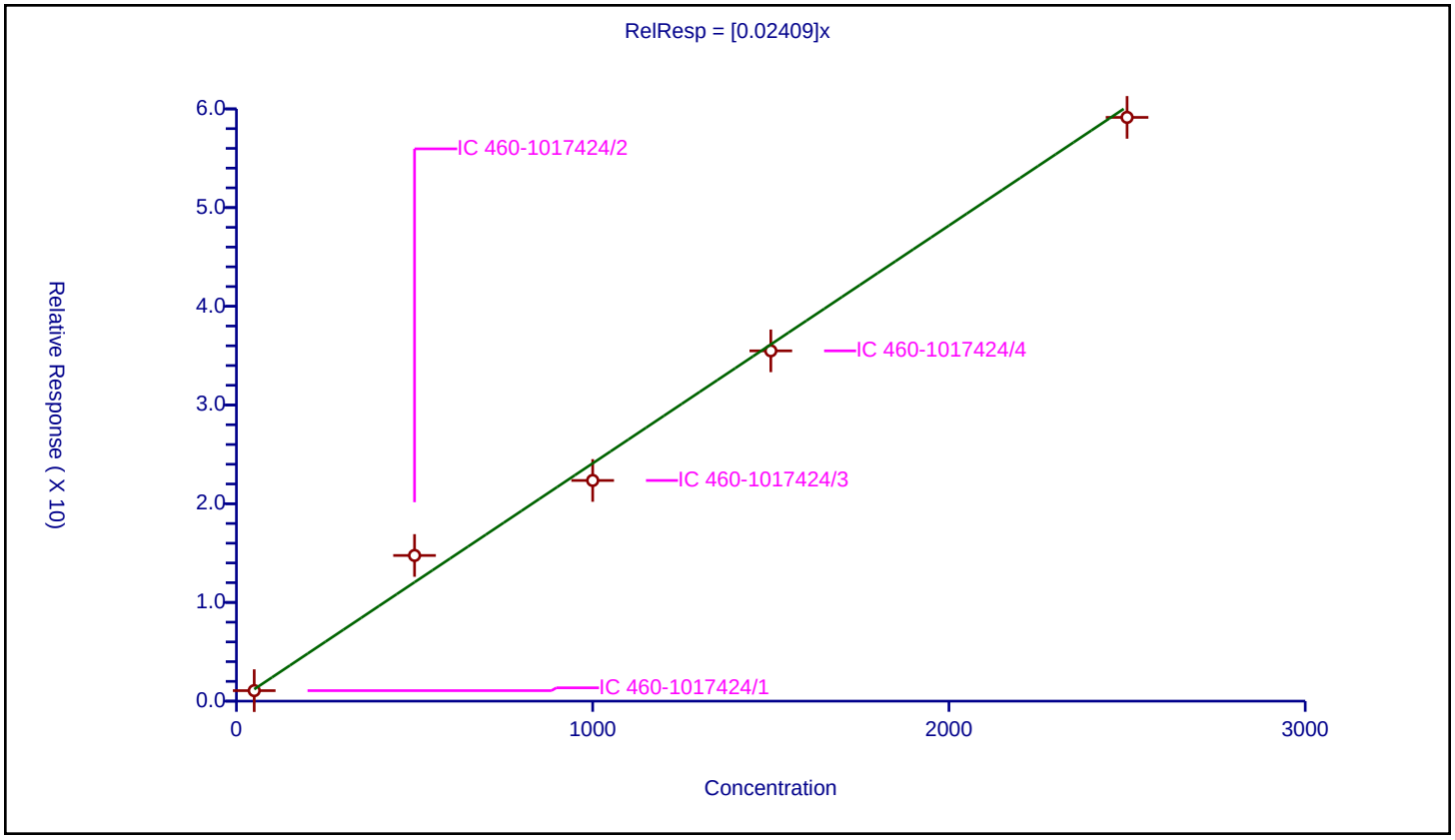
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02409 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 1.063512 | 100.0 | 33506153.0 | 0.02127 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 14.758211 | 100.0 | 29790556.0 | 0.029516 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 22.355363 | 100.0 | 32860487.0 | 0.022355 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 35.489137 | 100.0 | 29740050.0 | 0.023659 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 59.138692 | 100.0 | 28674951.0 | 0.023655 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

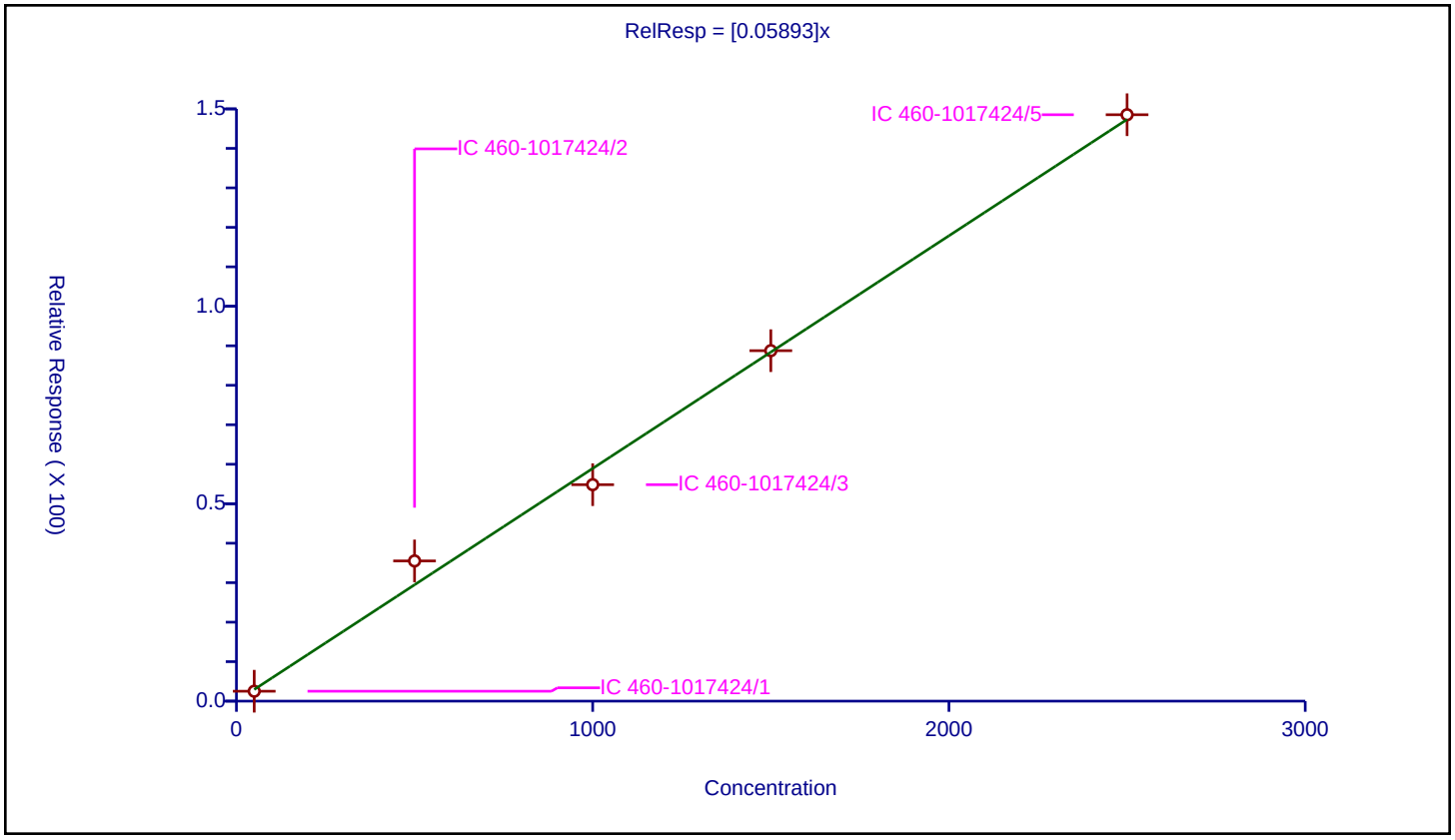
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05893 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 2.511885 | 100.0 | 33506153.0 | 0.050238 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 35.510995 | 100.0 | 29790556.0 | 0.071022 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 54.823628 | 100.0 | 32860487.0 | 0.054824 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 88.759995 | 100.0 | 29740050.0 | 0.059173 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 148.522698 | 100.0 | 28674951.0 | 0.059409 | Y |



## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

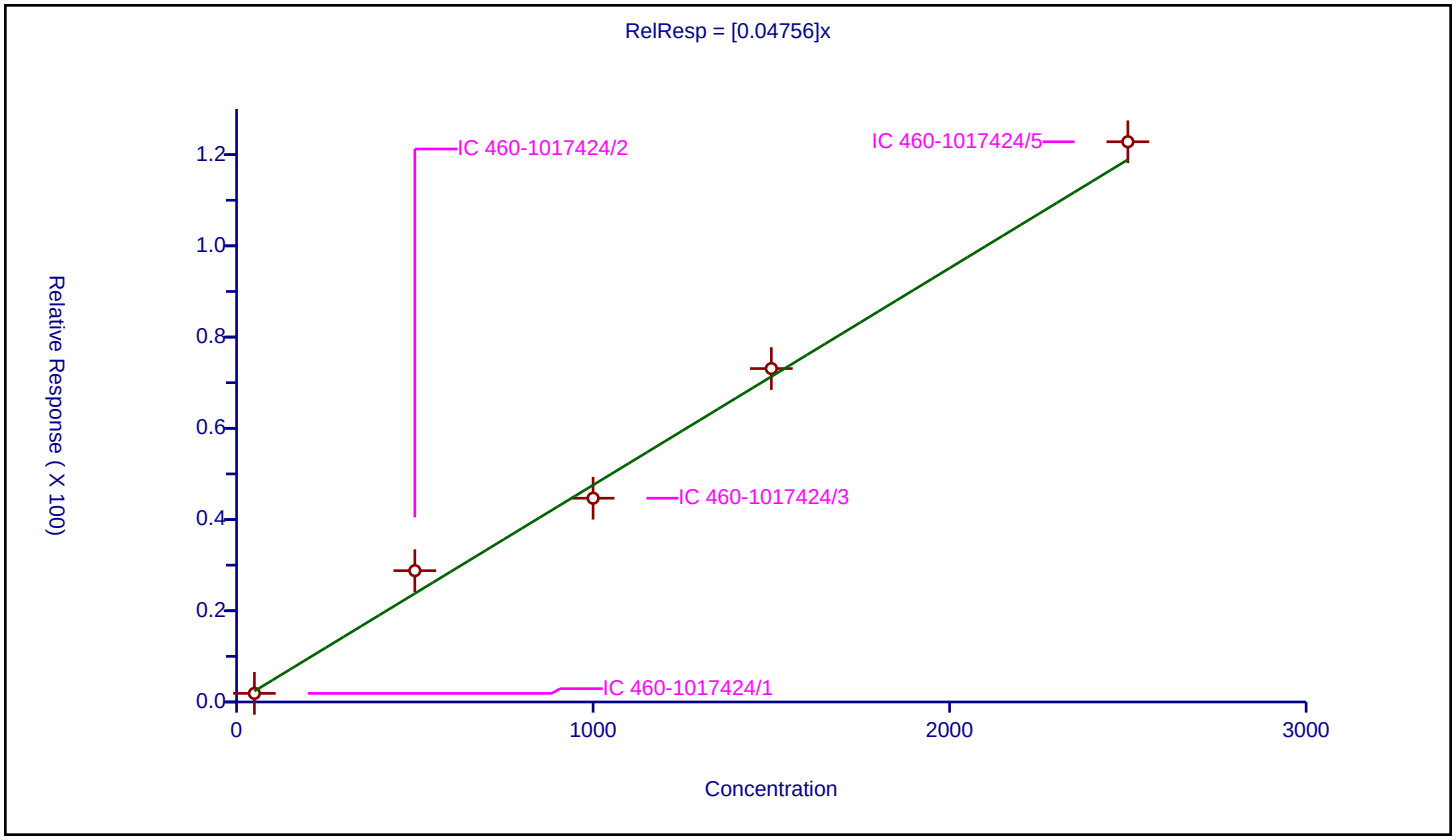
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04756 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 1.884266 | 100.0 | 33506153.0 | 0.037685 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 28.792712 | 100.0 | 29790556.0 | 0.057585 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 44.672628 | 100.0 | 32860487.0 | 0.044673 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 73.096017 | 100.0 | 29740050.0 | 0.048731 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 122.819394 | 100.0 | 28674951.0 | 0.049128 | Y |



## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

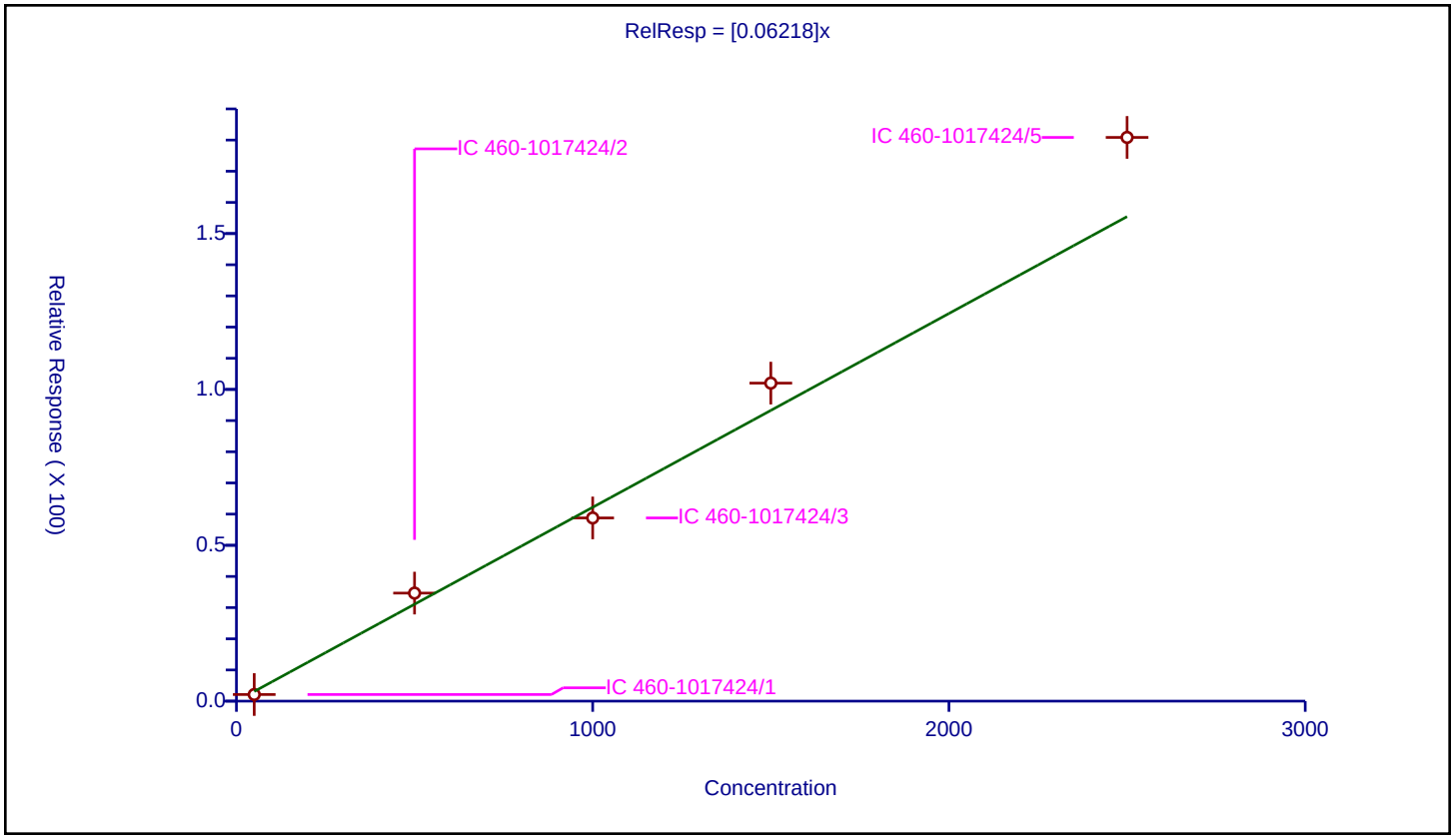
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06218 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 2.122228 | 100.0 | 33506153.0 | 0.042445 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 34.660582 | 100.0 | 29790556.0 | 0.069321 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 58.776433 | 100.0 | 32860487.0 | 0.058776 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 102.025047 | 100.0 | 29740050.0 | 0.068017 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 180.849366 | 100.0 | 28674951.0 | 0.07234 | Y |



FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1017424

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 12:37 Calibration End Date: 01/21/2025 13:29 Calibration ID: 99930

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017424/1 | 5F0977432.D |
| Level 2 | IC 460-1017424/2 | 5F0977433.D |
| Level 3 | IC 460-1017424/3 | 5F0977434.D |
| Level 4 | IC 460-1017424/4 | 5F0977435.D |
| Level 5 | IC 460-1017424/5 | 5F0977436.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Toxaphene Peak 1 | 0.0344 | 0.0394 | 0.0353 | 0.0387 | 0.0381 | Ave | | 0.0372 | | | | 5.9 | | 20.0 | | | |
| Toxaphene Peak 2 | 0.0423 | 0.0418 | 0.0389 | 0.0415 | 0.0387 | Ave | | 0.0406 | | | | 4.2 | | 20.0 | | | |
| Toxaphene Peak 3 | 0.0648 | 0.0566 | 0.0474 | 0.0537 | 0.0514 | Ave | | 0.0548 | | | | 11.9 | | 20.0 | | | |
| Toxaphene Peak 4 | 0.0910 | 0.0840 | 0.0692 | 0.0747 | 0.0740 | Ave | | 0.0786 | | | | 11.1 | | 20.0 | | | |
| Toxaphene Peak 5 | 0.0839 | 0.0741 | 0.0621 | 0.0666 | 0.0646 | Ave | | 0.0703 | | | | 12.6 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1017424

SDG No.:

Instrument ID: CPESTGC5 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 12:37 | Calibration End Date: 01/21/2025 13:29 | Calibration ID: 99930

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1017424/1 | 5F0977432.D |
| Level 2 | IC 460-1017424/2 | 5F0977433.D |
| Level 3 | IC 460-1017424/3 | 5F0977434.D |
| Level 4 | IC 460-1017424/4 | 5F0977435.D |
| Level 5 | IC 460-1017424/5 | 5F0977436.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| Toxaphene Peak 1 | BNB | Ave | 979512 | 10124439 | 19662697 | 29219723 | 46933548 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 2 | BNB | Ave | 1204256 | 10733995 | 21704629 | 31332250 | 47608692 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 3 | BNB | Ave | 1844193 | 14536166 | 26395002 | 40508922 | 63291149 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 4 | BNB | Ave | 2589657 | 21570448 | 38580289 | 56362679 | 91097208 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Toxaphene Peak 5 | BNB | Ave | 2388099 | 19042708 | 34620754 | 50269935 | 79522223 | 50.0 | 500 | 1000 | 1500 | 2500 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 21-Jan-2025 12:37:20 ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-001
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:06 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:49:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.511 | -0.001 | 33506153 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 56928605 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 289877 | 50.0 | 43.9 | M |
| 1 | 5.442 | 5.444 | -0.002 | 356342 | 50.0 | 44.1 | M |
| 1 | 5.527 | 5.528 | -0.001 | 841636 | 50.0 | 42.6 | M |
| 1 | 5.757 | 5.759 | -0.002 | 631345 | 50.0 | 39.6 | M |
| 1 | 6.286 | 6.286 | 0.000 | 711077 | 50.0 | 34.1 | M |
| | | Average of Peak Amounts = | | | | 40.9 | |
| 2 | 4.972 | 4.972 | 0.000 | 979512 | 50.0 | 46.3 | M |
| 2 | 5.081 | 5.084 | -0.003 | 1204256 | 50.0 | 52.0 | M |
| 2 | 5.269 | 5.271 | -0.002 | 1844193 | 50.0 | 59.2 | M |
| 2 | 5.430 | 5.433 | -0.003 | 2589657 | 50.0 | 57.9 | M |
| 2 | 5.610 | 5.610 | 0.000 | 2388099 | 50.0 | 59.7 | M |
| | | Average of Peak Amounts = | | | | 55.0 | |
| | | | | | | RPD = 29.44 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

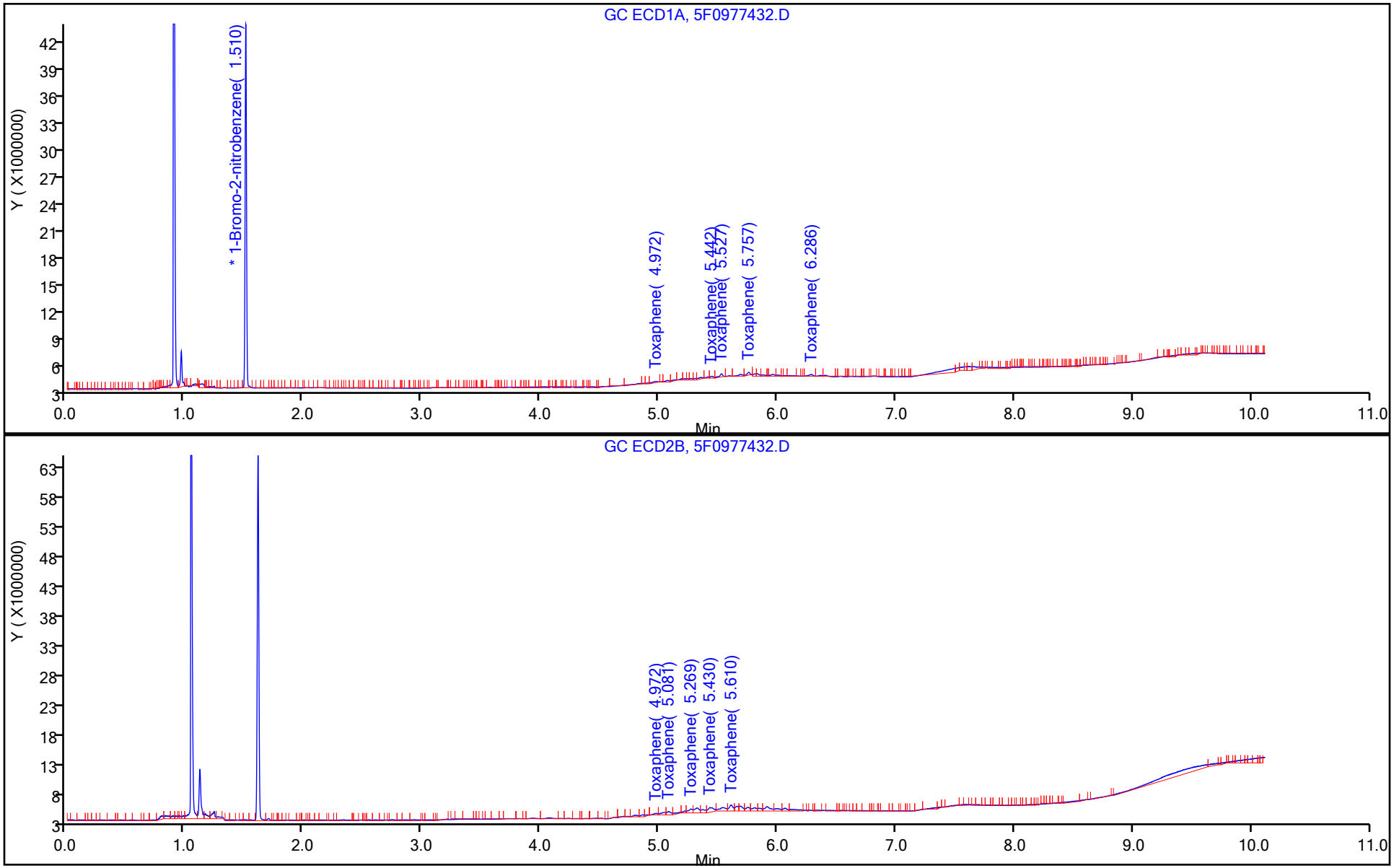
SGTOXAPHENEL1_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Jan-2025 03:49:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:37:20 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





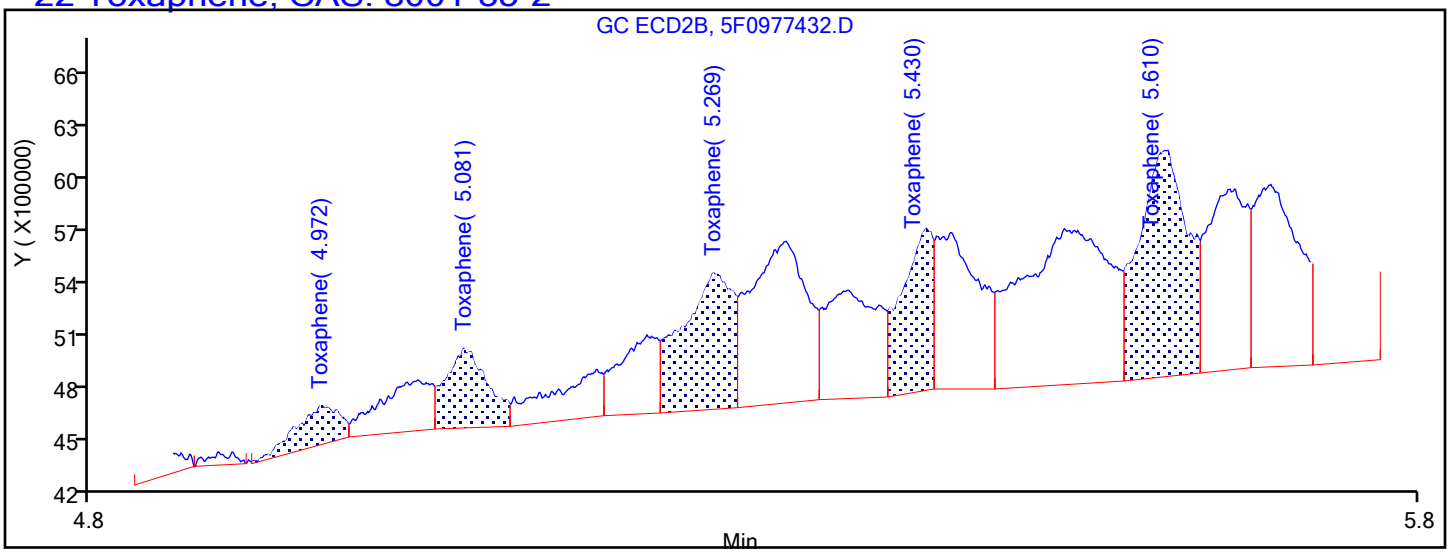

2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:49:07 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

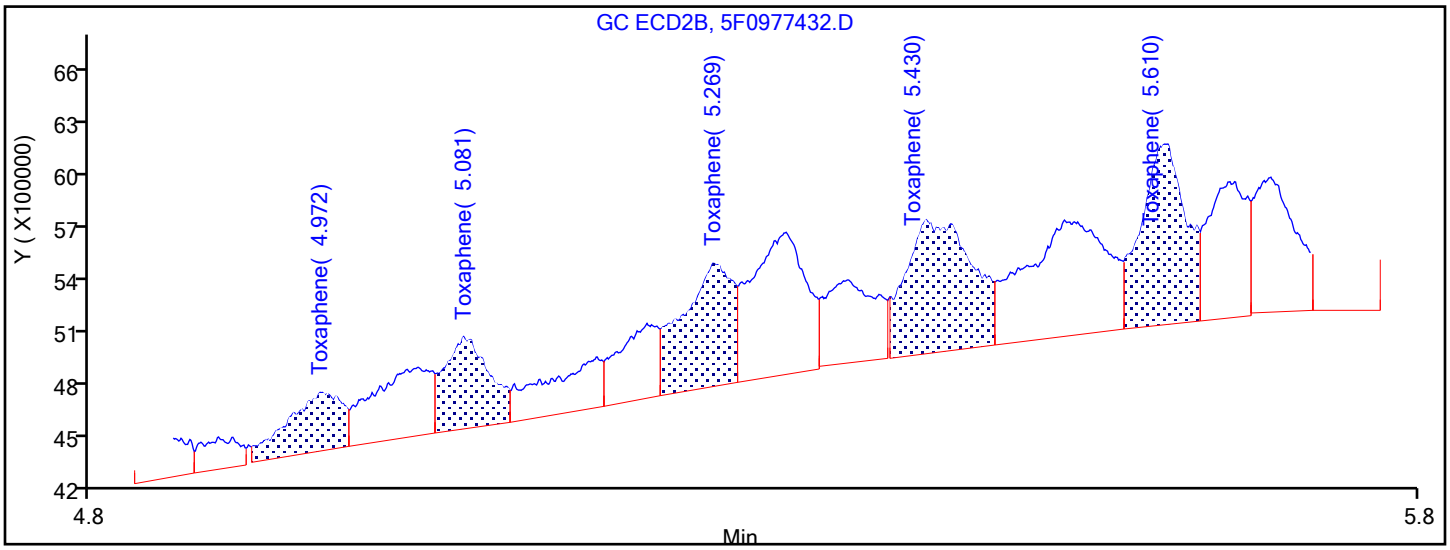
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977432.D
Injection Date: 21-Jan-2025 12:37:20 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 18 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 491536 |
| 5.081 | Response = 956628 |
| 5.269 | Response = 1954548 |
| 5.430 | Response = 1418304 |
| 5.610 | Response = 3121157 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 979512 | M |
| 5.081 | Response = 1204256 | M |
| 5.269 | Response = 1844193 | M |
| 5.430 | Response = 2589657 | M |
| 5.610 | Response = 2388099 | M |

Reviewer: ESS0, 22-Jan-2025 03:11:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 2
Inject. Date: 21-Jan-2025 12:50:25 ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-002
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:09 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:06:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 29790556 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 51364736 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 3480678 | 500.0 | 593.5 | M |
| 1 | 5.444 | 5.444 | 0.000 | 4396553 | 500.0 | 612.6 | M |
| 1 | 5.527 | 5.528 | -0.001 | 10578923 | 500.0 | 602.6 | M |
| 1 | 5.760 | 5.759 | 0.001 | 8577509 | 500.0 | 605.4 | M |
| 1 | 6.286 | 6.286 | 0.000 | 10325580 | 500.0 | 557.4 | M |
| | | Average of Peak Amounts = | | | | 594.3 | |
| 2 | 4.975 | 4.972 | 0.003 | 10124439 | 500.0 | 530.0 | M |
| 2 | 5.082 | 5.084 | -0.002 | 10733995 | 500.0 | 514.1 | M |
| 2 | 5.272 | 5.271 | 0.001 | 14536166 | 500.0 | 516.7 | M |
| 2 | 5.432 | 5.433 | -0.001 | 21570448 | 500.0 | 534.5 | M |
| 2 | 5.610 | 5.610 | 0.000 | 19042708 | 500.0 | 527.6 | M |
| | | Average of Peak Amounts = | | | | 524.6 | |
| | | | | | | RPD = 12.46 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

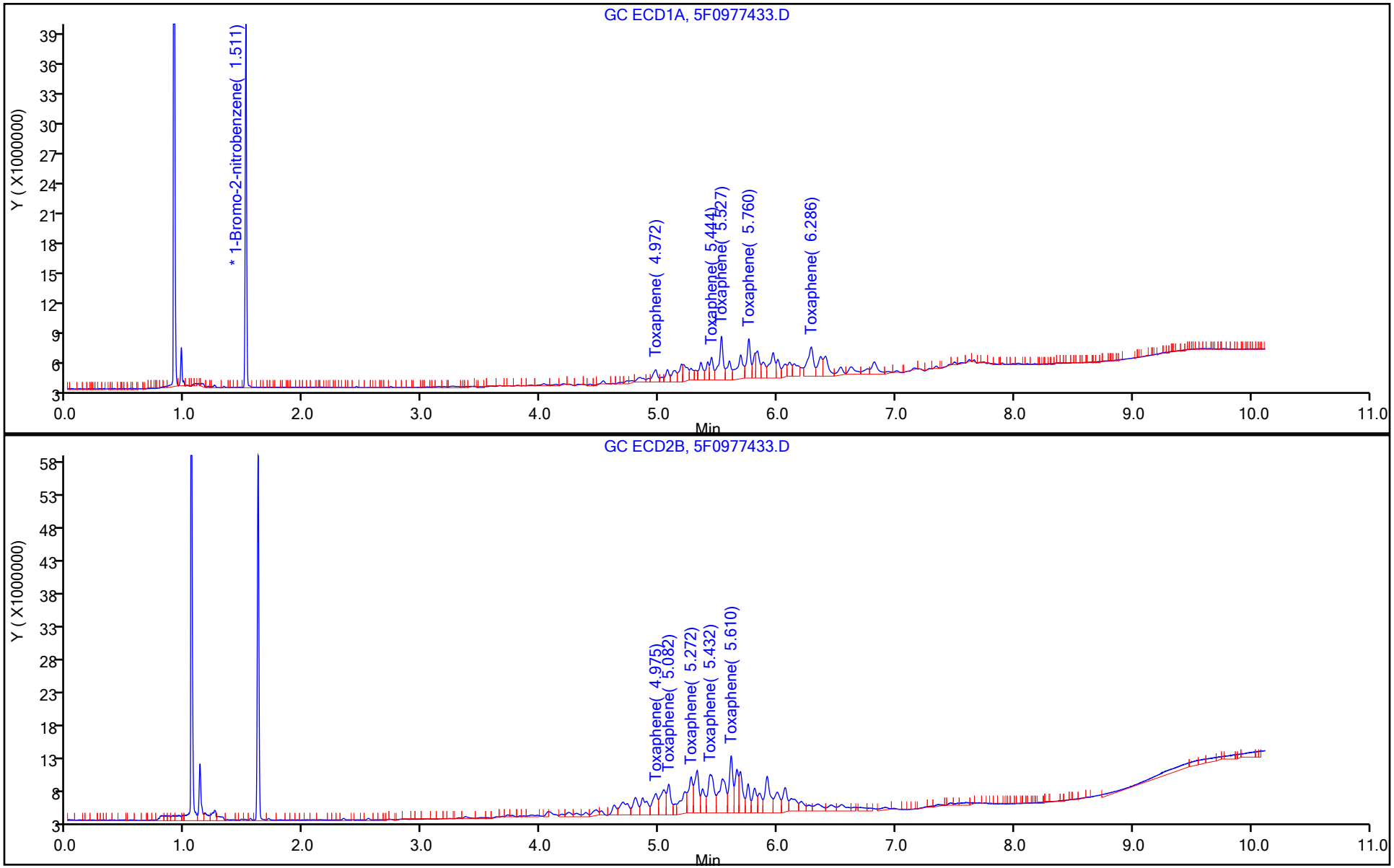
| | | | |
|---|---|---|---|
| SGTOXAPHENEL3_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:50:25 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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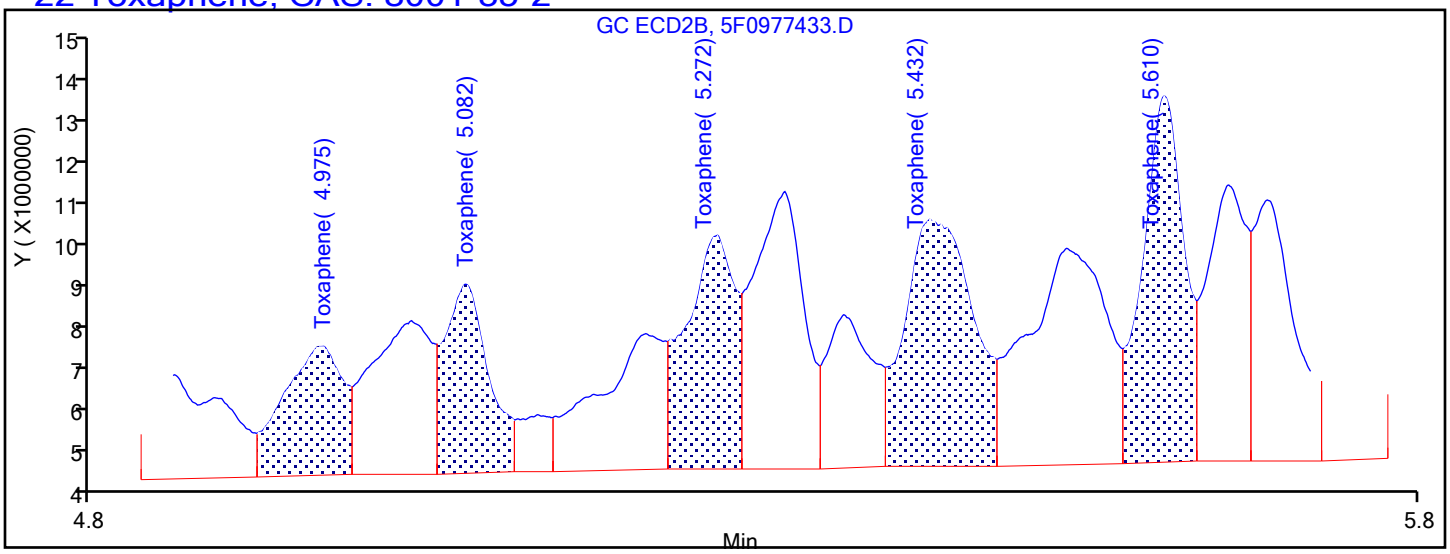
Report Date: 22-Jan-2025 03:49:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

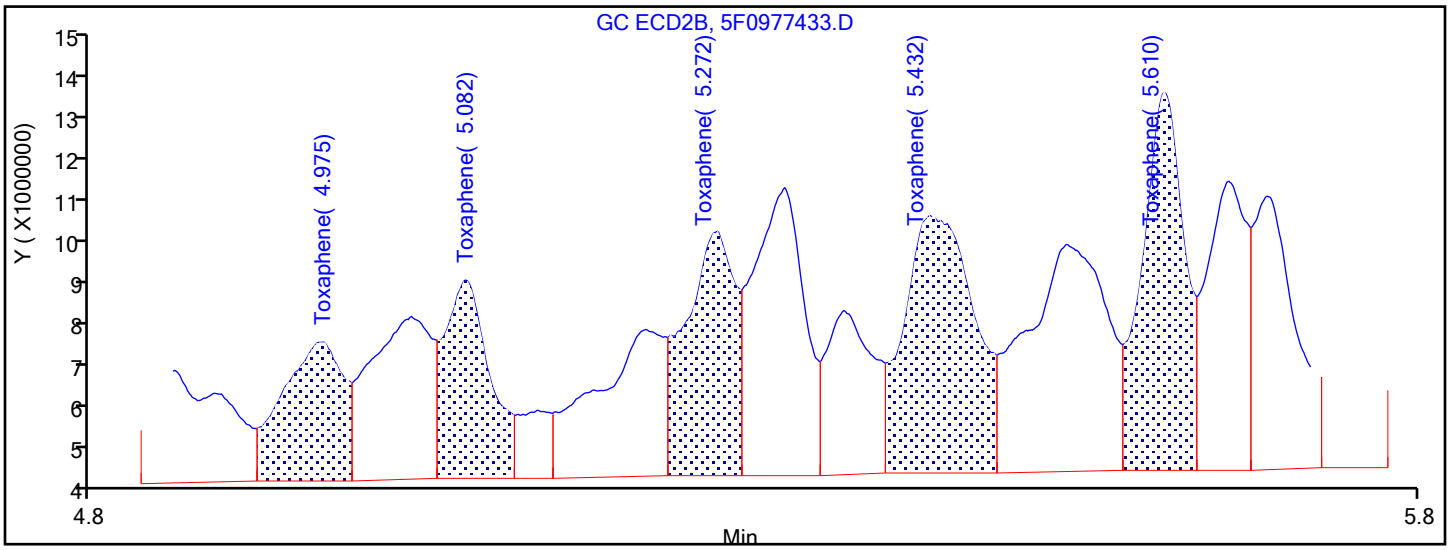
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977433.D
Injection Date: 21-Jan-2025 12:50:25 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 19 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.975 | Response = 9199628 |
| 5.082 | Response = 9901002 |
| 5.272 | Response = 13670062 |
| 5.432 | Response = 20214876 |
| 5.610 | Response = 18050729 |




Manual Integration Results

| | | |
|---|---|---|
| 4.975 | Response = 10124439 | M |
| 5.082 | Response = 10733995 | M |
| 5.272 | Response = 14536166 | M |
| 5.432 | Response = 21570448 | M |
| 5.610 | Response = 19042708 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:16 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 21-Jan-2025 13:03:24 ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:12 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:06:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 32860487 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.615 | 0.000 | 55728465 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.971 | 4.971 | 0.000 | 6176367 | 1000.0 | 954.7 | M |
| 1 | 5.444 | 5.444 | 0.000 | 7346081 | 1000.0 | 927.9 | M |
| 1 | 5.528 | 5.528 | 0.000 | 18015311 | 1000.0 | 930.3 | M |
| 1 | 5.759 | 5.759 | 0.000 | 14679643 | 1000.0 | 939.3 | M |
| 1 | 6.286 | 6.286 | 0.000 | 19314222 | 1000.0 | 945.3 | M |
| | | Average of Peak Amounts = | | | | 939.5 | |
| 2 | 4.972 | 4.972 | 0.000 | 19662697 | 1000.0 | 948.7 | M |
| 2 | 5.084 | 5.084 | 0.000 | 21704629 | 1000.0 | 958.2 | M |
| 2 | 5.271 | 5.271 | 0.000 | 26395002 | 1000.0 | 864.8 | M |
| 2 | 5.433 | 5.433 | 0.000 | 38580289 | 1000.0 | 881.1 | M |
| 2 | 5.610 | 5.610 | 0.000 | 34620754 | 1000.0 | 884.0 | M |
| | | Average of Peak Amounts = | | | | 907.4 | |
| | | | | | | RPD = 3.48 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

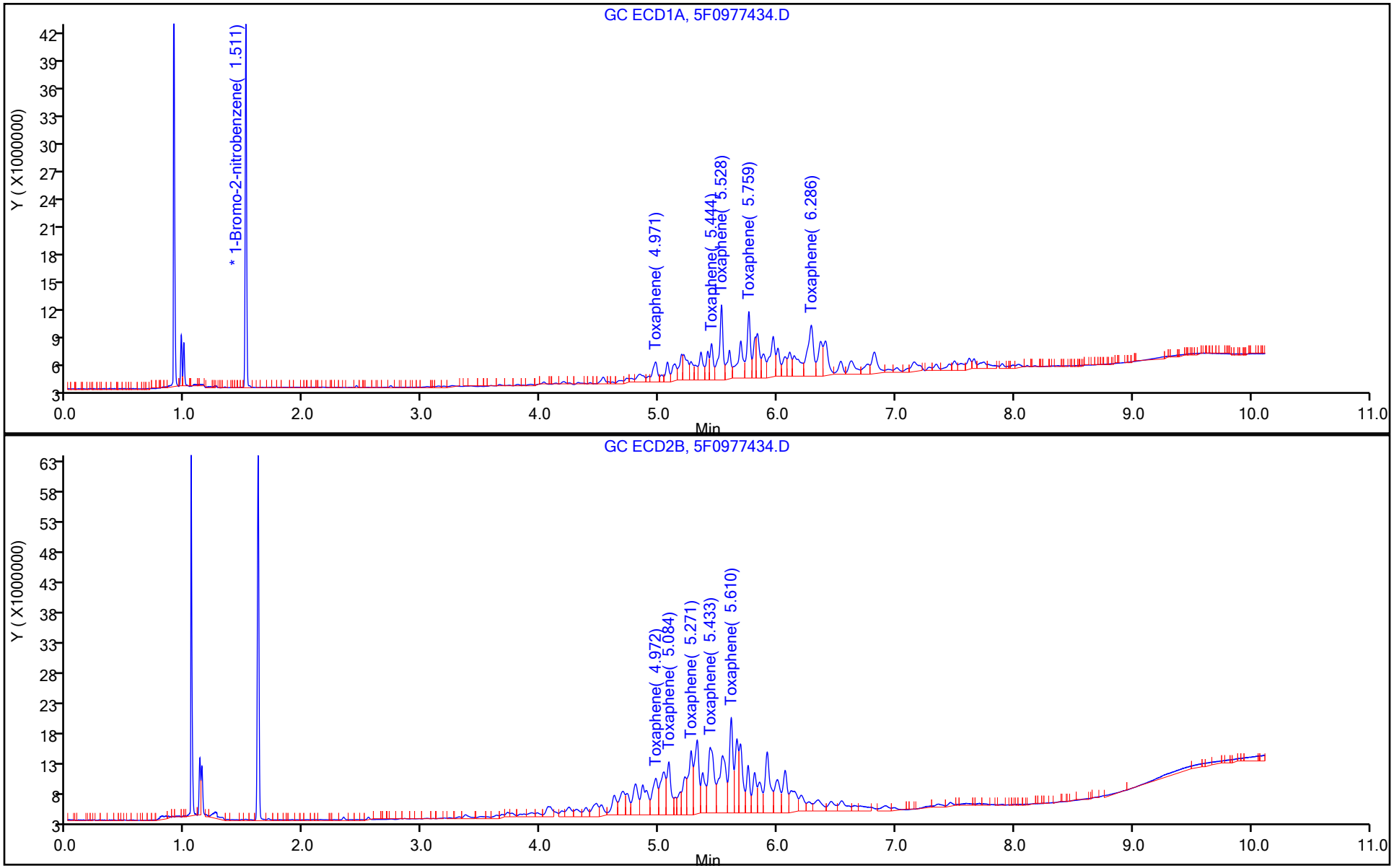
| | | | |
|---|---|---|---|
| SGTOXAPHENEL4_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:03:24 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 20 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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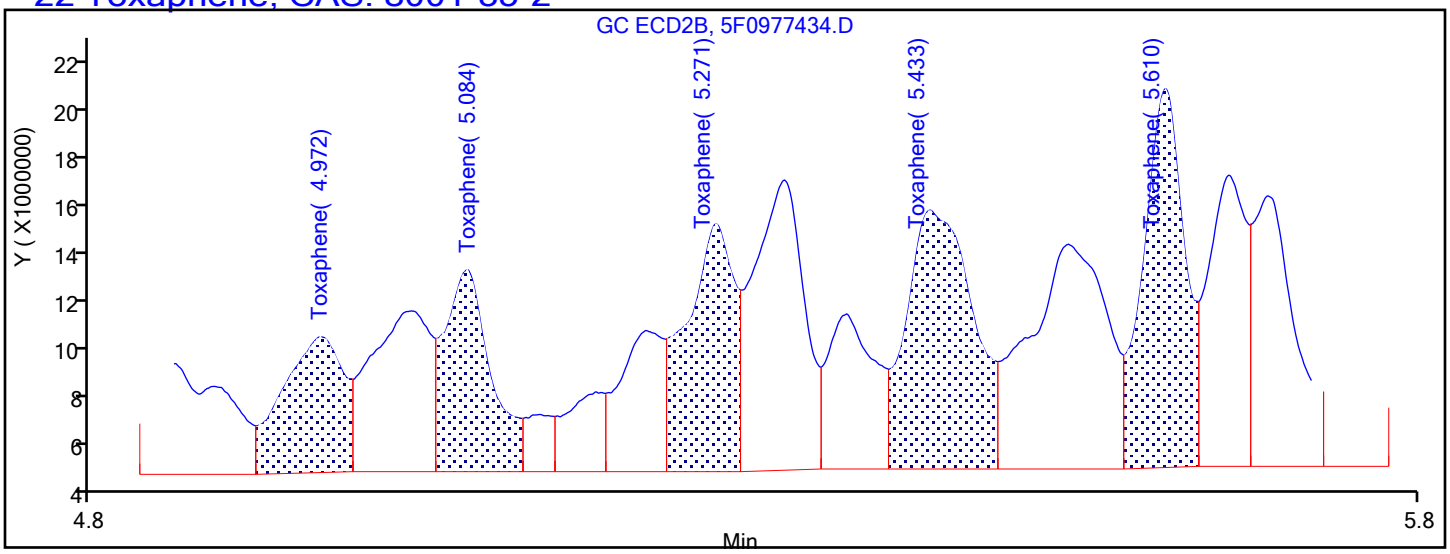
Report Date: 22-Jan-2025 03:49:12 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

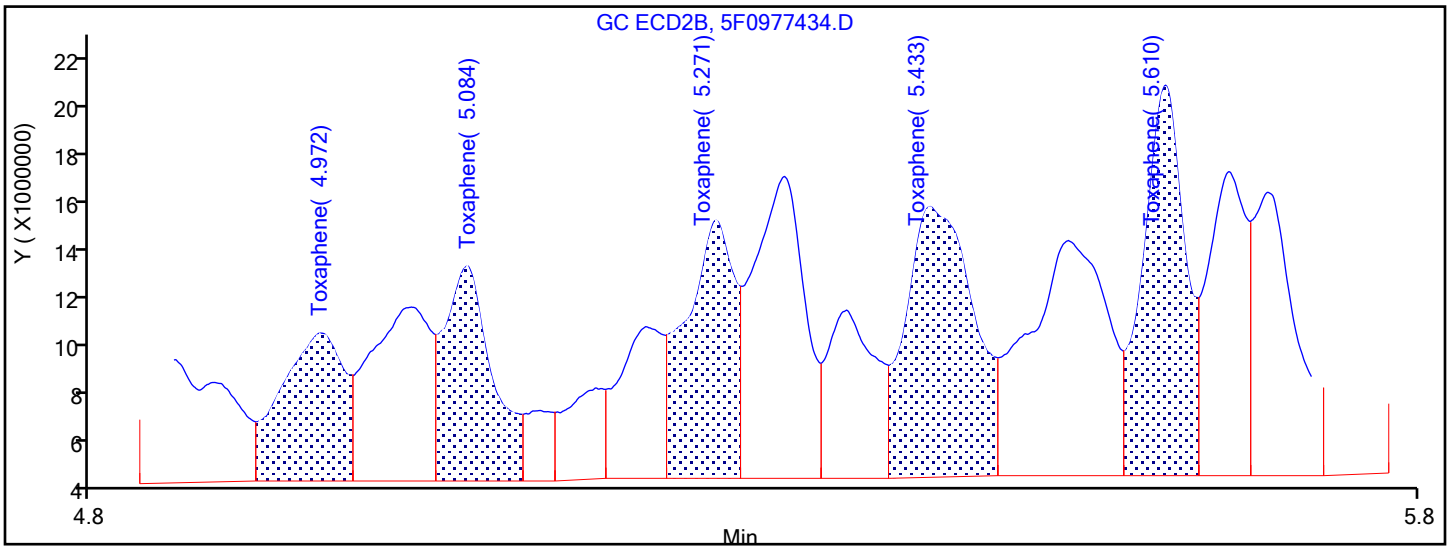
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977434.D
Injection Date: 21-Jan-2025 13:03:24 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 20 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.972 | Response = 17500911 |
| 5.084 | Response = 19756867 |
| 5.271 | Response = 24755244 |
| 5.433 | Response = 36230848 |
| 5.610 | Response = 32990094 |




Manual Integration Results

| | | |
|---|---|---|
| 4.972 | Response = 19662697 | M |
| 5.084 | Response = 21704629 | M |
| 5.271 | Response = 26395002 | M |
| 5.433 | Response = 38580289 | M |
| 5.610 | Response = 34620754 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:41 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 21-Jan-2025 13:16:23 ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:14 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:07:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.511 | 0.000 | 29740050 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.615 | -0.001 | 50311725 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 8746632 | 1500.0 | 1493.9 | M |
| 1 | 5.443 | 5.444 | -0.001 | 10554487 | 1500.0 | 1473.1 | M |
| 1 | 5.528 | 5.528 | 0.000 | 26397267 | 1500.0 | 1506.1 | M |
| 1 | 5.758 | 5.759 | -0.001 | 21738792 | 1500.0 | 1536.9 | M |
| 1 | 6.285 | 6.286 | -0.001 | 30342300 | 1500.0 | 1640.8 | M |
| | | Average of Peak Amounts = | | | | 1530.2 | |
| 2 | 4.975 | 4.972 | 0.003 | 29219723 | 1500.0 | 1561.6 | M |
| 2 | 5.083 | 5.084 | -0.001 | 31332250 | 1500.0 | 1532.2 | M |
| 2 | 5.271 | 5.271 | 0.000 | 40508922 | 1500.0 | 1470.2 | M |
| 2 | 5.433 | 5.433 | 0.000 | 56362679 | 1500.0 | 1425.8 | M |
| 2 | 5.610 | 5.610 | 0.000 | 50269935 | 1500.0 | 1421.9 | M |
| | | Average of Peak Amounts = | | | | 1482.3 | |
| | | | | | | RPD = 3.18 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

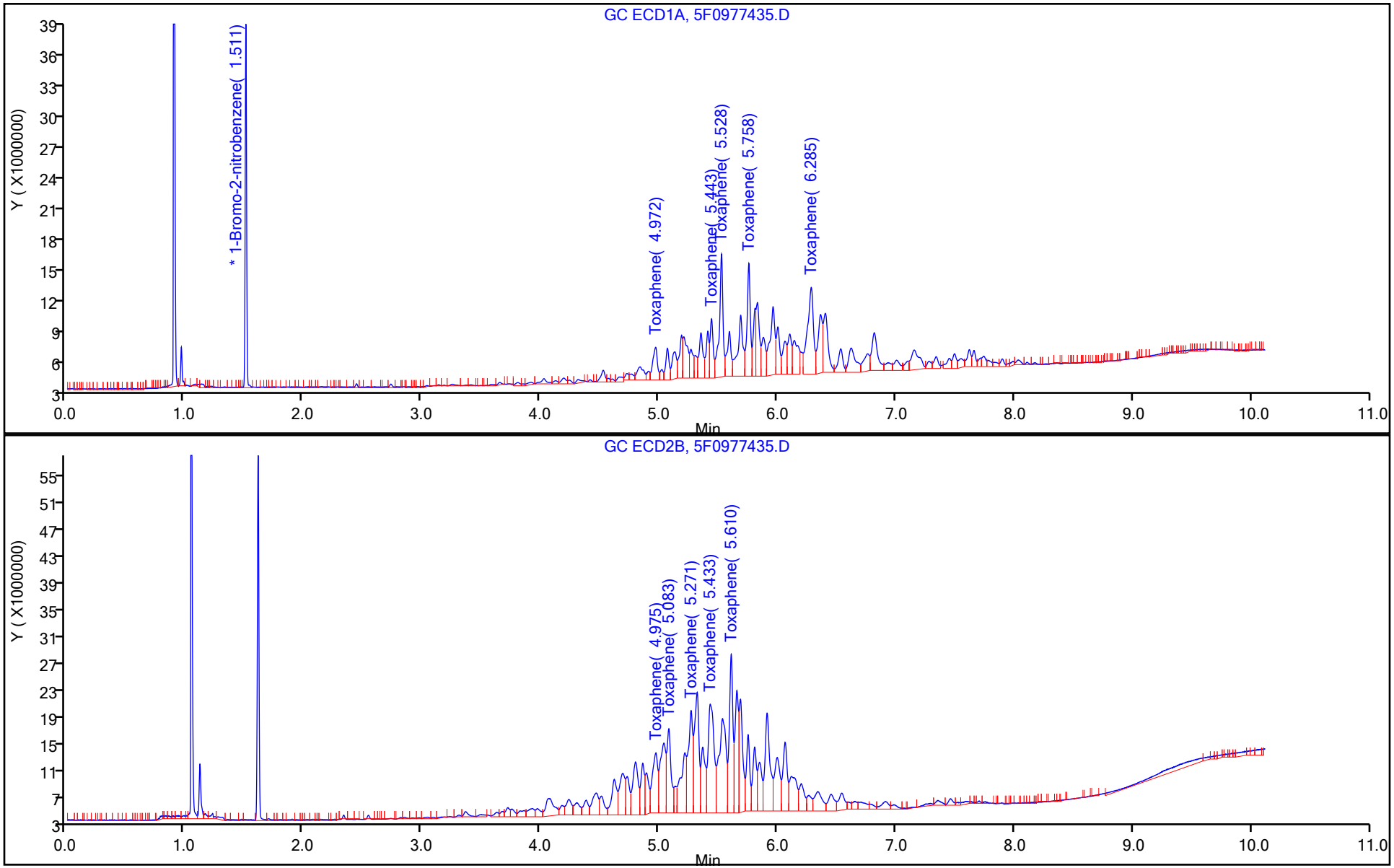
| | | | |
|---|---|---|---|
| SGTOXAPHENEL5_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:49:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:16:23 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 21 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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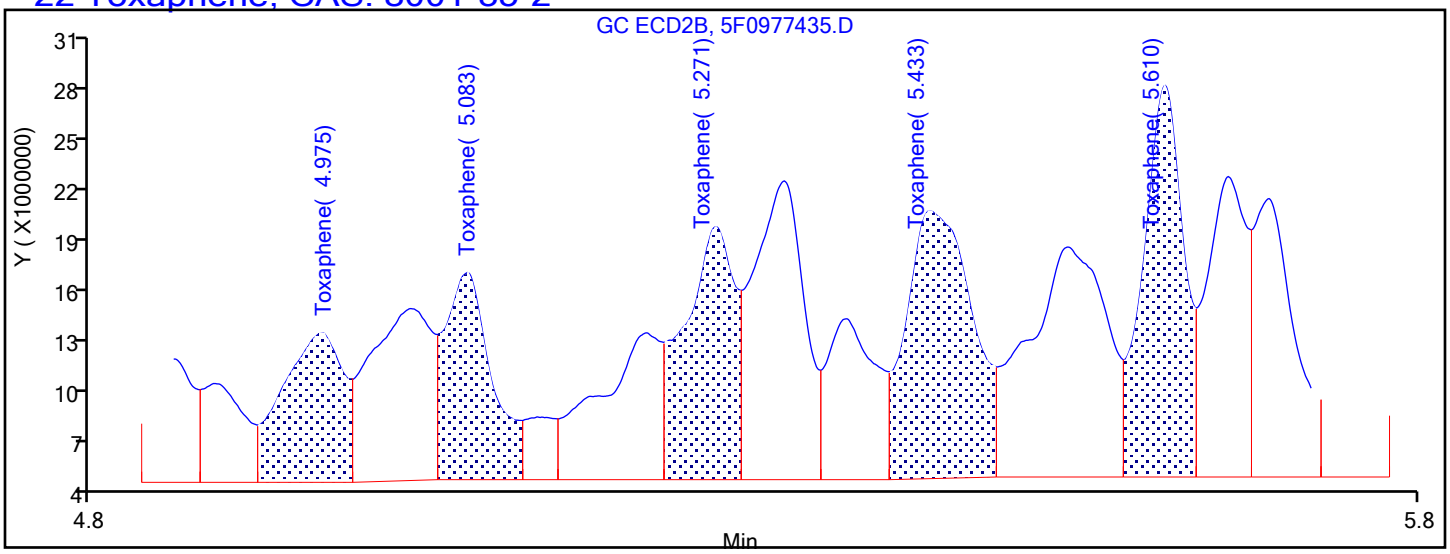
Report Date: 22-Jan-2025 03:49:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

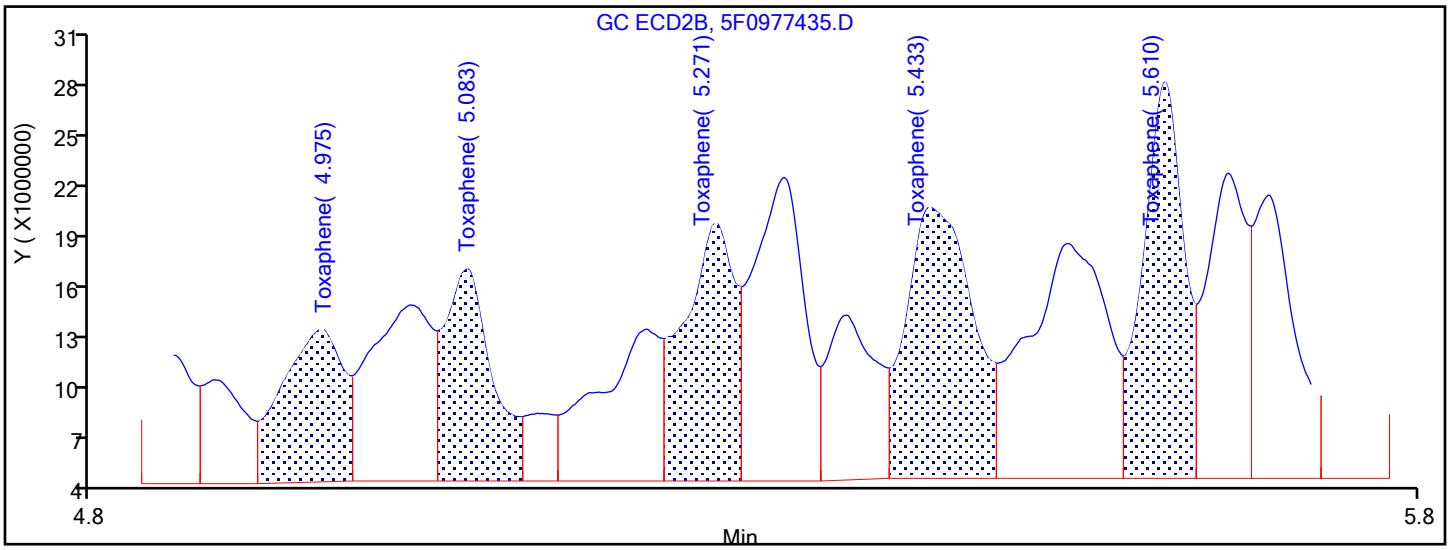
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977435.D
Injection Date: 21-Jan-2025 13:16:23 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 21 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.975 | Response = 28110607 |
| 5.083 | Response = 30323083 |
| 5.271 | Response = 39530529 |
| 5.433 | Response = 54967933 |
| 5.610 | Response = 49245048 |




Manual Integration Results

| | | |
|---|---|---|
| 4.975 | Response = 29219723 | M |
| 5.083 | Response = 31332250 | M |
| 5.271 | Response = 40508922 | M |
| 5.433 | Response = 56362679 | M |
| 5.610 | Response = 50269935 | M |

Reviewer: ESS0, 22-Jan-2025 03:06:57 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 21-Jan-2025 13:29:20 ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186012-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:49:17 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:07:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.511 | 0.001 | 28674951 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.615 | 0.000 | 49254985 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.972 | 4.971 | 0.001 | 13880860 | 2500.0 | 2458.8 | M |
| 1 | 5.443 | 5.444 | -0.001 | 16957991 | 2500.0 | 2454.8 | M |
| 1 | 5.528 | 5.528 | 0.000 | 42588811 | 2500.0 | 2520.2 | M |
| 1 | 5.758 | 5.759 | -0.001 | 35218401 | 2500.0 | 2582.4 | M |
| 1 | 6.286 | 6.286 | 0.000 | 51858467 | 2500.0 | 2908.5 | M |
| | | Average of Peak Amounts = | | | | 2584.9 | |
| 2 | 4.974 | 4.972 | 0.002 | 46933548 | 2500.0 | 2562.2 | M |
| 2 | 5.083 | 5.084 | -0.001 | 47608692 | 2500.0 | 2378.0 | M |
| 2 | 5.272 | 5.271 | 0.001 | 63291149 | 2500.0 | 2346.3 | M |
| 2 | 5.433 | 5.433 | 0.000 | 91097208 | 2500.0 | 2353.9 | M |
| 2 | 5.610 | 5.610 | 0.000 | 79522223 | 2500.0 | 2297.5 | M |
| | | Average of Peak Amounts = | | | | 2387.6 | |
| | | | | | | RPD = 7.94 | |

## QC Flag Legend

Review Flags
M - Manually Integrated

## Reagents:

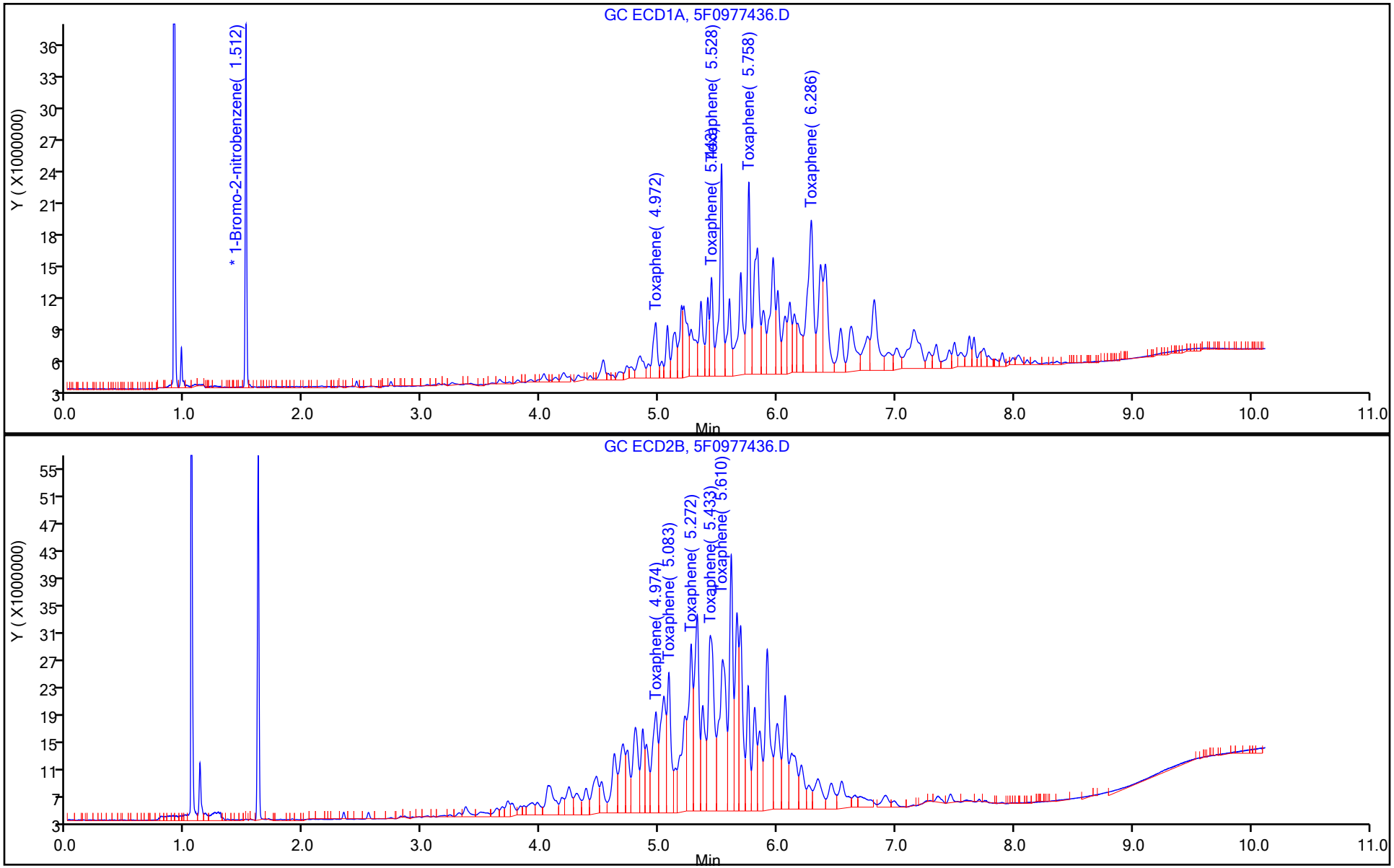
SGTOXAPHENEL6_00012 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 22-Jan-2025 03:49:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 13:29:20 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | IC | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 22 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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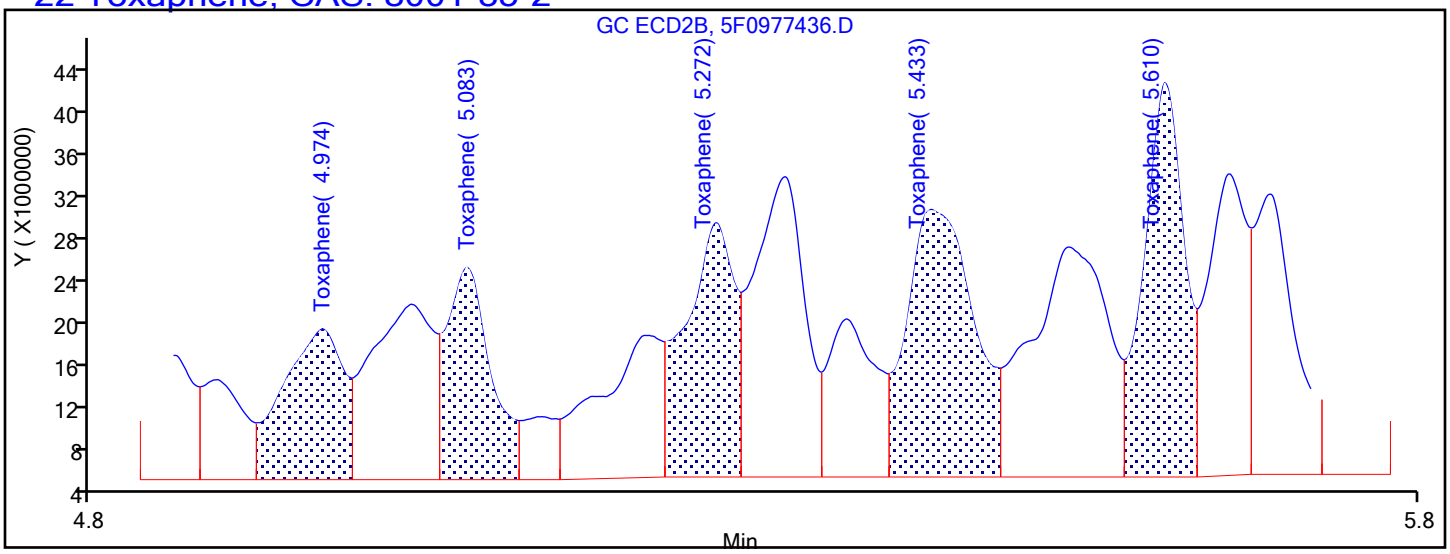
Report Date: 22-Jan-2025 03:49:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

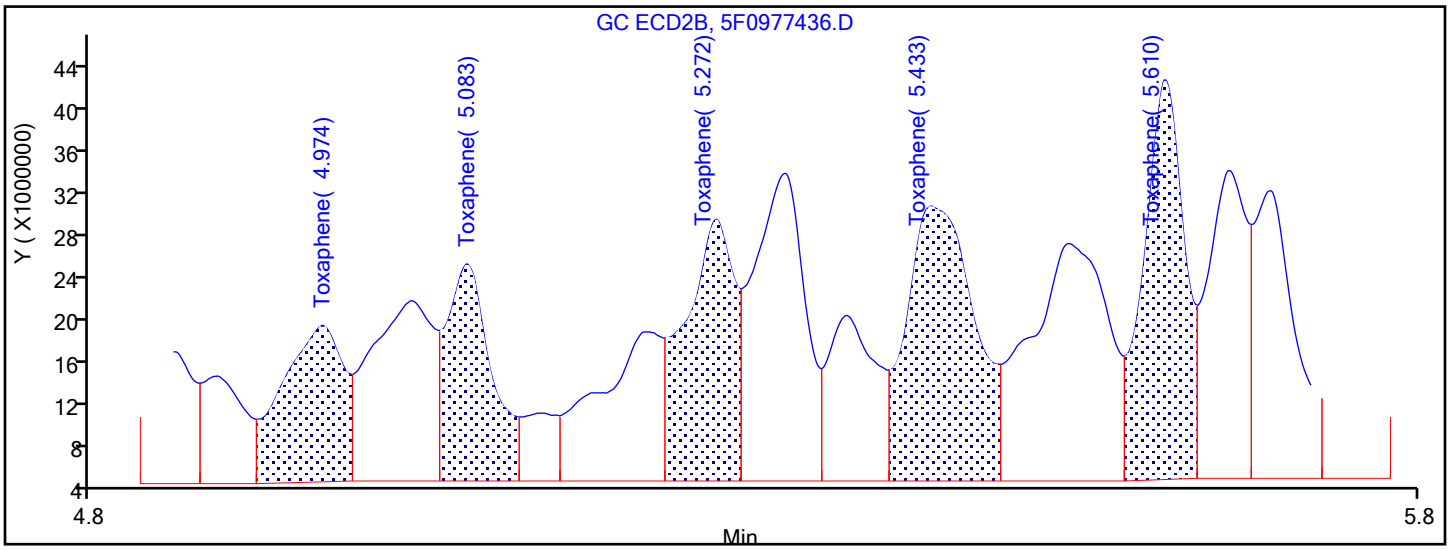
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D
Injection Date: 21-Jan-2025 13:29:20 Instrument ID: CPESTGC5
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 22 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.974 | Response = 44240965 |
| 5.083 | Response = 45366386 |
| 5.272 | Response = 61073858 |
| 5.433 | Response = 87813784 |
| 5.610 | Response = 77293904 |




Manual Integration Results

| | | |
|---|---|---|
| 4.974 | Response = 46933548 | M |
| 5.083 | Response = 47608692 | M |
| 5.272 | Response = 63291149 | M |
| 5.433 | Response = 91097208 | M |
| 5.610 | Response = 79522223 | M |

Reviewer: ESS0, 22-Jan-2025 03:07:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

## Calibration / Toxaphene Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

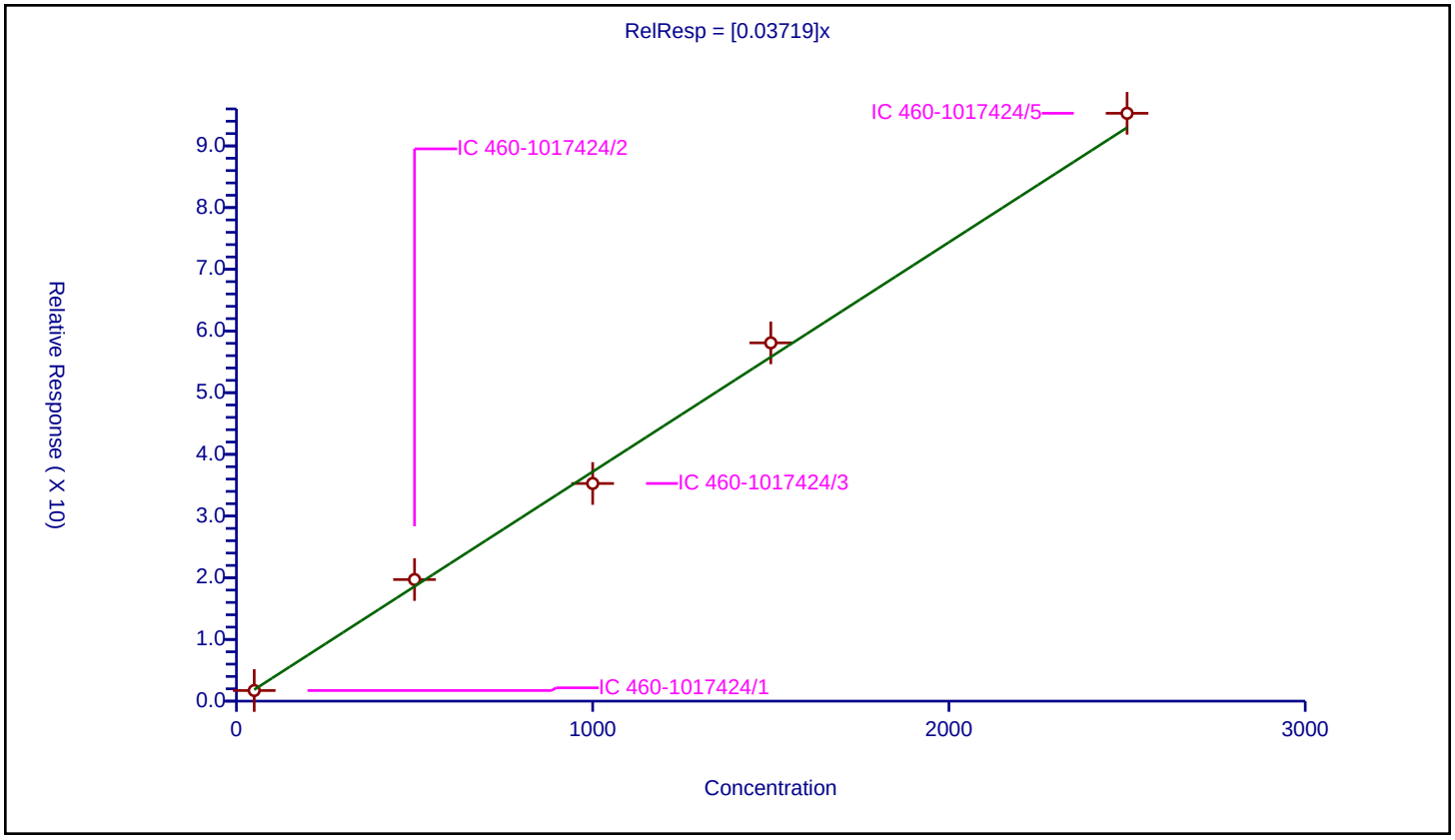
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03719 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 1.720597 | 100.0 | 56928605.0 | 0.034412 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 19.710875 | 100.0 | 51364736.0 | 0.039422 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 35.283041 | 100.0 | 55728465.0 | 0.035283 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 58.077363 | 100.0 | 50311725.0 | 0.038718 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 95.286899 | 100.0 | 49254985.0 | 0.038115 | Y |



## Calibration / Toxaphene Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

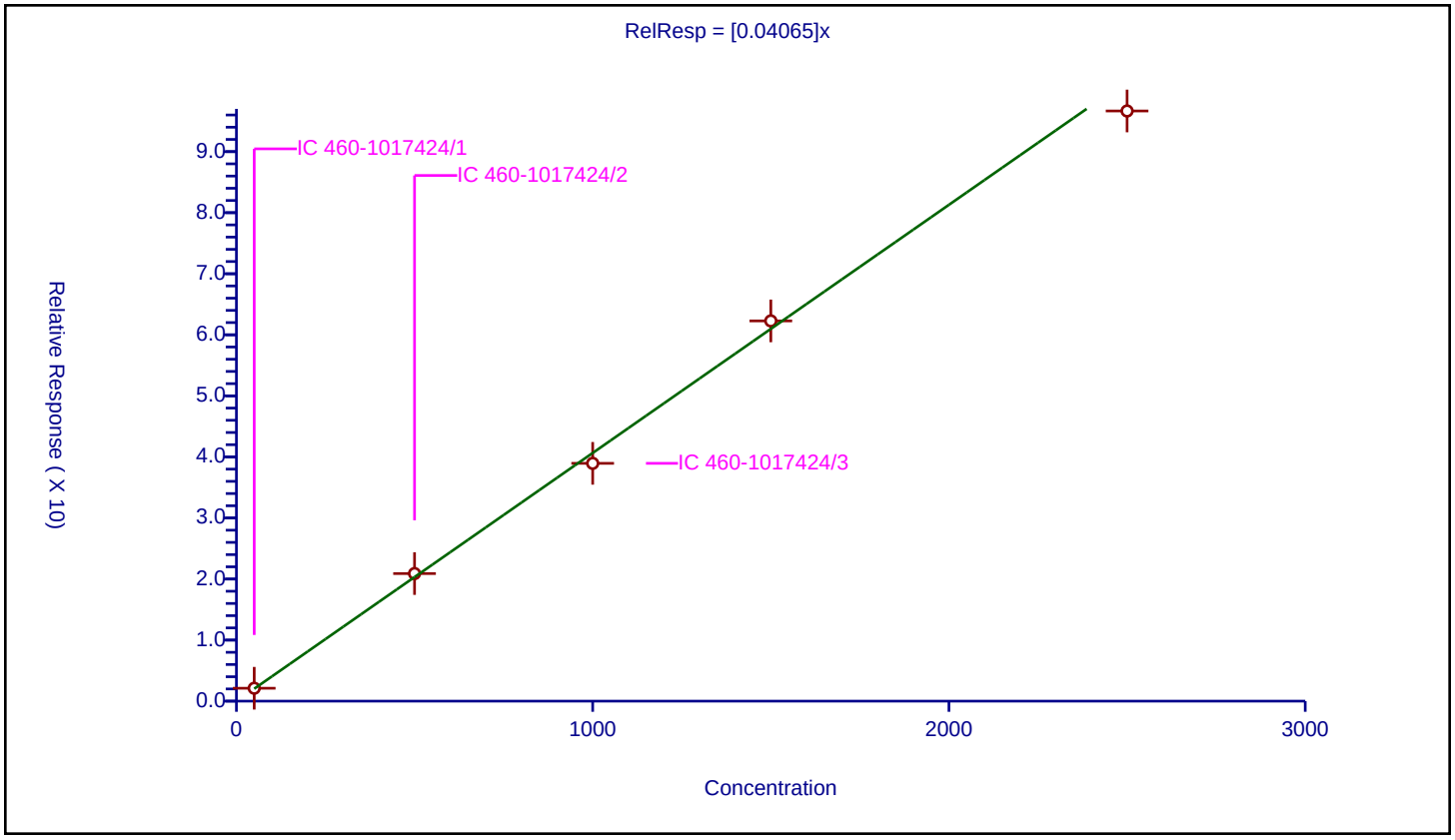
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04065 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 2.115379 | 100.0 | 56928605.0 | 0.042308 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 20.897596 | 100.0 | 51364736.0 | 0.041795 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 38.947114 | 100.0 | 55728465.0 | 0.038947 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 62.276239 | 100.0 | 50311725.0 | 0.041517 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 96.657611 | 100.0 | 49254985.0 | 0.038663 | Y |



## Calibration / Toxaphene Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

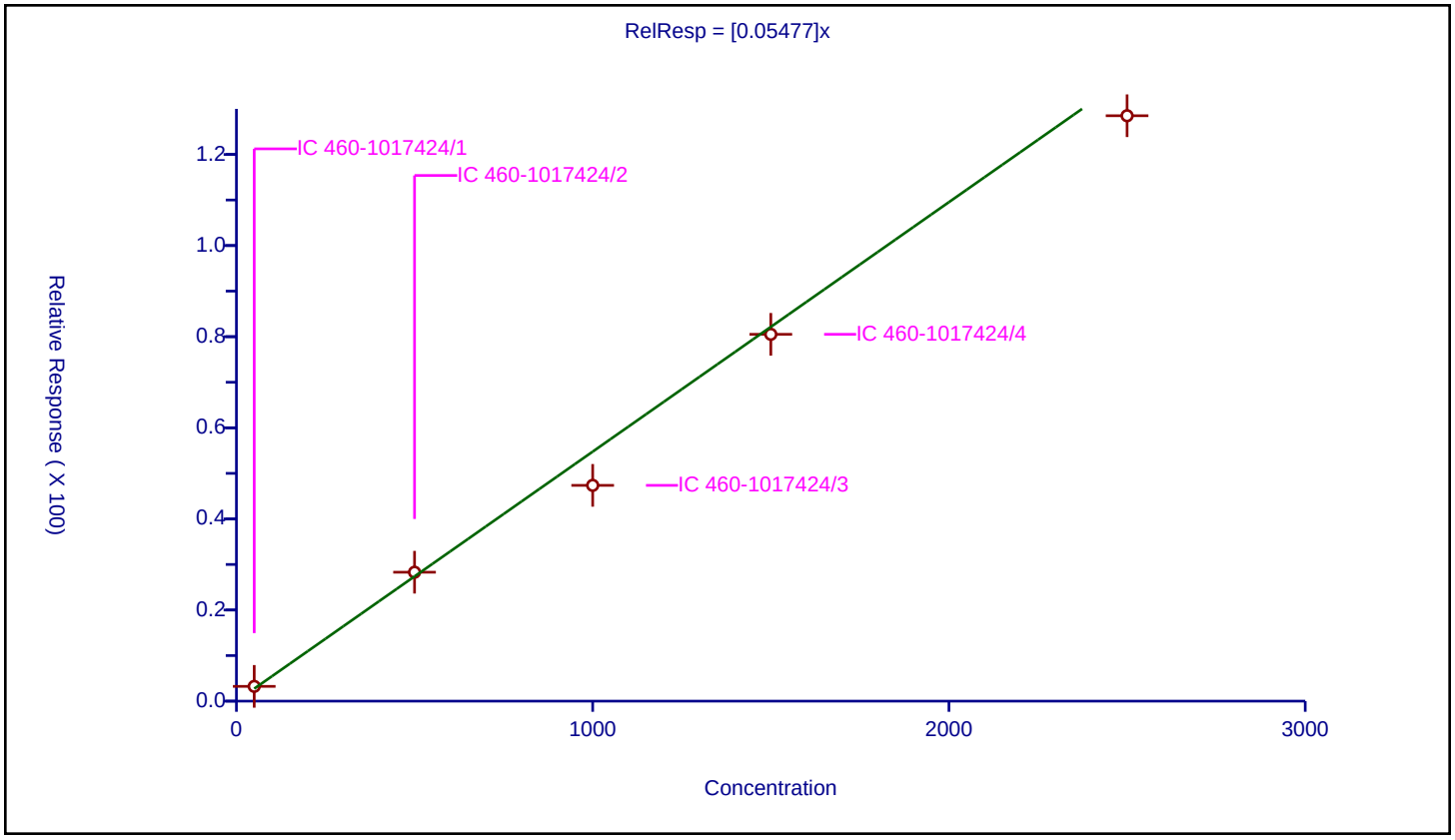
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05477 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 3.239484 | 100.0 | 56928605.0 | 0.06479 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 28.299894 | 100.0 | 51364736.0 | 0.0566 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 47.363591 | 100.0 | 55728465.0 | 0.047364 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 80.515868 | 100.0 | 50311725.0 | 0.053677 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 128.496941 | 100.0 | 49254985.0 | 0.051399 | Y |



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## Calibration / Toxaphene Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

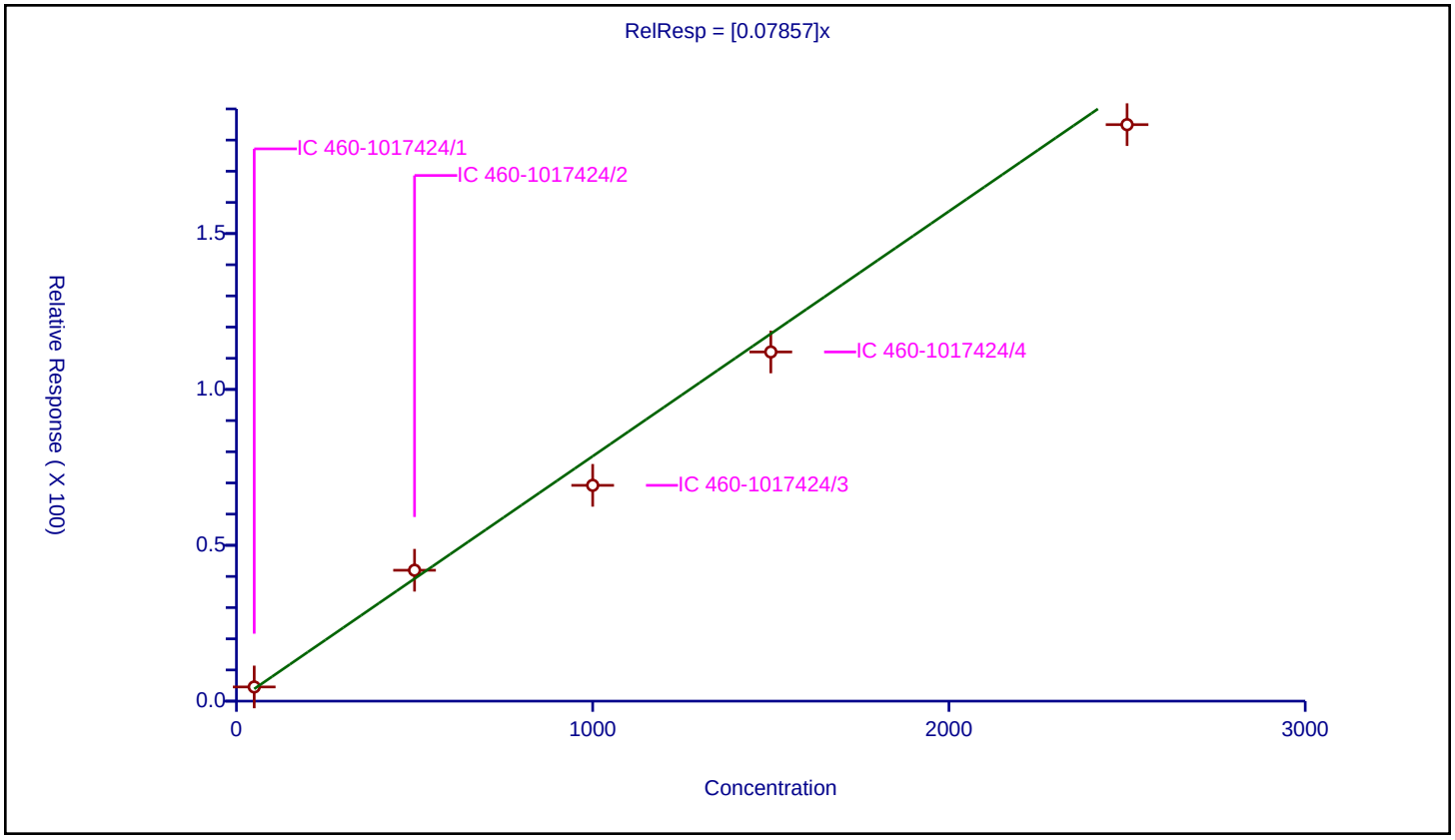
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07857 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 4.548956 | 100.0 | 56928605.0 | 0.090979 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 41.994663 | 100.0 | 51364736.0 | 0.083989 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 69.229054 | 100.0 | 55728465.0 | 0.069229 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 112.026926 | 100.0 | 50311725.0 | 0.074685 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 184.95023 | 100.0 | 49254985.0 | 0.07398 | Y |



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## Calibration / Toxaphene Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

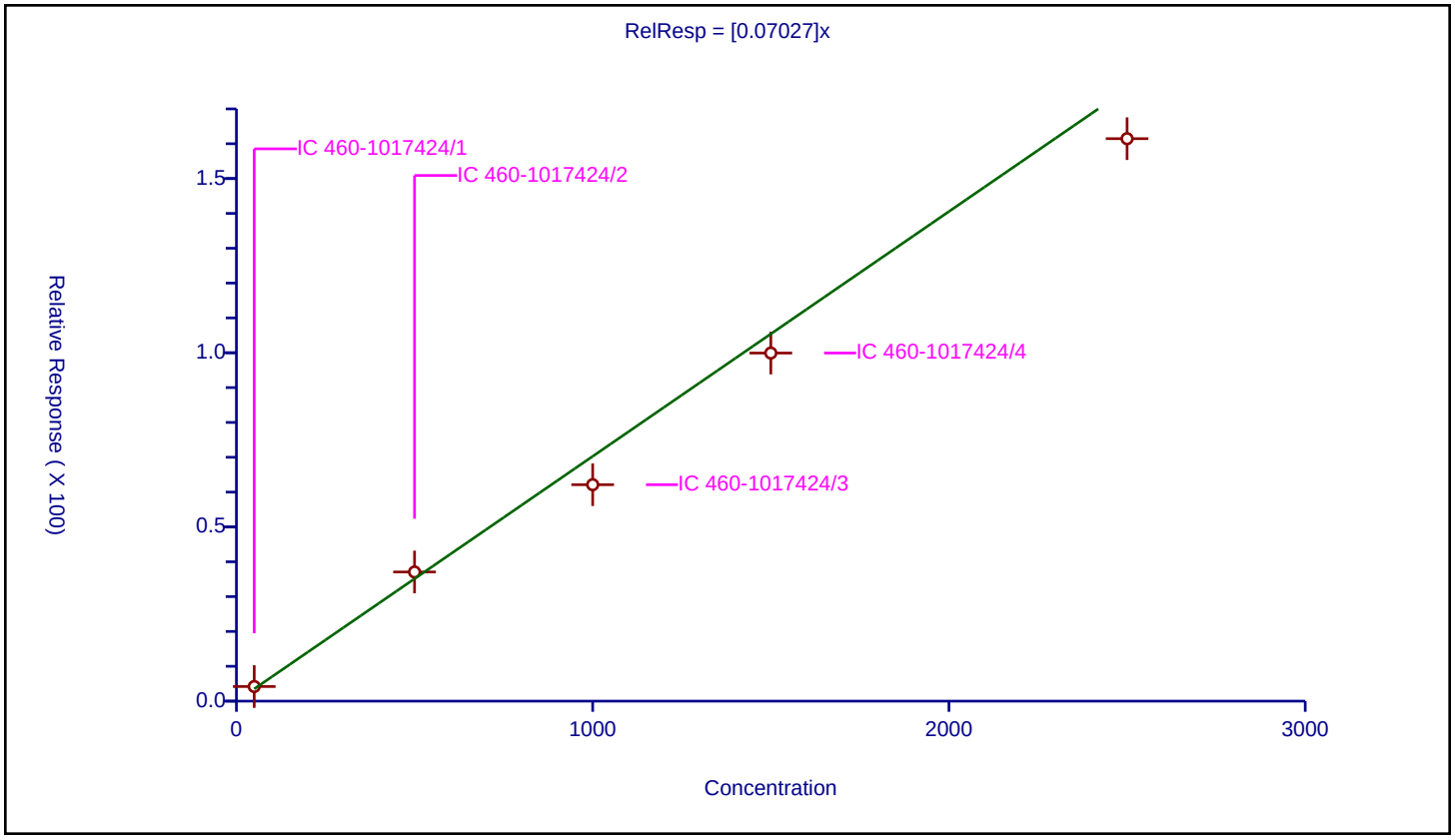
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1017424/1 | 50.0 | 4.194902 | 100.0 | 56928605.0 | 0.083898 | Y |
| 2 | IC 460-1017424/2 | 500.0 | 37.073505 | 100.0 | 51364736.0 | 0.074147 | Y |
| 3 | IC 460-1017424/3 | 1000.0 | 62.124004 | 100.0 | 55728465.0 | 0.062124 | Y |
| 4 | IC 460-1017424/4 | 1500.0 | 99.916938 | 100.0 | 50311725.0 | 0.066611 | Y |
| 5 | IC 460-1017424/5 | 2500.0 | 161.450101 | 100.0 | 49254985.0 | 0.06458 | Y |



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FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID (2): ICISAV 460-1017577/3  Instrument ID (2): CPESTGC12

GC Column (2): CLP-2  ID: 0.53(mm)  Date Analyzed (2): 01/22/2025 09:50

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 2.04 | 100.00 |
| Endosulfan I | 4.72 | 99.70 |
| 4,4'-DDE | 4.85 | 99.80 |
| Dieldrin | 5.02 | 100.00 |
| Endosulfan sulfate | 6.29 | 100.00 |
| Methoxychlor | 6.91 | 98.70 |
| Endrin ketone | 7.16 | 99.30 |

Resolution Report

Eurofins Edison

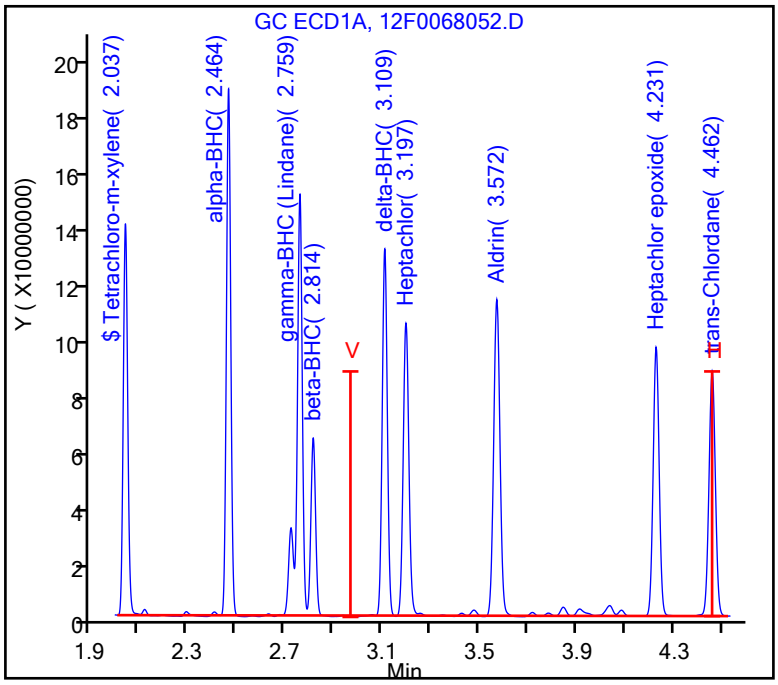
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 83474000
H(Smaller Peak Height) = 83180936

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

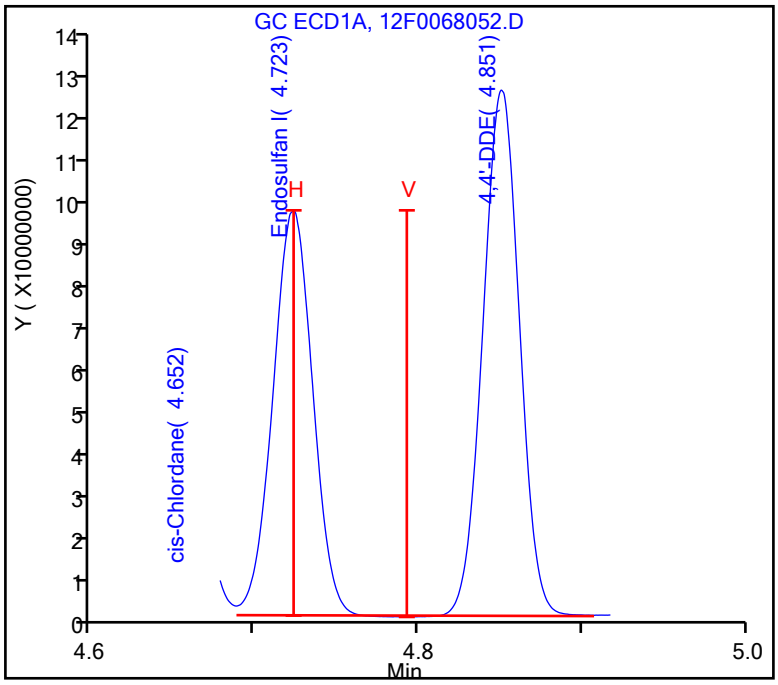
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 86561968
H(Smaller Peak Height) = 86854200

%Resolution = 99.7, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

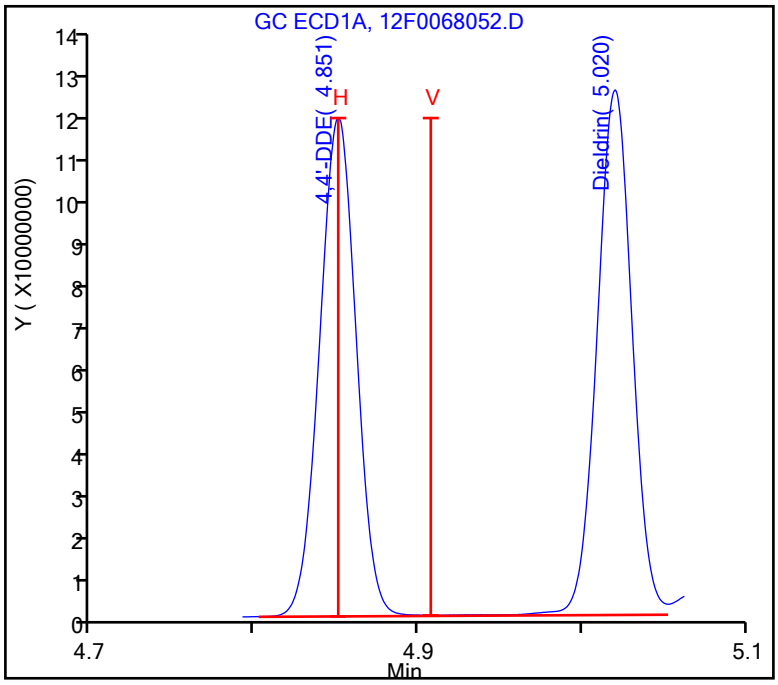
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 111794216
H(Smaller Peak Height) = 112026736

%Resolution = 99.8, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

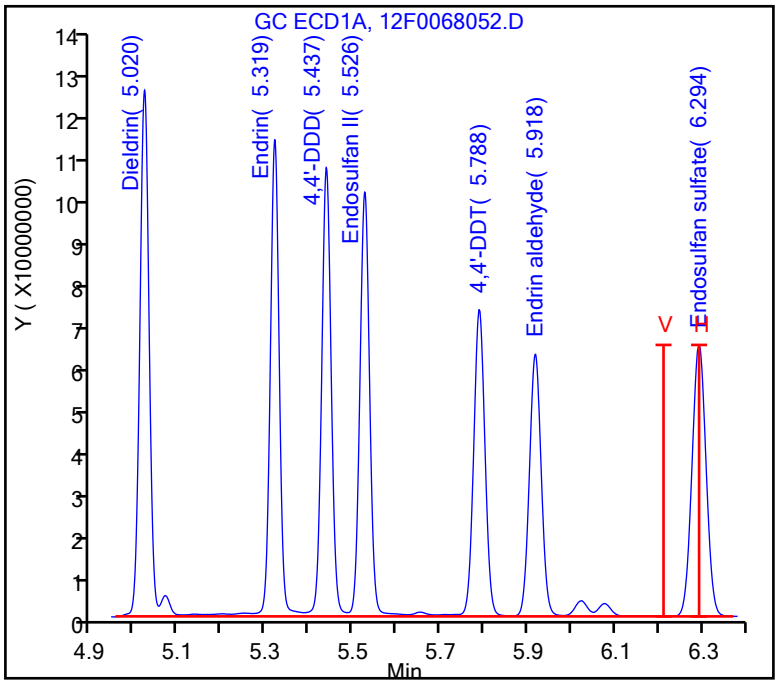
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 60805544
H(Smaller Peak Height) = 60828060

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

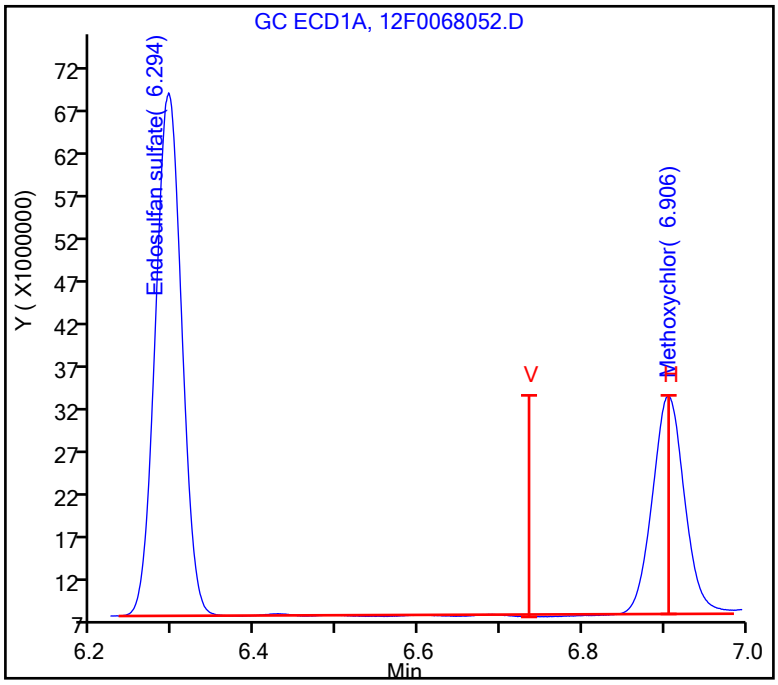
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 25760384
H(Smaller Peak Height) = 25415148

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

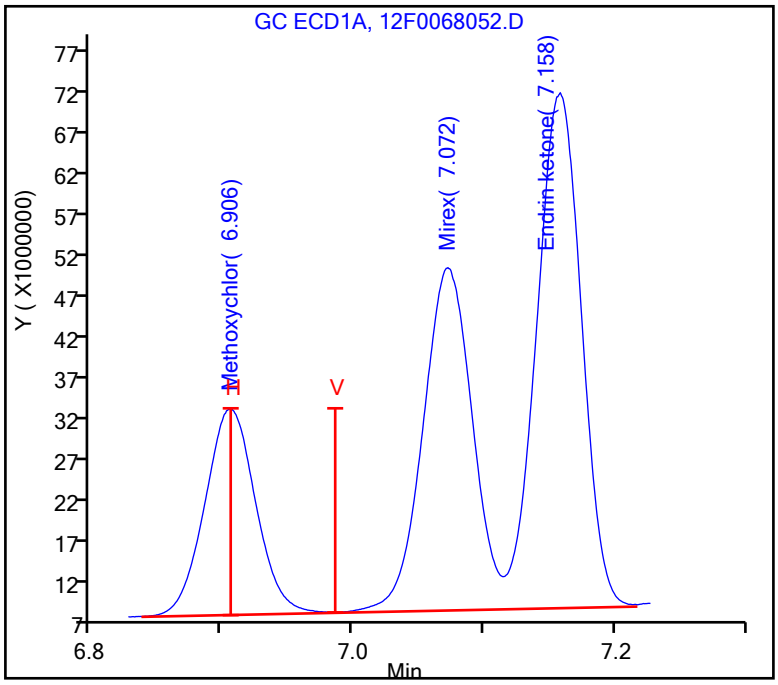
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 24994412
H(Smaller Peak Height) = 25330248

%Resolution = 98.7, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

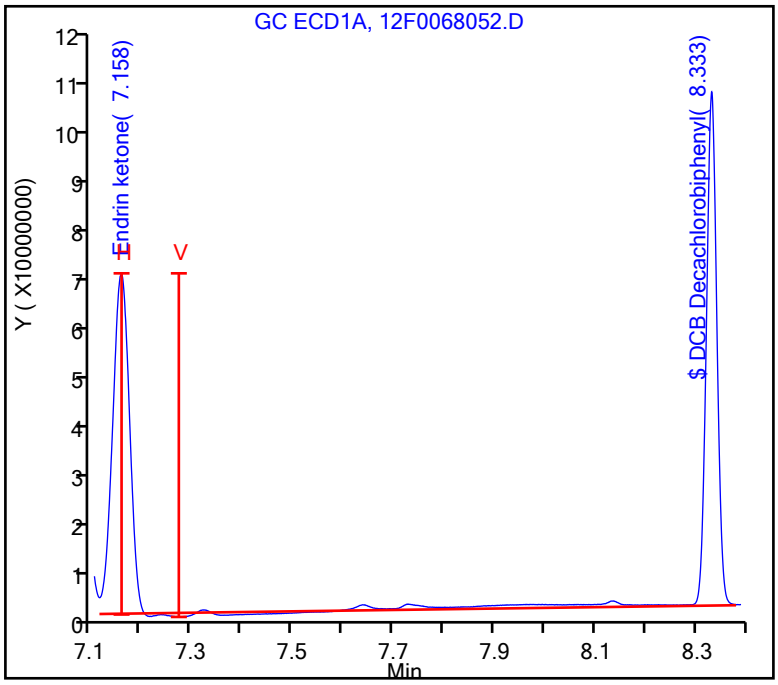
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068052.D
Injection Date: 22-Jan-2025 09:50:17 Instrument ID: CPESTGC12
Lims ID: ICISAV
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 62760608
H(Smaller Peak Height) = 63204816

%Resolution = 99.3, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (2): CCVIS 460-1020035/3 Instrument ID (2): CPESTGC12

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 02/07/2025 02:42

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 2.03 | 100.00 |
| Endosulfan I | 4.70 | 99.90 |
| 4,4'-DDE | 4.83 | 99.90 |
| Dieldrin | 5.00 | 100.00 |
| Endosulfan sulfate | 6.26 | 100.00 |
| Methoxychlor | 6.87 | 99.30 |
| Endrin ketone | 7.12 | 100.00 |

Resolution Report

Eurofins Edison

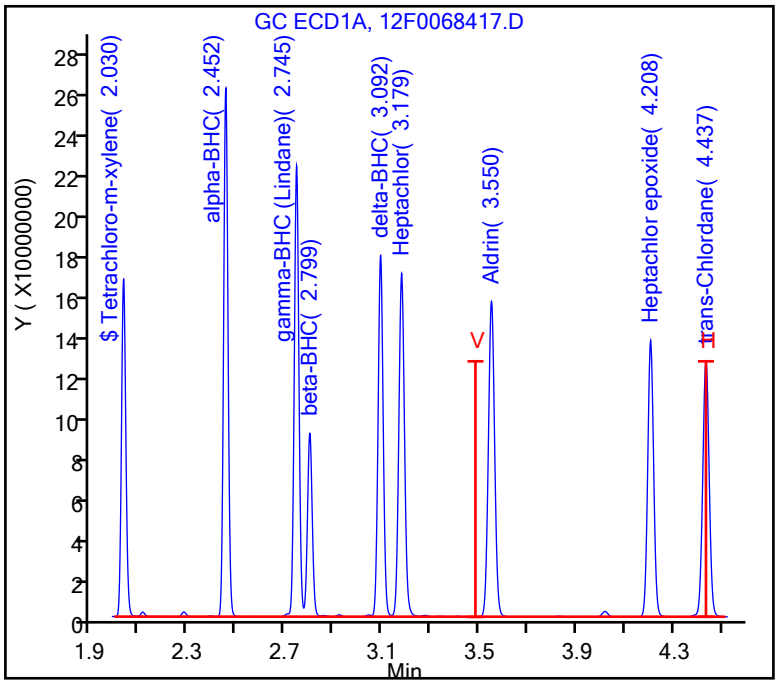
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 123409064
H(Smaller Peak Height) = 123312792

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

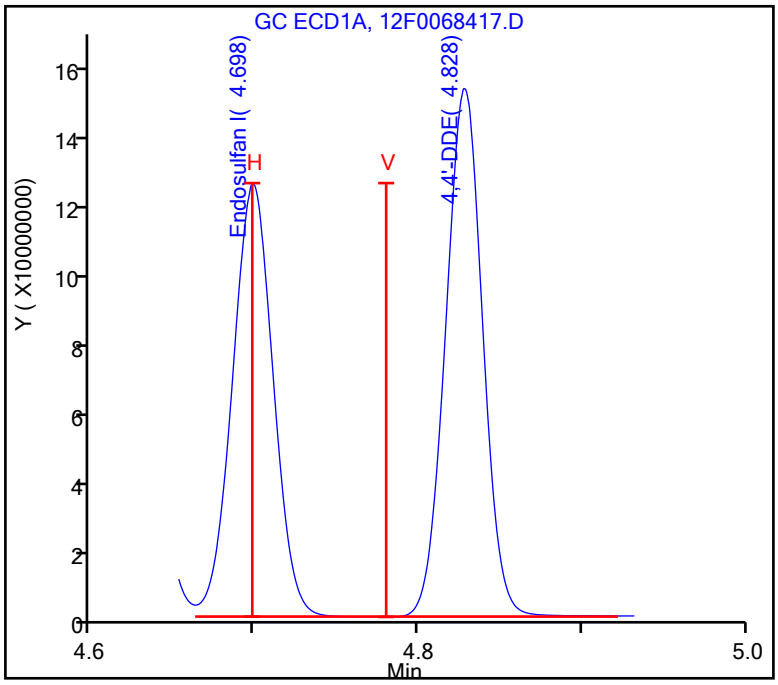
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 122058120
H(Smaller Peak Height) = 122132624

%Resolution = 99.9, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

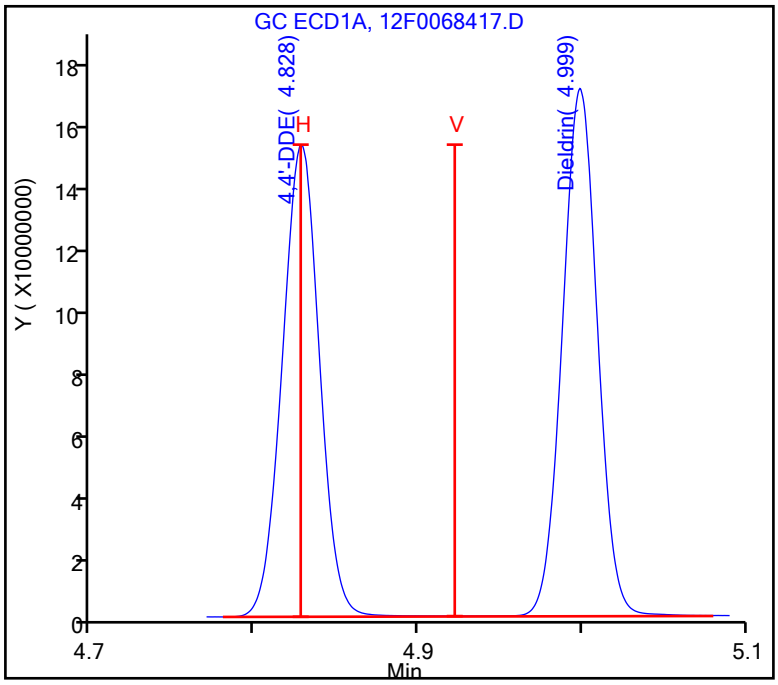
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 148381824
H(Smaller Peak Height) = 148600128

%Resolution = 99.9, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

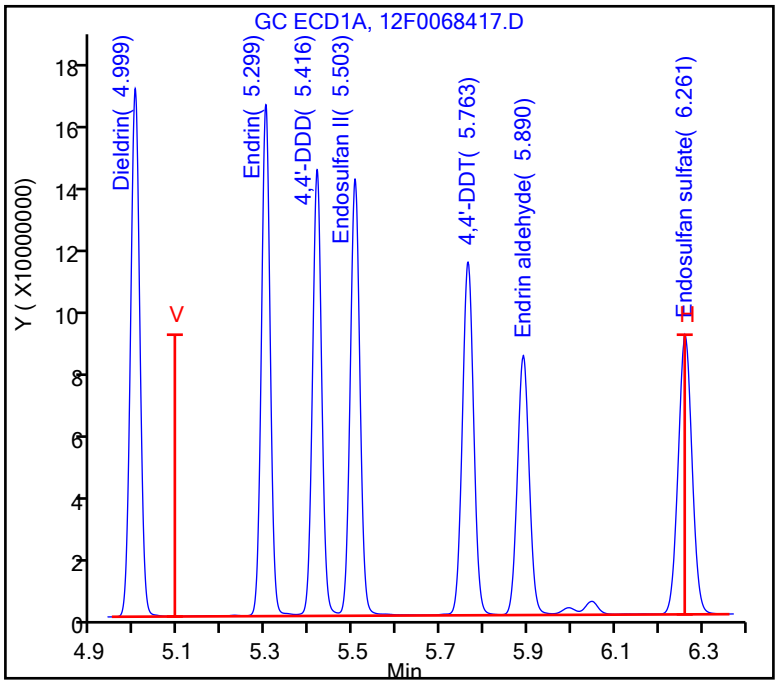
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 88544784
H(Smaller Peak Height) = 87891432

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

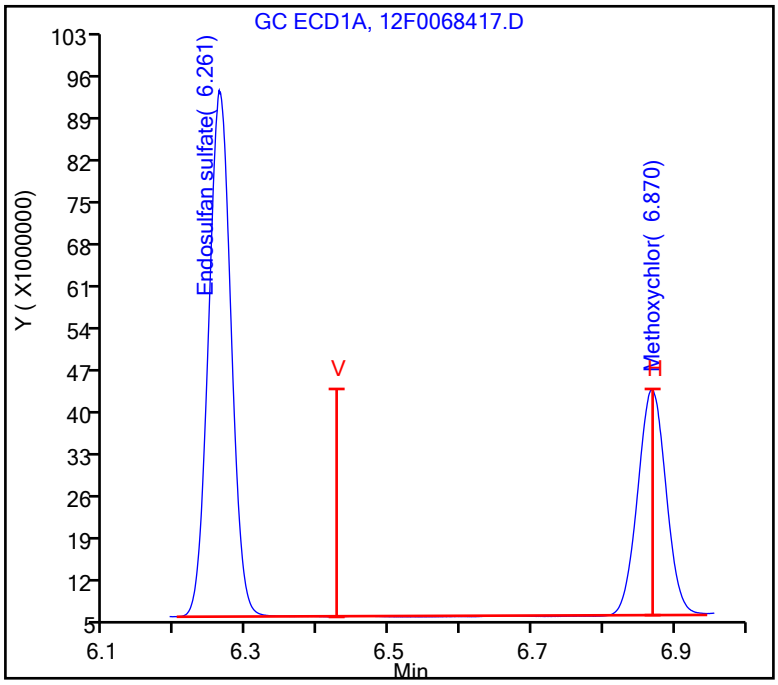
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 38012676
H(Smaller Peak Height) = 37707840

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

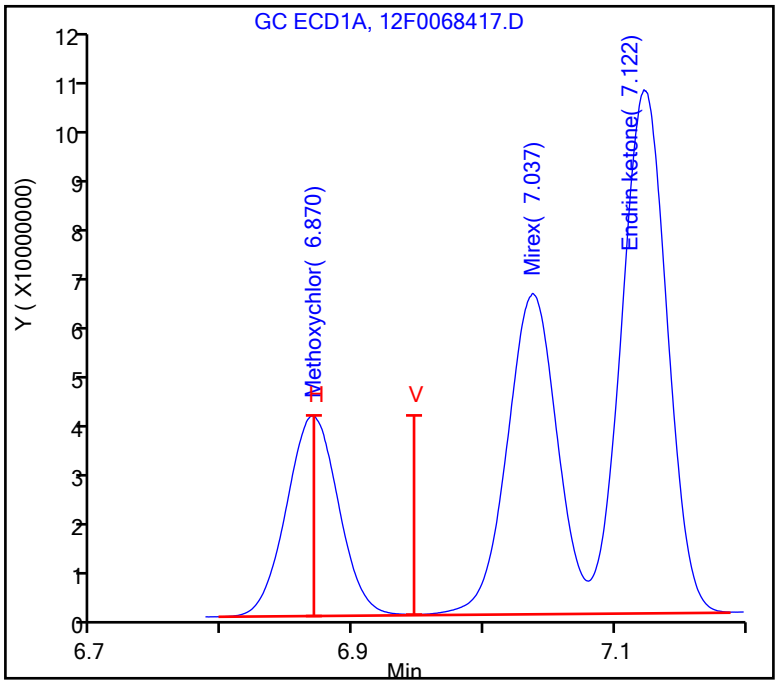
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 37457404
H(Smaller Peak Height) = 37731444

%Resolution = 99.3, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

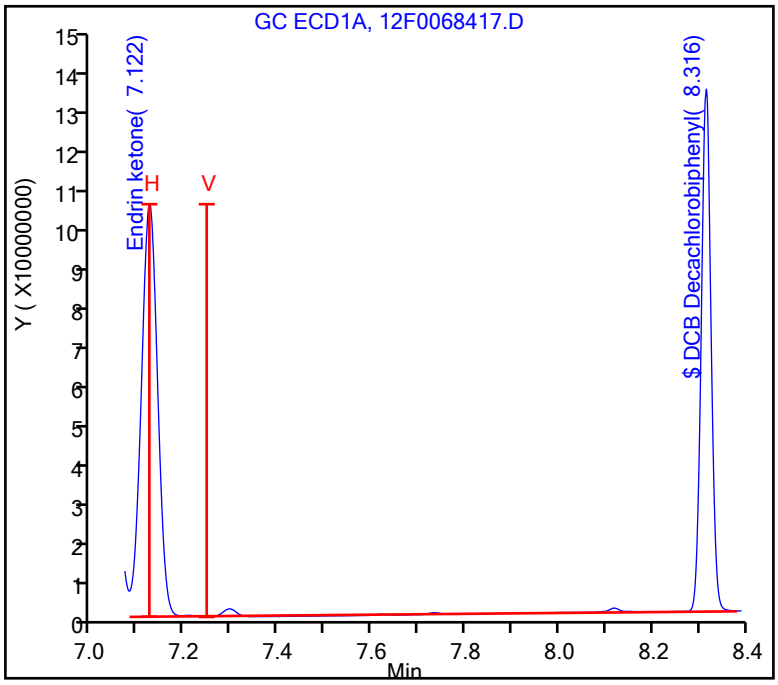
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 98526456
H(Smaller Peak Height) = 98470968

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020035/3 Instrument ID (1): CPESTGC12

GC Column (1): Rtx-CLP ID: 0.53(mm) Date Analyzed (1): 02/07/2025 02:42

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 1.81 | 100.00 |
| 4,4'-DDE | 3.79 | 22.30 |
| Endosulfan I | 3.85 | 100.00 |
| Dieldrin | 4.13 | 100.00 |
| Methoxychlor | 5.28 | 96.70 |
| Endosulfan sulfate | 5.46 | 100.00 |
| Endrin ketone | 5.73 | 100.00 |

Resolution Report

Eurofins Edison

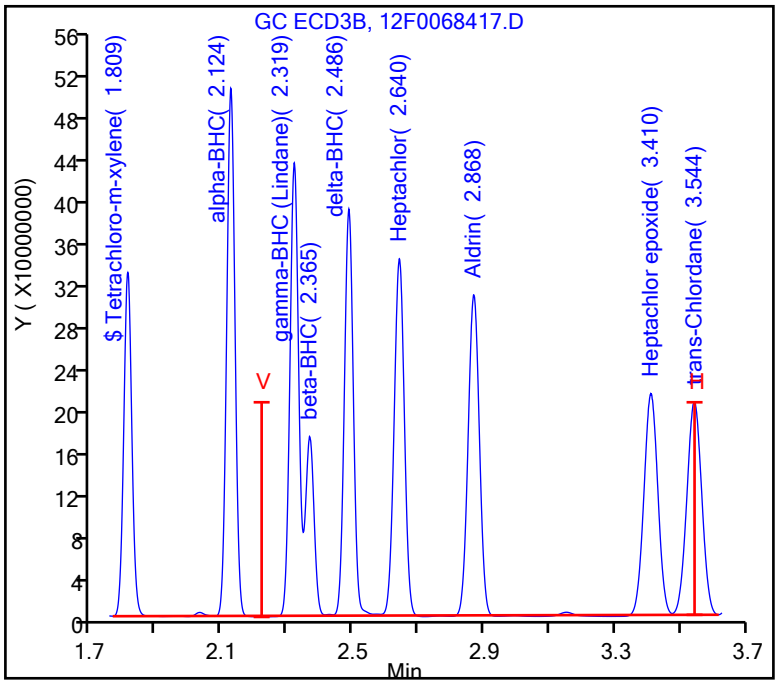
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 201943888
H(Smaller Peak Height) = 199953792

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

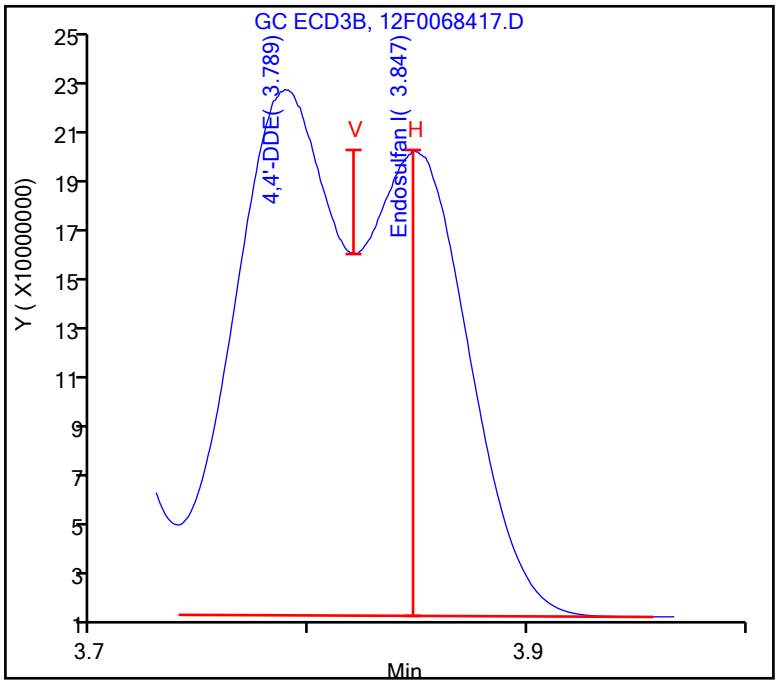
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 41356528
H(Smaller Peak Height) = 185180224

%Resolution = 22.3, Min. Resolution > 60.0
Failed



Resolution Report

Eurofins Edison

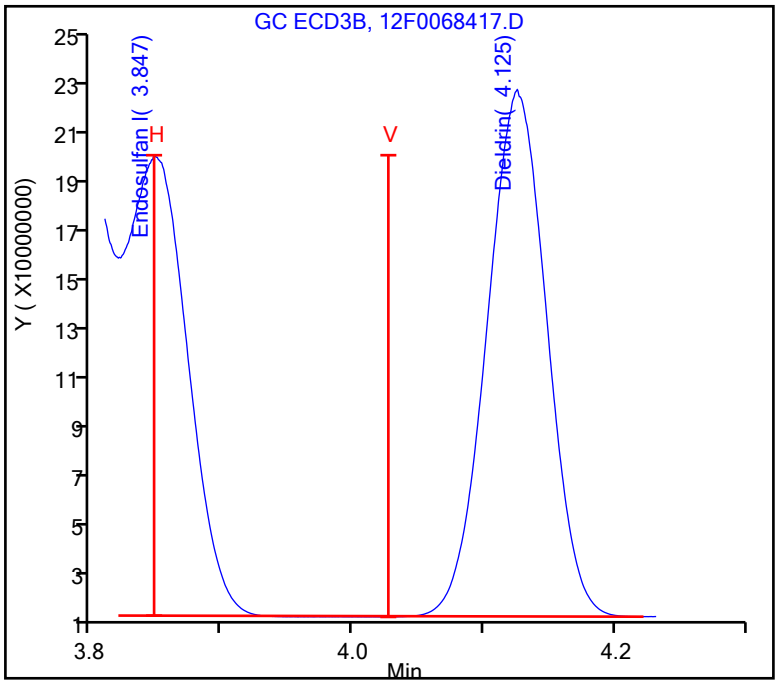
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 185627040
H(Smaller Peak Height) = 185106496

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

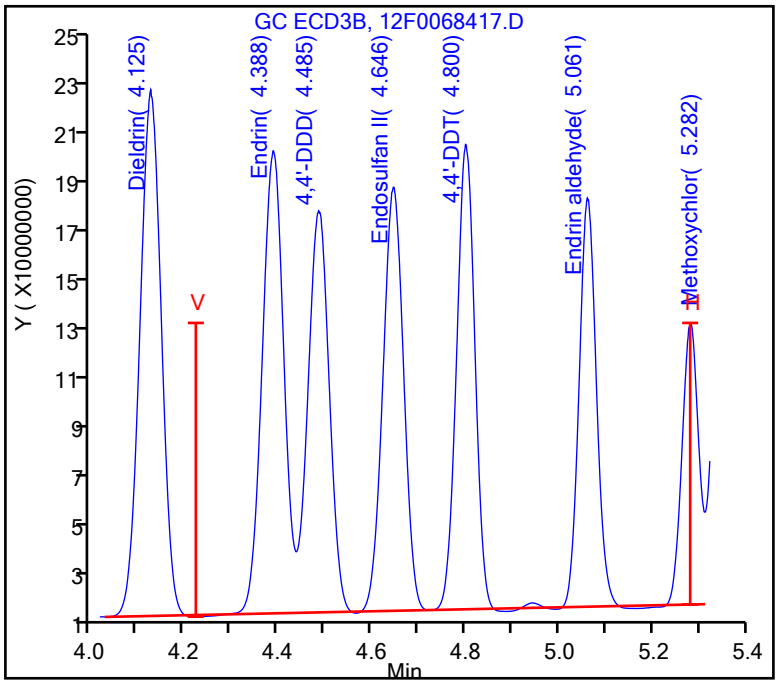
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 118098736
H(Smaller Peak Height) = 113204480

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

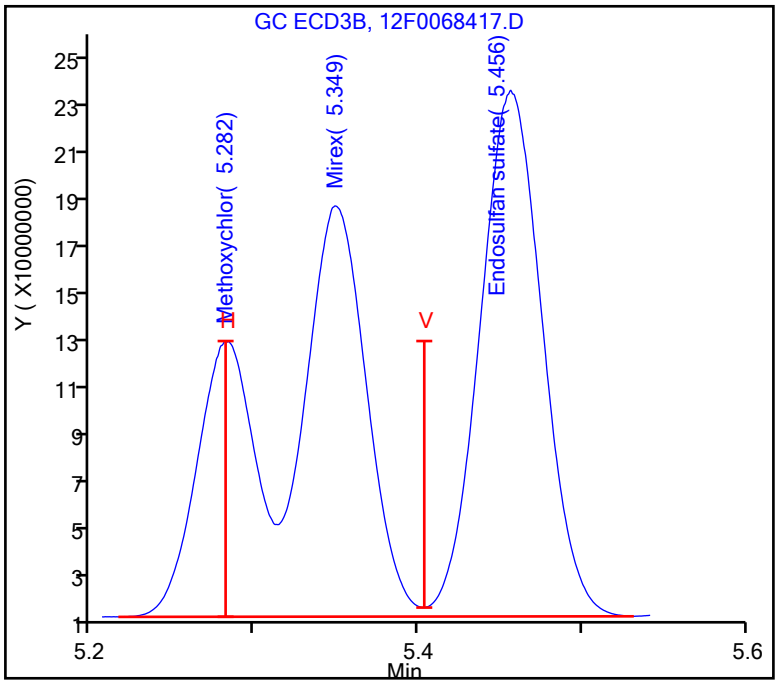
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 110403912
H(Smaller Peak Height) = 114218160

%Resolution = 96.7, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

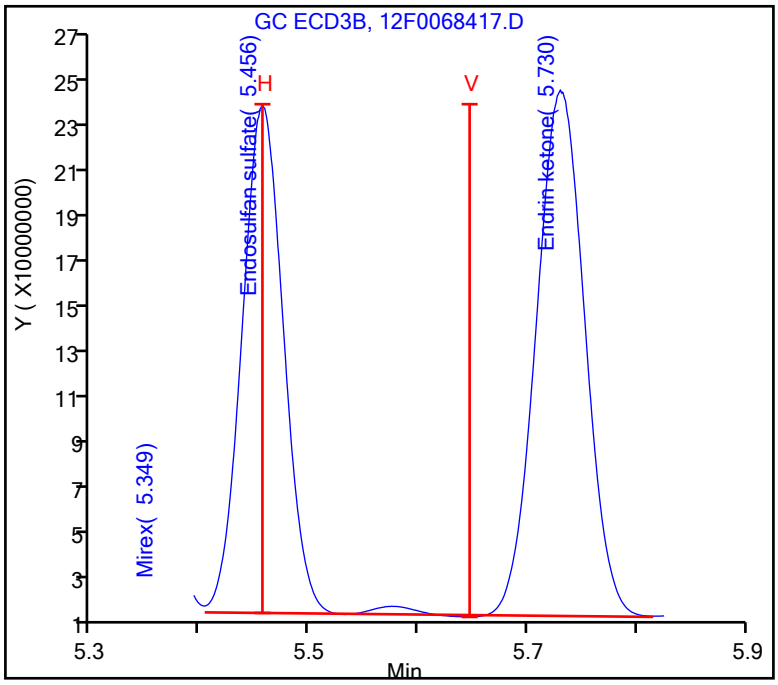
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 218919792
H(Smaller Peak Height) = 217214192

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

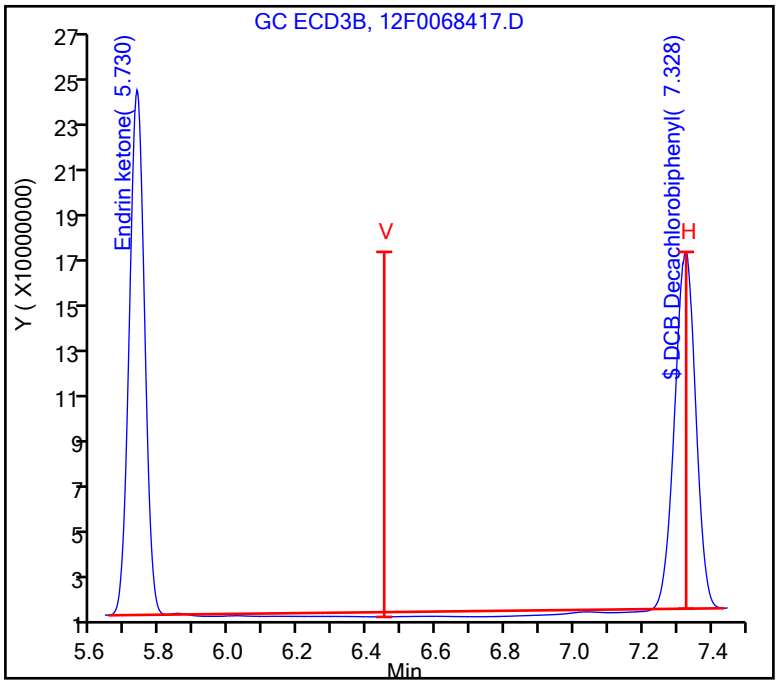
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 156288176
H(Smaller Peak Height) = 152754336

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (2): CCVIS 460-1020038/3 Instrument ID (2): CPESTGC5

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 02/07/2025 02:44

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 2.02 | 100.00 |
| Endosulfan I | 4.69 | 99.70 |
| 4,4'-DDE | 4.82 | 99.50 |
| Dieldrin | 4.98 | 100.00 |
| Endosulfan sulfate | 6.02 | 100.00 |
| Methoxychlor | 6.46 | 97.60 |
| Endrin ketone | 6.67 | 100.00 |

Resolution Report

Eurofins Edison

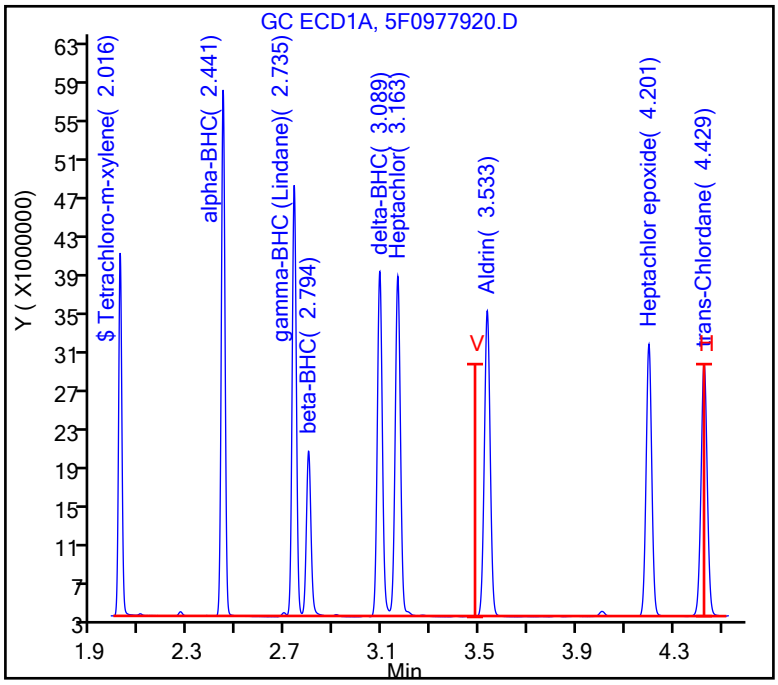
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 26195936
H(Smaller Peak Height) = 26108628

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

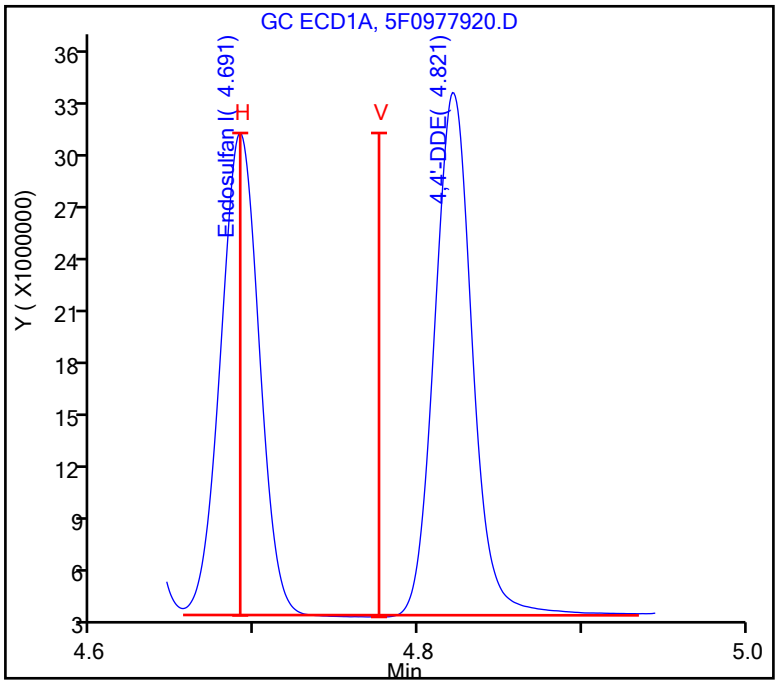
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 27200256
H(Smaller Peak Height) = 27285908

%Resolution = 99.7, Min. Resolution > 100.0
Failed



Resolution Report

Eurofins Edison

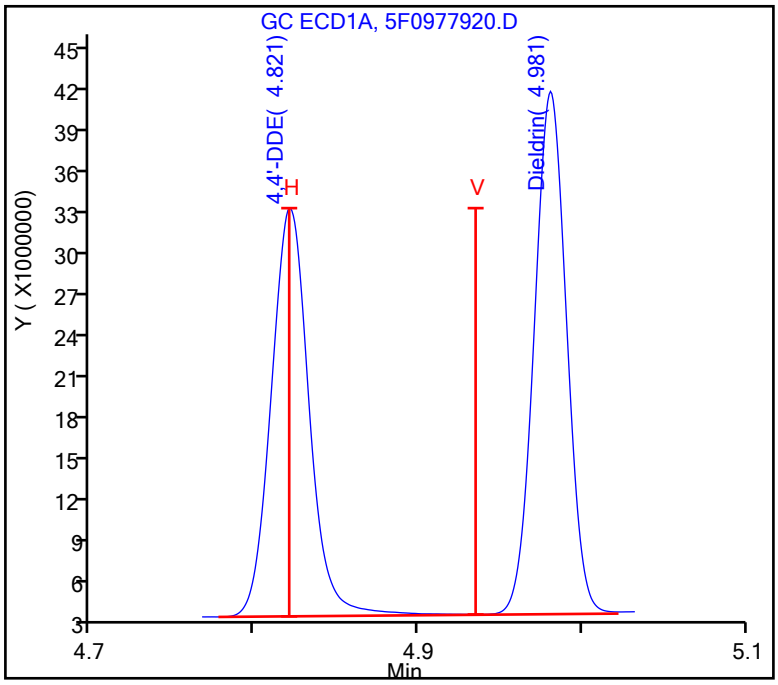
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 29293120
H(Smaller Peak Height) = 29429596

%Resolution = 99.5, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

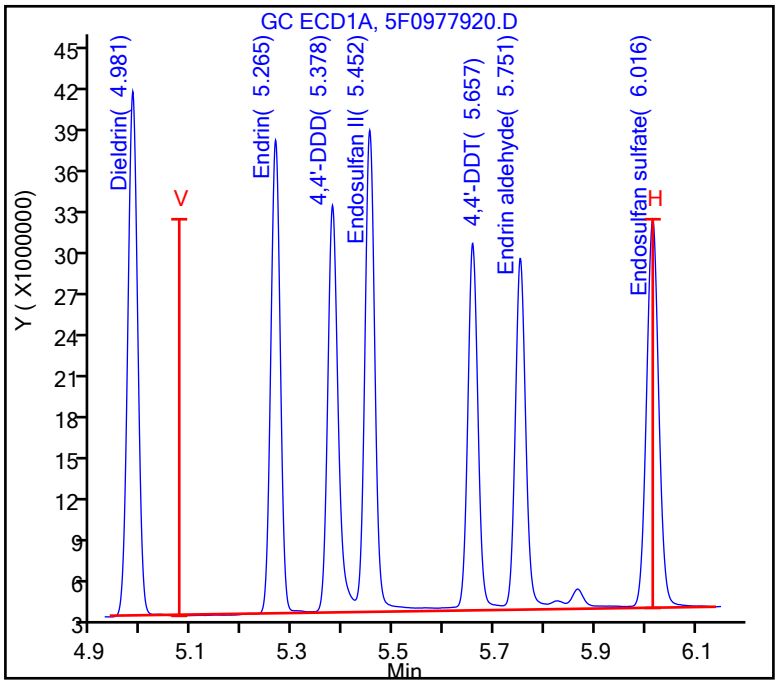
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 28473824
H(Smaller Peak Height) = 27906698

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

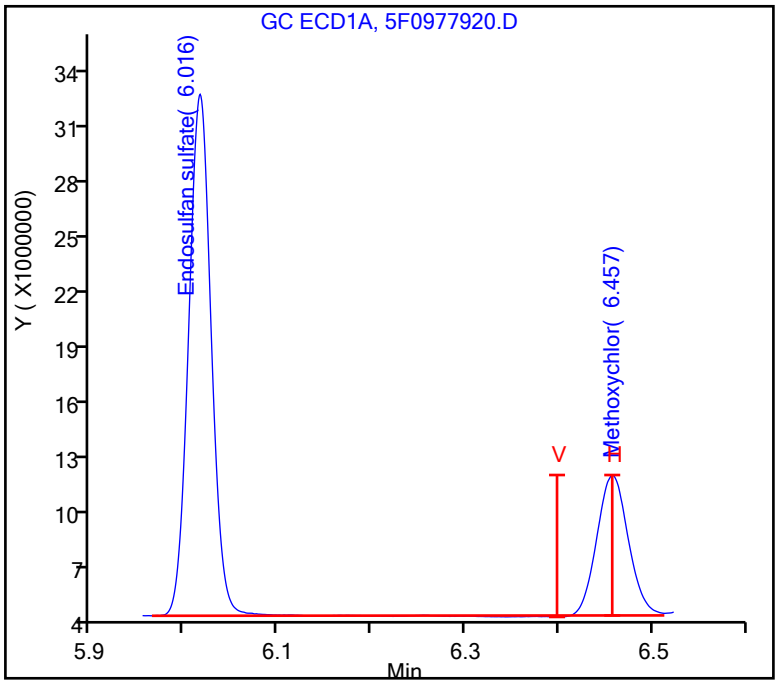
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 7568224
H(Smaller Peak Height) = 7488869

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

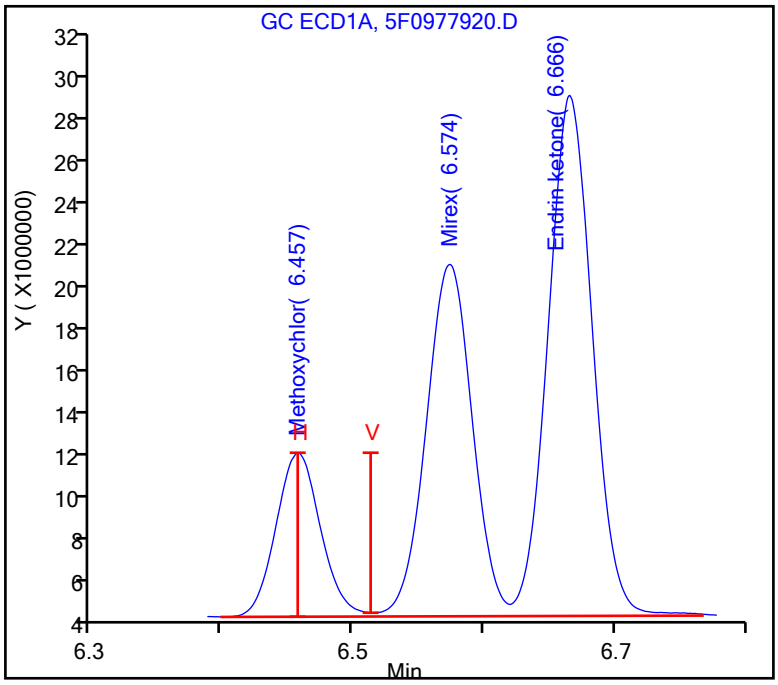
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 7375840
H(Smaller Peak Height) = 7558255

%Resolution = 97.6, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

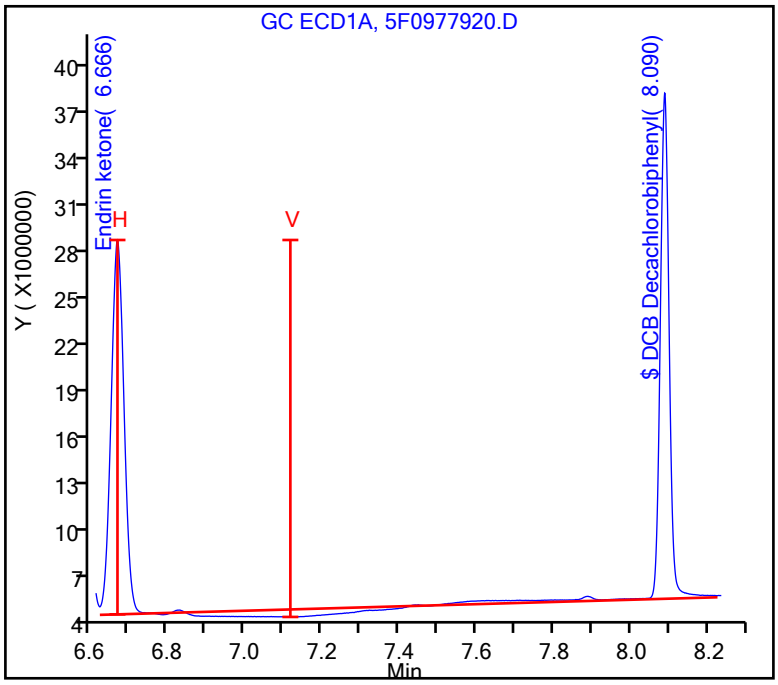
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 24105664
H(Smaller Peak Height) = 23940816

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020038/3 Instrument ID (1): CPESTGC5

GC Column (1): Rtx-CLP ID: 0.53(mm) Date Analyzed (1): 02/07/2025 02:44

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 2.00 | 100.00 |
| 4,4'-DDE | 4.16 | 88.50 |
| Endosulfan I | 4.22 | 100.00 |
| Dieldrin | 4.49 | 100.00 |
| Methoxychlor | 5.53 | 99.20 |
| Endosulfan sulfate | 5.69 | 100.00 |
| Endrin ketone | 5.92 | 100.00 |

Resolution Report

Eurofins Edison

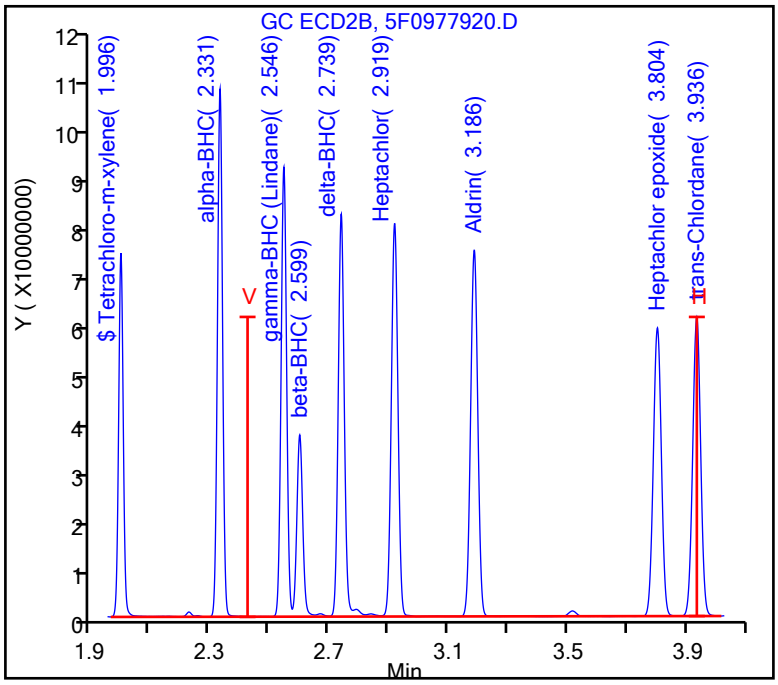
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 58420576
H(Smaller Peak Height) = 58260096

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

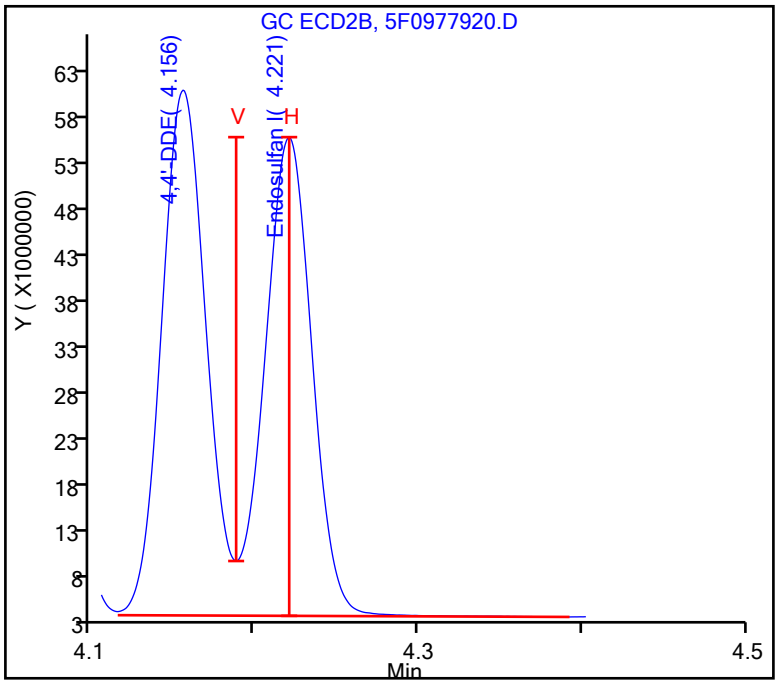
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 45551456
H(Smaller Peak Height) = 51443944

%Resolution = 88.5, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

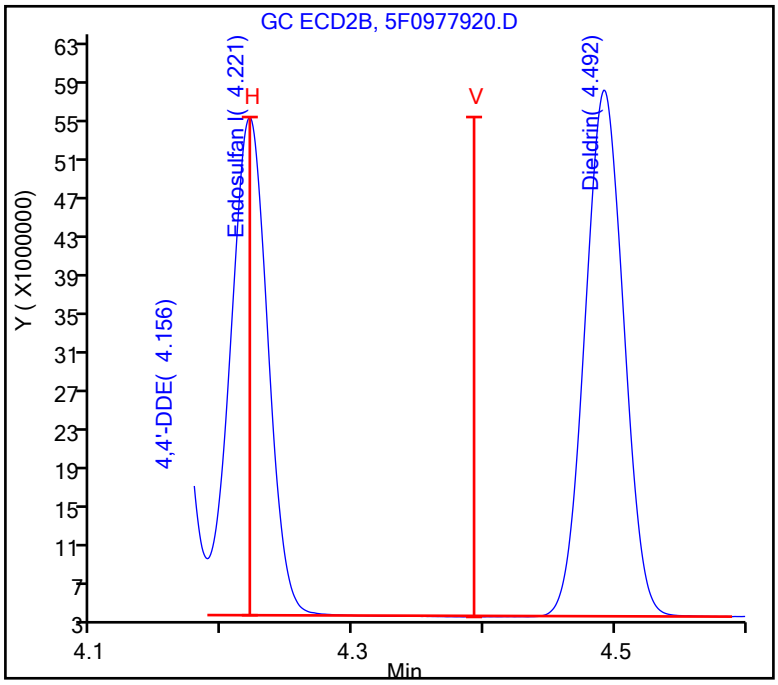
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 51561632
H(Smaller Peak Height) = 51381512

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

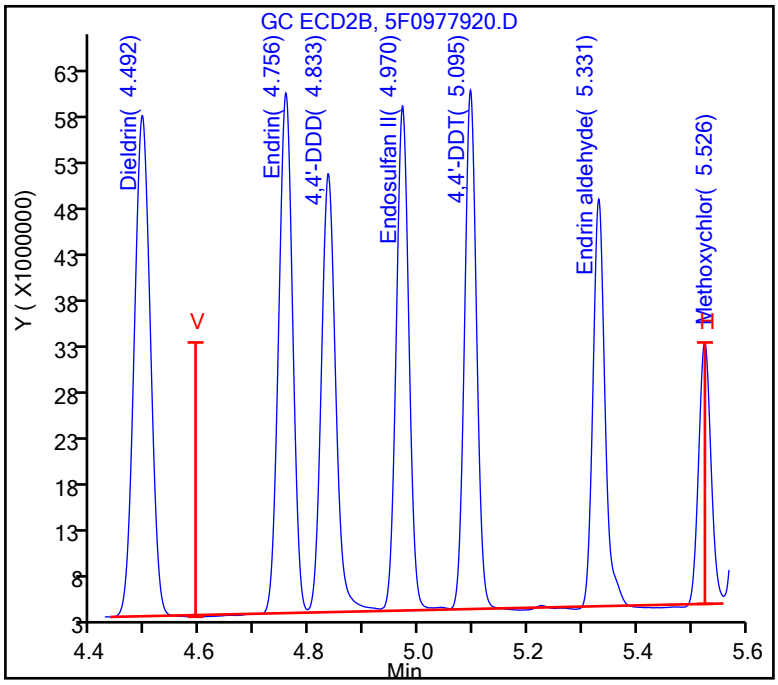
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 29712000
H(Smaller Peak Height) = 28317524

%Resolution = 100.0, Min. Resolution > 60.0
Passed

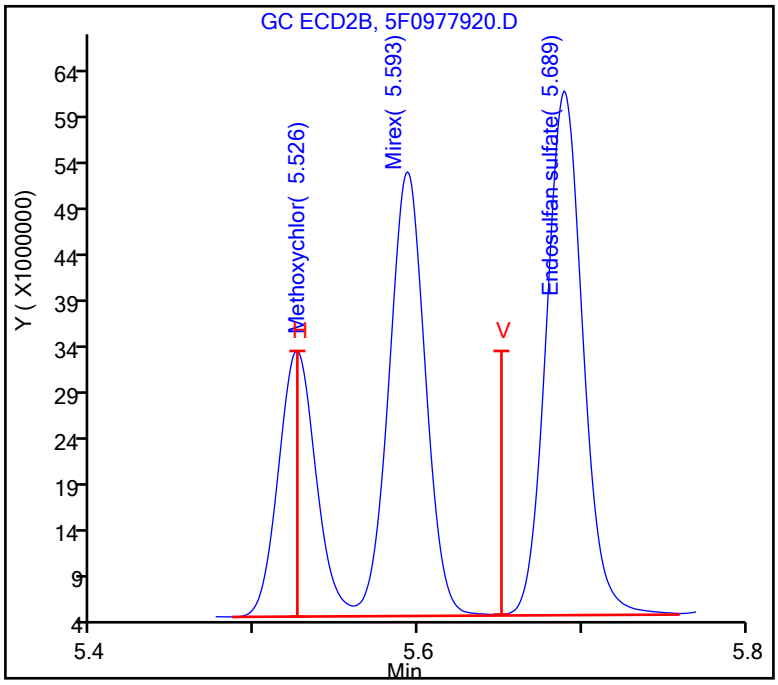


Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate




CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 28418432
H(Smaller Peak Height) = 28641126

%Resolution = 99.2, Min. Resolution > 60.0
Passed

Resolution Report

Eurofins Edison

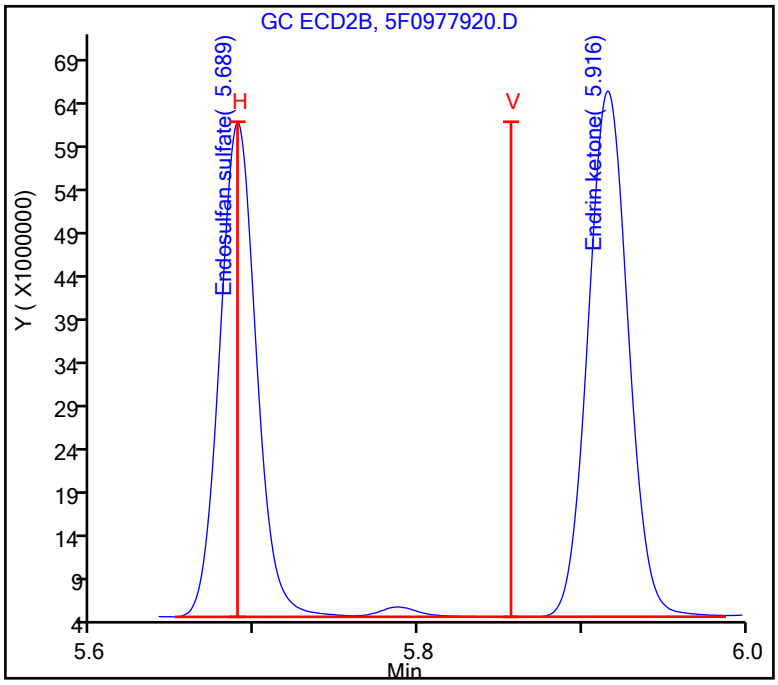
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 56447520
H(Smaller Peak Height) = 56444032

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

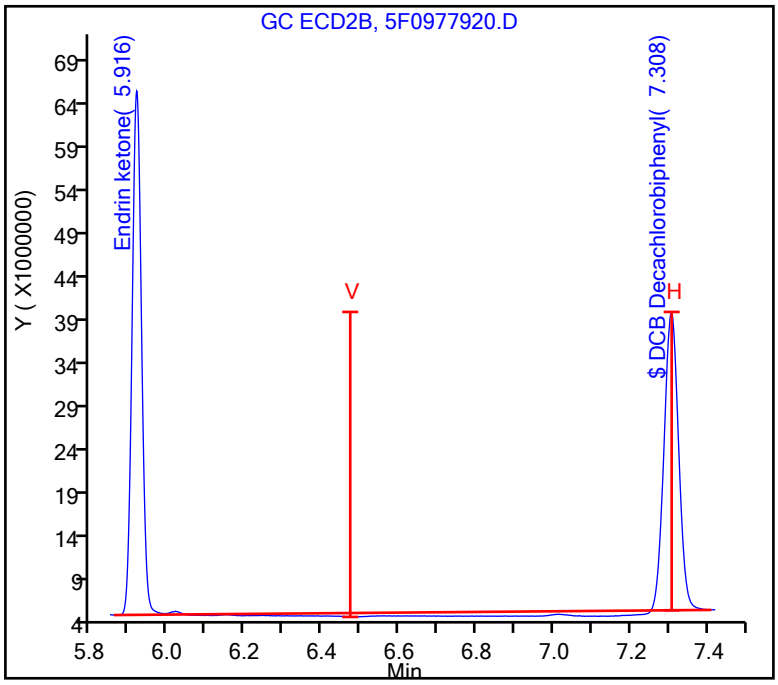
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 34881056
H(Smaller Peak Height) = 34117944

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (2): CCVIS 460-1020347/3 Instrument ID (2): CPESTGC4

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 02/09/2025 07:45

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 1.95 | 100.00 |
| Endosulfan I | 4.58 | 100.00 |
| 4,4'-DDE | 4.73 | 99.40 |
| Dieldrin | 4.90 | 100.00 |
| Endosulfan sulfate | 6.11 | 100.00 |
| Methoxychlor | 6.69 | 97.70 |
| Endrin ketone | 6.95 | 99.40 |

Resolution Report

Eurofins Edison

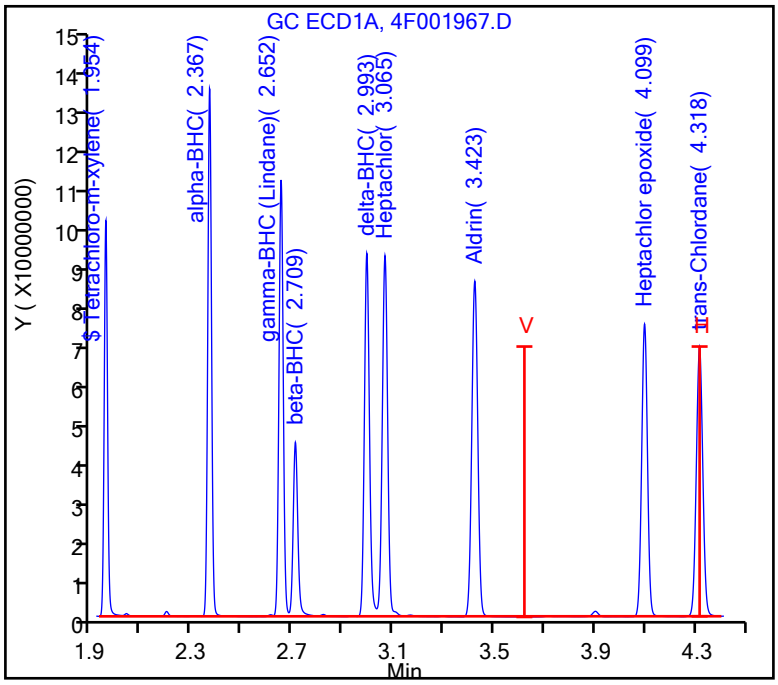
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 66899712
H(Smaller Peak Height) = 66730096

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

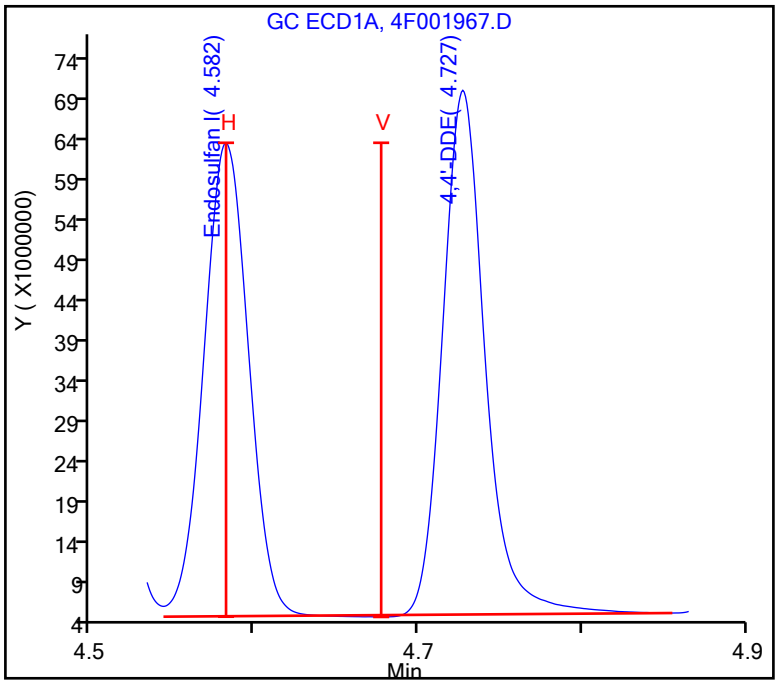
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 25 4,4'-DDE

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 58473024
H(Smaller Peak Height) = 58441964

%Resolution = 100.0, Min. Resolution > 100.0
Passed



Resolution Report

Eurofins Edison

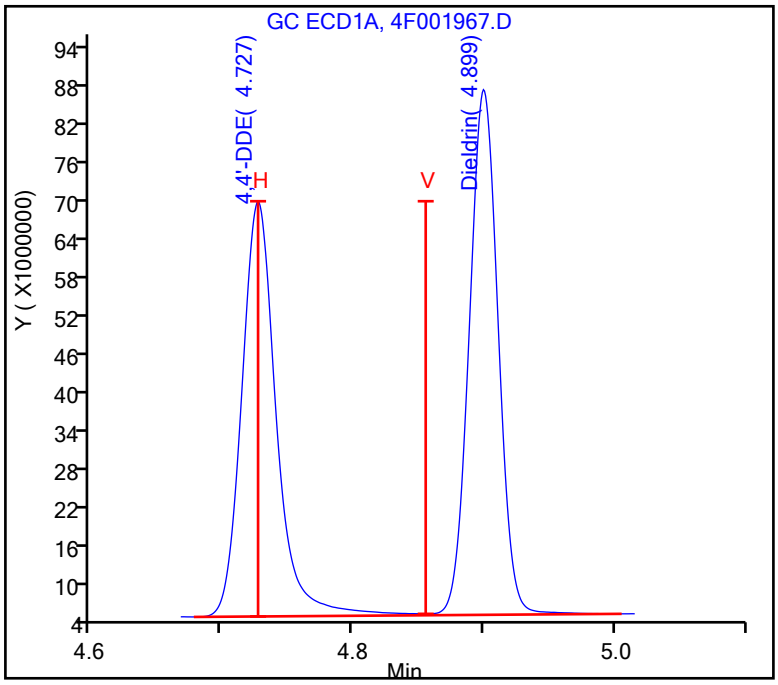
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 64463328
H(Smaller Peak Height) = 64873912

%Resolution = 99.4, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

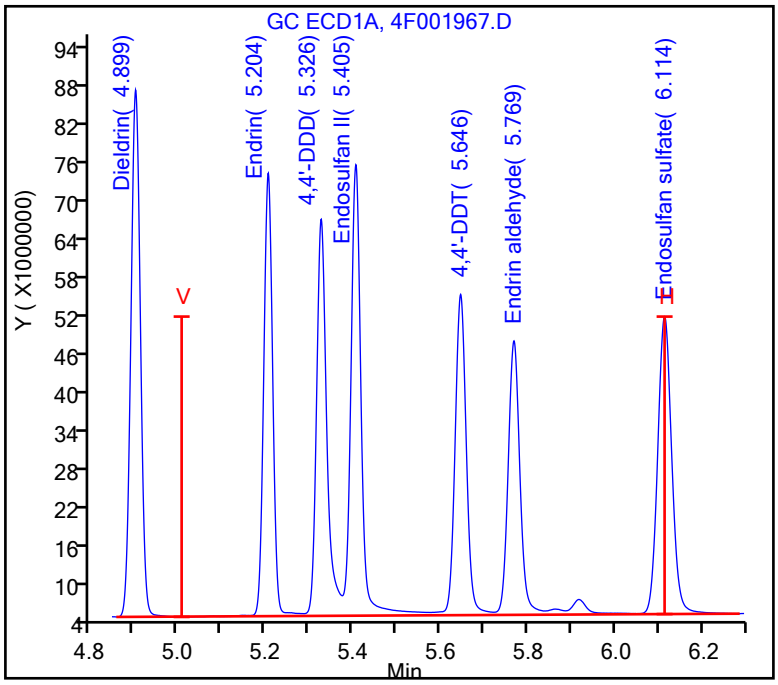
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 3 Endosulfan sulfate

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 46672832
H(Smaller Peak Height) = 46228496

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

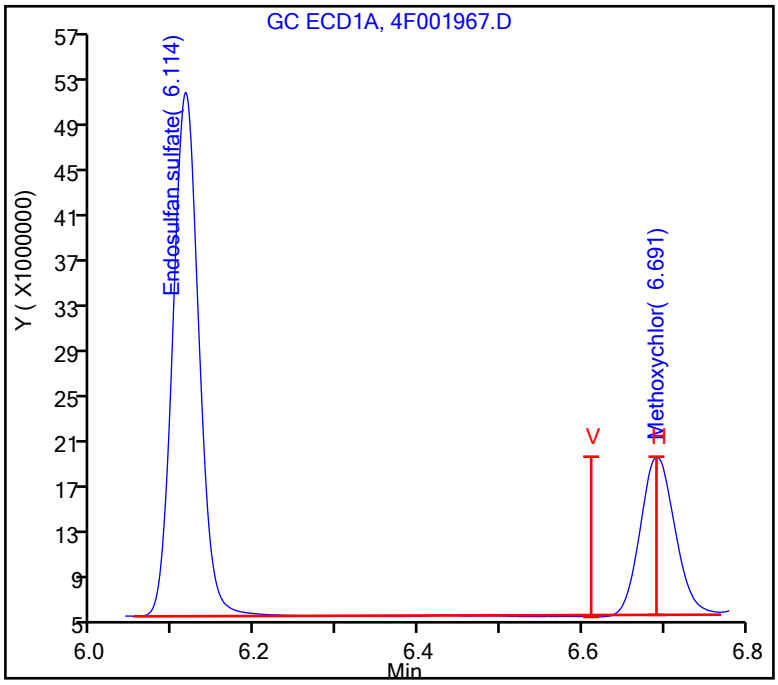
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 10 Methoxychlor

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 14122592
H(Smaller Peak Height) = 13938787

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

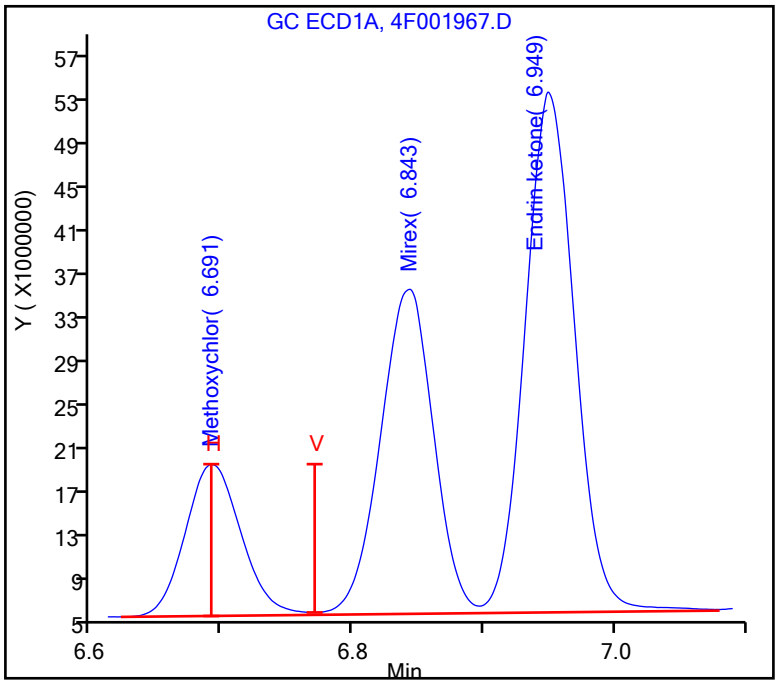
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 13706048
H(Smaller Peak Height) = 14033658

%Resolution = 97.7, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

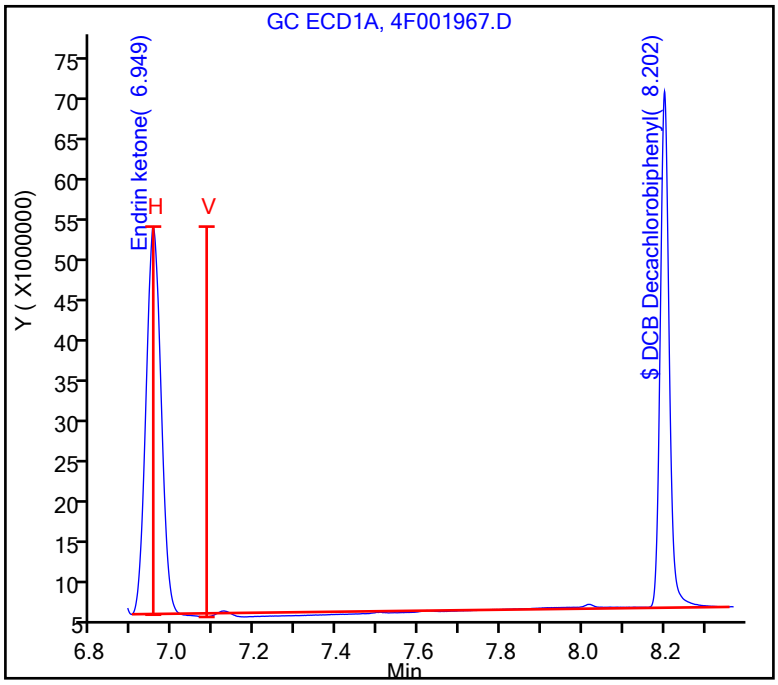
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 47799968
H(Smaller Peak Height) = 48075328

%Resolution = 99.4, Min. Resolution > 60.0
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID (1): CCVIS 460-1020347/3 Instrument ID (1): CPESTGC4

GC Column (1): Rtx-CLP ID: 0.53(mm) Date Analyzed (1): 02/09/2025 07:45

| ANALYTE | RT | RESOLUTION (%) |
|---|---|---|
| Tetrachloro-m-xylene | 1.76 | 100.00 |
| 4,4'-DDE | 3.70 | 74.10 |
| Endosulfan I | 3.75 | 100.00 |
| Dieldrin | 4.00 | 100.00 |
| Methoxychlor | 5.19 | 97.20 |
| Endosulfan sulfate | 5.35 | 99.30 |
| Endrin ketone | 5.60 | 100.00 |

Resolution Report

Eurofins Edison

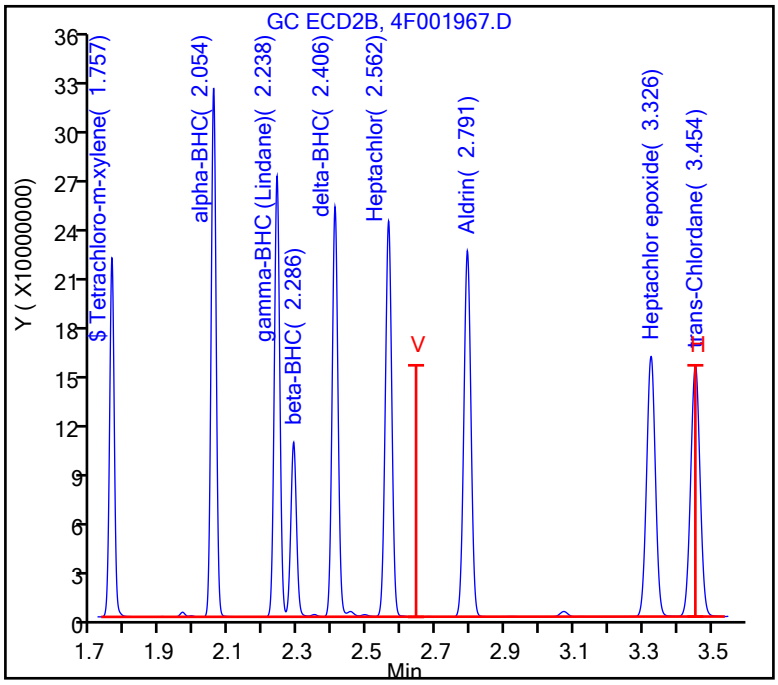
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

$ 4 Tetrachloro-m-xylene - 9 trans-Chlordane

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 151490432
H(Smaller Peak Height) = 151253488

%Resolution = 100.0, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

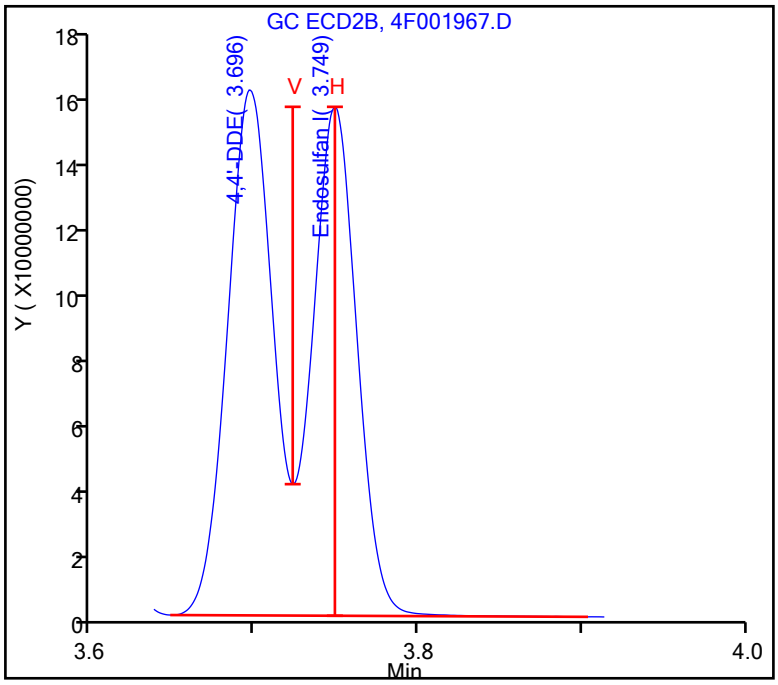
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

25 4,4'-DDE - 7 Endosulfan I

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 106581056
H(Smaller Peak Height) = 143754576

%Resolution = 74.1, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

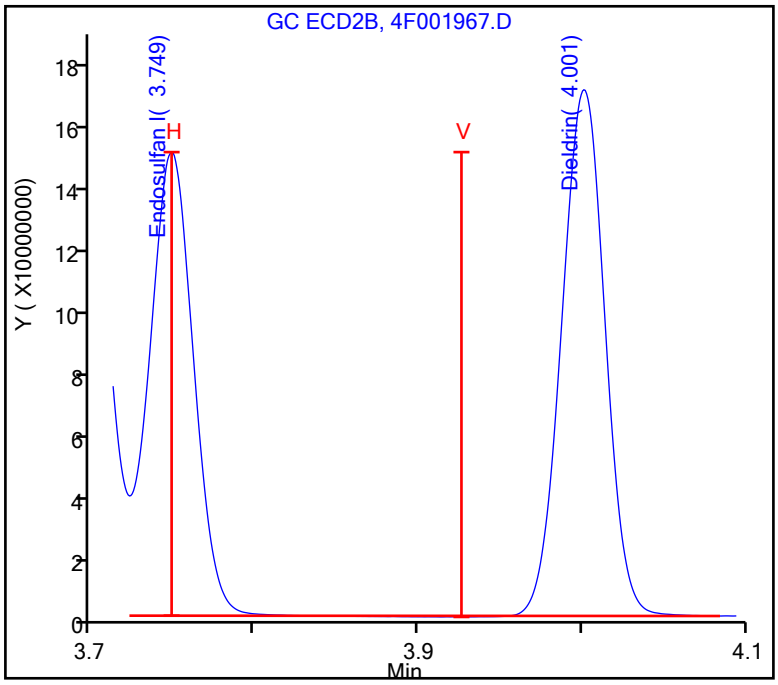
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

7 Endosulfan I - 30 Dieldrin

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 144098656
H(Smaller Peak Height) = 143710592

%Resolution = 100.0, Min. Resolution > 100.0
Passed

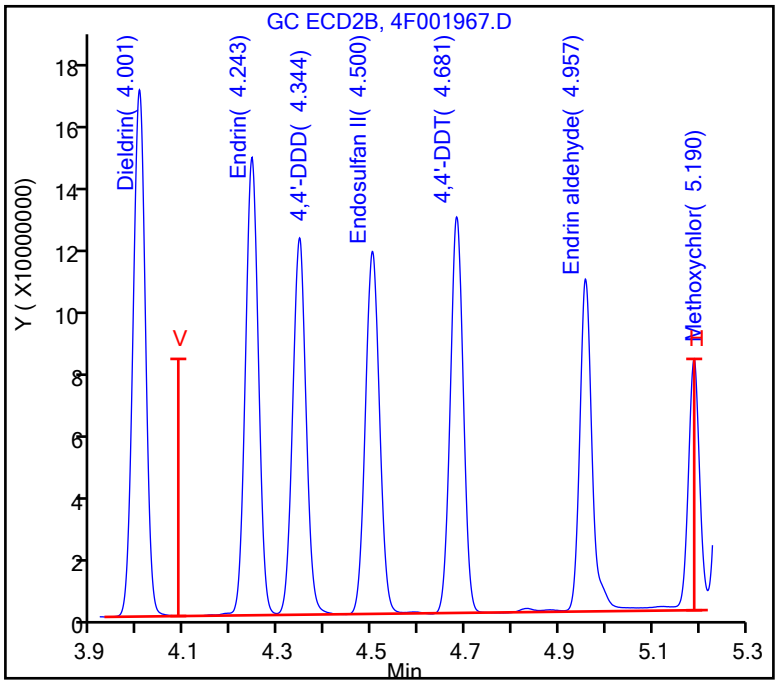


Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

30 Dieldrin - 10 Methoxychlor




CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 79700480
H(Smaller Peak Height) = 77905664

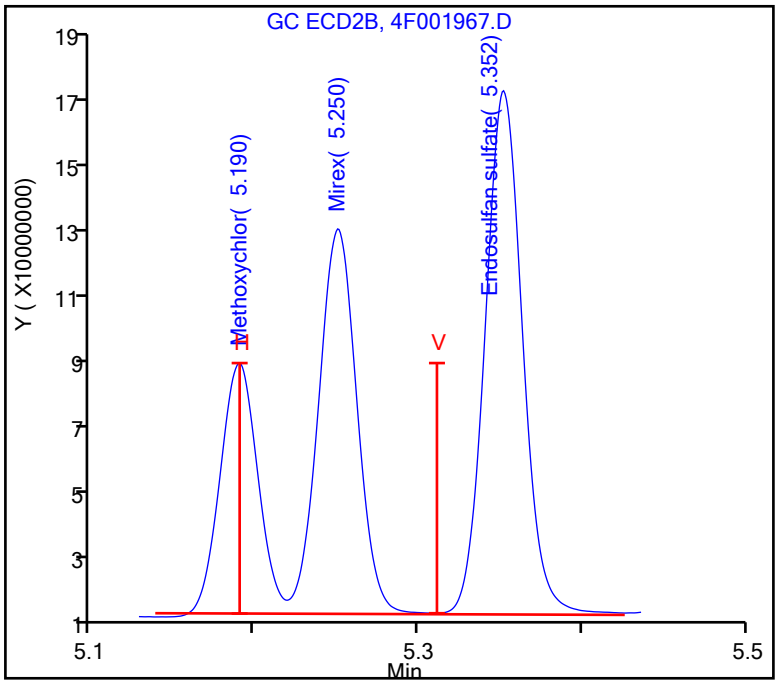
%Resolution = 100.0, Min. Resolution > 60.0
Passed

Resolution Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

10 Methoxychlor - 3 Endosulfan sulfate




CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 75751168
H(Smaller Peak Height) = 77909264

%Resolution = 97.2, Min. Resolution > 60.0
Passed

Resolution Report

Eurofins Edison

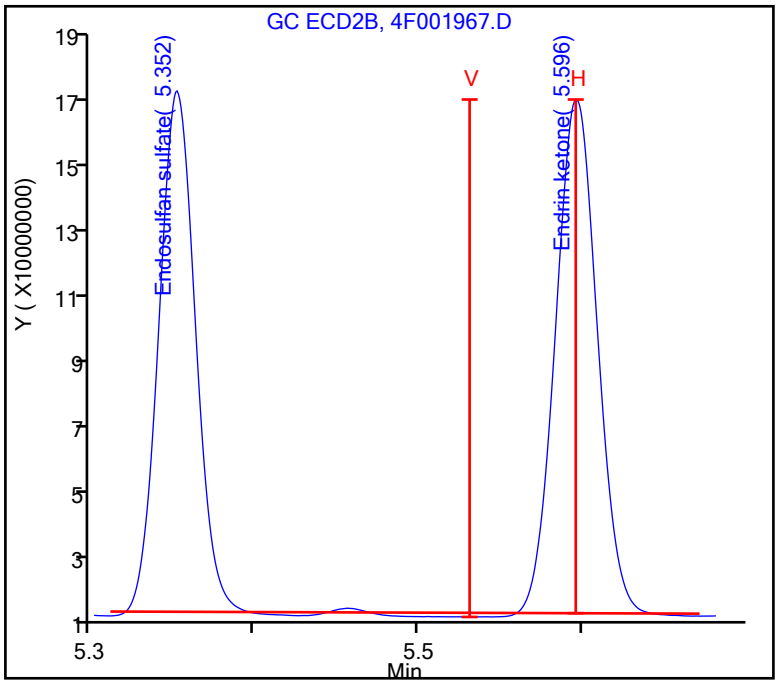
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

3 Endosulfan sulfate - 13 Endrin ketone

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 155958592
H(Smaller Peak Height) = 157083776

%Resolution = 99.3, Min. Resolution > 60.0
Passed



Resolution Report

Eurofins Edison

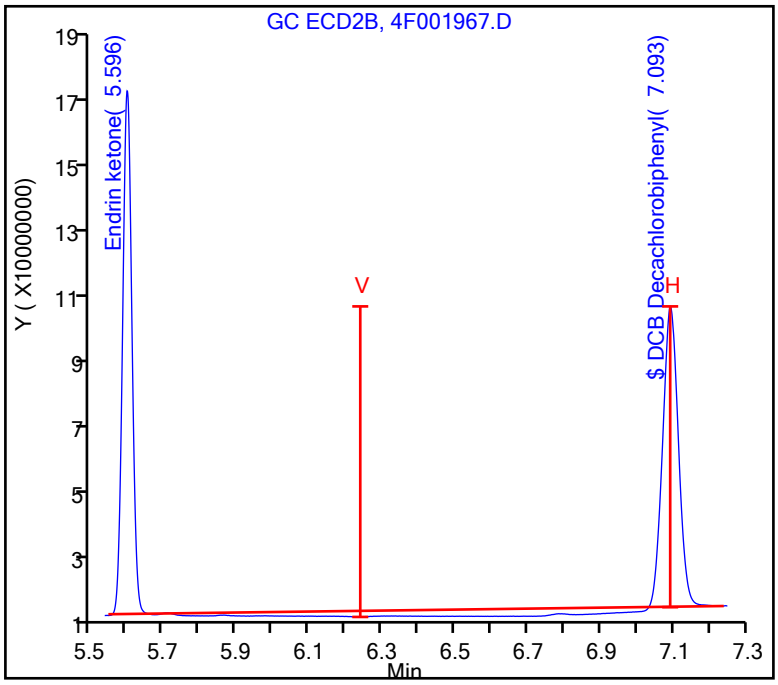
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Injection Date: 09-Feb-2025 07:45:56 Instrument ID: CPESTGC4
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

13 Endrin ketone - $ 24 DCB Decachlorobiphenyl

CLP Method

%Resolution = (V/H) * 100
V(Valley Height) = 92318976
H(Smaller Peak Height) = 89424712

%Resolution = 100.0, Min. Resolution > 60.0
Passed



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1017577/2  Calibration Date: 01/22/2025 09:38

Instrument ID: CPESTGC12  Calib Start Date: 01/20/2025 06:33

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/20/2025 07:22

Lab File ID: 12F0068051.D  Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 5.32 | 379441685 | 4.28 | 15 | |
| Endrin aldehyde | 5.92 | 5470179 | | | |
| Endrin ketone | 7.16 | 11493329 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 5.79 | 313266285 | 3.27 | 15 | |
| 4,4'-DDD | 5.44 | 3645274 | | | |
| 4,4'-DDE | 4.85 | 6943736 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068051.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 22-Jan-2025 09:38:00 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-002
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:33:03 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.515 | 1.517 | -0.002 | 164441921 | 100.0 | 100.0 | |
| 2 | 1.441 | 1.443 | -0.002 | 442100780 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.849 | 4.851 | -0.002 | 6943736 | | 3.25 | |
| 2 | 3.821 | 3.824 | -0.003 | 17352595 | | 2.61 | |
| | | | | | | RPD = 22.15 | |
| 20 Endrin | | | | | | | |
| 1 | 5.319 | 5.319 | 0.000 | 379441685 | 250.0 | 214.0 | |
| 2 | 4.425 | 4.423 | 0.002 | 1132867433 | 250.0 | 235.1 | |
| | | | | | | RPD = 9.41 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.437 | 5.437 | 0.000 | 3645274 | | 1.96 | |
| 2 | 4.523 | 4.522 | 0.001 | 7086539 | | 1.70 | |
| | | | | | | RPD = 14.23 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 313266285 | 250.0 | 211.5 | |
| 2 | 4.831 | 4.830 | 0.001 | 970154541 | 250.0 | 238.9 | |
| | | | | | | RPD = 12.16 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.918 | 5.918 | 0.000 | 5470179 | | 4.07 | |
| 2 | 5.093 | 5.092 | 0.001 | 22274723 | | 5.43 | |
| | | | | | | RPD = 28.55 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.157 | 7.158 | -0.001 | 11493329 | | 6.32 | |
| 2 | 5.769 | 5.767 | 0.002 | 28070676 | | 5.23 | |
| | | | | | | RPD = 18.88 | |

## Reagents:

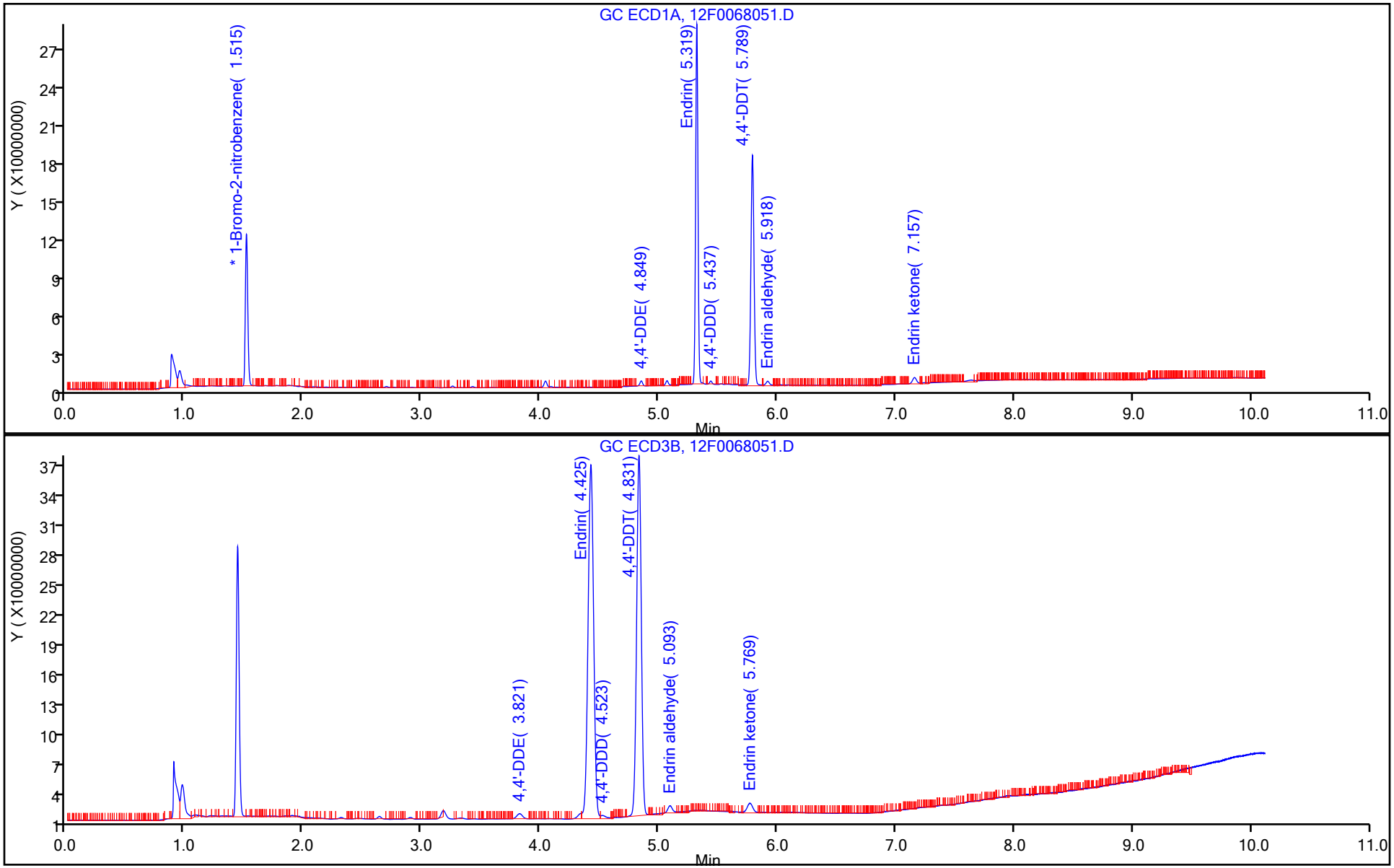
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:33:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068051.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 09:38:00 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020035/2  Calibration Date: 02/07/2025 02:30

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068416.D  Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 5.30 | 504367448 | 4.85 | 15 | |
| Endrin aldehyde | 5.89 | 8445319 | | | |
| Endrin ketone | 7.12 | 17241719 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 5.76 | 461852883 | 3.03 | 15 | |
| 4,4'-DDD | 5.42 | 6841464 | | | |
| 4,4'-DDE | 4.83 | 7587653 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068416.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 07-Feb-2025 02:30:34 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEM
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.512 | 0.000 | 237020492 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 599161968 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.829 | 4.828 | 0.001 | 7587653 | | 2.47 | |
| 2 | 3.788 | 3.789 | -0.001 | 20175625 | | 2.24 | |
| | | | | | | RPD = 9.87 | |
| 20 Endrin | | | | | | | |
| 1 | 5.299 | 5.299 | 0.000 | 504367448 | 250.0 | 197.3 | |
| 2 | 4.386 | 4.388 | -0.002 | 1440760159 | 250.0 | 220.6 | |
| | | | | | | RPD = 11.14 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.418 | 5.416 | 0.002 | 6841464 | | 2.56 | |
| 2 | 4.486 | 4.485 | 0.001 | 13798320 | | 2.44 | |
| | | | | | | RPD = 4.42 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.763 | 5.763 | 0.000 | 461852883 | 250.0 | 216.3 | |
| 2 | 4.801 | 4.800 | 0.001 | 1269985668 | 250.0 | 230.7 | |
| | | | | | | RPD = 6.44 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.892 | 5.890 | 0.002 | 8445319 | | 4.36 | |
| 2 | 5.065 | 5.061 | 0.004 | 21345281 | | 3.84 | |
| | | | | | | RPD = 12.77 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.124 | 7.122 | 0.002 | 17241719 | | 6.58 | |
| 2 | 5.730 | 5.730 | 0.000 | 33207251 | | 4.56 | |
| | | | | | | RPD = 36.13 | |

## Reagents:

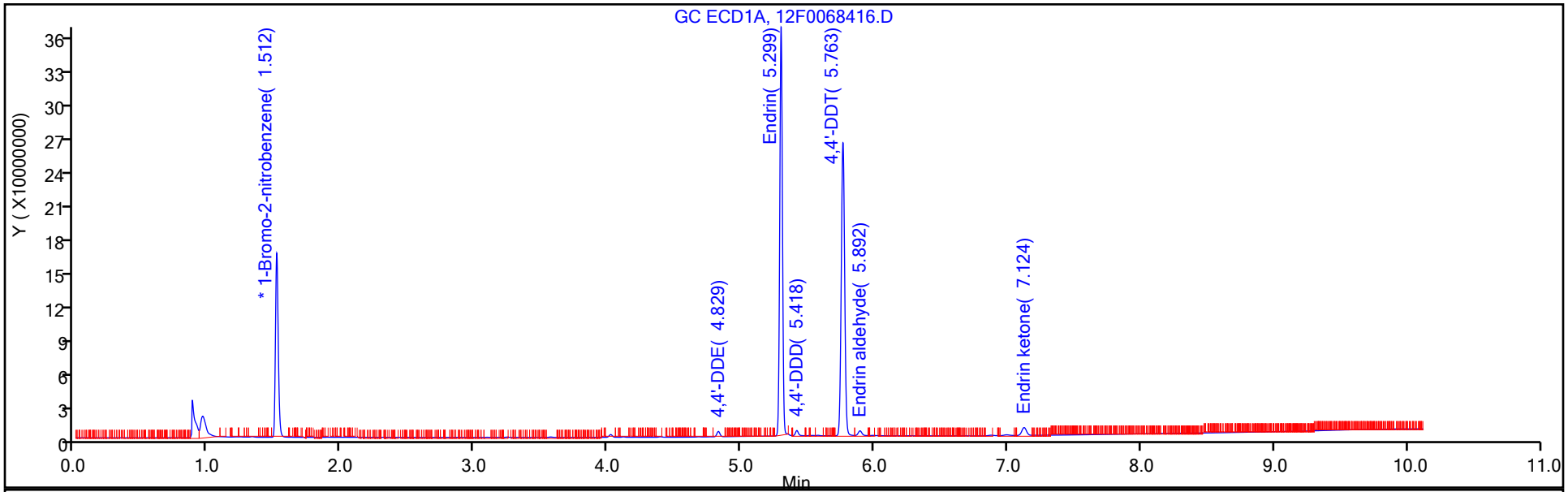
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

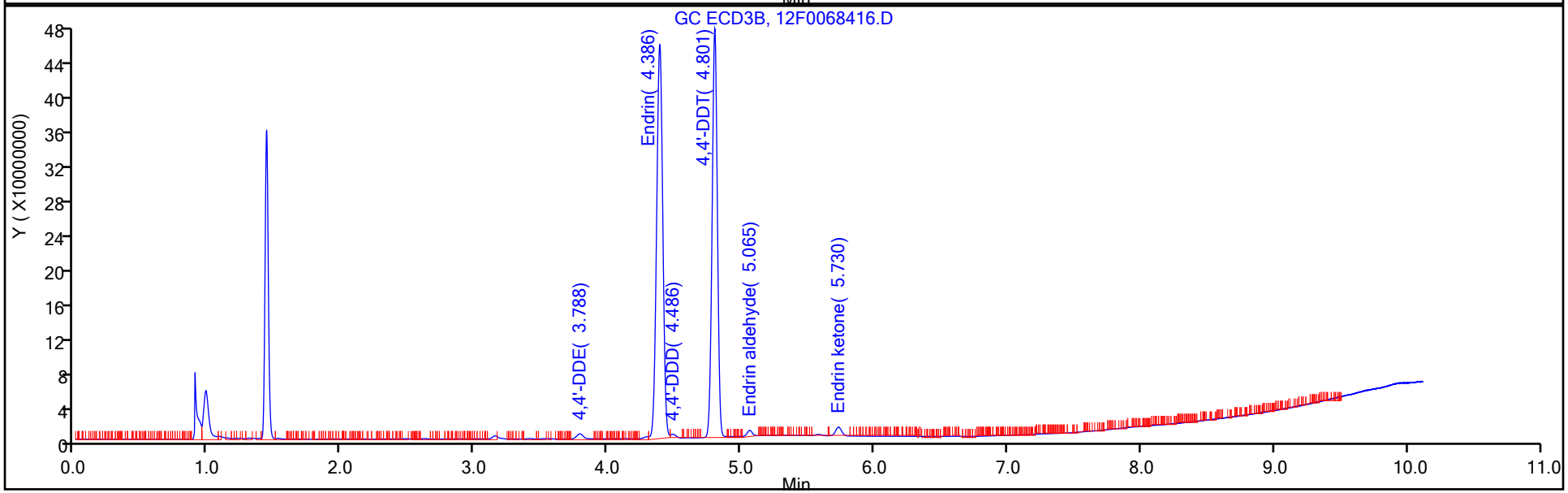
Report Date: 07-Feb-2025 07:28:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068416.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:30:34 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020035/2 Calibration Date: 02/07/2025 02:30

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068416.D Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 4.39 | 1440760159 | 3.65 | 15 | |
| Endrin aldehyde | 5.07 | 21345281 | | | |
| Endrin ketone | 5.73 | 33207251 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 4.80 | 1269985668 | 2.61 | 15 | |
| 4,4'-DDD | 4.49 | 13798320 | | | |
| 4,4'-DDE | 3.79 | 20175625 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068416.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 07-Feb-2025 02:30:34 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEM
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.512 | 0.000 | 237020492 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 599161968 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.829 | 4.828 | 0.001 | 7587653 | | 2.47 | |
| 2 | 3.788 | 3.789 | -0.001 | 20175625 | | 2.24 | |
| | | | | | | RPD = 9.87 | |
| 20 Endrin | | | | | | | |
| 1 | 5.299 | 5.299 | 0.000 | 504367448 | 250.0 | 197.3 | |
| 2 | 4.386 | 4.388 | -0.002 | 1440760159 | 250.0 | 220.6 | |
| | | | | | | RPD = 11.14 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.418 | 5.416 | 0.002 | 6841464 | | 2.56 | |
| 2 | 4.486 | 4.485 | 0.001 | 13798320 | | 2.44 | |
| | | | | | | RPD = 4.42 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.763 | 5.763 | 0.000 | 461852883 | 250.0 | 216.3 | |
| 2 | 4.801 | 4.800 | 0.001 | 1269985668 | 250.0 | 230.7 | |
| | | | | | | RPD = 6.44 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.892 | 5.890 | 0.002 | 8445319 | | 4.36 | |
| 2 | 5.065 | 5.061 | 0.004 | 21345281 | | 3.84 | |
| | | | | | | RPD = 12.77 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.124 | 7.122 | 0.002 | 17241719 | | 6.58 | |
| 2 | 5.730 | 5.730 | 0.000 | 33207251 | | 4.56 | |
| | | | | | | RPD = 36.13 | |

## Reagents:

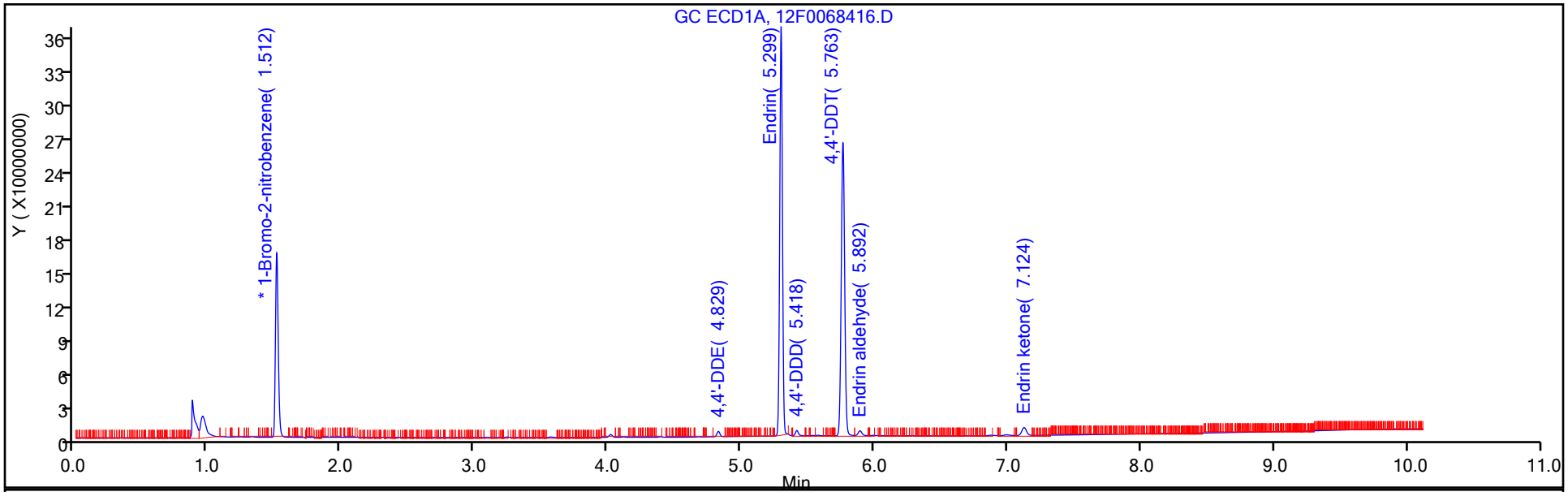
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

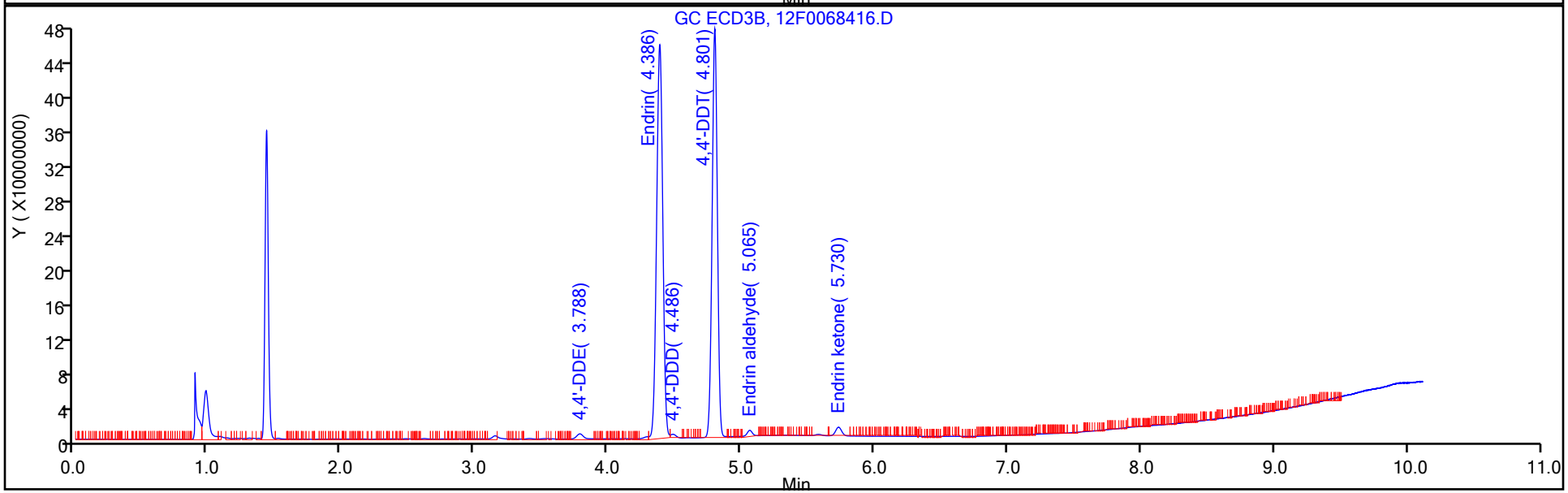
Report Date: 07-Feb-2025 07:28:28 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068416.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:30:34 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020347/2 Calibration Date: 02/09/2025 07:30

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 08:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001966.D Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 5.20 | 234328248 | 14.99 | 15 | |
| Endrin aldehyde | 5.77 | 8283664 | | | |
| Endrin ketone | 6.95 | 33021448 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 5.64 | 221121926 | 6.62 | 15 | |
| 4,4'-DDD | 5.33 | 11816787 | | | |
| 4,4'-DDE | 4.73 | 3848364 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001966.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 09-Feb-2025 07:30:08 ALS Bottle#: 27 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-002
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.452 | 1.457 | -0.005 | 92750531 | 100.0 | 100.0 | |
| 2 | 1.414 | 1.419 | -0.005 | 200027262 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.725 | 4.727 | -0.002 | 3848364 | | 3.02 | |
| 2 | 3.696 | 3.696 | 0.000 | 10343663 | | 3.45 | |
| | | | | | | RPD = 13.11 | |
| 20 Endrin | | | | | | | |
| 1 | 5.201 | 5.204 | -0.003 | 234328248 | 250.0 | 194.6 | |
| 2 | 4.237 | 4.243 | -0.006 | 667457935 | 250.0 | 241.0 | |
| | | | | | | RPD = 21.30 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.326 | 5.326 | 0.000 | 11816787 | | 10.5 | |
| 2 | 4.341 | 4.344 | -0.003 | 8064168 | | 3.22 | |
| | | | | | | RPD = 106.03 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.643 | 5.646 | -0.003 | 221121926 | 250.0 | 193.3 | |
| 2 | 4.676 | 4.681 | -0.005 | 600675872 | 250.0 | 237.4 | |
| | | | | | | RPD = 20.48 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.767 | 5.769 | -0.002 | 8283664 | | 9.46 | |
| 2 | 4.953 | 4.957 | -0.004 | 7830567 | | 3.84 | |
| | | | | | | RPD = 84.62 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.948 | 6.949 | -0.001 | 33021448 | | 24.2 | |
| 2 | 5.592 | 5.596 | -0.004 | 18885111 | | 6.19 | |
| | | | | | | RPD = 118.64 | |

## Reagents:

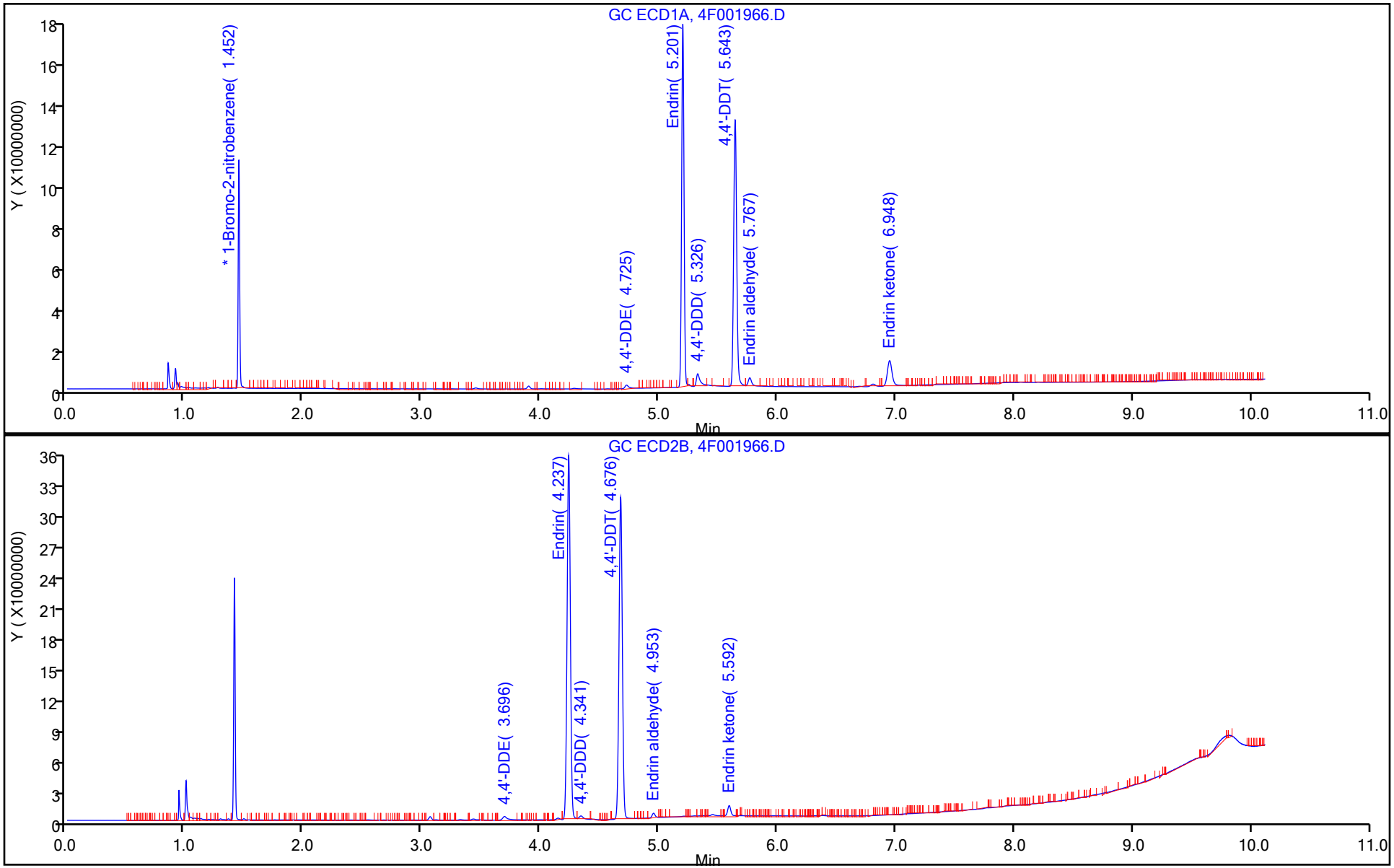
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 10-Feb-2025 14:26:13 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001966.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:30:08 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020347/2 Calibration Date: 02/09/2025 07:30

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 08:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001966.D Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 4.24 | 667457935 | 3.85 | 15 | |
| Endrin aldehyde | 4.95 | 7830567 | | | |
| Endrin ketone | 5.59 | 18885111 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 4.68 | 600675872 | 2.97 | 15 | |
| 4,4'-DDD | 4.34 | 8064168 | | | |
| 4,4'-DDE | 3.70 | 10343663 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001966.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 09-Feb-2025 07:30:08 ALS Bottle#: 27 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-002
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.452 | 1.457 | -0.005 | 92750531 | 100.0 | 100.0 | |
| 2 | 1.414 | 1.419 | -0.005 | 200027262 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.725 | 4.727 | -0.002 | 3848364 | | 3.02 | |
| 2 | 3.696 | 3.696 | 0.000 | 10343663 | | 3.45 | |
| | | | | | | RPD = 13.11 | |
| 20 Endrin | | | | | | | |
| 1 | 5.201 | 5.204 | -0.003 | 234328248 | 250.0 | 194.6 | |
| 2 | 4.237 | 4.243 | -0.006 | 667457935 | 250.0 | 241.0 | |
| | | | | | | RPD = 21.30 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.326 | 5.326 | 0.000 | 11816787 | | 10.5 | |
| 2 | 4.341 | 4.344 | -0.003 | 8064168 | | 3.22 | |
| | | | | | | RPD = 106.03 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.643 | 5.646 | -0.003 | 221121926 | 250.0 | 193.3 | |
| 2 | 4.676 | 4.681 | -0.005 | 600675872 | 250.0 | 237.4 | |
| | | | | | | RPD = 20.48 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.767 | 5.769 | -0.002 | 8283664 | | 9.46 | |
| 2 | 4.953 | 4.957 | -0.004 | 7830567 | | 3.84 | |
| | | | | | | RPD = 84.62 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.948 | 6.949 | -0.001 | 33021448 | | 24.2 | |
| 2 | 5.592 | 5.596 | -0.004 | 18885111 | | 6.19 | |
| | | | | | | RPD = 118.64 | |

## Reagents:

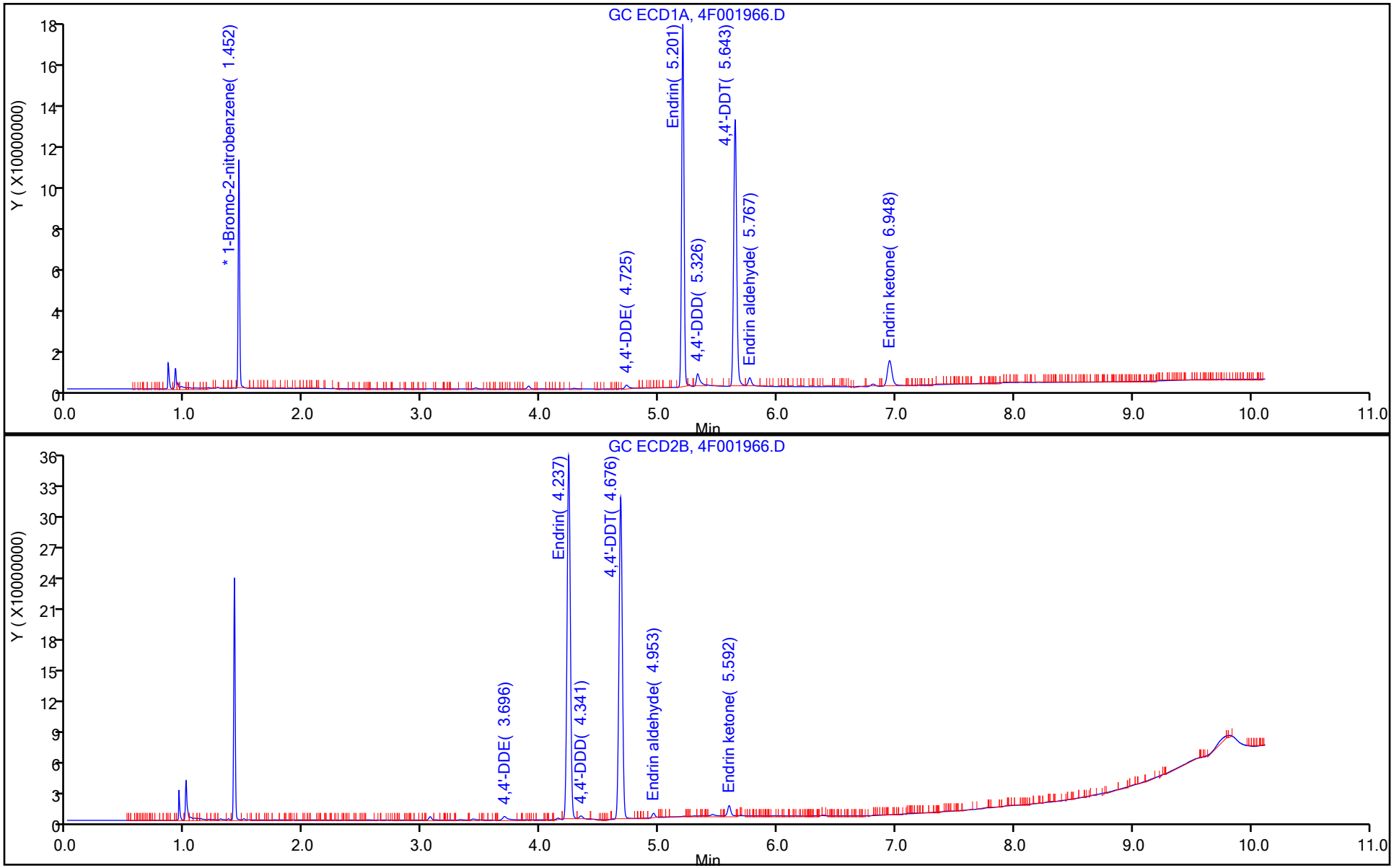
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 10-Feb-2025 14:26:13 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001966.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:30:08 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020038/2  Calibration Date: 02/07/2025 02:31

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977919.D  Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 5.27 | 90421958 | 8.81 | 15 | |
| Endrin aldehyde | 5.76 | 2328768 | | | |
| Endrin ketone | 6.67 | 6412396 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 5.66 | 79348625 | 5.94 | 15 | |
| 4,4'-DDD | 5.38 | 3802411 | | | |
| 4,4'-DDE | 4.82 | 1212555 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977919.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 07-Feb-2025 02:31:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEM
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 34754256 | 100.0 | 100.0 | |
| 2 | 1.611 | 1.611 | 0.000 | 64210449 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.824 | 4.821 | 0.003 | 1212555 | | 2.54 | |
| 2 | 4.158 | 4.156 | 0.002 | 2265717 | | 2.36 | |
| | | | | | | RPD = 7.38 | |
| 20 Endrin | | | | | | | |
| 1 | 5.267 | 5.265 | 0.002 | 90421958 | 250.0 | 190.0 | |
| 2 | 4.757 | 4.756 | 0.001 | 200995127 | 250.0 | 211.9 | |
| | | | | | | RPD = 10.91 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.383 | 5.378 | 0.005 | 3802411 | | 8.13 | |
| 2 | 4.839 | 4.833 | 0.006 | 4750176 | | 5.88 | |
| | | | | | | RPD = 32.07 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.659 | 5.657 | 0.002 | 79348625 | 250.0 | 209.8 | |
| 2 | 5.096 | 5.095 | 0.001 | 181517860 | 250.0 | 222.4 | |
| | | | | | | RPD = 5.81 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.757 | 5.751 | 0.006 | 2328768 | | 6.01 | |
| 2 | 5.333 | 5.331 | 0.002 | 1443292 | | 2.10 | |
| | | | | | | RPD = 96.46 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.669 | 6.666 | 0.003 | 6412396 | | 11.3 | |
| 2 | 5.918 | 5.916 | 0.002 | 7377824 | | 7.52 | |
| | | | | | | RPD = 40.44 | |

## Reagents:

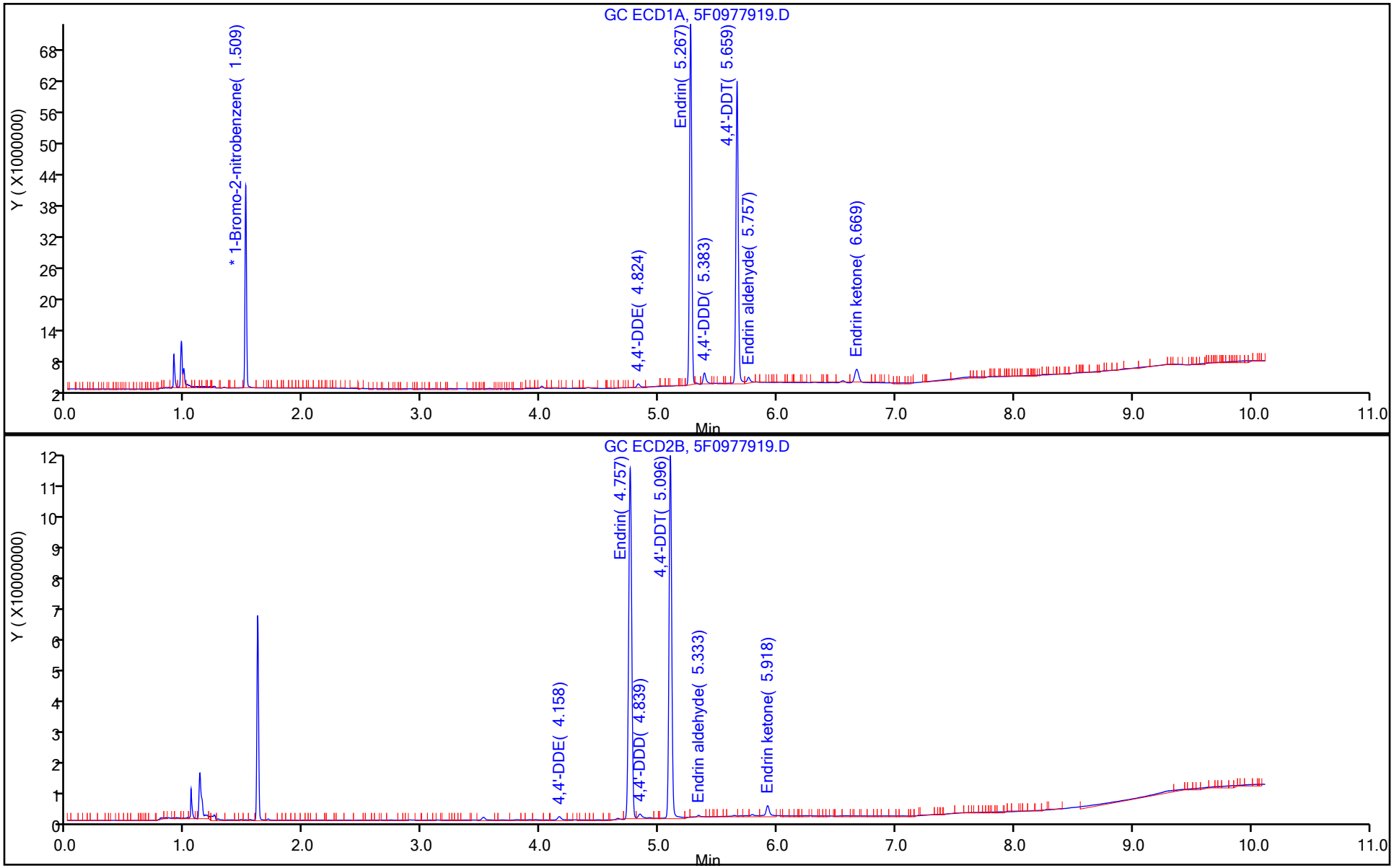
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977919.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:31:30 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: PEM 460-1020038/2  Calibration Date: 02/07/2025 02:31

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977919.D  Conc. Units: ug/L

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| Endrin | 4.76 | 200995127 | 4.20 | 15 | |
| Endrin aldehyde | 5.33 | 1443292 | | | |
| Endrin ketone | 5.92 | 7377824 | | | |

| ANALYTE | RT | RESPONSE | BREAKDOWN (%) | LIMIT | # |
|---|---|---|---|---|---|
| 4,4'-DDT | 5.10 | 181517860 | 3.72 | 15 | |
| 4,4'-DDD | 4.84 | 4750176 | | | |
| 4,4'-DDE | 4.16 | 2265717 | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977919.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 07-Feb-2025 02:31:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEM
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 34754256 | 100.0 | 100.0 | |
| 2 | 1.611 | 1.611 | 0.000 | 64210449 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.824 | 4.821 | 0.003 | 1212555 | | 2.54 | |
| 2 | 4.158 | 4.156 | 0.002 | 2265717 | | 2.36 | |
| | | | | | | RPD = 7.38 | |
| 20 Endrin | | | | | | | |
| 1 | 5.267 | 5.265 | 0.002 | 90421958 | 250.0 | 190.0 | |
| 2 | 4.757 | 4.756 | 0.001 | 200995127 | 250.0 | 211.9 | |
| | | | | | | RPD = 10.91 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.383 | 5.378 | 0.005 | 3802411 | | 8.13 | |
| 2 | 4.839 | 4.833 | 0.006 | 4750176 | | 5.88 | |
| | | | | | | RPD = 32.07 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.659 | 5.657 | 0.002 | 79348625 | 250.0 | 209.8 | |
| 2 | 5.096 | 5.095 | 0.001 | 181517860 | 250.0 | 222.4 | |
| | | | | | | RPD = 5.81 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.757 | 5.751 | 0.006 | 2328768 | | 6.01 | |
| 2 | 5.333 | 5.331 | 0.002 | 1443292 | | 2.10 | |
| | | | | | | RPD = 96.46 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.669 | 6.666 | 0.003 | 6412396 | | 11.3 | |
| 2 | 5.918 | 5.916 | 0.002 | 7377824 | | 7.52 | |
| | | | | | | RPD = 40.44 | |

## Reagents:

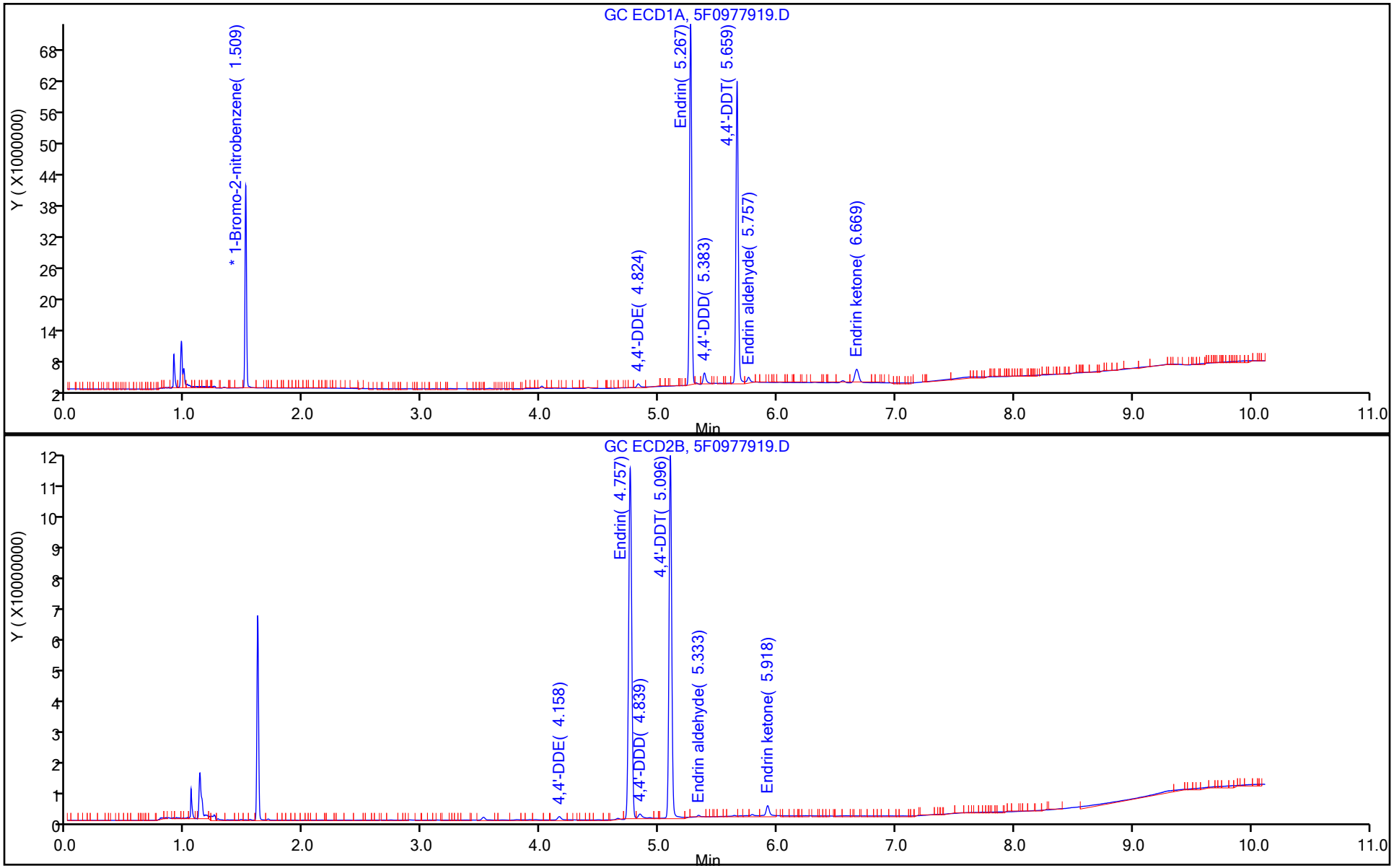
| | | | | |
|---|---|---|---|---|
| SGDDT/Ei_00046 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977919.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:31:30 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | PEM | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017577/9 Calibration Date: 01/22/2025 11:04

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 09:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068058.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.692 | 1.717 | | 101 | 100 | 1.5 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.461 | 1.478 | | 101 | 100 | 1.2 | 20.0 |
| beta-BHC | Ave | 0.6344 | 0.6342 | | 100 | 100 | -0.0 | 20.0 |
| delta-BHC | Ave | 1.417 | 1.445 | | 102 | 100 | 2.0 | 20.0 |
| Heptachlor | Ave | 1.236 | 1.272 | | 103 | 100 | 2.9 | 20.0 |
| Aldrin | Ave | 1.486 | 1.484 | | 99.9 | 100 | -0.0 | 20.0 |
| Heptachlor epoxide | Ave | 1.190 | 1.227 | | 103 | 100 | 3.1 | 20.0 |
| trans-Chlordane | Ave | 1.179 | 1.218 | | 103 | 100 | 3.3 | 20.0 |
| cis-Chlordane | Ave | 1.179 | 1.216 | | 103 | 100 | 3.2 | 20.0 |
| Endosulfan I | Ave | 1.096 | 1.126 | | 103 | 100 | 2.7 | 20.0 |
| 4,4'-DDE | Ave | 1.297 | 1.324 | | 102 | 100 | 2.1 | 20.0 |
| Dieldrin | Ave | 1.282 | 1.283 | | 100 | 100 | 0.0 | 20.0 |
| Endrin | Ave | 1.078 | 1.065 | | 98.7 | 100 | -1.3 | 20.0 |
| 4,4'-DDD | Ave | 1.130 | 1.123 | | 99.4 | 100 | -0.6 | 20.0 |
| Endosulfan II | Ave | 1.005 | 1.075 | | 107 | 100 | 7.0 | 20.0 |
| 4,4'-DDT | Ave | 0.9007 | 0.9217 | | 102 | 100 | 2.3 | 20.0 |
| Endrin aldehyde | Ave | 0.8163 | 0.8464 | | 104 | 100 | 3.7 | 20.0 |
| Endosulfan sulfate | Ave | 1.013 | 1.028 | | 101 | 100 | 1.5 | 20.0 |
| Methoxychlor | Ave | 0.4858 | 0.5418 | | 112 | 100 | 11.5 | 20.0 |
| Mirex | Ave | 0.8147 | 0.8770 | | 108 | 100 | 7.7 | 20.0 |
| Endrin ketone | Ave | 1.106 | 1.186 | | 107 | 100 | 7.2 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.269 | 1.261 | | 99.4 | 100 | -0.6 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.9947 | 0.9864 | | 99.2 | 100 | -0.8 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017577/9  Calibration Date: 01/22/2025 11:04

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068058.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.46 | 2.45 | 2.47 |
| gamma-BHC (Lindane) | 2.76 | 2.75 | 2.77 |
| beta-BHC | 2.81 | 2.80 | 2.82 |
| delta-BHC | 3.11 | 3.10 | 3.12 |
| Heptachlor | 3.20 | 3.19 | 3.21 |
| Aldrin | 3.57 | 3.56 | 3.58 |
| Heptachlor epoxide | 4.23 | 4.22 | 4.24 |
| trans-Chlordane | 4.46 | 4.45 | 4.47 |
| cis-Chlordane | 4.65 | 4.64 | 4.66 |
| Endosulfan I | 4.72 | 4.71 | 4.73 |
| 4,4'-DDE | 4.85 | 4.84 | 4.86 |
| Dieldrin | 5.02 | 5.01 | 5.03 |
| Endrin | 5.32 | 5.31 | 5.33 |
| 4,4'-DDD | 5.44 | 5.43 | 5.45 |
| Endosulfan II | 5.53 | 5.52 | 5.54 |
| 4,4'-DDT | 5.79 | 5.78 | 5.80 |
| Endrin aldehyde | 5.92 | 5.91 | 5.93 |
| Endosulfan sulfate | 6.29 | 6.28 | 6.30 |
| Methoxychlor | 6.91 | 6.90 | 6.92 |
| Mirex | 7.07 | 7.06 | 7.08 |
| Endrin ketone | 7.16 | 7.15 | 7.17 |
| Tetrachloro-m-xylene | 2.04 | 2.03 | 2.05 |
| DCB Decachlorobiphenyl | 8.34 | 8.32 | 8.34 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 22-Jan-2025 11:04:05 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:33:03 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:50:13

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 136454285 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 384431970 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 172001710 | 100.0 | 99.4 | |
| 2 | 1.818 | 1.819 | -0.001 | 495219410 | 100.0 | 97.4 | |
| | | | | | | RPD = 1.99 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 234224838 | 100.0 | 101.5 | |
| 2 | 2.137 | 2.137 | 0.000 | 694194795 | 100.0 | 96.8 | |
| | | | | | | RPD = 4.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 201653532 | 100.0 | 101.2 | M |
| 2 | 2.332 | 2.332 | 0.000 | 716218340 | 100.0 | 96.7 | |
| | | | | | | RPD = 4.52 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 86545196 | 100.0 | 100.0 | M |
| 2 | 2.380 | 2.381 | -0.001 | 230322292 | 100.0 | 98.2 | |
| | | | | | | RPD = 1.77 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.109 | 3.109 | 0.000 | 197136443 | 100.0 | 102.0 | |
| 2 | 2.503 | 2.502 | 0.001 | 567718935 | 100.0 | 97.8 | |
| | | | | | | RPD = 4.19 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.197 | 3.197 | 0.000 | 173610688 | 100.0 | 102.9 | |
| 2 | 2.657 | 2.657 | 0.000 | 502847646 | 100.0 | 100.2 | |
| | | | | | | RPD = 2.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 202556013 | 100.0 | 99.9 | |
| 2 | 2.889 | 2.889 | 0.000 | 584155314 | 100.0 | 96.0 | |
| | | | | | | RPD = 3.98 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.232 | 4.231 | 0.001 | 167436802 | 100.0 | 103.1 | |
| 2 | 3.441 | 3.440 | 0.001 | 486982738 | 100.0 | 98.2 | |
| | | | | | | RPD = 4.91 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 166180814 | 100.0 | 103.3 | |
| 2 | 3.576 | 3.575 | 0.001 | 481896713 | 100.0 | 98.5 | |
| | | | | | | RPD = 4.75 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 165995494 | 100.0 | 103.2 | M |
| 2 | 3.724 | 3.726 | -0.002 | 470012438 | 100.0 | 96.9 | |
| | | | | | | RPD = 6.29 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.722 | 4.723 | -0.001 | 153609483 | 100.0 | 102.7 | M |
| 2 | 3.883 | 3.883 | 0.000 | 436165003 | 100.0 | 97.3 | |
| | | | | | | RPD = 5.38 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.851 | 4.851 | 0.000 | 180663790 | 100.0 | 102.1 | M |
| 2 | 3.825 | 3.824 | 0.001 | 563028417 | 100.0 | 97.2 | |
| | | | | | | RPD = 4.84 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 175085872 | 100.0 | 100.1 | |
| 2 | 4.160 | 4.160 | 0.000 | 495445123 | 100.0 | 94.9 | |
| | | | | | | RPD = 5.29 | |
| 20 Endrin | | | | | | | |
| 1 | 5.319 | 5.319 | 0.000 | 145262397 | 100.0 | 98.7 | |
| 2 | 4.425 | 4.423 | 0.002 | 397883966 | 100.0 | 95.0 | |
| | | | | | | RPD = 3.88 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.438 | 5.437 | 0.001 | 153229943 | 100.0 | 99.4 | |
| 2 | 4.522 | 4.522 | 0.000 | 359275544 | 100.0 | 99.2 | |
| | | | | | | RPD = 0.20 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.526 | 5.526 | 0.000 | 146741143 | 100.0 | 107.0 | |
| 2 | 4.681 | 4.680 | 0.001 | 391400570 | 100.0 | 104.5 | |
| | | | | | | RPD = 2.41 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 125775614 | 100.0 | 102.3 | |
| 2 | 4.831 | 4.830 | 0.001 | 339744760 | 100.0 | 96.2 | |
| | | | | | | RPD = 6.18 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.917 | 5.918 | -0.001 | 115496136 | 100.0 | 103.7 | |
| 2 | 5.092 | 5.092 | 0.000 | 348565987 | 100.0 | 97.8 | |
| | | | | | | RPD = 5.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.293 | 6.294 | -0.001 | 140284392 | 100.0 | 101.5 | |
| 2 | 5.489 | 5.489 | 0.000 | 430198892 | 100.0 | 96.8 | |
| | | | | | | RPD = 4.70 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.905 | 6.906 | -0.001 | 73937740 | 100.0 | 111.5 | |
| 2 | 5.307 | 5.306 | 0.001 | 198973679 | 100.0 | 95.8 | |
| | | | | | | RPD = 15.22 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 119675680 | 100.0 | 107.7 | |
| 2 | 5.376 | 5.376 | 0.000 | 333575269 | 100.0 | 98.1 | |
| | | | | | | RPD = 9.26 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 161793072 | 100.0 | 107.2 | |
| 2 | 5.768 | 5.767 | 0.001 | 462764093 | 100.0 | 99.1 | |
| | | | | | | RPD = 7.82 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.337 | 8.333 | 0.004 | 134600507 | 100.0 | 99.2 | |
| 2 | 7.367 | 7.364 | 0.003 | 532901636 | 100.0 | 94.3 | |
| | | | | | | RPD = 5.09 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

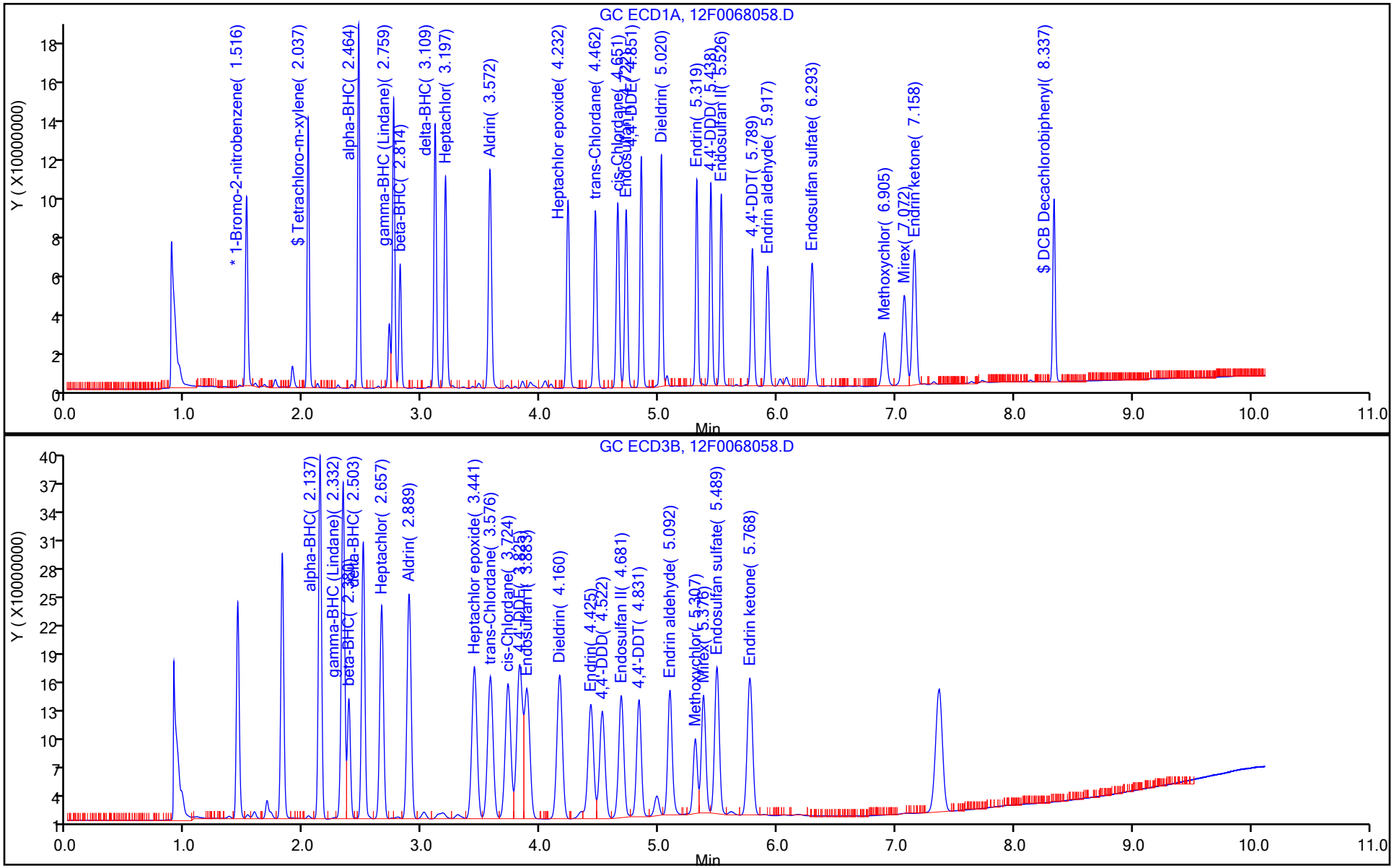
| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:33:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 11:04:05 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | ICV PEST | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

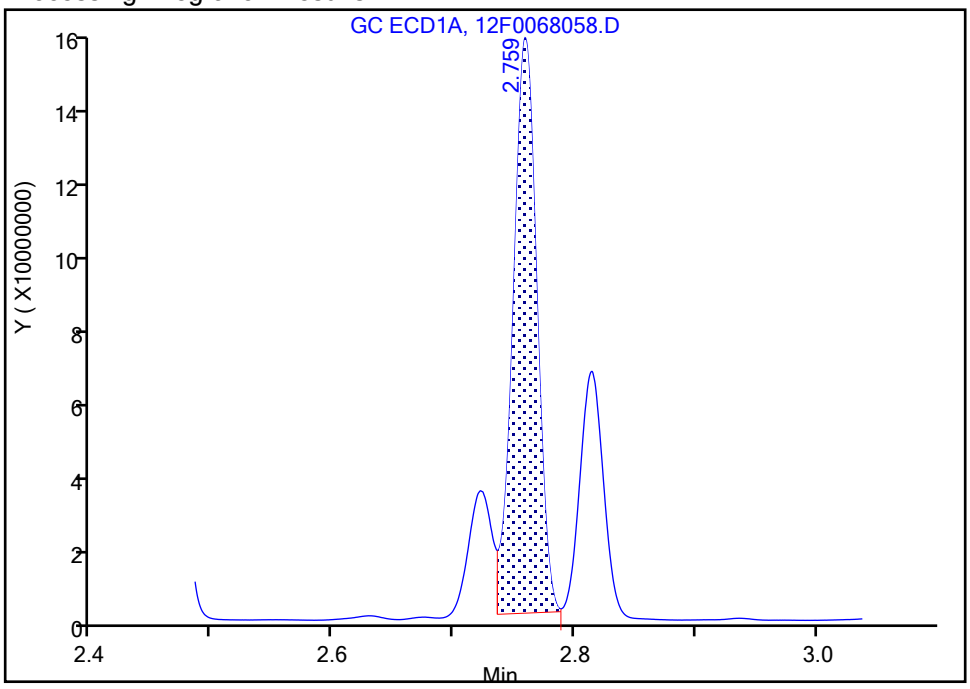
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Injection Date: 22-Jan-2025 11:04:05 Instrument ID: CPESTGC12
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

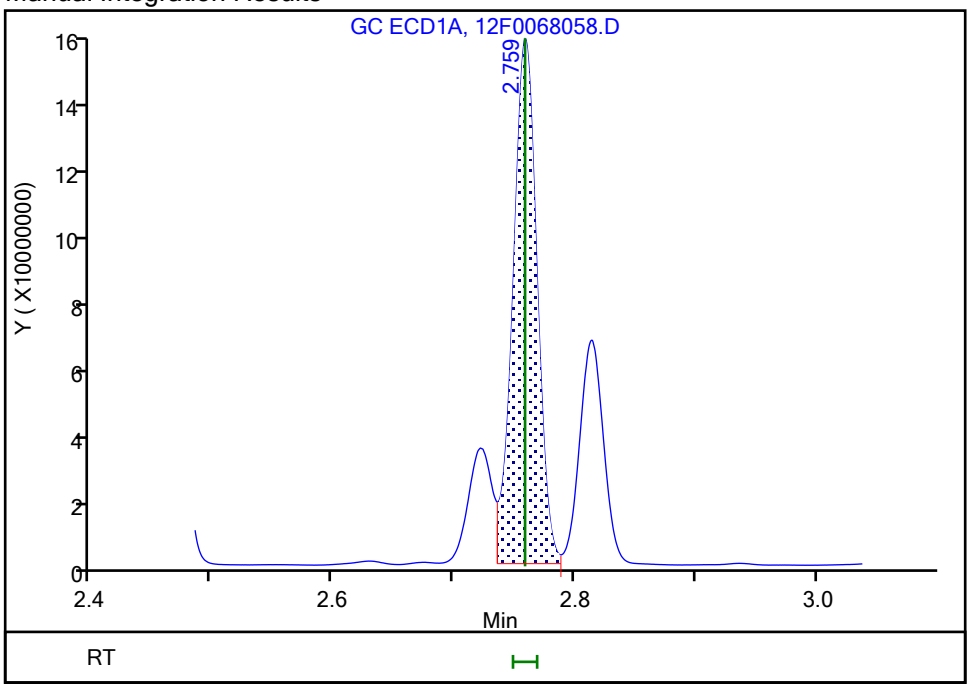
Processing Integration Results

RT: 2.76
Area: 196123040
Amount: 98.390150
Amount Units: ug/l




Manual Integration Results

RT: 2.76
Area: 201653532
Amount: 101.1647
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:50:06 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

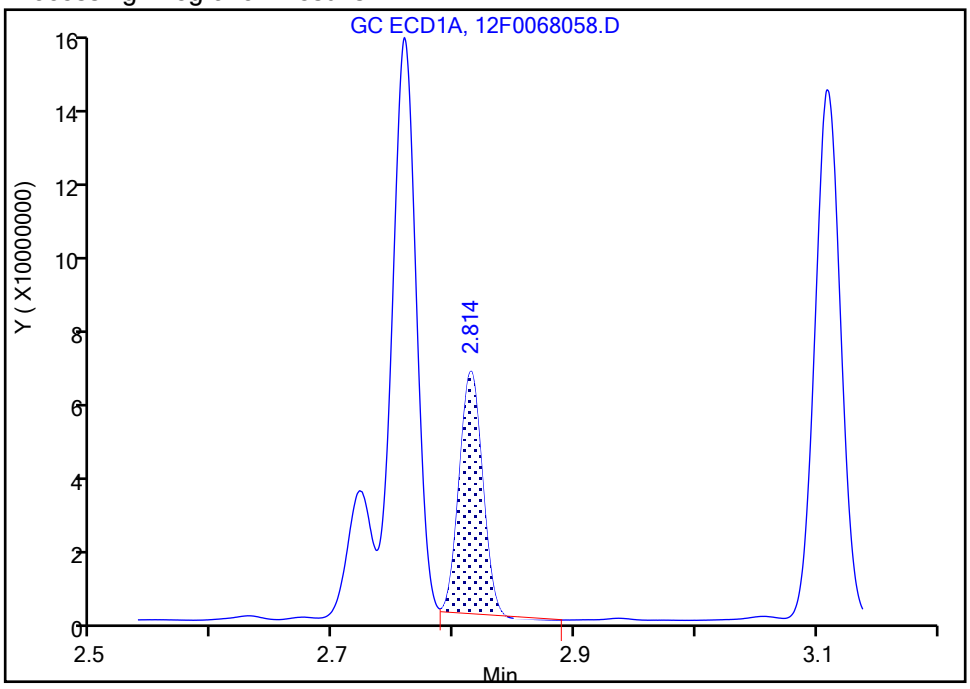
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Injection Date: 22-Jan-2025 11:04:05 Instrument ID: CPESTGC12
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

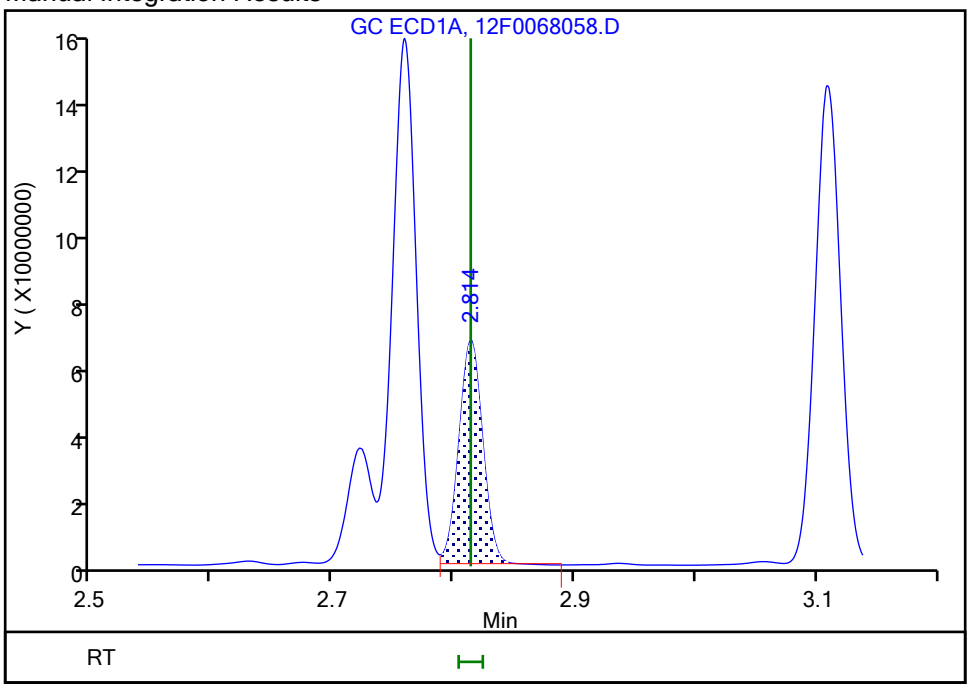
Processing Integration Results

RT: 2.81
Area: 82176168
Amount: 94.933556
Amount Units: ug/l




Manual Integration Results

RT: 2.81
Area: 86545196
Amount: 99.980851
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:50:06 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

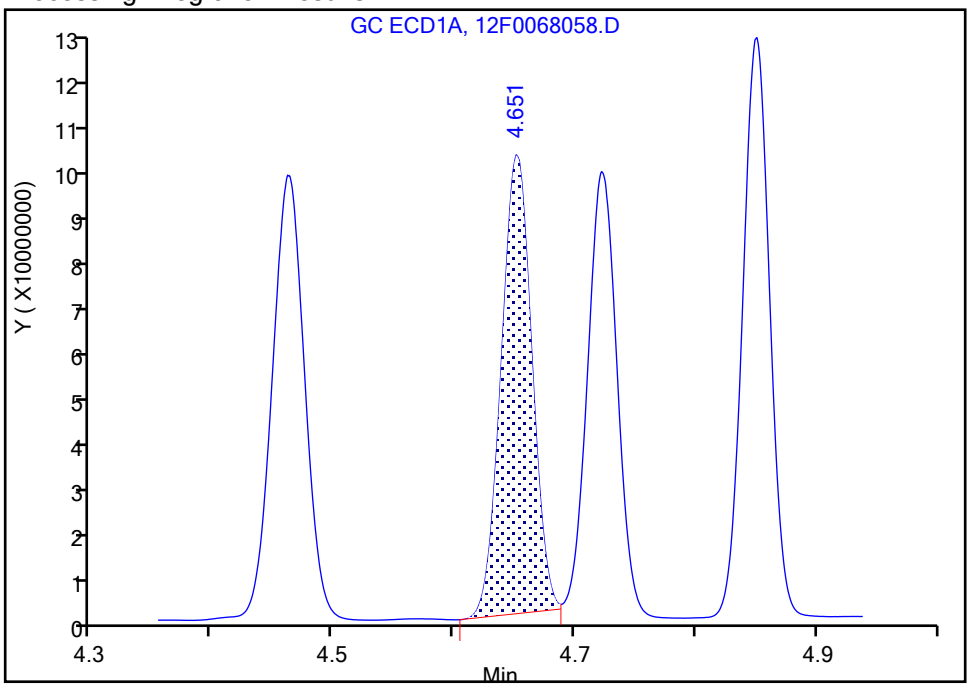
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Injection Date: 22-Jan-2025 11:04:05 Instrument ID: CPESTGC12
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

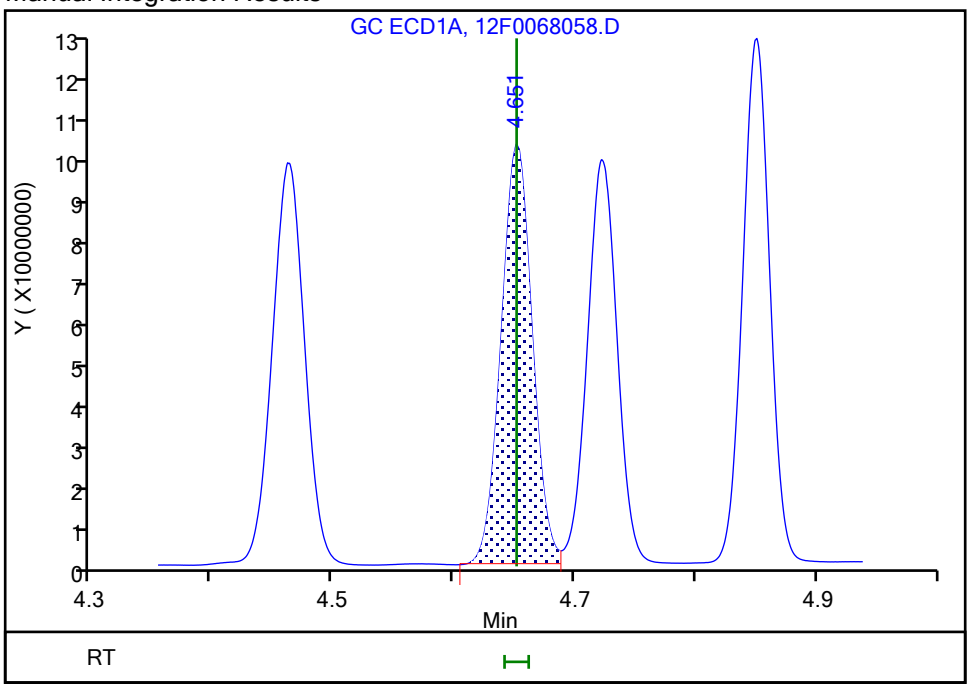
Processing Integration Results

RT: 4.65
Area: 160577335
Amount: 99.789867
Amount Units: ug/l




Manual Integration Results

RT: 4.65
Area: 165995494
Amount: 103.1570
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:50:08 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

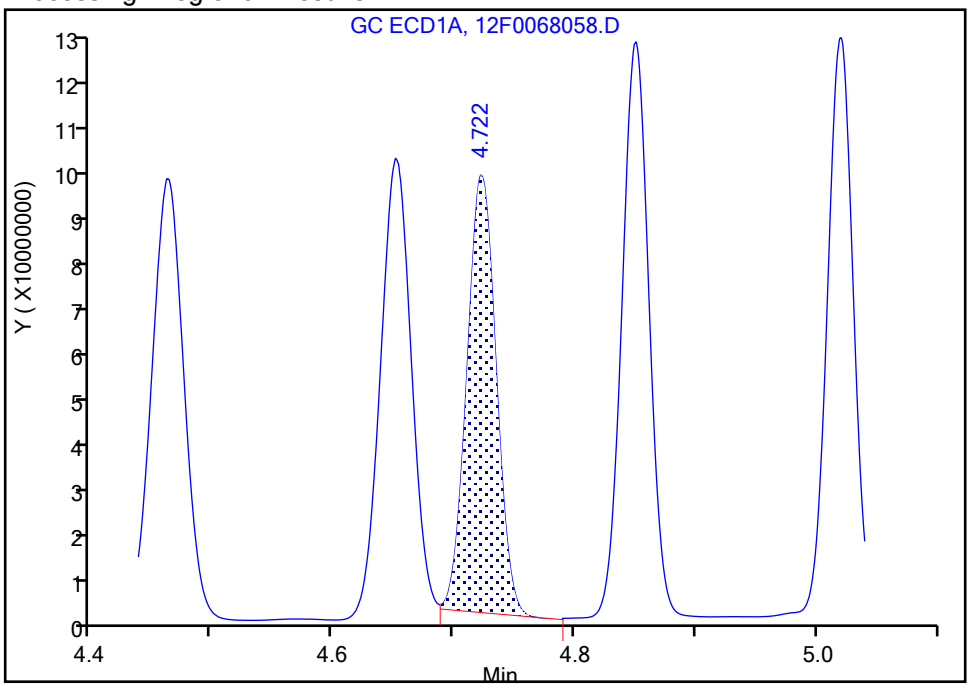
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Injection Date: 22-Jan-2025 11:04:05 Instrument ID: CPESTGC12
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

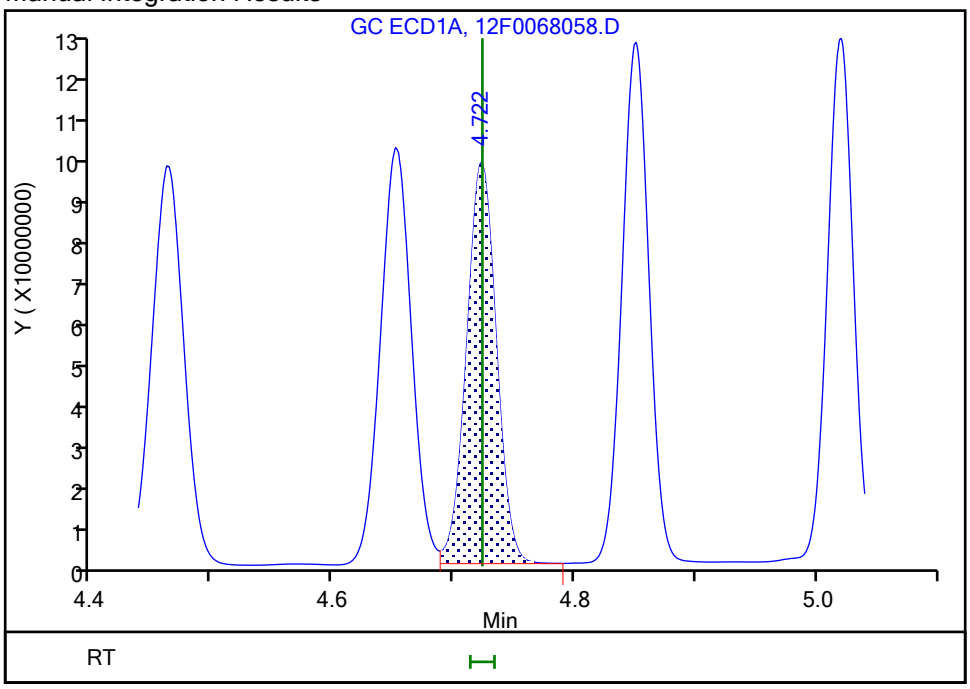
Processing Integration Results

RT: 4.72
Area: 147573753
Amount: 98.640242
Amount Units: ug/l




Manual Integration Results

RT: 4.72
Area: 153609483
Amount: 102.6746
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:50:08 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

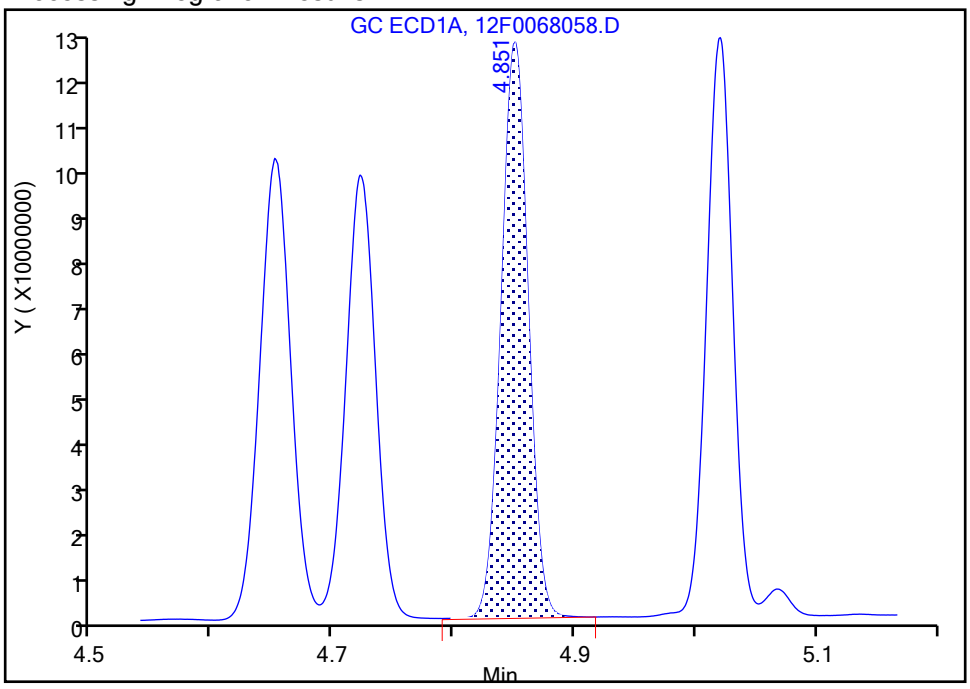
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Injection Date: 22-Jan-2025 11:04:05 Instrument ID: CPESTGC12
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

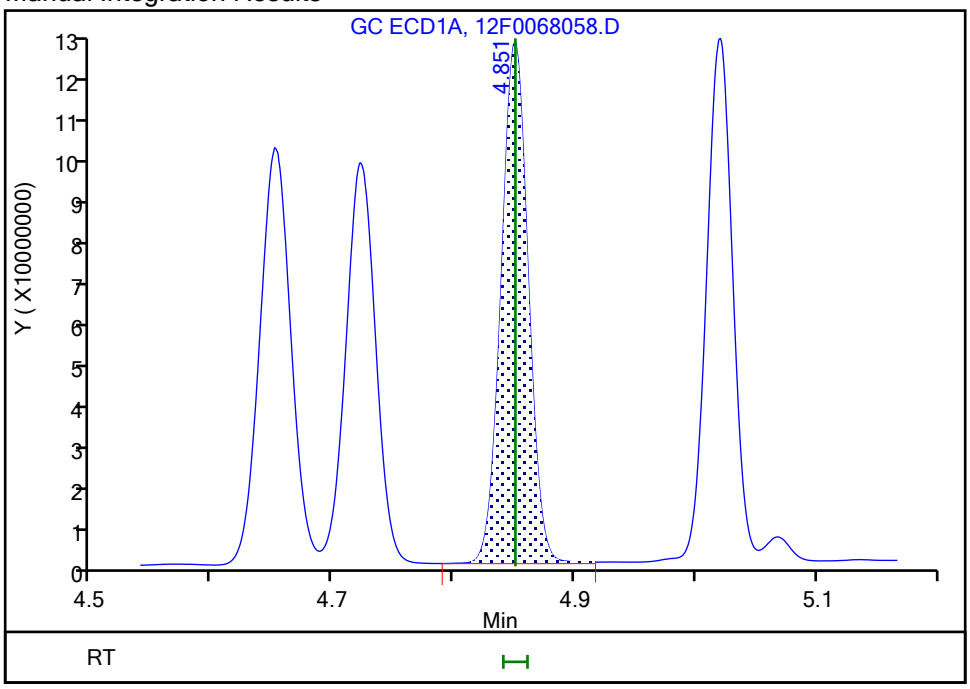
Processing Integration Results

RT: 4.85
Area: 180272526
Amount: 101.8326
Amount Units: ug/l




Manual Integration Results

RT: 4.85
Area: 180663790
Amount: 102.0537
Amount Units: ug/l




Reviewer: ESS0, 23-Jan-2025 02:50:08 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017577/9 Calibration Date: 01/22/2025 11:04

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068058.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.866 | 1.806 | | 96.8 | 100 | -3.2 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.927 | 1.863 | | 96.7 | 100 | -3.3 | 20.0 |
| beta-BHC | Ave | 0.6099 | 0.5991 | | 98.2 | 100 | -1.8 | 20.0 |
| delta-BHC | Ave | 1.510 | 1.477 | | 97.8 | 100 | -2.2 | 20.0 |
| Heptachlor | Ave | 1.306 | 1.308 | | 100 | 100 | 0.2 | 20.0 |
| Aldrin | Ave | 1.583 | 1.520 | | 96.0 | 100 | -4.0 | 20.0 |
| Heptachlor epoxide | Ave | 1.290 | 1.267 | | 98.2 | 100 | -1.8 | 20.0 |
| trans-Chlordane | Ave | 1.272 | 1.254 | | 98.5 | 100 | -1.5 | 20.0 |
| cis-Chlordane | Ave | 1.262 | 1.223 | | 96.9 | 100 | -3.1 | 20.0 |
| 4,4'-DDE | Ave | 1.506 | 1.465 | | 97.2 | 100 | -2.8 | 20.0 |
| Endosulfan I | Ave | 1.166 | 1.135 | | 97.3 | 100 | -2.7 | 20.0 |
| Dieldrin | Ave | 1.358 | 1.289 | | 94.9 | 100 | -5.1 | 20.0 |
| Endrin | Ave | 1.090 | 1.035 | | 95.0 | 100 | -5.0 | 20.0 |
| 4,4'-DDD | Ave | 0.9419 | 0.9346 | | 99.2 | 100 | -0.8 | 20.0 |
| Endosulfan II | Ave | 0.9745 | 1.018 | | 104 | 100 | 4.5 | 20.0 |
| 4,4'-DDT | Ave | 0.9186 | 0.8838 | | 96.2 | 100 | -3.8 | 20.0 |
| Endrin aldehyde | Ave | 0.9275 | 0.9067 | | 97.8 | 100 | -2.2 | 20.0 |
| Methoxychlor | Ave | 0.5405 | 0.5176 | | 95.8 | 100 | -4.2 | 20.0 |
| Mirex | Ave | 0.8843 | 0.8677 | | 98.1 | 100 | -1.9 | 20.0 |
| Endosulfan sulfate | Ave | 1.156 | 1.119 | | 96.8 | 100 | -3.2 | 20.0 |
| Endrin ketone | Ave | 1.215 | 1.204 | | 99.1 | 100 | -0.9 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.323 | 1.288 | | 97.4 | 100 | -2.6 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.471 | 1.386 | | 94.3 | 100 | -5.7 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017577/9  Calibration Date: 01/22/2025 11:04

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068058.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.14 | 2.13 | 2.15 |
| gamma-BHC (Lindane) | 2.33 | 2.32 | 2.34 |
| beta-BHC | 2.38 | 2.37 | 2.39 |
| delta-BHC | 2.50 | 2.49 | 2.51 |
| Heptachlor | 2.66 | 2.65 | 2.67 |
| Aldrin | 2.89 | 2.88 | 2.90 |
| Heptachlor epoxide | 3.44 | 3.43 | 3.45 |
| trans-Chlordane | 3.58 | 3.57 | 3.59 |
| cis-Chlordane | 3.72 | 3.72 | 3.74 |
| 4,4'-DDE | 3.83 | 3.81 | 3.83 |
| Endosulfan I | 3.88 | 3.87 | 3.89 |
| Dieldrin | 4.16 | 4.15 | 4.17 |
| Endrin | 4.43 | 4.41 | 4.43 |
| 4,4'-DDD | 4.52 | 4.51 | 4.53 |
| Endosulfan II | 4.68 | 4.67 | 4.69 |
| 4,4'-DDT | 4.83 | 4.82 | 4.84 |
| Endrin aldehyde | 5.09 | 5.08 | 5.10 |
| Methoxychlor | 5.31 | 5.30 | 5.32 |
| Mirex | 5.38 | 5.37 | 5.39 |
| Endosulfan sulfate | 5.49 | 5.48 | 5.50 |
| Endrin ketone | 5.77 | 5.76 | 5.78 |
| Tetrachloro-m-xylene | 1.82 | 1.81 | 1.83 |
| DCB Decachlorobiphenyl | 7.37 | 7.35 | 7.37 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 22-Jan-2025 11:04:05 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186053-009
Operator ID: Instrument ID: CPESTGC12
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2025 03:33:03 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1711

First Level Reviewer: ESS0 Date: 23-Jan-2025 02:50:13

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.517 | -0.001 | 136454285 | 100.0 | 100.0 | |
| 2 | 1.442 | 1.443 | -0.001 | 384431970 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.037 | 2.037 | 0.000 | 172001710 | 100.0 | 99.4 | |
| 2 | 1.818 | 1.819 | -0.001 | 495219410 | 100.0 | 97.4 | |
| | | | | | | RPD = 1.99 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.464 | 2.464 | 0.000 | 234224838 | 100.0 | 101.5 | |
| 2 | 2.137 | 2.137 | 0.000 | 694194795 | 100.0 | 96.8 | |
| | | | | | | RPD = 4.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.759 | 2.759 | 0.000 | 201653532 | 100.0 | 101.2 | M |
| 2 | 2.332 | 2.332 | 0.000 | 716218340 | 100.0 | 96.7 | |
| | | | | | | RPD = 4.52 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.814 | 2.814 | 0.000 | 86545196 | 100.0 | 100.0 | M |
| 2 | 2.380 | 2.381 | -0.001 | 230322292 | 100.0 | 98.2 | |
| | | | | | | RPD = 1.77 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.109 | 3.109 | 0.000 | 197136443 | 100.0 | 102.0 | |
| 2 | 2.503 | 2.502 | 0.001 | 567718935 | 100.0 | 97.8 | |
| | | | | | | RPD = 4.19 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.197 | 3.197 | 0.000 | 173610688 | 100.0 | 102.9 | |
| 2 | 2.657 | 2.657 | 0.000 | 502847646 | 100.0 | 100.2 | |
| | | | | | | RPD = 2.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.572 | 3.572 | 0.000 | 202556013 | 100.0 | 99.9 | |
| 2 | 2.889 | 2.889 | 0.000 | 584155314 | 100.0 | 96.0 | |
| | | | | | | RPD = 3.98 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.232 | 4.231 | 0.001 | 167436802 | 100.0 | 103.1 | |
| 2 | 3.441 | 3.440 | 0.001 | 486982738 | 100.0 | 98.2 | |
| | | | | | | RPD = 4.91 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.462 | 4.462 | 0.000 | 166180814 | 100.0 | 103.3 | |
| 2 | 3.576 | 3.575 | 0.001 | 481896713 | 100.0 | 98.5 | |
| | | | | | | RPD = 4.75 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.651 | 4.652 | -0.001 | 165995494 | 100.0 | 103.2 | M |
| 2 | 3.724 | 3.726 | -0.002 | 470012438 | 100.0 | 96.9 | |
| | | | | | | RPD = 6.29 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.722 | 4.723 | -0.001 | 153609483 | 100.0 | 102.7 | M |
| 2 | 3.883 | 3.883 | 0.000 | 436165003 | 100.0 | 97.3 | |
| | | | | | | RPD = 5.38 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.851 | 4.851 | 0.000 | 180663790 | 100.0 | 102.1 | M |
| 2 | 3.825 | 3.824 | 0.001 | 563028417 | 100.0 | 97.2 | |
| | | | | | | RPD = 4.84 | |
| 30 Dieldrin | | | | | | | |
| 1 | 5.020 | 5.020 | 0.000 | 175085872 | 100.0 | 100.1 | |
| 2 | 4.160 | 4.160 | 0.000 | 495445123 | 100.0 | 94.9 | |
| | | | | | | RPD = 5.29 | |
| 20 Endrin | | | | | | | |
| 1 | 5.319 | 5.319 | 0.000 | 145262397 | 100.0 | 98.7 | |
| 2 | 4.425 | 4.423 | 0.002 | 397883966 | 100.0 | 95.0 | |
| | | | | | | RPD = 3.88 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.438 | 5.437 | 0.001 | 153229943 | 100.0 | 99.4 | |
| 2 | 4.522 | 4.522 | 0.000 | 359275544 | 100.0 | 99.2 | |
| | | | | | | RPD = 0.20 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.526 | 5.526 | 0.000 | 146741143 | 100.0 | 107.0 | |
| 2 | 4.681 | 4.680 | 0.001 | 391400570 | 100.0 | 104.5 | |
| | | | | | | RPD = 2.41 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.789 | 5.788 | 0.001 | 125775614 | 100.0 | 102.3 | |
| 2 | 4.831 | 4.830 | 0.001 | 339744760 | 100.0 | 96.2 | |
| | | | | | | RPD = 6.18 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.917 | 5.918 | -0.001 | 115496136 | 100.0 | 103.7 | |
| 2 | 5.092 | 5.092 | 0.000 | 348565987 | 100.0 | 97.8 | |
| | | | | | | RPD = 5.88 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.293 | 6.294 | -0.001 | 140284392 | 100.0 | 101.5 | |
| 2 | 5.489 | 5.489 | 0.000 | 430198892 | 100.0 | 96.8 | |
| | | | | | | RPD = 4.70 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.905 | 6.906 | -0.001 | 73937740 | 100.0 | 111.5 | |
| 2 | 5.307 | 5.306 | 0.001 | 198973679 | 100.0 | 95.8 | |
| | | | | | | RPD = 15.22 | |
| 34 Mirex | | | | | | | |
| 1 | 7.072 | 7.072 | 0.000 | 119675680 | 100.0 | 107.7 | |
| 2 | 5.376 | 5.376 | 0.000 | 333575269 | 100.0 | 98.1 | |
| | | | | | | RPD = 9.26 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 7.158 | 7.158 | 0.000 | 161793072 | 100.0 | 107.2 | |
| 2 | 5.768 | 5.767 | 0.001 | 462764093 | 100.0 | 99.1 | |
| | | | | | | RPD = 7.82 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.337 | 8.333 | 0.004 | 134600507 | 100.0 | 99.2 | |
| 2 | 7.367 | 7.364 | 0.003 | 532901636 | 100.0 | 94.3 | |
| | | | | | | RPD = 5.09 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

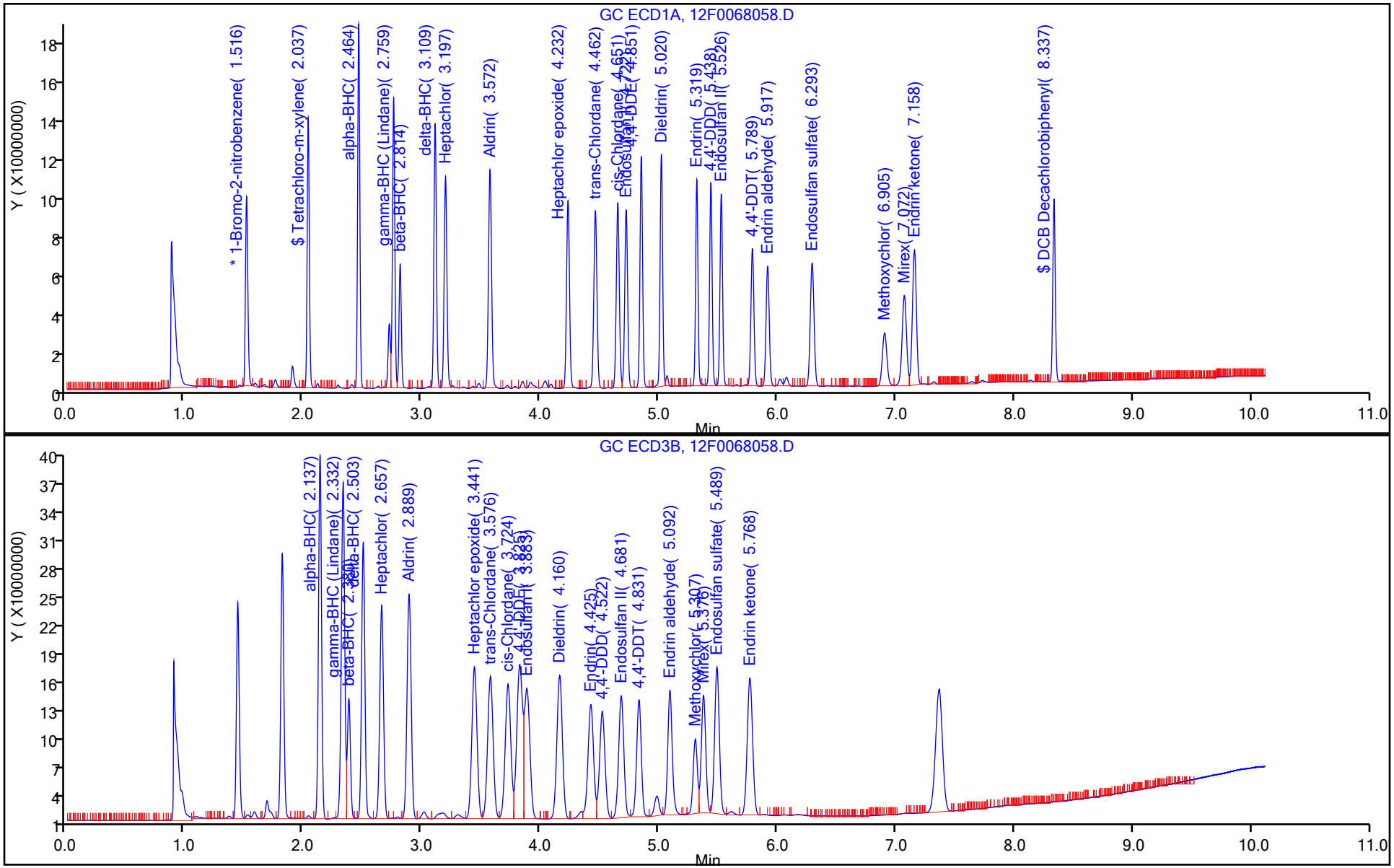
| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Jan-2025 03:33:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186053.b\12F0068058.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 22-Jan-2025 11:04:05 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | ICV PEST | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020035/3 Calibration Date: 02/07/2025 02:42

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 09:50

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068417.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.692 | 1.651 | | 97.6 | 100 | -2.4 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.461 | 1.497 | | 102 | 100 | 2.5 | 20.0 |
| beta-BHC | Ave | 0.6344 | 0.6220 | | 98.1 | 100 | -1.9 | 20.0 |
| delta-BHC | Ave | 1.417 | 1.308 | | 92.3 | 100 | -7.7 | 20.0 |
| Heptachlor | Ave | 1.236 | 1.378 | | 111 | 100 | 11.5 | 20.0 |
| Aldrin | Ave | 1.486 | 1.401 | | 94.3 | 100 | -5.7 | 20.0 |
| Heptachlor epoxide | Ave | 1.190 | 1.156 | | 97.2 | 100 | -2.8 | 20.0 |
| trans-Chlordane | Ave | 1.179 | 1.177 | | 99.8 | 100 | -0.2 | 20.0 |
| cis-Chlordane | Ave | 1.179 | 1.108 | | 93.9 | 100 | -6.1 | 20.0 |
| Endosulfan I | Ave | 1.096 | 1.083 | | 98.8 | 100 | -1.2 | 20.0 |
| 4,4'-DDE | Ave | 1.297 | 1.201 | | 92.6 | 100 | -7.4 | 20.0 |
| Dieldrin | Ave | 1.282 | 1.267 | | 98.8 | 100 | -1.2 | 20.0 |
| Endrin | Ave | 1.078 | 1.151 | | 107 | 100 | 6.8 | 20.0 |
| 4,4'-DDD | Ave | 1.130 | 1.041 | | 92.2 | 100 | -7.8 | 20.0 |
| Endosulfan II | Ave | 1.005 | 1.071 | | 107 | 100 | 6.6 | 20.0 |
| 4,4'-DDT | Ave | 0.9007 | 1.025 | | 114 | 100 | 13.8 | 20.0 |
| Endrin aldehyde | Ave | 0.8163 | 0.7863 | | 96.3 | 100 | -3.7 | 20.0 |
| Endosulfan sulfate | Ave | 1.013 | 0.9889 | | 97.6 | 100 | -2.4 | 20.0 |
| Methoxychlor | Ave | 0.4858 | 0.5344 | | 110 | 100 | 10.0 | 20.0 |
| Mirex | Ave | 0.8147 | 0.8179 | | 100 | 100 | 0.4 | 20.0 |
| Endrin ketone | Ave | 1.106 | 1.224 | | 111 | 100 | 10.6 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.269 | 1.045 | | 82.4 | 100 | -17.6 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.9947 | 0.9325 | | 93.8 | 100 | -6.2 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020035/3  Calibration Date: 02/07/2025 02:42

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068417.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.45 | 2.44 | 2.46 |
| gamma-BHC (Lindane) | 2.75 | 2.74 | 2.76 |
| beta-BHC | 2.80 | 2.79 | 2.81 |
| delta-BHC | 3.09 | 3.08 | 3.10 |
| Heptachlor | 3.18 | 3.17 | 3.19 |
| Aldrin | 3.55 | 3.54 | 3.56 |
| Heptachlor epoxide | 4.21 | 4.20 | 4.22 |
| trans-Chlordane | 4.44 | 4.43 | 4.45 |
| cis-Chlordane | 4.63 | 4.62 | 4.64 |
| Endosulfan I | 4.70 | 4.69 | 4.71 |
| 4,4'-DDE | 4.83 | 4.82 | 4.84 |
| Dieldrin | 5.00 | 4.99 | 5.01 |
| Endrin | 5.30 | 5.29 | 5.31 |
| 4,4'-DDD | 5.42 | 5.41 | 5.43 |
| Endosulfan II | 5.50 | 5.49 | 5.51 |
| 4,4'-DDT | 5.76 | 5.75 | 5.77 |
| Endrin aldehyde | 5.89 | 5.88 | 5.90 |
| Endosulfan sulfate | 6.26 | 6.25 | 6.27 |
| Methoxychlor | 6.87 | 6.86 | 6.88 |
| Mirex | 7.04 | 7.03 | 7.05 |
| Endrin ketone | 7.12 | 7.11 | 7.13 |
| Tetrachloro-m-xylene | 2.03 | 2.02 | 2.04 |
| DCB Decachlorobiphenyl | 8.32 | 8.31 | 8.33 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 02:42:49 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:32 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:08:23

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.513 | 1.513 | 0.000 | 196243047 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 460839178 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | a |
| 1 | 2.030 | 2.030 | 0.000 | 205145762 | 100.0 | 82.4 | a |
| 2 | 1.809 | 1.809 | 0.000 | 561154377 | 100.0 | 92.1 | a |
| | | | | | | RPD = 11.08 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.452 | 2.452 | 0.000 | 324083417 | 100.0 | 97.6 | |
| 2 | 2.124 | 2.124 | 0.000 | 883089706 | 100.0 | 102.7 | |
| | | | | | | RPD = 5.07 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.745 | 2.745 | 0.000 | 293734497 | 100.0 | 102.5 | M |
| 2 | 2.319 | 2.319 | 0.000 | 784314473 | 100.0 | 88.3 | |
| | | | | | | RPD = 14.82 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.799 | 0.000 | 122065331 | 100.0 | 98.1 | M |
| 2 | 2.365 | 2.365 | 0.000 | 301419366 | 100.0 | 107.2 | |
| | | | | | | RPD = 8.95 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.092 | 3.092 | 0.000 | 256676116 | 100.0 | 92.3 | |
| 2 | 2.486 | 2.486 | 0.000 | 726017969 | 100.0 | 104.3 | |
| | | | | | | RPD = 12.20 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.179 | 3.179 | 0.000 | 270415698 | 100.0 | 111.5 | |
| 2 | 2.640 | 2.640 | 0.000 | 730702981 | 100.0 | 121.4 | |
| | | | | | | RPD = 8.54 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | a |
| 1 | 3.550 | 3.550 | 0.000 | 275017902 | 100.0 | 94.3 | a |
| 2 | 2.868 | 2.868 | 0.000 | 728974131 | 100.0 | 99.9 | a |
| | | | | | | RPD = 5.79 | |
| 12 Heptachlor epoxide | | | | | | | a |
| 1 | 4.208 | 4.208 | 0.000 | 226931169 | 100.0 | 97.2 | a |
| 2 | 3.410 | 3.410 | 0.000 | 616442224 | 100.0 | 103.7 | a |
| | | | | | | RPD = 6.46 | |
| 9 trans-Chlordane | | | | | | | a |
| 1 | 4.437 | 4.437 | 0.000 | 230953054 | 100.0 | 99.8 | a |
| 2 | 3.544 | 3.544 | 0.000 | 632886232 | 100.0 | 107.9 | a |
| | | | | | | RPD = 7.80 | |
| 23 cis-Chlordane | | | | | | | Ma |
| 1 | 4.626 | 4.626 | 0.000 | 217362017 | 100.0 | 93.9 | M |
| 2 | 3.692 | 3.692 | 0.000 | 619614452 | 100.0 | 106.5 | a |
| | | | | | | RPD = 12.57 | |
| 7 Endosulfan I | | | | | | | Ma |
| 1 | 4.698 | 4.698 | 0.000 | 212486677 | 100.0 | 98.8 | M |
| 2 | 3.847 | 3.847 | 0.000 | 601555643 | 100.0 | 111.9 | a |
| | | | | | | RPD = 12.52 | |
| 25 4,4'-DDE | | | | | | | a |
| 1 | 4.828 | 4.828 | 0.000 | 235690517 | 100.0 | 92.6 | a |
| 2 | 3.789 | 3.789 | 0.000 | 681817895 | 100.0 | 98.2 | a |
| | | | | | | RPD = 5.92 | |
| 30 Dieldrin | | | | | | | a |
| 1 | 4.999 | 4.999 | 0.000 | 248644720 | 100.0 | 98.8 | a |
| 2 | 4.125 | 4.125 | 0.000 | 675920196 | 100.0 | 108.0 | a |
| | | | | | | RPD = 8.90 | |
| 20 Endrin | | | | | | | Ma |
| 1 | 5.299 | 5.299 | 0.000 | 225933262 | 100.0 | 106.8 | a |
| 2 | 4.388 | 4.388 | 0.000 | 600067344 | 100.0 | 119.5 | M |
| | | | | | | RPD = 11.23 | |
| 16 4,4'-DDD | | | | | | | Ma |
| 1 | 5.416 | 5.416 | 0.000 | 204304535 | 100.0 | 92.2 | a |
| 2 | 4.485 | 4.485 | 0.000 | 514587182 | 100.0 | 118.5 | M |
| | | | | | | RPD = 25.04 | |
| 11 Endosulfan II | | | | | | | Ma |
| 1 | 5.503 | 5.503 | 0.000 | 210154047 | 100.0 | 106.6 | a |
| 2 | 4.646 | 4.646 | 0.000 | 532045828 | 100.0 | 118.5 | M |
| | | | | | | RPD = 10.57 | |
| 21 4,4'-DDT | | | | | | | a |
| 1 | 5.763 | 5.763 | 0.000 | 201052508 | 100.0 | 113.8 | a |
| 2 | 4.800 | 4.800 | 0.000 | 519592650 | 100.0 | 122.7 | a |
| | | | | | | RPD = 7.61 | |
| 5 Endrin aldehyde | | | | | | | a |
| 1 | 5.890 | 5.890 | 0.000 | 154300143 | 100.0 | 96.3 | a |
| 2 | 5.061 | 5.061 | 0.000 | 430621248 | 100.0 | 100.7 | a |
| | | | | | | RPD = 4.50 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | a |
| 1 | 6.261 | 6.261 | 0.000 | 194061205 | 100.0 | 97.6 | a |
| 2 | 5.456 | 5.456 | 0.000 | 576500632 | 100.0 | 108.2 | a |
| | | | | | | RPD = 10.32 | |
| 10 Methoxychlor | | | | | | | a |
| 1 | 6.870 | 6.870 | 0.000 | 104875327 | 100.0 | 110.0 | a |
| 2 | 5.282 | 5.282 | 0.000 | 281306904 | 100.0 | 112.9 | a |
| | | | | | | RPD = 2.63 | |
| 34 Mirex | | | | | | | a |
| 1 | 7.037 | 7.037 | 0.000 | 160504298 | 100.0 | 100.4 | a |
| 2 | 5.349 | 5.349 | 0.000 | 434492717 | 100.0 | 106.6 | a |
| | | | | | | RPD = 6.01 | |
| 13 Endrin ketone | | | | | | | a |
| 1 | 7.122 | 7.122 | 0.000 | 240206050 | 100.0 | 110.6 | a |
| 2 | 5.730 | 5.730 | 0.000 | 700364947 | 100.0 | 125.1 | a |
| | | | | | | RPD = 12.29 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.316 | 8.316 | 0.000 | 183002814 | 100.0 | 93.8 | |
| 2 | 7.328 | 7.328 | 0.000 | 660246596 | 100.0 | 97.4 | |
| | | | | | | RPD = 3.83 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

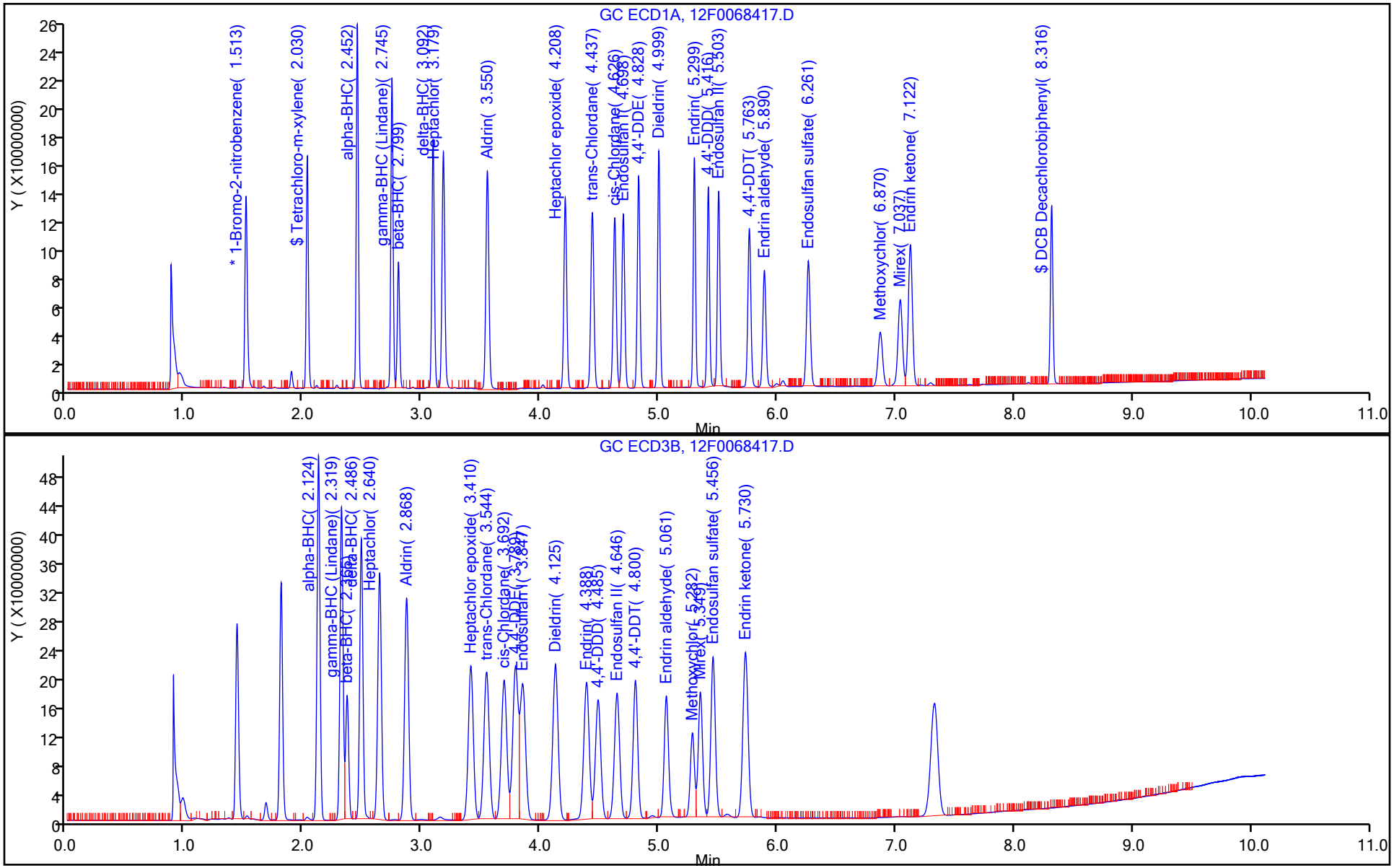
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:42:49 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

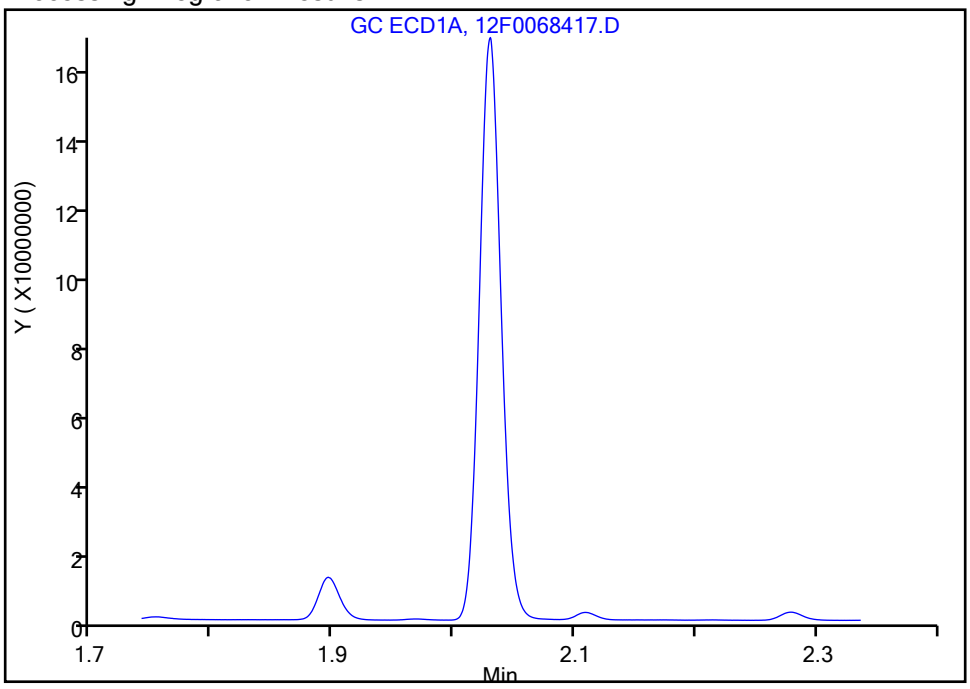
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## $ 4 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

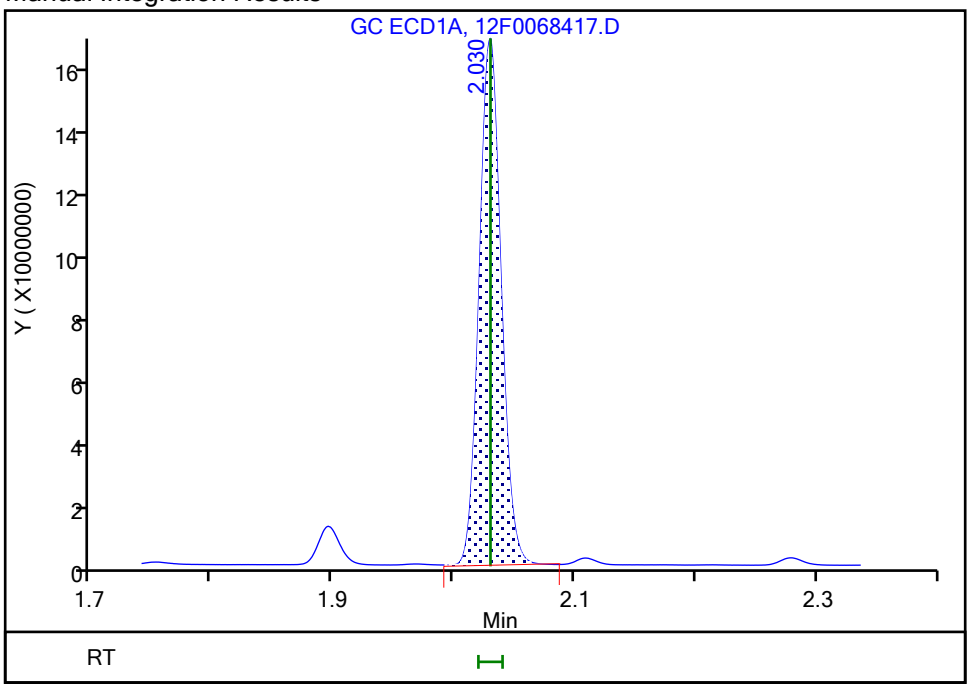
Not Detected
Expected RT: 2.03

Processing Integration Results




Manual Integration Results

RT: 2.03
Area: 205145762
Amount: 82.403609
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

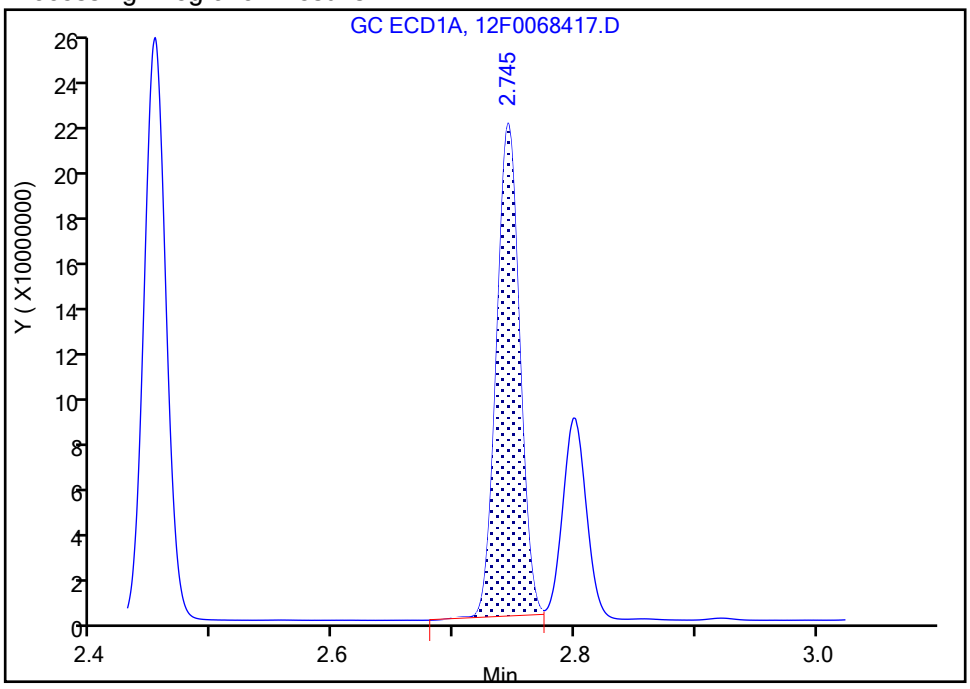
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

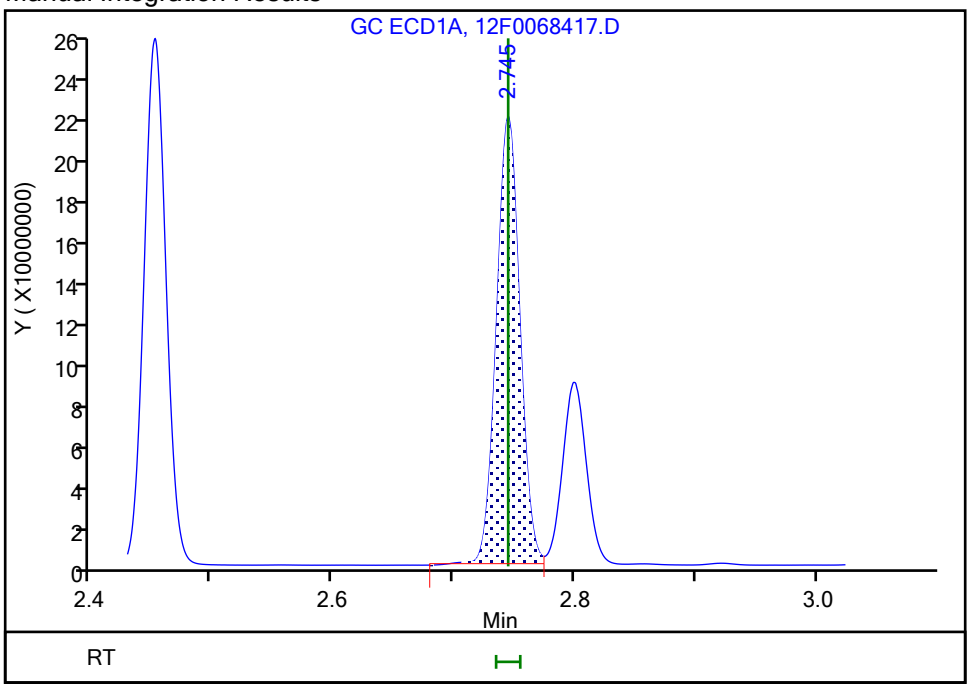
Processing Integration Results

RT: 2.74
Area: 288822479
Amount: 100.7504
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 293734497
Amount: 102.4639
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:19 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

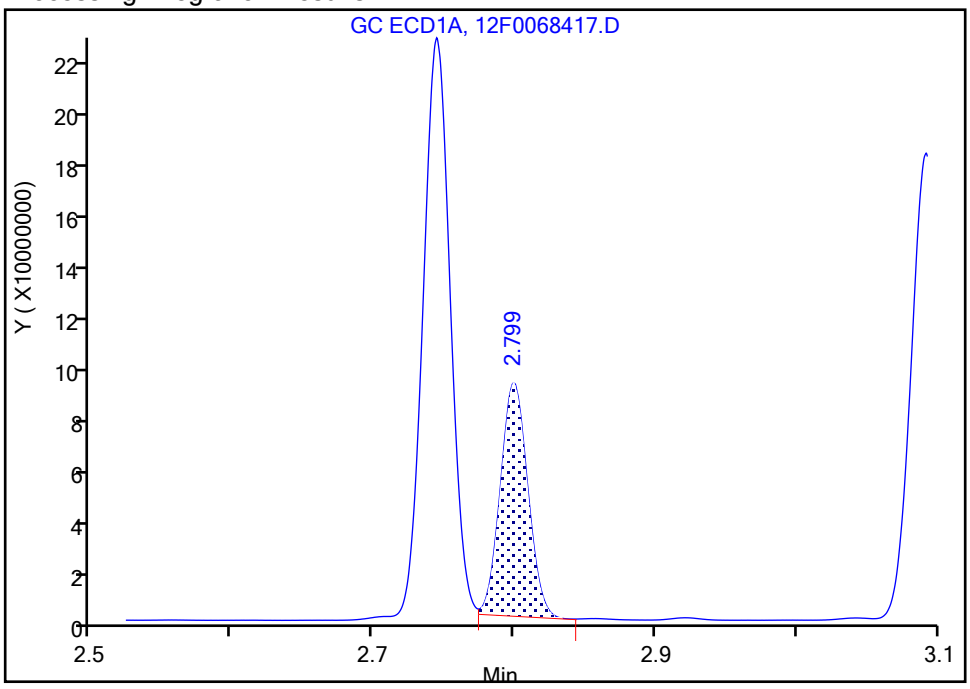
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

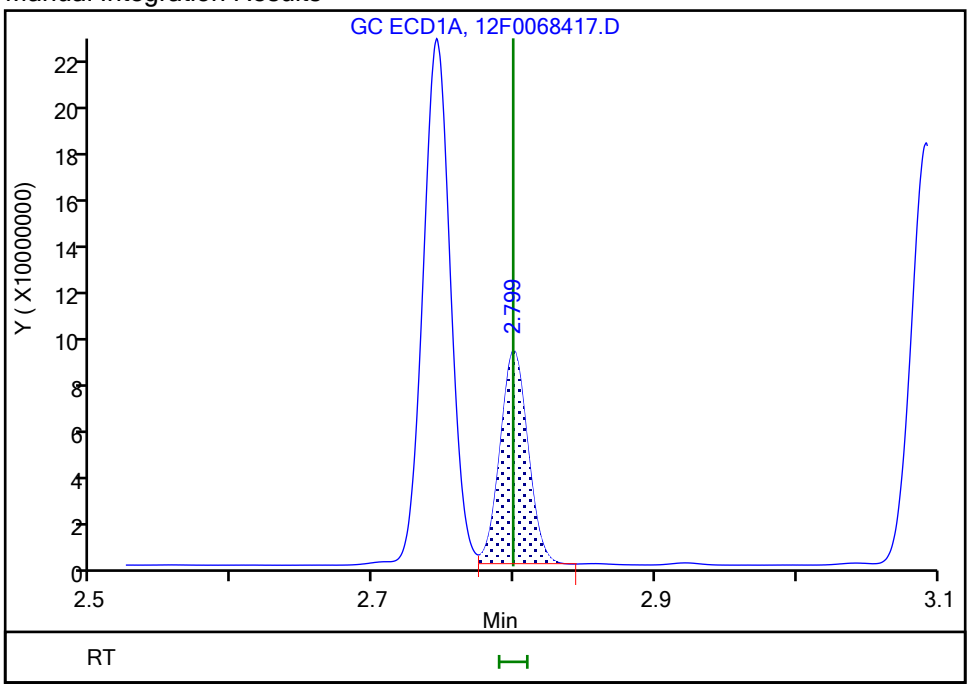
Processing Integration Results

RT: 2.80
Area: 118024018
Amount: 94.806292
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 122065331
Amount: 98.052596
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:19 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

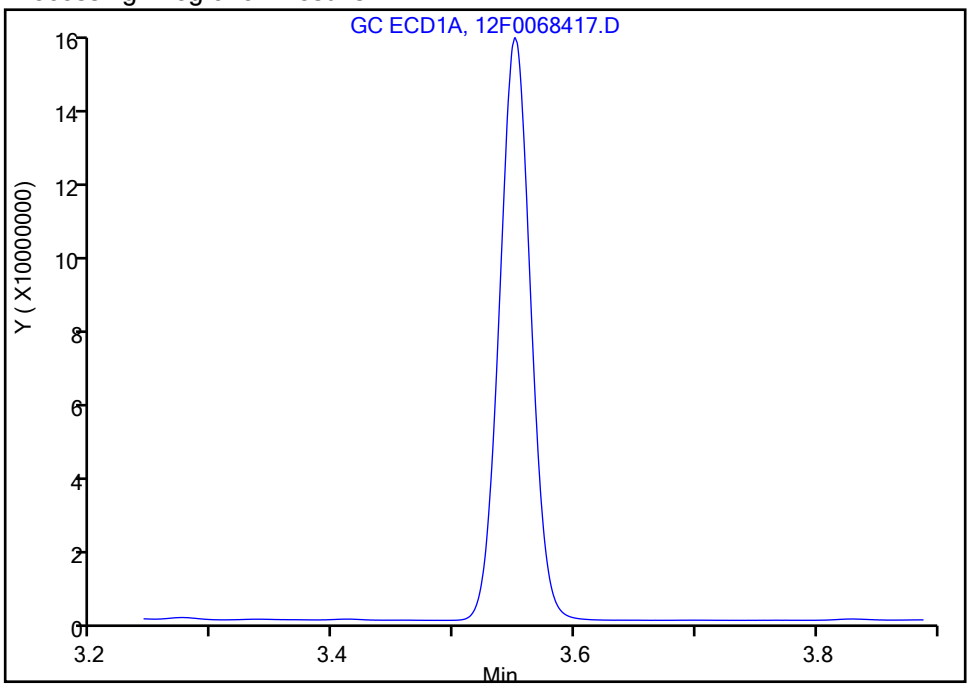
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 8 Aldrin, CAS: 309-00-2

Signal: 1

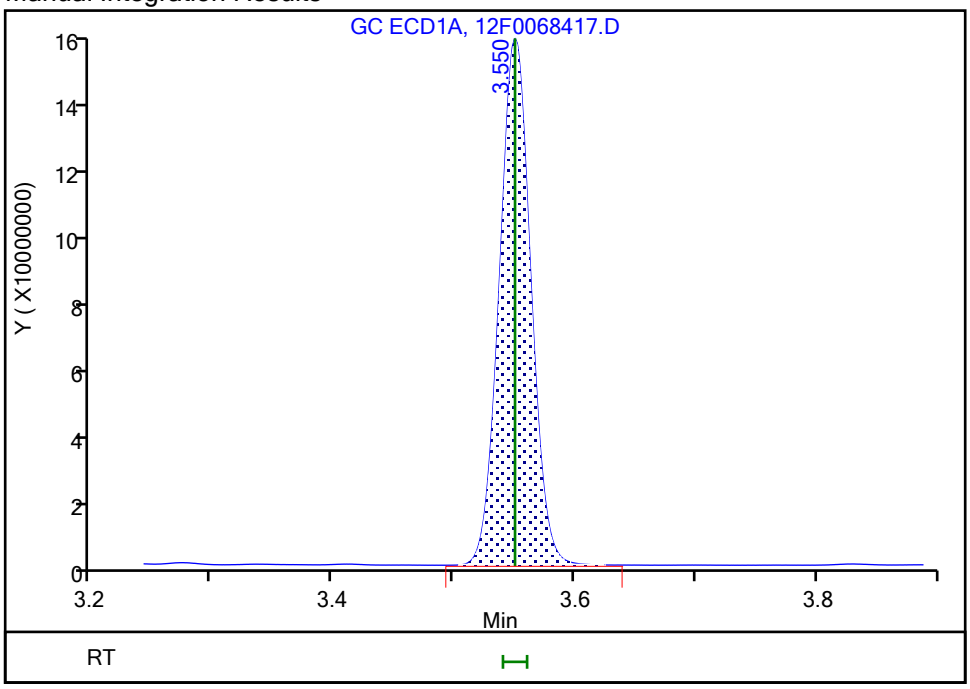
Not Detected
Expected RT: 3.55

Processing Integration Results




Manual Integration Results

RT: 3.55
Area: 275017902
Amount: 94.324108
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:52 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

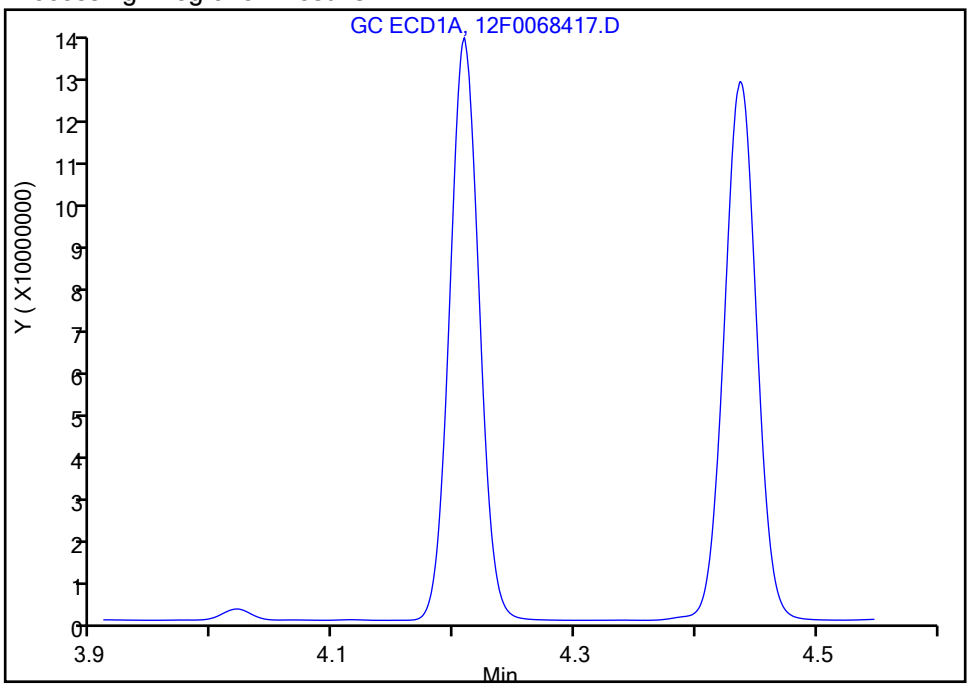
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3

Signal: 1

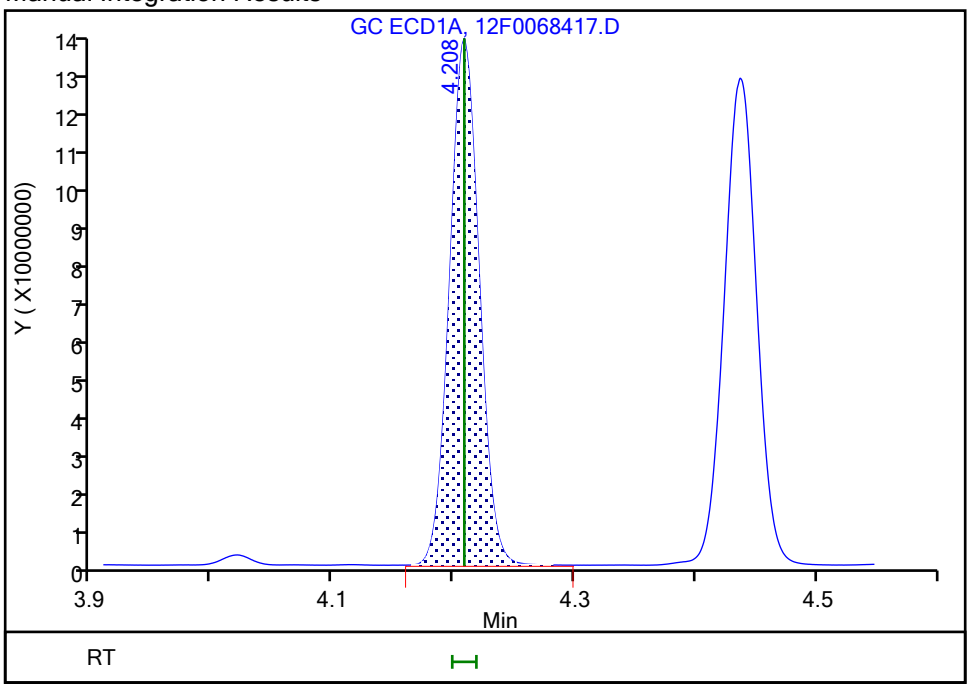
Not Detected
Expected RT: 4.21

Processing Integration Results




Manual Integration Results

RT: 4.21
Area: 226931169
Amount: 97.183555
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:58 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

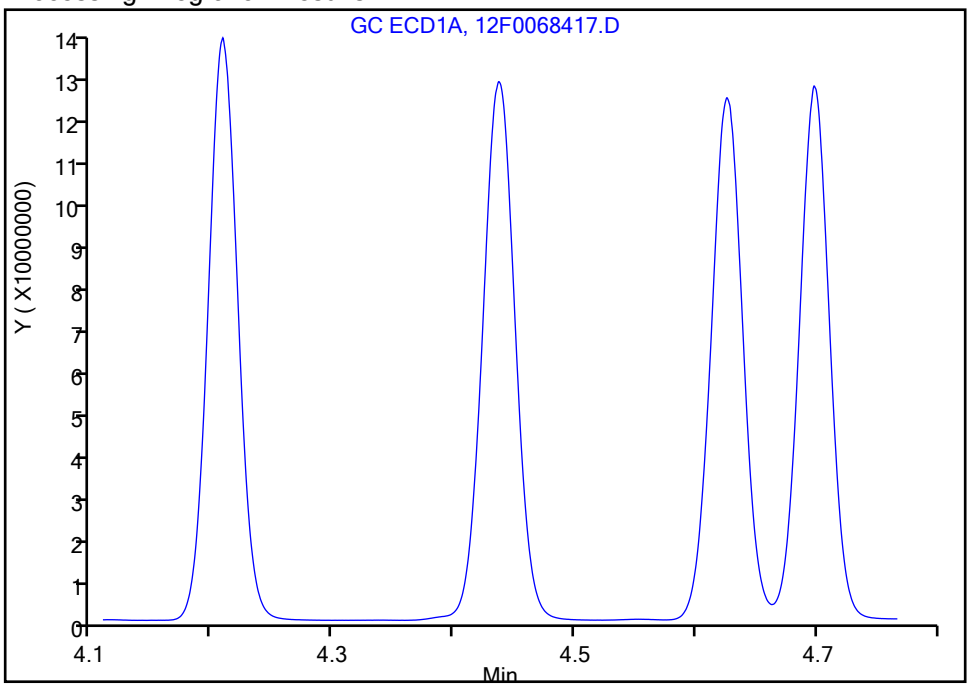
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 9 trans-Chlordane, CAS: 5103-74-2

Signal: 1

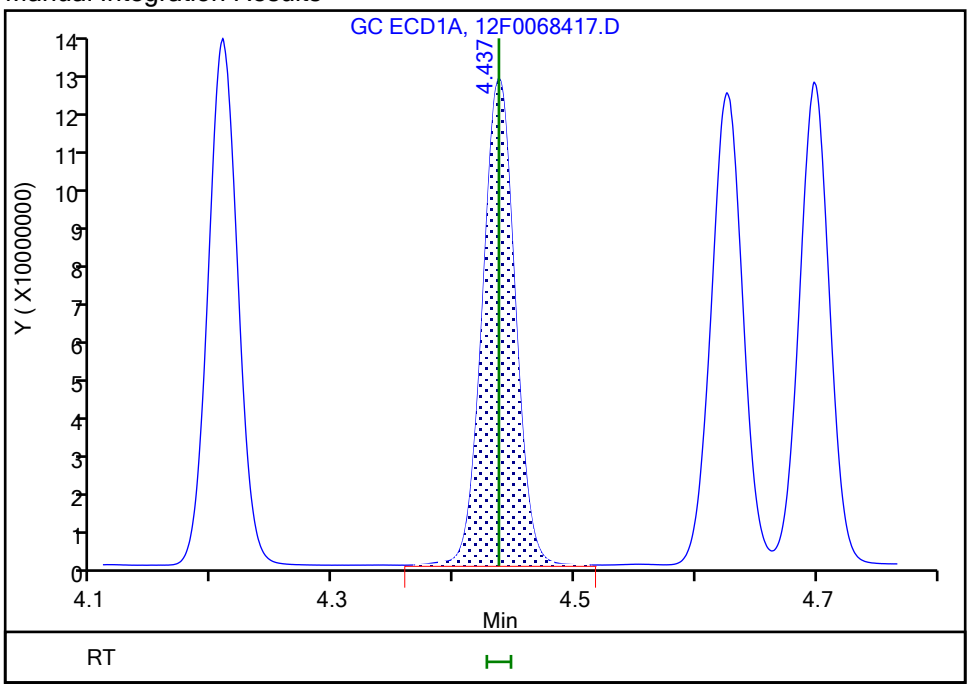
Not Detected
Expected RT: 4.44

Processing Integration Results




Manual Integration Results

RT: 4.44
Area: 230953054
Amount: 99.828957
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:04 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

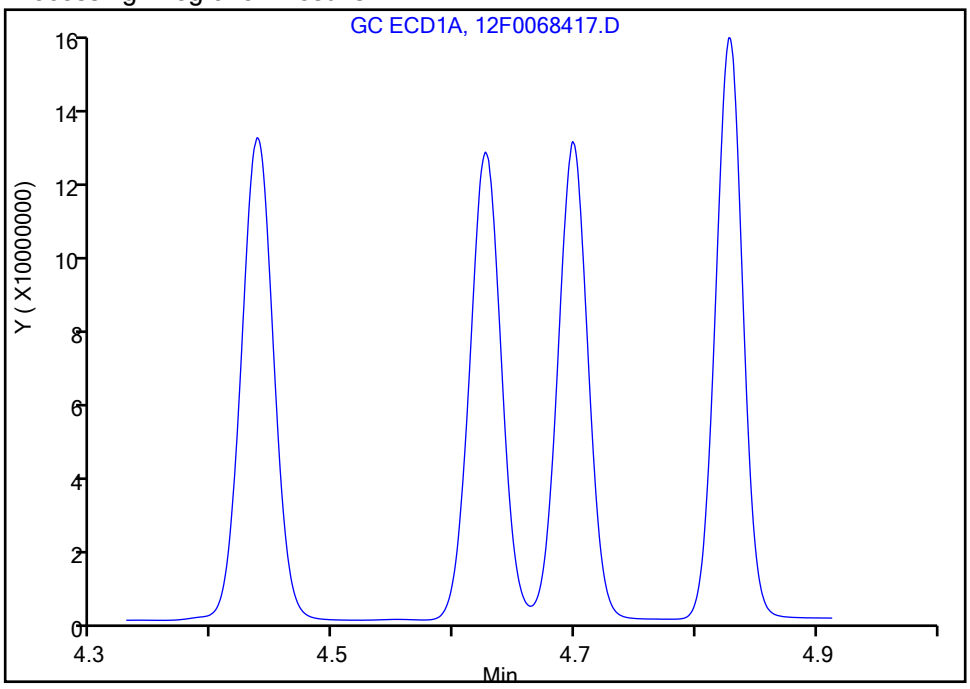
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

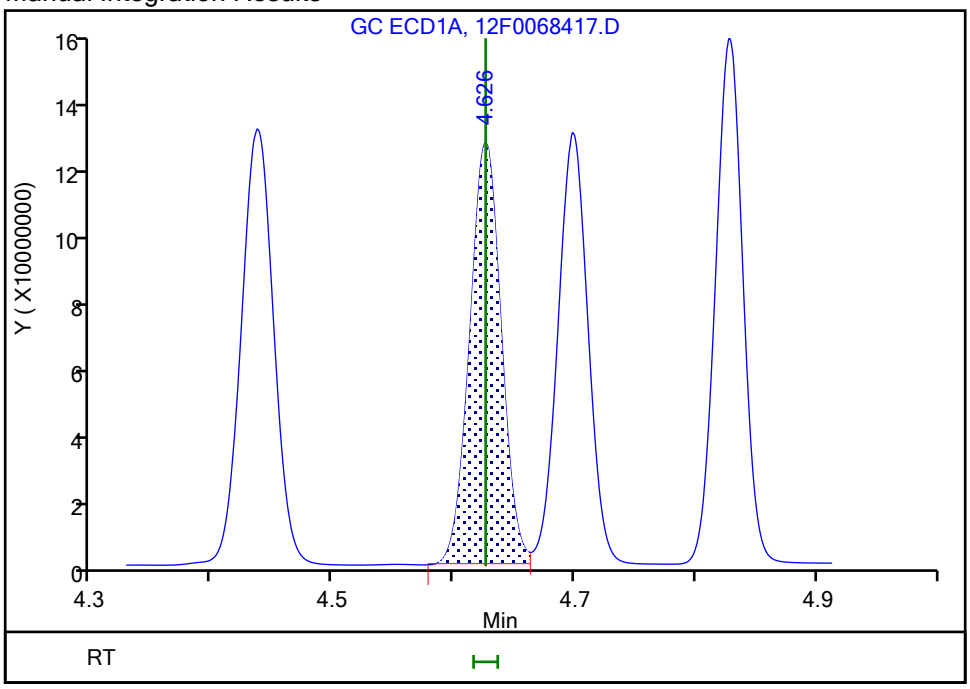
Not Detected
Expected RT: 4.63

Processing Integration Results




Manual Integration Results

RT: 4.63
Area: 217362017
Amount: 93.924470
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

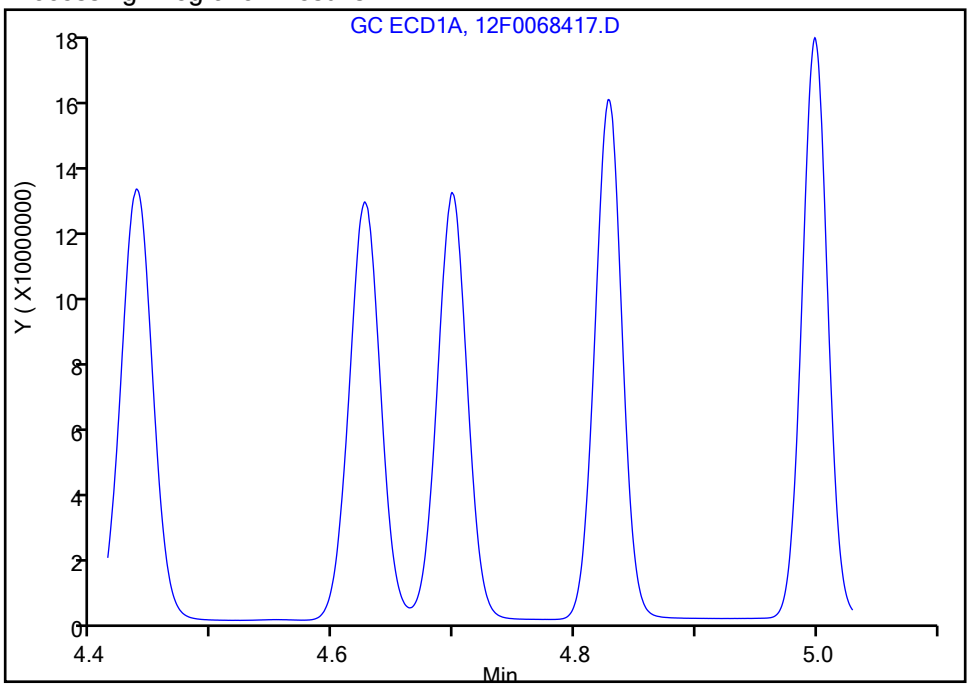
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

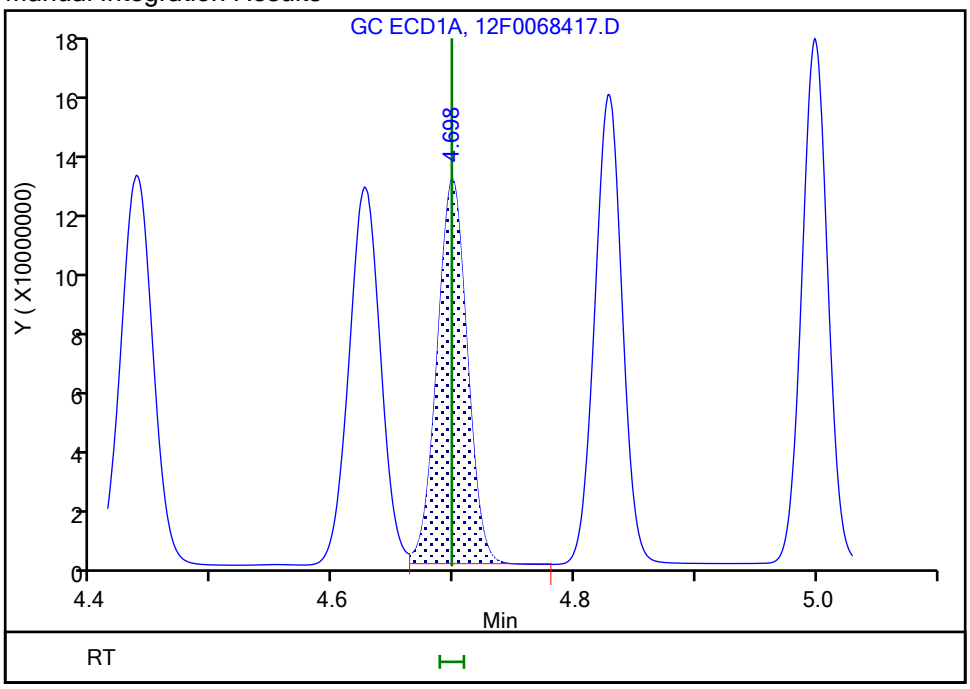
Not Detected
Expected RT: 4.70

Processing Integration Results




Manual Integration Results

RT: 4.70
Area: 212486677
Amount: 98.757392
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

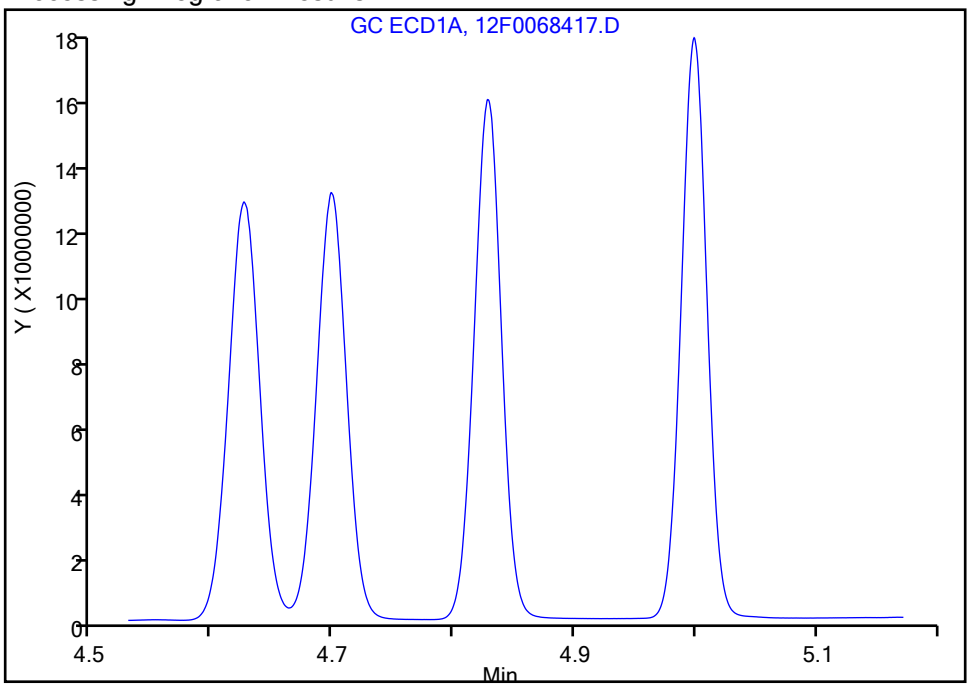
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

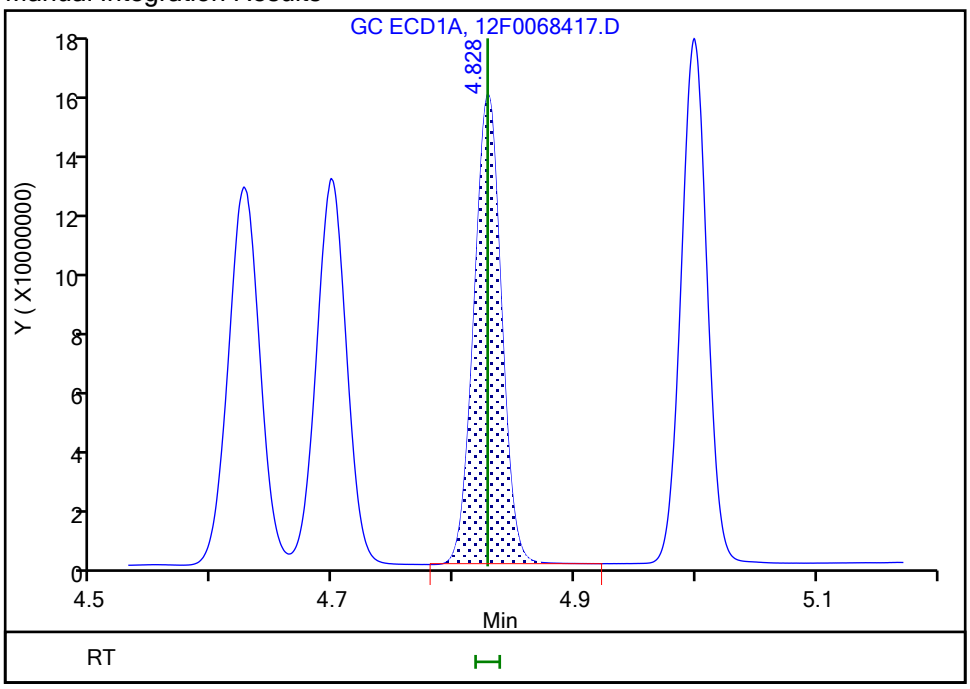
Not Detected
Expected RT: 4.83

Processing Integration Results




Manual Integration Results

RT: 4.83
Area: 235690517
Amount: 92.574734
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:25 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

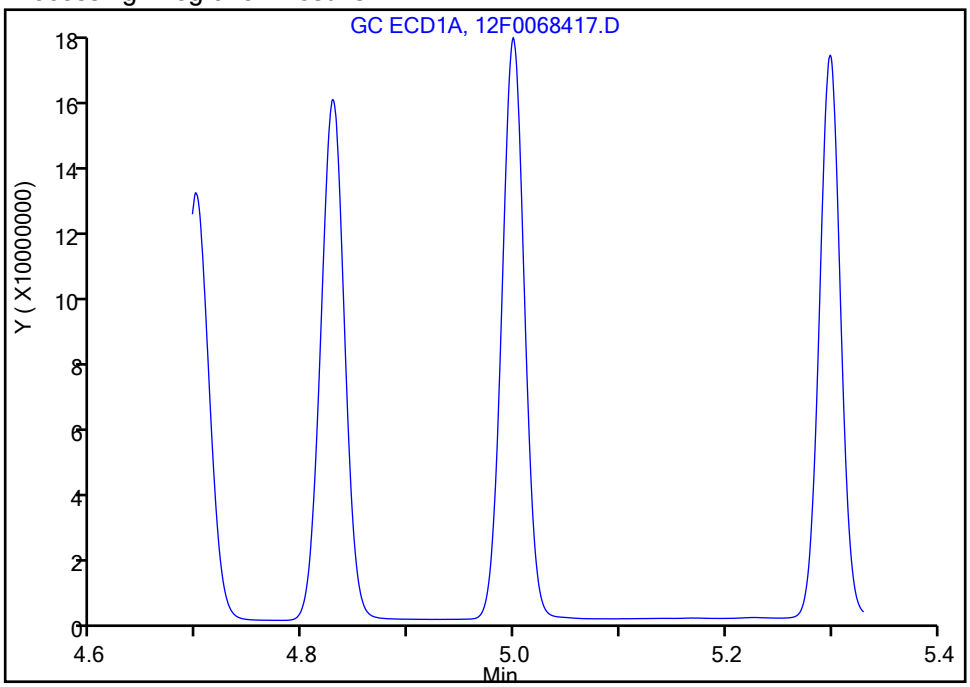
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

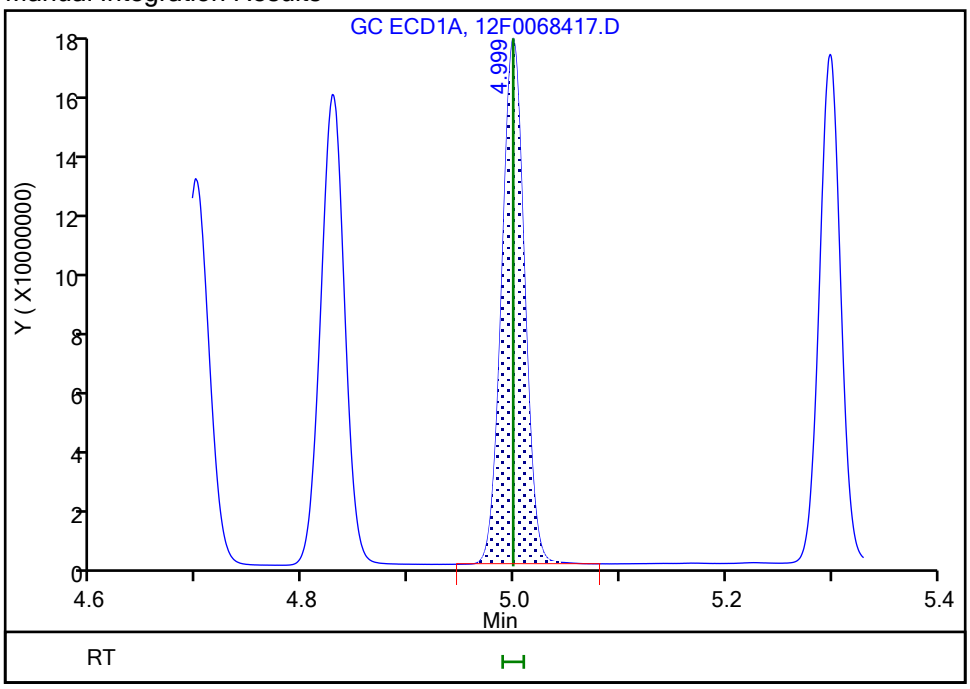
Not Detected
Expected RT: 5.00

Processing Integration Results




Manual Integration Results

RT: 5.00
Area: 248644720
Amount: 98.821424
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:31 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

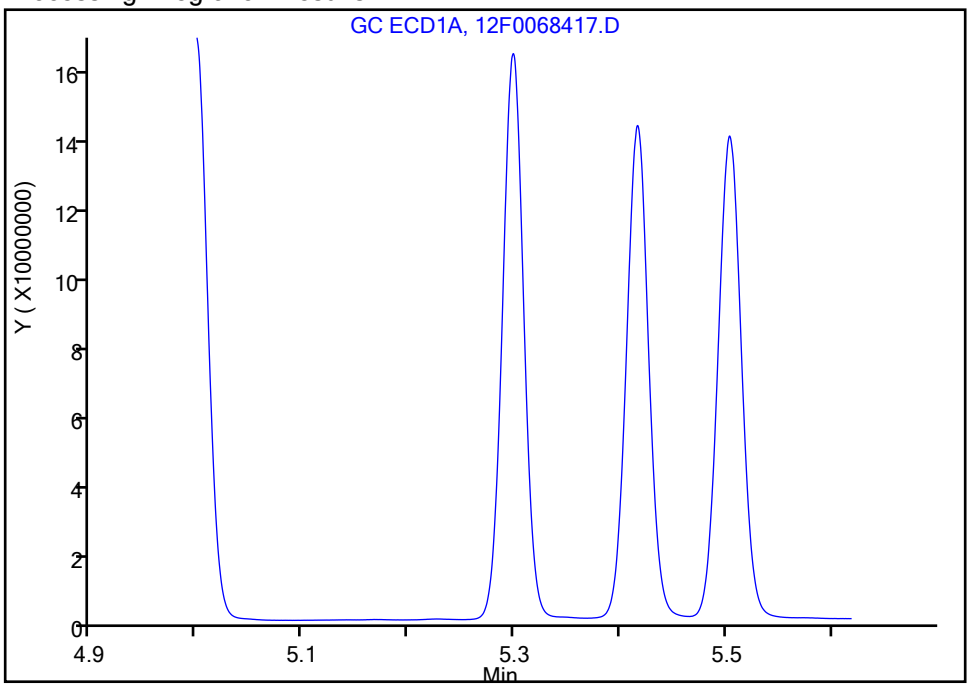
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

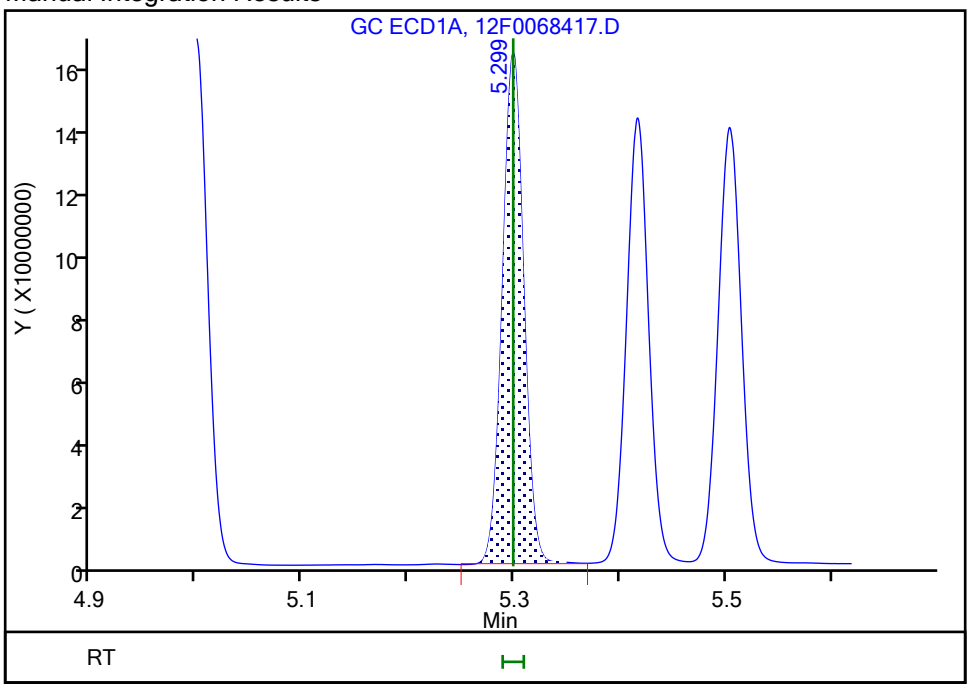
Not Detected
Expected RT: 5.30

Processing Integration Results




Manual Integration Results

RT: 5.30
Area: 225933262
Amount: 106.7700
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

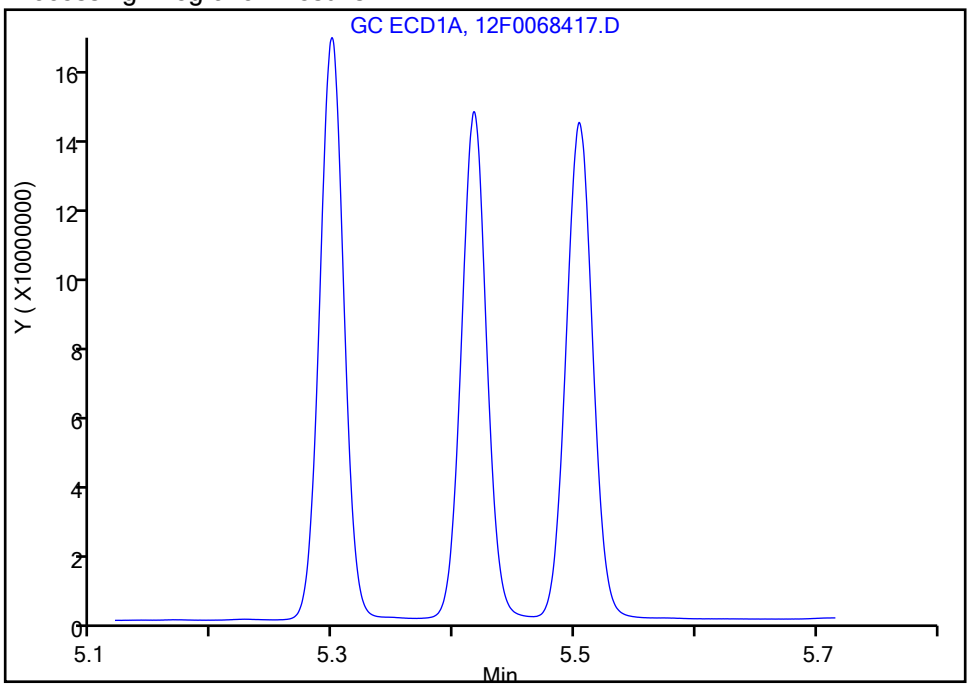
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

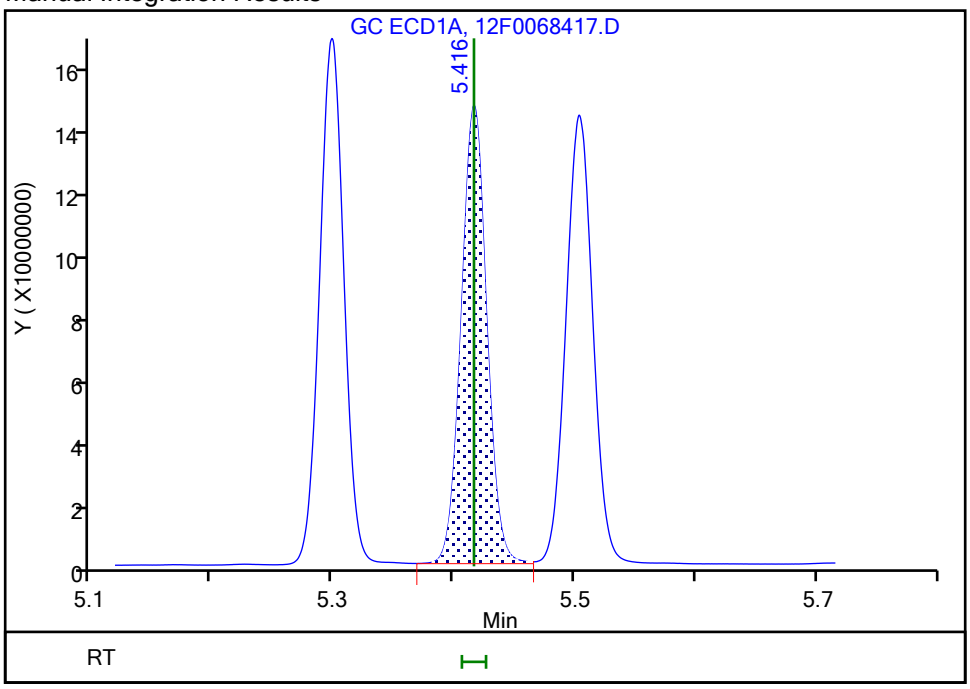
Not Detected
Expected RT: 5.42

Processing Integration Results




Manual Integration Results

RT: 5.42
Area: 204304535
Amount: 92.170028
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

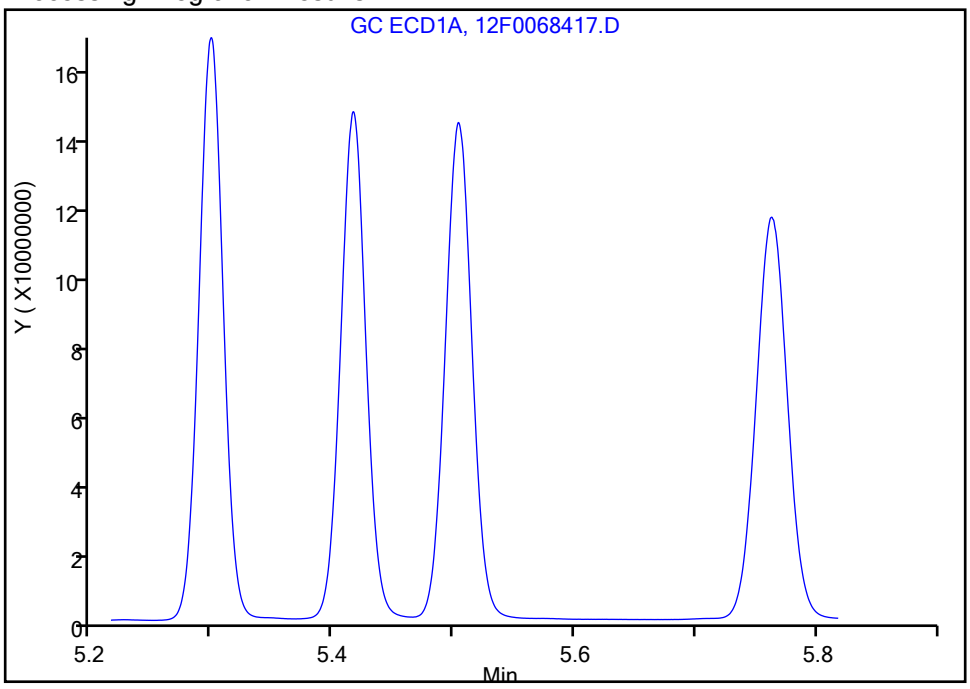
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

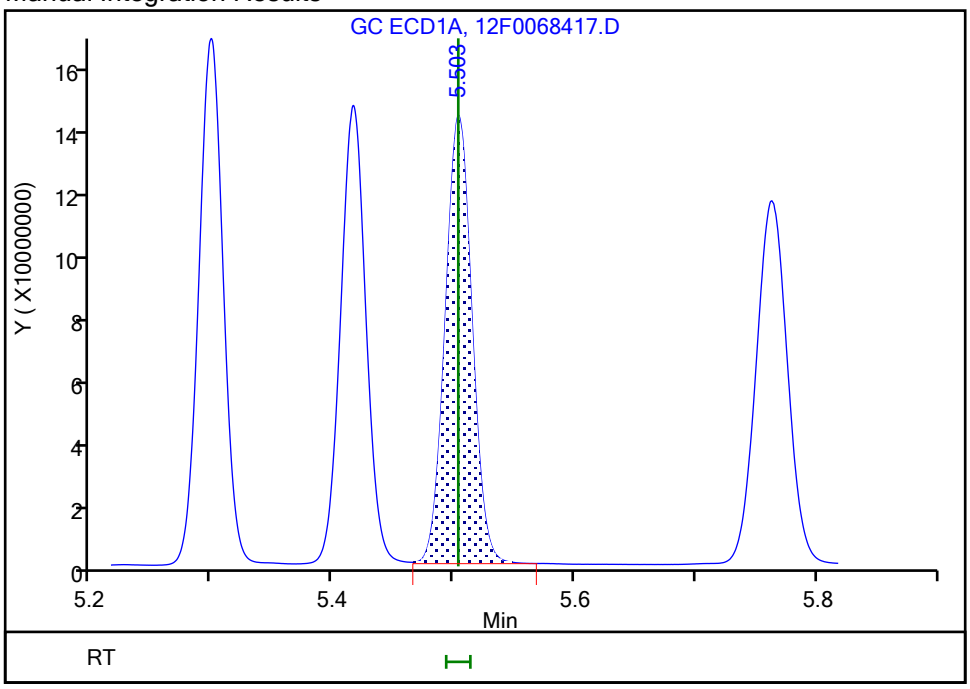
Not Detected
Expected RT: 5.50

Processing Integration Results




Manual Integration Results

RT: 5.50
Area: 210154047
Amount: 106.5750
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

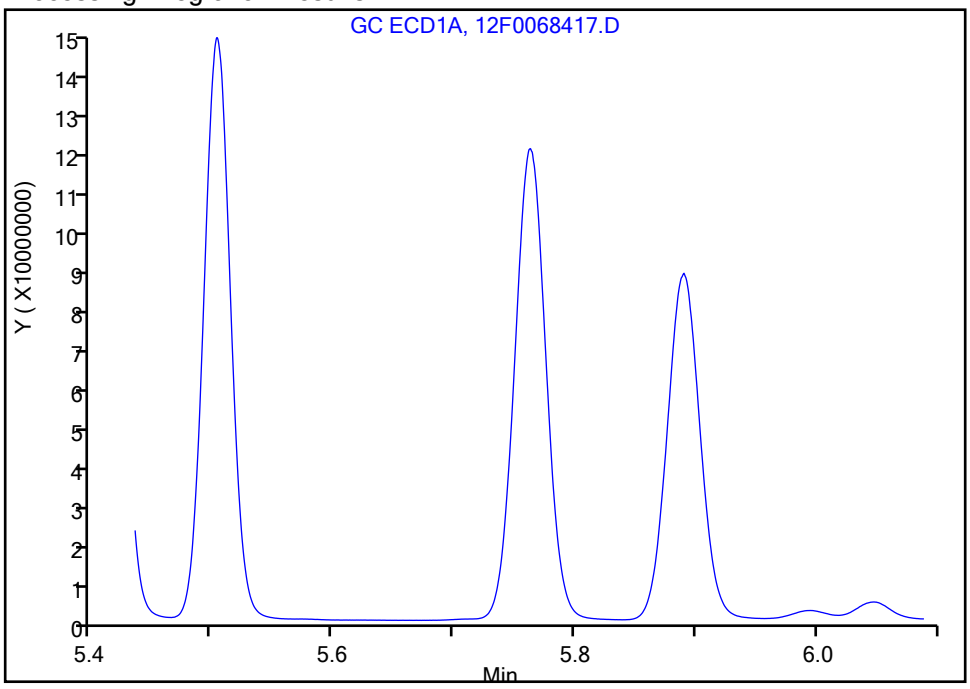
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

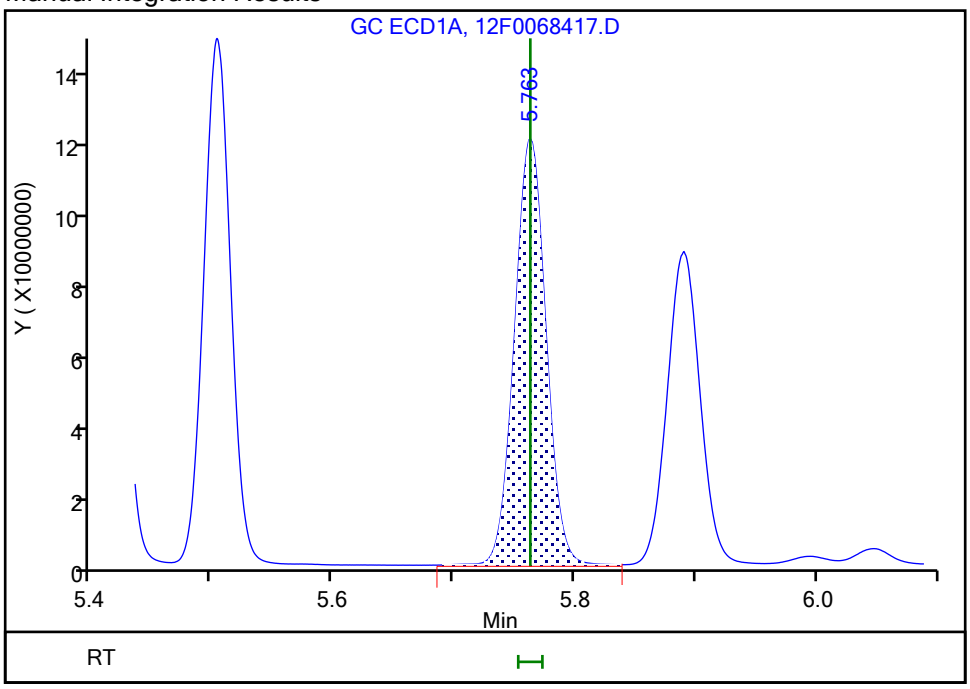
Not Detected
Expected RT: 5.76

Processing Integration Results




Manual Integration Results

RT: 5.76
Area: 201052508
Amount: 113.7503
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:56 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

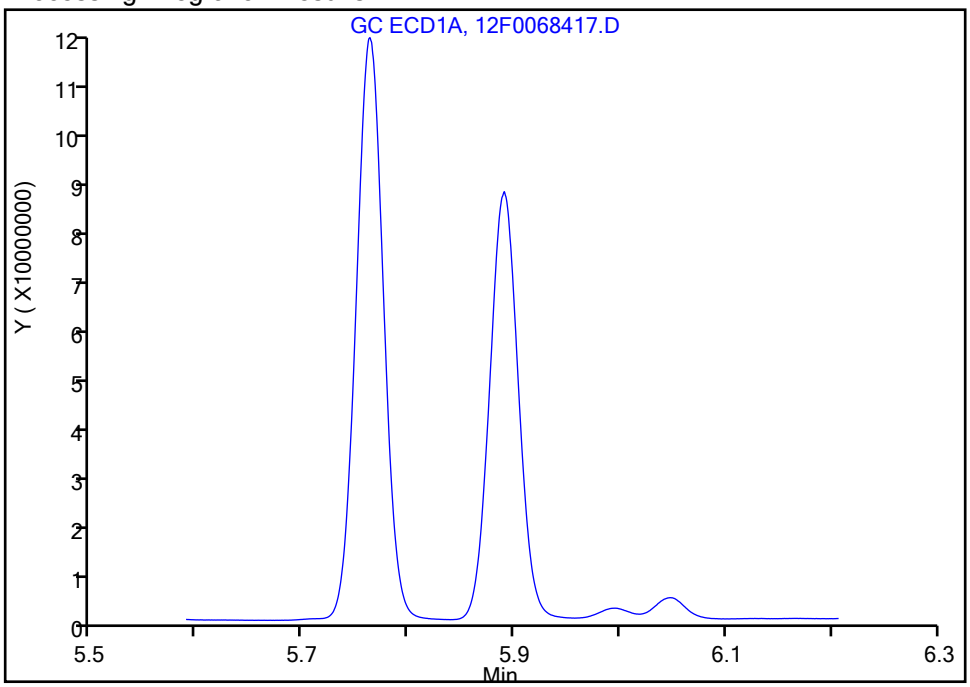
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

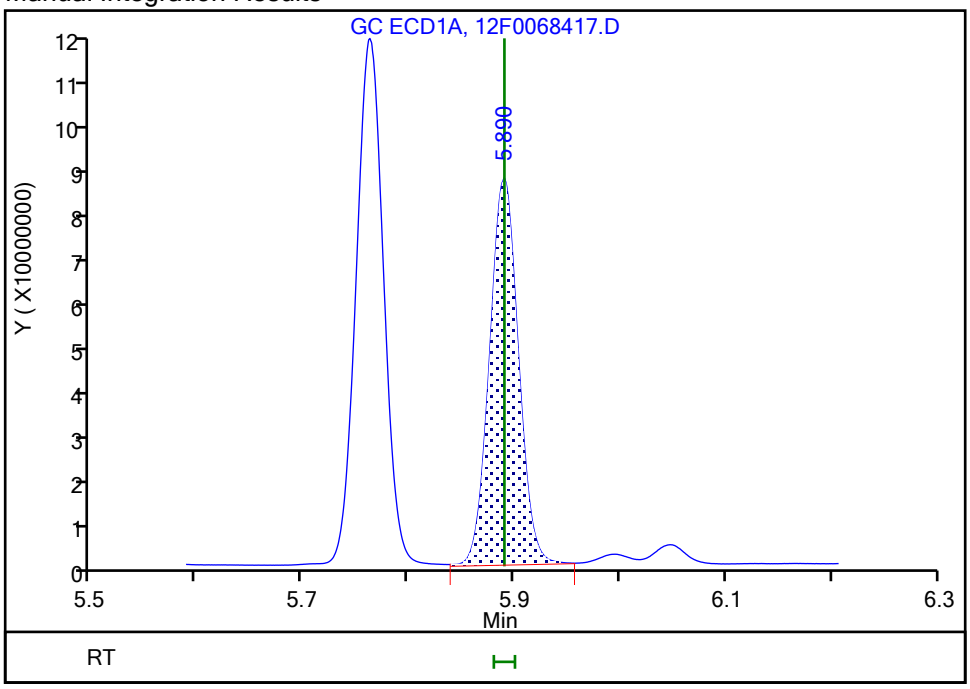
Not Detected
Expected RT: 5.89

Processing Integration Results




Manual Integration Results

RT: 5.89
Area: 154300143
Amount: 96.316173
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:03 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

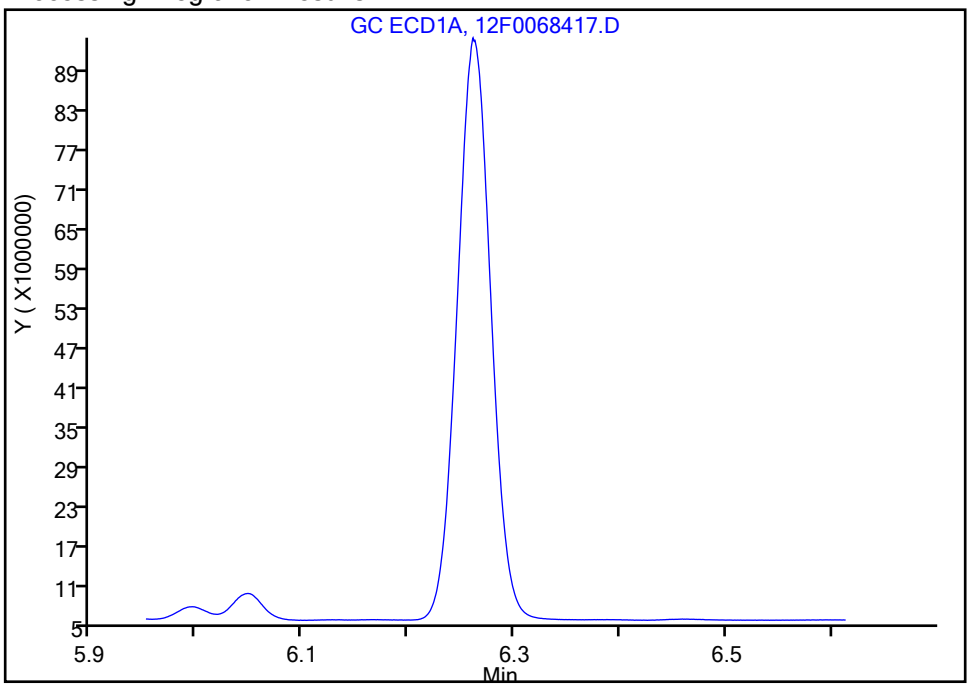
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 1

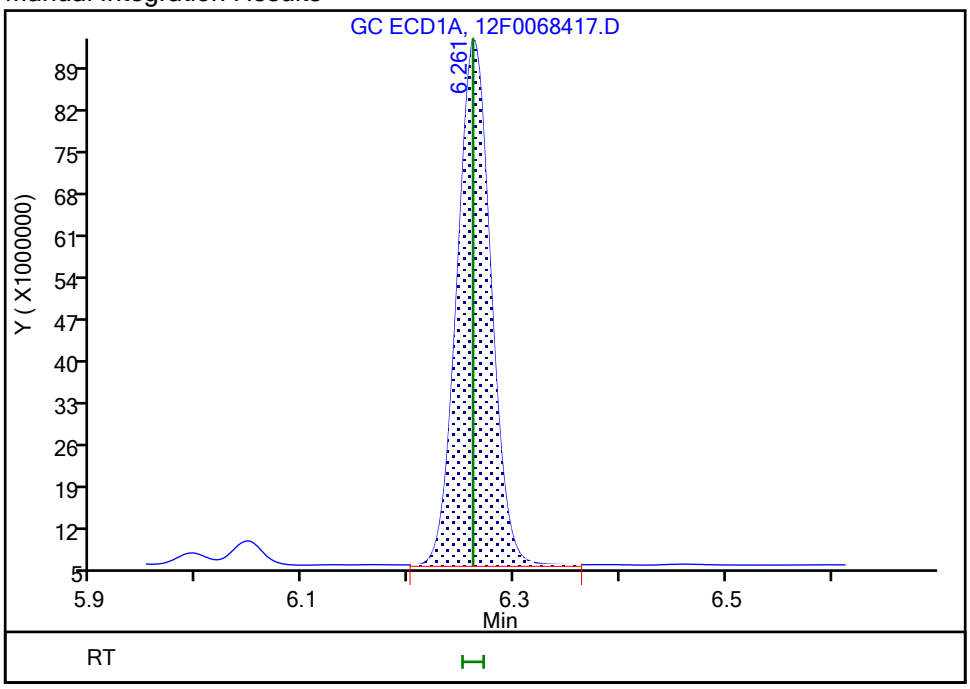
Not Detected
Expected RT: 6.26

Processing Integration Results




Manual Integration Results

RT: 6.26
Area: 194061205
Amount: 97.610861
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

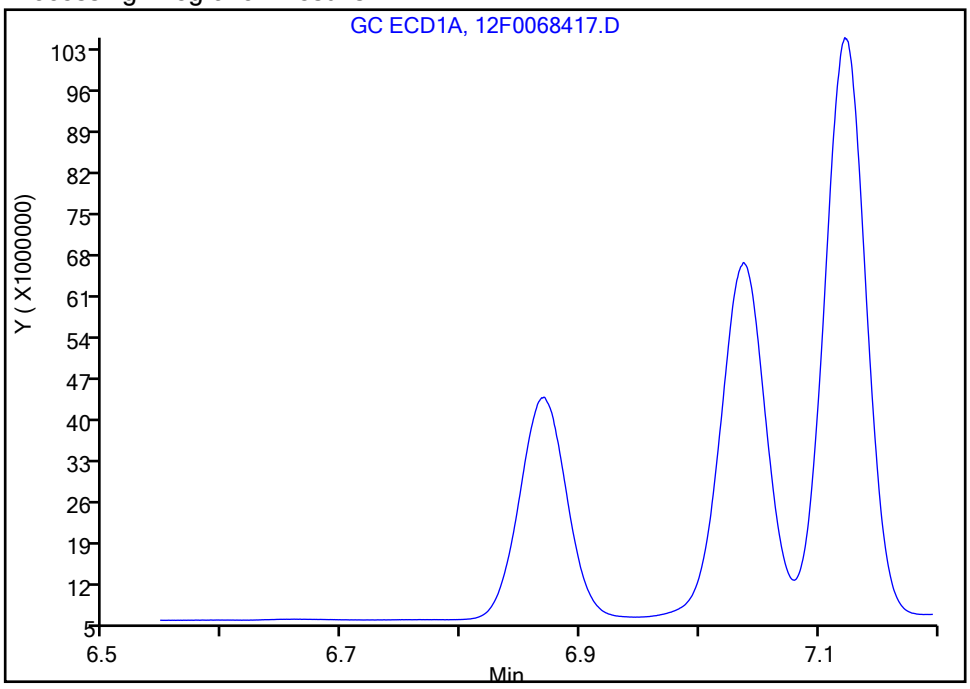
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5

Signal: 1

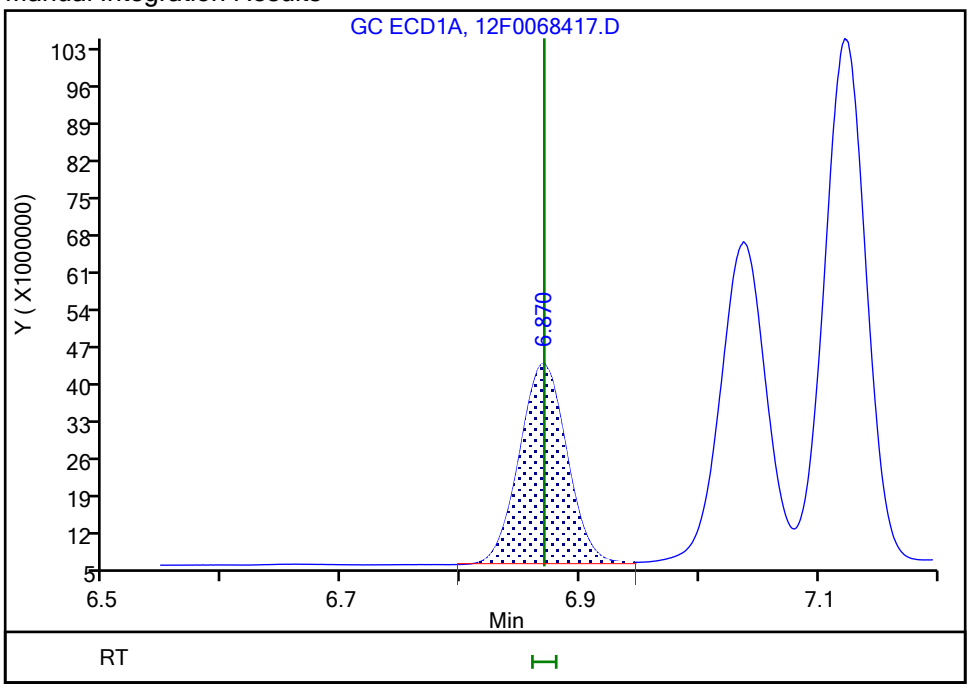
Not Detected
Expected RT: 6.87

Processing Integration Results




Manual Integration Results

RT: 6.87
Area: 104875327
Amount: 110.0155
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

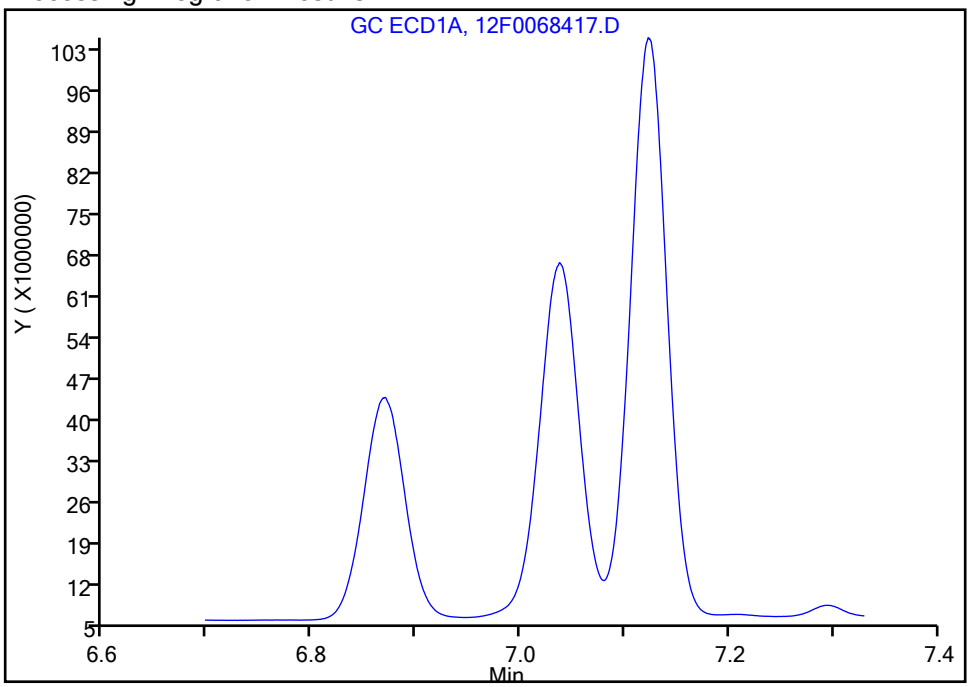
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

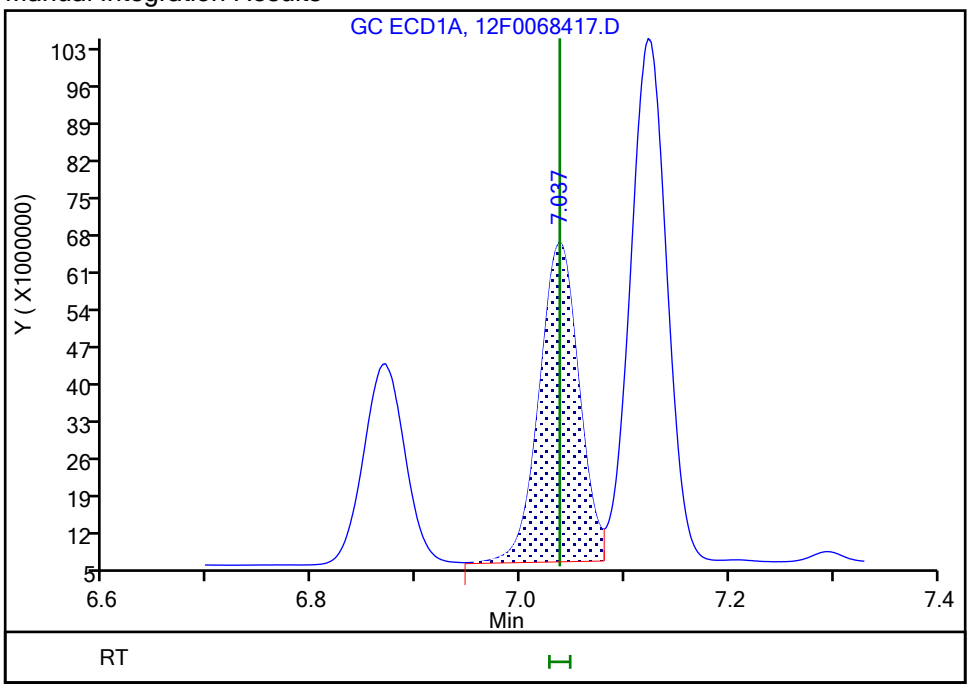
Not Detected
Expected RT: 7.04

Processing Integration Results




Manual Integration Results

RT: 7.04
Area: 160504298
Amount: 100.3909
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:21 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

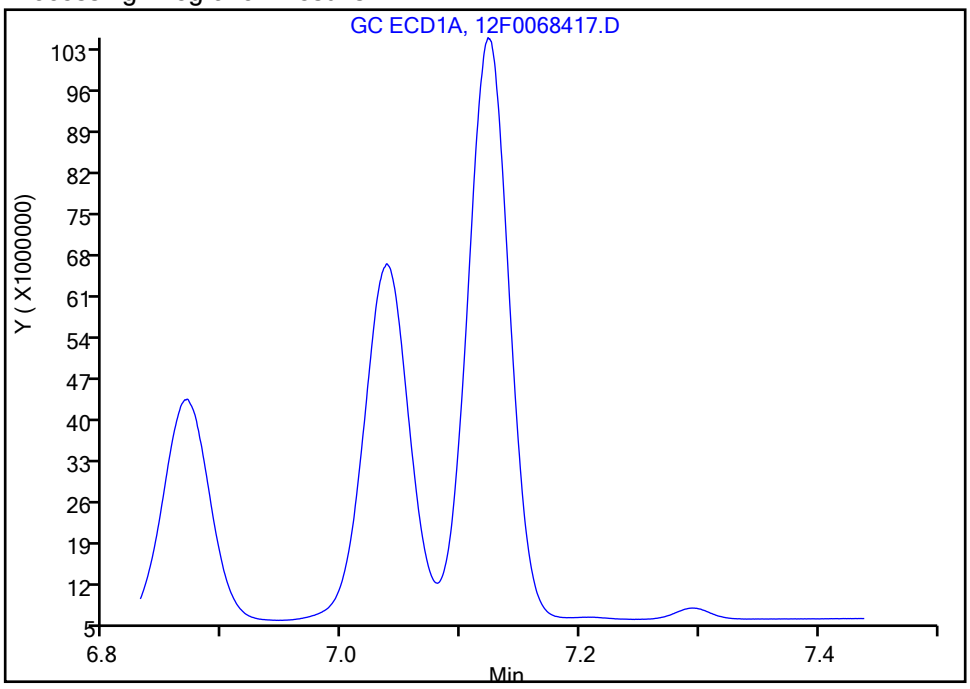
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

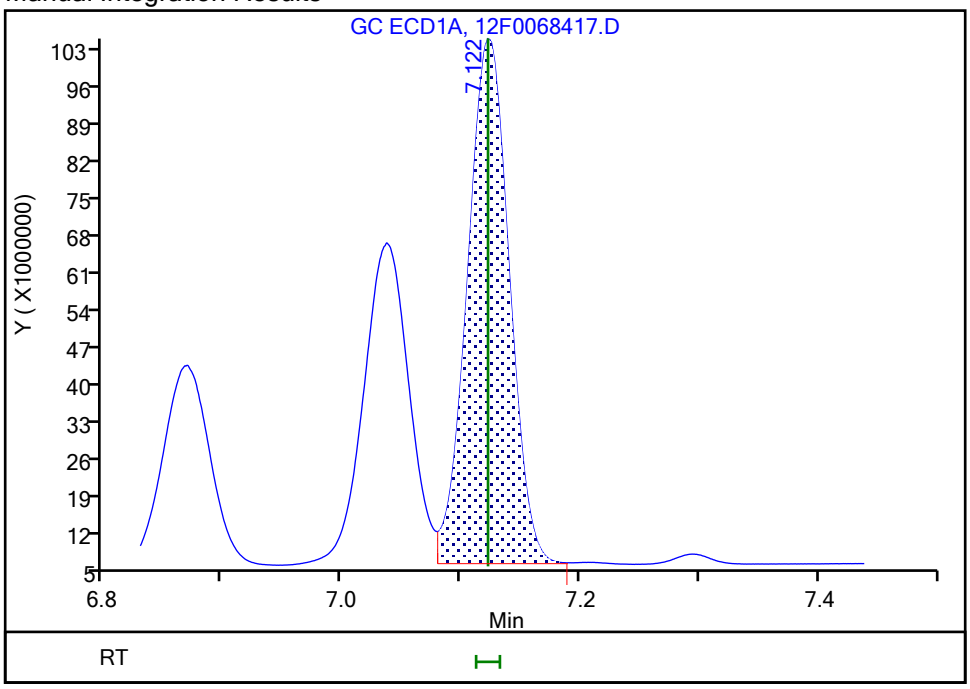
Not Detected
Expected RT: 7.12

Processing Integration Results




Manual Integration Results

RT: 7.12
Area: 240206050
Amount: 110.6482
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020035/3  Calibration Date: 02/07/2025 02:42

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068417.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.866 | 1.916 | | 103 | 100 | 2.7 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.927 | 1.702 | | 88.3 | 100 | -11.7 | 20.0 |
| beta-BHC | Ave | 0.6099 | 0.6541 | | 107 | 100 | 7.2 | 20.0 |
| delta-BHC | Ave | 1.510 | 1.575 | | 104 | 100 | 4.3 | 20.0 |
| Heptachlor | Ave | 1.306 | 1.586 | | 121 | 100 | 21.4* | 20.0 |
| Aldrin | Ave | 1.583 | 1.582 | | 99.9 | 100 | -0.0 | 20.0 |
| Heptachlor epoxide | Ave | 1.290 | 1.338 | | 104 | 100 | 3.7 | 20.0 |
| trans-Chlordane | Ave | 1.272 | 1.373 | | 108 | 100 | 7.9 | 20.0 |
| cis-Chlordane | Ave | 1.262 | 1.345 | | 107 | 100 | 6.5 | 20.0 |
| 4,4'-DDE | Ave | 1.506 | 1.480 | | 98.2 | 100 | -1.8 | 20.0 |
| Endosulfan I | Ave | 1.166 | 1.305 | | 112 | 100 | 11.9 | 20.0 |
| Dieldrin | Ave | 1.358 | 1.467 | | 108 | 100 | 8.0 | 20.0 |
| Endrin | Ave | 1.090 | 1.302 | | 119 | 100 | 19.5 | 20.0 |
| 4,4'-DDD | Ave | 0.9419 | 1.117 | | 119 | 100 | 18.5 | 20.0 |
| Endosulfan II | Ave | 0.9745 | 1.155 | | 118 | 100 | 18.5 | 20.0 |
| 4,4'-DDT | Ave | 0.9186 | 1.127 | | 123 | 100 | 22.7* | 20.0 |
| Endrin aldehyde | Ave | 0.9275 | 0.9344 | | 101 | 100 | 0.7 | 20.0 |
| Methoxychlor | Ave | 0.5405 | 0.6104 | | 113 | 100 | 12.9 | 20.0 |
| Mirex | Ave | 0.8843 | 0.9428 | | 107 | 100 | 6.6 | 20.0 |
| Endosulfan sulfate | Ave | 1.156 | 1.251 | | 108 | 100 | 8.2 | 20.0 |
| Endrin ketone | Ave | 1.215 | 1.520 | | 125 | 100 | 25.1* | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.323 | 1.218 | | 92.1 | 100 | -7.9 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.471 | 1.433 | | 97.4 | 100 | -2.6 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020035/3  Calibration Date: 02/07/2025 02:42

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 09:50

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/22/2025 10:39

Lab File ID: 12F0068417.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.12 | 2.11 | 2.13 |
| gamma-BHC (Lindane) | 2.32 | 2.31 | 2.33 |
| beta-BHC | 2.37 | 2.36 | 2.38 |
| delta-BHC | 2.49 | 2.48 | 2.50 |
| Heptachlor | 2.64 | 2.63 | 2.65 |
| Aldrin | 2.87 | 2.86 | 2.88 |
| Heptachlor epoxide | 3.41 | 3.40 | 3.42 |
| trans-Chlordane | 3.54 | 3.53 | 3.55 |
| cis-Chlordane | 3.69 | 3.68 | 3.70 |
| 4,4'-DDE | 3.79 | 3.78 | 3.80 |
| Endosulfan I | 3.85 | 3.84 | 3.86 |
| Dieldrin | 4.13 | 4.12 | 4.14 |
| Endrin | 4.39 | 4.38 | 4.40 |
| 4,4'-DDD | 4.49 | 4.48 | 4.50 |
| Endosulfan II | 4.65 | 4.64 | 4.66 |
| 4,4'-DDT | 4.80 | 4.79 | 4.81 |
| Endrin aldehyde | 5.06 | 5.05 | 5.07 |
| Methoxychlor | 5.28 | 5.27 | 5.29 |
| Mirex | 5.35 | 5.34 | 5.36 |
| Endosulfan sulfate | 5.46 | 5.45 | 5.47 |
| Endrin ketone | 5.73 | 5.72 | 5.74 |
| Tetrachloro-m-xylene | 1.81 | 1.80 | 1.82 |
| DCB Decachlorobiphenyl | 7.33 | 7.32 | 7.34 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 02:42:49 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-003
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:32 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:08:23

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.513 | 1.513 | 0.000 | 196243047 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 460839178 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | a |
| 1 | 2.030 | 2.030 | 0.000 | 205145762 | 100.0 | 82.4 | a |
| 2 | 1.809 | 1.809 | 0.000 | 561154377 | 100.0 | 92.1 | a |
| | | | | | | RPD = 11.08 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.452 | 2.452 | 0.000 | 324083417 | 100.0 | 97.6 | |
| 2 | 2.124 | 2.124 | 0.000 | 883089706 | 100.0 | 102.7 | |
| | | | | | | RPD = 5.07 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.745 | 2.745 | 0.000 | 293734497 | 100.0 | 102.5 | M |
| 2 | 2.319 | 2.319 | 0.000 | 784314473 | 100.0 | 88.3 | |
| | | | | | | RPD = 14.82 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.799 | 0.000 | 122065331 | 100.0 | 98.1 | M |
| 2 | 2.365 | 2.365 | 0.000 | 301419366 | 100.0 | 107.2 | |
| | | | | | | RPD = 8.95 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.092 | 3.092 | 0.000 | 256676116 | 100.0 | 92.3 | |
| 2 | 2.486 | 2.486 | 0.000 | 726017969 | 100.0 | 104.3 | |
| | | | | | | RPD = 12.20 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.179 | 3.179 | 0.000 | 270415698 | 100.0 | 111.5 | |
| 2 | 2.640 | 2.640 | 0.000 | 730702981 | 100.0 | 121.4 | |
| | | | | | | RPD = 8.54 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | a |
| 1 | 3.550 | 3.550 | 0.000 | 275017902 | 100.0 | 94.3 | a |
| 2 | 2.868 | 2.868 | 0.000 | 728974131 | 100.0 | 99.9 | a |
| | | | | | | RPD = 5.79 | |
| 12 Heptachlor epoxide | | | | | | | a |
| 1 | 4.208 | 4.208 | 0.000 | 226931169 | 100.0 | 97.2 | a |
| 2 | 3.410 | 3.410 | 0.000 | 616442224 | 100.0 | 103.7 | a |
| | | | | | | RPD = 6.46 | |
| 9 trans-Chlordane | | | | | | | a |
| 1 | 4.437 | 4.437 | 0.000 | 230953054 | 100.0 | 99.8 | a |
| 2 | 3.544 | 3.544 | 0.000 | 632886232 | 100.0 | 107.9 | a |
| | | | | | | RPD = 7.80 | |
| 23 cis-Chlordane | | | | | | | Ma |
| 1 | 4.626 | 4.626 | 0.000 | 217362017 | 100.0 | 93.9 | M |
| 2 | 3.692 | 3.692 | 0.000 | 619614452 | 100.0 | 106.5 | a |
| | | | | | | RPD = 12.57 | |
| 7 Endosulfan I | | | | | | | Ma |
| 1 | 4.698 | 4.698 | 0.000 | 212486677 | 100.0 | 98.8 | M |
| 2 | 3.847 | 3.847 | 0.000 | 601555643 | 100.0 | 111.9 | a |
| | | | | | | RPD = 12.52 | |
| 25 4,4'-DDE | | | | | | | a |
| 1 | 4.828 | 4.828 | 0.000 | 235690517 | 100.0 | 92.6 | a |
| 2 | 3.789 | 3.789 | 0.000 | 681817895 | 100.0 | 98.2 | a |
| | | | | | | RPD = 5.92 | |
| 30 Dieldrin | | | | | | | a |
| 1 | 4.999 | 4.999 | 0.000 | 248644720 | 100.0 | 98.8 | a |
| 2 | 4.125 | 4.125 | 0.000 | 675920196 | 100.0 | 108.0 | a |
| | | | | | | RPD = 8.90 | |
| 20 Endrin | | | | | | | Ma |
| 1 | 5.299 | 5.299 | 0.000 | 225933262 | 100.0 | 106.8 | a |
| 2 | 4.388 | 4.388 | 0.000 | 600067344 | 100.0 | 119.5 | M |
| | | | | | | RPD = 11.23 | |
| 16 4,4'-DDD | | | | | | | Ma |
| 1 | 5.416 | 5.416 | 0.000 | 204304535 | 100.0 | 92.2 | a |
| 2 | 4.485 | 4.485 | 0.000 | 514587182 | 100.0 | 118.5 | M |
| | | | | | | RPD = 25.04 | |
| 11 Endosulfan II | | | | | | | Ma |
| 1 | 5.503 | 5.503 | 0.000 | 210154047 | 100.0 | 106.6 | a |
| 2 | 4.646 | 4.646 | 0.000 | 532045828 | 100.0 | 118.5 | M |
| | | | | | | RPD = 10.57 | |
| 21 4,4'-DDT | | | | | | | a |
| 1 | 5.763 | 5.763 | 0.000 | 201052508 | 100.0 | 113.8 | a |
| 2 | 4.800 | 4.800 | 0.000 | 519592650 | 100.0 | 122.7 | a |
| | | | | | | RPD = 7.61 | |
| 5 Endrin aldehyde | | | | | | | a |
| 1 | 5.890 | 5.890 | 0.000 | 154300143 | 100.0 | 96.3 | a |
| 2 | 5.061 | 5.061 | 0.000 | 430621248 | 100.0 | 100.7 | a |
| | | | | | | RPD = 4.50 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | a |
| 1 | 6.261 | 6.261 | 0.000 | 194061205 | 100.0 | 97.6 | a |
| 2 | 5.456 | 5.456 | 0.000 | 576500632 | 100.0 | 108.2 | a |
| | | | | | | RPD = 10.32 | |
| 10 Methoxychlor | | | | | | | a |
| 1 | 6.870 | 6.870 | 0.000 | 104875327 | 100.0 | 110.0 | a |
| 2 | 5.282 | 5.282 | 0.000 | 281306904 | 100.0 | 112.9 | a |
| | | | | | | RPD = 2.63 | |
| 34 Mirex | | | | | | | a |
| 1 | 7.037 | 7.037 | 0.000 | 160504298 | 100.0 | 100.4 | a |
| 2 | 5.349 | 5.349 | 0.000 | 434492717 | 100.0 | 106.6 | a |
| | | | | | | RPD = 6.01 | |
| 13 Endrin ketone | | | | | | | a |
| 1 | 7.122 | 7.122 | 0.000 | 240206050 | 100.0 | 110.6 | a |
| 2 | 5.730 | 5.730 | 0.000 | 700364947 | 100.0 | 125.1 | a |
| | | | | | | RPD = 12.29 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.316 | 8.316 | 0.000 | 183002814 | 100.0 | 93.8 | |
| 2 | 7.328 | 7.328 | 0.000 | 660246596 | 100.0 | 97.4 | |
| | | | | | | RPD = 3.83 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

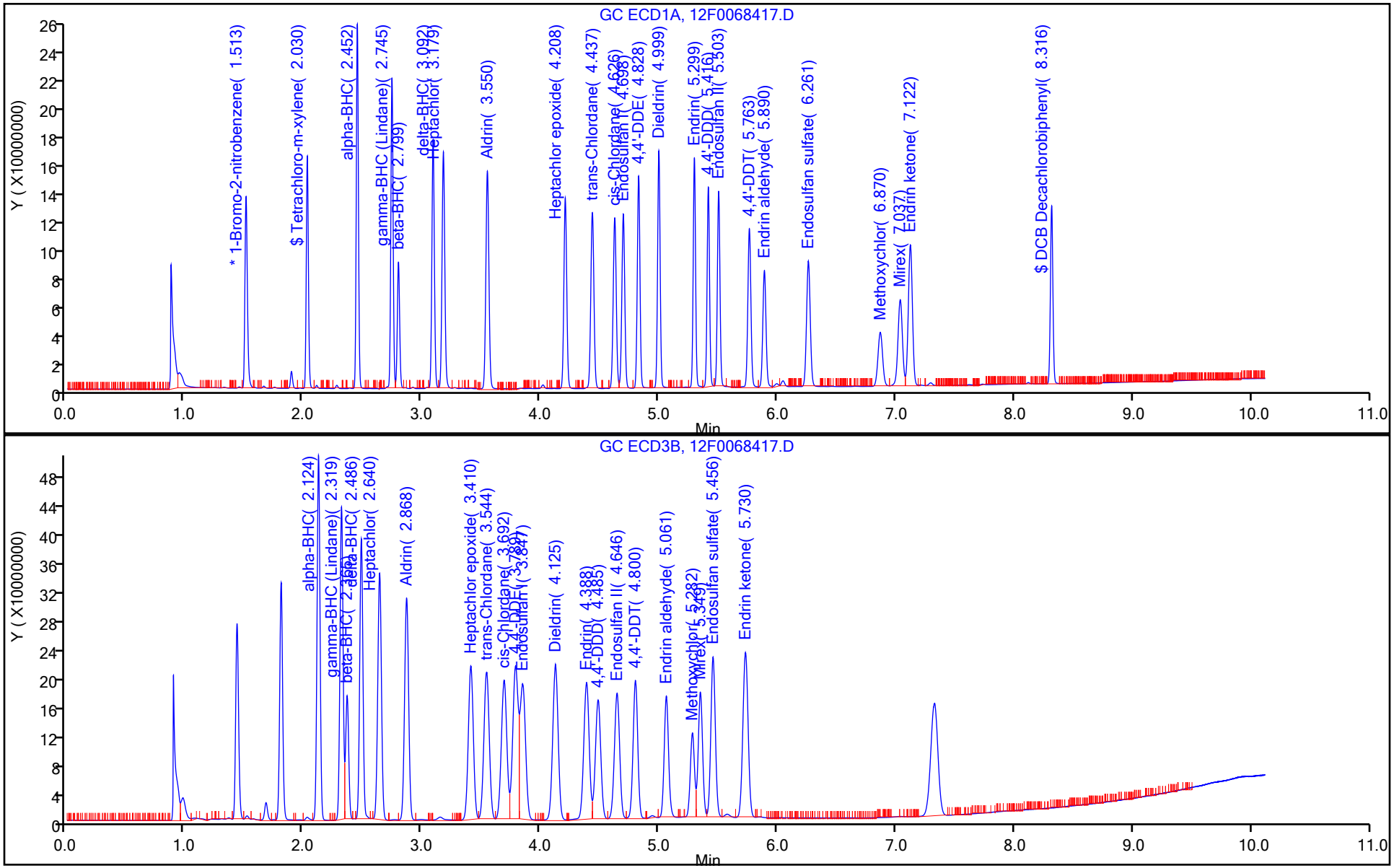
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:34 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:42:49 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

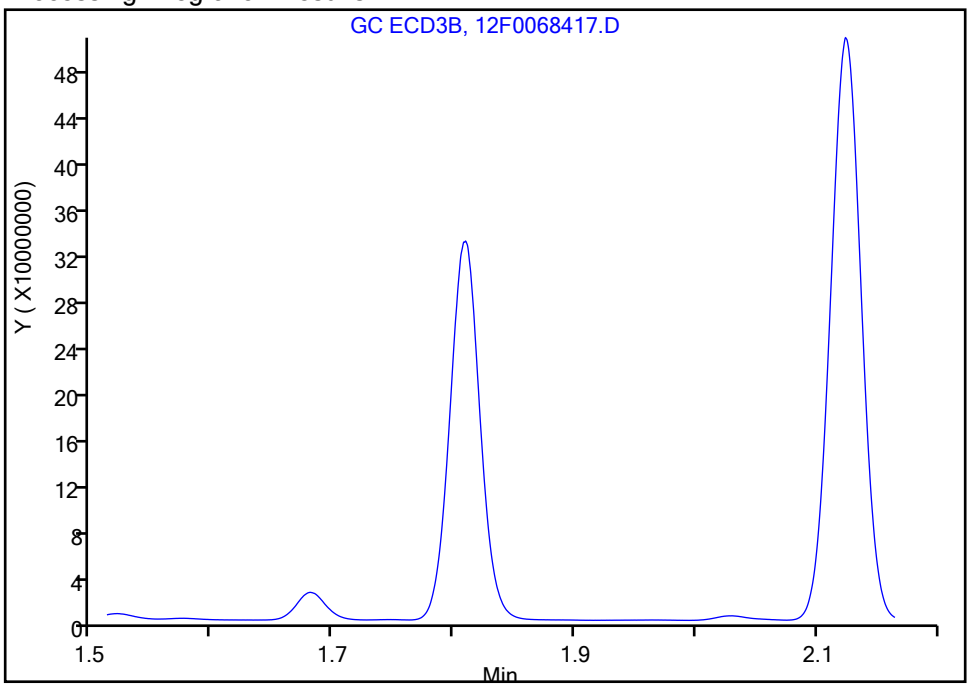
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## $ 4 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

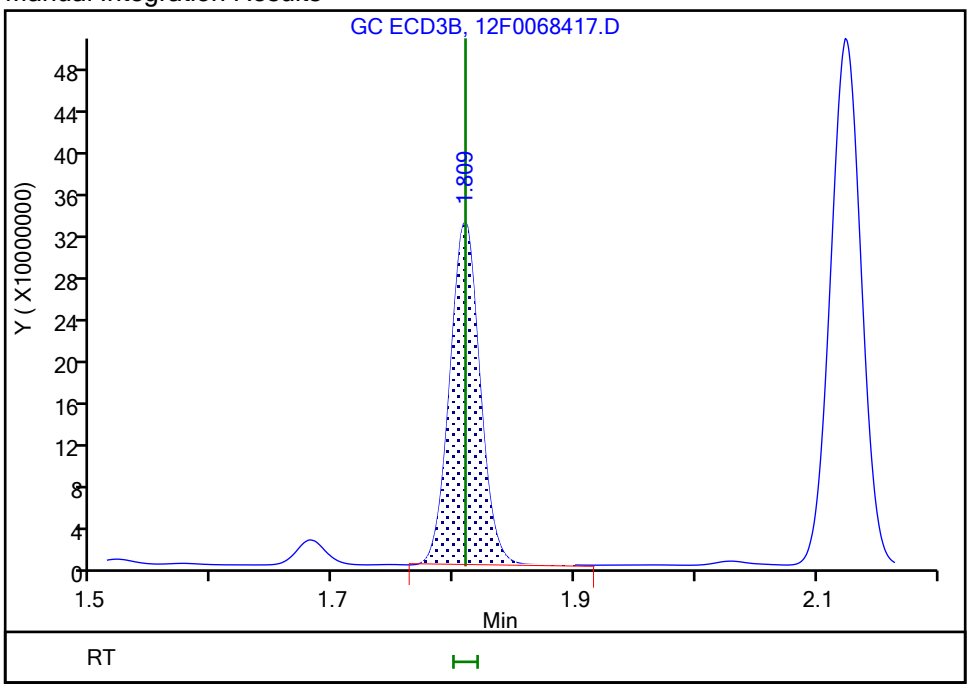
Not Detected
Expected RT: 1.81

Processing Integration Results




Manual Integration Results

RT: 1.81
Area: 561154377
Amount: 92.073226
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

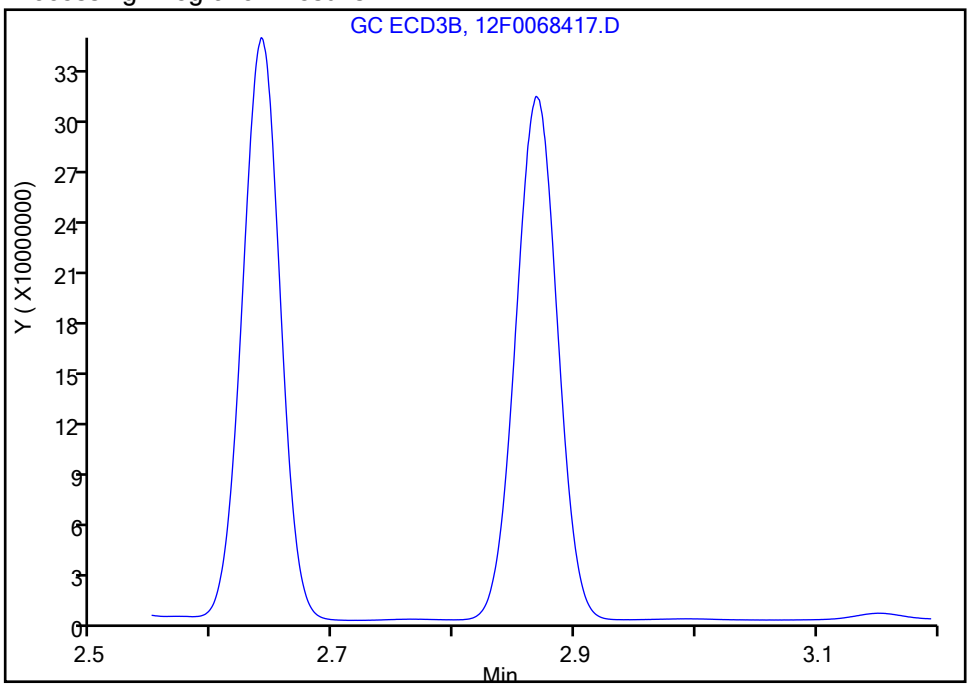
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 8 Aldrin, CAS: 309-00-2

Signal: 2

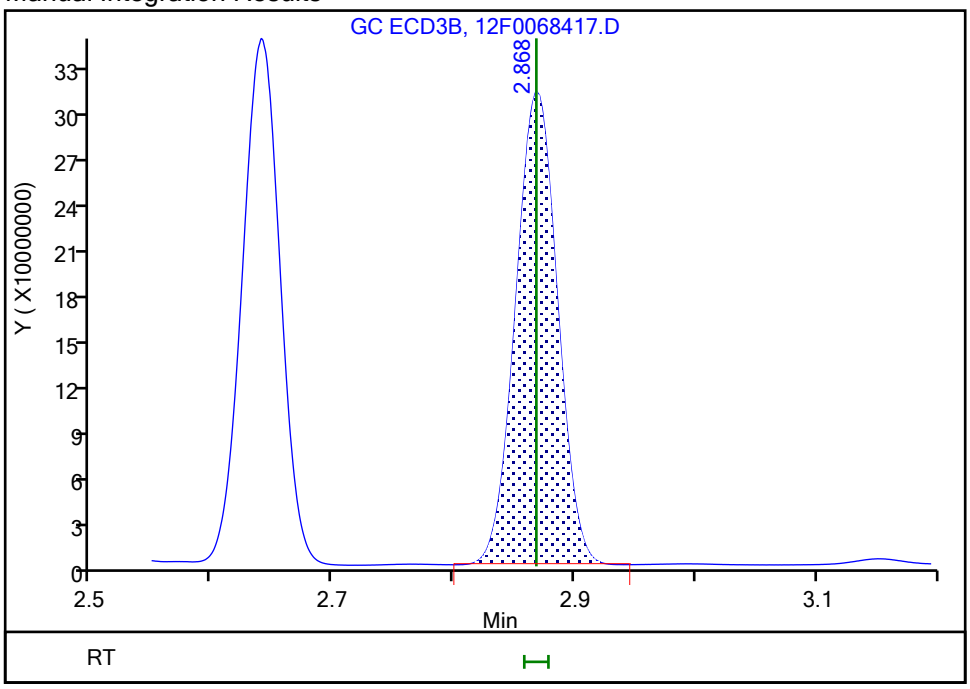
Not Detected
Expected RT: 2.87

Processing Integration Results




Manual Integration Results

RT: 2.87
Area: 728974131
Amount: 99.946907
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:48 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

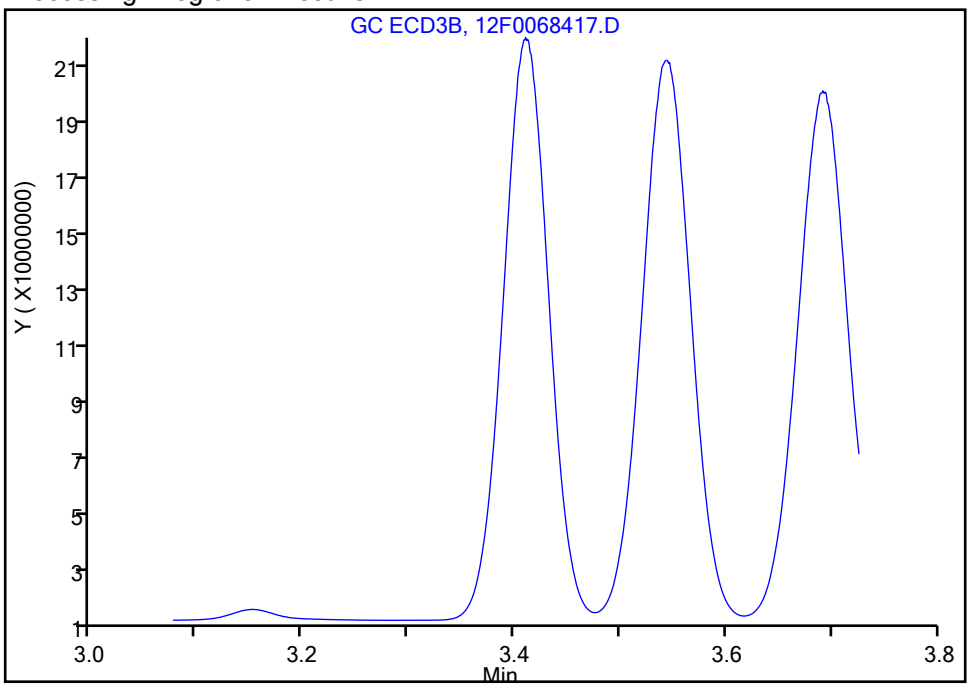
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3

Signal: 2

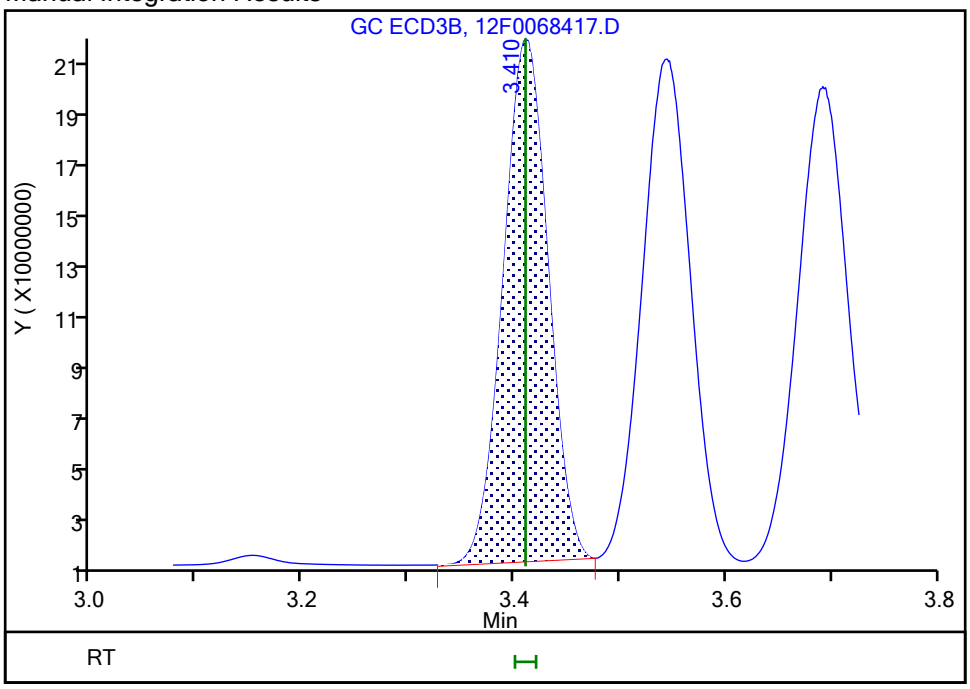
Not Detected
Expected RT: 3.41

Processing Integration Results




Manual Integration Results

RT: 3.41
Area: 616442224
Amount: 103.6715
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:04:55 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

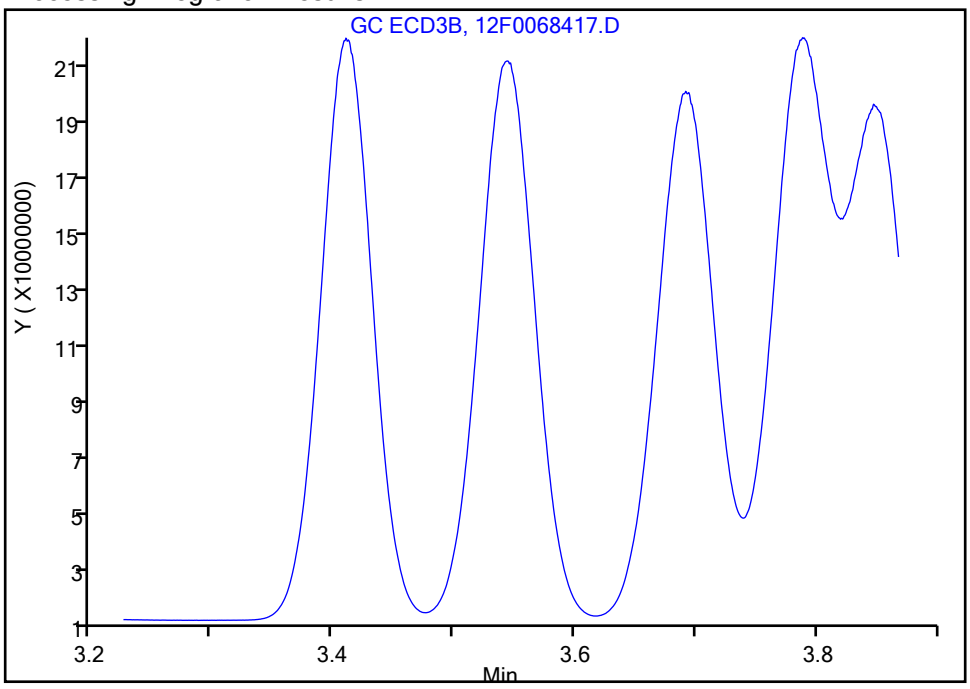
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 9 trans-Chlordane, CAS: 5103-74-2

Signal: 2

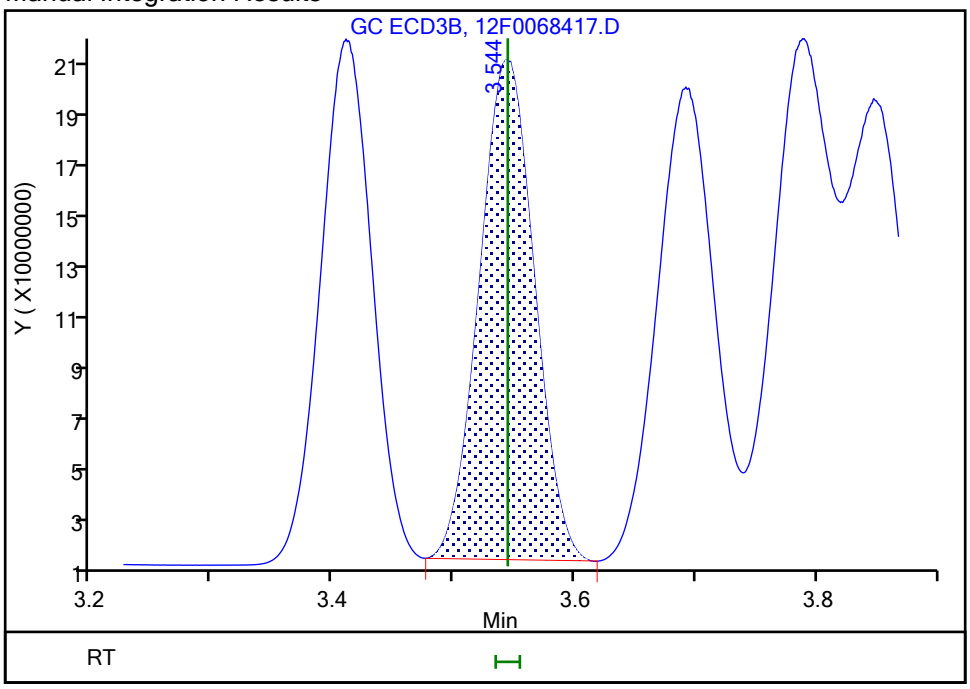
Not Detected
Expected RT: 3.54

Processing Integration Results




Manual Integration Results

RT: 3.54
Area: 632886232
Amount: 107.9275
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:01 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

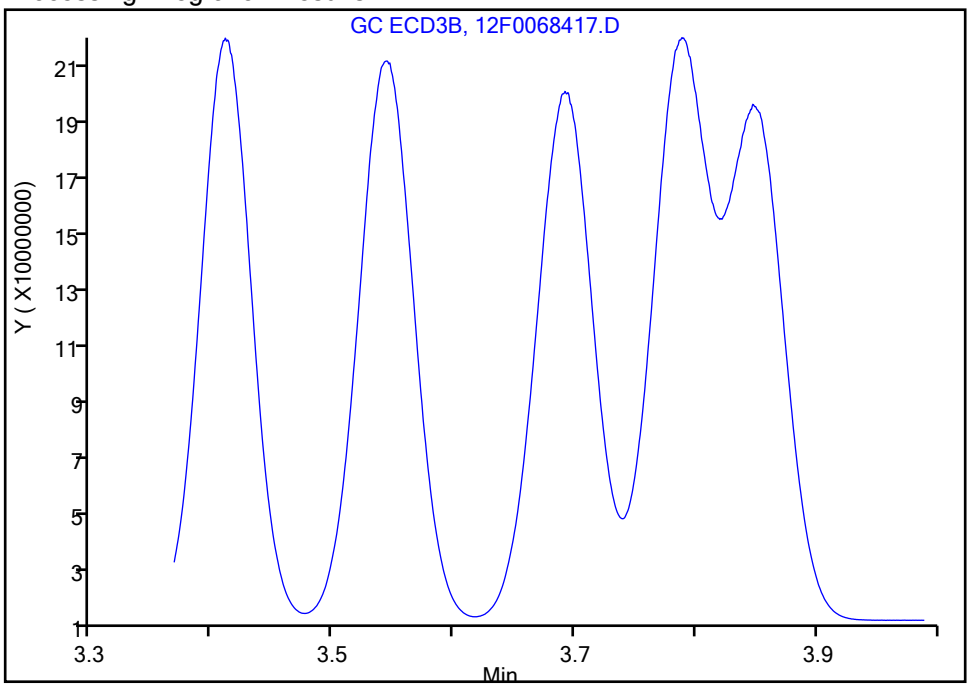
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 2

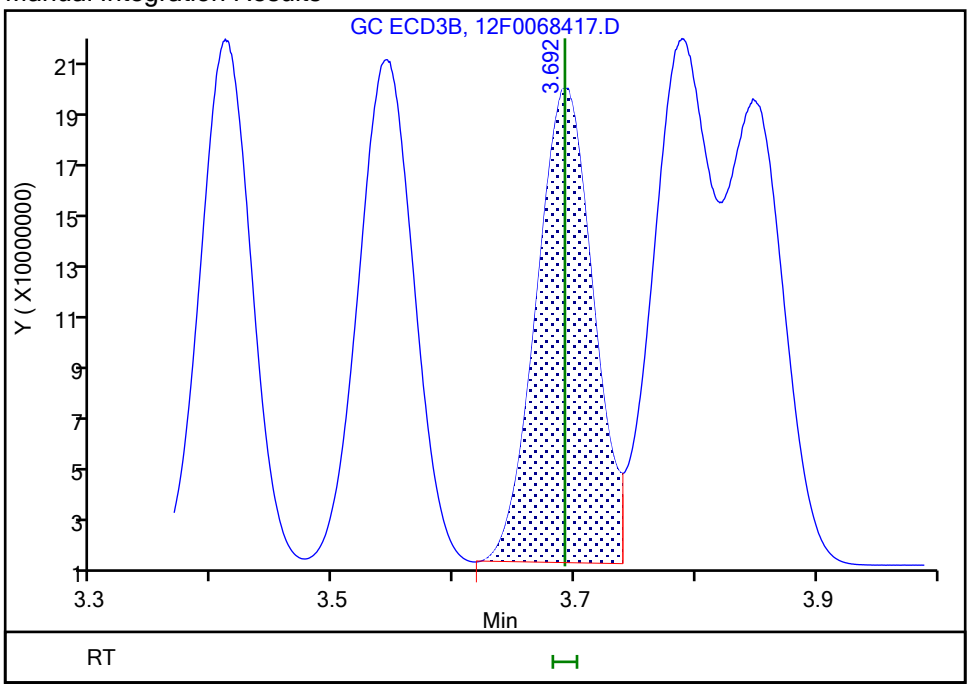
Not Detected
Expected RT: 3.69

Processing Integration Results




Manual Integration Results

RT: 3.69
Area: 619614452
Amount: 106.5233
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:09 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

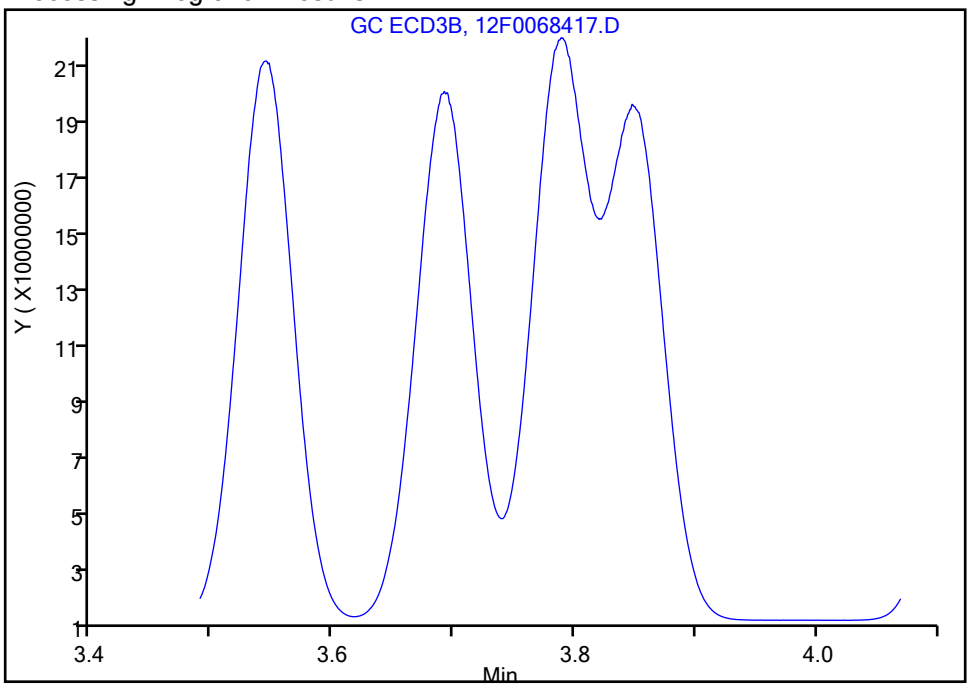
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

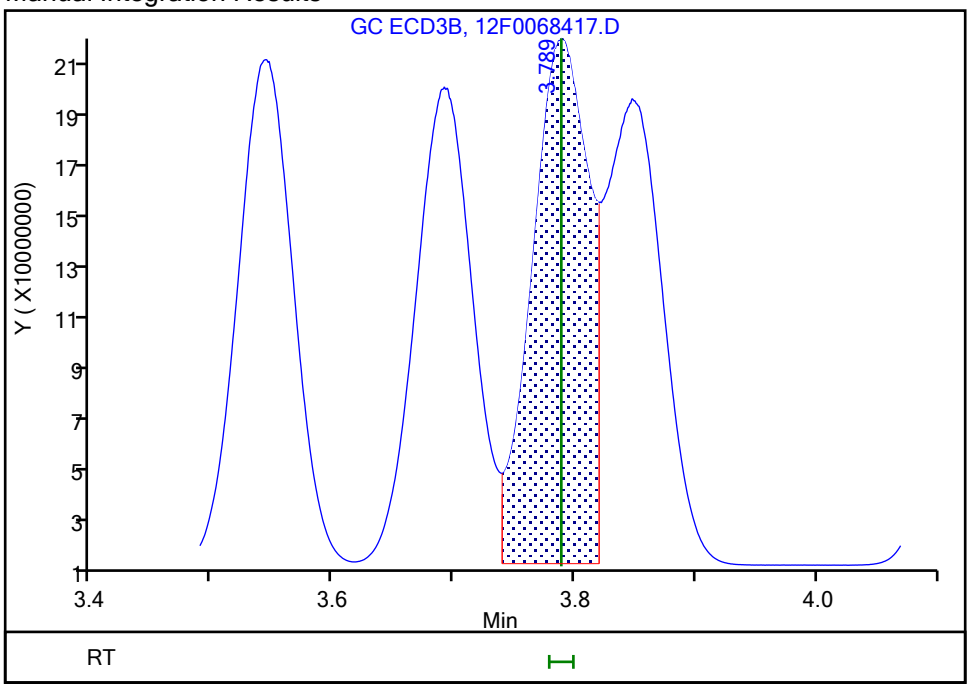
Not Detected
Expected RT: 3.79

Processing Integration Results




Manual Integration Results

RT: 3.79
Area: 681817895
Amount: 98.219947
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:22 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

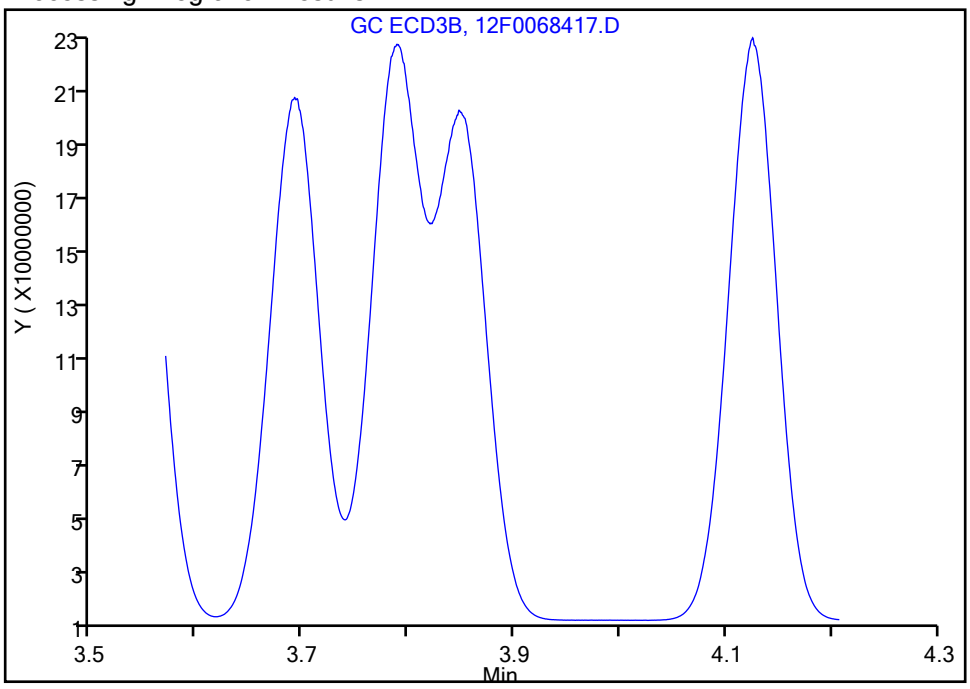
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

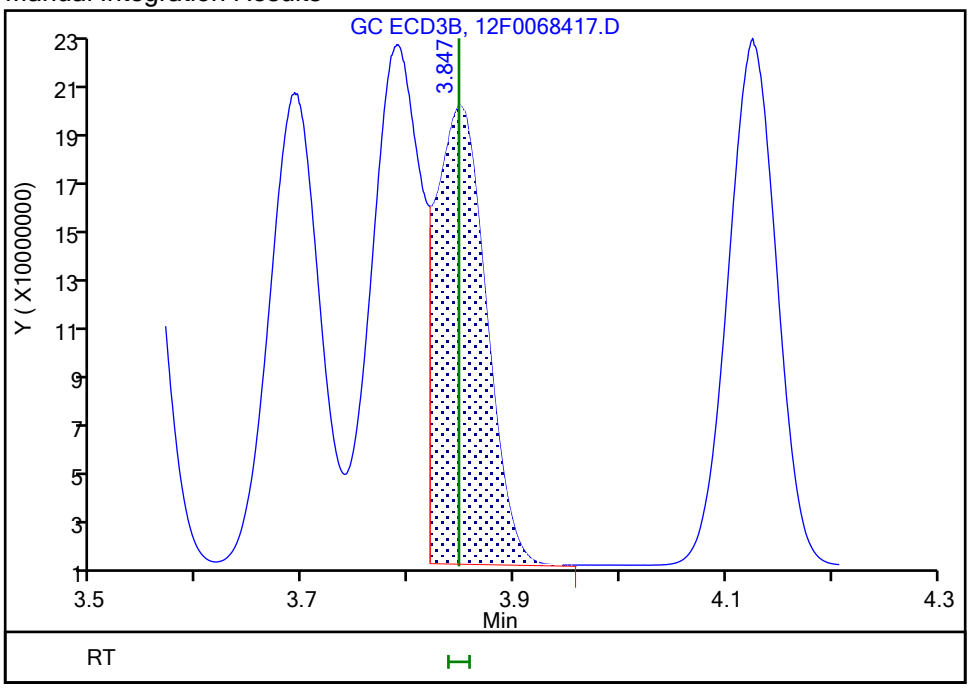
Not Detected
Expected RT: 3.85

Processing Integration Results




Manual Integration Results

RT: 3.85
Area: 601555643
Amount: 111.9433
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:15 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

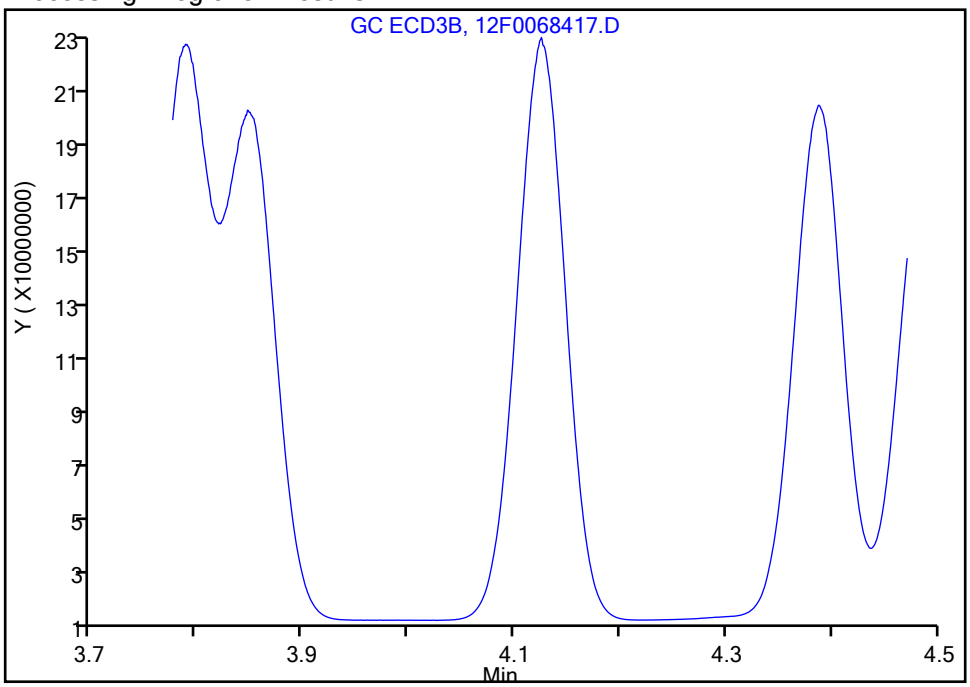
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1

Signal: 2

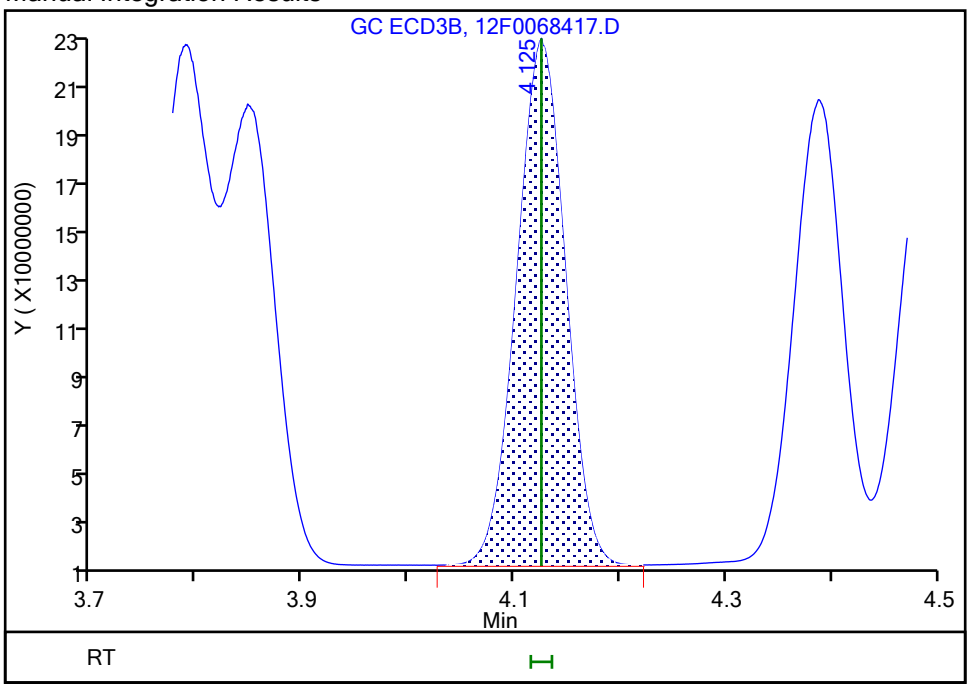
Not Detected
Expected RT: 4.13

Processing Integration Results




Manual Integration Results

RT: 4.13
Area: 675920196
Amount: 108.0212
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:28 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

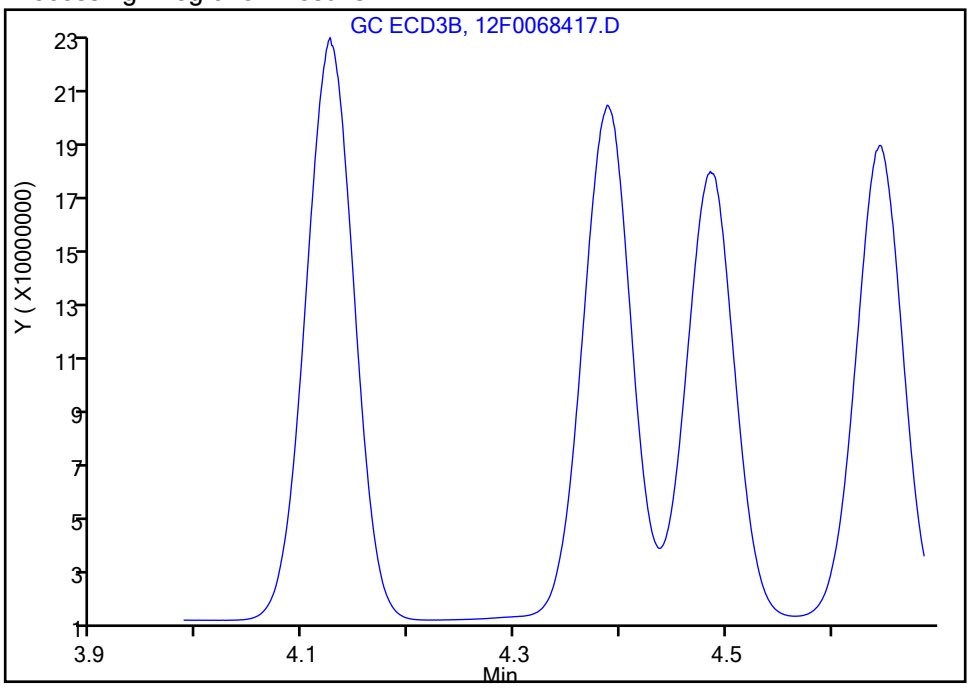
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8

Signal: 2

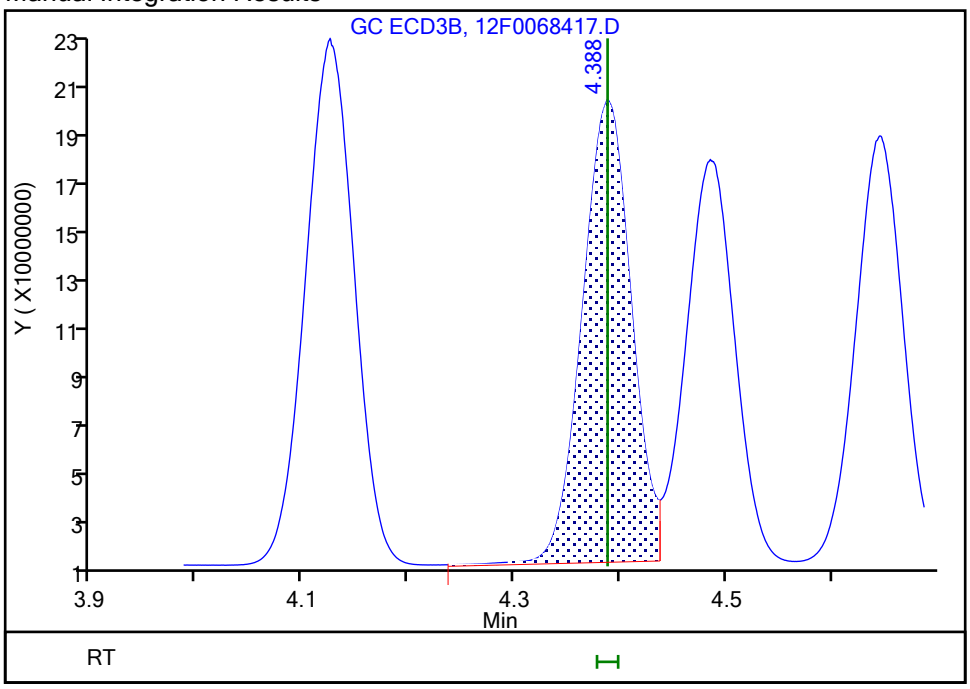
Not Detected
Expected RT: 4.39

Processing Integration Results




Manual Integration Results

RT: 4.39
Area: 600067344
Amount: 119.4750
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:41 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

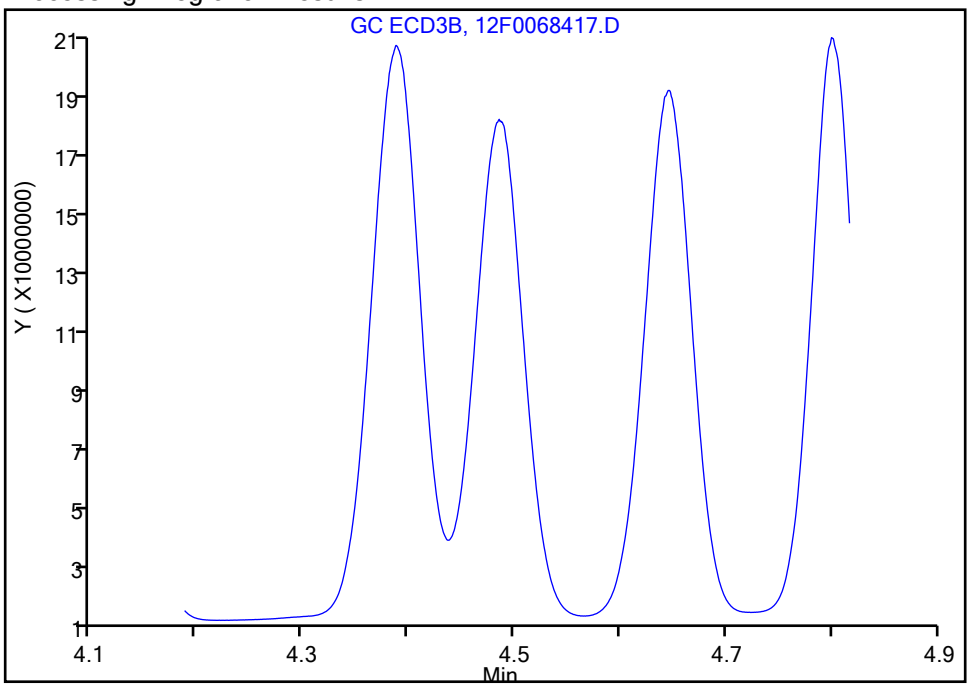
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 2

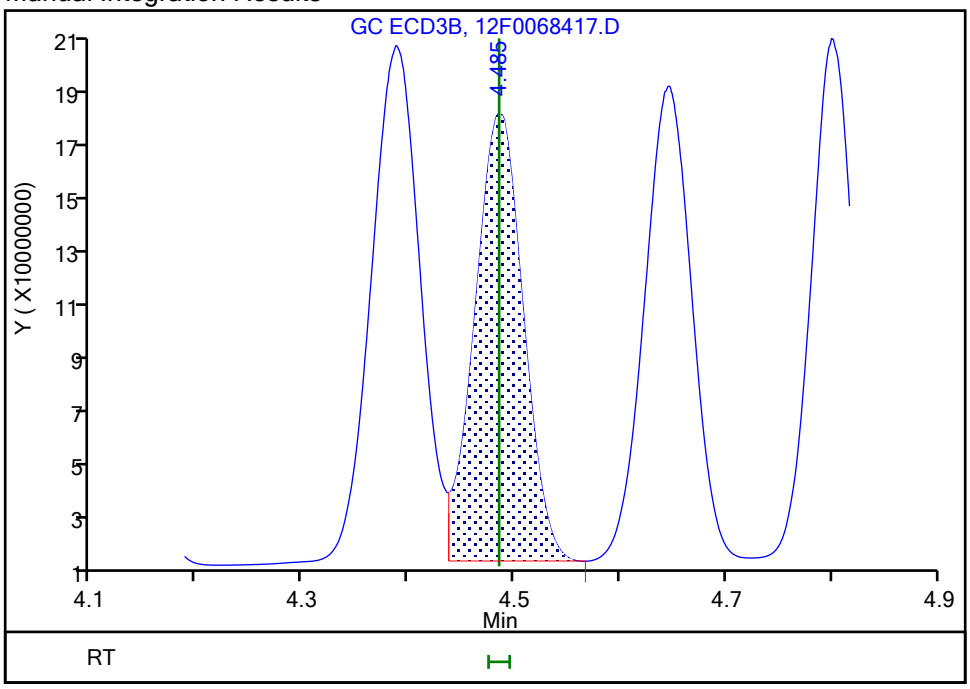
Not Detected
Expected RT: 4.49

Processing Integration Results




Manual Integration Results

RT: 4.49
Area: 514587182
Amount: 118.5488
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

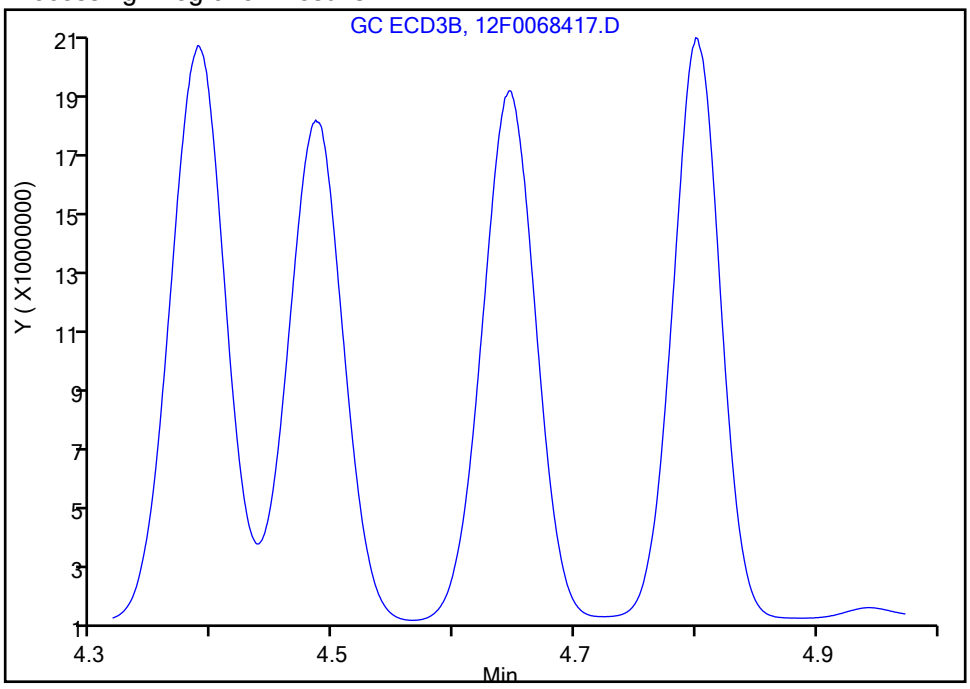
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 2

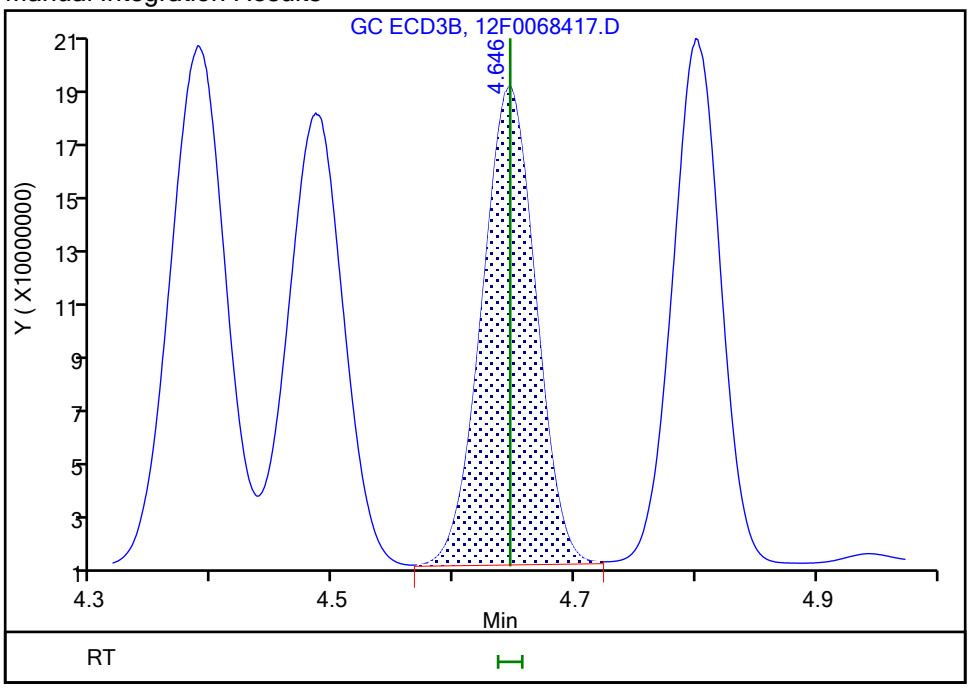
Not Detected
Expected RT: 4.65

Processing Integration Results




Manual Integration Results

RT: 4.65
Area: 532045828
Amount: 118.4699
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:07:48 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

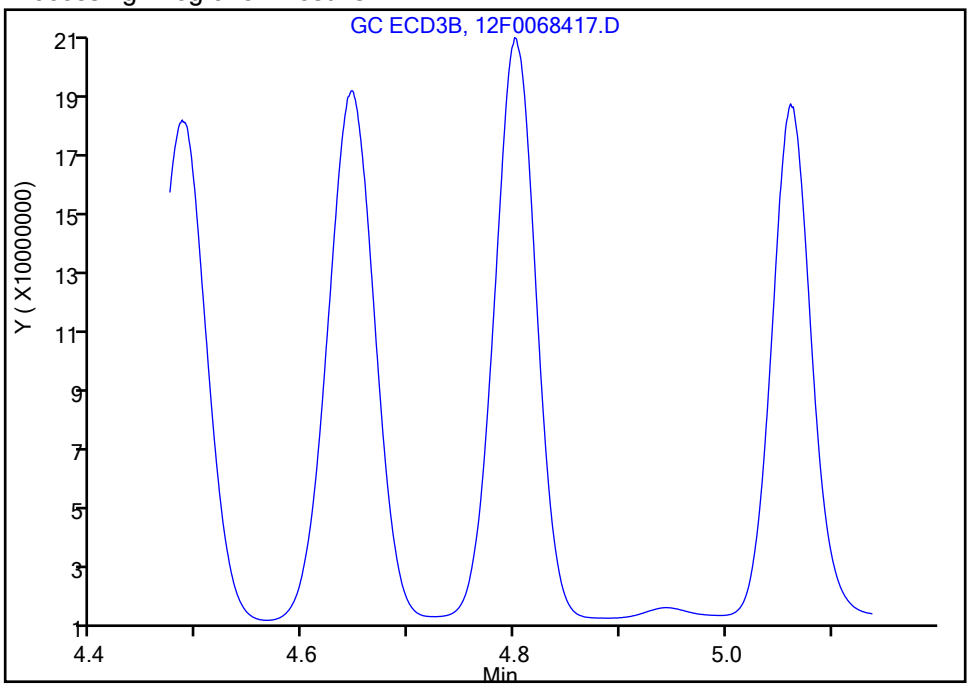
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 2

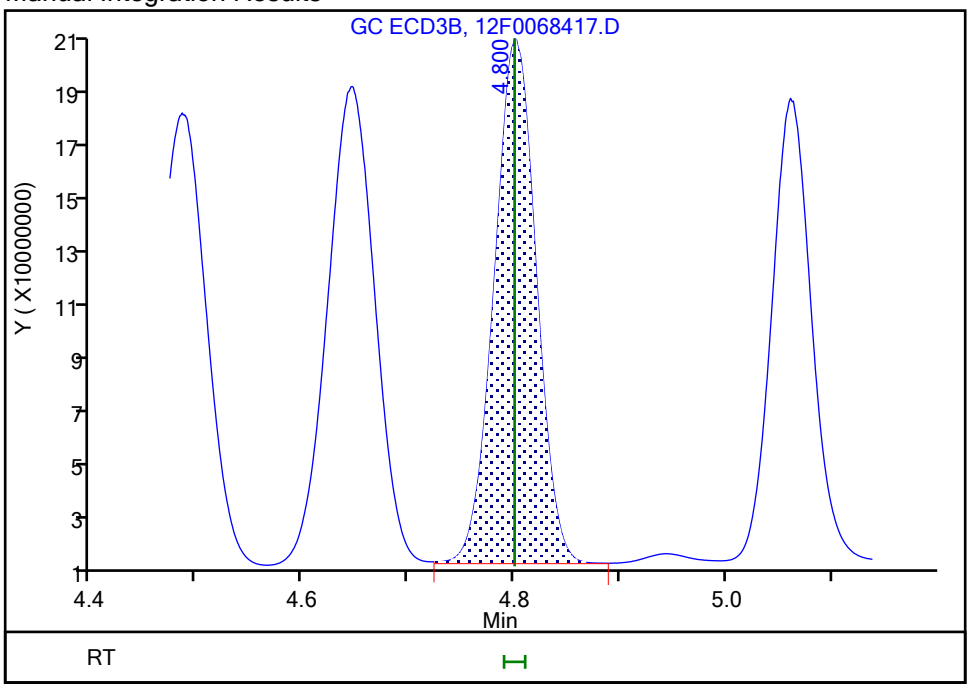
Not Detected
Expected RT: 4.80

Processing Integration Results




Manual Integration Results

RT: 4.80
Area: 519592650
Amount: 122.7441
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:05:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

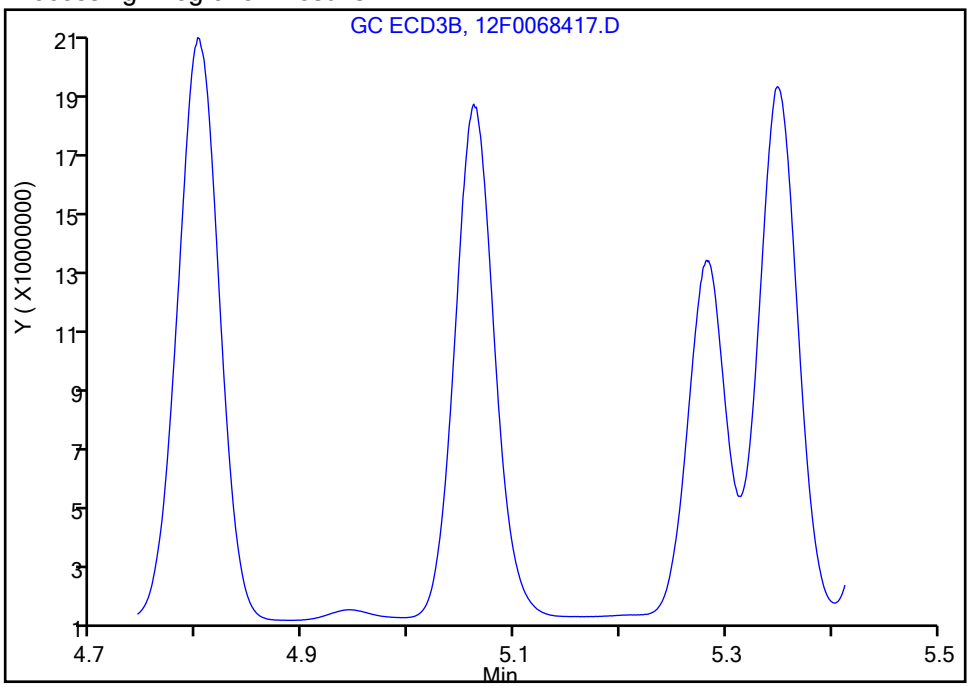
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 2

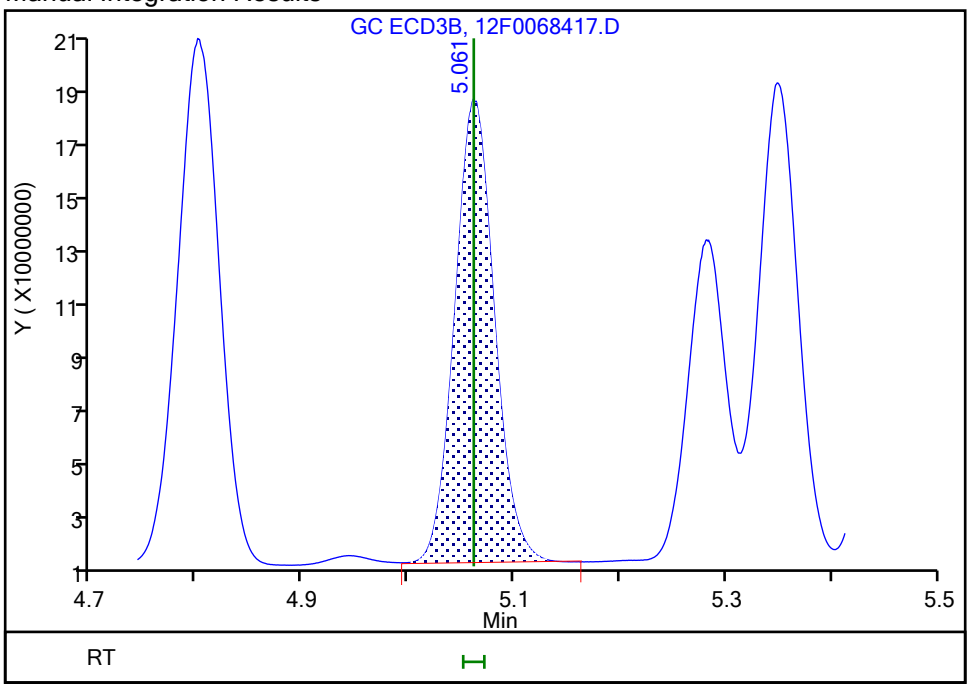
Not Detected
Expected RT: 5.06

Processing Integration Results




Manual Integration Results

RT: 5.06
Area: 430621248
Amount: 100.7468
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:00 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

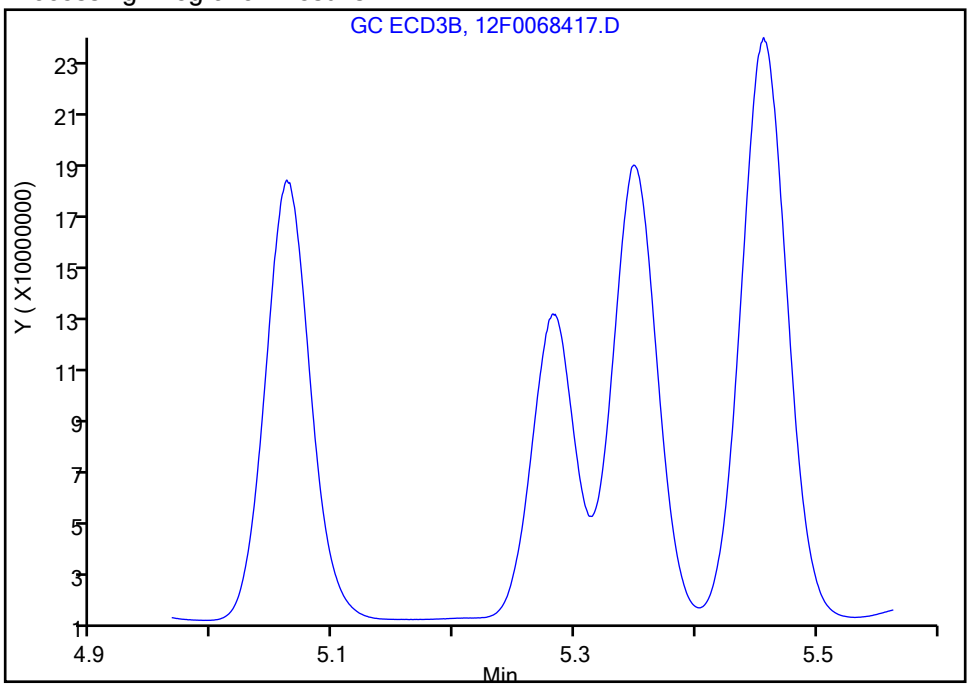
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

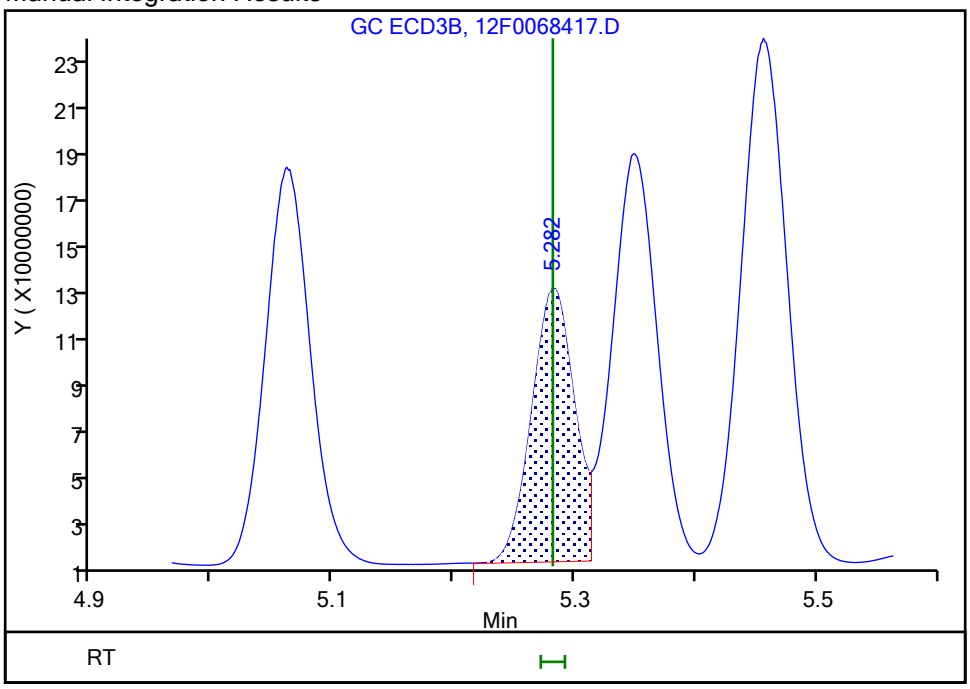
Not Detected
Expected RT: 5.28

Processing Integration Results




Manual Integration Results

RT: 5.28
Area: 281306904
Amount: 112.9460
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:12 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

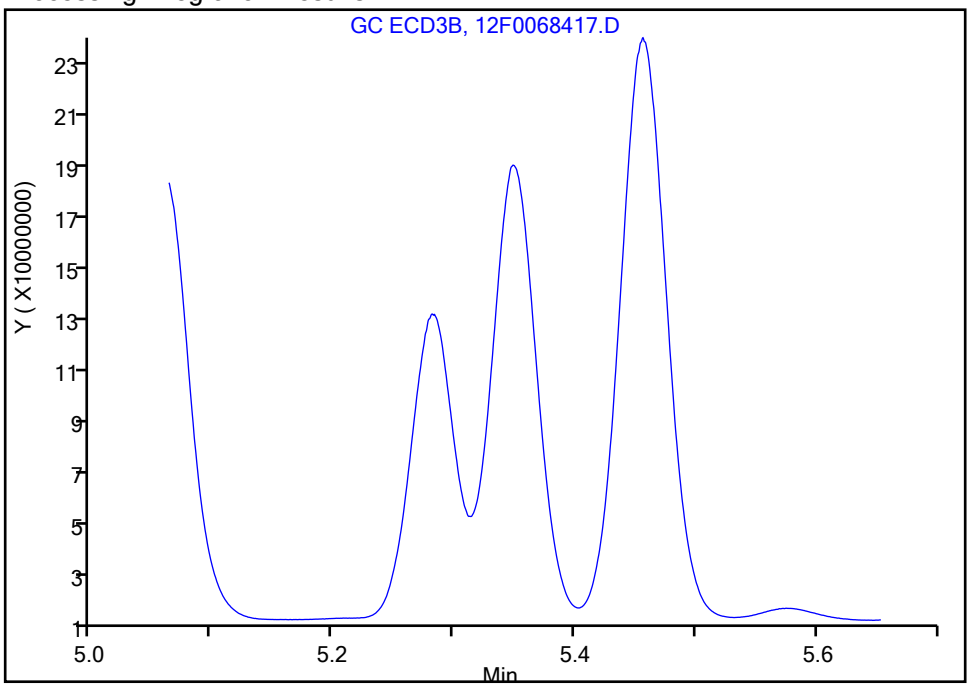
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 34 Mirex, CAS: 2385-85-5

Signal: 2

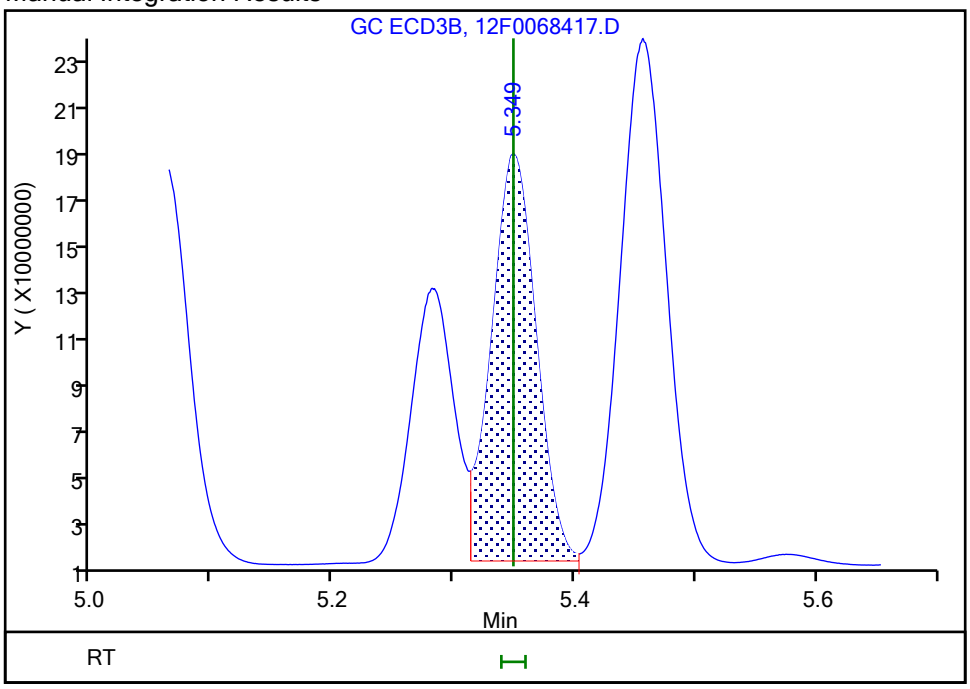
Not Detected
Expected RT: 5.35

Processing Integration Results




Manual Integration Results

RT: 5.35
Area: 434492717
Amount: 106.6154
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:18 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

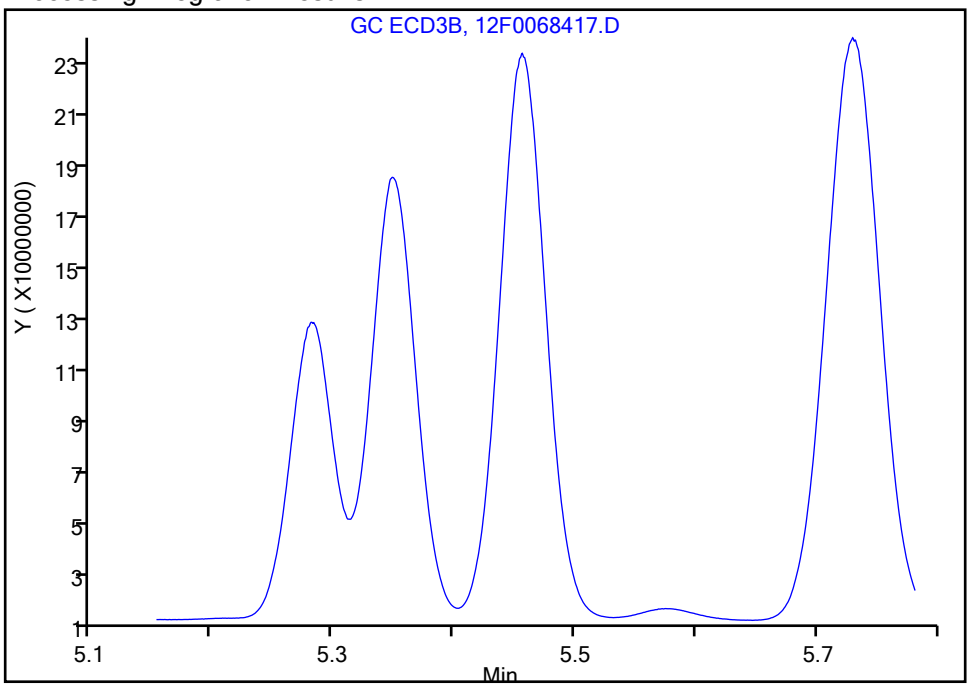
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8

Signal: 2

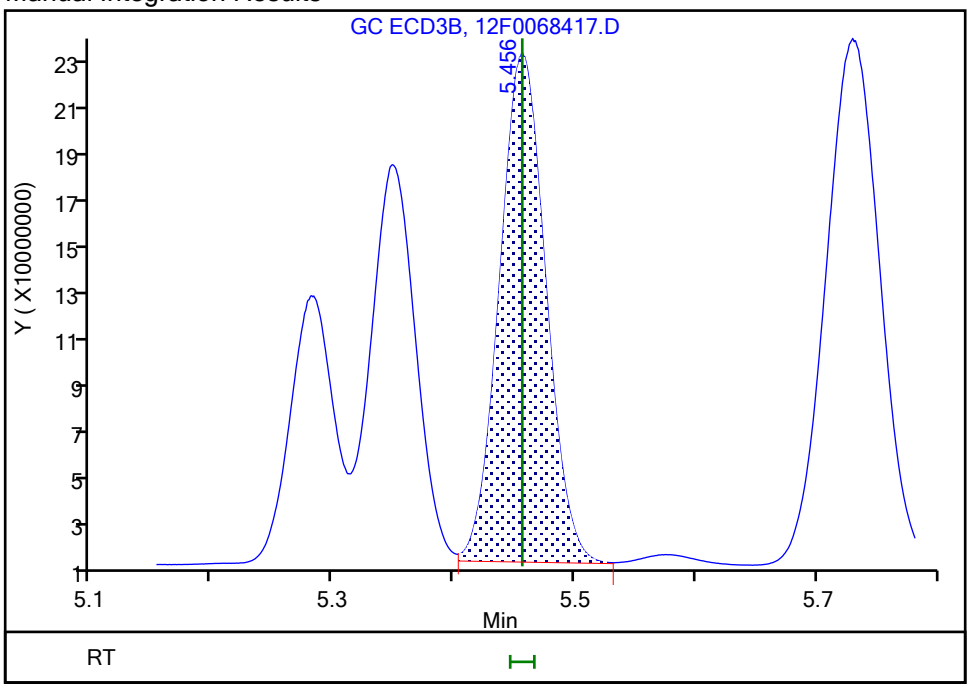
Not Detected
Expected RT: 5.46

Processing Integration Results




Manual Integration Results

RT: 5.46
Area: 576500632
Amount: 108.2377
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

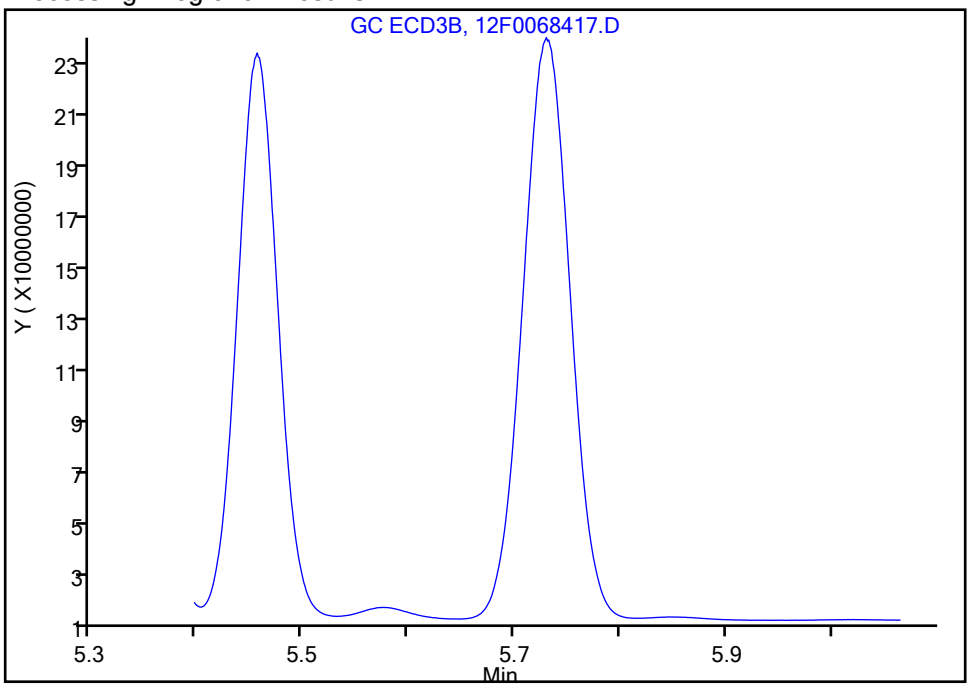
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068417.D
Injection Date: 07-Feb-2025 02:42:49 Instrument ID: CPESTGC12
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 2

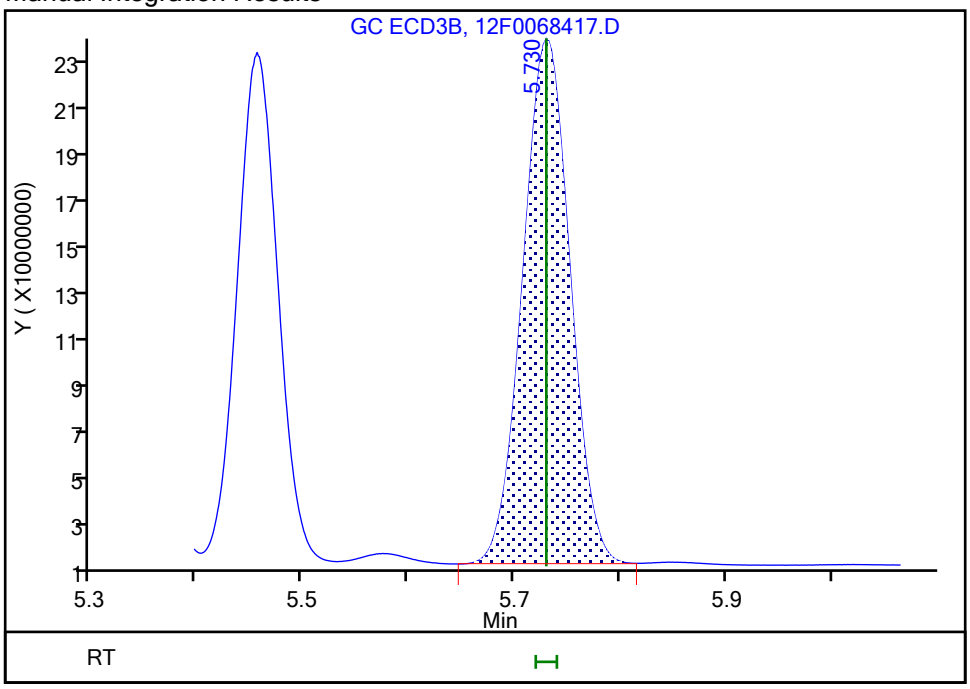
Not Detected
Expected RT: 5.73

Processing Integration Results




Manual Integration Results

RT: 5.73
Area: 700364947
Amount: 125.1334
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 03:06:24 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/4 Calibration Date: 02/07/2025 02:55

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 11:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/22/2025 12:17

Lab File ID: 12F0068418.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0631 | 0.0489 | | 0.200 | 1000 | -22.6* | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0631 | 0.0489 | | 0.200 | 1000 | -22.6* | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0563 | 0.0507 | | 900 | 1000 | -10.0 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0563 | 0.0507 | | 900 | 1000 | -10.0 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.1862 | 0.1664 | | 894 | 1000 | -10.6 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.1862 | 0.1664 | | 894 | 1000 | -10.6 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2076 | 0.1826 | | 879 | 1000 | -12.1 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2076 | 0.1826 | | 879 | 1000 | -12.1 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.1463 | 0.1232 | | 842 | 1000 | -15.8 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.1463 | 0.1232 | | 842 | 1000 | -15.8 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0489 | | 879 | 1000 | -12.1 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/4 Calibration Date: 02/07/2025 02:55

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 11:28

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/22/2025 12:17

Lab File ID: 12F0068418.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 3.03 | 3.02 | 3.04 |
| Chlordane (technical) Peak 1 | 3.03 | 3.02 | 3.04 |
| Chlordane (n.o.s.) Peak 2 | 3.72 | 3.71 | 3.73 |
| Chlordane (technical) Peak 2 | 3.72 | 3.71 | 3.73 |
| Chlordane (n.o.s.) Peak 3 | 4.44 | 4.43 | 4.45 |
| Chlordane (technical) Peak 3 | 4.44 | 4.43 | 4.45 |
| Chlordane (n.o.s.) Peak 4 | 4.56 | 4.55 | 4.57 |
| Chlordane (technical) Peak 4 | 4.56 | 4.55 | 4.57 |
| Chlordane (n.o.s.) Peak 5 | 4.63 | 4.62 | 4.64 |
| Chlordane (technical) Peak 5 | 4.63 | 4.62 | 4.64 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 02:55:08 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:43 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:21:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 211223116 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 507329461 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | Ma |
| 1 | 0.000 | 3.026 | 0.000 | 0 | 1000.0 | 0 | |
| 1 | 3.715 | 3.715 | 0.000 | 107075149 | 1000.0 | 900.1 | M |
| 1 | 4.436 | 4.436 | 0.000 | 351555076 | 1000.0 | 893.7 | M |
| 1 | 4.555 | 4.555 | 0.000 | 385604793 | 1000.0 | 879.5 | M |
| 1 | 4.626 | 4.626 | 0.000 | 260203646 | 1000.0 | 842.0 | M |
| | | Average of Peak Amounts = | | | | 878.8 | |
| 2 | 2.583 | 2.583 | 0.000 | 256589821 | 1000.0 | 852.1 | M |
| 2 | 2.969 | 2.969 | 0.000 | 379463337 | 1000.0 | 976.4 | M |
| 2 | 3.344 | 3.344 | 0.000 | 211274109 | 1000.0 | 924.2 | M |
| 2 | 3.545 | 3.545 | 0.000 | 1131909227 | 1000.0 | 976.4 | M |
| 2 | 3.679 | 3.679 | 0.000 | 2007969568 | 1000.0 | 954.7 | M |
| | | Average of Peak Amounts = | | | | 936.8 | |
| | | | | | | RPD = 6.38 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | Ma |
| 1 | 0.000 | 3.026 | 0.000 | 0 | 1000.0 | 0 | |
| 1 | 3.715 | 3.715 | 0.000 | 107075149 | 1000.0 | 900.1 | M |
| 1 | 4.436 | 4.436 | 0.000 | 351555076 | 1000.0 | 893.7 | M |
| 1 | 4.555 | 4.555 | 0.000 | 385604793 | 1000.0 | 879.5 | M |
| 1 | 4.626 | 4.626 | 0.000 | 260203646 | 1000.0 | 842.0 | M |
| | | Average of Peak Amounts = | | | | 878.8 | |
| 2 | 2.583 | 2.583 | 0.000 | 256589821 | 1000.0 | 852.1 | M |
| 2 | 2.969 | 2.969 | 0.000 | 379463337 | 1000.0 | 976.4 | M |
| 2 | 3.344 | 3.344 | 0.000 | 211274109 | 1000.0 | 924.2 | M |
| 2 | 3.545 | 3.545 | 0.000 | 1131909227 | 1000.0 | 976.4 | M |
| 2 | 3.679 | 3.679 | 0.000 | 2007969568 | 1000.0 | 954.7 | M |
| | | Average of Peak Amounts = | | | | 936.8 | |
| | | | | | | RPD = 6.38 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

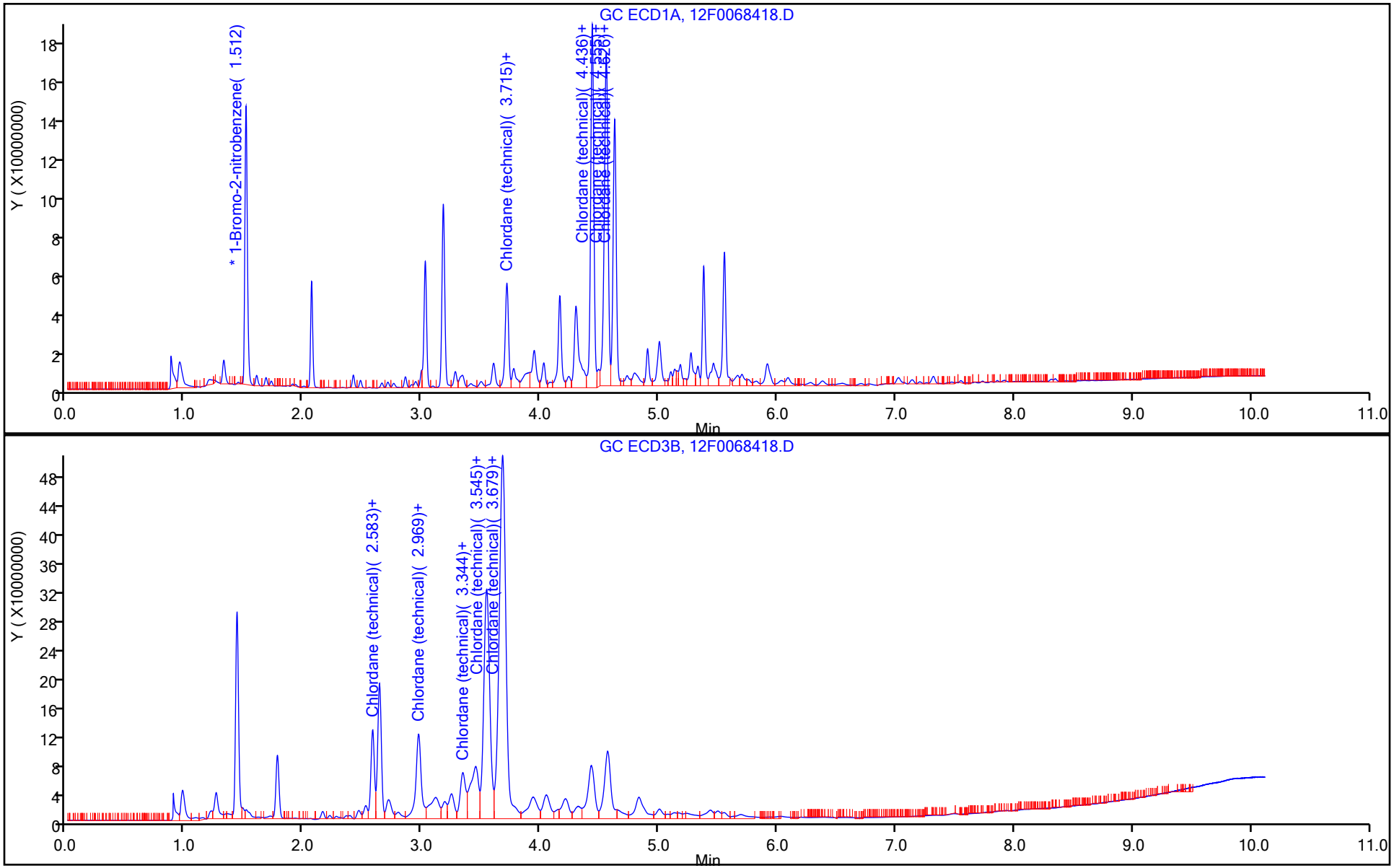
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:55:08 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:28:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D

Injection Date: 07-Feb-2025 02:55:08 Instrument ID: CPESTGC12

Lims ID: CCV CHLOR

Client ID:

Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

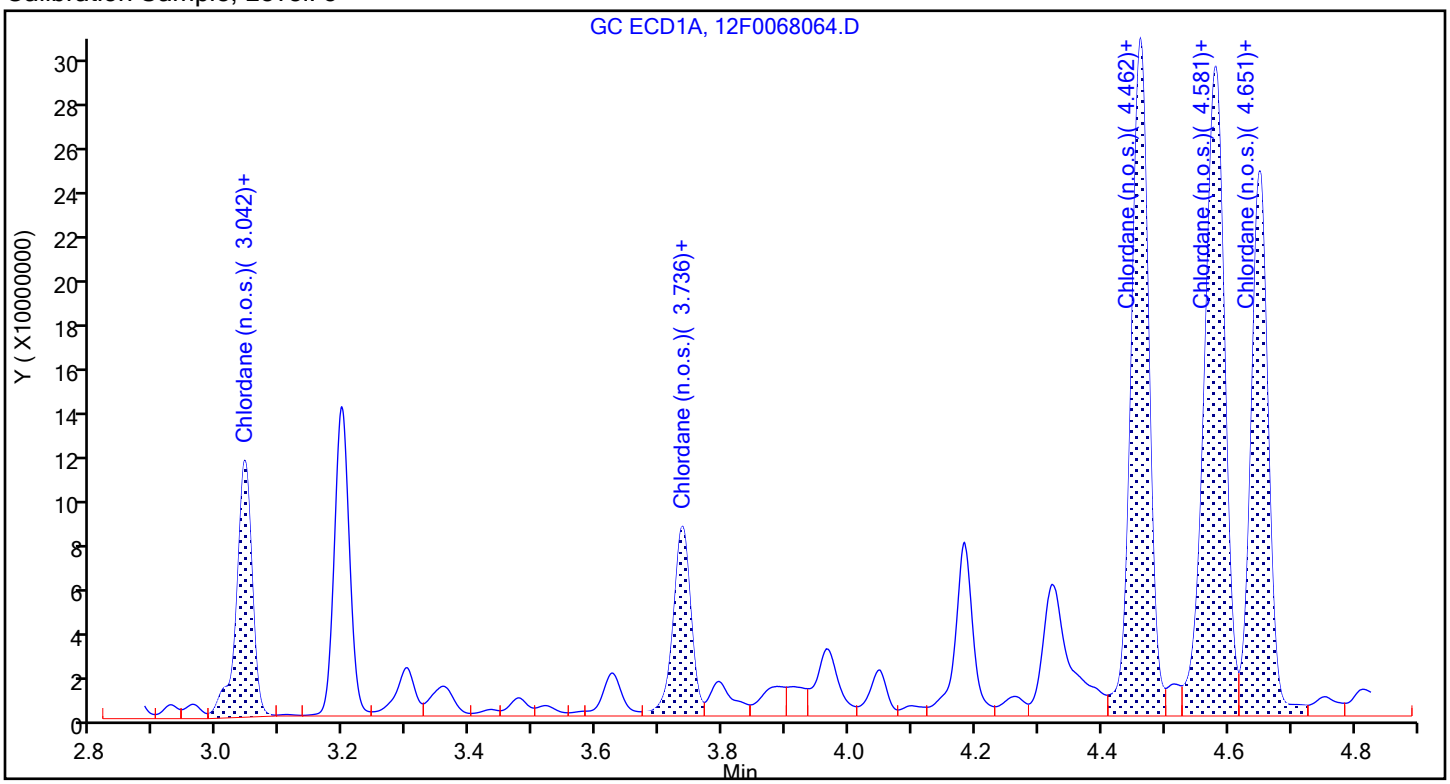
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC8081 Limit Group: GC 8081B PEST ISTD

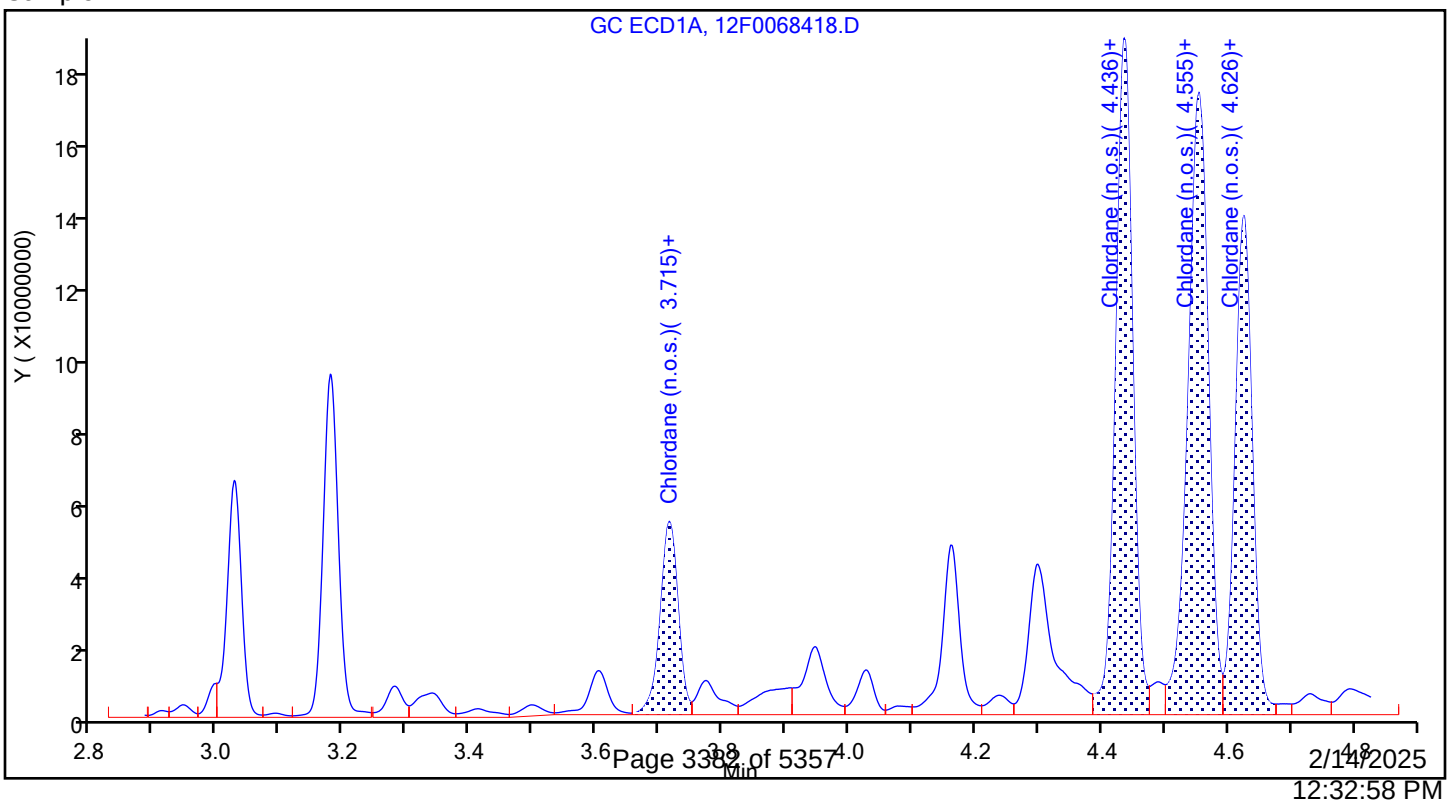
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample

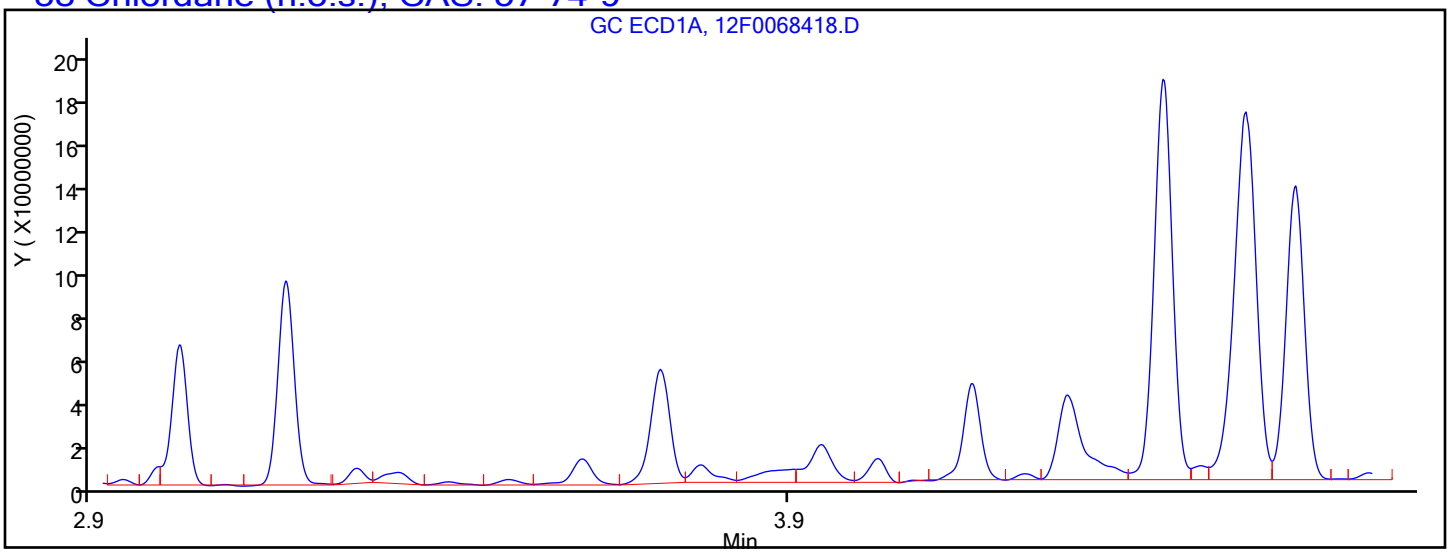


Report Date: 07-Feb-2025 07:28:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

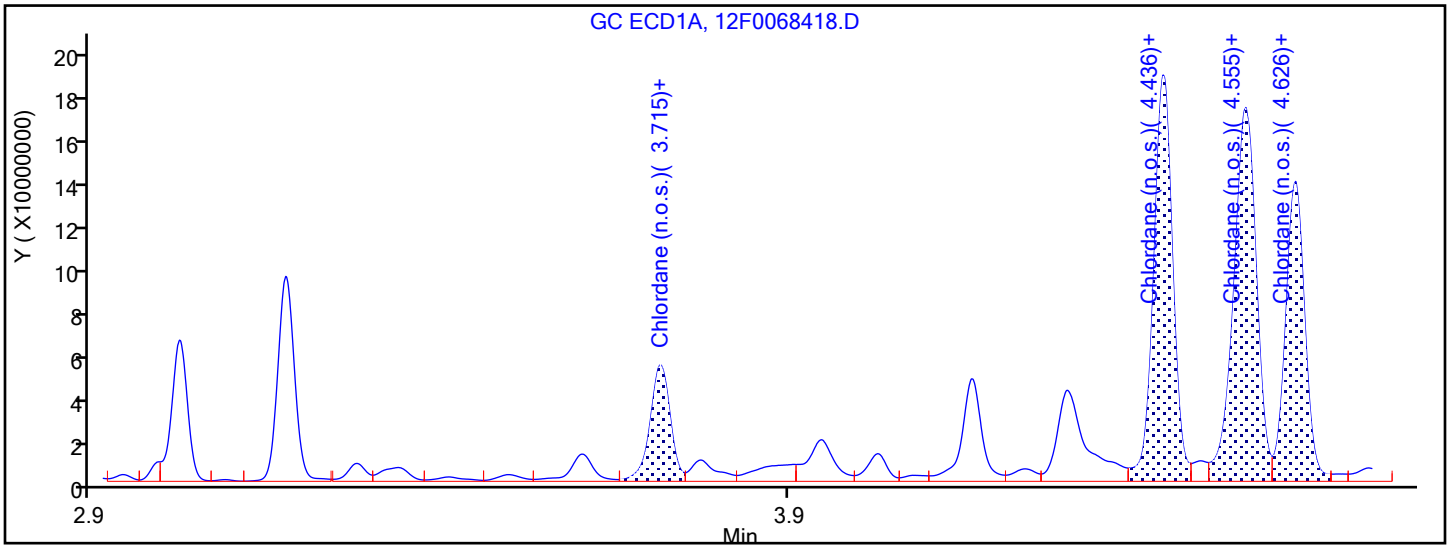
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D
Injection Date: 07-Feb-2025 02:55:08 Instrument ID: CPESTGC12
Lims ID: CCV CHLOR
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 3.026 | Response = 0 | |
| 3.715 | Response = 107075149 | M |
| 4.436 | Response = 351555076 | M |
| 4.555 | Response = 385604793 | M |
| 4.626 | Response = 260203646 | M |

Reviewer: ESS0, 07-Feb-2025 03:27:09 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/4 Calibration Date: 02/07/2025 02:55

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 11:28

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 12:17

Lab File ID: 12F0068418.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0594 | 0.0506 | | 852 | 1000 | -14.8 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0594 | 0.0506 | | 852 | 1000 | -14.8 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0766 | 0.0748 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0766 | 0.0748 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.0451 | 0.0416 | | 924 | 1000 | -7.6 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.0451 | 0.0416 | | 924 | 1000 | -7.6 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2285 | 0.2231 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2285 | 0.2231 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.4146 | 0.3958 | | 955 | 1000 | -4.5 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.4146 | 0.3958 | | 955 | 1000 | -4.5 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0506 | | 937 | 1000 | -6.3 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/4 Calibration Date: 02/07/2025 02:55

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 11:28

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 12:17

Lab File ID: 12F0068418.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.58 | 2.57 | 2.59 |
| Chlordane (technical) Peak 1 | 2.58 | 2.57 | 2.59 |
| Chlordane (n.o.s.) Peak 2 | 2.97 | 2.96 | 2.98 |
| Chlordane (technical) Peak 2 | 2.97 | 2.96 | 2.98 |
| Chlordane (n.o.s.) Peak 3 | 3.34 | 3.33 | 3.35 |
| Chlordane (technical) Peak 3 | 3.34 | 3.33 | 3.35 |
| Chlordane (n.o.s.) Peak 4 | 3.55 | 3.54 | 3.56 |
| Chlordane (technical) Peak 4 | 3.55 | 3.54 | 3.56 |
| Chlordane (n.o.s.) Peak 5 | 3.68 | 3.67 | 3.69 |
| Chlordane (technical) Peak 5 | 3.68 | 3.67 | 3.69 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 02:55:08 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-004
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:43 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:21:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 211223116 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 507329461 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | Ma |
| 1 | 0.000 | 3.026 | 0.000 | 0 | 1000.0 | 0 | |
| 1 | 3.715 | 3.715 | 0.000 | 107075149 | 1000.0 | 900.1 | M |
| 1 | 4.436 | 4.436 | 0.000 | 351555076 | 1000.0 | 893.7 | M |
| 1 | 4.555 | 4.555 | 0.000 | 385604793 | 1000.0 | 879.5 | M |
| 1 | 4.626 | 4.626 | 0.000 | 260203646 | 1000.0 | 842.0 | M |
| | | Average of Peak Amounts = | | | | 878.8 | |
| 2 | 2.583 | 2.583 | 0.000 | 256589821 | 1000.0 | 852.1 | M |
| 2 | 2.969 | 2.969 | 0.000 | 379463337 | 1000.0 | 976.4 | M |
| 2 | 3.344 | 3.344 | 0.000 | 211274109 | 1000.0 | 924.2 | M |
| 2 | 3.545 | 3.545 | 0.000 | 1131909227 | 1000.0 | 976.4 | M |
| 2 | 3.679 | 3.679 | 0.000 | 2007969568 | 1000.0 | 954.7 | M |
| | | Average of Peak Amounts = | | | | 936.8 | |
| | | | | | | RPD = 6.38 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | Ma |
| 1 | 0.000 | 3.026 | 0.000 | 0 | 1000.0 | 0 | |
| 1 | 3.715 | 3.715 | 0.000 | 107075149 | 1000.0 | 900.1 | M |
| 1 | 4.436 | 4.436 | 0.000 | 351555076 | 1000.0 | 893.7 | M |
| 1 | 4.555 | 4.555 | 0.000 | 385604793 | 1000.0 | 879.5 | M |
| 1 | 4.626 | 4.626 | 0.000 | 260203646 | 1000.0 | 842.0 | M |
| | | Average of Peak Amounts = | | | | 878.8 | |
| 2 | 2.583 | 2.583 | 0.000 | 256589821 | 1000.0 | 852.1 | M |
| 2 | 2.969 | 2.969 | 0.000 | 379463337 | 1000.0 | 976.4 | M |
| 2 | 3.344 | 3.344 | 0.000 | 211274109 | 1000.0 | 924.2 | M |
| 2 | 3.545 | 3.545 | 0.000 | 1131909227 | 1000.0 | 976.4 | M |
| 2 | 3.679 | 3.679 | 0.000 | 2007969568 | 1000.0 | 954.7 | M |
| | | Average of Peak Amounts = | | | | 936.8 | |
| | | | | | | RPD = 6.38 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

## Reagents:

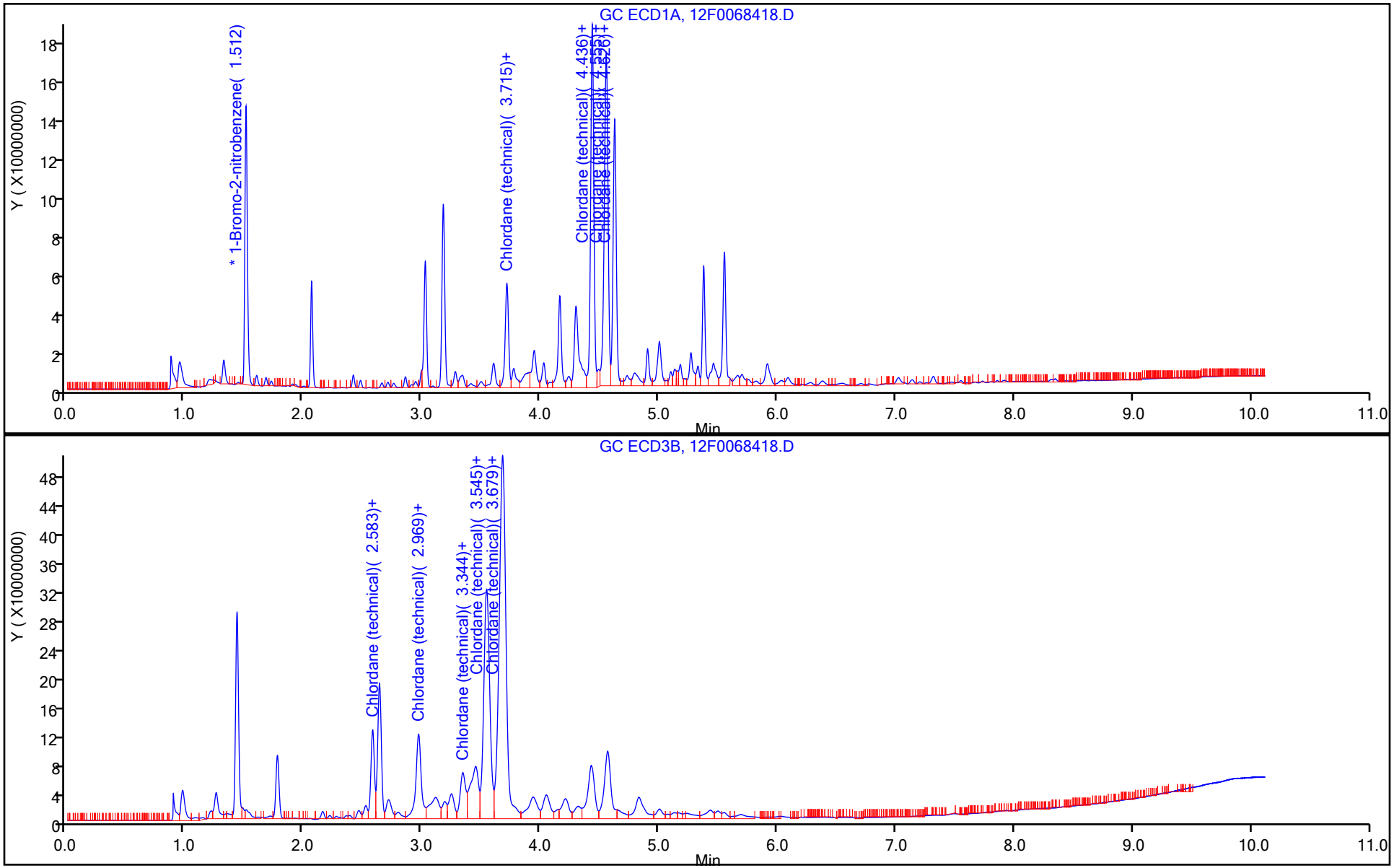
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:55:08 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:28:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

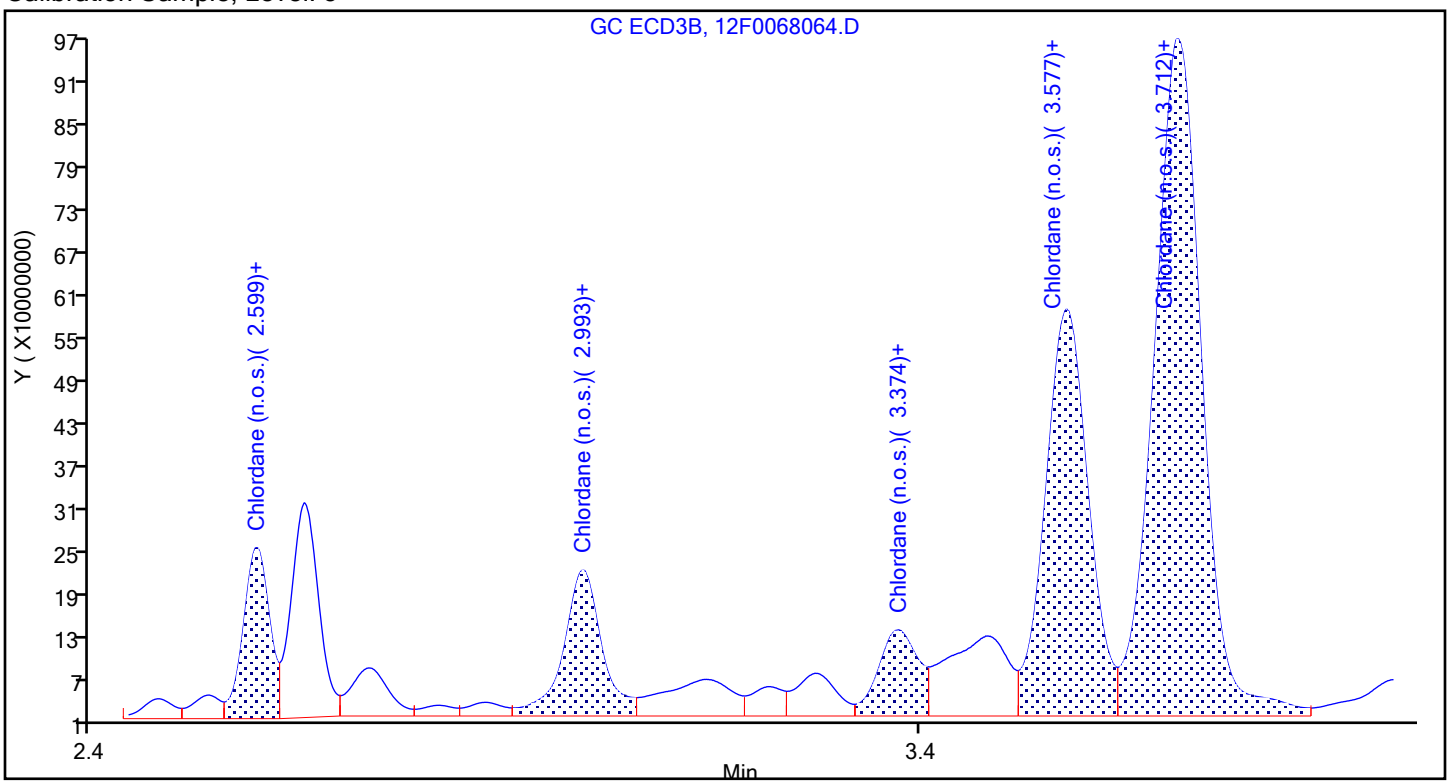
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D

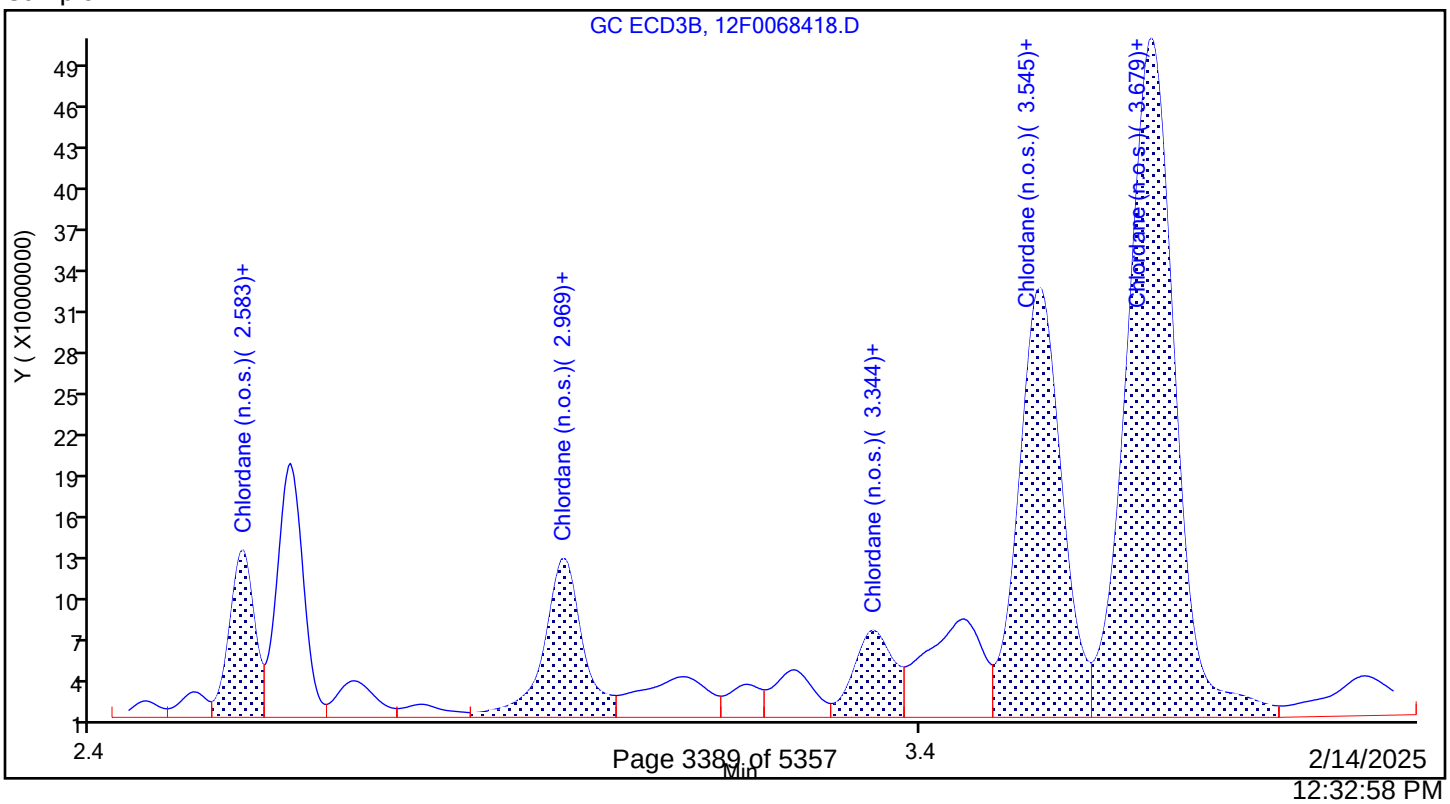
| | | | |
|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:55:08 | Instrument ID: | CPESTGC12 |
| Lims ID: | CCV CHLOR | | |
| Client ID: | | | |
| Operator ID: | | ALS Bottle#: | 4 Worklist Smp#: 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD |
| Column: | | Detector | GC ECD2B |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



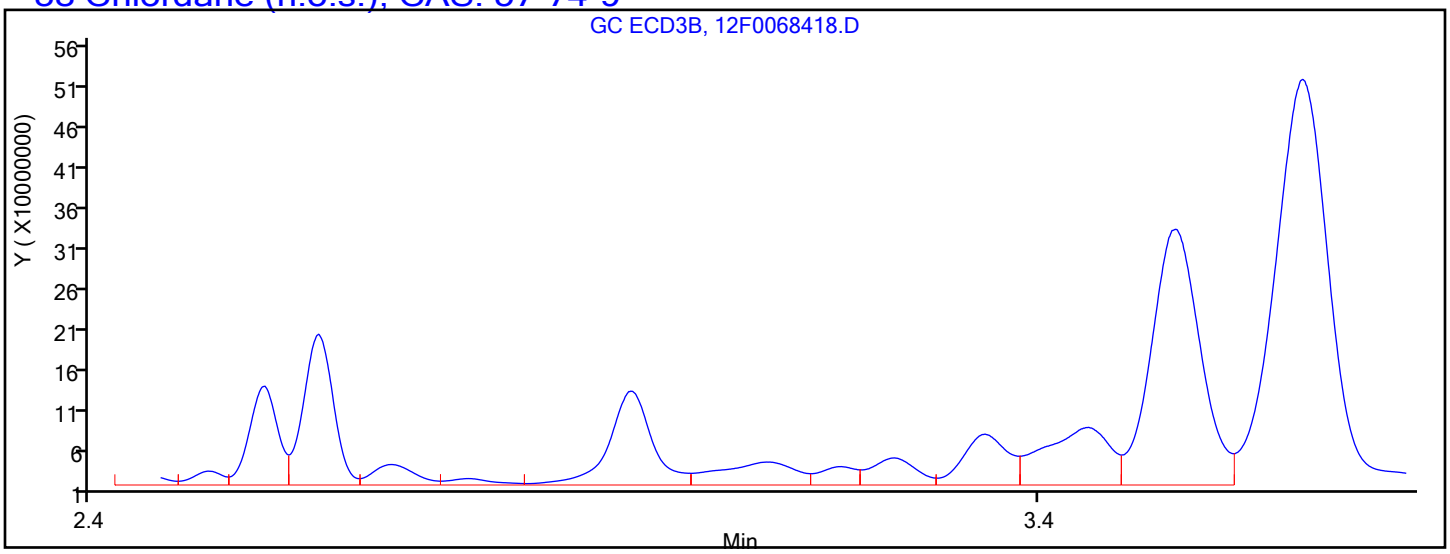
Report Date: 07-Feb-2025 07:28:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

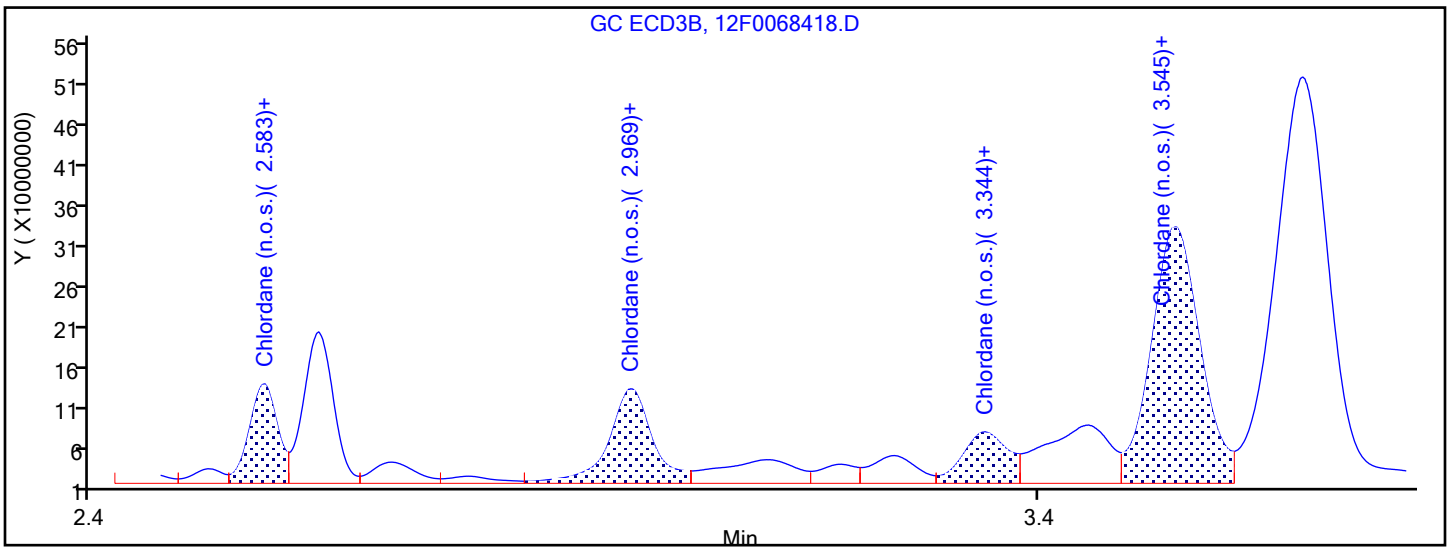
Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068418.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:55:08 | Instrument ID: | CPESTGC12 | | |
| Lims ID: | CCV CHLOR | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 2.583 | Response = 256589821 | M |
| 2.969 | Response = 379463337 | M |
| 3.344 | Response = 211274109 | M |
| 3.545 | Response = 1131909227 | M |
| 3.679 | Response = 2007969568 | M |

Reviewer: ESS0, 07-Feb-2025 03:27:17 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/5  Calibration Date: 02/07/2025 03:07

Instrument ID: CPESTGC12  Calib Start Date: 01/22/2025 12:54

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/22/2025 13:43

Lab File ID: 12F0068419.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0180 | 0.0147 | | 818 | 1000 | -18.2 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0208 | 0.0181 | | 870 | 1000 | -13.0 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0476 | 0.0451 | | 948 | 1000 | -5.2 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0354 | 0.0354 | | 1000 | 1000 | 0.1 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0456 | 0.0504 | | 1100 | 1000 | 10.5 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/5 Calibration Date: 02/07/2025 03:07

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 12:54

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/22/2025 13:43

Lab File ID: 12F0068419.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.98 | 4.97 | 4.99 |
| Toxaphene Peak 2 | 5.49 | 5.48 | 5.50 |
| Toxaphene Peak 3 | 5.59 | 5.58 | 5.60 |
| Toxaphene Peak 4 | 5.90 | 5.89 | 5.91 |
| Toxaphene Peak 5 | 6.64 | 6.63 | 6.65 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 03:07:29 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:30:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 223156416 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 547436285 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | Ma |
| 1 | 4.978 | 4.978 | 0.000 | 32809775 | 1000.0 | 817.7 | M |
| 1 | 5.487 | 5.487 | 0.000 | 40468776 | 1000.0 | 870.0 | M |
| 1 | 5.588 | 5.588 | 0.000 | 100702941 | 1000.0 | 948.3 | M |
| 1 | 5.895 | 5.895 | 0.000 | 79096256 | 1000.0 | 1001.2 | M |
| 1 | 6.635 | 6.635 | 0.000 | 112397826 | 1000.0 | 1105.0 | M |
| | | Average of Peak Amounts = | | | | 948.4 | |
| 2 | 4.761 | 4.761 | 0.000 | 188344439 | 1000.0 | 1082.2 | M |
| 2 | 5.033 | 5.033 | 0.000 | 326393063 | 1000.0 | 1137.6 | M |
| 2 | 5.168 | 5.168 | 0.000 | 321595561 | 1000.0 | 961.4 | M |
| 2 | 5.355 | 5.355 | 0.000 | 316470967 | 1000.0 | 1004.9 | M |
| 2 | 5.714 | 5.714 | 0.000 | 243126909 | 1000.0 | 1134.3 | M |
| | | Average of Peak Amounts = | | | | 1064.1 | |
| | | | | | | RPD = 11.49 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

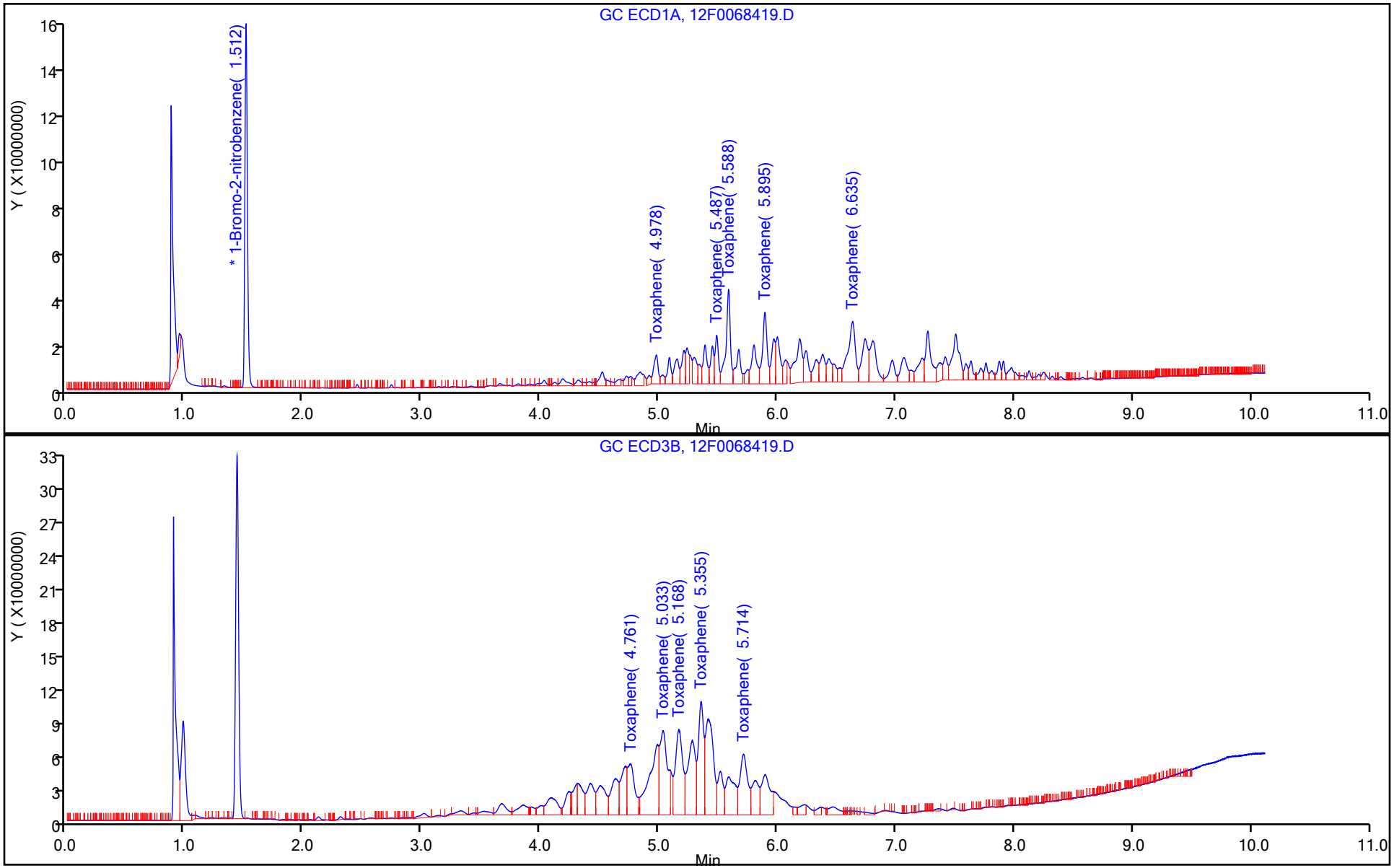
| | | | | |
|---|---|---|---|---|
| SGTOXAPHENEL4_00013 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:50 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:07:29 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |





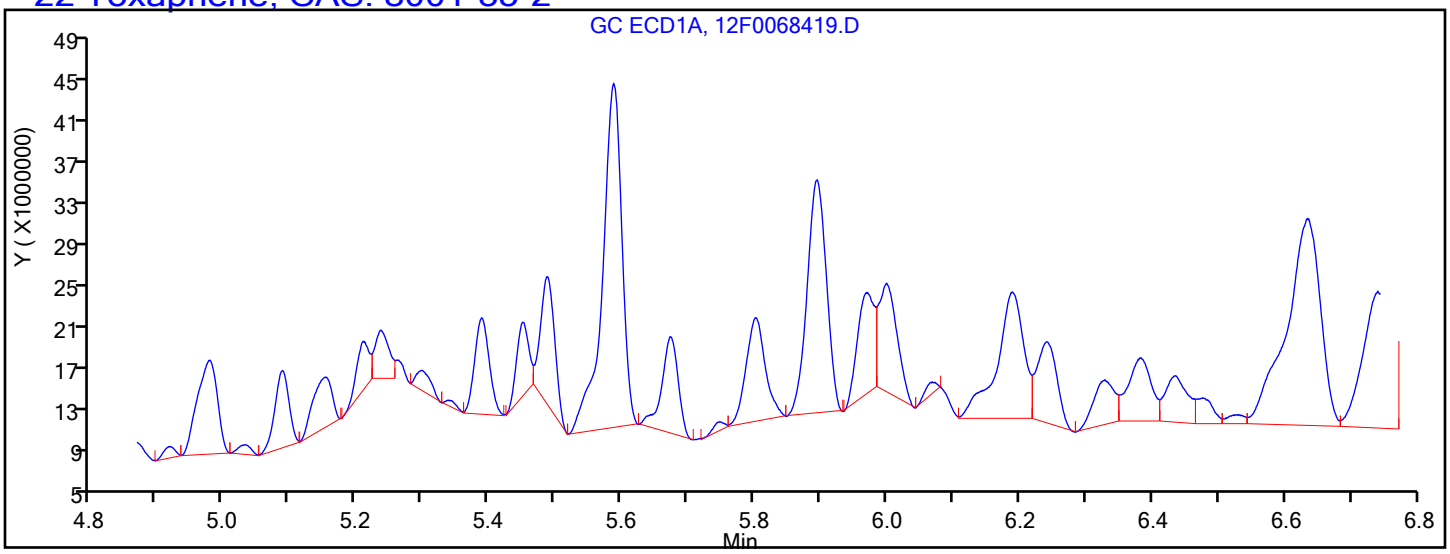

2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:28:50 Chrom Revision: 2.3 15-Jan-2025 12:44:04

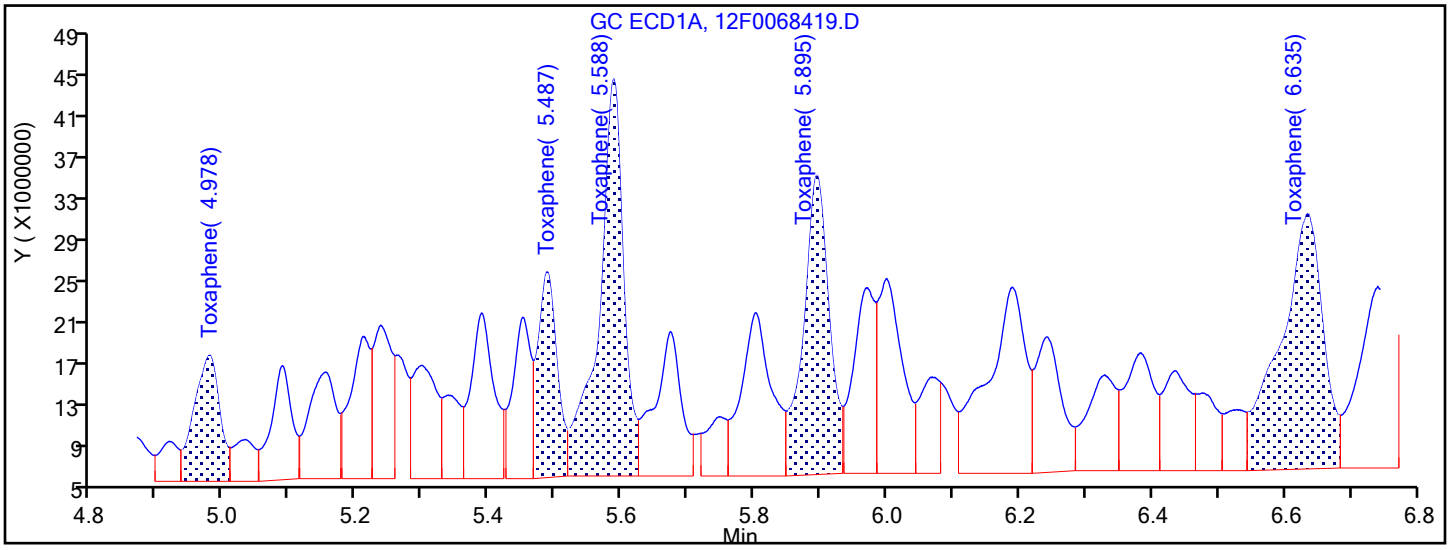
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D
Injection Date: 07-Feb-2025 03:07:29 Instrument ID: CPESTGC12
Lims ID: CCV TOX
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 4.978 | Response = 32809775 | M |
| 5.487 | Response = 40468776 | M |
| 5.588 | Response = 100702941 | M |
| 5.895 | Response = 79096256 | M |
| 6.635 | Response = 112397826 | M |

Reviewer: ESS0, 07-Feb-2025 03:30:05 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/5 Calibration Date: 02/07/2025 03:07

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 12:54

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 13:43

Lab File ID: 12F0068419.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0318 | 0.0344 | | 1080 | 1000 | 8.2 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0524 | 0.0596 | | 1140 | 1000 | 13.8 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0611 | 0.0587 | | 961 | 1000 | -3.9 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0575 | 0.0578 | | 1000 | 1000 | 0.5 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0392 | 0.0444 | | 1130 | 1000 | 13.4 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020035/5 Calibration Date: 02/07/2025 03:07

Instrument ID: CPESTGC12 Calib Start Date: 01/22/2025 12:54

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/22/2025 13:43

Lab File ID: 12F0068419.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.76 | 4.75 | 4.77 |
| Toxaphene Peak 2 | 5.03 | 5.02 | 5.04 |
| Toxaphene Peak 3 | 5.17 | 5.16 | 5.18 |
| Toxaphene Peak 4 | 5.36 | 5.35 | 5.37 |
| Toxaphene Peak 5 | 5.71 | 5.70 | 5.72 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 03:07:29 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186626-005
Operator ID: Instrument ID: CPESTGC12
Sublist: chrom-GC8081*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:28:50 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:30:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.513 | -0.001 | 223156416 | 100.0 | 100.0 | |
| 2 | 1.436 | 1.436 | 0.000 | 547436285 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | Ma |
| 1 | 4.978 | 4.978 | 0.000 | 32809775 | 1000.0 | 817.7 | M |
| 1 | 5.487 | 5.487 | 0.000 | 40468776 | 1000.0 | 870.0 | M |
| 1 | 5.588 | 5.588 | 0.000 | 100702941 | 1000.0 | 948.3 | M |
| 1 | 5.895 | 5.895 | 0.000 | 79096256 | 1000.0 | 1001.2 | M |
| 1 | 6.635 | 6.635 | 0.000 | 112397826 | 1000.0 | 1105.0 | M |
| | | Average of Peak Amounts = | | | | 948.4 | |
| 2 | 4.761 | 4.761 | 0.000 | 188344439 | 1000.0 | 1082.2 | M |
| 2 | 5.033 | 5.033 | 0.000 | 326393063 | 1000.0 | 1137.6 | M |
| 2 | 5.168 | 5.168 | 0.000 | 321595561 | 1000.0 | 961.4 | M |
| 2 | 5.355 | 5.355 | 0.000 | 316470967 | 1000.0 | 1004.9 | M |
| 2 | 5.714 | 5.714 | 0.000 | 243126909 | 1000.0 | 1134.3 | M |
| | | Average of Peak Amounts = | | | | 1064.1 | |
| | | | | | | RPD = 11.49 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

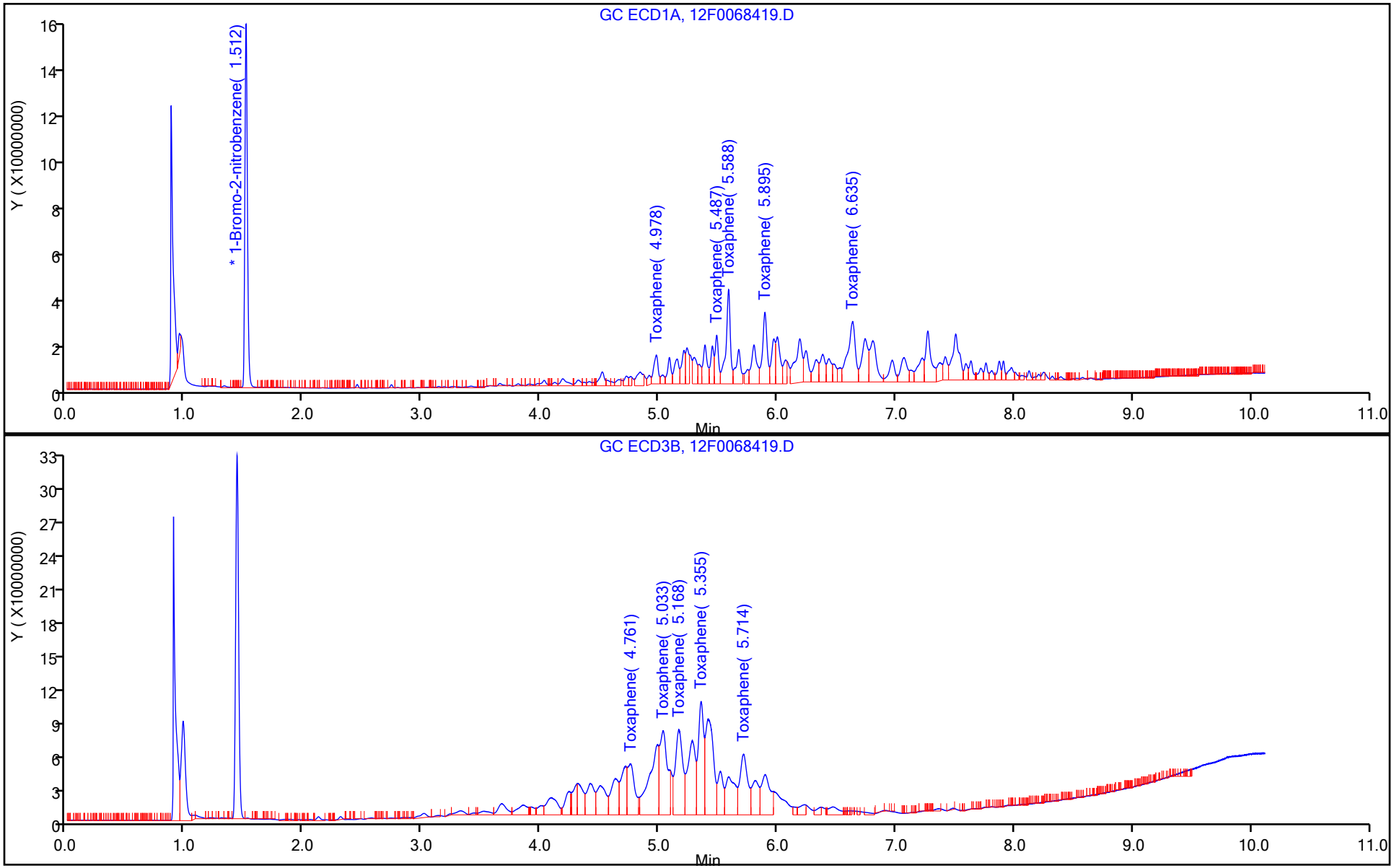
| | | | | |
|---|---|---|---|---|
| SGTOXAPHENEL4_00013 | Amount Added: | 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:28:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:07:29 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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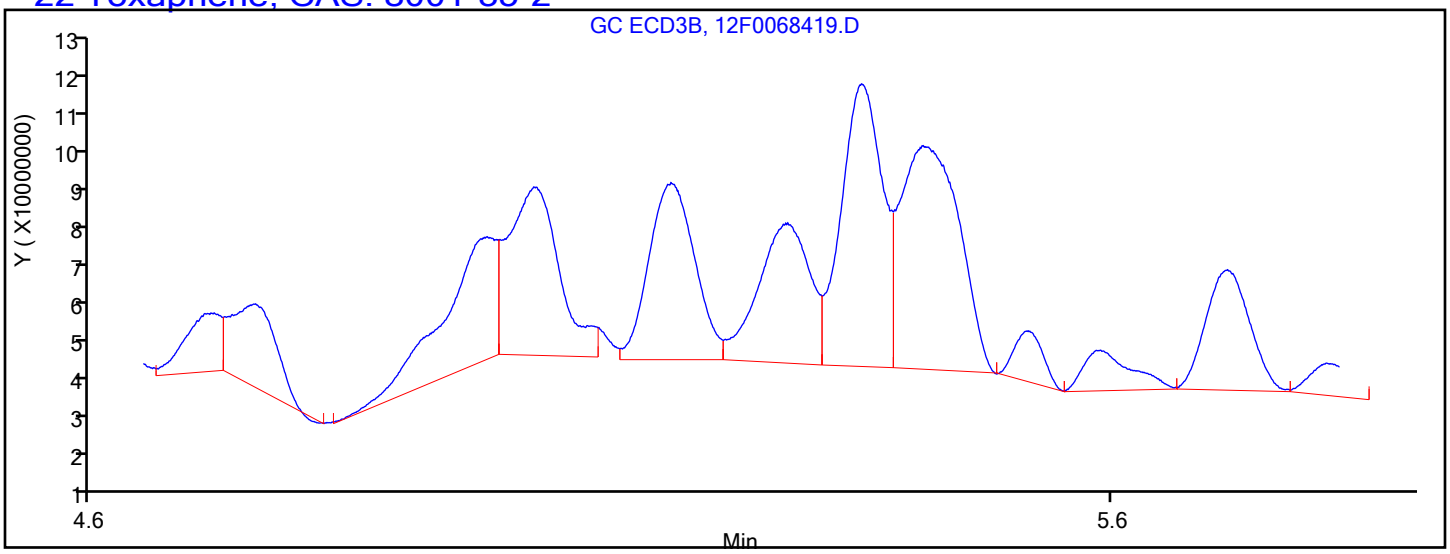
Report Date: 07-Feb-2025 07:28:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

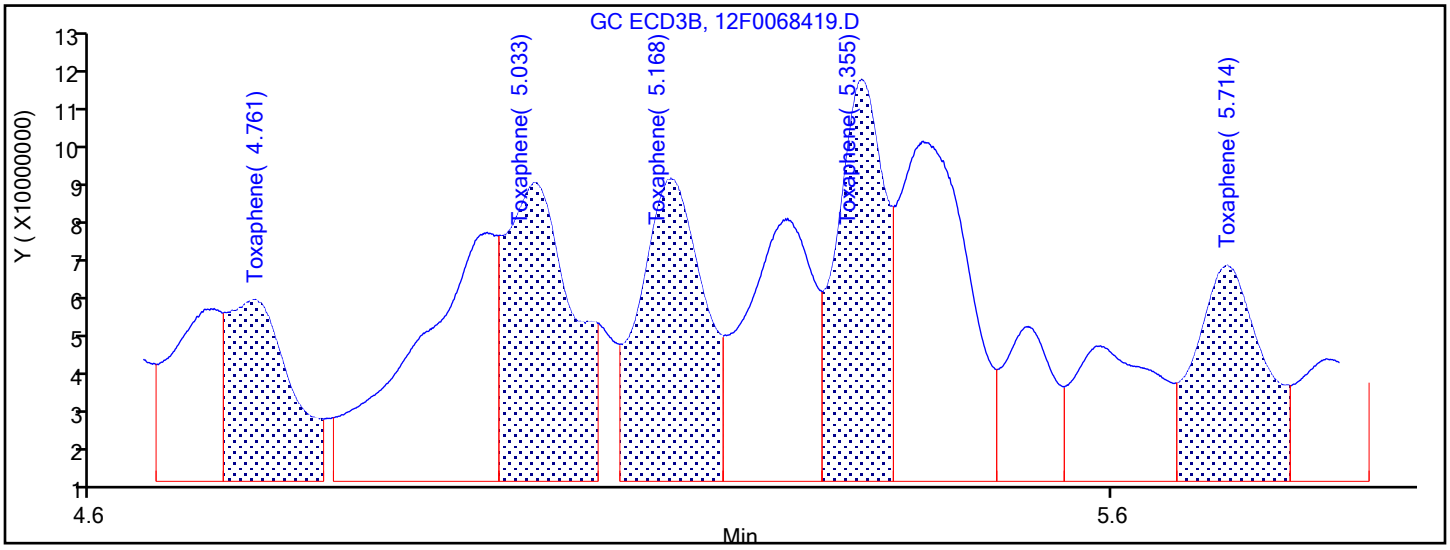
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068419.D
Injection Date: 07-Feb-2025 03:07:29 Instrument ID: CPESTGC12
Lims ID: CCV TOX
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 4.761 | Response = 188344439 | M |
| 5.033 | Response = 326393063 | M |
| 5.168 | Response = 321595561 | M |
| 5.355 | Response = 316470967 | M |
| 5.714 | Response = 243126909 | M |

Reviewer: ESS0, 07-Feb-2025 03:30:12 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009318/9 Calibration Date: 11/27/2024 05:20

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F0011522.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0581 | 0.0608 | | 1050 | 1000 | 4.6 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0581 | 0.0608 | | 1050 | 1000 | 4.6 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0618 | 0.0583 | | 942 | 1000 | -5.8 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0618 | 0.0583 | | 942 | 1000 | -5.8 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.2096 | 0.2089 | | 997 | 1000 | -0.3 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.2096 | 0.2089 | | 997 | 1000 | -0.3 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2341 | 0.2331 | | 996 | 1000 | -0.4 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2341 | 0.2331 | | 996 | 1000 | -0.4 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.1585 | 0.1570 | | 990 | 1000 | -1.0 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.1585 | 0.1570 | | 990 | 1000 | -1.0 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0608 | | 994 | 1000 | -0.6 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009318/9 Calibration Date: 11/27/2024 05:20

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F0011522.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.94 | 2.84 | 3.04 |
| Chlordane (technical) Peak 1 | 2.94 | 2.93 | 2.95 |
| Chlordane (n.o.s.) Peak 2 | 3.62 | 3.52 | 3.72 |
| Chlordane (technical) Peak 2 | 3.62 | 3.61 | 3.63 |
| Chlordane (n.o.s.) Peak 3 | 4.34 | 4.24 | 4.44 |
| Chlordane (technical) Peak 3 | 4.34 | 4.33 | 4.35 |
| Chlordane (n.o.s.) Peak 4 | 4.46 | 4.36 | 4.56 |
| Chlordane (technical) Peak 4 | 4.46 | 4.45 | 4.47 |
| Chlordane (n.o.s.) Peak 5 | 4.53 | 4.43 | 4.63 |
| Chlordane (technical) Peak 5 | 4.53 | 4.52 | 4.54 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D
Lims ID: ICV CHLO
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 05:20:53 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:34 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 60593147 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 140811769 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 2.935 | 2.936 | -0.001 | 36853876 | 1000.0 | 1046.0 | |
| 1 | 3.616 | 3.616 | 0.000 | 35305727 | 1000.0 | 942.1 | |
| 1 | 4.344 | 4.344 | 0.000 | 126602893 | 1000.0 | 996.9 | |
| 1 | 4.457 | 4.457 | 0.000 | 141230103 | 1000.0 | 995.8 | |
| 1 | 4.533 | 4.532 | 0.001 | 95146016 | 1000.0 | 990.4 | |
| | | Average of Peak Amounts = | | | | 994.2 | |
| 2 | 2.525 | 2.524 | 0.001 | 78465174 | 1000.0 | 979.8 | |
| 2 | 2.921 | 2.922 | -0.001 | 92617763 | 1000.0 | 990.3 | |
| 2 | 3.293 | 3.293 | 0.000 | 63325421 | 1000.0 | 996.3 | |
| 2 | 3.490 | 3.491 | -0.001 | 341057945 | 1000.0 | 976.7 | |
| 2 | 3.623 | 3.626 | -0.003 | 580481759 | 1000.0 | 976.4 | |
| | | Average of Peak Amounts = | | | | 983.9 | |
| | | | | | | RPD = 1.04 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | |
| 1 | 2.935 | 2.936 | -0.001 | 36853876 | 1000.0 | 1046.0 | |
| 1 | 3.616 | 3.616 | 0.000 | 35305727 | 1000.0 | 942.1 | |
| 1 | 4.344 | 4.344 | 0.000 | 126602893 | 1000.0 | 996.9 | |
| 1 | 4.457 | 4.457 | 0.000 | 141230103 | 1000.0 | 995.8 | |
| 1 | 4.533 | 4.532 | 0.001 | 95146016 | 1000.0 | 990.4 | |
| | | Average of Peak Amounts = | | | | 994.2 | |
| 2 | 2.525 | 2.524 | 0.001 | 78465174 | 1000.0 | 979.8 | |
| 2 | 2.921 | 2.922 | -0.001 | 92617763 | 1000.0 | 990.3 | |
| 2 | 3.293 | 3.293 | 0.000 | 63325421 | 1000.0 | 996.3 | |
| 2 | 3.490 | 3.491 | -0.001 | 341057945 | 1000.0 | 976.7 | |
| 2 | 3.623 | 3.626 | -0.003 | 580481759 | 1000.0 | 976.4 | |
| | | Average of Peak Amounts = | | | | 983.9 | |
| | | | | | | RPD = 1.04 | |

## Reagents:

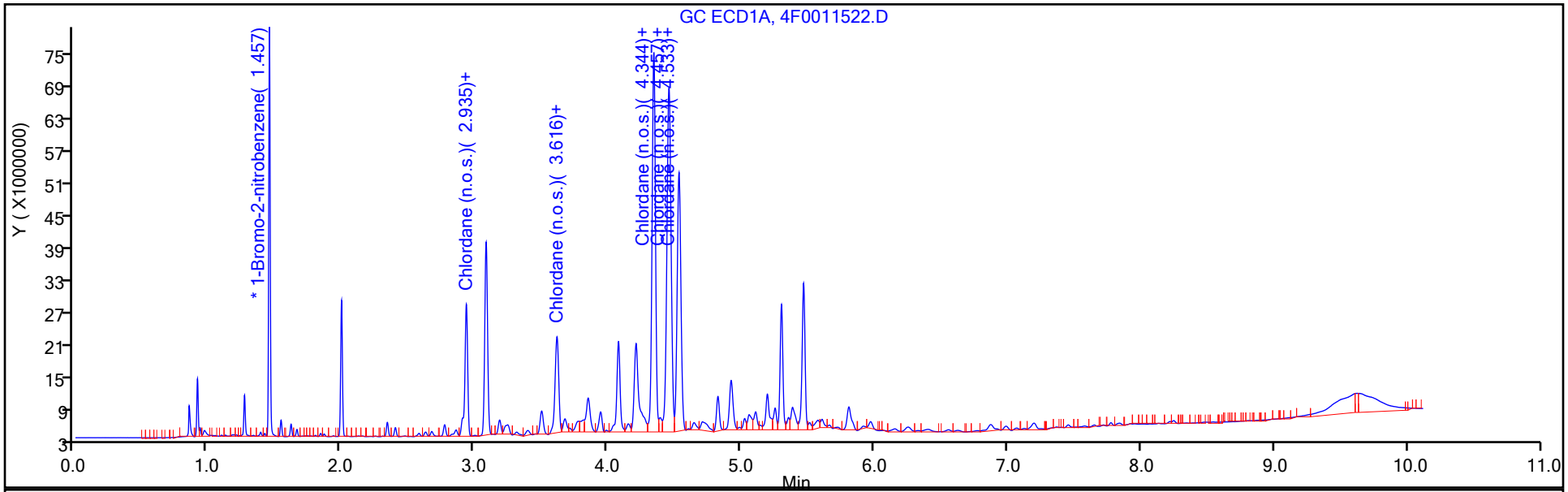
| | | | |
|---|---|---|---|
| SGCHLOR ICV_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

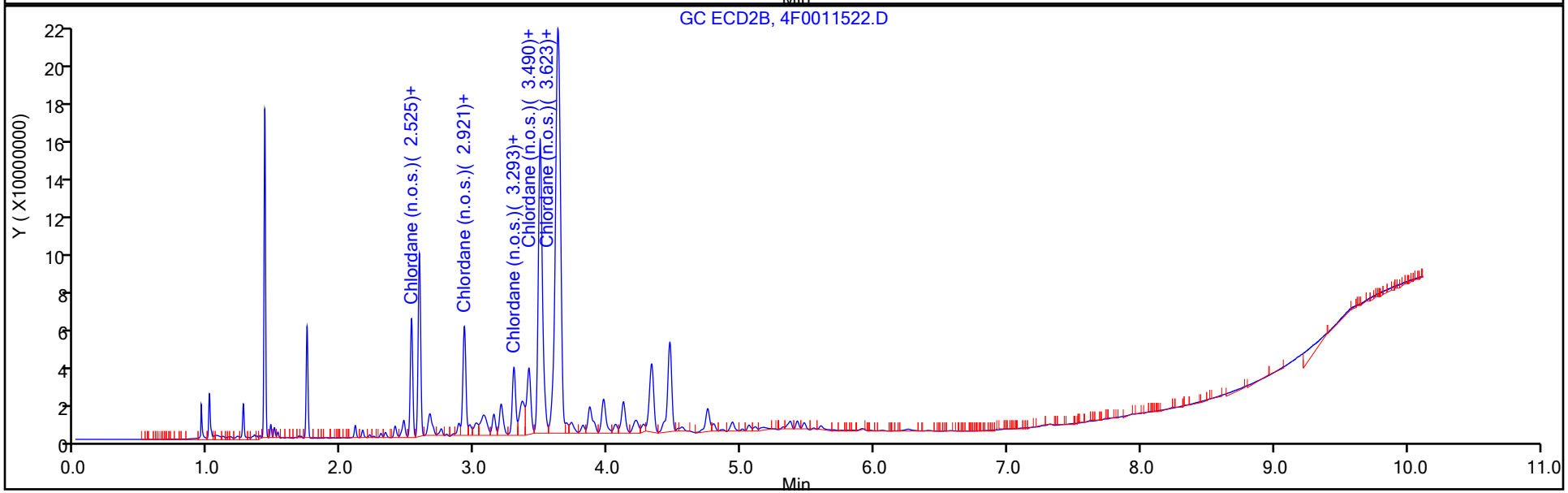
Report Date: 03-Dec-2024 05:07:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:20:53 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | ICV CHLO | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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Report Date: 03-Dec-2024 05:07:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

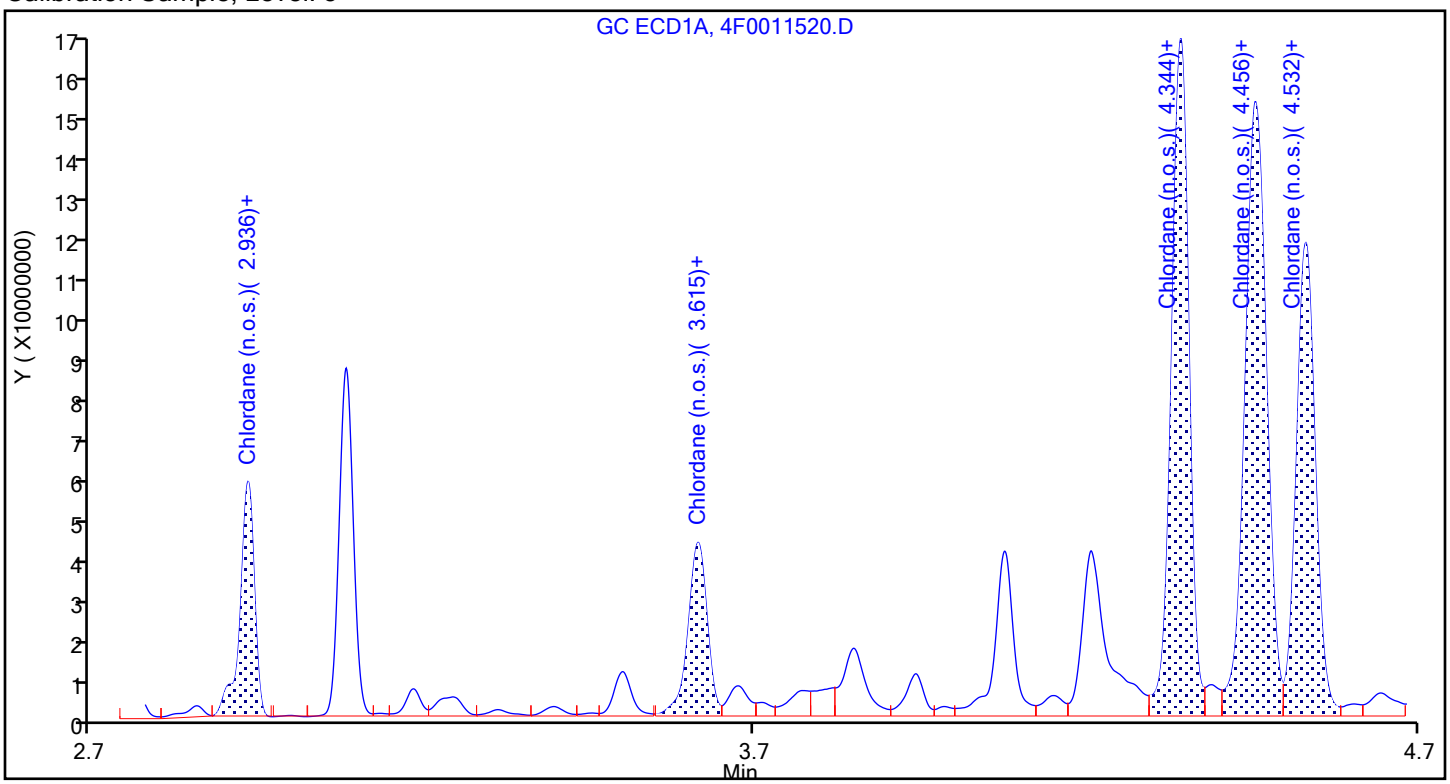
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D

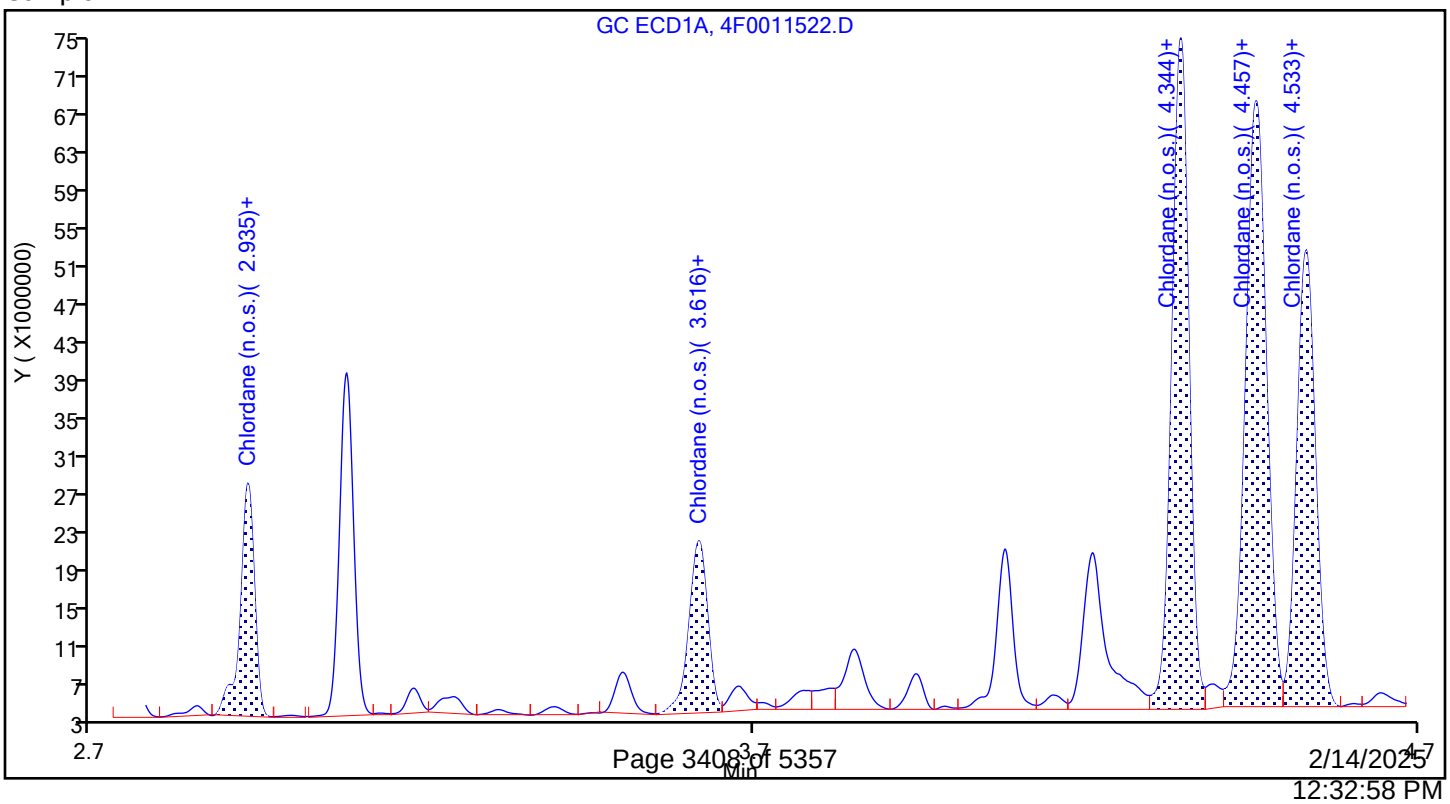
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:20:53 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | ICV CHLO | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009318/9 Calibration Date: 11/27/2024 05:20

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F0011522.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0569 | 0.0557 | | 980 | 1000 | -2.0 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0569 | 0.0557 | | 980 | 1000 | -2.0 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0664 | 0.0658 | | 990 | 1000 | -1.0 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0664 | 0.0658 | | 990 | 1000 | -1.0 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.0451 | 0.0450 | | 996 | 1000 | -0.4 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.0451 | 0.0450 | | 996 | 1000 | -0.4 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2480 | 0.2422 | | 977 | 1000 | -2.3 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2480 | 0.2422 | | 977 | 1000 | -2.3 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.4222 | 0.4122 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.4222 | 0.4122 | | 976 | 1000 | -2.4 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0557 | | 984 | 1000 | -1.6 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009318/9 Calibration Date: 11/27/2024 05:20

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F0011522.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.53 | 2.42 | 2.62 |
| Chlordane (technical) Peak 1 | 2.53 | 2.51 | 2.53 |
| Chlordane (n.o.s.) Peak 2 | 2.92 | 2.82 | 3.02 |
| Chlordane (technical) Peak 2 | 2.92 | 2.91 | 2.93 |
| Chlordane (n.o.s.) Peak 3 | 3.29 | 3.19 | 3.39 |
| Chlordane (technical) Peak 3 | 3.29 | 3.28 | 3.30 |
| Chlordane (n.o.s.) Peak 4 | 3.49 | 3.39 | 3.59 |
| Chlordane (technical) Peak 4 | 3.49 | 3.48 | 3.50 |
| Chlordane (n.o.s.) Peak 5 | 3.62 | 3.53 | 3.73 |
| Chlordane (technical) Peak 5 | 3.62 | 3.62 | 3.64 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D
Lims ID: ICV CHLO
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 05:20:53 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184033-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 03-Dec-2024 05:07:34 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1678

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 60593147 | 100.0 | 100.0 | |
| 2 | 1.422 | 1.422 | 0.000 | 140811769 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 2.935 | 2.936 | -0.001 | 36853876 | 1000.0 | 1046.0 | |
| 1 | 3.616 | 3.616 | 0.000 | 35305727 | 1000.0 | 942.1 | |
| 1 | 4.344 | 4.344 | 0.000 | 126602893 | 1000.0 | 996.9 | |
| 1 | 4.457 | 4.457 | 0.000 | 141230103 | 1000.0 | 995.8 | |
| 1 | 4.533 | 4.532 | 0.001 | 95146016 | 1000.0 | 990.4 | |
| | | Average of Peak Amounts = | | | | 994.2 | |
| 2 | 2.525 | 2.524 | 0.001 | 78465174 | 1000.0 | 979.8 | |
| 2 | 2.921 | 2.922 | -0.001 | 92617763 | 1000.0 | 990.3 | |
| 2 | 3.293 | 3.293 | 0.000 | 63325421 | 1000.0 | 996.3 | |
| 2 | 3.490 | 3.491 | -0.001 | 341057945 | 1000.0 | 976.7 | |
| 2 | 3.623 | 3.626 | -0.003 | 580481759 | 1000.0 | 976.4 | |
| | | Average of Peak Amounts = | | | | 983.9 | |
| | | | | | | RPD = 1.04 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 31 Chlordane (technical) | | | | | | | |
| 1 | 2.935 | 2.936 | -0.001 | 36853876 | 1000.0 | 1046.0 | |
| 1 | 3.616 | 3.616 | 0.000 | 35305727 | 1000.0 | 942.1 | |
| 1 | 4.344 | 4.344 | 0.000 | 126602893 | 1000.0 | 996.9 | |
| 1 | 4.457 | 4.457 | 0.000 | 141230103 | 1000.0 | 995.8 | |
| 1 | 4.533 | 4.532 | 0.001 | 95146016 | 1000.0 | 990.4 | |
| | | Average of Peak Amounts = | | | | 994.2 | |
| 2 | 2.525 | 2.524 | 0.001 | 78465174 | 1000.0 | 979.8 | |
| 2 | 2.921 | 2.922 | -0.001 | 92617763 | 1000.0 | 990.3 | |
| 2 | 3.293 | 3.293 | 0.000 | 63325421 | 1000.0 | 996.3 | |
| 2 | 3.490 | 3.491 | -0.001 | 341057945 | 1000.0 | 976.7 | |
| 2 | 3.623 | 3.626 | -0.003 | 580481759 | 1000.0 | 976.4 | |
| | | Average of Peak Amounts = | | | | 983.9 | |
| | | | | | | RPD = 1.04 | |

## Reagents:

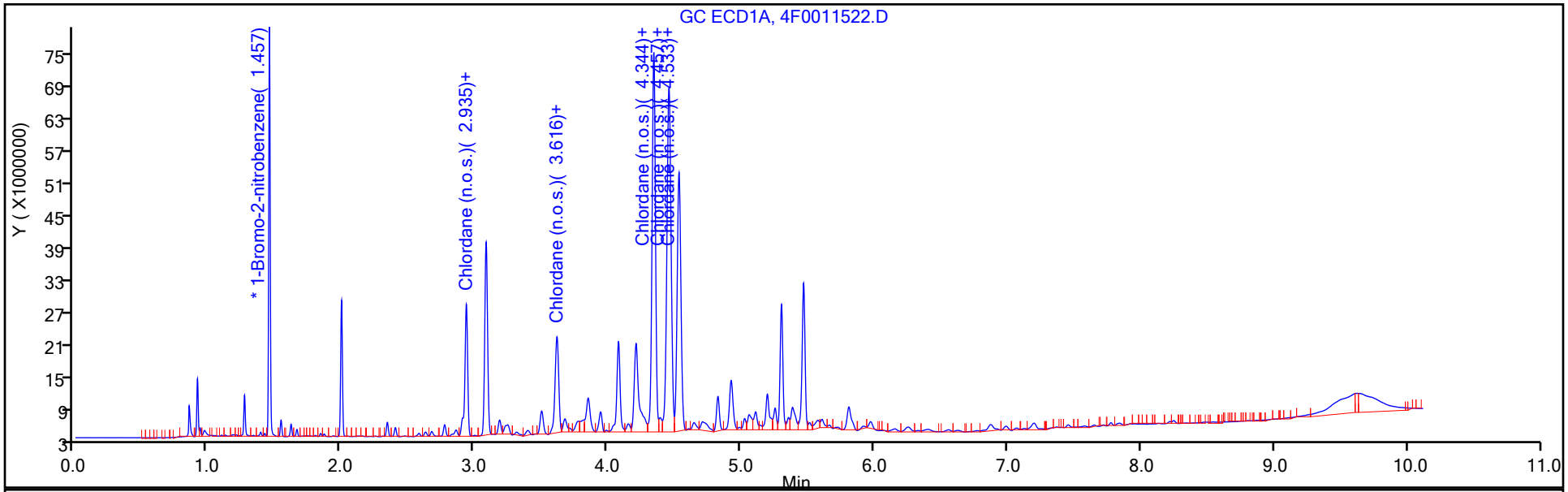
| | | | |
|---|---|---|---|
| SGCHLOR ICV_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

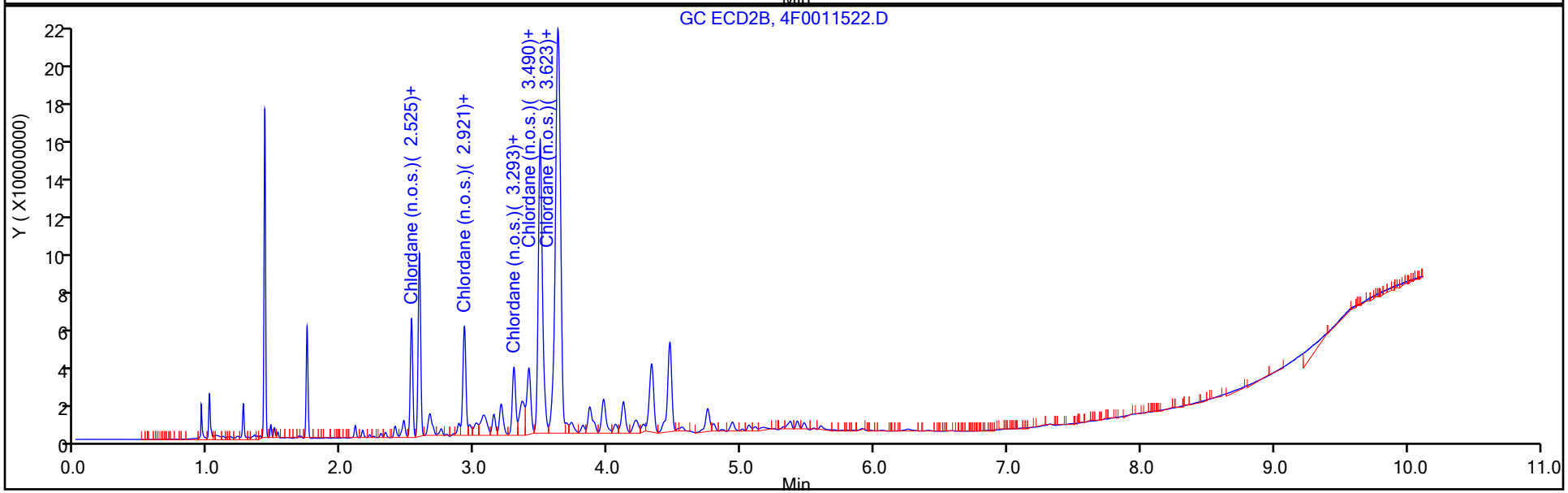
Report Date: 03-Dec-2024 05:07:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:20:53 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | ICV CHLO | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 03-Dec-2024 05:07:57 Chrom Revision: 2.3 12-Nov-2024 16:55:22

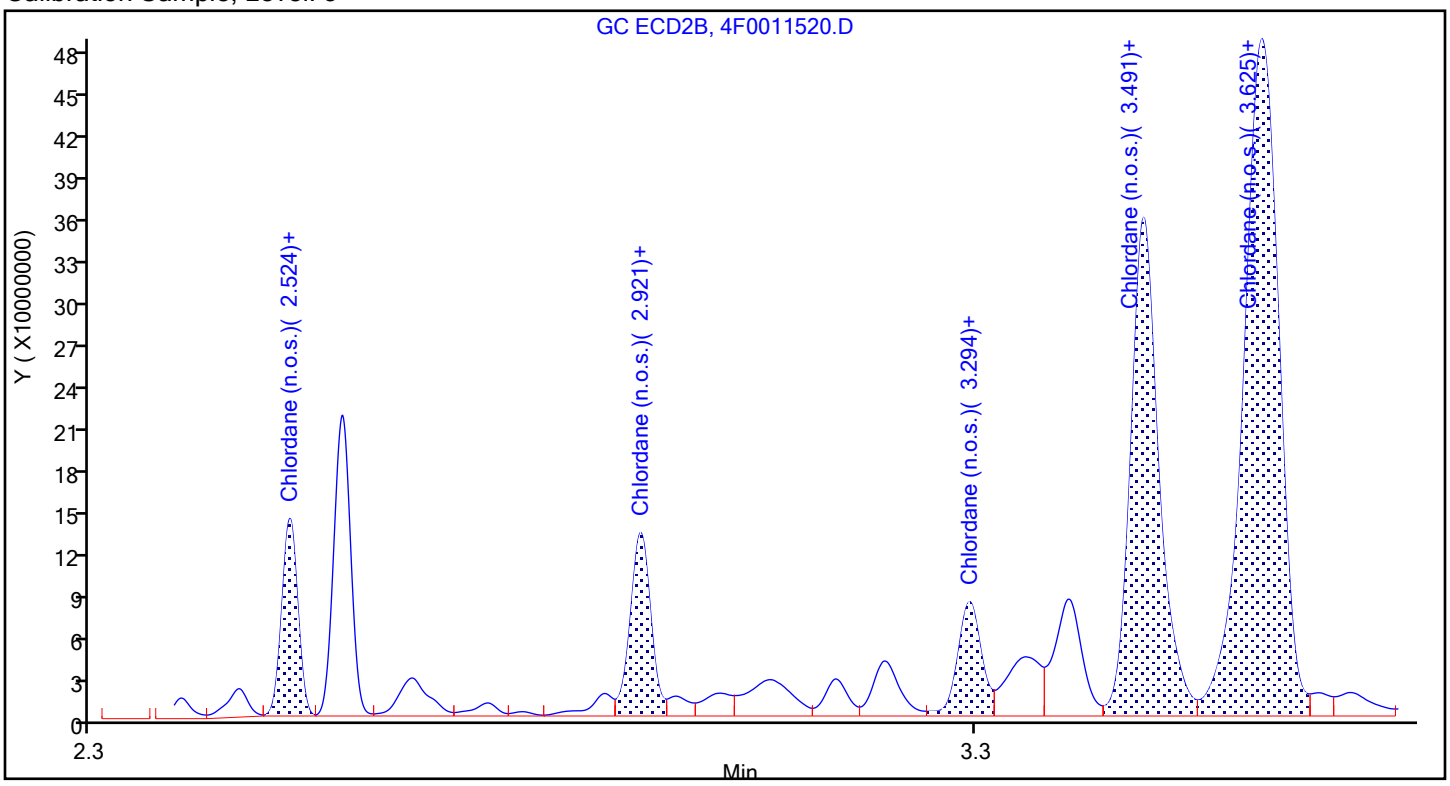
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184033.b\4F0011522.D

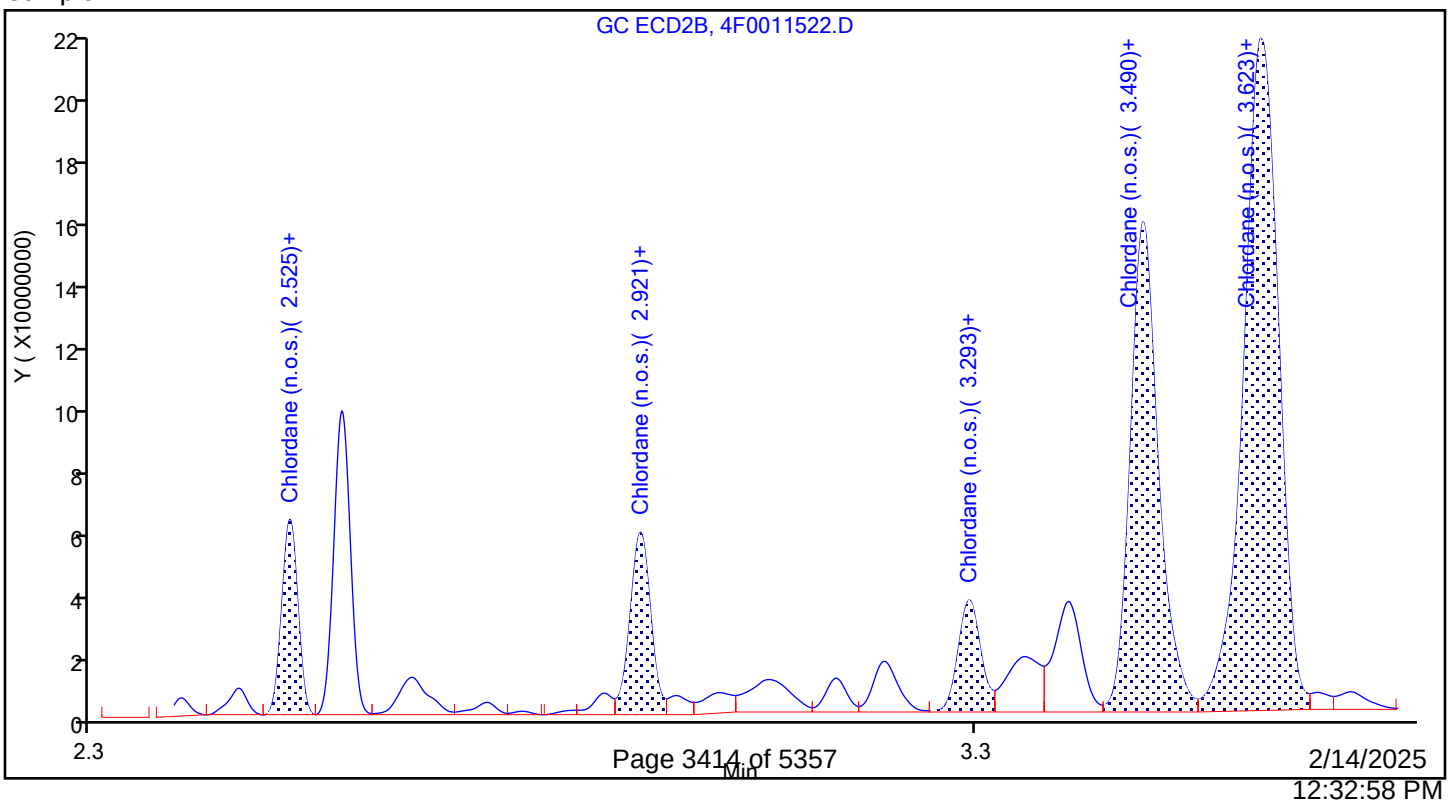
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 05:20:53 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | ICV CHLO | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009321/7  Calibration Date: 11/27/2024 07:11

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 05:36

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 06:40

Lab File ID: 4F0011529.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0190 | 0.0172 | | 905 | 1000 | -9.5 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0634 | 0.0565 | | 891 | 1000 | -10.9 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0503 | 0.0446 | | 887 | 1000 | -11.3 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0421 | 0.0404 | | 959 | 1000 | -4.1 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0701 | 0.0634 | | 905 | 1000 | -9.5 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009321/7 Calibration Date: 11/27/2024 07:11

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F0011529.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.90 | 4.89 | 4.91 |
| Toxaphene Peak 2 | 5.50 | 5.49 | 5.51 |
| Toxaphene Peak 3 | 5.79 | 5.78 | 5.80 |
| Toxaphene Peak 4 | 6.07 | 6.05 | 6.07 |
| Toxaphene Peak 5 | 6.49 | 6.48 | 6.50 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 07:11:47 ALS Bottle#: 16 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 07:32:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 60113255 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 140241362 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.904 | 4.903 | 0.001 | 10357842 | 1000.0 | 905.4 | M |
| 1 | 5.504 | 5.503 | 0.001 | 33945036 | 1000.0 | 890.5 | M |
| 1 | 5.794 | 5.792 | 0.002 | 26794726 | 1000.0 | 886.5 | M |
| 1 | 6.066 | 6.064 | 0.002 | 24272607 | 1000.0 | 959.1 | M |
| 1 | 6.492 | 6.489 | 0.003 | 38115354 | 1000.0 | 905.1 | M |
| | | Average of Peak Amounts = | | | | 909.3 | |
| 2 | 4.915 | 4.913 | 0.002 | 70970243 | 1000.0 | 945.1 | M |
| 2 | 4.974 | 4.973 | 0.001 | 80754267 | 1000.0 | 912.6 | M |
| 2 | 5.291 | 5.289 | 0.002 | 90368258 | 1000.0 | 876.3 | M |
| 2 | 5.622 | 5.619 | 0.003 | 79018812 | 1000.0 | 857.2 | M |
| 2 | 5.791 | 5.789 | 0.002 | 48699586 | 1000.0 | 933.4 | M |
| | | Average of Peak Amounts = | | | | 904.9 | |
| | | | | | | RPD = 0.48 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

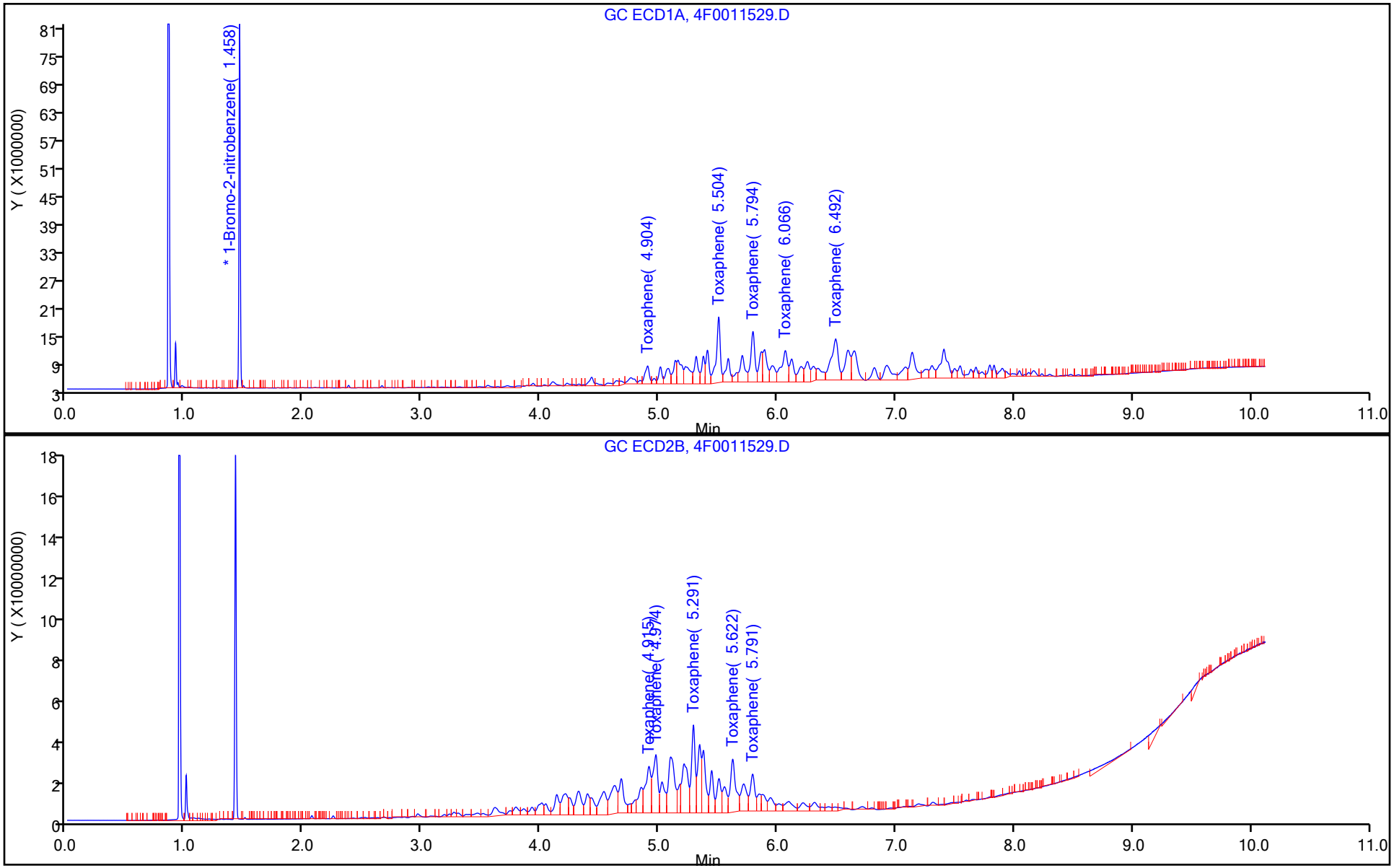
| | | | |
|---|---|---|---|
| SGTOX ICV_00020 | Amount Added: 1.00 | Units: uL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:43:39 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 07:11:47 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | ICV TOX | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





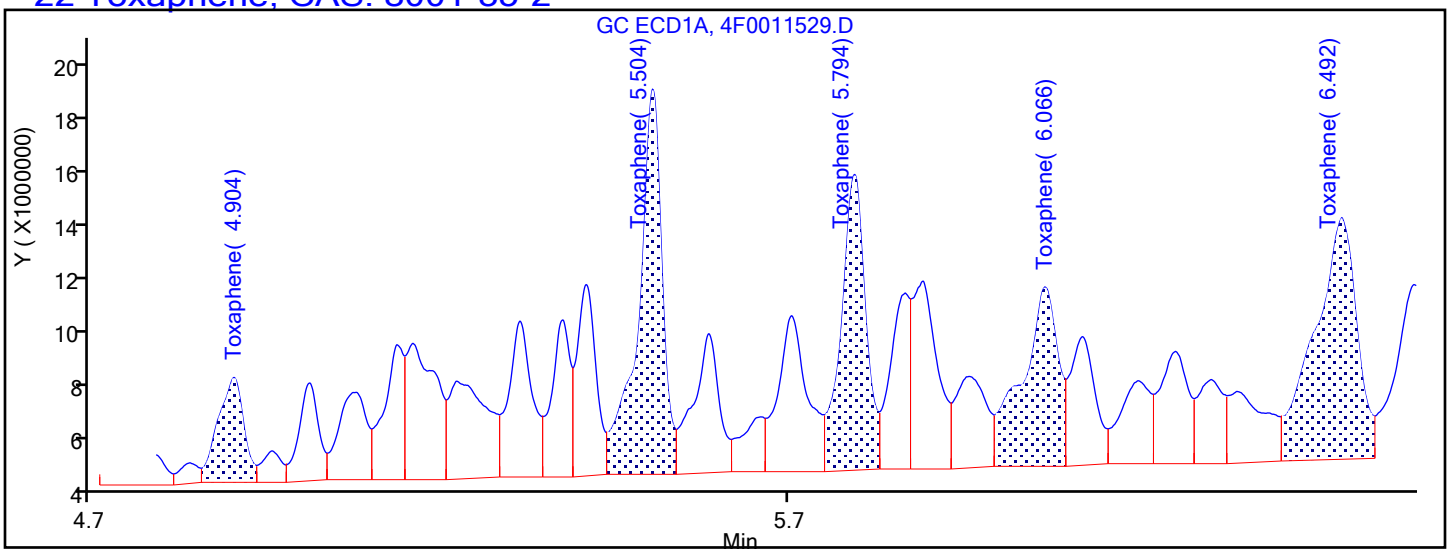

2/14/2025
12:32:58 PM

Report Date: 02-Dec-2024 04:43:39 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

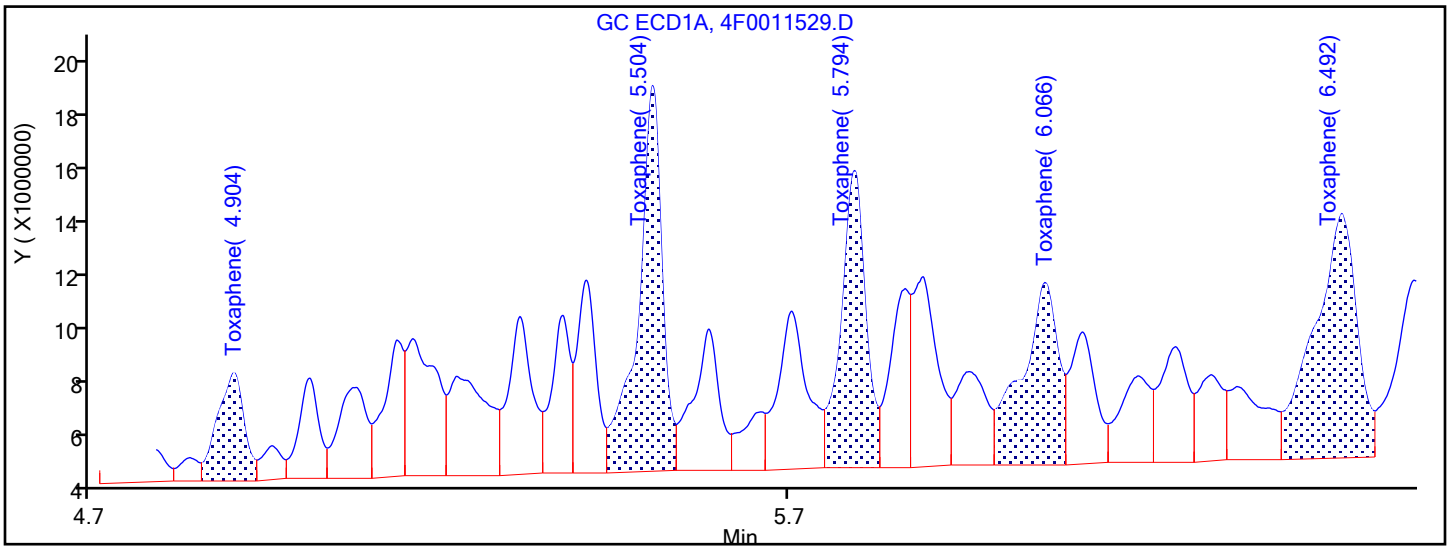
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D
Injection Date: 27-Nov-2024 07:11:47 Instrument ID: CPESTGC4
Lims ID: ICV TOX
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.904 | Response = 9883130 |
| 5.504 | Response = 33303855 |
| 5.794 | Response = 26270323 |
| 6.066 | Response = 23575283 |
| 6.492 | Response = 37162295 |




Manual Integration Results

| | | |
|---|---|---|
| 4.904 | Response = 10357842 | M |
| 5.504 | Response = 33945036 | M |
| 5.794 | Response = 26794726 | M |
| 6.066 | Response = 24272607 | M |
| 6.492 | Response = 38115354 | M |

Reviewer: ESS0, 27-Nov-2024 07:32:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009321/7 Calibration Date: 11/27/2024 07:11

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F0011529.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0535 | 0.0506 | | 945 | 1000 | -5.5 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0631 | 0.0576 | | 913 | 1000 | -8.7 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0735 | 0.0644 | | 876 | 1000 | -12.4 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0657 | 0.0563 | | 857 | 1000 | -14.3 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0372 | 0.0347 | | 933 | 1000 | -6.7 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009321/7 Calibration Date: 11/27/2024 07:11

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F0011529.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.92 | 4.90 | 4.92 |
| Toxaphene Peak 2 | 4.97 | 4.96 | 4.98 |
| Toxaphene Peak 3 | 5.29 | 5.28 | 5.30 |
| Toxaphene Peak 4 | 5.62 | 5.61 | 5.63 |
| Toxaphene Peak 5 | 5.79 | 5.78 | 5.80 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 07:11:47 ALS Bottle#: 16 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184034-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

First Level Reviewer: ESS0 Date: 27-Nov-2024 07:32:06

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 60113255 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 140241362 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.904 | 4.903 | 0.001 | 10357842 | 1000.0 | 905.4 | M |
| 1 | 5.504 | 5.503 | 0.001 | 33945036 | 1000.0 | 890.5 | M |
| 1 | 5.794 | 5.792 | 0.002 | 26794726 | 1000.0 | 886.5 | M |
| 1 | 6.066 | 6.064 | 0.002 | 24272607 | 1000.0 | 959.1 | M |
| 1 | 6.492 | 6.489 | 0.003 | 38115354 | 1000.0 | 905.1 | M |
| | | Average of Peak Amounts = | | | | 909.3 | |
| 2 | 4.915 | 4.913 | 0.002 | 70970243 | 1000.0 | 945.1 | M |
| 2 | 4.974 | 4.973 | 0.001 | 80754267 | 1000.0 | 912.6 | M |
| 2 | 5.291 | 5.289 | 0.002 | 90368258 | 1000.0 | 876.3 | M |
| 2 | 5.622 | 5.619 | 0.003 | 79018812 | 1000.0 | 857.2 | M |
| 2 | 5.791 | 5.789 | 0.002 | 48699586 | 1000.0 | 933.4 | M |
| | | Average of Peak Amounts = | | | | 904.9 | |
| | | | | | | RPD = 0.48 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

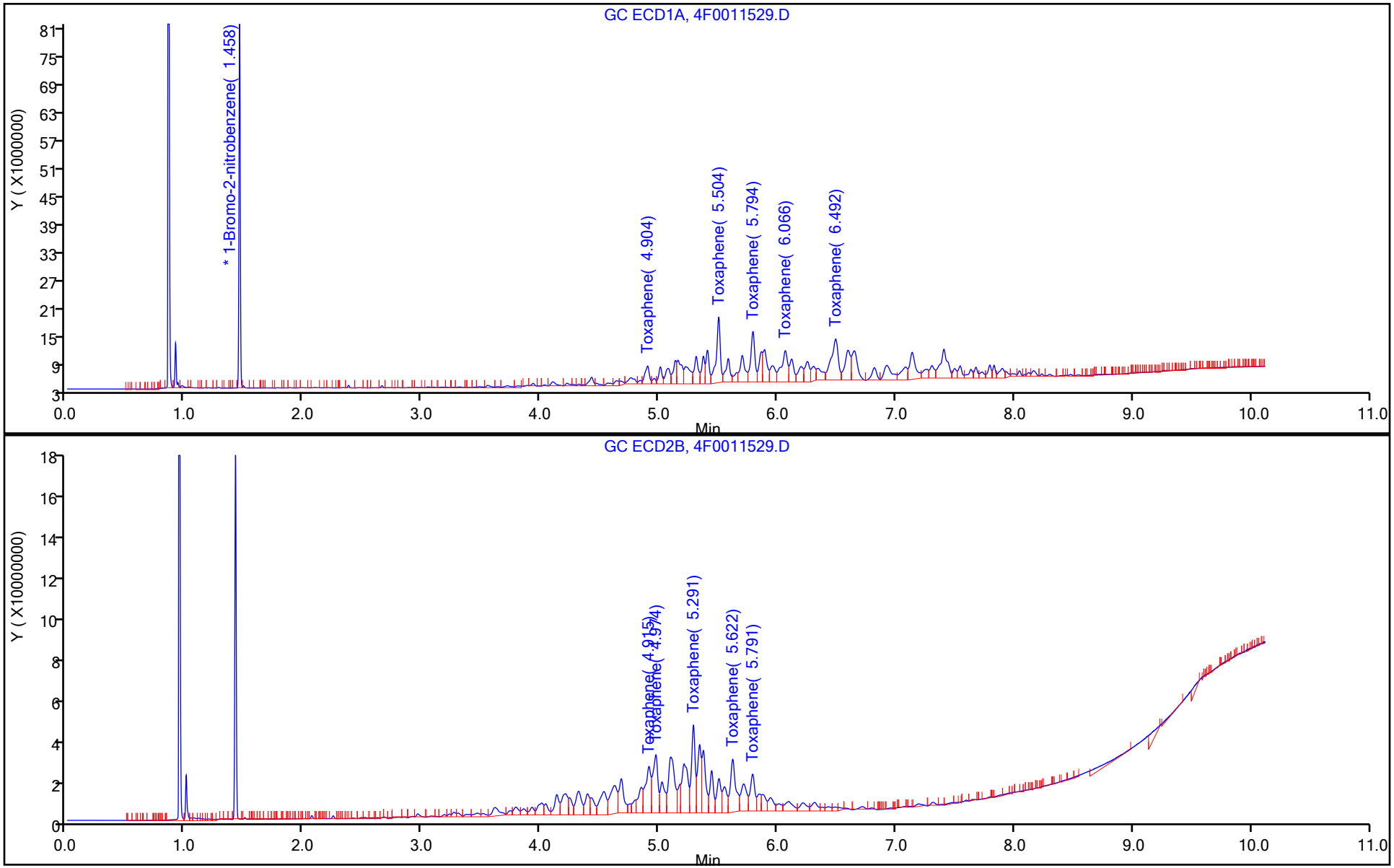
SGTOX ICV_00020 Amount Added: 1.00 Units: uL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 02-Dec-2024 04:43:39 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 07:11:47 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | ICV TOX | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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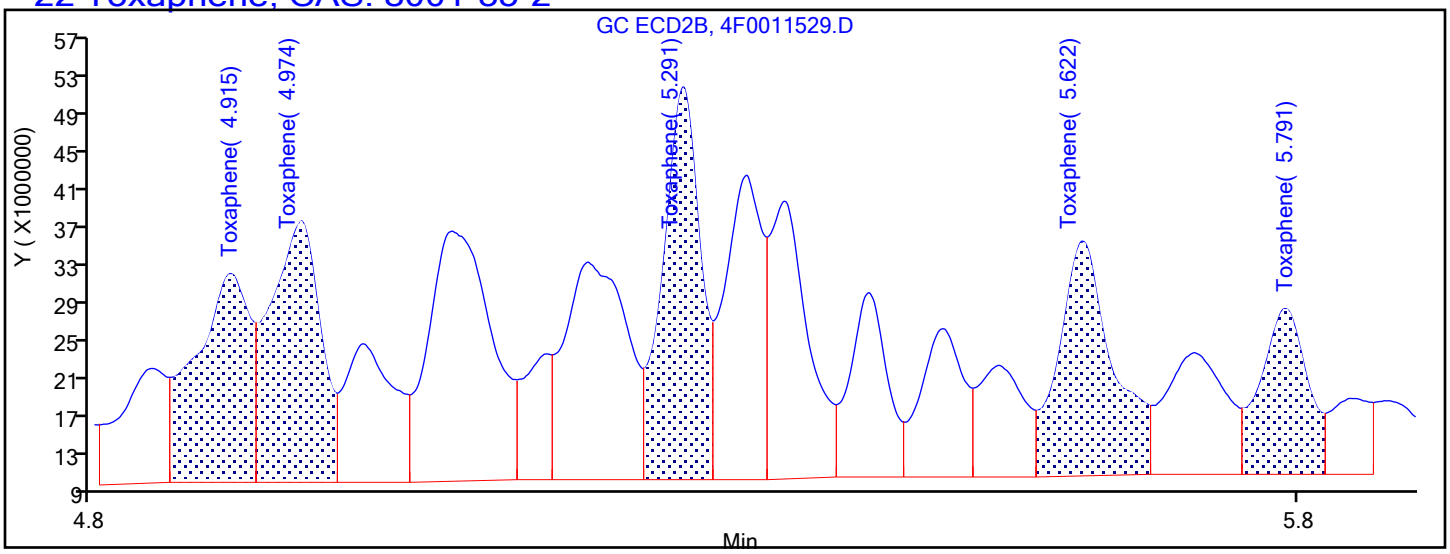
Report Date: 02-Dec-2024 04:43:39 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

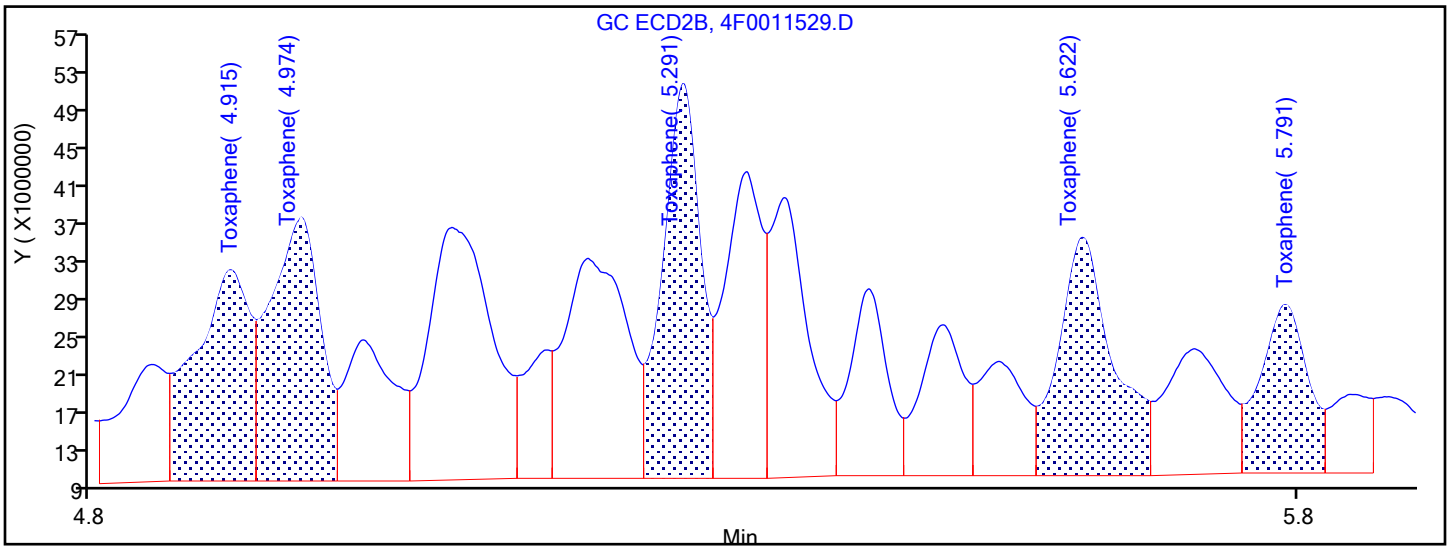
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184034.b\4F0011529.D
Injection Date: 27-Nov-2024 07:11:47 Instrument ID: CPESTGC4
Lims ID: ICV TOX
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.915 | Response = 69702999 |
| 4.974 | Response = 79539397 |
| 5.291 | Response = 89250796 |
| 5.622 | Response = 77024114 |
| 5.791 | Response = 47197770 |




Manual Integration Results

| | | |
|---|---|---|
| 4.915 | Response = 70970243 | M |
| 4.974 | Response = 80754267 | M |
| 5.291 | Response = 90368258 | M |
| 5.622 | Response = 79018812 | M |
| 5.791 | Response = 48699586 | M |

Reviewer: ESS0, 27-Nov-2024 07:31:58 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009324/9  Calibration Date: 11/27/2024 09:51

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F0011538.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.612 | 1.516 | | 94.0 | 100 | -6.0 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.477 | 1.361 | | 92.2 | 100 | -7.8 | 20.0 |
| beta-BHC | Ave | 0.6519 | 0.5842 | | 89.6 | 100 | -10.4 | 20.0 |
| delta-BHC | Ave | 1.494 | 1.383 | | 92.6 | 100 | -7.4 | 20.0 |
| Heptachlor | Ave | 1.558 | 1.433 | | 91.9 | 100 | -8.1 | 20.0 |
| Aldrin | Ave | 1.556 | 1.402 | | 90.1 | 100 | -9.9 | 20.0 |
| Heptachlor epoxide | Ave | 1.359 | 1.257 | | 92.5 | 100 | -7.5 | 20.0 |
| trans-Chlordane | Ave | 1.387 | 1.297 | | 93.5 | 100 | -6.5 | 20.0 |
| cis-Chlordane | Ave | 1.331 | 1.235 | | 92.8 | 100 | -7.2 | 20.0 |
| Endosulfan I | Ave | 1.266 | 1.171 | | 92.5 | 100 | -7.5 | 20.0 |
| 4,4'-DDE | Ave | 1.373 | 1.269 | | 92.4 | 100 | -7.6 | 20.0 |
| Dieldrin | Ave | 1.422 | 1.300 | | 91.5 | 100 | -8.5 | 20.0 |
| Endrin | Ave | 1.298 | 1.198 | | 92.3 | 100 | -7.7 | 20.0 |
| 4,4'-DDD | Ave | 1.216 | 1.127 | | 92.7 | 100 | -7.3 | 20.0 |
| Endosulfan II | Ave | 1.186 | 1.148 | | 96.8 | 100 | -3.2 | 20.0 |
| 4,4'-DDT | Ave | 1.233 | 1.154 | | 93.6 | 100 | -6.4 | 20.0 |
| Endrin aldehyde | Ave | 0.9437 | 0.8888 | | 94.2 | 100 | -5.8 | 20.0 |
| Endosulfan sulfate | Ave | 1.276 | 1.169 | | 91.6 | 100 | -8.4 | 20.0 |
| Methoxychlor | Ave | 0.6963 | 0.6737 | | 96.7 | 100 | -3.3 | 20.0 |
| Mirex | Ave | 1.041 | 0.998 | | 95.9 | 100 | -4.1 | 20.0 |
| Endrin ketone | Ave | 1.468 | 1.369 | | 93.3 | 100 | -6.7 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.102 | 1.011 | | 91.7 | 100 | -8.3 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.153 | 1.054 | | 91.5 | 100 | -8.5 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009324/9  Calibration Date: 11/27/2024 09:51

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F0011538.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.38 | 2.37 | 2.39 |
| gamma-BHC (Lindane) | 2.67 | 2.65 | 2.67 |
| beta-BHC | 2.72 | 2.71 | 2.73 |
| delta-BHC | 3.01 | 3.00 | 3.02 |
| Heptachlor | 3.08 | 3.07 | 3.09 |
| Aldrin | 3.45 | 3.43 | 3.45 |
| Heptachlor epoxide | 4.12 | 4.11 | 4.13 |
| trans-Chlordane | 4.34 | 4.33 | 4.35 |
| cis-Chlordane | 4.53 | 4.52 | 4.54 |
| Endosulfan I | 4.61 | 4.60 | 4.62 |
| 4,4'-DDE | 4.75 | 4.74 | 4.76 |
| Dieldrin | 4.92 | 4.91 | 4.93 |
| Endrin | 5.23 | 5.21 | 5.23 |
| 4,4'-DDD | 5.34 | 5.33 | 5.35 |
| Endosulfan II | 5.43 | 5.42 | 5.44 |
| 4,4'-DDT | 5.67 | 5.66 | 5.68 |
| Endrin aldehyde | 5.79 | 5.78 | 5.80 |
| Endosulfan sulfate | 6.14 | 6.13 | 6.15 |
| Methoxychlor | 6.73 | 6.72 | 6.74 |
| Mirex | 6.88 | 6.81 | 6.95 |
| Endrin ketone | 6.99 | 6.91 | 7.05 |
| Tetrachloro-m-xylene | 1.96 | 1.95 | 1.97 |
| DCB Decachlorobiphenyl | 8.21 | 8.12 | 8.32 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011538.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 09:51:40 ALS Bottle#: 25 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 64430669 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 152032947 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.962 | 1.961 | 0.001 | 65116211 | 100.0 | 91.7 | |
| 2 | 1.768 | 1.769 | -0.001 | 160930671 | 100.0 | 91.4 | |
| | | | | | | RPD = 0.38 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 97674749 | 100.0 | 94.0 | |
| 2 | 2.068 | 2.069 | -0.001 | 235544161 | 100.0 | 92.8 | |
| | | | | | | RPD = 1.37 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.666 | 2.664 | 0.002 | 87717964 | 100.0 | 92.2 | |
| 2 | 2.256 | 2.256 | 0.000 | 211302688 | 100.0 | 91.7 | |
| | | | | | | RPD = 0.53 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.722 | 2.721 | 0.001 | 37639980 | 100.0 | 89.6 | |
| 2 | 2.305 | 2.304 | 0.001 | 89594395 | 100.0 | 90.6 | |
| | | | | | | RPD = 1.11 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.009 | 3.008 | 0.001 | 89131882 | 100.0 | 92.6 | |
| 2 | 2.427 | 2.426 | 0.001 | 214568127 | 100.0 | 92.1 | |
| | | | | | | RPD = 0.52 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.084 | 3.084 | 0.000 | 92297473 | 100.0 | 91.9 | |
| 2 | 2.584 | 2.584 | 0.000 | 224944019 | 100.0 | 92.8 | |
| | | | | | | RPD = 0.96 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 90314819 | 100.0 | 90.1 | |
| 2 | 2.817 | 2.817 | 0.000 | 218533646 | 100.0 | 90.4 | |
| | | | | | | RPD = 0.30 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 80983919 | 100.0 | 92.5 | |
| 2 | 3.360 | 3.360 | 0.000 | 202091171 | 100.0 | 92.6 | |
| | | | | | | RPD = 0.09 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 83542188 | 100.0 | 93.5 | |
| 2 | 3.492 | 3.490 | 0.002 | 209030712 | 100.0 | 92.9 | |
| | | | | | | RPD = 0.60 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.533 | 4.532 | 0.001 | 79550378 | 100.0 | 92.8 | |
| 2 | 3.638 | 3.638 | 0.000 | 200847488 | 100.0 | 92.6 | |
| | | | | | | RPD = 0.23 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.609 | 4.609 | 0.000 | 75477661 | 100.0 | 92.5 | |
| 2 | 3.788 | 3.786 | 0.002 | 189209450 | 100.0 | 91.6 | |
| | | | | | | RPD = 0.98 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.749 | 4.749 | 0.000 | 81742452 | 100.0 | 92.4 | |
| 2 | 3.734 | 3.733 | 0.001 | 207885483 | 100.0 | 91.1 | |
| | | | | | | RPD = 1.40 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.923 | 4.922 | 0.001 | 83777634 | 100.0 | 91.5 | |
| 2 | 4.039 | 4.039 | 0.000 | 209906359 | 100.0 | 90.4 | |
| | | | | | | RPD = 1.13 | |
| 20 Endrin | | | | | | | |
| 1 | 5.226 | 5.224 | 0.002 | 77162003 | 100.0 | 92.3 | |
| 2 | 4.285 | 4.284 | 0.001 | 191968423 | 100.0 | 91.2 | |
| | | | | | | RPD = 1.14 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.344 | 5.344 | 0.000 | 72599895 | 100.0 | 92.7 | |
| 2 | 4.385 | 4.385 | 0.000 | 172900776 | 100.0 | 90.7 | |
| | | | | | | RPD = 2.09 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.426 | 5.425 | 0.001 | 73941253 | 100.0 | 96.8 | |
| 2 | 4.547 | 4.547 | 0.000 | 174830598 | 100.0 | 95.6 | |
| | | | | | | RPD = 1.26 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 74347151 | 100.0 | 93.6 | |
| 2 | 4.722 | 4.722 | 0.000 | 175476003 | 100.0 | 91.3 | |
| | | | | | | RPD = 2.51 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 57265011 | 100.0 | 94.2 | |
| 2 | 4.995 | 4.994 | 0.001 | 149899063 | 100.0 | 96.6 | |
| | | | | | | RPD = 2.57 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.143 | 6.144 | -0.001 | 75322585 | 100.0 | 91.6 | |
| 2 | 5.388 | 5.387 | 0.001 | 194171712 | 100.0 | 93.7 | |
| | | | | | | RPD = 2.23 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.728 | 6.729 | -0.001 | 43404342 | 100.0 | 96.7 | |
| 2 | 5.222 | 5.221 | 0.001 | 104926151 | 100.0 | 99.2 | |
| | | | | | | RPD = 2.53 | |
| 34 Mirex | | | | | | | |
| 1 | 6.881 | 6.879 | 0.002 | 64326917 | 100.0 | 95.9 | |
| 2 | 5.283 | 5.282 | 0.001 | 152887088 | 100.0 | 98.3 | |
| | | | | | | RPD = 2.47 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.985 | 6.984 | 0.001 | 88237335 | 100.0 | 93.3 | |
| 2 | 5.638 | 5.637 | 0.001 | 213772831 | 100.0 | 92.2 | |
| | | | | | | RPD = 1.14 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.213 | 8.219 | -0.006 | 67941313 | 100.0 | 91.5 | |
| 2 | 7.150 | 7.149 | 0.001 | 198916983 | 100.0 | 91.2 | |
| | | | | | | RPD = 0.33 | |

## Reagents:

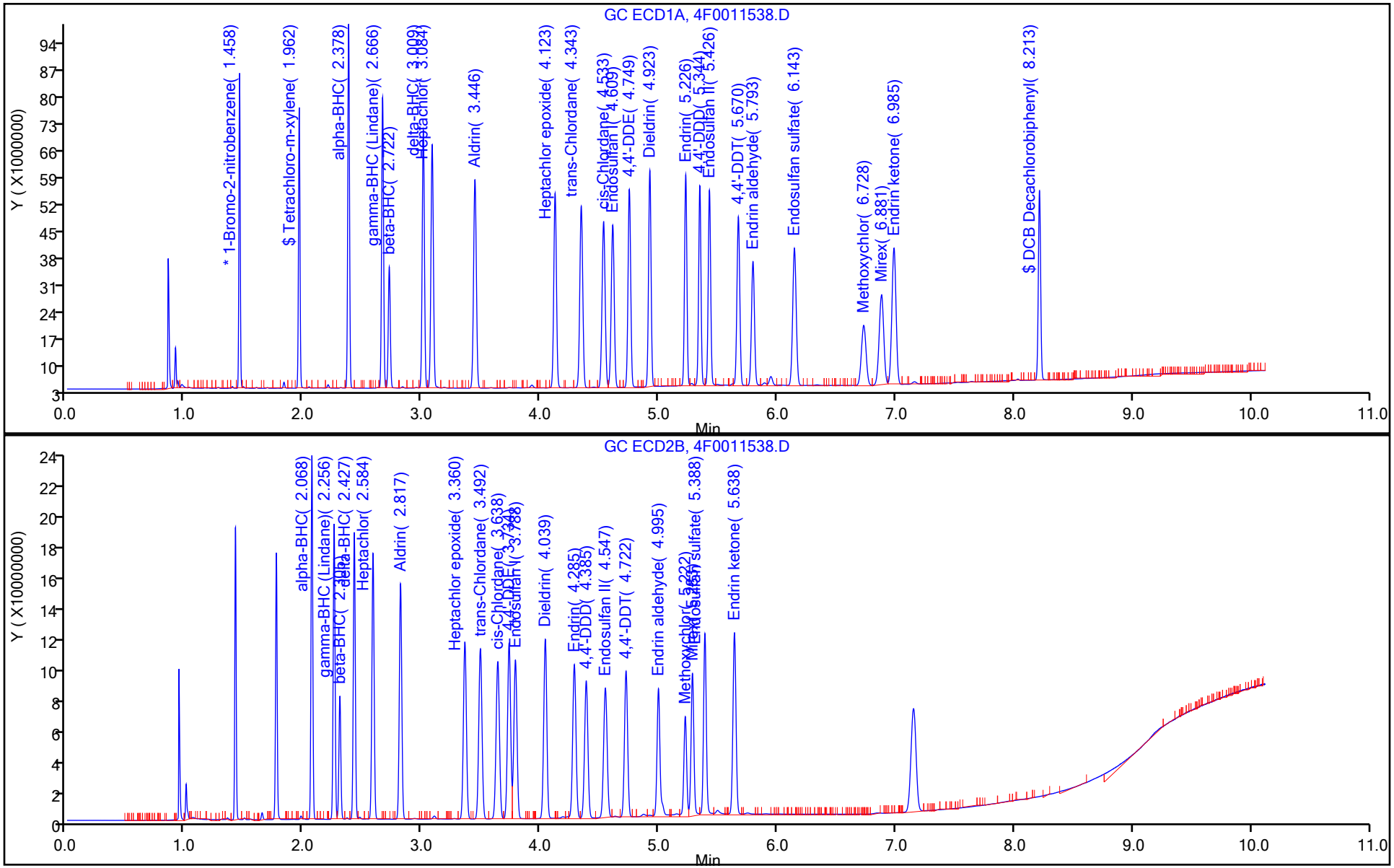
| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:43:56 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011538.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Nov-2024 09:51:40 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | ICV PEST | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009324/9 Calibration Date: 11/27/2024 09:51

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 08:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 09:20

Lab File ID: 4F0011538.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.670 | 1.549 | | 92.8 | 100 | -7.2 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.516 | 1.390 | | 91.7 | 100 | -8.3 | 20.0 |
| beta-BHC | Ave | 0.6503 | 0.5893 | | 90.6 | 100 | -9.4 | 20.0 |
| delta-BHC | Ave | 1.532 | 1.411 | | 92.1 | 100 | -7.9 | 20.0 |
| Heptachlor | Ave | 1.594 | 1.480 | | 92.8 | 100 | -7.2 | 20.0 |
| Aldrin | Ave | 1.590 | 1.437 | | 90.4 | 100 | -9.6 | 20.0 |
| Heptachlor epoxide | Ave | 1.436 | 1.329 | | 92.6 | 100 | -7.4 | 20.0 |
| trans-Chlordane | Ave | 1.480 | 1.375 | | 92.9 | 100 | -7.1 | 20.0 |
| cis-Chlordane | Ave | 1.427 | 1.321 | | 92.6 | 100 | -7.4 | 20.0 |
| 4,4'-DDE | Ave | 1.501 | 1.367 | | 91.1 | 100 | -8.9 | 20.0 |
| Endosulfan I | Ave | 1.358 | 1.245 | | 91.6 | 100 | -8.4 | 20.0 |
| Dieldrin | Ave | 1.527 | 1.381 | | 90.4 | 100 | -9.6 | 20.0 |
| Endrin | Ave | 1.384 | 1.263 | | 91.2 | 100 | -8.8 | 20.0 |
| 4,4'-DDD | Ave | 1.253 | 1.137 | | 90.7 | 100 | -9.3 | 20.0 |
| Endosulfan II | Ave | 1.203 | 1.150 | | 95.6 | 100 | -4.4 | 20.0 |
| 4,4'-DDT | Ave | 1.265 | 1.154 | | 91.3 | 100 | -8.7 | 20.0 |
| Endrin aldehyde | Ave | 1.020 | 0.9860 | | 96.6 | 100 | -3.4 | 20.0 |
| Methoxychlor | Ave | 0.6956 | 0.6902 | | 99.2 | 100 | -0.8 | 20.0 |
| Mirex | Ave | 1.023 | 1.006 | | 98.3 | 100 | -1.7 | 20.0 |
| Endosulfan sulfate | Ave | 1.363 | 1.277 | | 93.7 | 100 | -6.3 | 20.0 |
| Endrin ketone | Ave | 1.525 | 1.406 | | 92.2 | 100 | -7.8 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.158 | 1.059 | | 91.4 | 100 | -8.6 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.435 | 1.308 | | 91.2 | 100 | -8.8 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1009324/9  Calibration Date: 11/27/2024 09:51

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F0011538.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.07 | 2.06 | 2.08 |
| gamma-BHC (Lindane) | 2.26 | 2.25 | 2.27 |
| beta-BHC | 2.31 | 2.29 | 2.31 |
| delta-BHC | 2.43 | 2.42 | 2.44 |
| Heptachlor | 2.58 | 2.57 | 2.59 |
| Aldrin | 2.82 | 2.81 | 2.83 |
| Heptachlor epoxide | 3.36 | 3.35 | 3.37 |
| trans-Chlordane | 3.49 | 3.48 | 3.50 |
| cis-Chlordane | 3.64 | 3.63 | 3.65 |
| 4,4'-DDE | 3.73 | 3.72 | 3.74 |
| Endosulfan I | 3.79 | 3.78 | 3.80 |
| Dieldrin | 4.04 | 4.03 | 4.05 |
| Endrin | 4.29 | 4.27 | 4.29 |
| 4,4'-DDD | 4.39 | 4.38 | 4.40 |
| Endosulfan II | 4.55 | 4.54 | 4.56 |
| 4,4'-DDT | 4.72 | 4.71 | 4.73 |
| Endrin aldehyde | 5.00 | 4.98 | 5.00 |
| Methoxychlor | 5.22 | 5.21 | 5.23 |
| Mirex | 5.28 | 5.21 | 5.35 |
| Endosulfan sulfate | 5.39 | 5.38 | 5.40 |
| Endrin ketone | 5.64 | 5.57 | 5.71 |
| Tetrachloro-m-xylene | 1.77 | 1.76 | 1.78 |
| DCB Decachlorobiphenyl | 7.15 | 7.05 | 7.25 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011538.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 27-Nov-2024 09:51:40 ALS Bottle#: 25 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0184035-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 02-Dec-2024 04:42:07 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1607

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.458 | 0.000 | 64430669 | 100.0 | 100.0 | |
| 2 | 1.423 | 1.423 | 0.000 | 152032947 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.962 | 1.961 | 0.001 | 65116211 | 100.0 | 91.7 | |
| 2 | 1.768 | 1.769 | -0.001 | 160930671 | 100.0 | 91.4 | |
| | | | | | | RPD = 0.38 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.378 | 2.378 | 0.000 | 97674749 | 100.0 | 94.0 | |
| 2 | 2.068 | 2.069 | -0.001 | 235544161 | 100.0 | 92.8 | |
| | | | | | | RPD = 1.37 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.666 | 2.664 | 0.002 | 87717964 | 100.0 | 92.2 | |
| 2 | 2.256 | 2.256 | 0.000 | 211302688 | 100.0 | 91.7 | |
| | | | | | | RPD = 0.53 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.722 | 2.721 | 0.001 | 37639980 | 100.0 | 89.6 | |
| 2 | 2.305 | 2.304 | 0.001 | 89594395 | 100.0 | 90.6 | |
| | | | | | | RPD = 1.11 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.009 | 3.008 | 0.001 | 89131882 | 100.0 | 92.6 | |
| 2 | 2.427 | 2.426 | 0.001 | 214568127 | 100.0 | 92.1 | |
| | | | | | | RPD = 0.52 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.084 | 3.084 | 0.000 | 92297473 | 100.0 | 91.9 | |
| 2 | 2.584 | 2.584 | 0.000 | 224944019 | 100.0 | 92.8 | |
| | | | | | | RPD = 0.96 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.446 | 3.444 | 0.002 | 90314819 | 100.0 | 90.1 | |
| 2 | 2.817 | 2.817 | 0.000 | 218533646 | 100.0 | 90.4 | |
| | | | | | | RPD = 0.30 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.123 | 4.121 | 0.002 | 80983919 | 100.0 | 92.5 | |
| 2 | 3.360 | 3.360 | 0.000 | 202091171 | 100.0 | 92.6 | |
| | | | | | | RPD = 0.09 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.343 | 4.343 | 0.000 | 83542188 | 100.0 | 93.5 | |
| 2 | 3.492 | 3.490 | 0.002 | 209030712 | 100.0 | 92.9 | |
| | | | | | | RPD = 0.60 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.533 | 4.532 | 0.001 | 79550378 | 100.0 | 92.8 | |
| 2 | 3.638 | 3.638 | 0.000 | 200847488 | 100.0 | 92.6 | |
| | | | | | | RPD = 0.23 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.609 | 4.609 | 0.000 | 75477661 | 100.0 | 92.5 | |
| 2 | 3.788 | 3.786 | 0.002 | 189209450 | 100.0 | 91.6 | |
| | | | | | | RPD = 0.98 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.749 | 4.749 | 0.000 | 81742452 | 100.0 | 92.4 | |
| 2 | 3.734 | 3.733 | 0.001 | 207885483 | 100.0 | 91.1 | |
| | | | | | | RPD = 1.40 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.923 | 4.922 | 0.001 | 83777634 | 100.0 | 91.5 | |
| 2 | 4.039 | 4.039 | 0.000 | 209906359 | 100.0 | 90.4 | |
| | | | | | | RPD = 1.13 | |
| 20 Endrin | | | | | | | |
| 1 | 5.226 | 5.224 | 0.002 | 77162003 | 100.0 | 92.3 | |
| 2 | 4.285 | 4.284 | 0.001 | 191968423 | 100.0 | 91.2 | |
| | | | | | | RPD = 1.14 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.344 | 5.344 | 0.000 | 72599895 | 100.0 | 92.7 | |
| 2 | 4.385 | 4.385 | 0.000 | 172900776 | 100.0 | 90.7 | |
| | | | | | | RPD = 2.09 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.426 | 5.425 | 0.001 | 73941253 | 100.0 | 96.8 | |
| 2 | 4.547 | 4.547 | 0.000 | 174830598 | 100.0 | 95.6 | |
| | | | | | | RPD = 1.26 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.670 | 5.669 | 0.001 | 74347151 | 100.0 | 93.6 | |
| 2 | 4.722 | 4.722 | 0.000 | 175476003 | 100.0 | 91.3 | |
| | | | | | | RPD = 2.51 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.793 | 5.793 | 0.000 | 57265011 | 100.0 | 94.2 | |
| 2 | 4.995 | 4.994 | 0.001 | 149899063 | 100.0 | 96.6 | |
| | | | | | | RPD = 2.57 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.143 | 6.144 | -0.001 | 75322585 | 100.0 | 91.6 | |
| 2 | 5.388 | 5.387 | 0.001 | 194171712 | 100.0 | 93.7 | |
| | | | | | | RPD = 2.23 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.728 | 6.729 | -0.001 | 43404342 | 100.0 | 96.7 | |
| 2 | 5.222 | 5.221 | 0.001 | 104926151 | 100.0 | 99.2 | |
| | | | | | | RPD = 2.53 | |
| 34 Mirex | | | | | | | |
| 1 | 6.881 | 6.879 | 0.002 | 64326917 | 100.0 | 95.9 | |
| 2 | 5.283 | 5.282 | 0.001 | 152887088 | 100.0 | 98.3 | |
| | | | | | | RPD = 2.47 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.985 | 6.984 | 0.001 | 88237335 | 100.0 | 93.3 | |
| 2 | 5.638 | 5.637 | 0.001 | 213772831 | 100.0 | 92.2 | |
| | | | | | | RPD = 1.14 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.213 | 8.219 | -0.006 | 67941313 | 100.0 | 91.5 | |
| 2 | 7.150 | 7.149 | 0.001 | 198916983 | 100.0 | 91.2 | |
| | | | | | | RPD = 0.33 | |

## Reagents:

| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 02-Dec-2024 04:43:56 Chrom Revision: 2.3 12-Nov-2024 16:55:22

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011538.D

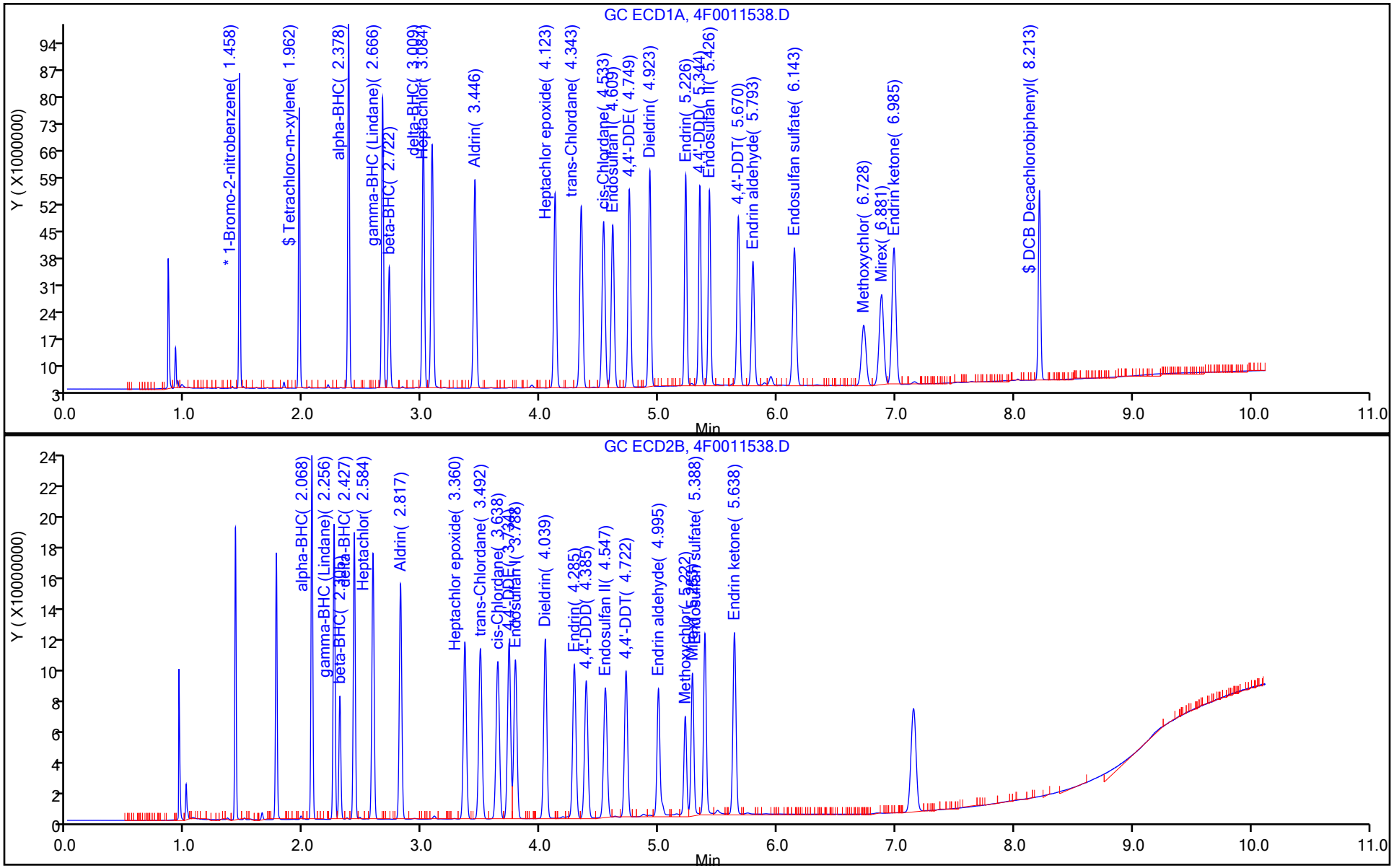
Injection Date: 27-Nov-2024 09:51:40 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 25

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020347/3  Calibration Date: 02/09/2025 07:45

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001967.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.612 | 1.636 | | 101 | 100 | 1.5 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.477 | 1.540 | | 104 | 100 | 4.3 | 20.0 |
| beta-BHC | Ave | 0.6519 | 0.6766 | | 104 | 100 | 3.8 | 20.0 |
| delta-BHC | Ave | 1.494 | 1.511 | | 101 | 100 | 1.2 | 20.0 |
| Heptachlor | Ave | 1.558 | 1.597 | | 103 | 100 | 2.5 | 20.0 |
| Aldrin | Ave | 1.556 | 1.657 | | 107 | 100 | 6.5 | 20.0 |
| Heptachlor epoxide | Ave | 1.359 | 1.393 | | 102 | 100 | 2.5 | 20.0 |
| trans-Chlordane | Ave | 1.387 | 1.434 | | 103 | 100 | 3.4 | 20.0 |
| cis-Chlordane | Ave | 1.331 | 1.322 | | 99.4 | 100 | -0.6 | 20.0 |
| Endosulfan I | Ave | 1.266 | 1.332 | | 105 | 100 | 5.2 | 20.0 |
| 4,4'-DDE | Ave | 1.373 | 1.408 | | 103 | 100 | 2.5 | 20.0 |
| Dieldrin | Ave | 1.422 | 1.492 | | 105 | 100 | 4.9 | 20.0 |
| Endrin | Ave | 1.298 | 1.156 | | 89.1 | 100 | -10.9 | 20.0 |
| 4,4'-DDD | Ave | 1.216 | 1.175 | | 96.6 | 100 | -3.4 | 20.0 |
| Endosulfan II | Ave | 1.186 | 1.312 | | 111 | 100 | 10.6 | 20.0 |
| 4,4'-DDT | Ave | 1.233 | 1.028 | | 83.4 | 100 | -16.6 | 20.0 |
| Endrin aldehyde | Ave | 0.9437 | 0.9252 | | 98.0 | 100 | -2.0 | 20.0 |
| Endosulfan sulfate | Ave | 1.276 | 1.230 | | 96.4 | 100 | -3.6 | 20.0 |
| Methoxychlor | Ave | 0.6963 | 0.4964 | | 71.3 | 100 | -28.7* | 20.0 |
| Mirex | Ave | 1.041 | 1.011 | | 97.1 | 100 | -2.9 | 20.0 |
| Endrin ketone | Ave | 1.468 | 1.514 | | 103 | 100 | 3.1 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.102 | 1.091 | | 99.1 | 100 | -0.9 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.153 | 1.154 | | 100 | 100 | 0.1 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020347/3  Calibration Date: 02/09/2025 07:45

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001967.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.37 | 2.36 | 2.38 |
| gamma-BHC (Lindane) | 2.65 | 2.64 | 2.66 |
| beta-BHC | 2.71 | 2.70 | 2.72 |
| delta-BHC | 2.99 | 2.98 | 3.00 |
| Heptachlor | 3.07 | 3.06 | 3.08 |
| Aldrin | 3.42 | 3.41 | 3.43 |
| Heptachlor epoxide | 4.10 | 4.09 | 4.11 |
| trans-Chlordane | 4.32 | 4.31 | 4.33 |
| cis-Chlordane | 4.51 | 4.50 | 4.52 |
| Endosulfan I | 4.58 | 4.57 | 4.59 |
| 4,4'-DDE | 4.73 | 4.72 | 4.74 |
| Dieldrin | 4.90 | 4.89 | 4.91 |
| Endrin | 5.20 | 5.19 | 5.21 |
| 4,4'-DDD | 5.33 | 5.32 | 5.34 |
| Endosulfan II | 5.41 | 5.40 | 5.42 |
| 4,4'-DDT | 5.65 | 5.64 | 5.66 |
| Endrin aldehyde | 5.77 | 5.76 | 5.78 |
| Endosulfan sulfate | 6.11 | 6.10 | 6.12 |
| Methoxychlor | 6.69 | 6.68 | 6.70 |
| Mirex | 6.84 | 6.77 | 6.91 |
| Endrin ketone | 6.95 | 6.88 | 7.02 |
| Tetrachloro-m-xylene | 1.95 | 1.94 | 1.96 |
| DCB Decachlorobiphenyl | 8.20 | 8.10 | 8.30 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Feb-2025 07:45:56 ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:16 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 08:56:15

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.454 | 1.454 | 0.000 | 83978754 | 100.0 | 100.0 | |
| 2 | 1.417 | 1.417 | 0.000 | 177766071 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.954 | 1.954 | 0.000 | 91633826 | 100.0 | 99.1 | |
| 2 | 1.757 | 1.757 | 0.000 | 206016648 | 100.0 | 100.1 | |
| | | | | | | RPD = 1.01 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.367 | 2.367 | 0.000 | 137389862 | 100.0 | 101.5 | |
| 2 | 2.054 | 2.054 | 0.000 | 325552568 | 100.0 | 109.6 | |
| | | | | | | RPD = 7.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.652 | 2.652 | 0.000 | 129365262 | 100.0 | 104.3 | |
| 2 | 2.238 | 2.238 | 0.000 | 297363746 | 100.0 | 110.4 | |
| | | | | | | RPD = 5.64 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.709 | 2.709 | 0.000 | 56821754 | 100.0 | 103.8 | |
| 2 | 2.286 | 2.286 | 0.000 | 121872177 | 100.0 | 105.4 | |
| | | | | | | RPD = 1.55 | |
| 32 delta-BHC | | | | | | | |
| 1 | 2.993 | 2.993 | 0.000 | 126921406 | 100.0 | 101.2 | |
| 2 | 2.406 | 2.406 | 0.000 | 294816401 | 100.0 | 108.2 | |
| | | | | | | RPD = 6.77 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.065 | 3.065 | 0.000 | 134146515 | 100.0 | 102.5 | |
| 2 | 2.562 | 2.562 | 0.000 | 314599323 | 100.0 | 111.0 | |
| | | | | | | RPD = 7.97 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.423 | 3.423 | 0.000 | 139134993 | 100.0 | 106.5 | |
| 2 | 2.791 | 2.791 | 0.000 | 318476324 | 100.0 | 112.7 | |
| | | | | | | RPD = 5.60 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.099 | 4.099 | 0.000 | 116963777 | 100.0 | 102.5 | |
| 2 | 3.326 | 3.326 | 0.000 | 278929266 | 100.0 | 109.3 | |
| | | | | | | RPD = 6.41 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.318 | 4.318 | 0.000 | 120431248 | 100.0 | 103.4 | |
| 2 | 3.454 | 3.454 | 0.000 | 287615256 | 100.0 | 109.3 | |
| | | | | | | RPD = 5.60 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.505 | 4.505 | 0.000 | 111027697 | 100.0 | 99.4 | |
| 2 | 3.599 | 3.599 | 0.000 | 276587908 | 100.0 | 109.0 | |
| | | | | | | RPD = 9.28 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.582 | 4.582 | 0.000 | 111894782 | 100.0 | 105.2 | |
| 2 | 3.749 | 3.749 | 0.000 | 272942892 | 100.0 | 113.0 | |
| | | | | | | RPD = 7.14 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.727 | 4.727 | 0.000 | 118250312 | 100.0 | 102.5 | |
| 2 | 3.696 | 3.696 | 0.000 | 285451402 | 100.0 | 107.0 | |
| | | | | | | RPD = 4.25 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.899 | 4.899 | 0.000 | 125278304 | 100.0 | 104.9 | |
| 2 | 4.001 | 4.001 | 0.000 | 303339138 | 100.0 | 111.8 | |
| | | | | | | RPD = 6.31 | |
| 20 Endrin | | | | | | | |
| 1 | 5.204 | 5.204 | 0.000 | 97092702 | 100.0 | 89.1 | |
| 2 | 4.243 | 4.243 | 0.000 | 273830764 | 100.0 | 111.3 | |
| | | | | | | RPD = 22.17 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.326 | 5.326 | 0.000 | 98675747 | 100.0 | 96.6 | |
| 2 | 4.344 | 4.344 | 0.000 | 233325306 | 100.0 | 104.7 | |
| | | | | | | RPD = 8.05 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.405 | 5.405 | 0.000 | 110170469 | 100.0 | 110.6 | |
| 2 | 4.500 | 4.500 | 0.000 | 238546057 | 100.0 | 111.5 | |
| | | | | | | RPD = 0.80 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.646 | 5.646 | 0.000 | 86325613 | 100.0 | 83.4 | |
| 2 | 4.681 | 4.681 | 0.000 | 240172729 | 100.0 | 106.8 | |
| | | | | | | RPD = 24.68 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.769 | 5.769 | 0.000 | 77694487 | 100.0 | 98.0 | |
| 2 | 4.957 | 4.957 | 0.000 | 191330064 | 100.0 | 105.5 | |
| | | | | | | RPD = 7.32 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.114 | 6.114 | 0.000 | 103306264 | 100.0 | 96.4 | |
| 2 | 5.352 | 5.352 | 0.000 | 263691388 | 100.0 | 108.8 | |
| | | | | | | RPD = 12.09 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.691 | 6.691 | 0.000 | 41689191 | 100.0 | 71.3 | |
| 2 | 5.190 | 5.190 | 0.000 | 130135712 | 100.0 | 105.2 | |
| | | | | | | RPD = 38.47 | |
| 34 Mirex | | | | | | | |
| 1 | 6.843 | 6.843 | 0.000 | 84900935 | 100.0 | 97.1 | |
| 2 | 5.250 | 5.250 | 0.000 | 200956350 | 100.0 | 110.5 | |
| | | | | | | RPD = 12.91 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.949 | 6.949 | 0.000 | 127167345 | 100.0 | 103.1 | |
| 2 | 5.596 | 5.596 | 0.000 | 290133341 | 100.0 | 107.0 | |
| | | | | | | RPD = 3.71 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.202 | 8.202 | 0.000 | 96890733 | 100.0 | 100.1 | |
| 2 | 7.093 | 7.093 | 0.000 | 278494209 | 100.0 | 109.2 | |
| | | | | | | RPD = 8.68 | |

## QC Flag Legend

Processing Flags

## Reagents:

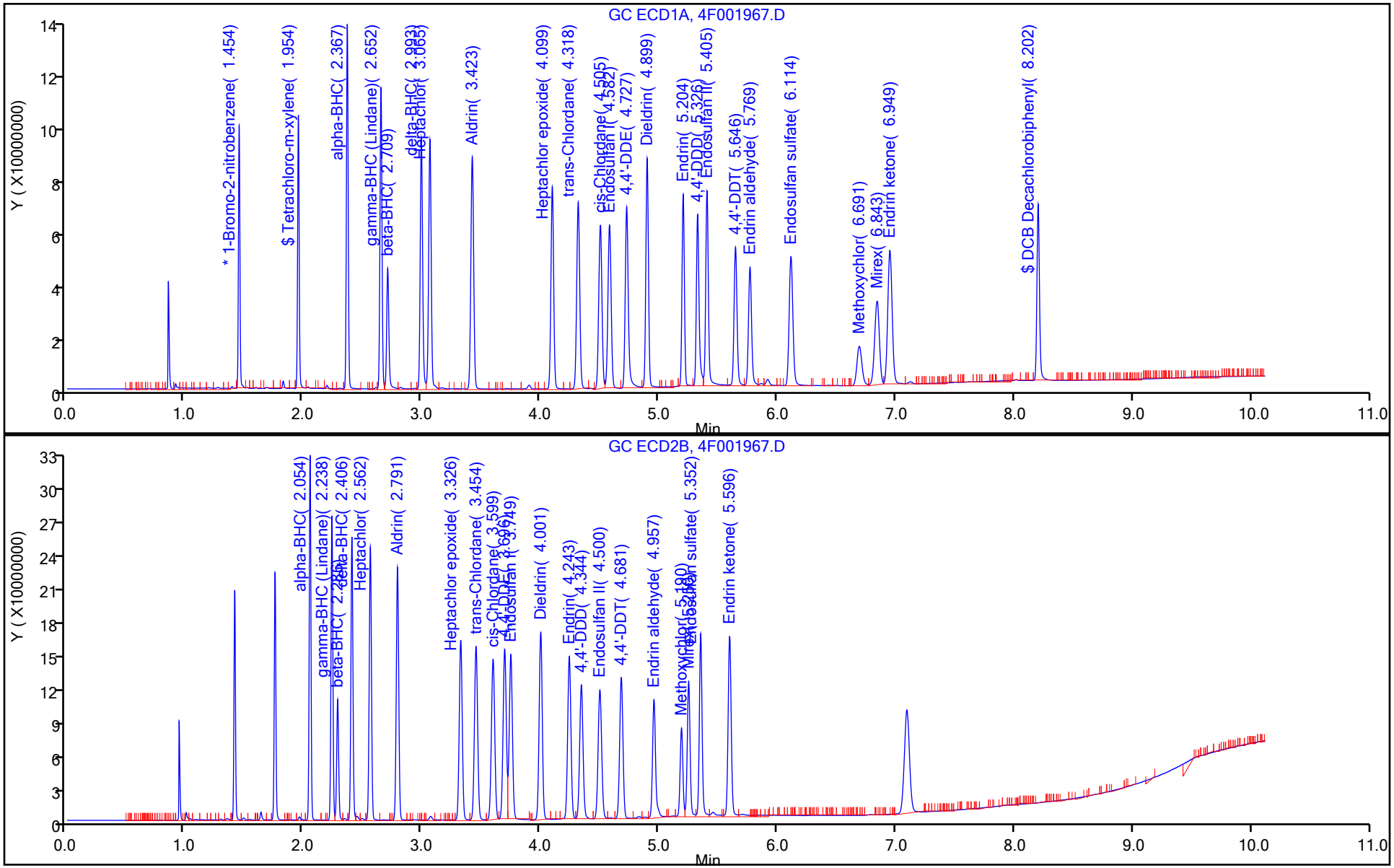
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 10-Feb-2025 14:26:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:45:56 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020347/3  Calibration Date: 02/09/2025 07:45

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001967.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.670 | 1.831 | | 110 | 100 | 9.6 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.516 | 1.673 | | 110 | 100 | 10.4 | 20.0 |
| beta-BHC | Ave | 0.6503 | 0.6856 | | 105 | 100 | 5.4 | 20.0 |
| delta-BHC | Ave | 1.532 | 1.658 | | 108 | 100 | 8.2 | 20.0 |
| Heptachlor | Ave | 1.594 | 1.770 | | 111 | 100 | 11.0 | 20.0 |
| Aldrin | Ave | 1.590 | 1.792 | | 113 | 100 | 12.7 | 20.0 |
| Heptachlor epoxide | Ave | 1.436 | 1.569 | | 109 | 100 | 9.3 | 20.0 |
| trans-Chlordane | Ave | 1.480 | 1.618 | | 109 | 100 | 9.3 | 20.0 |
| cis-Chlordane | Ave | 1.427 | 1.556 | | 109 | 100 | 9.0 | 20.0 |
| 4,4'-DDE | Ave | 1.501 | 1.606 | | 107 | 100 | 7.0 | 20.0 |
| Endosulfan I | Ave | 1.358 | 1.535 | | 113 | 100 | 13.0 | 20.0 |
| Dieldrin | Ave | 1.527 | 1.706 | | 112 | 100 | 11.8 | 20.0 |
| Endrin | Ave | 1.384 | 1.540 | | 111 | 100 | 11.3 | 20.0 |
| 4,4'-DDD | Ave | 1.253 | 1.313 | | 105 | 100 | 4.7 | 20.0 |
| Endosulfan II | Ave | 1.203 | 1.342 | | 112 | 100 | 11.5 | 20.0 |
| 4,4'-DDT | Ave | 1.265 | 1.351 | | 107 | 100 | 6.8 | 20.0 |
| Endrin aldehyde | Ave | 1.020 | 1.076 | | 105 | 100 | 5.5 | 20.0 |
| Methoxychlor | Ave | 0.6956 | 0.7321 | | 105 | 100 | 5.2 | 20.0 |
| Mirex | Ave | 1.023 | 1.130 | | 111 | 100 | 10.5 | 20.0 |
| Endosulfan sulfate | Ave | 1.363 | 1.483 | | 109 | 100 | 8.8 | 20.0 |
| Endrin ketone | Ave | 1.525 | 1.632 | | 107 | 100 | 7.0 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.158 | 1.159 | | 100 | 100 | 0.0 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.435 | 1.567 | | 109 | 100 | 9.2 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020347/3  Calibration Date: 02/09/2025 07:45

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 08:16

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 11/27/2024 09:20

Lab File ID: 4F001967.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.05 | 2.04 | 2.06 |
| gamma-BHC (Lindane) | 2.24 | 2.23 | 2.25 |
| beta-BHC | 2.29 | 2.28 | 2.30 |
| delta-BHC | 2.41 | 2.40 | 2.42 |
| Heptachlor | 2.56 | 2.55 | 2.57 |
| Aldrin | 2.79 | 2.78 | 2.80 |
| Heptachlor epoxide | 3.33 | 3.32 | 3.34 |
| trans-Chlordane | 3.45 | 3.44 | 3.46 |
| cis-Chlordane | 3.60 | 3.59 | 3.61 |
| 4,4'-DDE | 3.70 | 3.69 | 3.71 |
| Endosulfan I | 3.75 | 3.74 | 3.76 |
| Dieldrin | 4.00 | 3.99 | 4.01 |
| Endrin | 4.24 | 4.23 | 4.25 |
| 4,4'-DDD | 4.34 | 4.33 | 4.35 |
| Endosulfan II | 4.50 | 4.49 | 4.51 |
| 4,4'-DDT | 4.68 | 4.67 | 4.69 |
| Endrin aldehyde | 4.96 | 4.95 | 4.97 |
| Methoxychlor | 5.19 | 5.18 | 5.20 |
| Mirex | 5.25 | 5.18 | 5.32 |
| Endosulfan sulfate | 5.35 | 5.34 | 5.36 |
| Endrin ketone | 5.60 | 5.53 | 5.67 |
| Tetrachloro-m-xylene | 1.76 | 1.75 | 1.77 |
| DCB Decachlorobiphenyl | 7.09 | 6.99 | 7.19 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Feb-2025 07:45:56 ALS Bottle#: 28 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:16 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 08:56:15

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.454 | 1.454 | 0.000 | 83978754 | 100.0 | 100.0 | |
| 2 | 1.417 | 1.417 | 0.000 | 177766071 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.954 | 1.954 | 0.000 | 91633826 | 100.0 | 99.1 | |
| 2 | 1.757 | 1.757 | 0.000 | 206016648 | 100.0 | 100.1 | |
| | | | | | | RPD = 1.01 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.367 | 2.367 | 0.000 | 137389862 | 100.0 | 101.5 | |
| 2 | 2.054 | 2.054 | 0.000 | 325552568 | 100.0 | 109.6 | |
| | | | | | | RPD = 7.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.652 | 2.652 | 0.000 | 129365262 | 100.0 | 104.3 | |
| 2 | 2.238 | 2.238 | 0.000 | 297363746 | 100.0 | 110.4 | |
| | | | | | | RPD = 5.64 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.709 | 2.709 | 0.000 | 56821754 | 100.0 | 103.8 | |
| 2 | 2.286 | 2.286 | 0.000 | 121872177 | 100.0 | 105.4 | |
| | | | | | | RPD = 1.55 | |
| 32 delta-BHC | | | | | | | |
| 1 | 2.993 | 2.993 | 0.000 | 126921406 | 100.0 | 101.2 | |
| 2 | 2.406 | 2.406 | 0.000 | 294816401 | 100.0 | 108.2 | |
| | | | | | | RPD = 6.77 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.065 | 3.065 | 0.000 | 134146515 | 100.0 | 102.5 | |
| 2 | 2.562 | 2.562 | 0.000 | 314599323 | 100.0 | 111.0 | |
| | | | | | | RPD = 7.97 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.423 | 3.423 | 0.000 | 139134993 | 100.0 | 106.5 | |
| 2 | 2.791 | 2.791 | 0.000 | 318476324 | 100.0 | 112.7 | |
| | | | | | | RPD = 5.60 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.099 | 4.099 | 0.000 | 116963777 | 100.0 | 102.5 | |
| 2 | 3.326 | 3.326 | 0.000 | 278929266 | 100.0 | 109.3 | |
| | | | | | | RPD = 6.41 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.318 | 4.318 | 0.000 | 120431248 | 100.0 | 103.4 | |
| 2 | 3.454 | 3.454 | 0.000 | 287615256 | 100.0 | 109.3 | |
| | | | | | | RPD = 5.60 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.505 | 4.505 | 0.000 | 111027697 | 100.0 | 99.4 | |
| 2 | 3.599 | 3.599 | 0.000 | 276587908 | 100.0 | 109.0 | |
| | | | | | | RPD = 9.28 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.582 | 4.582 | 0.000 | 111894782 | 100.0 | 105.2 | |
| 2 | 3.749 | 3.749 | 0.000 | 272942892 | 100.0 | 113.0 | |
| | | | | | | RPD = 7.14 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.727 | 4.727 | 0.000 | 118250312 | 100.0 | 102.5 | |
| 2 | 3.696 | 3.696 | 0.000 | 285451402 | 100.0 | 107.0 | |
| | | | | | | RPD = 4.25 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.899 | 4.899 | 0.000 | 125278304 | 100.0 | 104.9 | |
| 2 | 4.001 | 4.001 | 0.000 | 303339138 | 100.0 | 111.8 | |
| | | | | | | RPD = 6.31 | |
| 20 Endrin | | | | | | | |
| 1 | 5.204 | 5.204 | 0.000 | 97092702 | 100.0 | 89.1 | |
| 2 | 4.243 | 4.243 | 0.000 | 273830764 | 100.0 | 111.3 | |
| | | | | | | RPD = 22.17 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.326 | 5.326 | 0.000 | 98675747 | 100.0 | 96.6 | |
| 2 | 4.344 | 4.344 | 0.000 | 233325306 | 100.0 | 104.7 | |
| | | | | | | RPD = 8.05 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.405 | 5.405 | 0.000 | 110170469 | 100.0 | 110.6 | |
| 2 | 4.500 | 4.500 | 0.000 | 238546057 | 100.0 | 111.5 | |
| | | | | | | RPD = 0.80 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.646 | 5.646 | 0.000 | 86325613 | 100.0 | 83.4 | |
| 2 | 4.681 | 4.681 | 0.000 | 240172729 | 100.0 | 106.8 | |
| | | | | | | RPD = 24.68 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.769 | 5.769 | 0.000 | 77694487 | 100.0 | 98.0 | |
| 2 | 4.957 | 4.957 | 0.000 | 191330064 | 100.0 | 105.5 | |
| | | | | | | RPD = 7.32 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.114 | 6.114 | 0.000 | 103306264 | 100.0 | 96.4 | |
| 2 | 5.352 | 5.352 | 0.000 | 263691388 | 100.0 | 108.8 | |
| | | | | | | RPD = 12.09 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.691 | 6.691 | 0.000 | 41689191 | 100.0 | 71.3 | |
| 2 | 5.190 | 5.190 | 0.000 | 130135712 | 100.0 | 105.2 | |
| | | | | | | RPD = 38.47 | |
| 34 Mirex | | | | | | | |
| 1 | 6.843 | 6.843 | 0.000 | 84900935 | 100.0 | 97.1 | |
| 2 | 5.250 | 5.250 | 0.000 | 200956350 | 100.0 | 110.5 | |
| | | | | | | RPD = 12.91 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.949 | 6.949 | 0.000 | 127167345 | 100.0 | 103.1 | |
| 2 | 5.596 | 5.596 | 0.000 | 290133341 | 100.0 | 107.0 | |
| | | | | | | RPD = 3.71 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.202 | 8.202 | 0.000 | 96890733 | 100.0 | 100.1 | |
| 2 | 7.093 | 7.093 | 0.000 | 278494209 | 100.0 | 109.2 | |
| | | | | | | RPD = 8.68 | |

## QC Flag Legend

Processing Flags

## Reagents:

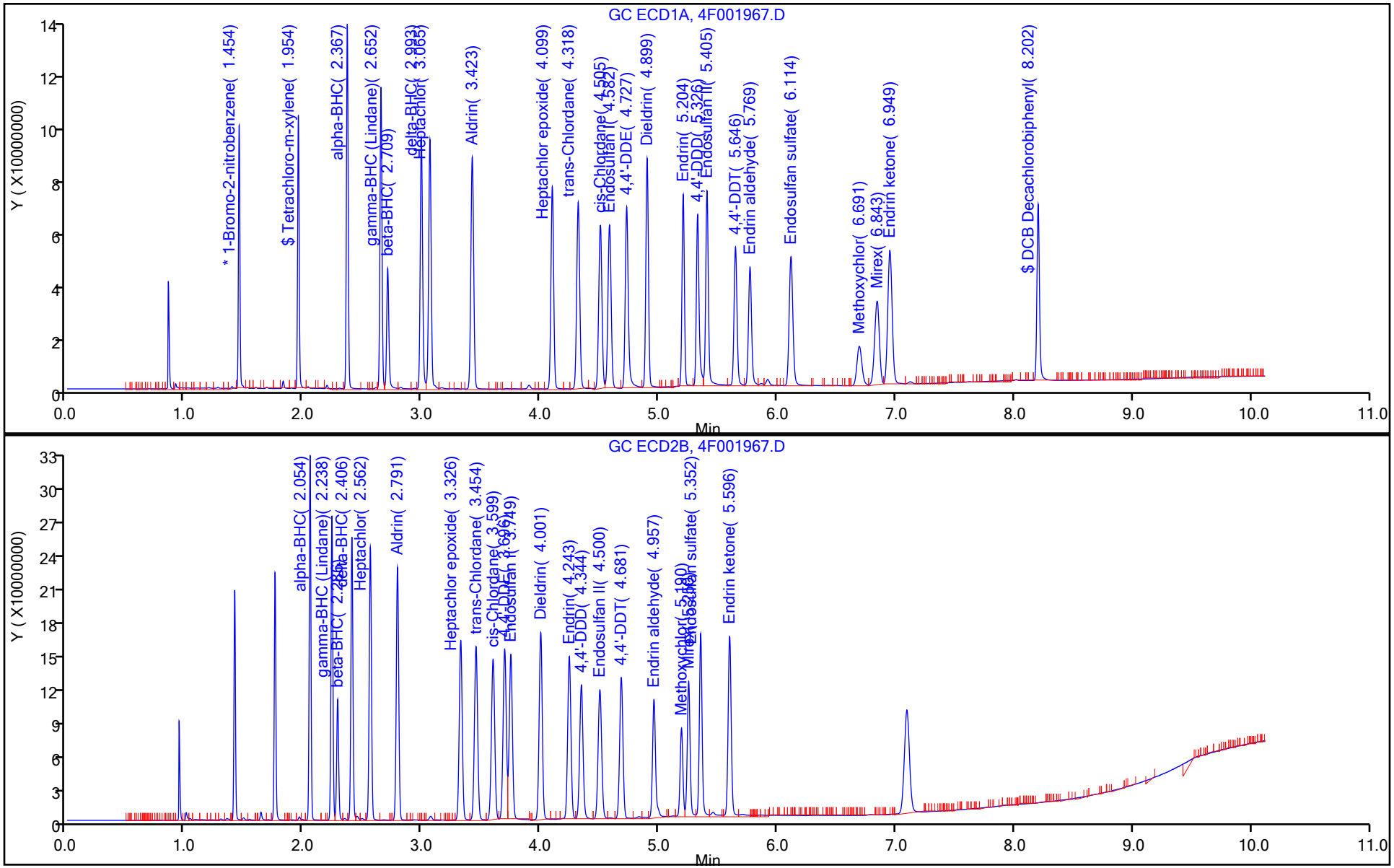
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 10-Feb-2025 14:26:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001967.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:45:56 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/4  Calibration Date: 02/09/2025 08:01

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 03:41

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 04:45

Lab File ID: 4F001968.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0581 | 0.0558 | | 959 | 1000 | -4.1 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0581 | 0.0558 | | 959 | 1000 | -4.1 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0618 | 0.0538 | | 871 | 1000 | -12.9 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0618 | 0.0538 | | 871 | 1000 | -12.9 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.2096 | 0.1917 | | 914 | 1000 | -8.6 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.2096 | 0.1917 | | 914 | 1000 | -8.6 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2341 | 0.2037 | | 870 | 1000 | -13.0 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2341 | 0.2037 | | 870 | 1000 | -13.0 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.1585 | 0.1332 | | 840 | 1000 | -16.0 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.1585 | 0.1332 | | 840 | 1000 | -16.0 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0558 | | 891 | 1000 | -10.9 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/4  Calibration Date: 02/09/2025 08:01

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 03:41

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 04:45

Lab File ID: 4F001968.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.92 | 2.82 | 3.02 |
| Chlordane (technical) Peak 1 | 2.92 | 2.91 | 2.93 |
| Chlordane (n.o.s.) Peak 2 | 3.60 | 3.50 | 3.70 |
| Chlordane (technical) Peak 2 | 3.60 | 3.59 | 3.61 |
| Chlordane (n.o.s.) Peak 3 | 4.32 | 4.22 | 4.42 |
| Chlordane (technical) Peak 3 | 4.32 | 4.31 | 4.33 |
| Chlordane (n.o.s.) Peak 4 | 4.43 | 4.33 | 4.53 |
| Chlordane (technical) Peak 4 | 4.43 | 4.42 | 4.44 |
| Chlordane (n.o.s.) Peak 5 | 4.51 | 4.41 | 4.61 |
| Chlordane (technical) Peak 5 | 4.51 | 4.50 | 4.52 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 09-Feb-2025 08:01:48 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:21 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.456 | 1.456 | 0.000 | 59646263 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 121209164 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | |
| 1 | 2.922 | 2.922 | 0.000 | 33255524 | 1000.0 | 958.8 | |
| 1 | 3.595 | 3.595 | 0.000 | 32111638 | 1000.0 | 870.5 | |
| 1 | 4.321 | 4.321 | 0.000 | 114315049 | 1000.0 | 914.4 | |
| 1 | 4.432 | 4.432 | 0.000 | 121504544 | 1000.0 | 870.3 | |
| 1 | 4.508 | 4.508 | 0.000 | 79431328 | 1000.0 | 840.0 | |
| | | Average of Peak Amounts = | | | | 890.8 | |
| 2 | 2.505 | 2.505 | 0.000 | 67384432 | 1000.0 | 977.5 | |
| 2 | 2.897 | 2.897 | 0.000 | 79790533 | 1000.0 | 991.2 | |
| 2 | 3.262 | 3.262 | 0.000 | 52555187 | 1000.0 | 960.5 | |
| 2 | 3.457 | 3.457 | 0.000 | 296951442 | 1000.0 | 987.9 | |
| 2 | 3.590 | 3.590 | 0.000 | 514685222 | 1000.0 | 1005.8 | |
| | | Average of Peak Amounts = | | | | 984.6 | |
| | | | | | | RPD = 10.00 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 2.922 | 2.922 | 0.000 | 33255524 | 1000.0 | 958.8 | |
| 1 | 3.595 | 3.595 | 0.000 | 32111638 | 1000.0 | 870.5 | |
| 1 | 4.321 | 4.321 | 0.000 | 114315049 | 1000.0 | 914.4 | |
| 1 | 4.432 | 4.432 | 0.000 | 121504544 | 1000.0 | 870.3 | |
| 1 | 4.508 | 4.508 | 0.000 | 79431328 | 1000.0 | 840.0 | |
| | | Average of Peak Amounts = | | | | 890.8 | |
| 2 | 2.505 | 2.505 | 0.000 | 67384432 | 1000.0 | 977.5 | |
| 2 | 2.897 | 2.897 | 0.000 | 79790533 | 1000.0 | 991.2 | |
| 2 | 3.262 | 3.262 | 0.000 | 52555187 | 1000.0 | 960.5 | |
| 2 | 3.457 | 3.457 | 0.000 | 296951442 | 1000.0 | 987.9 | |
| 2 | 3.590 | 3.590 | 0.000 | 514685222 | 1000.0 | 1005.8 | |
| | | Average of Peak Amounts = | | | | 984.6 | |
| | | | | | | RPD = 10.00 | |

## Reagents:

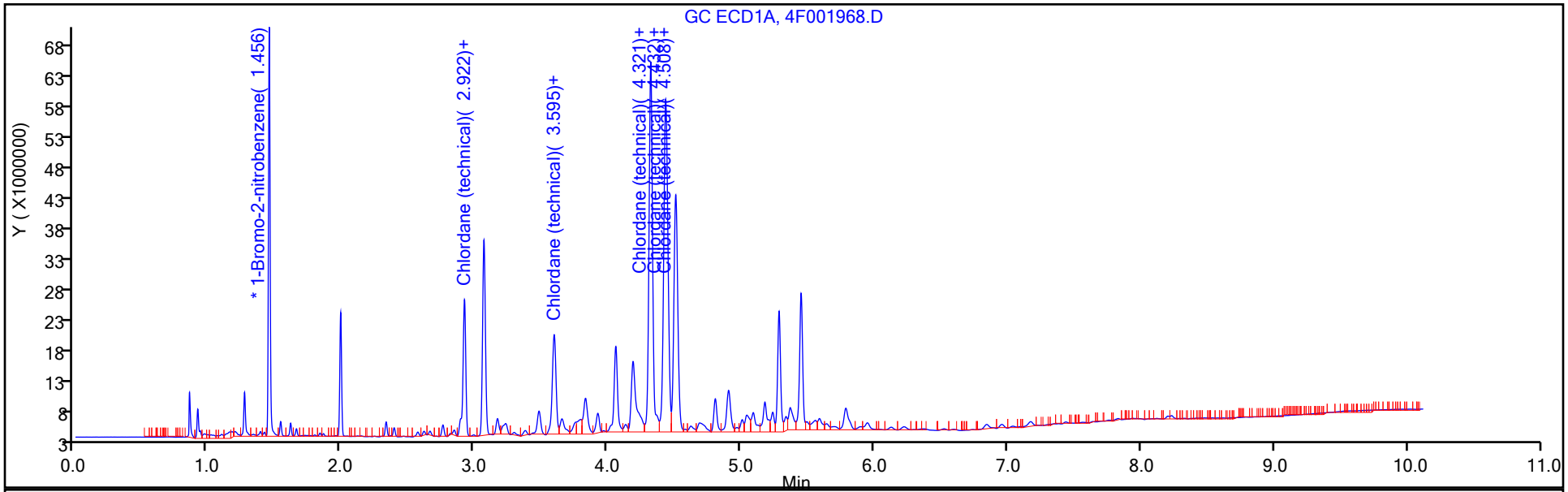
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

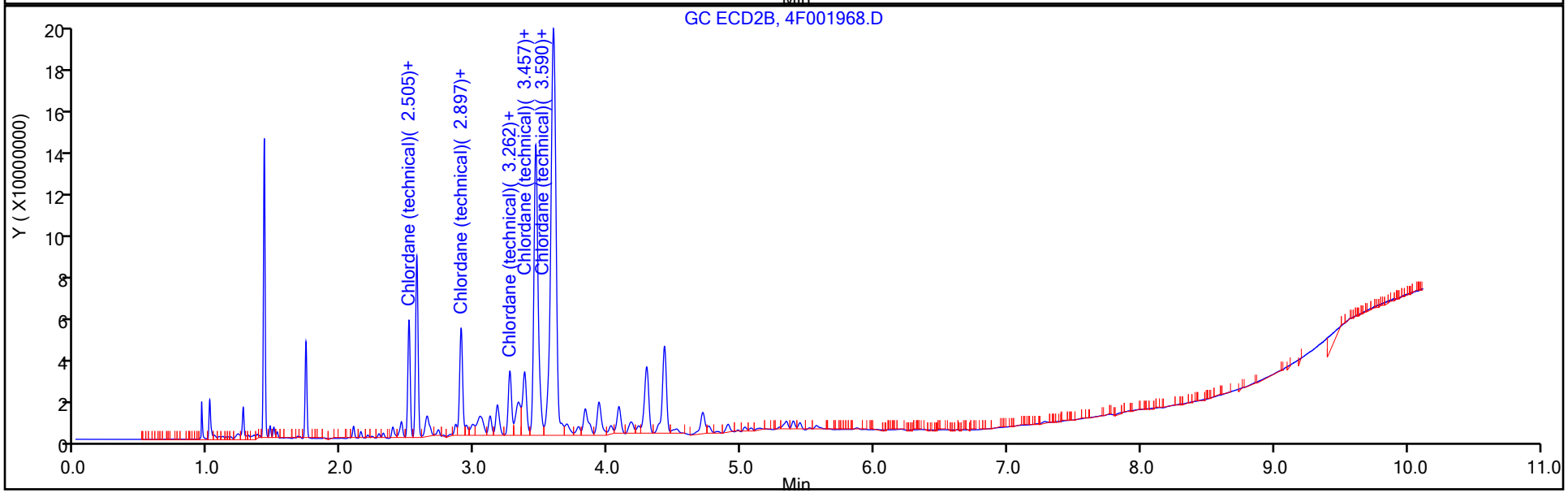
Report Date: 10-Feb-2025 14:26:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:01:48 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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Report Date: 10-Feb-2025 14:26:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

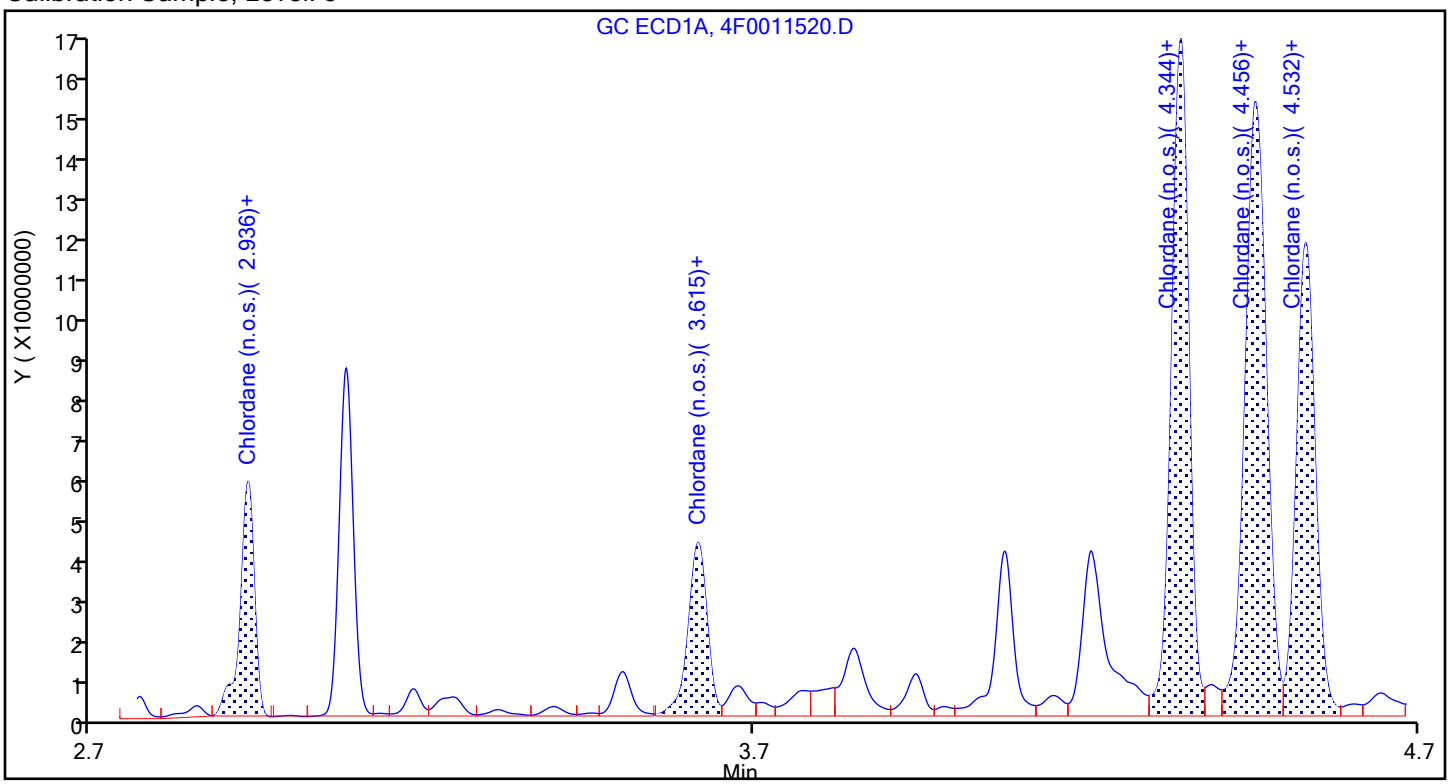
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D

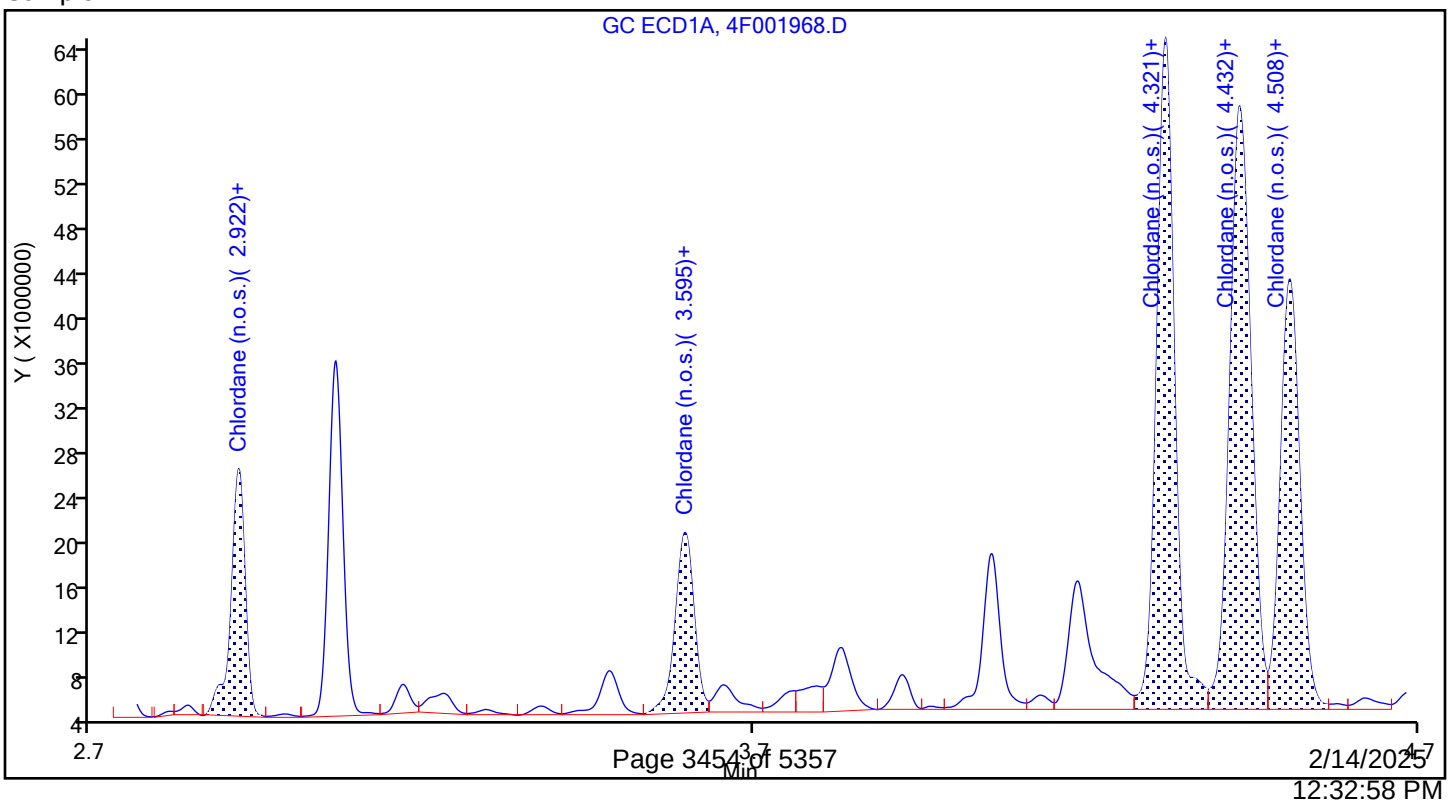
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:01:48 | Instrument ID: | CPESTGC4 | | |
| Lims ID: | CCV CHLOR | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 29 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/4 Calibration Date: 02/09/2025 08:01

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F001968.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0569 | 0.0556 | | 978 | 1000 | -2.2 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0569 | 0.0556 | | 978 | 1000 | -2.2 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0664 | 0.0658 | | 991 | 1000 | -0.9 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0664 | 0.0658 | | 991 | 1000 | -0.9 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.0451 | 0.0434 | | 961 | 1000 | -3.9 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.0451 | 0.0434 | | 961 | 1000 | -3.9 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2480 | 0.2450 | | 988 | 1000 | -1.2 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2480 | 0.2450 | | 988 | 1000 | -1.2 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.4222 | 0.4246 | | 1010 | 1000 | 0.6 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.4222 | 0.4246 | | 1010 | 1000 | 0.6 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0556 | | 985 | 1000 | -1.5 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/4 Calibration Date: 02/09/2025 08:01

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 03:41

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 04:45

Lab File ID: 4F001968.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.51 | 2.41 | 2.61 |
| Chlordane (technical) Peak 1 | 2.51 | 2.50 | 2.52 |
| Chlordane (n.o.s.) Peak 2 | 2.90 | 2.80 | 3.00 |
| Chlordane (technical) Peak 2 | 2.90 | 2.89 | 2.91 |
| Chlordane (n.o.s.) Peak 3 | 3.26 | 3.16 | 3.36 |
| Chlordane (technical) Peak 3 | 3.26 | 3.25 | 3.27 |
| Chlordane (n.o.s.) Peak 4 | 3.46 | 3.36 | 3.56 |
| Chlordane (technical) Peak 4 | 3.46 | 3.45 | 3.47 |
| Chlordane (n.o.s.) Peak 5 | 3.59 | 3.49 | 3.69 |
| Chlordane (technical) Peak 5 | 3.59 | 3.58 | 3.60 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 09-Feb-2025 08:01:48 ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:21 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.456 | 1.456 | 0.000 | 59646263 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 121209164 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | |
| 1 | 2.922 | 2.922 | 0.000 | 33255524 | 1000.0 | 958.8 | |
| 1 | 3.595 | 3.595 | 0.000 | 32111638 | 1000.0 | 870.5 | |
| 1 | 4.321 | 4.321 | 0.000 | 114315049 | 1000.0 | 914.4 | |
| 1 | 4.432 | 4.432 | 0.000 | 121504544 | 1000.0 | 870.3 | |
| 1 | 4.508 | 4.508 | 0.000 | 79431328 | 1000.0 | 840.0 | |
| | | Average of Peak Amounts = | | | | 890.8 | |
| 2 | 2.505 | 2.505 | 0.000 | 67384432 | 1000.0 | 977.5 | |
| 2 | 2.897 | 2.897 | 0.000 | 79790533 | 1000.0 | 991.2 | |
| 2 | 3.262 | 3.262 | 0.000 | 52555187 | 1000.0 | 960.5 | |
| 2 | 3.457 | 3.457 | 0.000 | 296951442 | 1000.0 | 987.9 | |
| 2 | 3.590 | 3.590 | 0.000 | 514685222 | 1000.0 | 1005.8 | |
| | | Average of Peak Amounts = | | | | 984.6 | |
| | | | | | | RPD = 10.00 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | |
| 1 | 2.922 | 2.922 | 0.000 | 33255524 | 1000.0 | 958.8 | |
| 1 | 3.595 | 3.595 | 0.000 | 32111638 | 1000.0 | 870.5 | |
| 1 | 4.321 | 4.321 | 0.000 | 114315049 | 1000.0 | 914.4 | |
| 1 | 4.432 | 4.432 | 0.000 | 121504544 | 1000.0 | 870.3 | |
| 1 | 4.508 | 4.508 | 0.000 | 79431328 | 1000.0 | 840.0 | |
| | | Average of Peak Amounts = | | | | 890.8 | |
| 2 | 2.505 | 2.505 | 0.000 | 67384432 | 1000.0 | 977.5 | |
| 2 | 2.897 | 2.897 | 0.000 | 79790533 | 1000.0 | 991.2 | |
| 2 | 3.262 | 3.262 | 0.000 | 52555187 | 1000.0 | 960.5 | |
| 2 | 3.457 | 3.457 | 0.000 | 296951442 | 1000.0 | 987.9 | |
| 2 | 3.590 | 3.590 | 0.000 | 514685222 | 1000.0 | 1005.8 | |
| | | Average of Peak Amounts = | | | | 984.6 | |
| | | | | | | RPD = 10.00 | |

## Reagents:

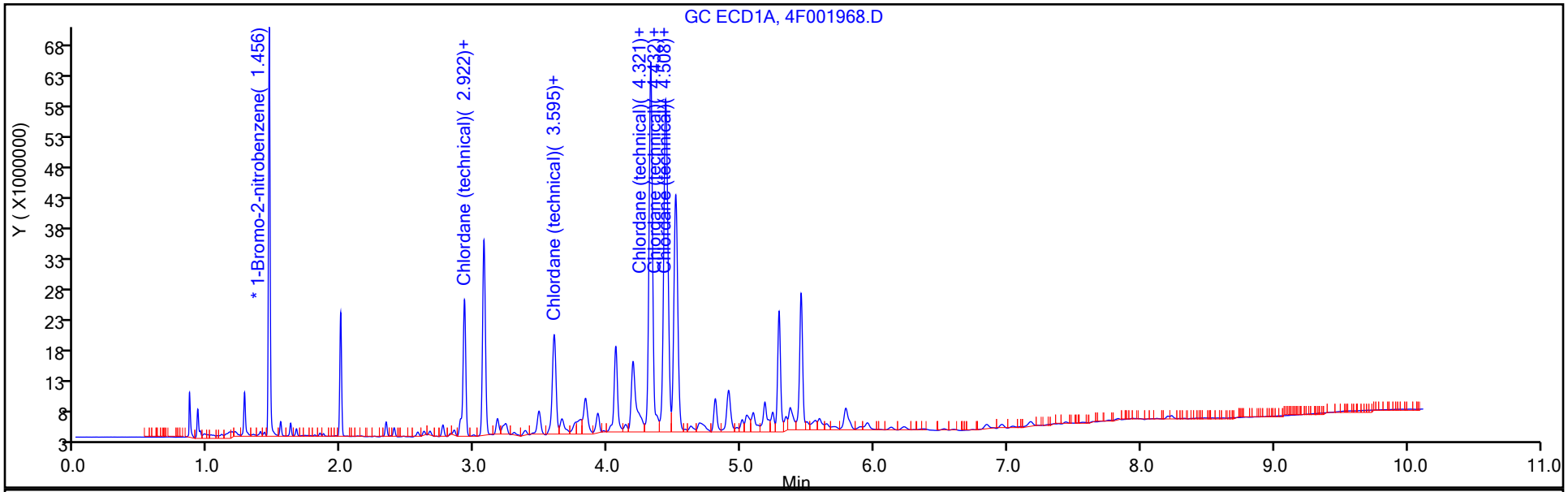
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

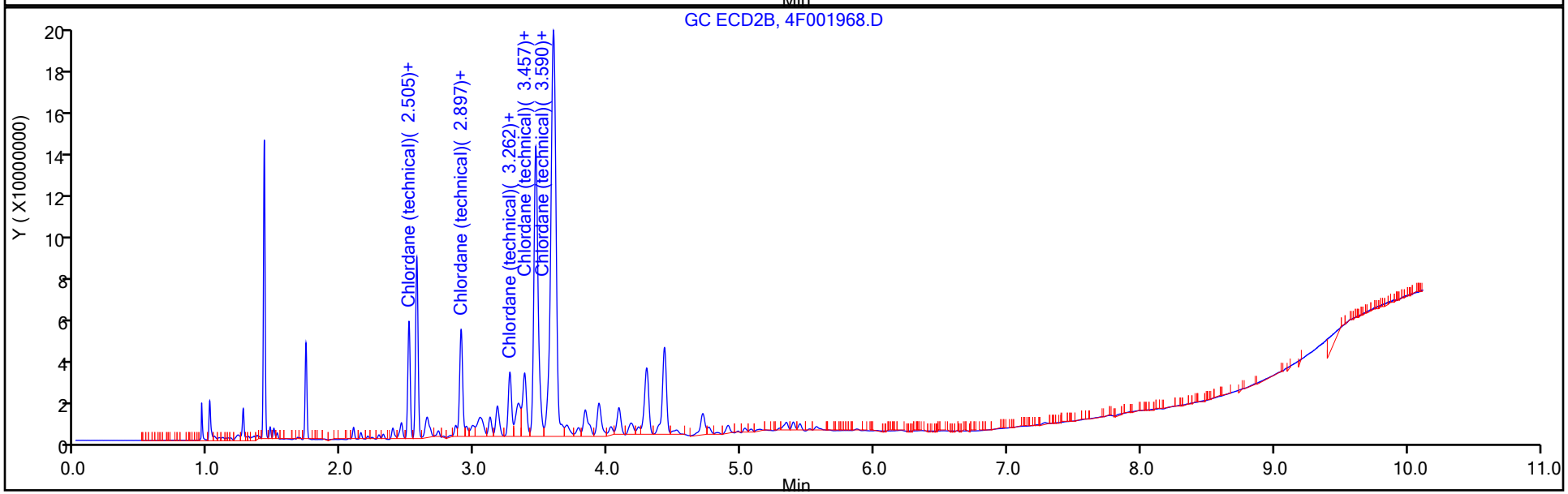
Report Date: 10-Feb-2025 14:26:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:01:48 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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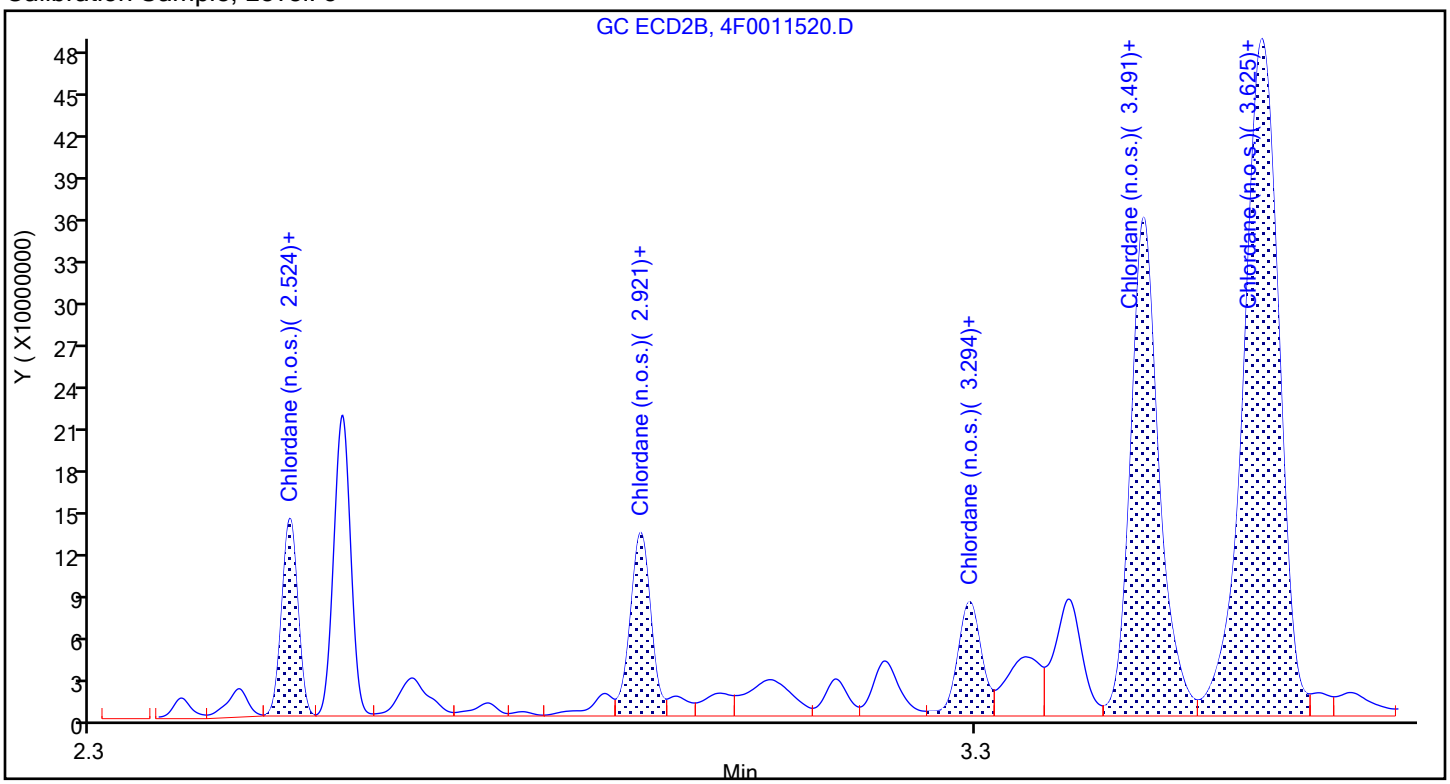
Report Date: 10-Feb-2025 14:26:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

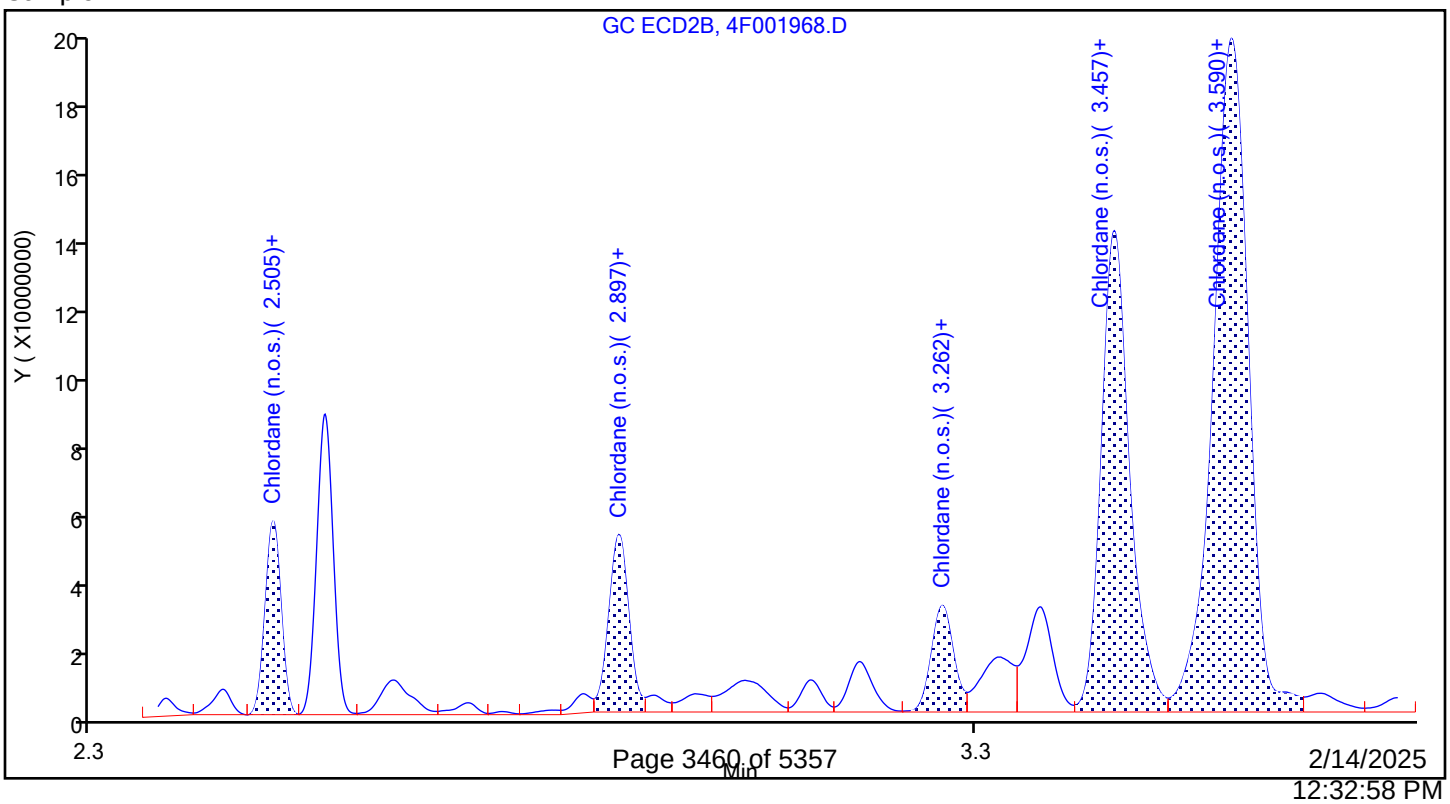
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001968.D
Injection Date: 09-Feb-2025 08:01:48 Instrument ID: CPESTGC4
Lims ID: CCV CHLOR
Client ID:
Operator ID: ALS Bottle#: 29 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/5  Calibration Date: 02/09/2025 08:17

Instrument ID: CPESTGC4  Calib Start Date: 11/27/2024 05:36

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 11/27/2024 06:40

Lab File ID: 4F001969.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0190 | 0.0193 | | 1010 | 1000 | 1.4 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0634 | 0.0651 | | 1030 | 1000 | 2.7 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0503 | 0.0507 | | 1010 | 1000 | 0.9 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0421 | 0.0465 | | 1100 | 1000 | 10.4 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0701 | 0.0720 | | 1030 | 1000 | 2.8 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/5 Calibration Date: 02/09/2025 08:17

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F001969.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.89 | 4.88 | 4.90 |
| Toxaphene Peak 2 | 5.49 | 5.48 | 5.50 |
| Toxaphene Peak 3 | 5.77 | 5.76 | 5.78 |
| Toxaphene Peak 4 | 6.04 | 6.03 | 6.05 |
| Toxaphene Peak 5 | 6.46 | 6.45 | 6.47 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001969.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 09-Feb-2025 08:17:40 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:38

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 67096245 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 141247425 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.887 | 4.887 | 0.000 | 12952109 | 1000.0 | 1014.4 | |
| 1 | 5.486 | 5.486 | 0.000 | 43686488 | 1000.0 | 1026.8 | |
| 1 | 5.772 | 5.772 | 0.000 | 34050877 | 1000.0 | 1009.3 | |
| 1 | 6.040 | 6.040 | 0.000 | 31196290 | 1000.0 | 1104.3 | |
| 1 | 6.463 | 6.463 | 0.000 | 48299633 | 1000.0 | 1027.5 | |
| | | Average of Peak Amounts = | | | | 1036.5 | |
| 2 | 4.880 | 4.880 | 0.000 | 78779913 | 1000.0 | 1041.7 | M |
| 2 | 4.940 | 4.940 | 0.000 | 90170446 | 1000.0 | 1011.8 | M |
| 2 | 5.259 | 5.259 | 0.000 | 104164424 | 1000.0 | 1002.9 | M |
| 2 | 5.586 | 5.586 | 0.000 | 87653681 | 1000.0 | 944.0 | M |
| 2 | 5.751 | 5.751 | 0.000 | 53914199 | 1000.0 | 1026.0 | M |
| | | Average of Peak Amounts = | | | | 1005.3 | |
| | | | | | | RPD = 3.06 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

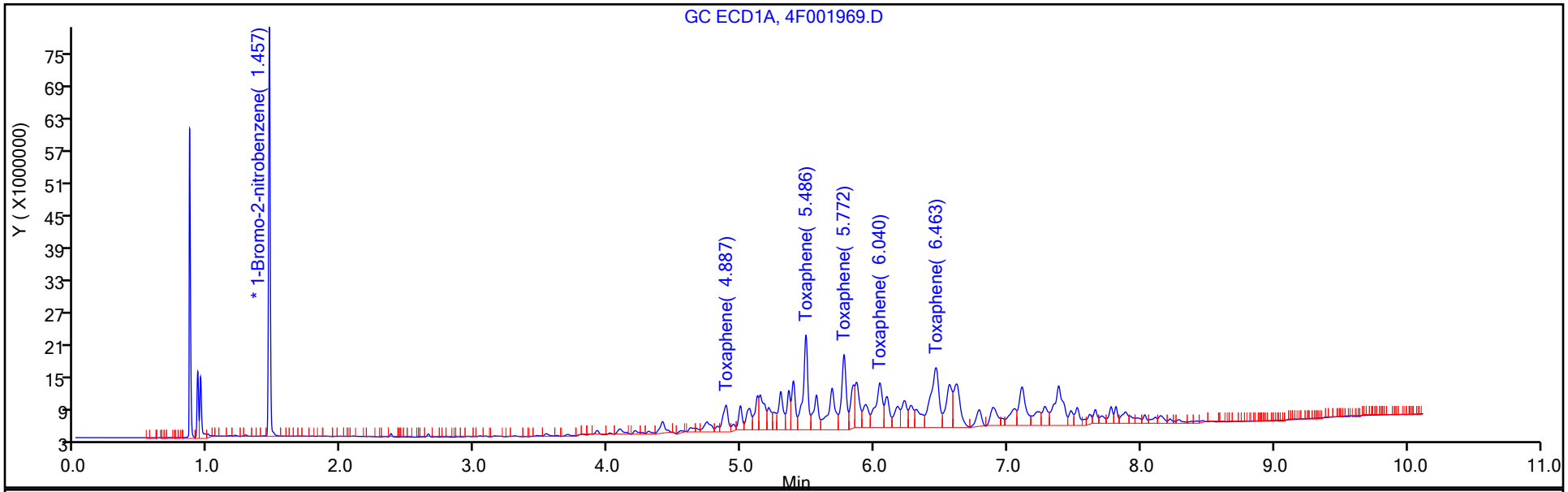
| | | | |
|---|---|---|---|
| SGTOXAPHENEL4_00013 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

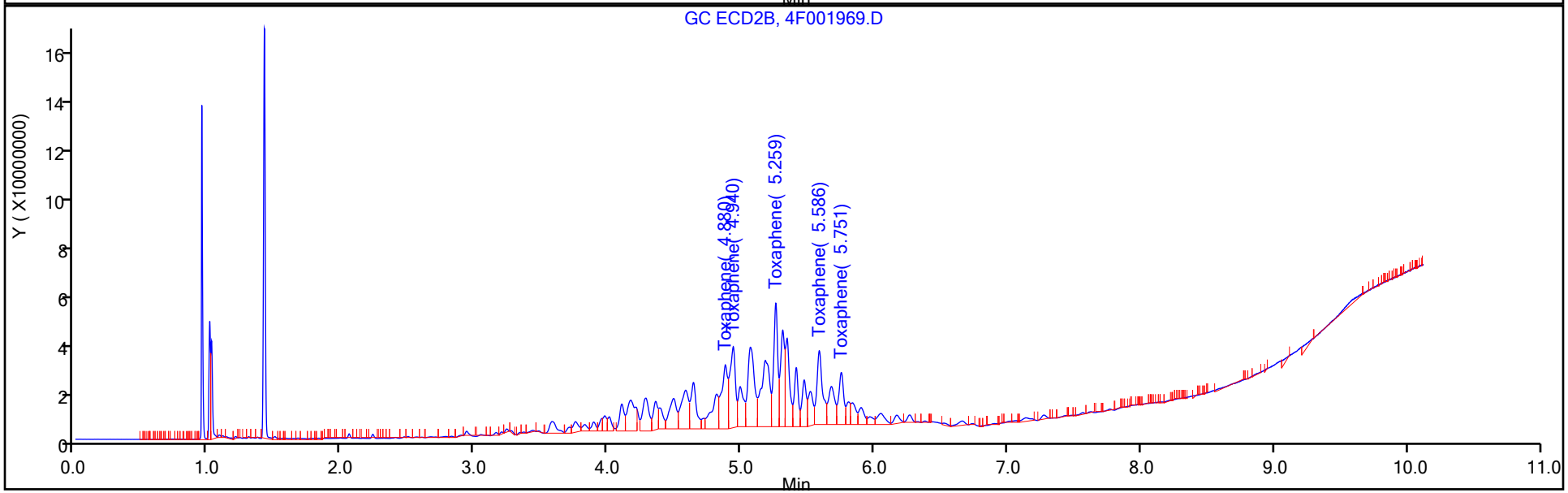
Report Date: 10-Feb-2025 14:26:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001969.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:17:40 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 30 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/5 Calibration Date: 02/09/2025 08:17

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F001969.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0535 | 0.0558 | | 1040 | 1000 | 4.2 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0631 | 0.0638 | | 1010 | 1000 | 1.2 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0735 | 0.0737 | | 1000 | 1000 | 0.3 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0657 | 0.0621 | | 944 | 1000 | -5.6 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0372 | 0.0382 | | 1030 | 1000 | 2.6 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020347/5 Calibration Date: 02/09/2025 08:17

Instrument ID: CPESTGC4 Calib Start Date: 11/27/2024 05:36

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/27/2024 06:40

Lab File ID: 4F001969.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.88 | 4.87 | 4.89 |
| Toxaphene Peak 2 | 4.94 | 4.93 | 4.95 |
| Toxaphene Peak 3 | 5.26 | 5.25 | 5.27 |
| Toxaphene Peak 4 | 5.59 | 5.58 | 5.60 |
| Toxaphene Peak 5 | 5.75 | 5.74 | 5.76 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001969.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 09-Feb-2025 08:17:40 ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:38

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.457 | 1.457 | 0.000 | 67096245 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 141247425 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.887 | 4.887 | 0.000 | 12952109 | 1000.0 | 1014.4 | |
| 1 | 5.486 | 5.486 | 0.000 | 43686488 | 1000.0 | 1026.8 | |
| 1 | 5.772 | 5.772 | 0.000 | 34050877 | 1000.0 | 1009.3 | |
| 1 | 6.040 | 6.040 | 0.000 | 31196290 | 1000.0 | 1104.3 | |
| 1 | 6.463 | 6.463 | 0.000 | 48299633 | 1000.0 | 1027.5 | |
| | | Average of Peak Amounts = | | | | 1036.5 | |
| 2 | 4.880 | 4.880 | 0.000 | 78779913 | 1000.0 | 1041.7 | M |
| 2 | 4.940 | 4.940 | 0.000 | 90170446 | 1000.0 | 1011.8 | M |
| 2 | 5.259 | 5.259 | 0.000 | 104164424 | 1000.0 | 1002.9 | M |
| 2 | 5.586 | 5.586 | 0.000 | 87653681 | 1000.0 | 944.0 | M |
| 2 | 5.751 | 5.751 | 0.000 | 53914199 | 1000.0 | 1026.0 | M |
| | | Average of Peak Amounts = | | | | 1005.3 | |
| | | | | | | RPD = 3.06 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

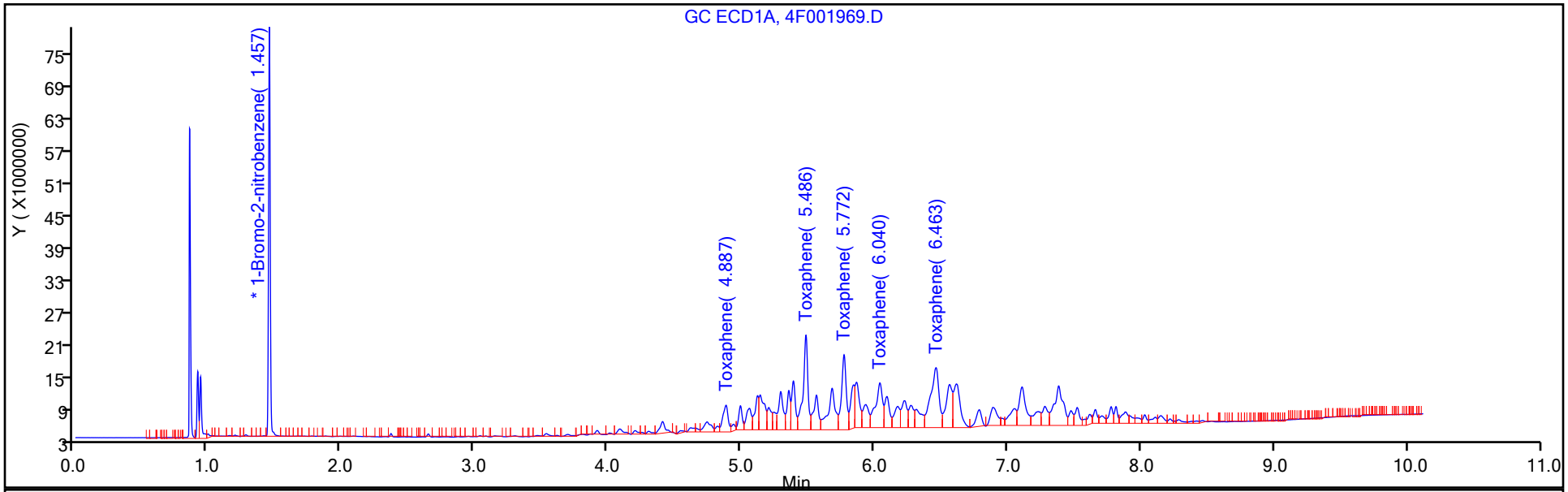
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

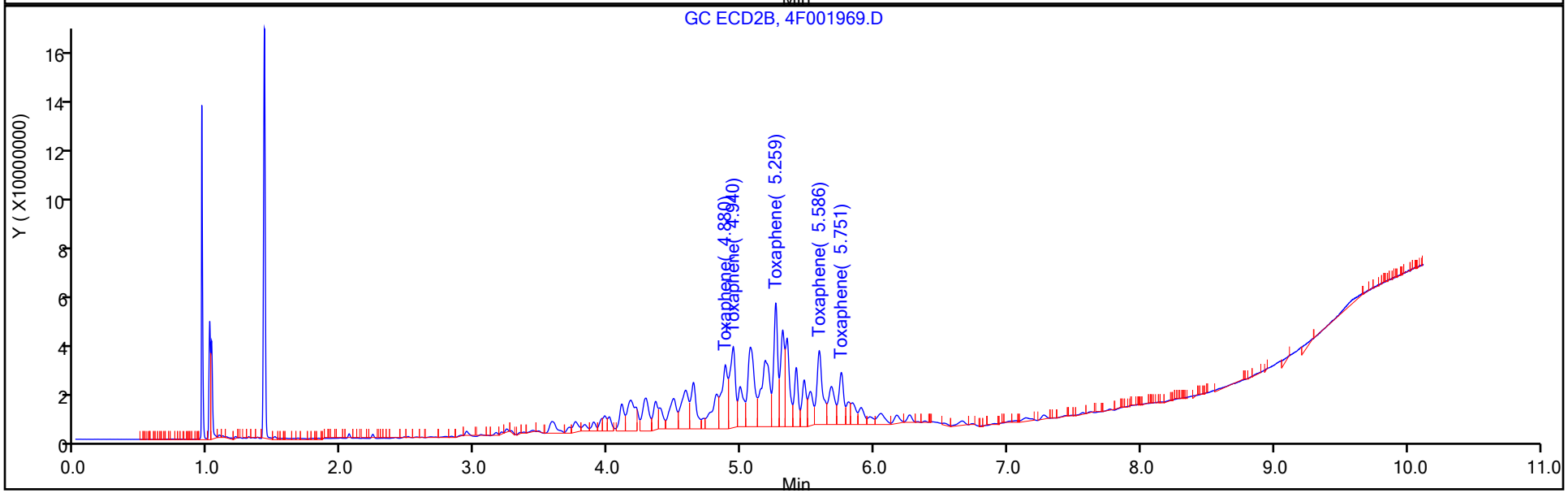
Report Date: 10-Feb-2025 14:26:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001969.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:17:40 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 30 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



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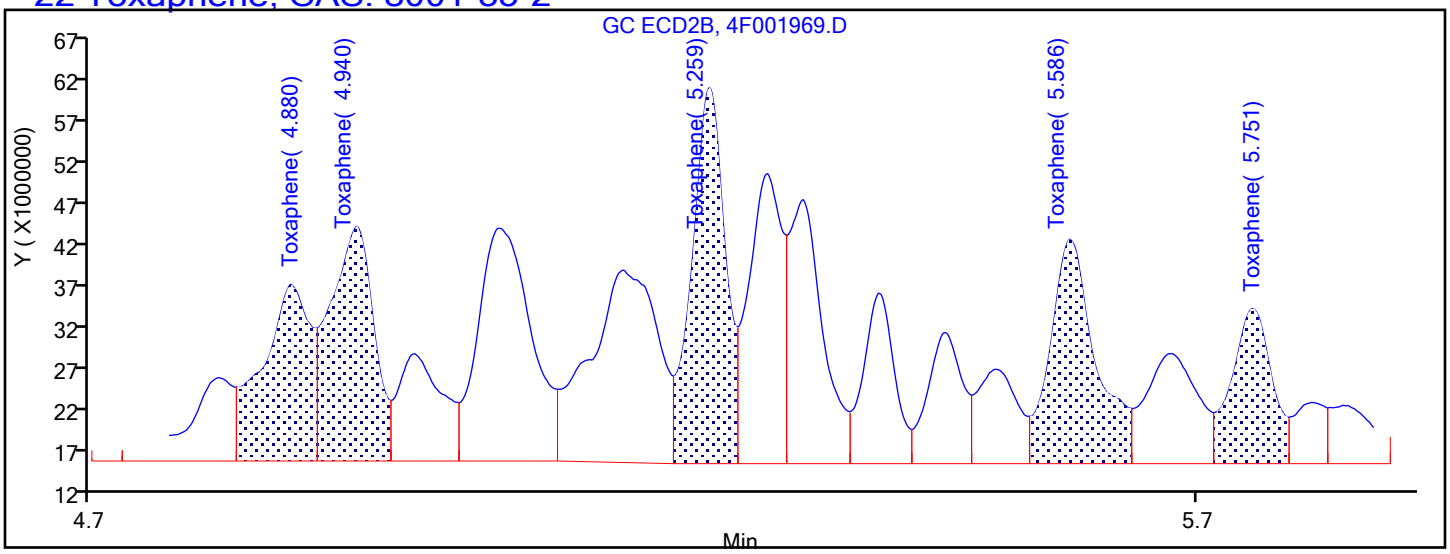
Report Date: 10-Feb-2025 14:26:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

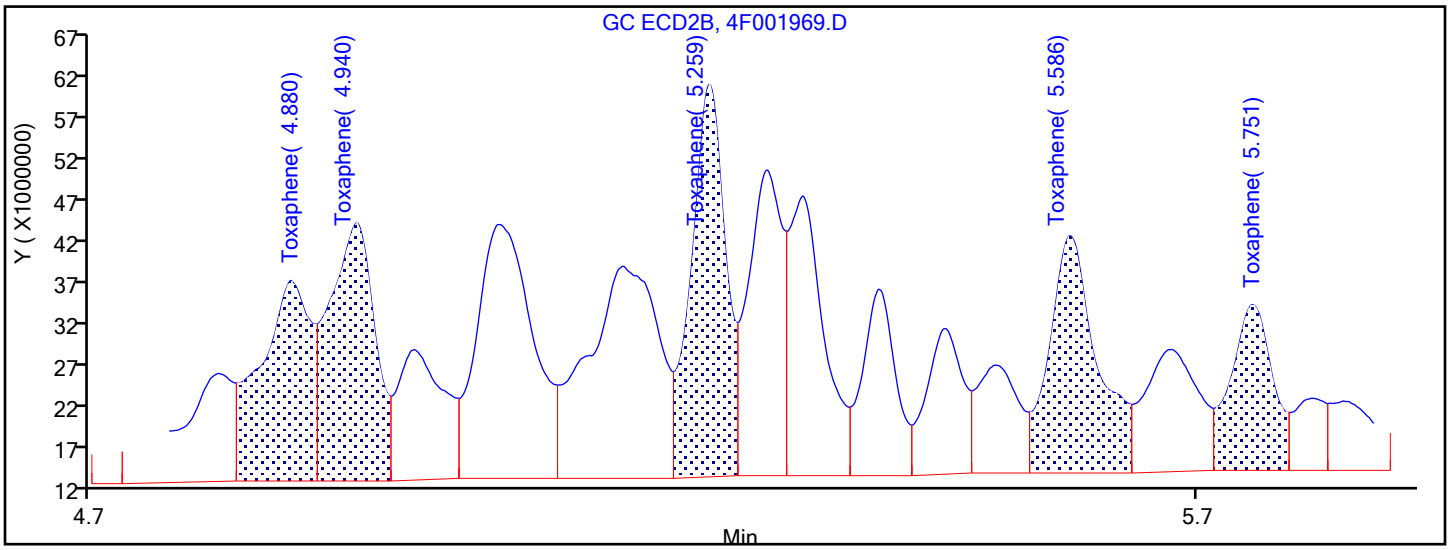
Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001969.D
Injection Date: 09-Feb-2025 08:17:40 Instrument ID: CPESTGC4
Lims ID: CCV TOX
Client ID:
Operator ID: ALS Bottle#: 30 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.880 | Response = 65747823 |
| 4.940 | Response = 78813214 |
| 5.259 | Response = 96177118 |
| 5.586 | Response = 78287110 |
| 5.751 | Response = 48104160 |




Manual Integration Results

| | | |
|---|---|---|
| 4.880 | Response = 78779913 | M |
| 4.940 | Response = 90170446 | M |
| 5.259 | Response = 104164424 | M |
| 5.586 | Response = 87653681 | M |
| 5.751 | Response = 53914199 | M |

Reviewer: OR9X, 10-Feb-2025 12:05:36 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017418/9 Calibration Date: 01/21/2025 10:40

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 09:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977423.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.693 | 1.716 | | 101 | 100 | 1.4 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.564 | 1.559 | | 99.6 | 100 | -0.4 | 20.0 |
| beta-BHC | Ave | 0.6697 | 0.6477 | | 96.7 | 100 | -3.3 | 20.0 |
| delta-BHC | Ave | 1.598 | 1.553 | | 97.2 | 100 | -2.8 | 20.0 |
| Heptachlor | Ave | 1.575 | 1.542 | | 97.9 | 100 | -2.1 | 20.0 |
| Aldrin | Ave | 1.546 | 1.492 | | 96.5 | 100 | -3.5 | 20.0 |
| Heptachlor epoxide | Ave | 1.347 | 1.337 | | 99.3 | 100 | -0.7 | 20.0 |
| trans-Chlordane | Ave | 1.379 | 1.373 | | 99.6 | 100 | -0.4 | 20.0 |
| cis-Chlordane | Ave | 1.321 | 1.340 | | 101 | 100 | 1.4 | 20.0 |
| Endosulfan I | Ave | 1.271 | 1.279 | | 101 | 100 | 0.6 | 20.0 |
| 4,4'-DDE | Ave | 1.376 | 1.341 | | 97.5 | 100 | -2.5 | 20.0 |
| Dieldrin | Ave | 1.475 | 1.462 | | 99.1 | 100 | -0.9 | 20.0 |
| Endrin | Ave | 1.369 | 1.362 | | 99.4 | 100 | -0.6 | 20.0 |
| 4,4'-DDD | Ave | 1.345 | 1.235 | | 91.8 | 100 | -8.2 | 20.0 |
| Endosulfan II | Ave | 1.390 | 1.380 | | 99.3 | 100 | -0.7 | 20.0 |
| 4,4'-DDT | Ave | 1.088 | 1.048 | | 96.3 | 100 | -3.7 | 20.0 |
| Endrin aldehyde | Ave | 1.115 | 1.076 | | 96.5 | 100 | -3.5 | 20.0 |
| Endosulfan sulfate | Ave | 1.430 | 1.392 | | 97.3 | 100 | -2.7 | 20.0 |
| Methoxychlor | Ave | 0.5250 | 0.5286 | | 101 | 100 | 0.7 | 20.0 |
| Mirex | Ave | 1.138 | 1.191 | | 105 | 100 | 4.7 | 20.0 |
| Endrin ketone | Ave | 1.628 | 1.616 | | 99.3 | 100 | -0.7 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.070 | 1.040 | | 97.2 | 100 | -2.8 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.627 | 1.580 | | 97.1 | 100 | -2.9 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017418/9  Calibration Date: 01/21/2025 10:40

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977423.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.44 | 2.43 | 2.45 |
| gamma-BHC (Lindane) | 2.74 | 2.73 | 2.75 |
| beta-BHC | 2.80 | 2.79 | 2.81 |
| delta-BHC | 3.09 | 3.08 | 3.10 |
| Heptachlor | 3.17 | 3.16 | 3.18 |
| Aldrin | 3.54 | 3.53 | 3.55 |
| Heptachlor epoxide | 4.21 | 4.20 | 4.22 |
| trans-Chlordane | 4.44 | 4.43 | 4.45 |
| cis-Chlordane | 4.63 | 4.61 | 4.63 |
| Endosulfan I | 4.70 | 4.69 | 4.71 |
| 4,4'-DDE | 4.83 | 4.81 | 4.83 |
| Dieldrin | 4.99 | 4.98 | 5.00 |
| Endrin | 5.27 | 5.26 | 5.28 |
| 4,4'-DDD | 5.38 | 5.37 | 5.39 |
| Endosulfan II | 5.46 | 5.45 | 5.47 |
| 4,4'-DDT | 5.66 | 5.65 | 5.67 |
| Endrin aldehyde | 5.76 | 5.75 | 5.77 |
| Endosulfan sulfate | 6.02 | 6.01 | 6.03 |
| Methoxychlor | 6.46 | 6.45 | 6.47 |
| Mirex | 6.58 | 6.57 | 6.59 |
| Endrin ketone | 6.67 | 6.66 | 6.68 |
| Tetrachloro-m-xylene | 2.02 | 2.01 | 2.03 |
| DCB Decachlorobiphenyl | 8.09 | 8.08 | 8.10 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2025 10:40:18 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-009
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:44:01 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:48:59

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.510 | -0.001 | 27760132 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.613 | 0.000 | 47529028 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 28867873 | 100.0 | 97.2 | |
| 2 | 2.001 | 1.999 | 0.002 | 54933772 | 100.0 | 95.2 | |
| | | | | | | RPD = 2.06 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 47640308 | 100.0 | 101.4 | |
| 2 | 2.336 | 2.334 | 0.002 | 87268262 | 100.0 | 100.9 | |
| | | | | | | RPD = 0.47 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 43264917 | 100.0 | 99.6 | M |
| 2 | 2.552 | 2.551 | 0.001 | 79062835 | 100.0 | 99.0 | M |
| | | | | | | RPD = 0.60 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.798 | 0.001 | 17978989 | 100.0 | 96.7 | M |
| 2 | 2.606 | 2.604 | 0.002 | 34135475 | 100.0 | 97.3 | M |
| | | | | | | RPD = 0.61 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.094 | 3.092 | 0.002 | 43099081 | 100.0 | 97.2 | M |
| 2 | 2.746 | 2.744 | 0.002 | 81012332 | 100.0 | 100.6 | |
| | | | | | | RPD = 3.46 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.169 | 3.167 | 0.002 | 42799062 | 100.0 | 97.9 | M |
| 2 | 2.927 | 2.925 | 0.002 | 83555040 | 100.0 | 99.1 | |
| | | | | | | RPD = 1.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.538 | 0.001 | 41412726 | 100.0 | 96.5 | |
| 2 | 3.196 | 3.194 | 0.002 | 80652325 | 100.0 | 96.5 | |
| | | | | | | RPD = 0.01 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 37122418 | 100.0 | 99.3 | |
| 2 | 3.815 | 3.814 | 0.001 | 73550220 | 100.0 | 97.4 | |
| | | | | | | RPD = 1.87 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 38111838 | 100.0 | 99.6 | |
| 2 | 3.947 | 3.945 | 0.002 | 75232935 | 100.0 | 97.9 | |
| | | | | | | RPD = 1.73 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.626 | 4.624 | 0.002 | 37188529 | 100.0 | 101.4 | M |
| 2 | 4.084 | 4.084 | 0.000 | 72247155 | 100.0 | 99.3 | |
| | | | | | | RPD = 2.13 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.696 | 0.001 | 35496846 | 100.0 | 100.6 | M |
| 2 | 4.232 | 4.231 | 0.001 | 69140190 | 100.0 | 101.9 | |
| | | | | | | RPD = 1.27 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.824 | 0.002 | 37230237 | 100.0 | 97.5 | M |
| 2 | 4.166 | 4.165 | 0.001 | 70580269 | 100.0 | 99.1 | |
| | | | | | | RPD = 1.68 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.985 | 4.985 | 0.000 | 40578020 | 100.0 | 99.1 | M |
| 2 | 4.506 | 4.504 | 0.002 | 74529192 | 100.0 | 97.1 | |
| | | | | | | RPD = 2.01 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 37803766 | 100.0 | 99.4 | M |
| 2 | 4.766 | 4.766 | 0.000 | 68216617 | 100.0 | 97.2 | |
| | | | | | | RPD = 2.31 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.382 | 0.001 | 34278880 | 100.0 | 91.8 | M |
| 2 | 4.844 | 4.843 | 0.001 | 58521746 | 100.0 | 97.9 | |
| | | | | | | RPD = 6.50 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 38301647 | 100.0 | 99.3 | M |
| 2 | 4.979 | 4.979 | 0.000 | 60941388 | 100.0 | 102.3 | |
| | | | | | | RPD = 2.98 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.662 | 5.661 | 0.001 | 29079416 | 100.0 | 96.3 | |
| 2 | 5.104 | 5.103 | 0.001 | 58191739 | 100.0 | 96.3 | |
| | | | | | | RPD = 0.04 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.757 | 5.756 | 0.001 | 29863017 | 100.0 | 96.5 | |
| 2 | 5.339 | 5.339 | 0.000 | 50562222 | 100.0 | 99.4 | |
| | | | | | | RPD = 2.92 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 38647007 | 100.0 | 97.3 | |
| 2 | 5.697 | 5.697 | 0.000 | 62645326 | 100.0 | 95.8 | |
| | | | | | | RPD = 1.60 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.464 | 6.463 | 0.001 | 14673539 | 100.0 | 100.7 | |
| 2 | 5.533 | 5.532 | 0.001 | 32092606 | 100.0 | 101.2 | |
| | | | | | | RPD = 0.49 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 33064183 | 100.0 | 104.7 | M |
| 2 | 5.601 | 5.600 | 0.001 | 51543973 | 100.0 | 100.7 | |
| | | | | | | RPD = 3.91 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.674 | 6.673 | 0.001 | 44864584 | 100.0 | 99.3 | M |
| 2 | 5.925 | 5.925 | 0.000 | 71821720 | 100.0 | 98.9 | |
| | | | | | | RPD = 0.36 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.094 | 8.093 | 0.001 | 43857207 | 100.0 | 97.1 | |
| 2 | 7.319 | 7.319 | 0.000 | 65650200 | 100.0 | 93.8 | |
| | | | | | | RPD = 3.44 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

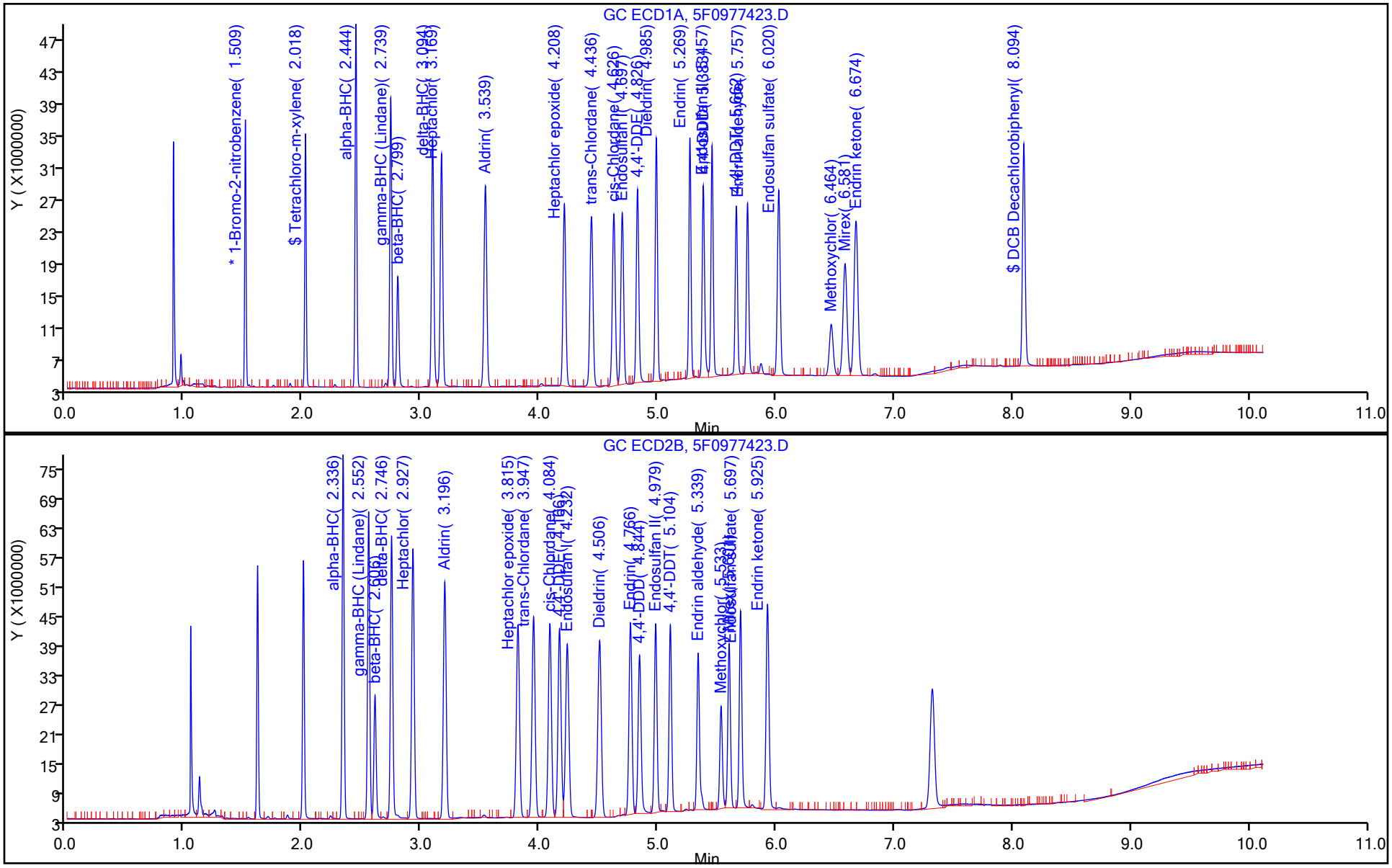
| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:47:59 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:40:18 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICV PEST | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

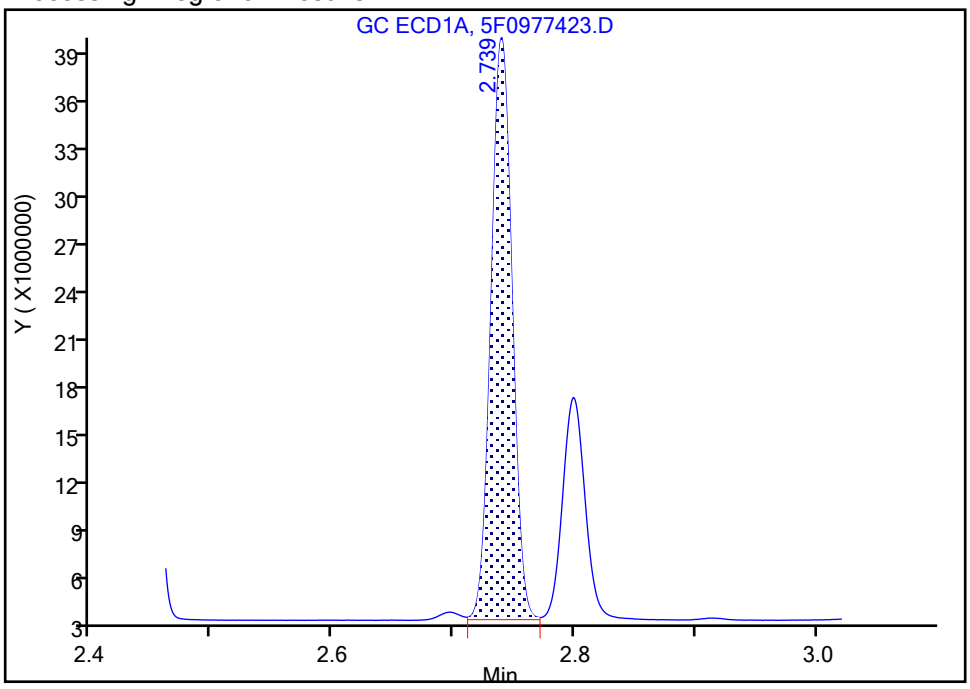
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

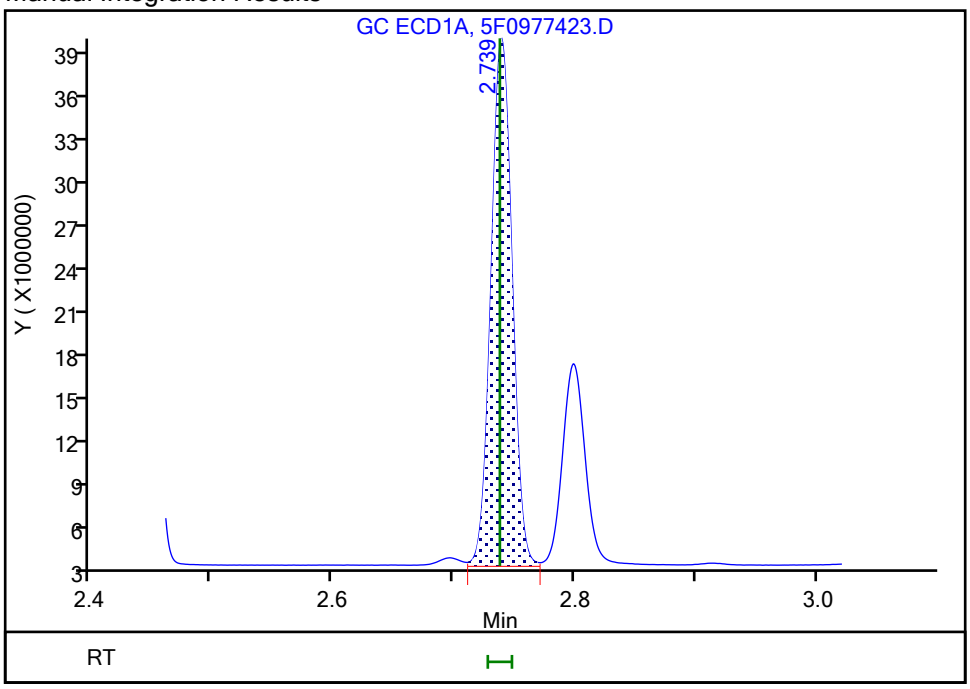
Processing Integration Results

RT: 2.74
Area: 42989000
Amount: 99.166669
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 43264917
Amount: 99.635915
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

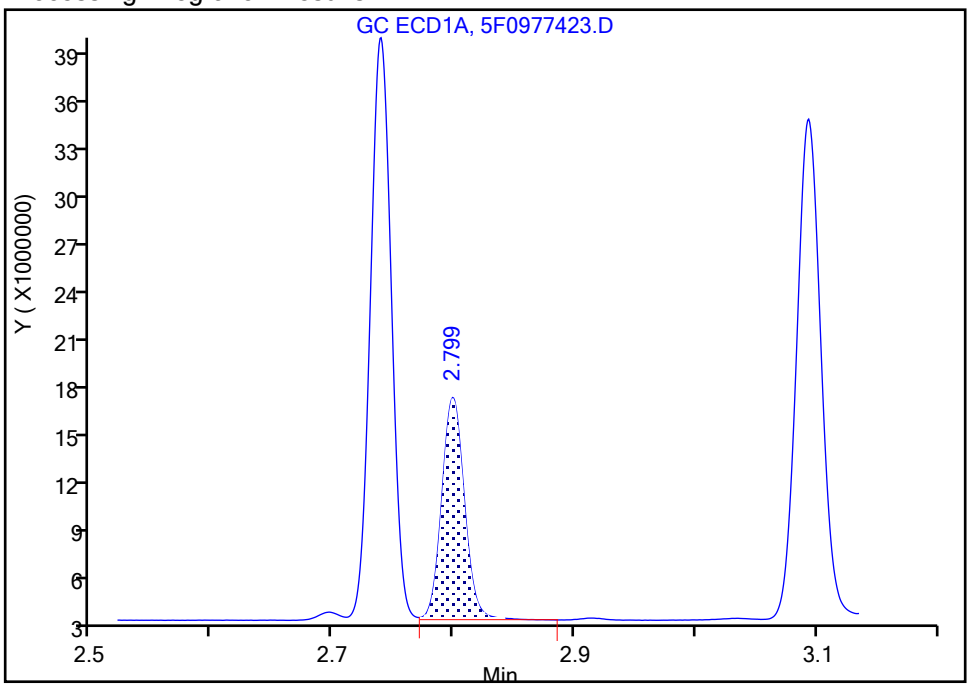
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

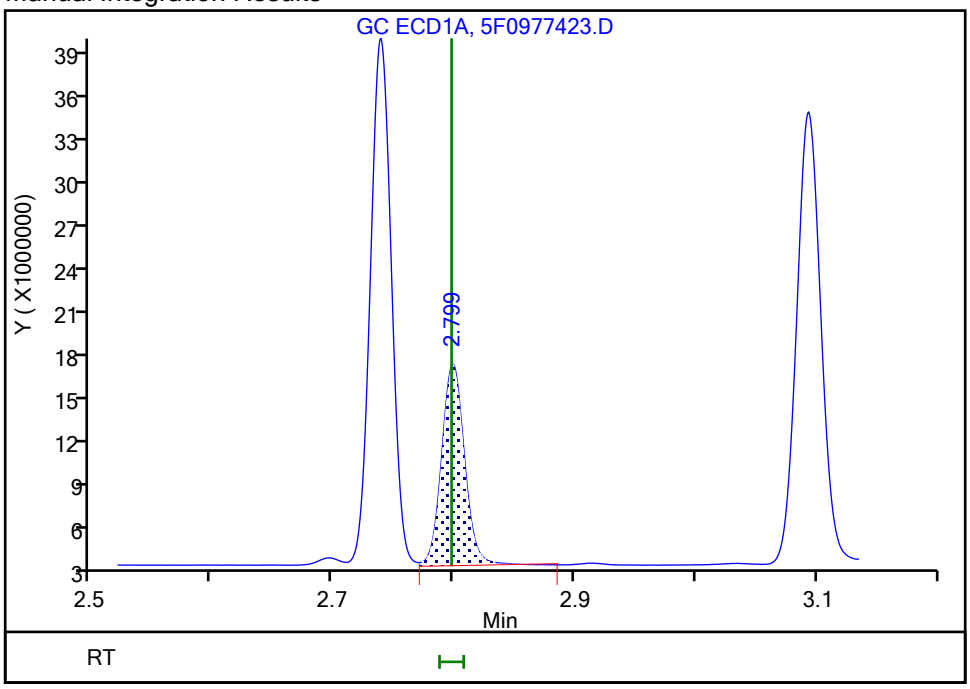
Processing Integration Results

RT: 2.80
Area: 17661741
Amount: 95.196385
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 17978989
Amount: 96.707586
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:34 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

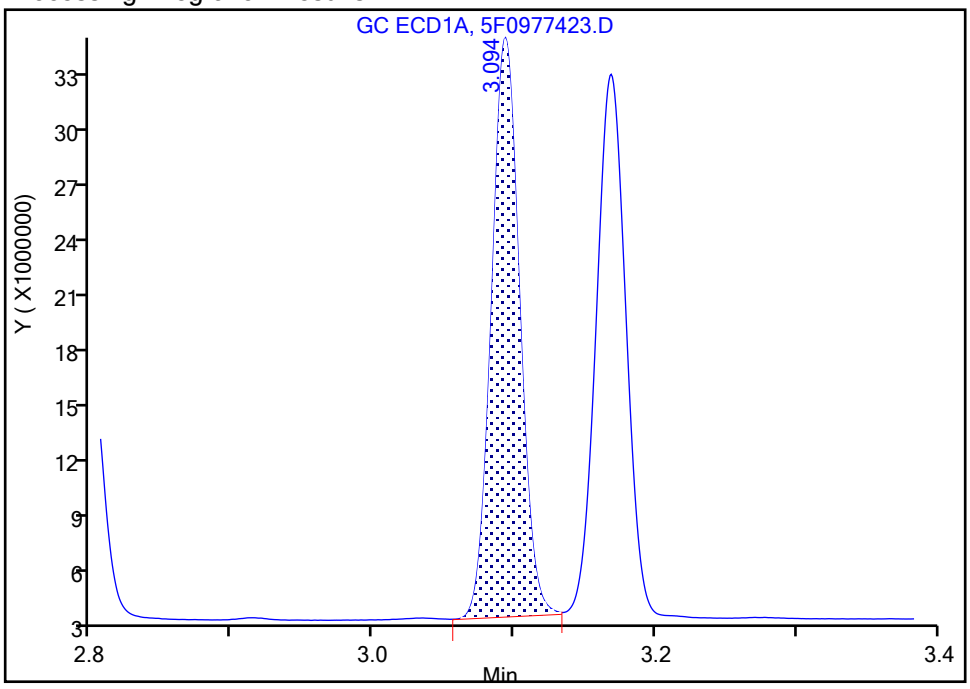
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

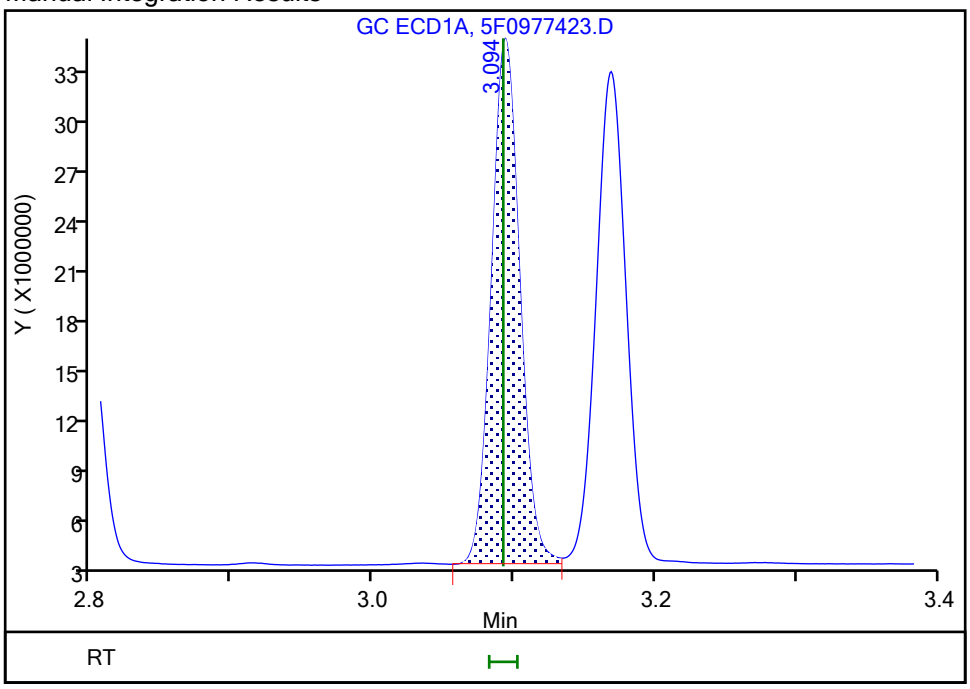
Processing Integration Results

RT: 3.09
Area: 42641772
Amount: 96.306475
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 43099081
Amount: 97.156419
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

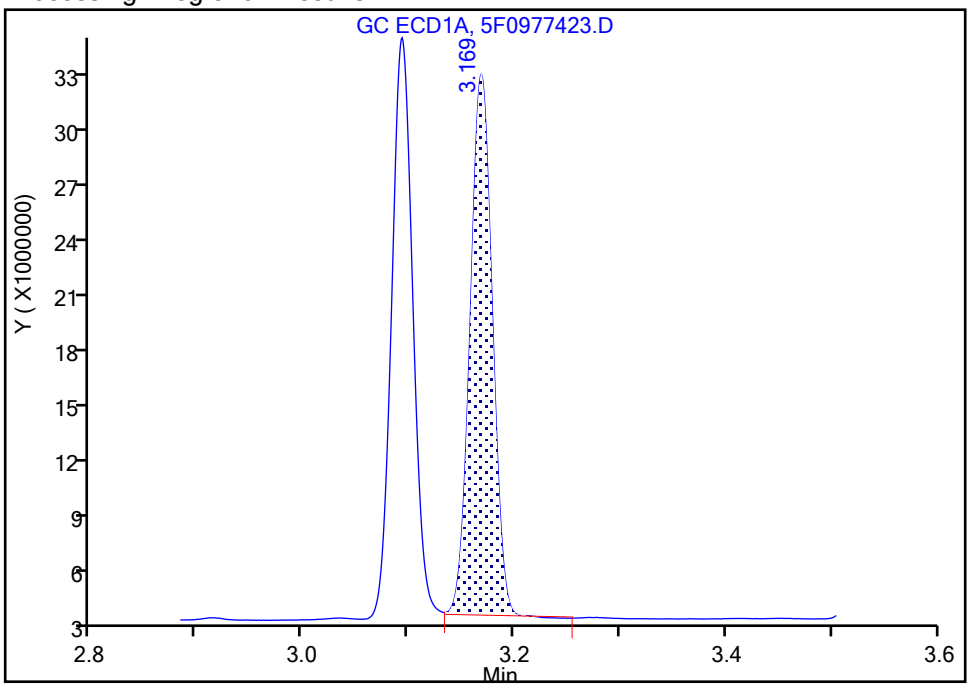
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

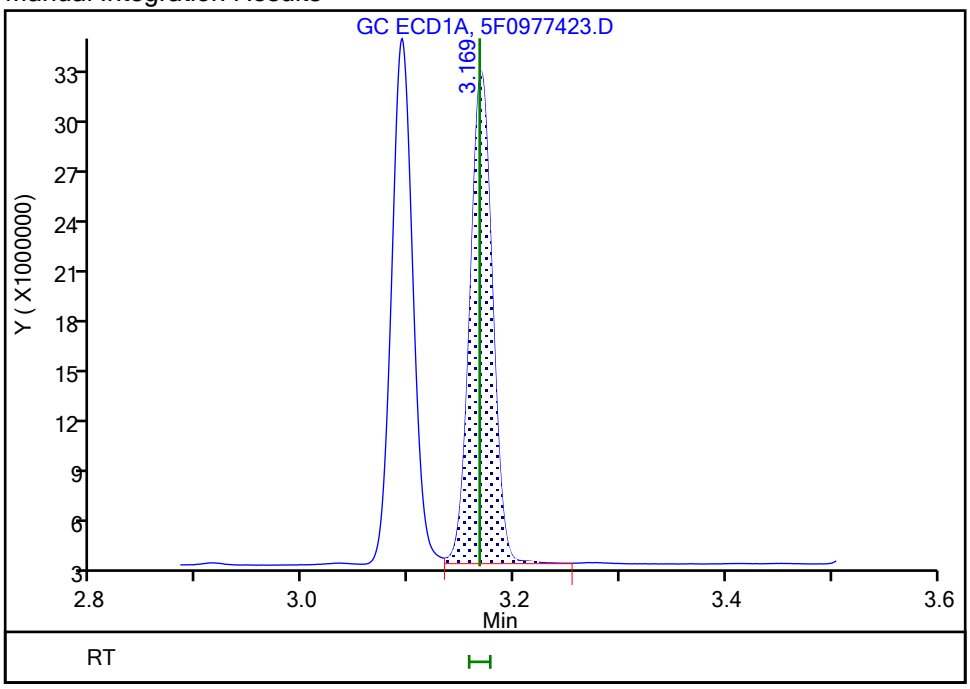
Processing Integration Results

RT: 3.17
Area: 42030058
Amount: 96.347374
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 42799062
Amount: 97.908083
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:35 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

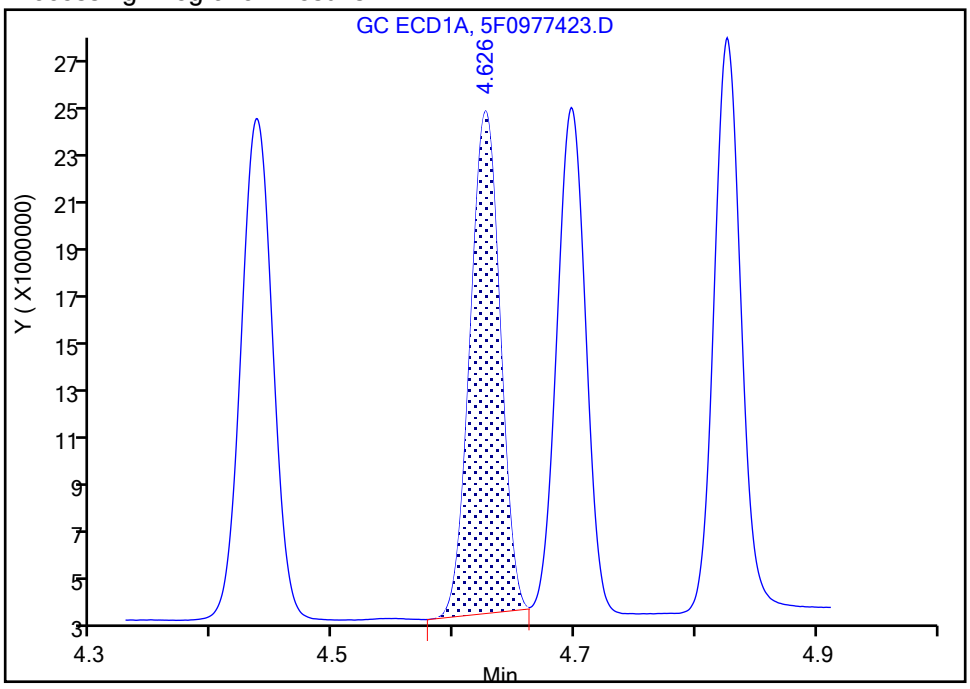
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D | | | | |
| Injection Date: | 21-Jan-2025 10:40:18 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | ICV PEST | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

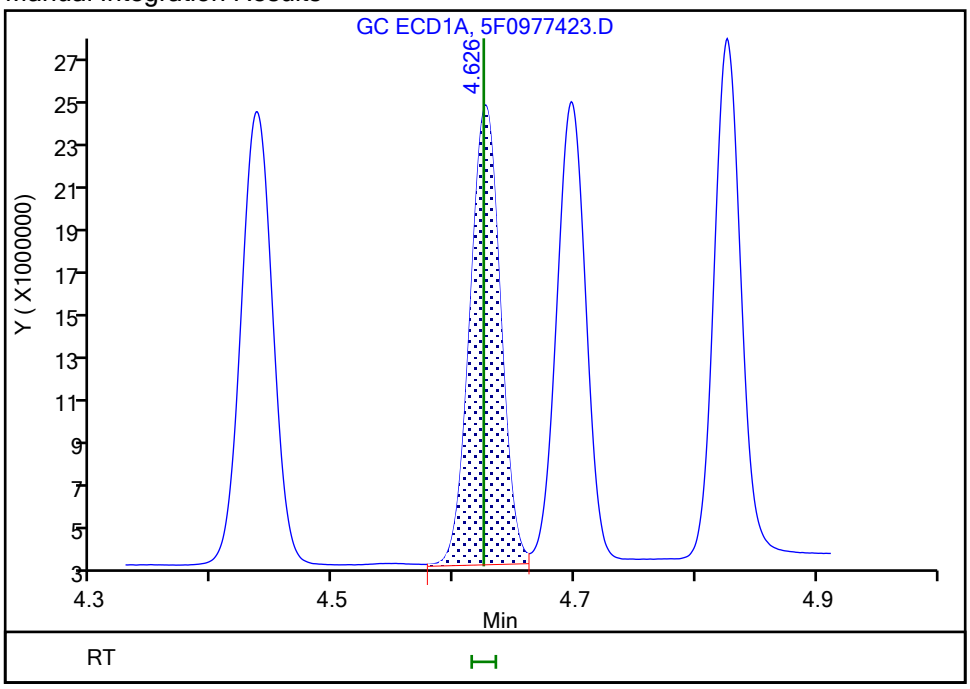
Processing Integration Results

RT: 4.63
Area: 36246590
Amount: 99.022443
Amount Units: ug/l




Manual Integration Results

RT: 4.63
Area: 37188529
Amount: 101.4093
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:41 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

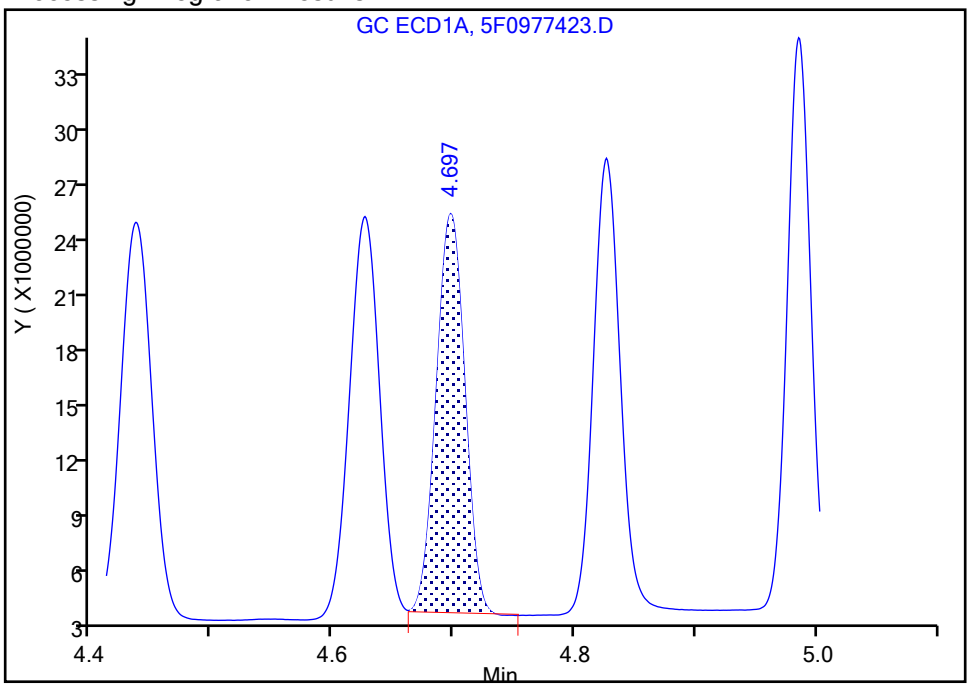
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

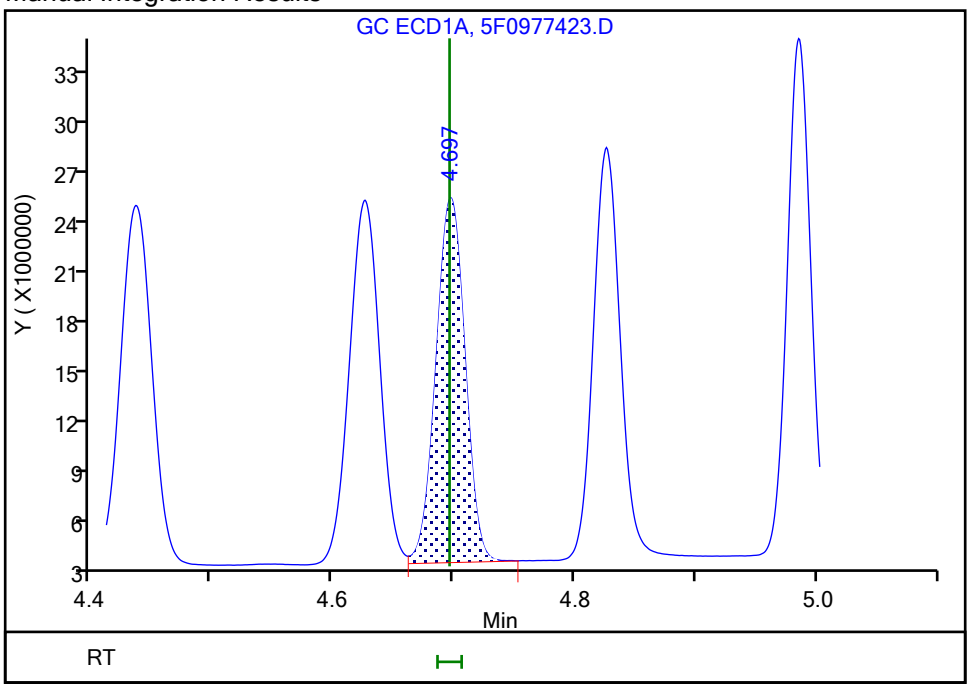
Processing Integration Results

RT: 4.70
Area: 34633724
Amount: 98.378227
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 35496846
Amount: 100.6436
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:41 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

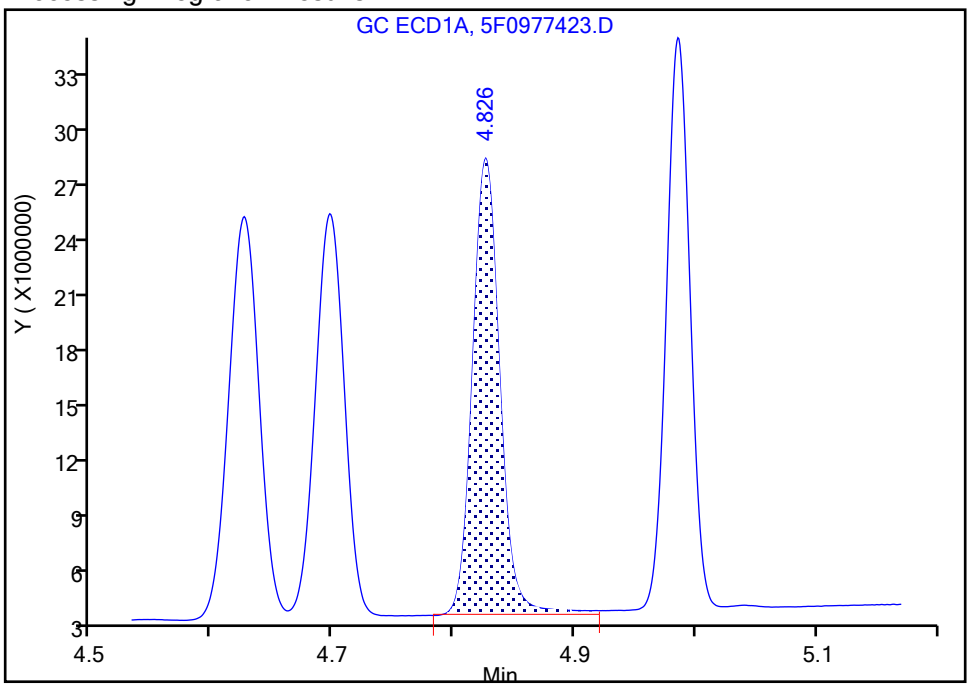
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 1

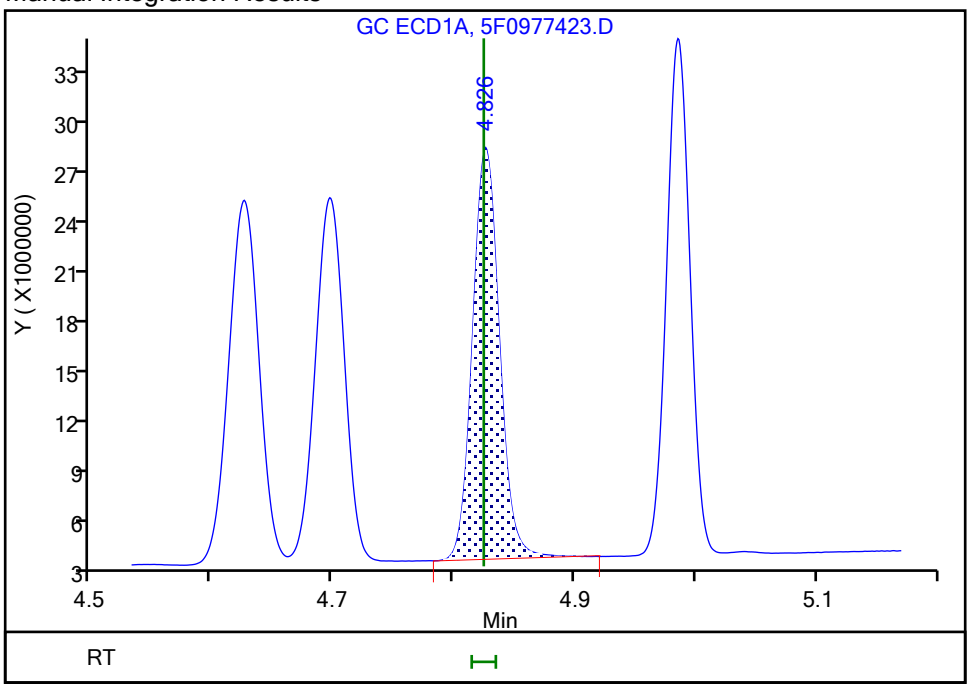
Processing Integration Results

RT: 4.83
Area: 37574180
Amount: 98.556036
Amount Units: ug/l




Manual Integration Results

RT: 4.83
Area: 37230237
Amount: 97.486411
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

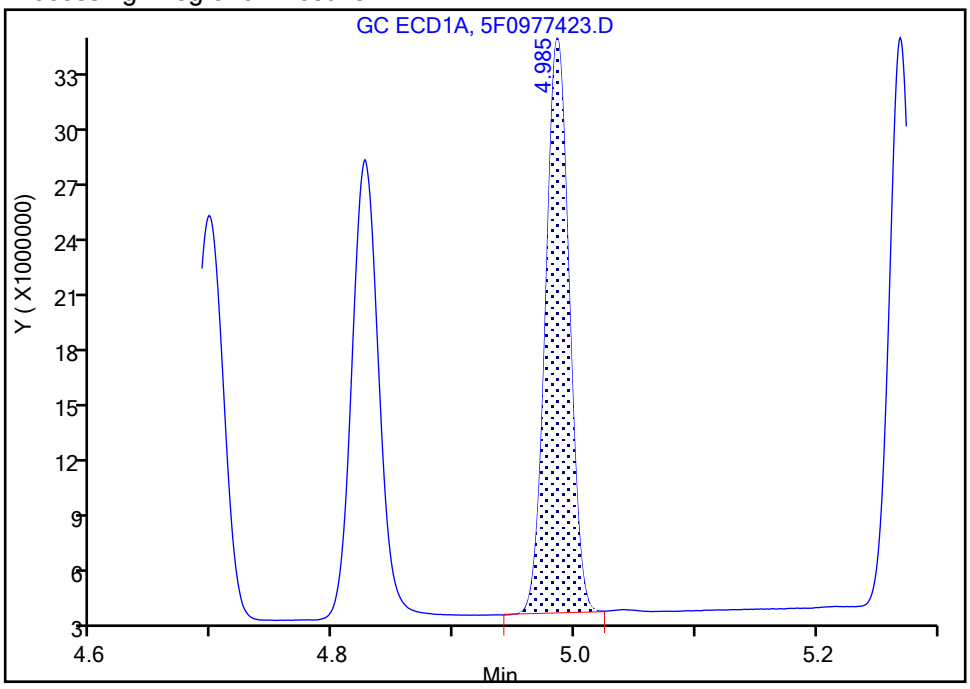
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1

Signal: 1

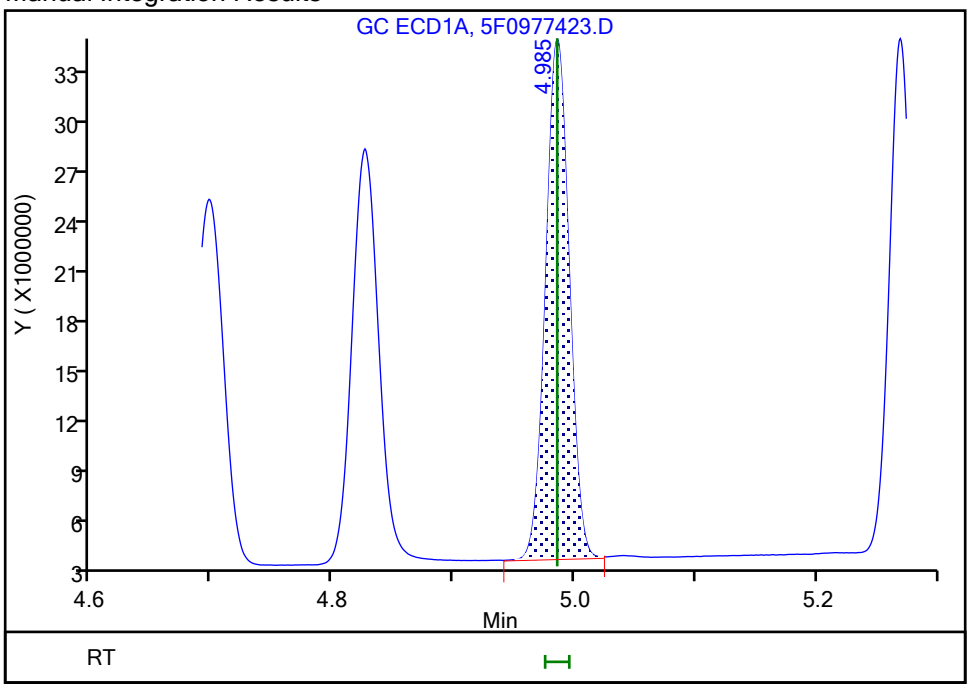
Processing Integration Results

RT: 4.99
Area: 40465350
Amount: 98.979077
Amount Units: ug/l




Manual Integration Results

RT: 4.99
Area: 40578020
Amount: 99.095369
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

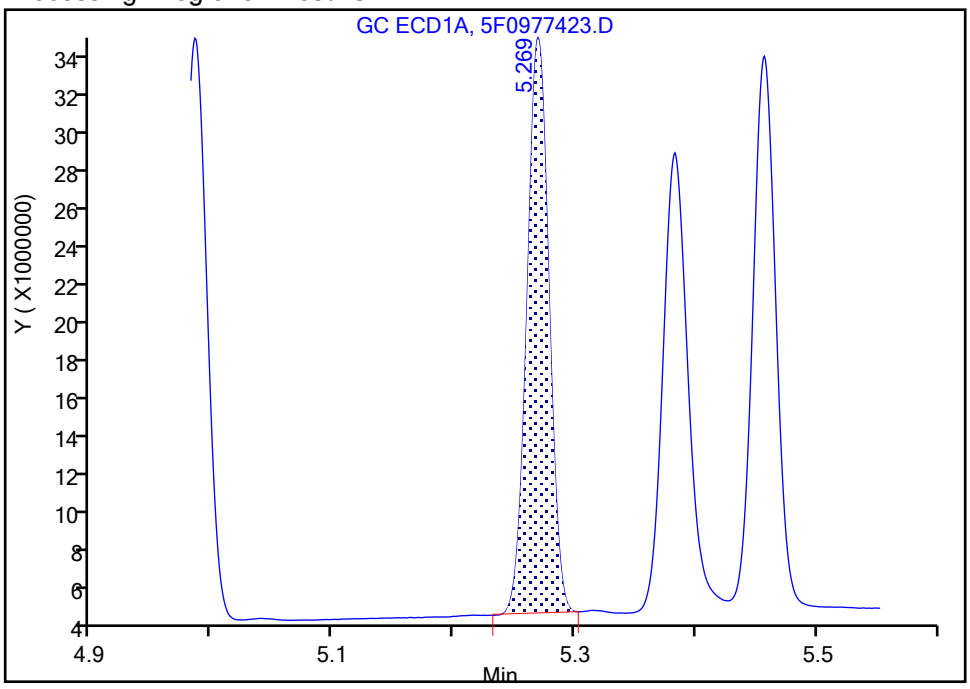
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

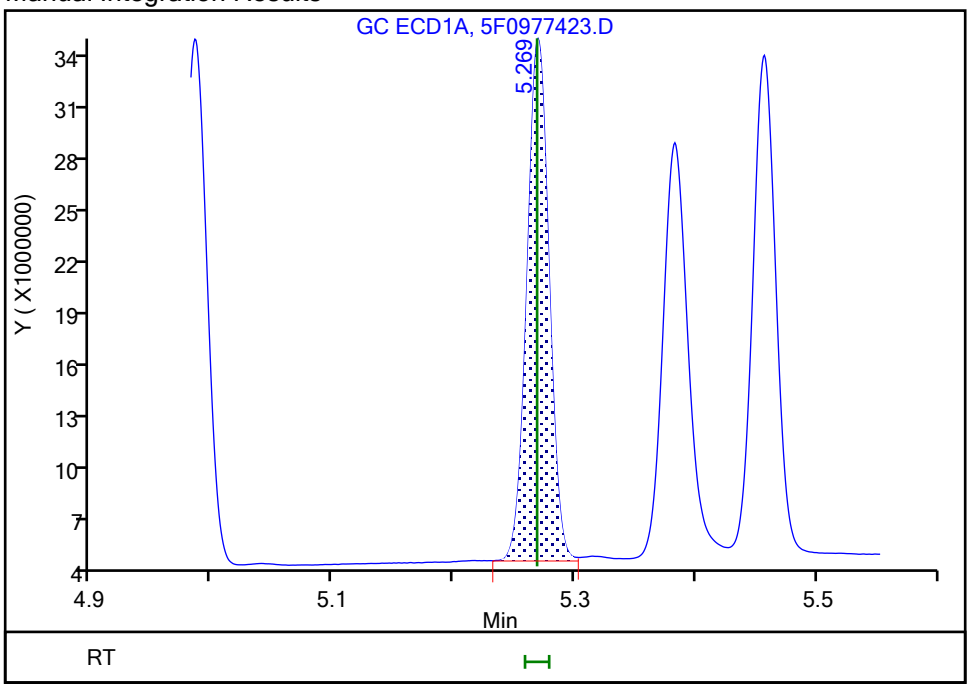
Processing Integration Results

RT: 5.27
Area: 37372612
Amount: 98.416613
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 37803766
Amount: 99.444084
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

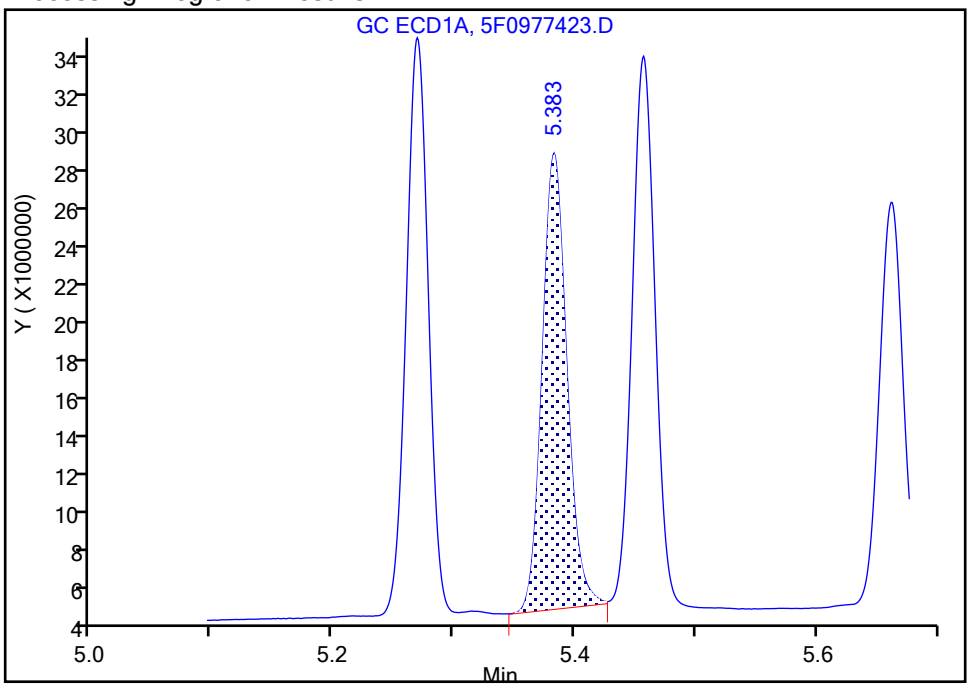
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

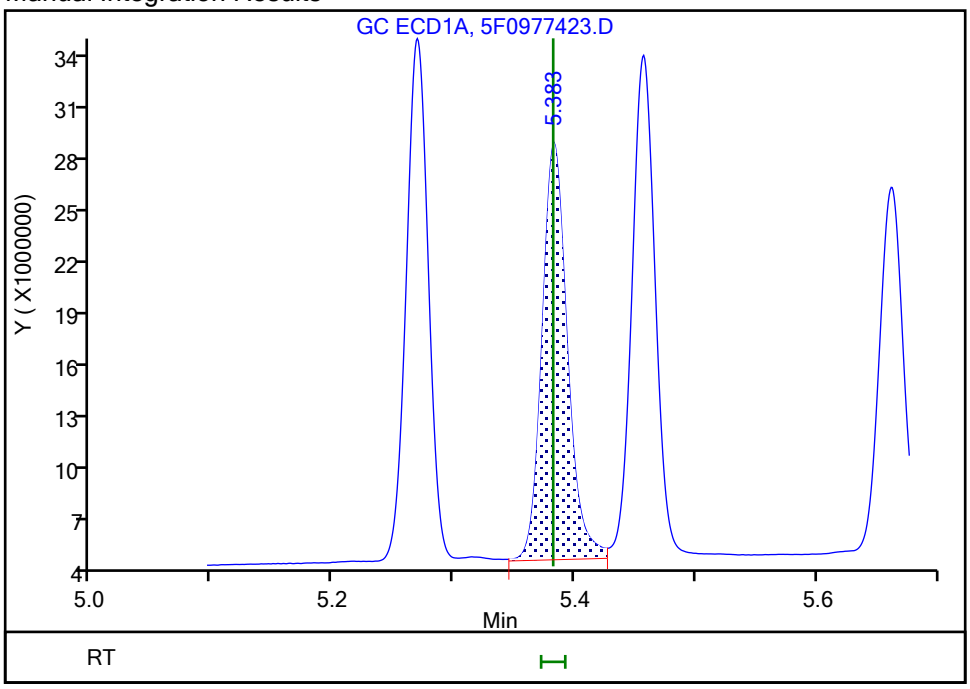
Processing Integration Results

RT: 5.38
Area: 33296633
Amount: 90.821887
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 34278880
Amount: 91.782509
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

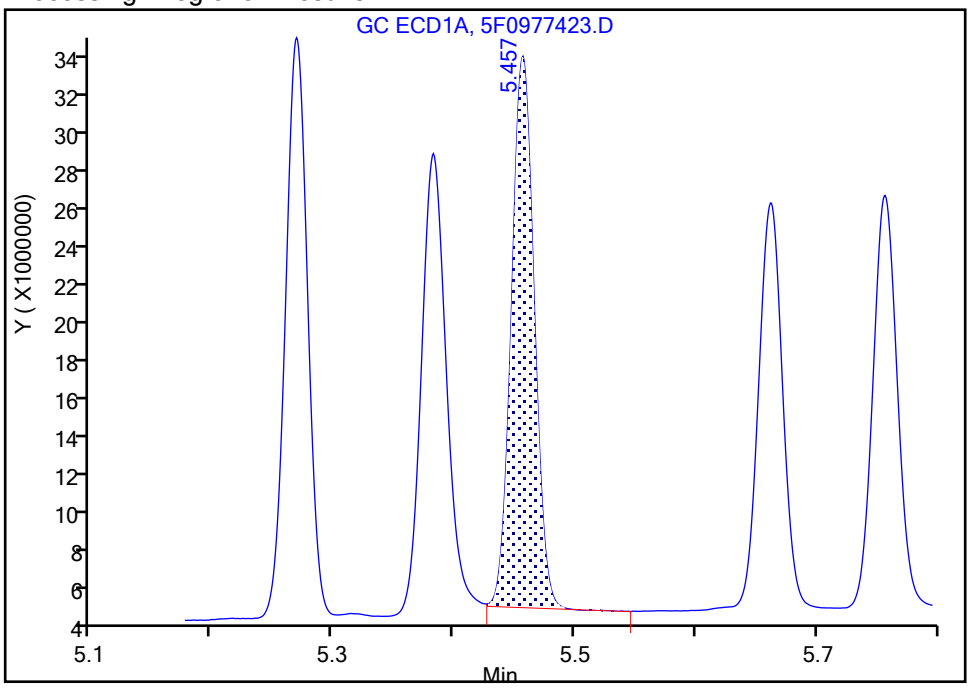
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

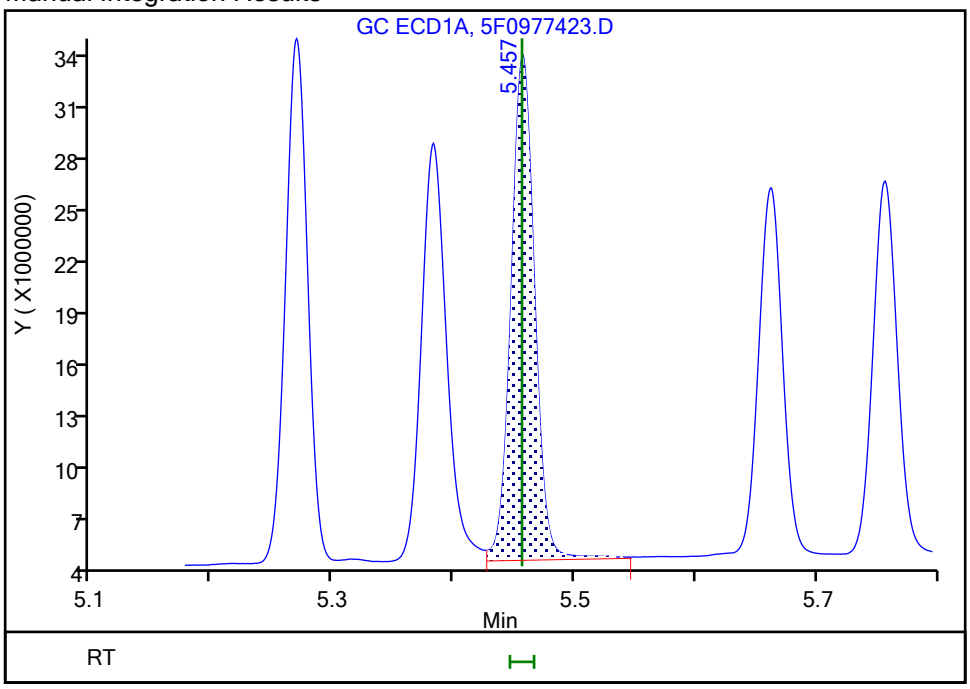
Processing Integration Results

RT: 5.46
Area: 37005546
Amount: 100.4674
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 38301647
Amount: 99.277756
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

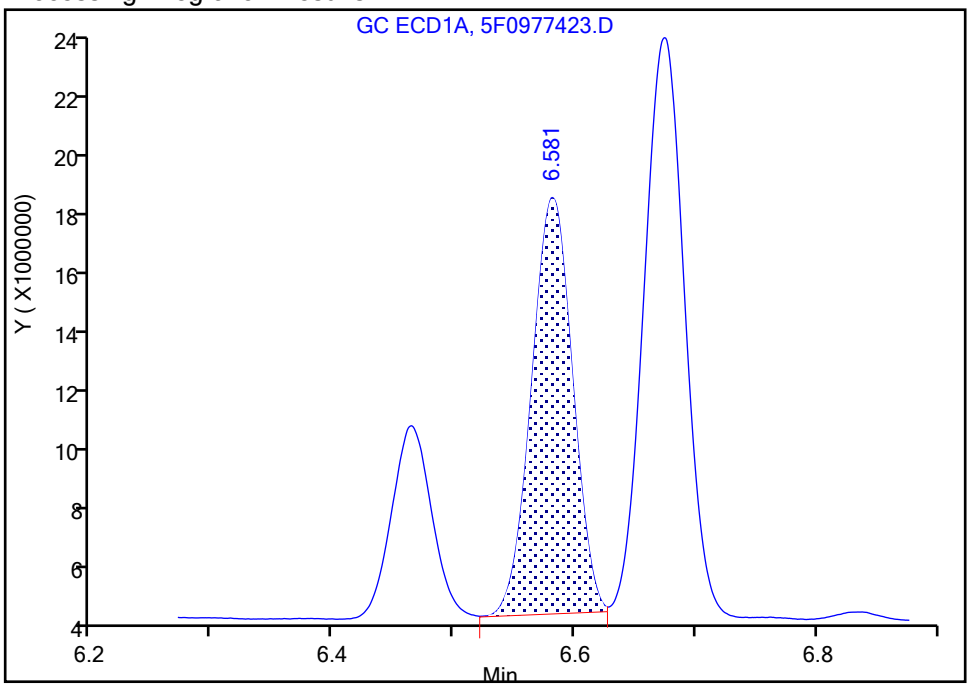
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

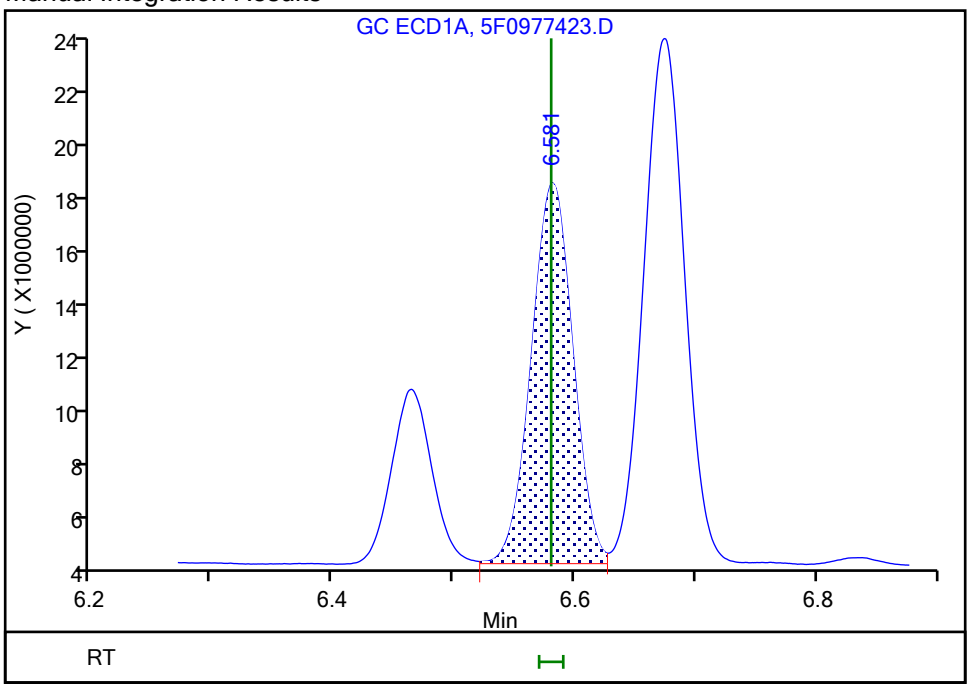
Processing Integration Results

RT: 6.58
Area: 32398747
Amount: 102.8185
Amount Units: ug/l




Manual Integration Results

RT: 6.58
Area: 33064183
Amount: 104.7060
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:47 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

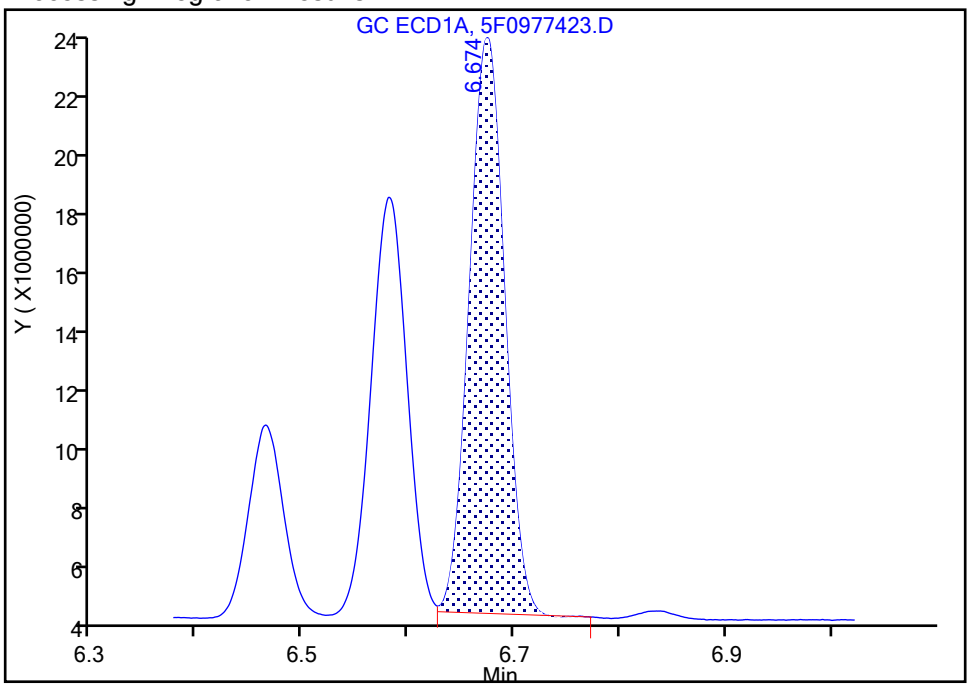
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D | | | | |
| Injection Date: | 21-Jan-2025 10:40:18 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | ICV PEST | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

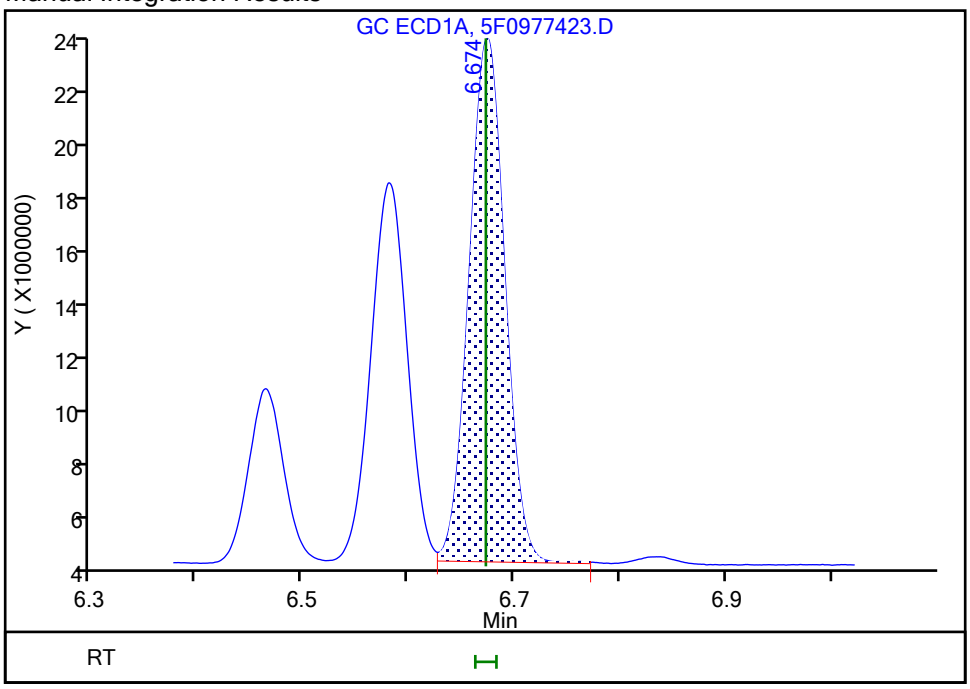
Processing Integration Results

RT: 6.67
Area: 44026271
Amount: 97.630256
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 44864584
Amount: 99.279136
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:47 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017418/9 Calibration Date: 01/21/2025 10:40

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 09:22

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977423.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.820 | 1.836 | | 101 | 100 | 0.9 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.680 | 1.663 | | 99.0 | 100 | -1.0 | 20.0 |
| beta-BHC | Ave | 0.7381 | 0.7182 | | 97.3 | 100 | -2.7 | 20.0 |
| delta-BHC | Ave | 1.695 | 1.704 | | 101 | 100 | 0.6 | 20.0 |
| Heptachlor | Ave | 1.774 | 1.758 | | 99.1 | 100 | -0.9 | 20.0 |
| Aldrin | Ave | 1.758 | 1.697 | | 96.5 | 100 | -3.5 | 20.0 |
| Heptachlor epoxide | Ave | 1.588 | 1.547 | | 97.4 | 100 | -2.6 | 20.0 |
| trans-Chlordane | Ave | 1.617 | 1.583 | | 97.9 | 100 | -2.1 | 20.0 |
| cis-Chlordane | Ave | 1.531 | 1.520 | | 99.3 | 100 | -0.7 | 20.0 |
| 4,4'-DDE | Ave | 1.498 | 1.485 | | 99.1 | 100 | -0.9 | 20.0 |
| Endosulfan I | Ave | 1.427 | 1.455 | | 102 | 100 | 1.9 | 20.0 |
| Dieldrin | Ave | 1.615 | 1.568 | | 97.1 | 100 | -2.9 | 20.0 |
| Endrin | Ave | 1.477 | 1.435 | | 97.2 | 100 | -2.8 | 20.0 |
| 4,4'-DDD | Ave | 1.257 | 1.231 | | 97.9 | 100 | -2.1 | 20.0 |
| Endosulfan II | Ave | 1.254 | 1.282 | | 102 | 100 | 2.3 | 20.0 |
| 4,4'-DDT | Ave | 1.271 | 1.224 | | 96.3 | 100 | -3.7 | 20.0 |
| Endrin aldehyde | Ave | 1.071 | 1.064 | | 99.4 | 100 | -0.6 | 20.0 |
| Methoxychlor | Ave | 0.6674 | 0.6752 | | 101 | 100 | 1.2 | 20.0 |
| Mirex | Ave | 1.077 | 1.084 | | 101 | 100 | 0.7 | 20.0 |
| Endosulfan sulfate | Ave | 1.376 | 1.318 | | 95.8 | 100 | -4.2 | 20.0 |
| Endrin ketone | Ave | 1.528 | 1.511 | | 98.9 | 100 | -1.1 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.213 | 1.156 | | 95.2 | 100 | -4.8 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.473 | 1.381 | | 93.8 | 100 | -6.2 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017418/9  Calibration Date: 01/21/2025 10:40

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977423.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.34 | 2.32 | 2.34 |
| gamma-BHC (Lindane) | 2.55 | 2.54 | 2.56 |
| beta-BHC | 2.61 | 2.59 | 2.61 |
| delta-BHC | 2.75 | 2.73 | 2.75 |
| Heptachlor | 2.93 | 2.92 | 2.94 |
| Aldrin | 3.20 | 3.18 | 3.20 |
| Heptachlor epoxide | 3.82 | 3.80 | 3.82 |
| trans-Chlordane | 3.95 | 3.94 | 3.96 |
| cis-Chlordane | 4.08 | 4.07 | 4.09 |
| 4,4'-DDE | 4.17 | 4.16 | 4.18 |
| Endosulfan I | 4.23 | 4.22 | 4.24 |
| Dieldrin | 4.51 | 4.49 | 4.51 |
| Endrin | 4.77 | 4.76 | 4.78 |
| 4,4'-DDD | 4.84 | 4.83 | 4.85 |
| Endosulfan II | 4.98 | 4.97 | 4.99 |
| 4,4'-DDT | 5.10 | 5.09 | 5.11 |
| Endrin aldehyde | 5.34 | 5.33 | 5.35 |
| Methoxychlor | 5.53 | 5.52 | 5.54 |
| Mirex | 5.60 | 5.59 | 5.61 |
| Endosulfan sulfate | 5.70 | 5.69 | 5.71 |
| Endrin ketone | 5.93 | 5.92 | 5.94 |
| Tetrachloro-m-xylene | 2.00 | 1.99 | 2.01 |
| DCB Decachlorobiphenyl | 7.32 | 7.31 | 7.33 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2025 10:40:18 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186010-009
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:44:01 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 02:48:59

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.510 | -0.001 | 27760132 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.613 | 0.000 | 47529028 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.017 | 0.001 | 28867873 | 100.0 | 97.2 | |
| 2 | 2.001 | 1.999 | 0.002 | 54933772 | 100.0 | 95.2 | |
| | | | | | | RPD = 2.06 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.444 | 2.444 | 0.000 | 47640308 | 100.0 | 101.4 | |
| 2 | 2.336 | 2.334 | 0.002 | 87268262 | 100.0 | 100.9 | |
| | | | | | | RPD = 0.47 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.738 | 0.001 | 43264917 | 100.0 | 99.6 | M |
| 2 | 2.552 | 2.551 | 0.001 | 79062835 | 100.0 | 99.0 | M |
| | | | | | | RPD = 0.60 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.798 | 0.001 | 17978989 | 100.0 | 96.7 | M |
| 2 | 2.606 | 2.604 | 0.002 | 34135475 | 100.0 | 97.3 | M |
| | | | | | | RPD = 0.61 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.094 | 3.092 | 0.002 | 43099081 | 100.0 | 97.2 | M |
| 2 | 2.746 | 2.744 | 0.002 | 81012332 | 100.0 | 100.6 | |
| | | | | | | RPD = 3.46 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.169 | 3.167 | 0.002 | 42799062 | 100.0 | 97.9 | M |
| 2 | 2.927 | 2.925 | 0.002 | 83555040 | 100.0 | 99.1 | |
| | | | | | | RPD = 1.22 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.538 | 0.001 | 41412726 | 100.0 | 96.5 | |
| 2 | 3.196 | 3.194 | 0.002 | 80652325 | 100.0 | 96.5 | |
| | | | | | | RPD = 0.01 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.207 | 0.001 | 37122418 | 100.0 | 99.3 | |
| 2 | 3.815 | 3.814 | 0.001 | 73550220 | 100.0 | 97.4 | |
| | | | | | | RPD = 1.87 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.436 | 0.000 | 38111838 | 100.0 | 99.6 | |
| 2 | 3.947 | 3.945 | 0.002 | 75232935 | 100.0 | 97.9 | |
| | | | | | | RPD = 1.73 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.626 | 4.624 | 0.002 | 37188529 | 100.0 | 101.4 | M |
| 2 | 4.084 | 4.084 | 0.000 | 72247155 | 100.0 | 99.3 | |
| | | | | | | RPD = 2.13 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.696 | 0.001 | 35496846 | 100.0 | 100.6 | M |
| 2 | 4.232 | 4.231 | 0.001 | 69140190 | 100.0 | 101.9 | |
| | | | | | | RPD = 1.27 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.824 | 0.002 | 37230237 | 100.0 | 97.5 | M |
| 2 | 4.166 | 4.165 | 0.001 | 70580269 | 100.0 | 99.1 | |
| | | | | | | RPD = 1.68 | |
| 30 Dieldrin | | | | | | | M |
| 1 | 4.985 | 4.985 | 0.000 | 40578020 | 100.0 | 99.1 | M |
| 2 | 4.506 | 4.504 | 0.002 | 74529192 | 100.0 | 97.1 | |
| | | | | | | RPD = 2.01 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.269 | 5.269 | 0.000 | 37803766 | 100.0 | 99.4 | M |
| 2 | 4.766 | 4.766 | 0.000 | 68216617 | 100.0 | 97.2 | |
| | | | | | | RPD = 2.31 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.382 | 0.001 | 34278880 | 100.0 | 91.8 | M |
| 2 | 4.844 | 4.843 | 0.001 | 58521746 | 100.0 | 97.9 | |
| | | | | | | RPD = 6.50 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.456 | 0.001 | 38301647 | 100.0 | 99.3 | M |
| 2 | 4.979 | 4.979 | 0.000 | 60941388 | 100.0 | 102.3 | |
| | | | | | | RPD = 2.98 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.662 | 5.661 | 0.001 | 29079416 | 100.0 | 96.3 | |
| 2 | 5.104 | 5.103 | 0.001 | 58191739 | 100.0 | 96.3 | |
| | | | | | | RPD = 0.04 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.757 | 5.756 | 0.001 | 29863017 | 100.0 | 96.5 | |
| 2 | 5.339 | 5.339 | 0.000 | 50562222 | 100.0 | 99.4 | |
| | | | | | | RPD = 2.92 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.020 | 6.020 | 0.000 | 38647007 | 100.0 | 97.3 | |
| 2 | 5.697 | 5.697 | 0.000 | 62645326 | 100.0 | 95.8 | |
| | | | | | | RPD = 1.60 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.464 | 6.463 | 0.001 | 14673539 | 100.0 | 100.7 | |
| 2 | 5.533 | 5.532 | 0.001 | 32092606 | 100.0 | 101.2 | |
| | | | | | | RPD = 0.49 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.581 | 6.580 | 0.001 | 33064183 | 100.0 | 104.7 | M |
| 2 | 5.601 | 5.600 | 0.001 | 51543973 | 100.0 | 100.7 | |
| | | | | | | RPD = 3.91 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.674 | 6.673 | 0.001 | 44864584 | 100.0 | 99.3 | M |
| 2 | 5.925 | 5.925 | 0.000 | 71821720 | 100.0 | 98.9 | |
| | | | | | | RPD = 0.36 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.094 | 8.093 | 0.001 | 43857207 | 100.0 | 97.1 | |
| 2 | 7.319 | 7.319 | 0.000 | 65650200 | 100.0 | 93.8 | |
| | | | | | | RPD = 3.44 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

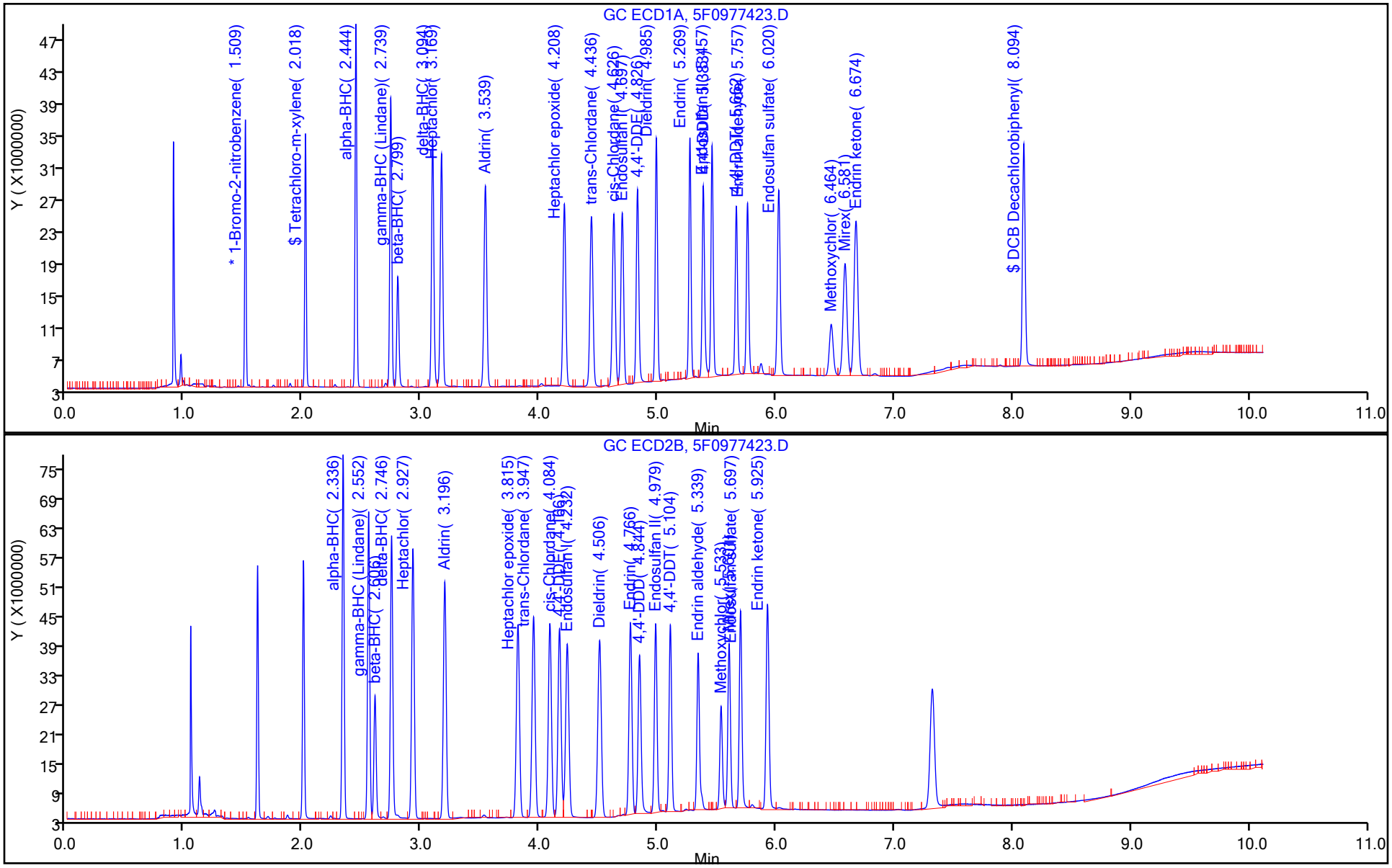
| | | | |
|---|---|---|---|
| SGPTICV_00049 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:48:00 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 10:40:18 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICV PEST | | | Worklist Smp#: | 9 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

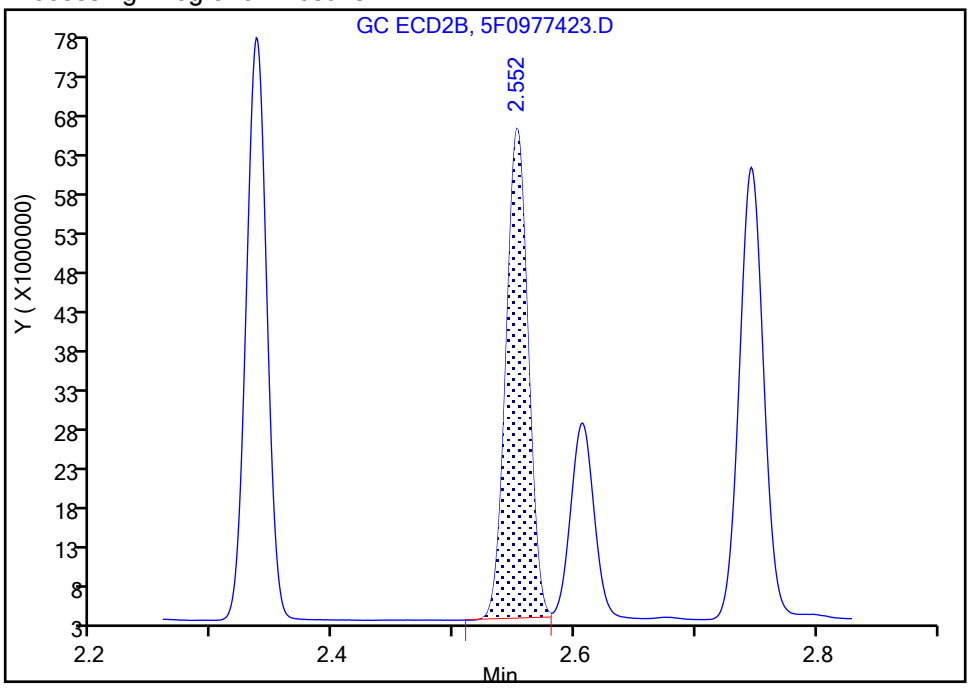
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D | | | | |
| Injection Date: | 21-Jan-2025 10:40:18 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | ICV PEST | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 9 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

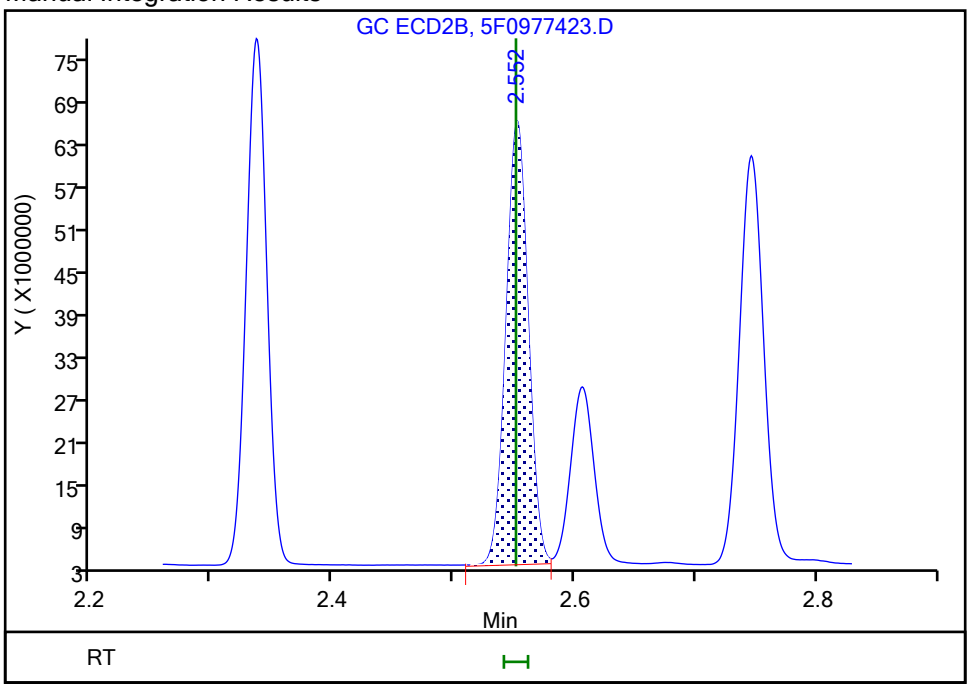
Processing Integration Results

RT: 2.55
Area: 78380372
Amount: 98.307536
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 79062835
Amount: 99.042058
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

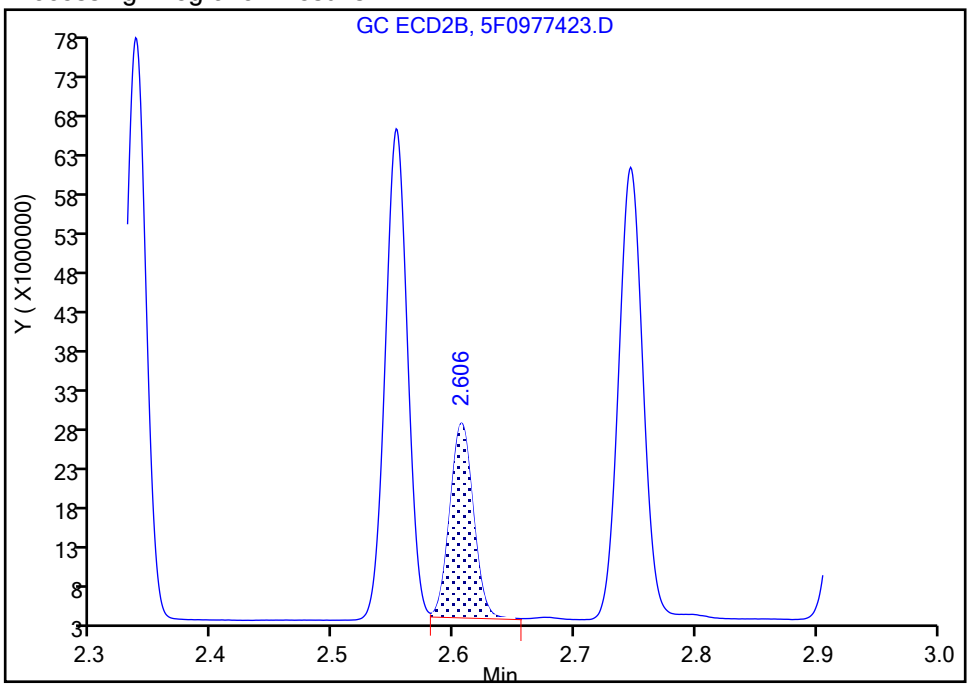
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186010.b\5F0977423.D
Injection Date: 21-Jan-2025 10:40:18 Instrument ID: CPESTGC5
Lims ID: ICV PEST
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

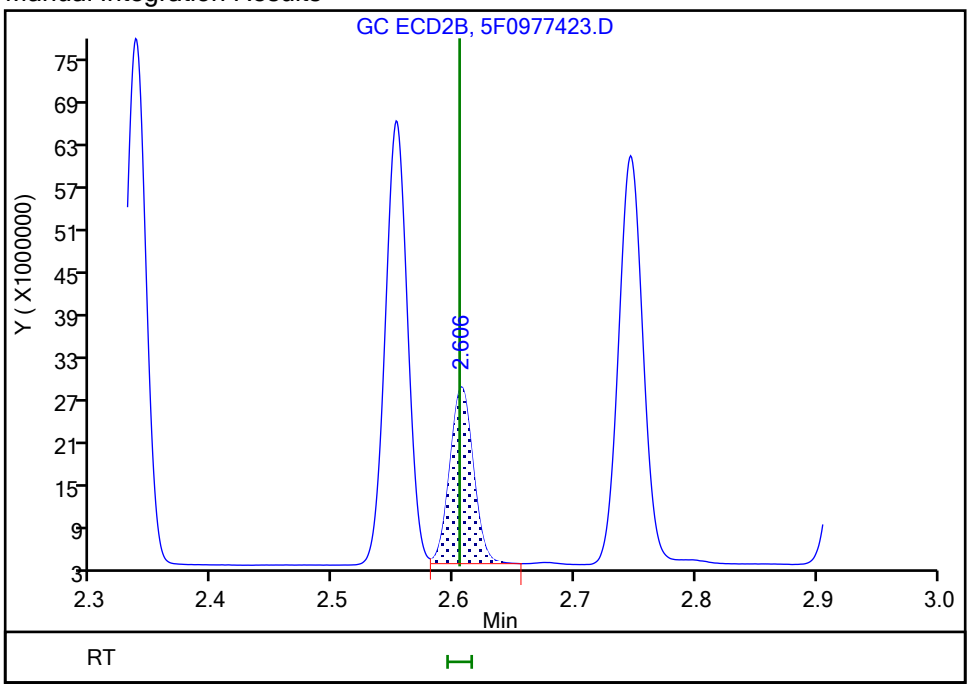
Processing Integration Results

RT: 2.61
Area: 33061312
Amount: 94.366560
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 34135475
Amount: 97.299220
Amount Units: ug/l




Reviewer: ESS0, 22-Jan-2025 02:48:52 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017421/7 Calibration Date: 01/21/2025 12:24

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977431.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0643 | 0.0573 | | 891 | 1000 | -10.9 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0643 | 0.0573 | | 891 | 1000 | -10.9 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0644 | 0.0575 | | 893 | 1000 | -10.7 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0644 | 0.0575 | | 893 | 1000 | -10.7 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.2206 | 0.1998 | | 906 | 1000 | -9.4 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.2206 | 0.1998 | | 906 | 1000 | -9.4 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2368 | 0.2213 | | 935 | 1000 | -6.5 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2368 | 0.2213 | | 935 | 1000 | -6.5 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.1611 | 0.1509 | | 937 | 1000 | -6.3 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.1611 | 0.1509 | | 937 | 1000 | -6.3 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0573 | | 912 | 1000 | -8.8 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017421/7 Calibration Date: 01/21/2025 12:24

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977431.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 3.02 | 3.01 | 3.03 |
| Chlordane (technical) Peak 1 | 3.02 | 3.01 | 3.03 |
| Chlordane (n.o.s.) Peak 2 | 3.71 | 3.70 | 3.72 |
| Chlordane (technical) Peak 2 | 3.71 | 3.70 | 3.72 |
| Chlordane (n.o.s.) Peak 3 | 4.44 | 4.43 | 4.45 |
| Chlordane (technical) Peak 3 | 4.44 | 4.43 | 4.45 |
| Chlordane (n.o.s.) Peak 4 | 4.55 | 4.54 | 4.56 |
| Chlordane (technical) Peak 4 | 4.55 | 4.54 | 4.56 |
| Chlordane (n.o.s.) Peak 5 | 4.63 | 4.62 | 4.64 |
| Chlordane (technical) Peak 5 | 4.63 | 4.62 | 4.64 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2025 12:24:22 ALS Bottle#: 17 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:46:02 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 31607752 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 52296866 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 18123651 | 1000.0 | 891.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 18172430 | 1000.0 | 893.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 63155048 | 1000.0 | 905.9 | M |
| 1 | 4.554 | 4.554 | 0.000 | 69952294 | 1000.0 | 934.6 | M |
| 1 | 4.628 | 4.628 | 0.000 | 47704074 | 1000.0 | 936.7 | M |
| | | Average of Peak Amounts = | | | | 912.4 | |
| 2 | 2.860 | 2.861 | -0.001 | 31828857 | 1000.0 | 918.0 | M |
| 2 | 3.317 | 3.316 | 0.001 | 38565010 | 1000.0 | 855.3 | M |
| 2 | 3.747 | 3.746 | 0.001 | 25394323 | 1000.0 | 937.4 | M |
| 2 | 3.949 | 3.948 | 0.001 | 134829935 | 1000.0 | 916.0 | M |
| 2 | 4.074 | 4.075 | -0.001 | 230862848 | 1000.0 | 903.0 | M |
| | | Average of Peak Amounts = | | | | 905.9 | |
| | | | | | | RPD = 0.71 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 18123651 | 1000.0 | 891.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 18172430 | 1000.0 | 893.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 63155048 | 1000.0 | 905.9 | M |
| 1 | 4.554 | 4.554 | 0.000 | 69952294 | 1000.0 | 934.6 | M |
| 1 | 4.628 | 4.628 | 0.000 | 47704074 | 1000.0 | 936.7 | M |
| | | Average of Peak Amounts = | | | | 912.4 | |
| 2 | 2.860 | 2.861 | -0.001 | 31828857 | 1000.0 | 918.0 | M |
| 2 | 3.317 | 3.316 | 0.001 | 38565010 | 1000.0 | 855.3 | M |
| 2 | 3.747 | 3.746 | 0.001 | 25394323 | 1000.0 | 937.4 | M |
| 2 | 3.949 | 3.948 | 0.001 | 134829935 | 1000.0 | 916.0 | M |
| 2 | 4.074 | 4.075 | -0.001 | 230862848 | 1000.0 | 903.0 | M |
| | | Average of Peak Amounts = | | | | 905.9 | |
| | | | | | | RPD = 0.71 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

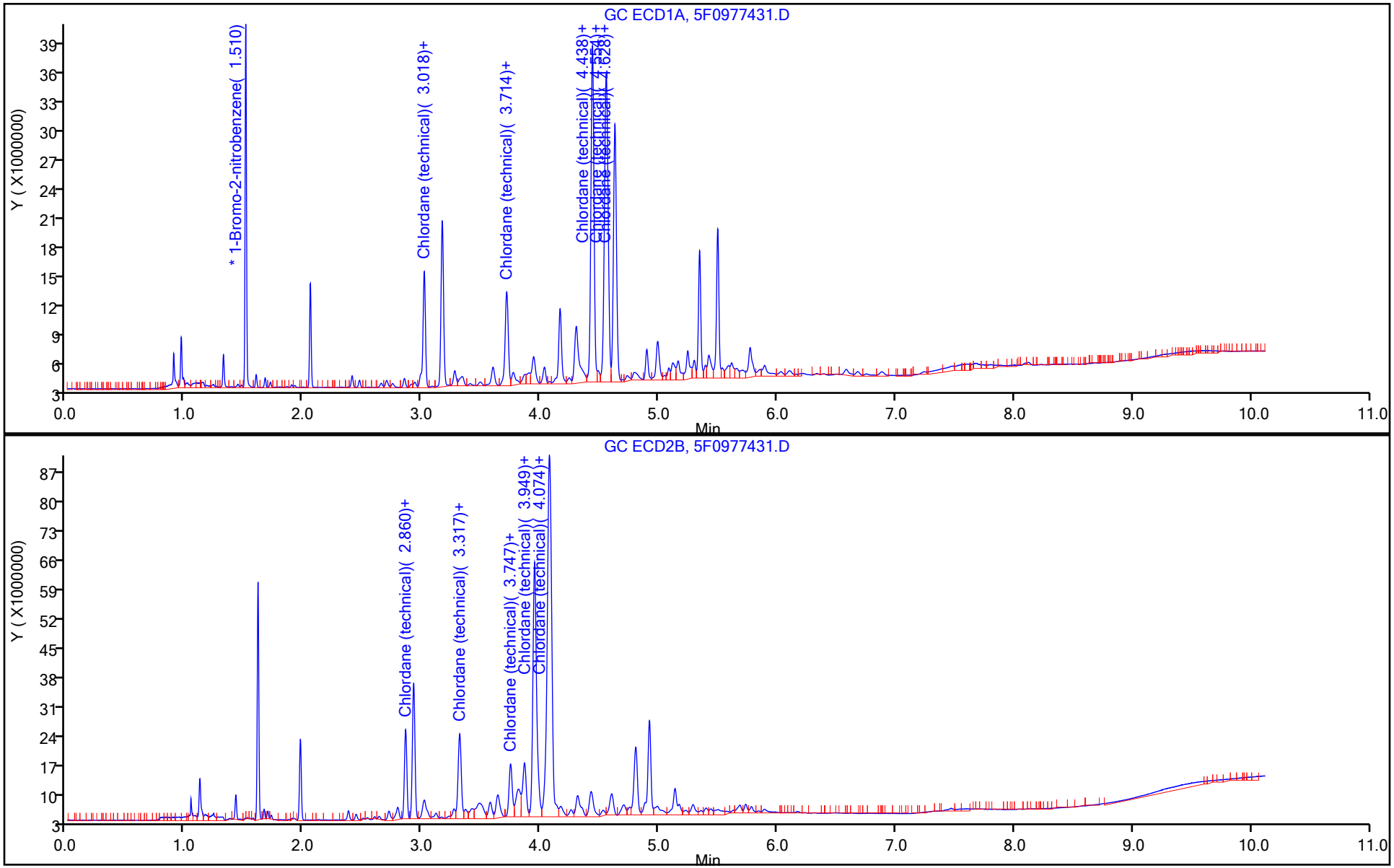
| | | | |
|---|---|---|---|
| SGCHLOR ICV_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:48:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:24:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICV CHLOR | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:48:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D

Injection Date: 21-Jan-2025 12:24:22 Instrument ID: CPESTGC5

Lims ID: ICV CHLOR

Client ID:

Operator ID: ALS Bottle#: 17 Worklist Smp#: 7

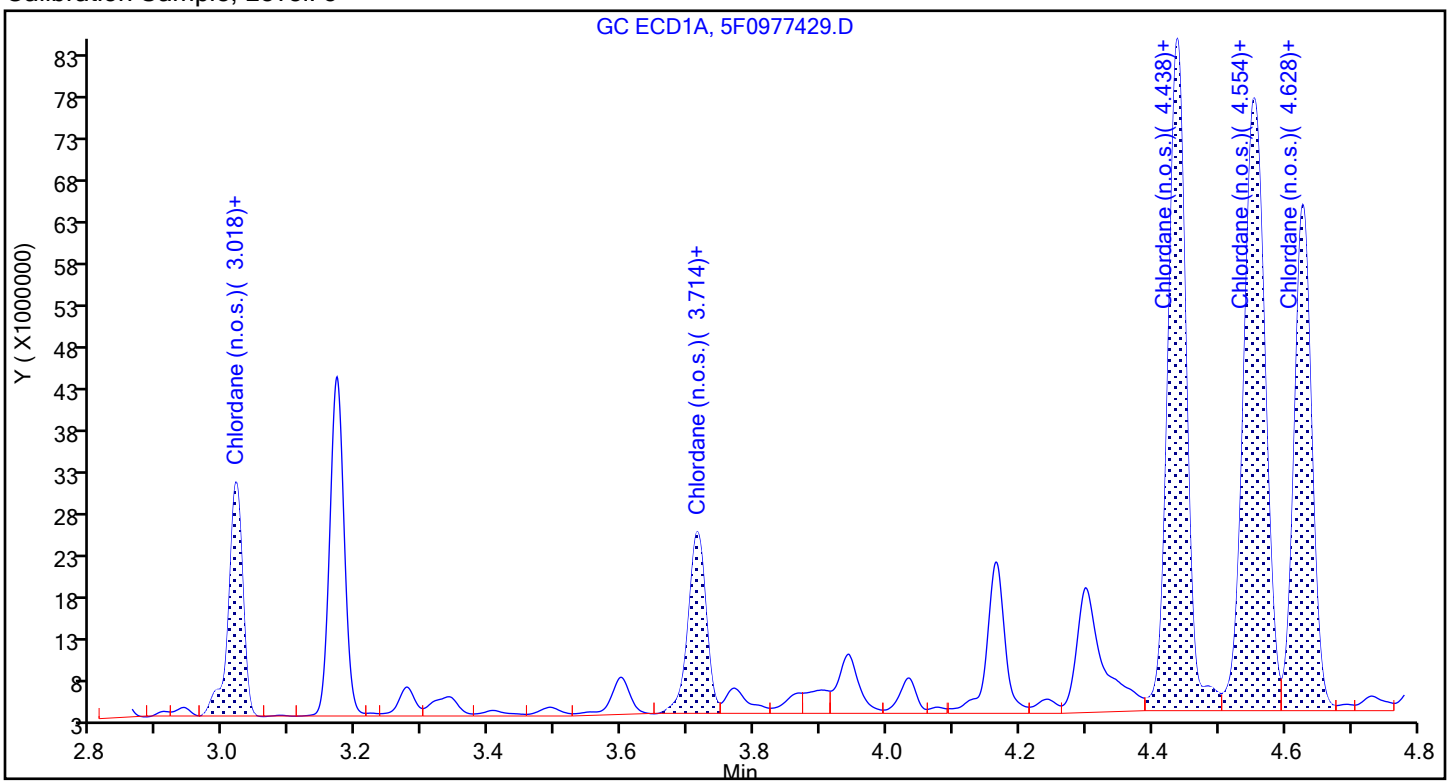
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

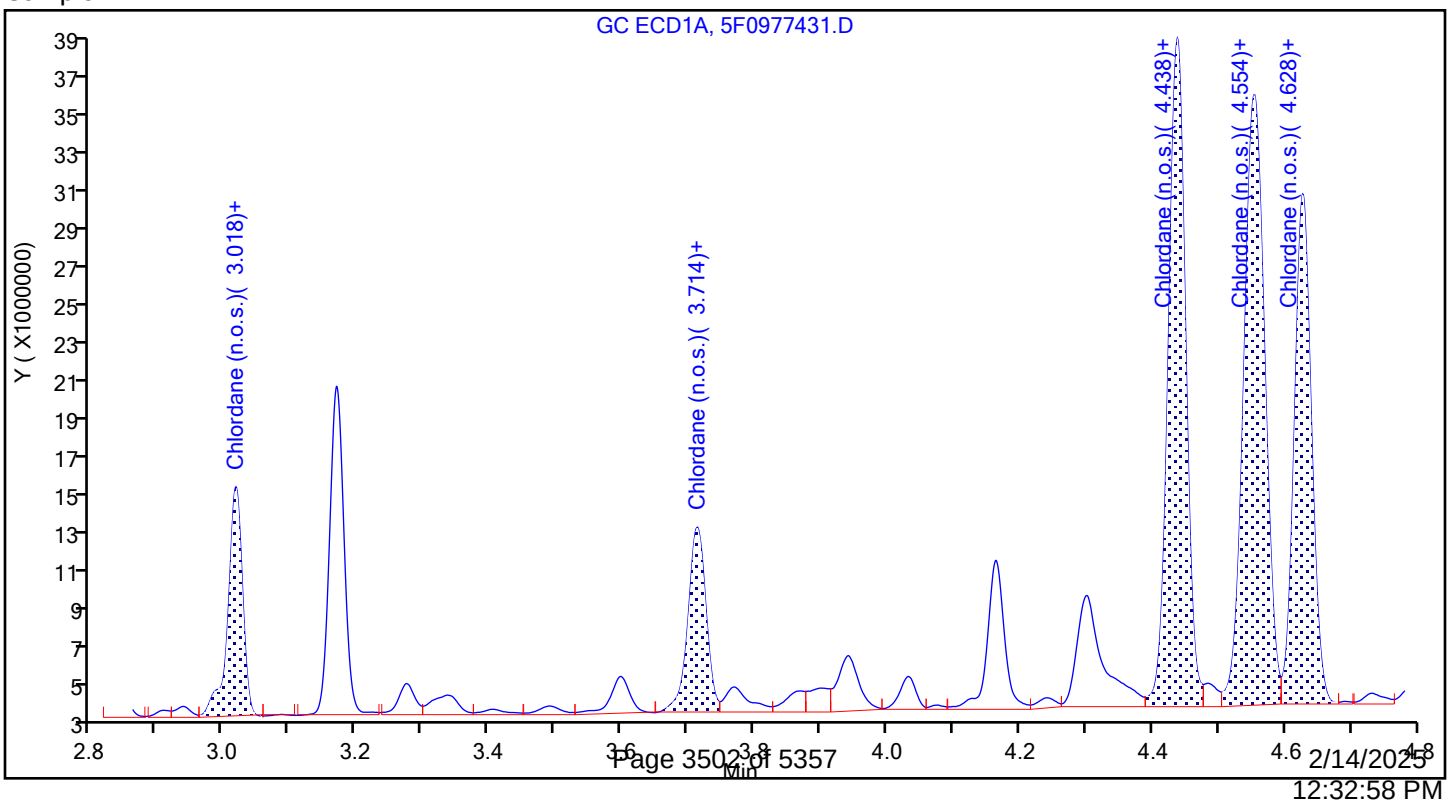
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample

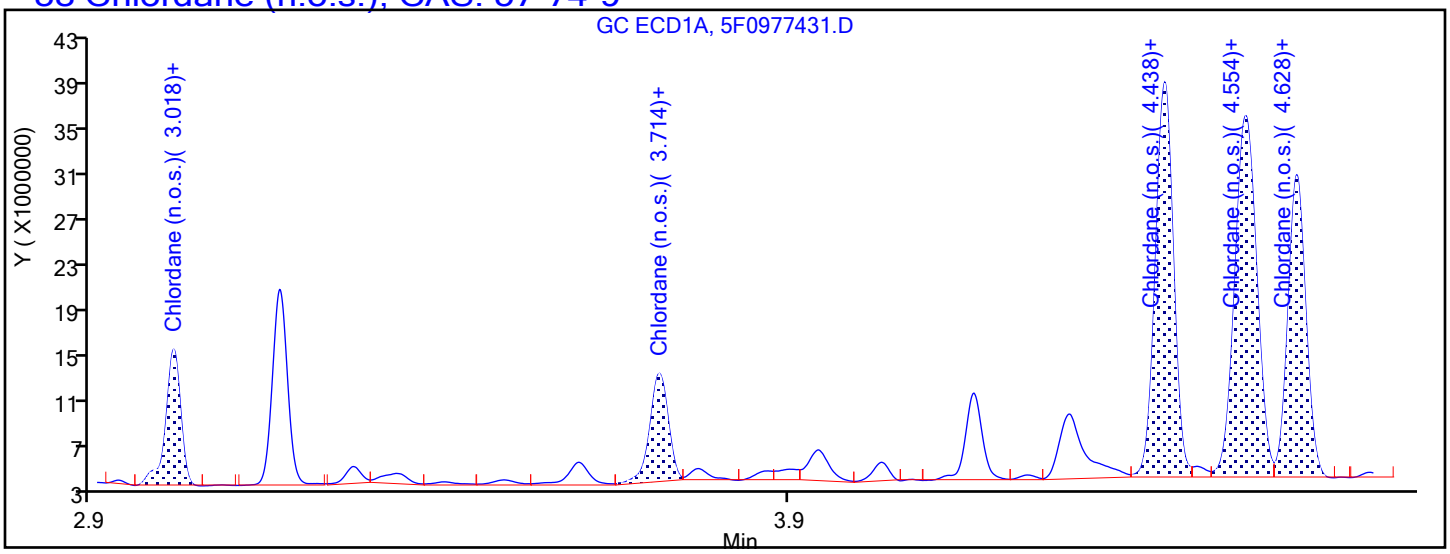


Report Date: 22-Jan-2025 03:48:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

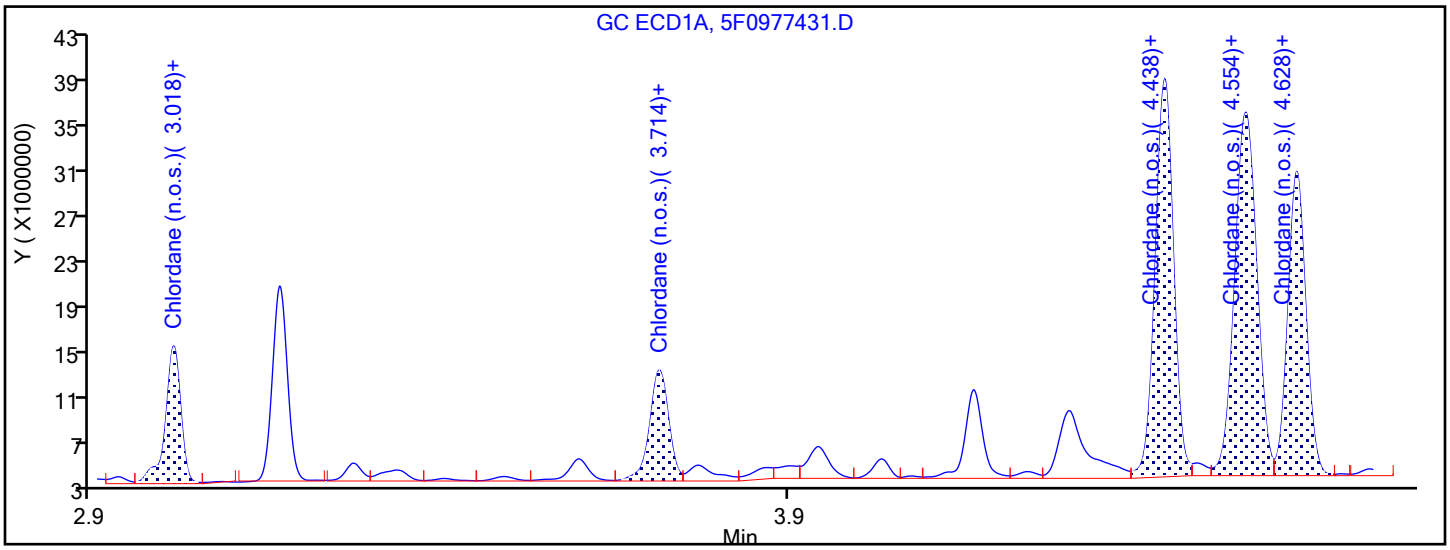
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D
Injection Date: 21-Jan-2025 12:24:22 Instrument ID: CPESTGC5
Lims ID: ICV CHLOR
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.018 | Response = 18006782 |
| 3.714 | Response = 17319424 |
| 4.438 | Response = 61881902 |
| 4.554 | Response = 68640804 |
| 4.628 | Response = 46789523 |




Manual Integration Results

| | | |
|---|---|---|
| 3.018 | Response = 18123651 | M |
| 3.714 | Response = 18172430 | M |
| 4.438 | Response = 63155048 | M |
| 4.554 | Response = 69952294 | M |
| 4.628 | Response = 47704074 | M |

Reviewer: ESS0, 22-Jan-2025 03:04:33 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017421/7 Calibration Date: 01/21/2025 12:24

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977431.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0663 | 0.0609 | | 918 | 1000 | -8.2 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0663 | 0.0609 | | 918 | 1000 | -8.2 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0862 | 0.0737 | | 855 | 1000 | -14.5 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0862 | 0.0737 | | 855 | 1000 | -14.5 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.0518 | 0.0486 | | 937 | 1000 | -6.3 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.0518 | 0.0486 | | 937 | 1000 | -6.3 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2815 | 0.2578 | | 916 | 1000 | -8.4 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2815 | 0.2578 | | 916 | 1000 | -8.4 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.4889 | 0.4414 | | 903 | 1000 | -9.7 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.4889 | 0.4414 | | 903 | 1000 | -9.7 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0609 | | 906 | 1000 | -9.4 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1017421/7  Calibration Date: 01/21/2025 12:24

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 11:06

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977431.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.86 | 2.85 | 2.87 |
| Chlordane (technical) Peak 1 | 2.86 | 2.85 | 2.87 |
| Chlordane (n.o.s.) Peak 2 | 3.32 | 3.31 | 3.33 |
| Chlordane (technical) Peak 2 | 3.32 | 3.31 | 3.33 |
| Chlordane (n.o.s.) Peak 3 | 3.75 | 3.74 | 3.76 |
| Chlordane (technical) Peak 3 | 3.75 | 3.74 | 3.76 |
| Chlordane (n.o.s.) Peak 4 | 3.95 | 3.94 | 3.96 |
| Chlordane (technical) Peak 4 | 3.95 | 3.94 | 3.96 |
| Chlordane (n.o.s.) Peak 5 | 4.07 | 4.07 | 4.09 |
| Chlordane (technical) Peak 5 | 4.07 | 4.07 | 4.09 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 21-Jan-2025 12:24:22 ALS Bottle#: 17 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186011-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 22-Jan-2025 03:46:02 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1705

First Level Reviewer: ESS0 Date: 22-Jan-2025 03:04:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 31607752 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.614 | -0.001 | 52296866 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 18123651 | 1000.0 | 891.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 18172430 | 1000.0 | 893.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 63155048 | 1000.0 | 905.9 | M |
| 1 | 4.554 | 4.554 | 0.000 | 69952294 | 1000.0 | 934.6 | M |
| 1 | 4.628 | 4.628 | 0.000 | 47704074 | 1000.0 | 936.7 | M |
| | | Average of Peak Amounts = | | | | 912.4 | |
| 2 | 2.860 | 2.861 | -0.001 | 31828857 | 1000.0 | 918.0 | M |
| 2 | 3.317 | 3.316 | 0.001 | 38565010 | 1000.0 | 855.3 | M |
| 2 | 3.747 | 3.746 | 0.001 | 25394323 | 1000.0 | 937.4 | M |
| 2 | 3.949 | 3.948 | 0.001 | 134829935 | 1000.0 | 916.0 | M |
| 2 | 4.074 | 4.075 | -0.001 | 230862848 | 1000.0 | 903.0 | M |
| | | Average of Peak Amounts = | | | | 905.9 | |
| | | | | | | RPD = 0.71 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.018 | 3.018 | 0.000 | 18123651 | 1000.0 | 891.2 | M |
| 1 | 3.714 | 3.714 | 0.000 | 18172430 | 1000.0 | 893.4 | M |
| 1 | 4.438 | 4.437 | 0.001 | 63155048 | 1000.0 | 905.9 | M |
| 1 | 4.554 | 4.554 | 0.000 | 69952294 | 1000.0 | 934.6 | M |
| 1 | 4.628 | 4.628 | 0.000 | 47704074 | 1000.0 | 936.7 | M |
| | | Average of Peak Amounts = | | | | 912.4 | |
| 2 | 2.860 | 2.861 | -0.001 | 31828857 | 1000.0 | 918.0 | M |
| 2 | 3.317 | 3.316 | 0.001 | 38565010 | 1000.0 | 855.3 | M |
| 2 | 3.747 | 3.746 | 0.001 | 25394323 | 1000.0 | 937.4 | M |
| 2 | 3.949 | 3.948 | 0.001 | 134829935 | 1000.0 | 916.0 | M |
| 2 | 4.074 | 4.075 | -0.001 | 230862848 | 1000.0 | 903.0 | M |
| | | Average of Peak Amounts = | | | | 905.9 | |
| | | | | | | RPD = 0.71 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

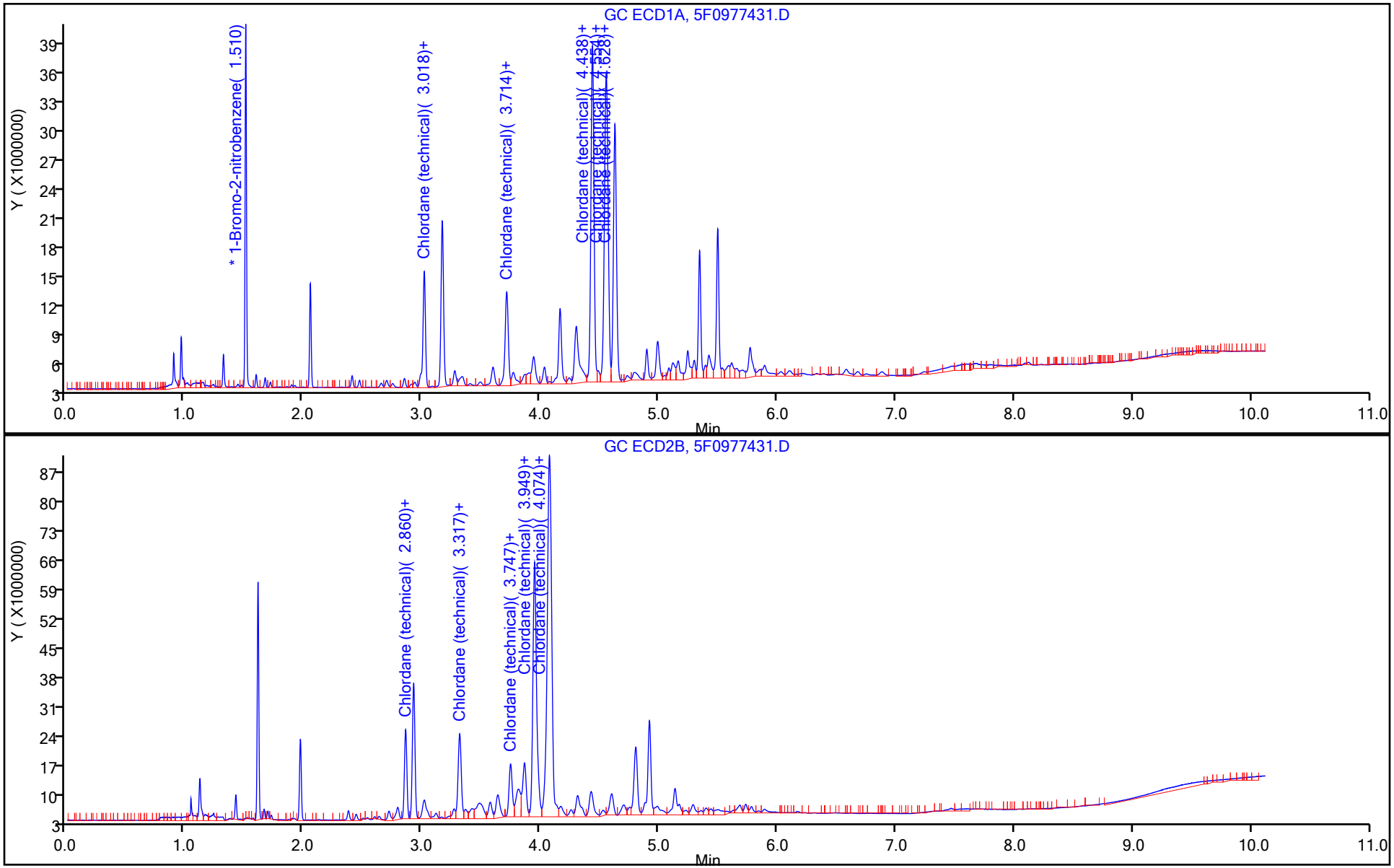
| | | | |
|---|---|---|---|
| SGCHLOR ICV_00012 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 22-Jan-2025 03:48:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:24:22 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | ICV CHLOR | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 22-Jan-2025 03:48:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

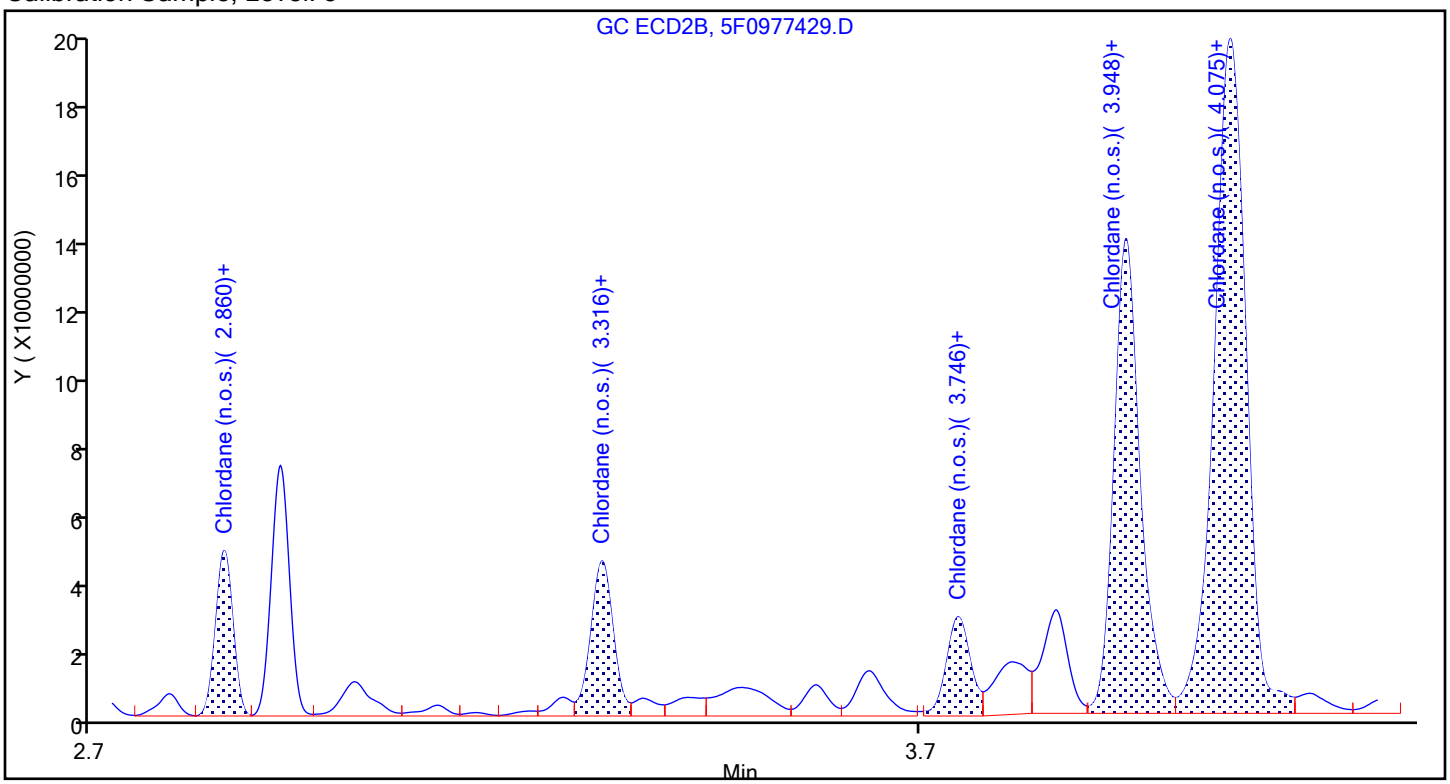
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D

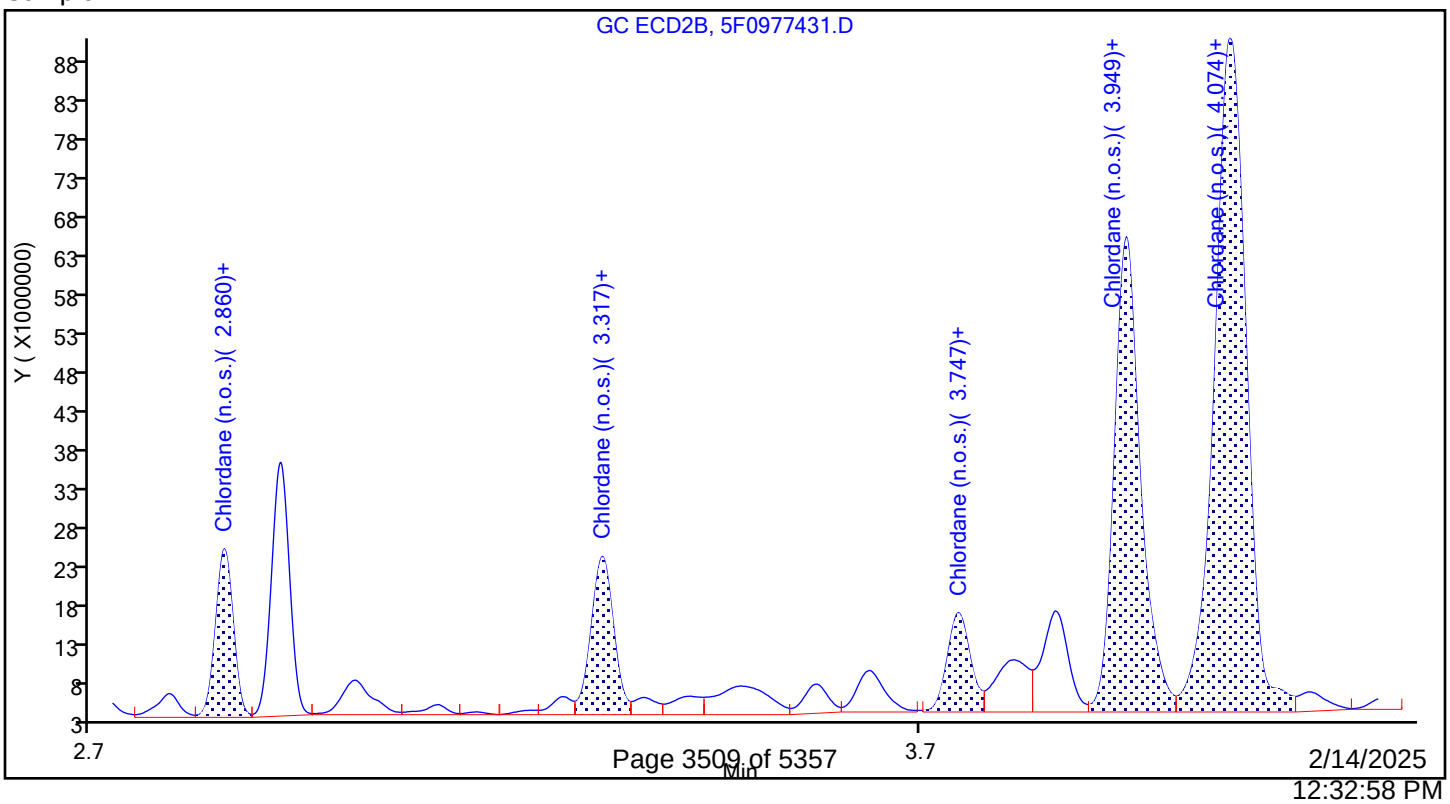
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 21-Jan-2025 12:24:22 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | ICV CHLOR | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 17 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample

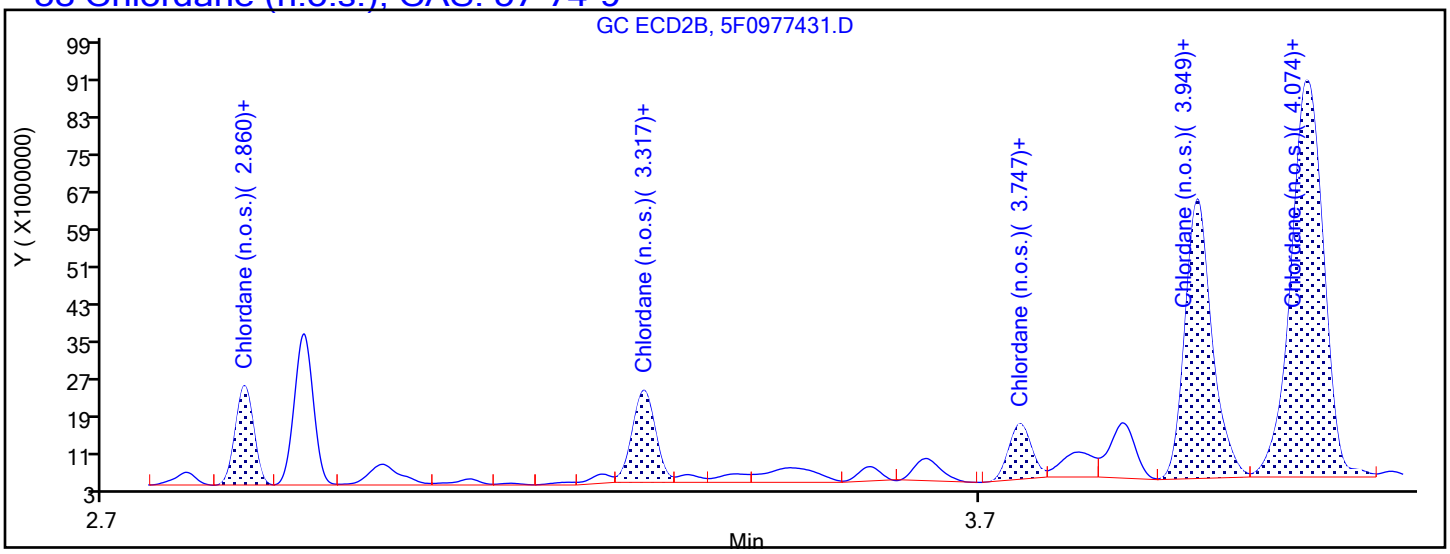


Report Date: 22-Jan-2025 03:48:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

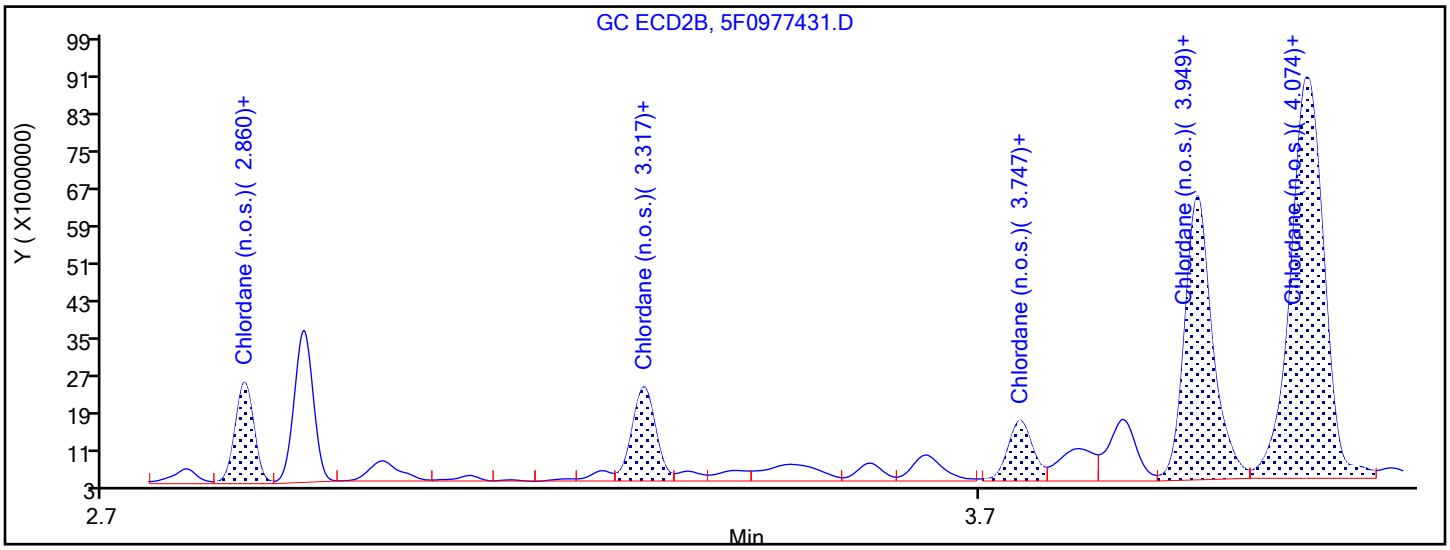
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186011.b\5F0977431.D
Injection Date: 21-Jan-2025 12:24:22 Instrument ID: CPESTGC5
Lims ID: ICV CHLOR
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.860 | Response = 31129624 |
| 3.317 | Response = 37255679 |
| 3.747 | Response = 22204087 |
| 3.949 | Response = 128205843 |
| 4.074 | Response = 221745510 |




Manual Integration Results

| | | |
|---|---|---|
| 2.860 | Response = 31828857 | M |
| 3.317 | Response = 38565010 | M |
| 3.747 | Response = 25394323 | M |
| 3.949 | Response = 134829935 | M |
| 4.074 | Response = 230862848 | M |

Reviewer: ESS0, 22-Jan-2025 03:04:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020038/3 Calibration Date: 02/07/2025 02:44

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 09:22

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977920.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.693 | 1.603 | | 94.7 | 100 | -5.3 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.564 | 1.485 | | 94.9 | 100 | -5.1 | 20.0 |
| beta-BHC | Ave | 0.6697 | 0.6466 | | 96.5 | 100 | -3.5 | 20.0 |
| delta-BHC | Ave | 1.598 | 1.427 | | 89.3 | 100 | -10.7 | 20.0 |
| Heptachlor | Ave | 1.575 | 1.486 | | 94.4 | 100 | -5.6 | 20.0 |
| Aldrin | Ave | 1.546 | 1.465 | | 94.7 | 100 | -5.3 | 20.0 |
| Heptachlor epoxide | Ave | 1.347 | 1.260 | | 93.5 | 100 | -6.5 | 20.0 |
| trans-Chlordane | Ave | 1.379 | 1.289 | | 93.5 | 100 | -6.5 | 20.0 |
| cis-Chlordane | Ave | 1.321 | 1.239 | | 93.8 | 100 | -6.2 | 20.0 |
| Endosulfan I | Ave | 1.271 | 1.240 | | 97.6 | 100 | -2.4 | 20.0 |
| 4,4'-DDE | Ave | 1.376 | 1.311 | | 95.3 | 100 | -4.7 | 20.0 |
| Dieldrin | Ave | 1.475 | 1.425 | | 96.6 | 100 | -3.4 | 20.0 |
| Endrin | Ave | 1.369 | 1.228 | | 89.7 | 100 | -10.3 | 20.0 |
| 4,4'-DDD | Ave | 1.345 | 1.152 | | 85.6 | 100 | -14.4 | 20.0 |
| Endosulfan II | Ave | 1.390 | 1.296 | | 93.3 | 100 | -6.7 | 20.0 |
| 4,4'-DDT | Ave | 1.088 | 0.9943 | | 91.4 | 100 | -8.6 | 20.0 |
| Endrin aldehyde | Ave | 1.115 | 0.9721 | | 87.2 | 100 | -12.8 | 20.0 |
| Endosulfan sulfate | Ave | 1.430 | 1.287 | | 89.9 | 100 | -10.1 | 20.0 |
| Methoxychlor | Ave | 0.5250 | 0.4848 | | 92.3 | 100 | -7.7 | 20.0 |
| Mirex | Ave | 1.138 | 1.082 | | 95.1 | 100 | -4.9 | 20.0 |
| Endrin ketone | Ave | 1.628 | 1.548 | | 95.1 | 100 | -4.9 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.070 | 0.9809 | | 91.7 | 100 | -8.3 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.627 | 1.418 | | 87.1 | 100 | -12.9 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020038/3  Calibration Date: 02/07/2025 02:44

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977920.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.44 | 2.43 | 2.45 |
| gamma-BHC (Lindane) | 2.74 | 2.73 | 2.75 |
| beta-BHC | 2.79 | 2.78 | 2.80 |
| delta-BHC | 3.09 | 3.08 | 3.10 |
| Heptachlor | 3.16 | 3.15 | 3.17 |
| Aldrin | 3.53 | 3.52 | 3.54 |
| Heptachlor epoxide | 4.20 | 4.19 | 4.21 |
| trans-Chlordane | 4.43 | 4.42 | 4.44 |
| cis-Chlordane | 4.62 | 4.61 | 4.63 |
| Endosulfan I | 4.69 | 4.68 | 4.70 |
| 4,4'-DDE | 4.82 | 4.81 | 4.83 |
| Dieldrin | 4.98 | 4.97 | 4.99 |
| Endrin | 5.27 | 5.26 | 5.28 |
| 4,4'-DDD | 5.38 | 5.37 | 5.39 |
| Endosulfan II | 5.45 | 5.44 | 5.46 |
| 4,4'-DDT | 5.66 | 5.65 | 5.67 |
| Endrin aldehyde | 5.75 | 5.74 | 5.76 |
| Endosulfan sulfate | 6.02 | 6.01 | 6.03 |
| Methoxychlor | 6.46 | 6.45 | 6.47 |
| Mirex | 6.57 | 6.56 | 6.58 |
| Endrin ketone | 6.67 | 6.66 | 6.68 |
| Tetrachloro-m-xylene | 2.02 | 2.01 | 2.03 |
| DCB Decachlorobiphenyl | 8.09 | 8.08 | 8.10 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 02:44:38 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:34 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:20:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 36593783 | 100.0 | 100.0 | |
| 2 | 1.611 | 1.611 | 0.000 | 66522478 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.016 | 2.016 | 0.000 | 35895852 | 100.0 | 91.7 | |
| 2 | 1.996 | 1.996 | 0.000 | 77113659 | 100.0 | 95.5 | |
| | | | | | | RPD = 4.07 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.441 | 2.441 | 0.000 | 58668908 | 100.0 | 94.7 | |
| 2 | 2.331 | 2.331 | 0.000 | 124100404 | 100.0 | 102.5 | |
| | | | | | | RPD = 7.92 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.735 | 2.735 | 0.000 | 54328528 | 100.0 | 94.9 | M |
| 2 | 2.546 | 2.546 | 0.000 | 114079506 | 100.0 | 102.1 | M |
| | | | | | | RPD = 7.30 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.794 | 2.794 | 0.000 | 23660993 | 100.0 | 96.5 | M |
| 2 | 2.599 | 2.599 | 0.000 | 49007804 | 100.0 | 99.8 | M |
| | | | | | | RPD = 3.32 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.089 | 3.089 | 0.000 | 52210055 | 100.0 | 89.3 | M |
| 2 | 2.739 | 2.739 | 0.000 | 112855640 | 100.0 | 100.1 | |
| | | | | | | RPD = 11.43 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.163 | 3.163 | 0.000 | 54391741 | 100.0 | 94.4 | M |
| 2 | 2.919 | 2.919 | 0.000 | 119370785 | 100.0 | 101.2 | |
| | | | | | | RPD = 6.92 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.533 | 3.533 | 0.000 | 53591829 | 100.0 | 94.7 | |
| 2 | 3.186 | 3.186 | 0.000 | 120584426 | 100.0 | 103.1 | |
| | | | | | | RPD = 8.44 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.201 | 4.201 | 0.000 | 46091692 | 100.0 | 93.5 | |
| 2 | 3.804 | 3.804 | 0.000 | 106018758 | 100.0 | 100.4 | |
| | | | | | | RPD = 7.06 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.429 | 4.429 | 0.000 | 47156375 | 100.0 | 93.5 | |
| 2 | 3.936 | 3.936 | 0.000 | 109570982 | 100.0 | 101.9 | |
| | | | | | | RPD = 8.58 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.619 | 4.619 | 0.000 | 45336611 | 100.0 | 93.8 | M |
| 2 | 4.074 | 4.074 | 0.000 | 105131119 | 100.0 | 103.2 | |
| | | | | | | RPD = 9.57 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.691 | 4.691 | 0.000 | 45390966 | 100.0 | 97.6 | M |
| 2 | 4.221 | 4.221 | 0.000 | 102497671 | 100.0 | 108.0 | |
| | | | | | | RPD = 10.05 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.821 | 4.821 | 0.000 | 47968167 | 100.0 | 95.3 | |
| 2 | 4.156 | 4.156 | 0.000 | 106329574 | 100.0 | 106.7 | |
| | | | | | | RPD = 11.31 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.981 | 4.981 | 0.000 | 52138456 | 100.0 | 96.6 | |
| 2 | 4.492 | 4.492 | 0.000 | 112502704 | 100.0 | 104.7 | |
| | | | | | | RPD = 8.10 | |
| 20 Endrin | | | | | | | |
| 1 | 5.265 | 5.265 | 0.000 | 44929223 | 100.0 | 89.7 | |
| 2 | 4.756 | 4.756 | 0.000 | 100656590 | 100.0 | 102.4 | |
| | | | | | | RPD = 13.31 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.378 | 5.378 | 0.000 | 42157471 | 100.0 | 85.6 | M |
| 2 | 4.833 | 4.833 | 0.000 | 87151952 | 100.0 | 104.2 | |
| | | | | | | RPD = 19.58 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.452 | 5.452 | 0.000 | 47433968 | 100.0 | 93.3 | M |
| 2 | 4.970 | 4.970 | 0.000 | 89270339 | 100.0 | 107.0 | |
| | | | | | | RPD = 13.76 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.657 | 5.657 | 0.000 | 36385598 | 100.0 | 91.4 | |
| 2 | 5.095 | 5.095 | 0.000 | 87258436 | 100.0 | 103.2 | |
| | | | | | | RPD = 12.14 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.751 | 5.751 | 0.000 | 35572210 | 100.0 | 87.2 | |
| 2 | 5.331 | 5.331 | 0.000 | 69395144 | 100.0 | 97.4 | |
| | | | | | | RPD = 11.08 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.016 | 6.016 | 0.000 | 47080864 | 100.0 | 89.9 | |
| 2 | 5.689 | 5.689 | 0.000 | 88094961 | 100.0 | 96.2 | |
| | | | | | | RPD = 6.75 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.457 | 6.457 | 0.000 | 17741695 | 100.0 | 92.3 | |
| 2 | 5.526 | 5.526 | 0.000 | 44962898 | 100.0 | 101.3 | |
| | | | | | | RPD = 9.22 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.574 | 6.574 | 0.000 | 39593052 | 100.0 | 95.1 | M |
| 2 | 5.593 | 5.593 | 0.000 | 73077255 | 100.0 | 102.0 | |
| | | | | | | RPD = 6.98 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.666 | 6.666 | 0.000 | 56656795 | 100.0 | 95.1 | M |
| 2 | 5.916 | 5.916 | 0.000 | 103159840 | 100.0 | 101.5 | |
| | | | | | | RPD = 6.52 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 51891488 | 100.0 | 87.1 | |
| 2 | 7.308 | 7.308 | 0.000 | 92371365 | 100.0 | 94.3 | |
| | | | | | | RPD = 7.89 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

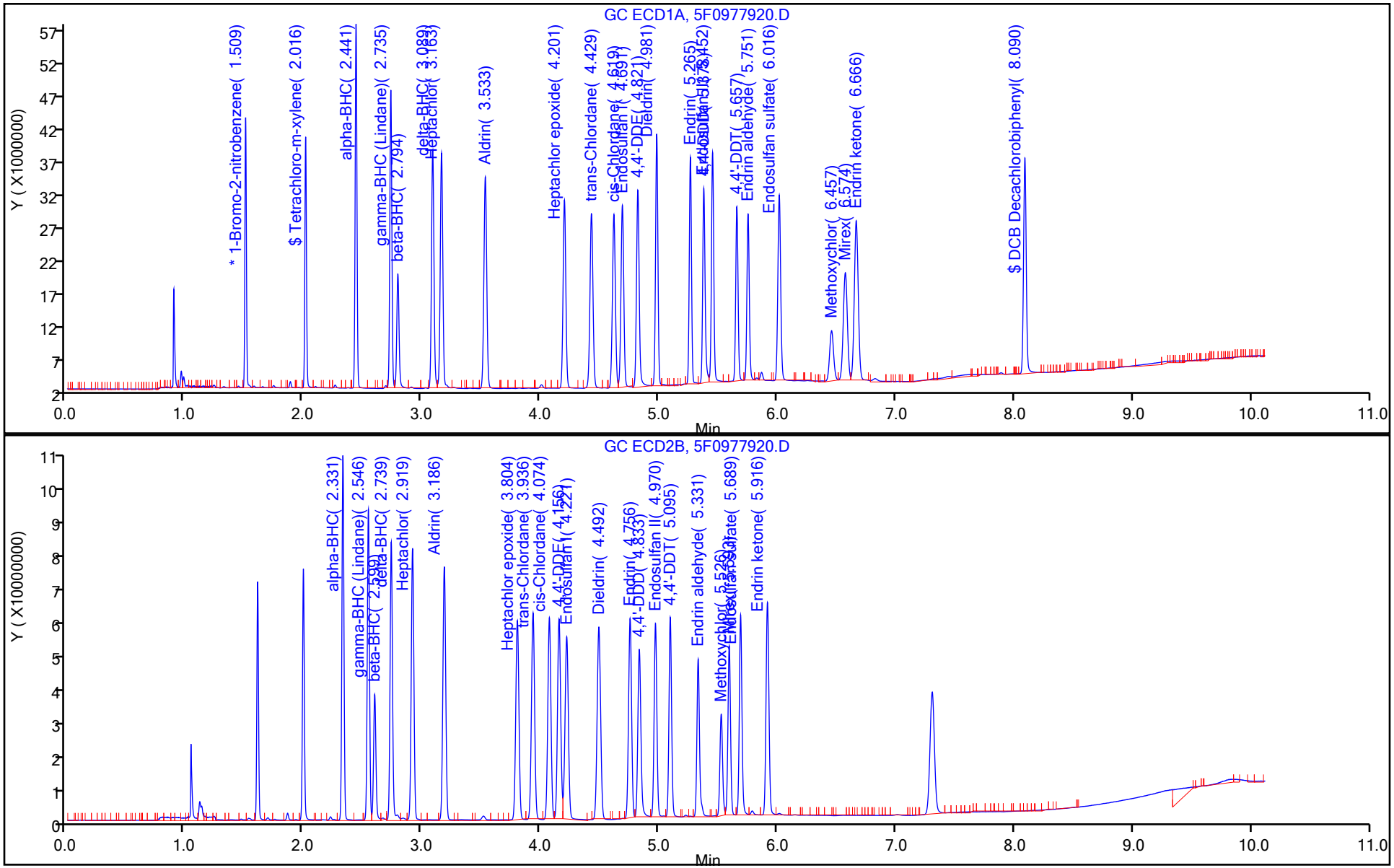
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:34 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:44:38 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

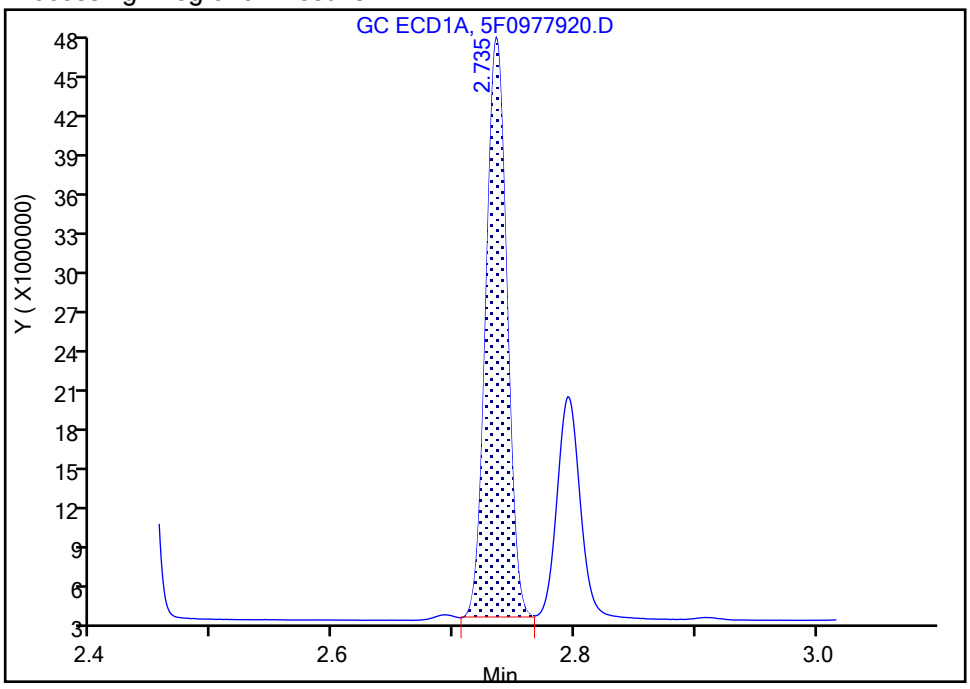
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

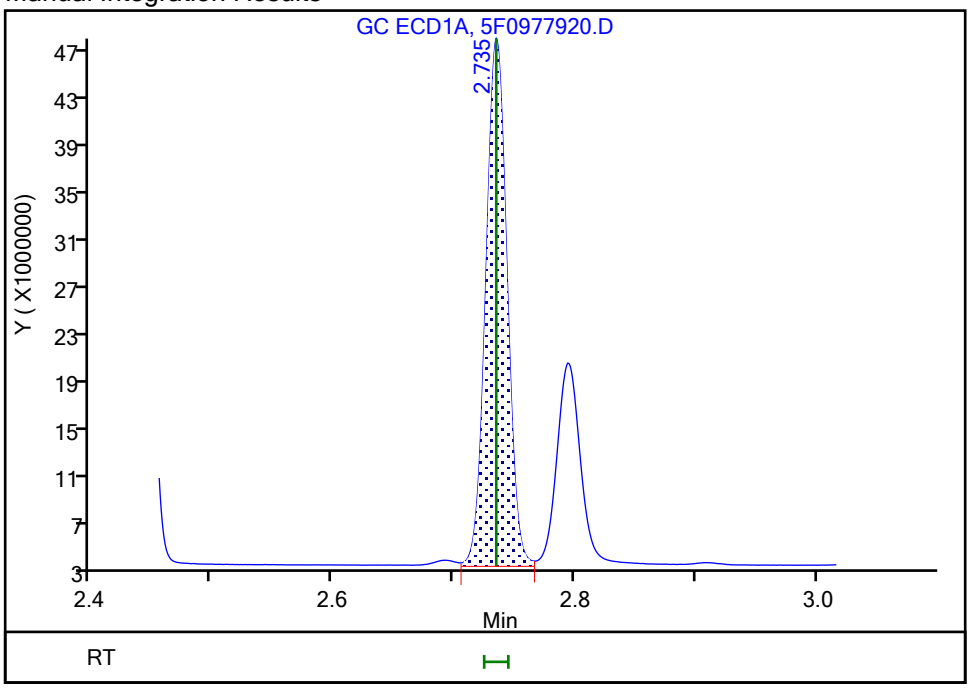
Processing Integration Results

RT: 2.73
Area: 53645690
Amount: 93.719313
Amount Units: ug/l




Manual Integration Results

RT: 2.73
Area: 54328528
Amount: 94.912234
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

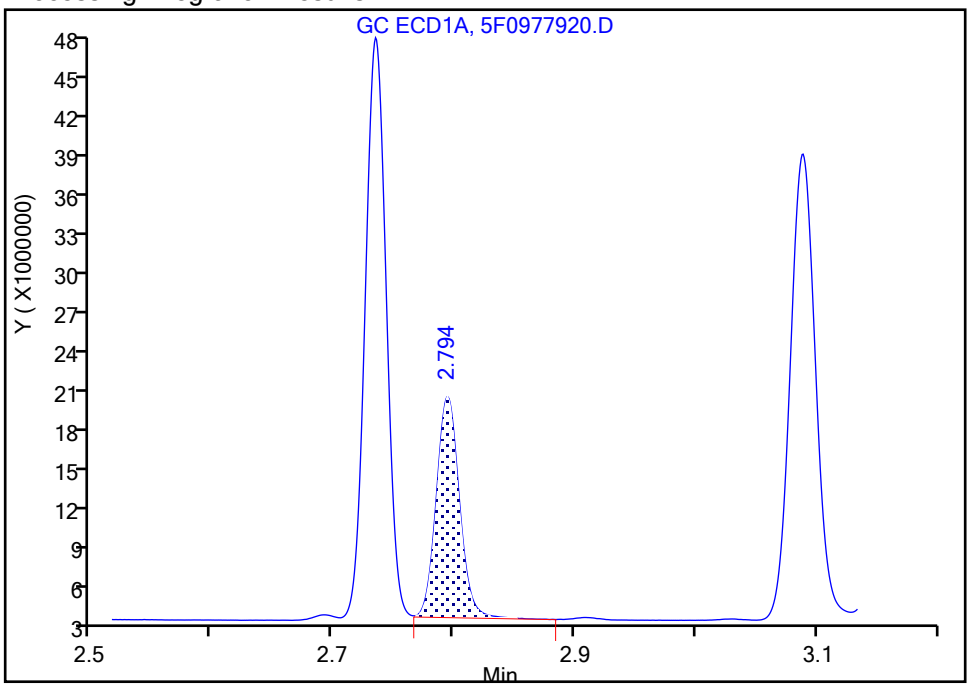
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

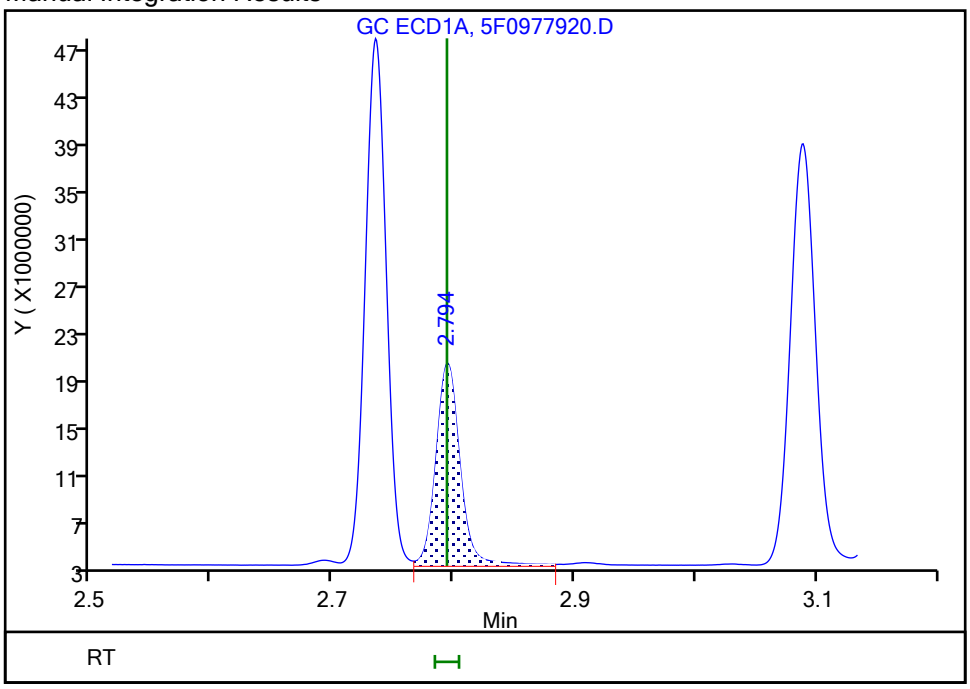
Processing Integration Results

RT: 2.79
Area: 22713521
Amount: 92.681693
Amount Units: ug/l




Manual Integration Results

RT: 2.79
Area: 23660993
Amount: 96.547818
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

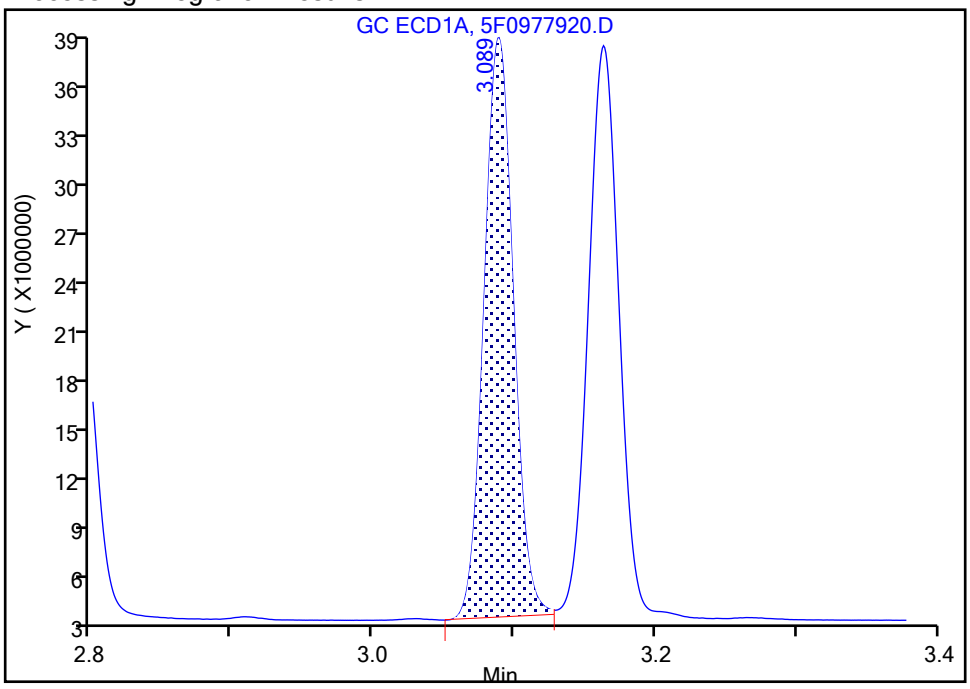
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

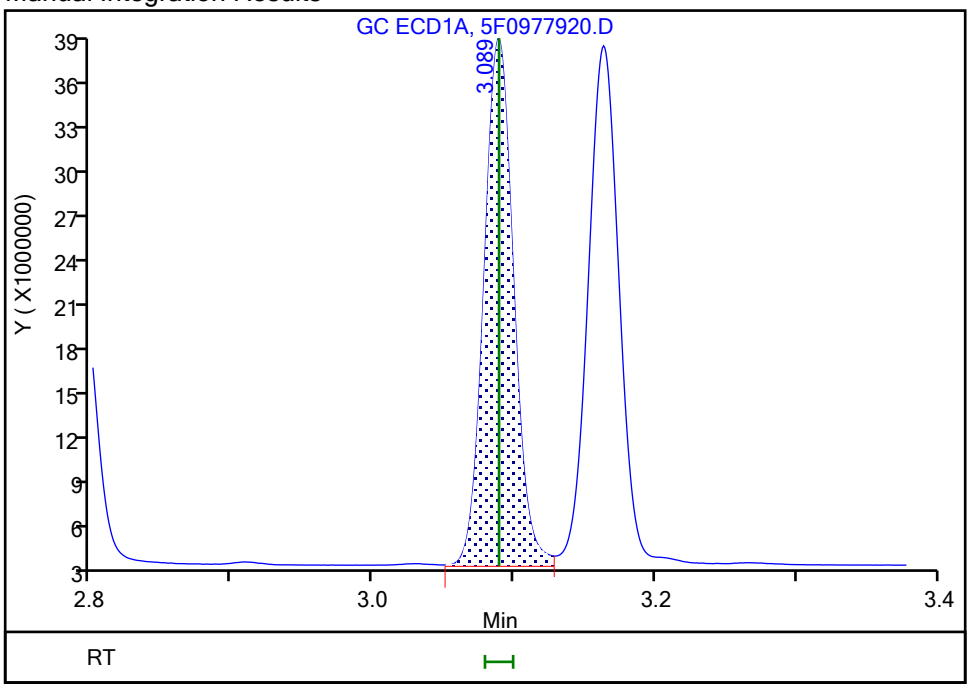
Processing Integration Results

RT: 3.09
Area: 51367763
Amount: 87.843243
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 52210055
Amount: 89.283634
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

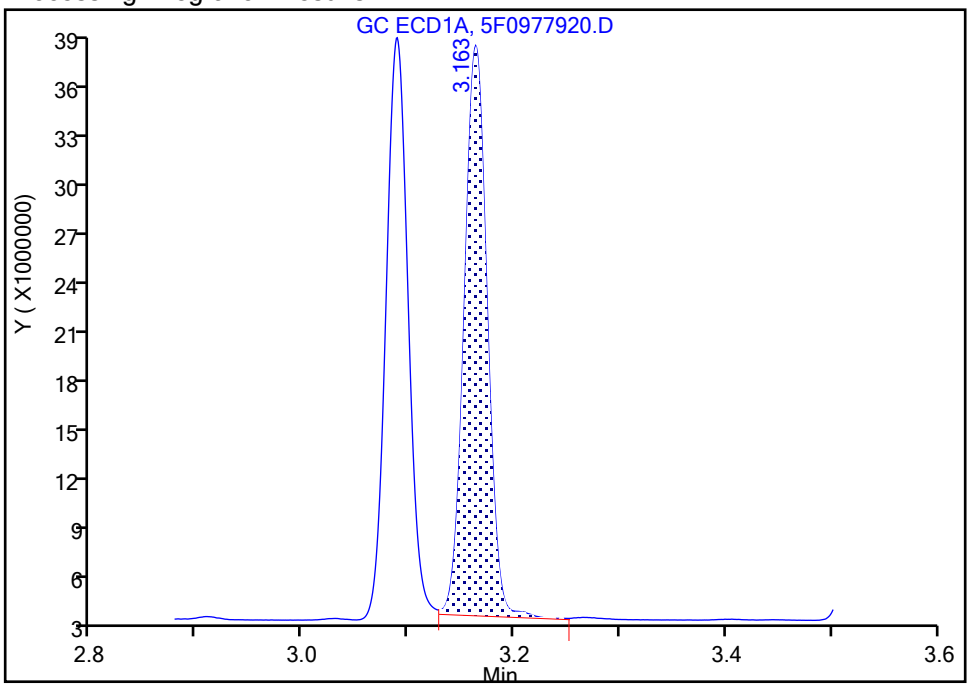
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

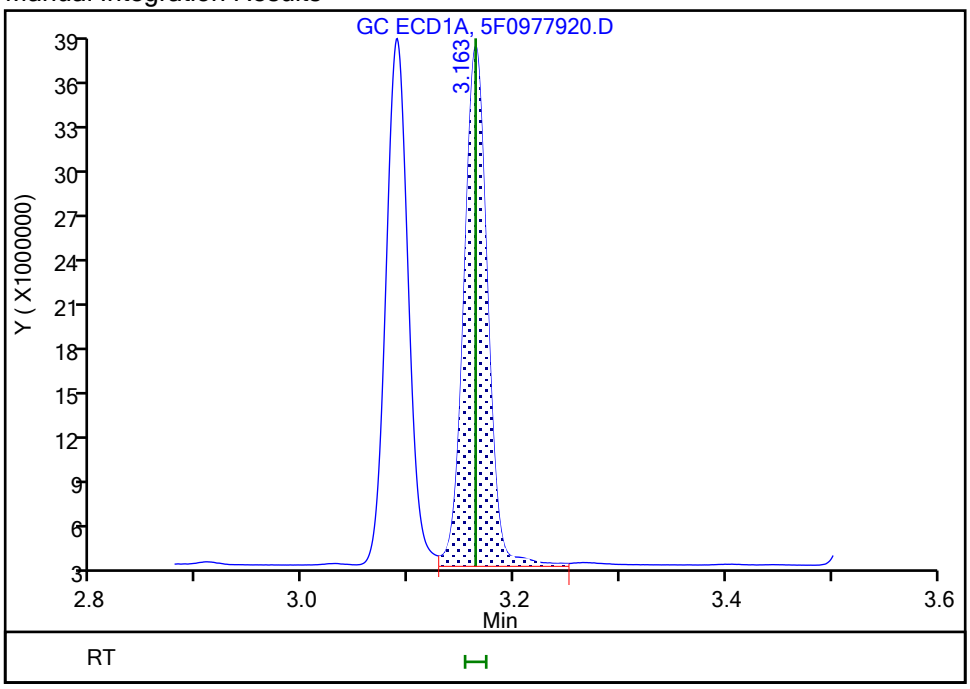
Processing Integration Results

RT: 3.16
Area: 52783755
Amount: 91.600701
Amount Units: ug/l




Manual Integration Results

RT: 3.16
Area: 54391741
Amount: 94.391193
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:11 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

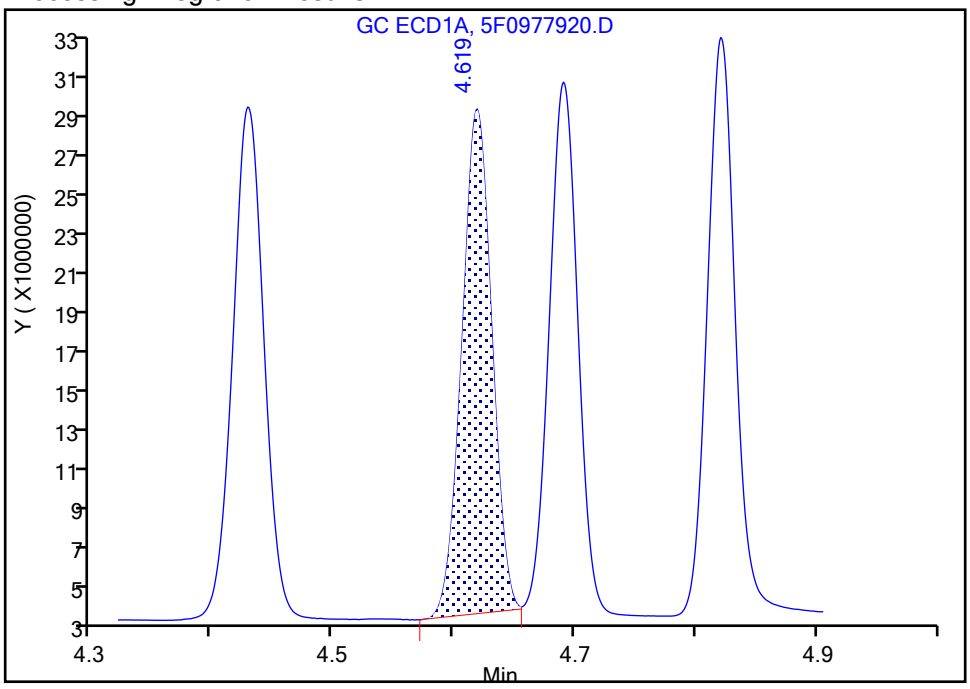
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 23 cis-Chlordane, CAS: 5103-71-9

Signal: 1

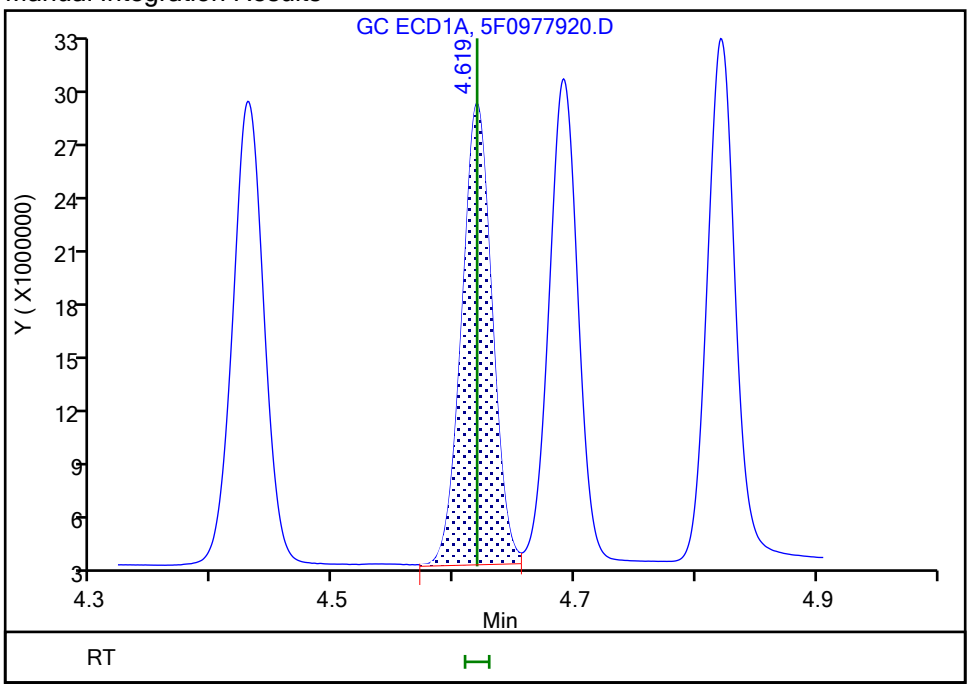
Processing Integration Results

RT: 4.62
Area: 44262547
Amount: 91.562836
Amount Units: ug/l




Manual Integration Results

RT: 4.62
Area: 45336611
Amount: 93.784677
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

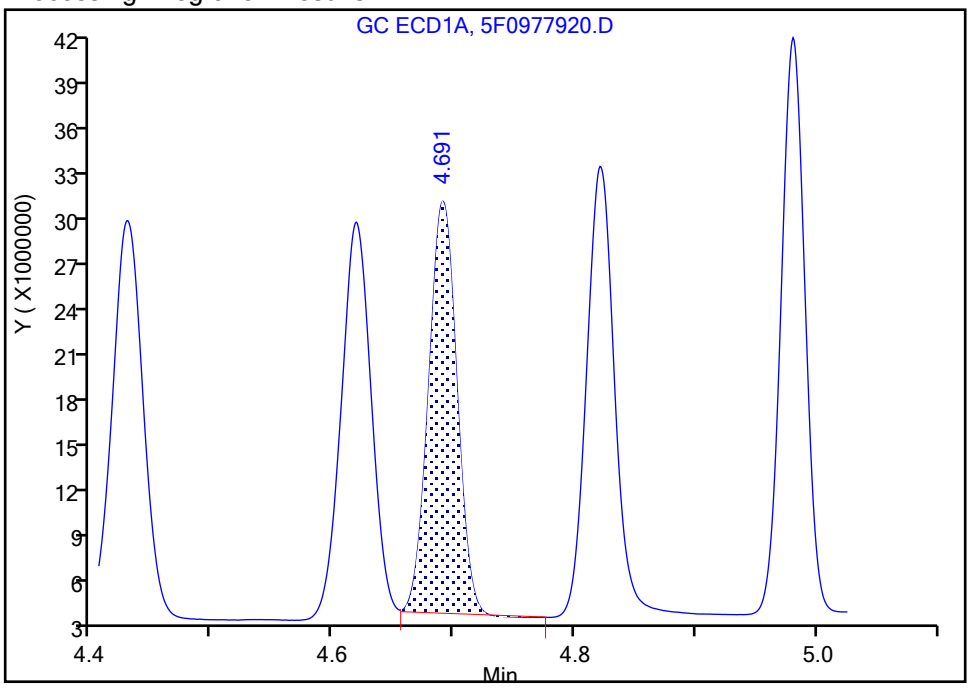
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

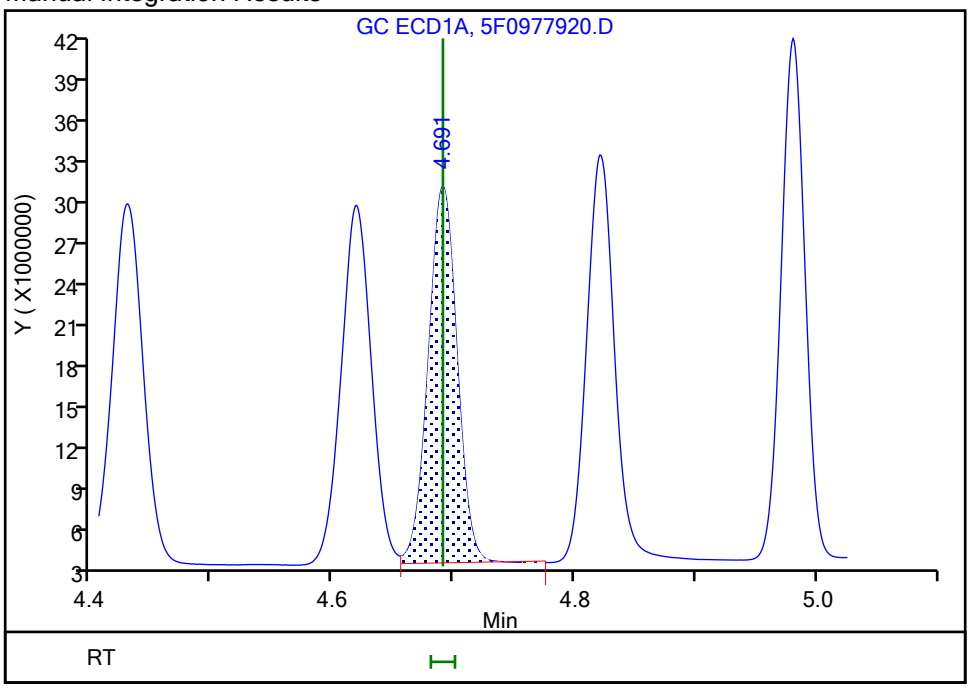
Processing Integration Results

RT: 4.69
Area: 44147505
Amount: 94.954778
Amount Units: ug/l




Manual Integration Results

RT: 4.69
Area: 45390966
Amount: 97.629280
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

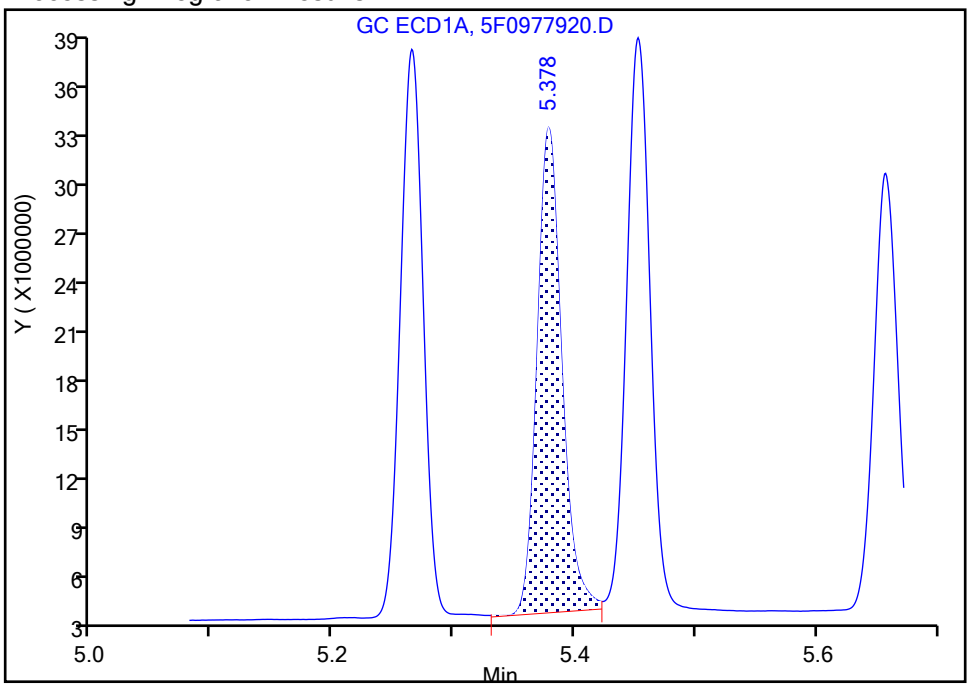
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

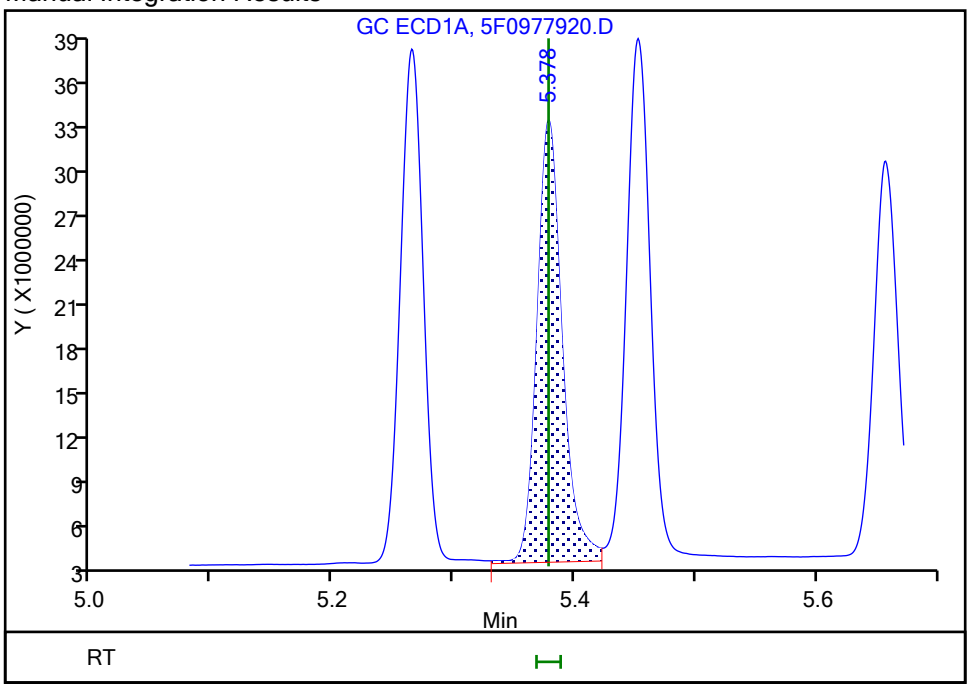
Processing Integration Results

RT: 5.38
Area: 41083057
Amount: 83.446913
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 42157471
Amount: 85.629236
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

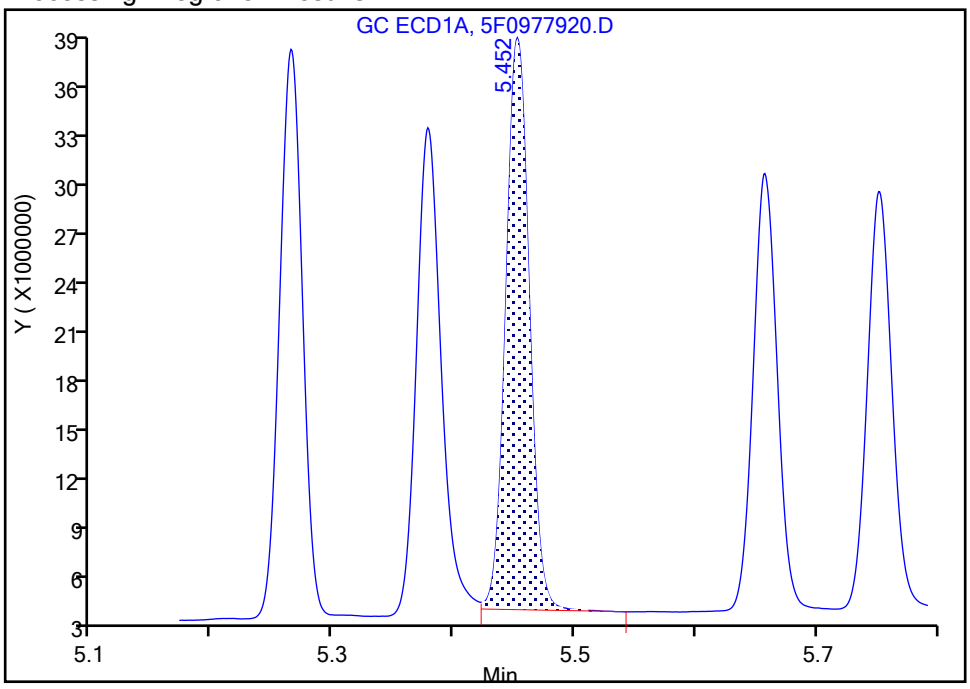
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

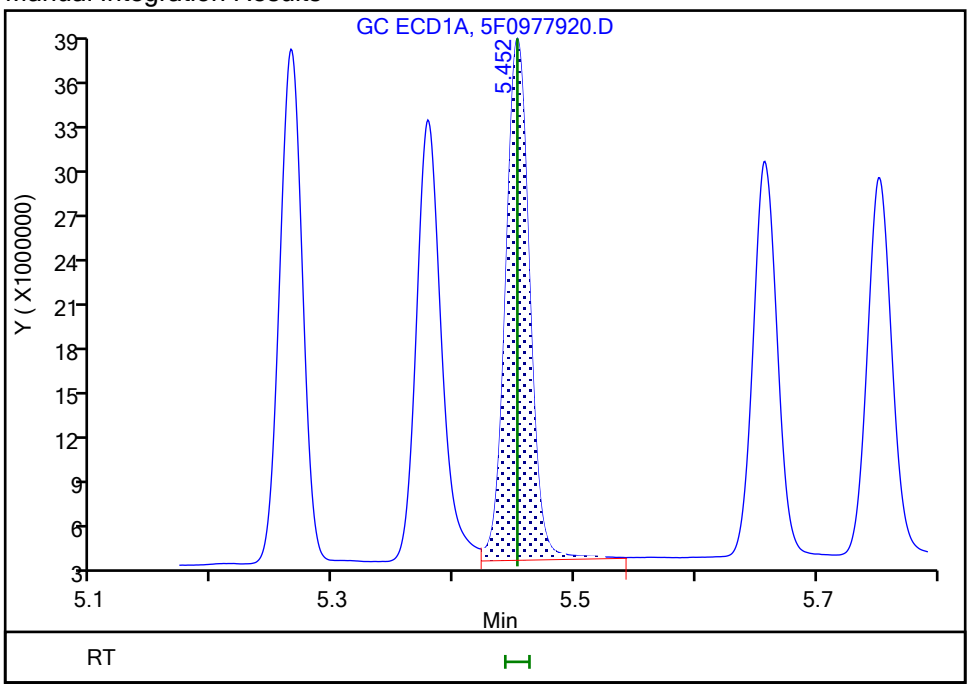
Processing Integration Results

RT: 5.45
Area: 46101143
Amount: 90.648457
Amount Units: ug/l




Manual Integration Results

RT: 5.45
Area: 47433968
Amount: 93.269184
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:15 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

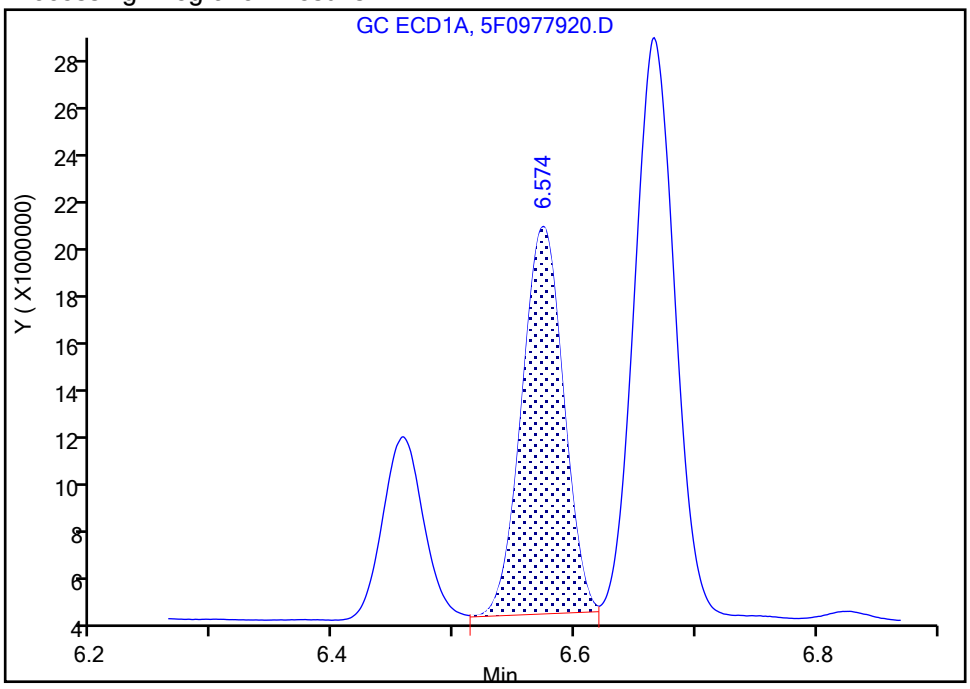
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 34 Mirex, CAS: 2385-85-5

Signal: 1

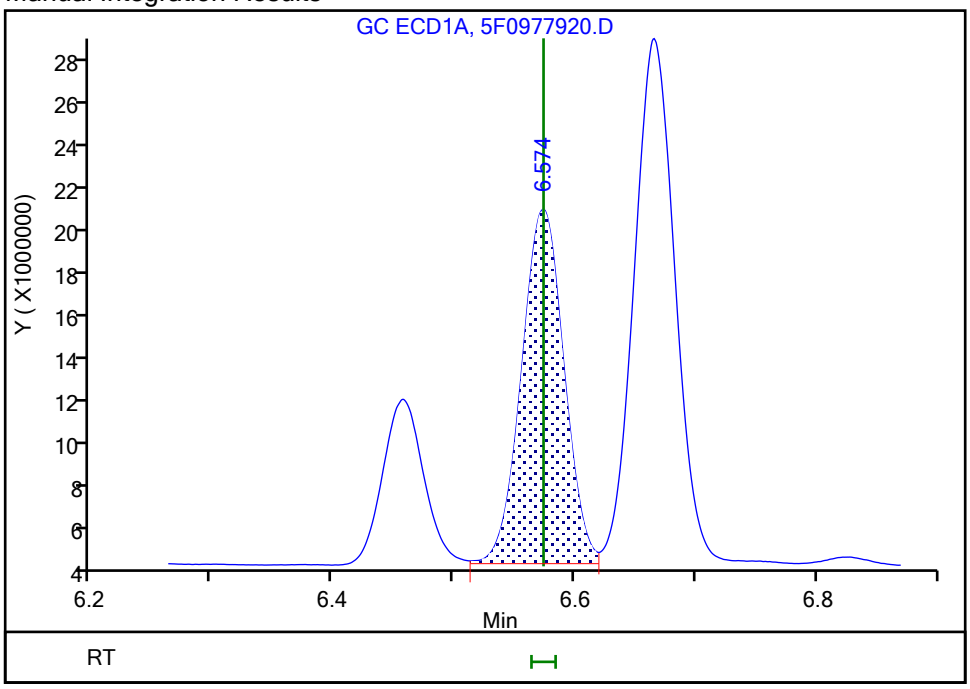
Processing Integration Results

RT: 6.57
Area: 38511743
Amount: 92.516878
Amount Units: ug/l




Manual Integration Results

RT: 6.57
Area: 39593052
Amount: 95.114510
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

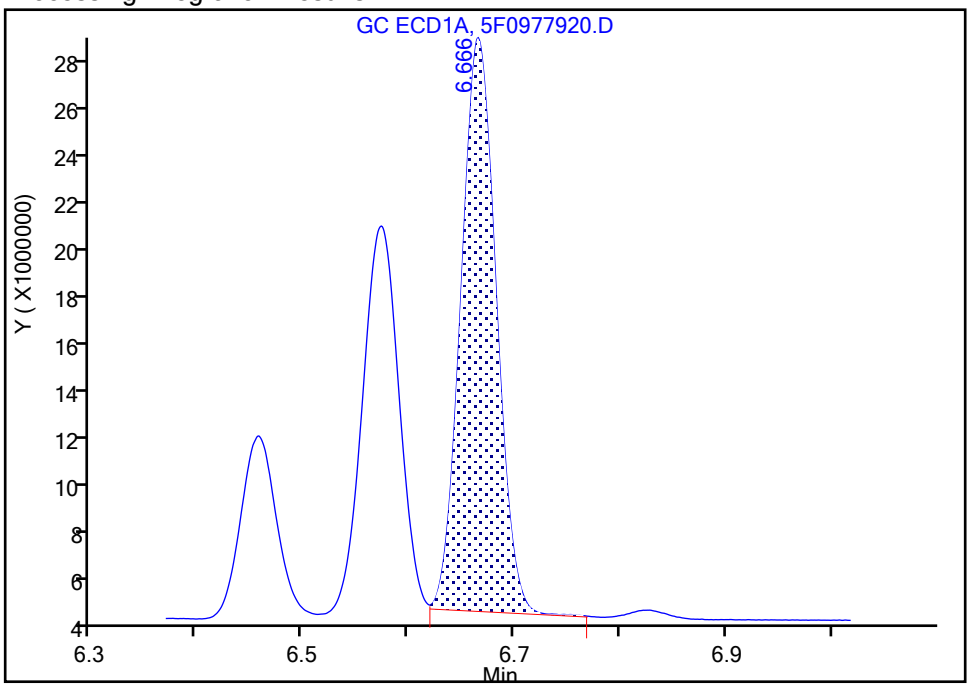
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

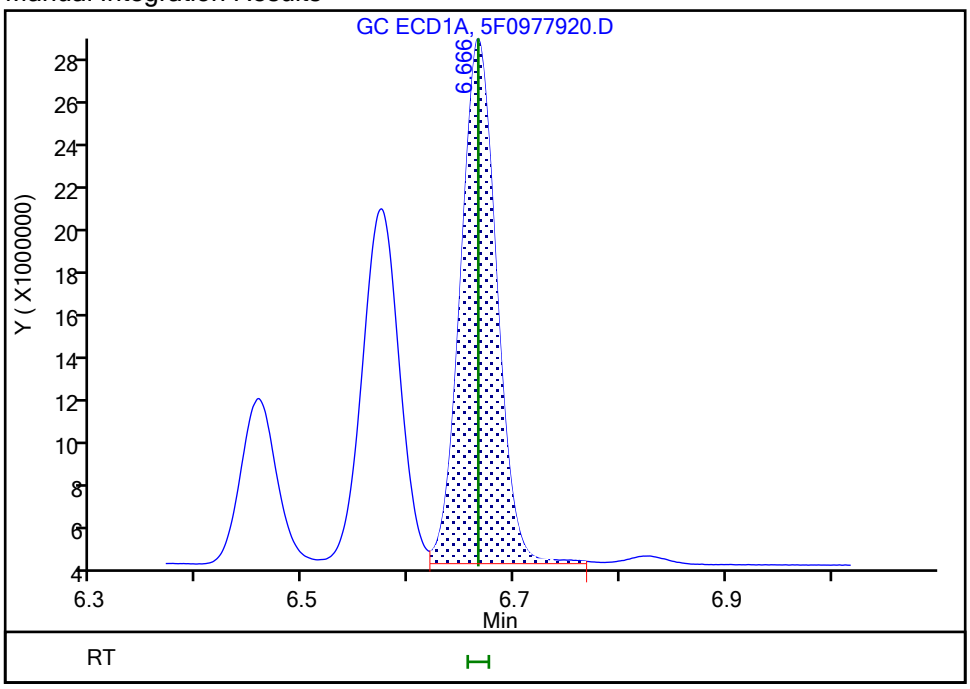
Processing Integration Results

RT: 6.67
Area: 54970382
Amount: 92.277819
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 56656795
Amount: 95.108771
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020038/3 Calibration Date: 02/07/2025 02:44

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 09:22

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977920.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| alpha-BHC | Ave | 1.820 | 1.866 | | 103 | 100 | 2.5 | 20.0 |
| gamma-BHC (Lindane) | Ave | 1.680 | 1.715 | | 102 | 100 | 2.1 | 20.0 |
| beta-BHC | Ave | 0.7381 | 0.7367 | | 99.8 | 100 | -0.2 | 20.0 |
| delta-BHC | Ave | 1.695 | 1.697 | | 100 | 100 | 0.1 | 20.0 |
| Heptachlor | Ave | 1.774 | 1.794 | | 101 | 100 | 1.2 | 20.0 |
| Aldrin | Ave | 1.758 | 1.813 | | 103 | 100 | 3.1 | 20.0 |
| Heptachlor epoxide | Ave | 1.588 | 1.594 | | 100 | 100 | 0.4 | 20.0 |
| trans-Chlordane | Ave | 1.617 | 1.647 | | 102 | 100 | 1.9 | 20.0 |
| cis-Chlordane | Ave | 1.531 | 1.580 | | 103 | 100 | 3.2 | 20.0 |
| 4,4'-DDE | Ave | 1.498 | 1.598 | | 107 | 100 | 6.7 | 20.0 |
| Endosulfan I | Ave | 1.427 | 1.541 | | 108 | 100 | 8.0 | 20.0 |
| Dieldrin | Ave | 1.615 | 1.691 | | 105 | 100 | 4.7 | 20.0 |
| Endrin | Ave | 1.477 | 1.513 | | 102 | 100 | 2.4 | 20.0 |
| 4,4'-DDD | Ave | 1.257 | 1.310 | | 104 | 100 | 4.2 | 20.0 |
| Endosulfan II | Ave | 1.254 | 1.342 | | 107 | 100 | 7.0 | 20.0 |
| 4,4'-DDT | Ave | 1.271 | 1.312 | | 103 | 100 | 3.2 | 20.0 |
| Endrin aldehyde | Ave | 1.071 | 1.043 | | 97.4 | 100 | -2.6 | 20.0 |
| Methoxychlor | Ave | 0.6674 | 0.6759 | | 101 | 100 | 1.3 | 20.0 |
| Mirex | Ave | 1.077 | 1.099 | | 102 | 100 | 2.0 | 20.0 |
| Endosulfan sulfate | Ave | 1.376 | 1.324 | | 96.2 | 100 | -3.8 | 20.0 |
| Endrin ketone | Ave | 1.528 | 1.551 | | 102 | 100 | 1.5 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.213 | 1.159 | | 95.5 | 100 | -4.5 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 1.473 | 1.389 | | 94.3 | 100 | -5.7 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020038/3  Calibration Date: 02/07/2025 02:44

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 09:22

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/21/2025 10:14

Lab File ID: 5F0977920.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| alpha-BHC | 2.33 | 2.32 | 2.34 |
| gamma-BHC (Lindane) | 2.55 | 2.54 | 2.56 |
| beta-BHC | 2.60 | 2.59 | 2.61 |
| delta-BHC | 2.74 | 2.73 | 2.75 |
| Heptachlor | 2.92 | 2.91 | 2.93 |
| Aldrin | 3.19 | 3.18 | 3.20 |
| Heptachlor epoxide | 3.80 | 3.79 | 3.81 |
| trans-Chlordane | 3.94 | 3.93 | 3.95 |
| cis-Chlordane | 4.07 | 4.06 | 4.08 |
| 4,4'-DDE | 4.16 | 4.15 | 4.17 |
| Endosulfan I | 4.22 | 4.21 | 4.23 |
| Dieldrin | 4.49 | 4.48 | 4.50 |
| Endrin | 4.76 | 4.75 | 4.77 |
| 4,4'-DDD | 4.83 | 4.82 | 4.84 |
| Endosulfan II | 4.97 | 4.96 | 4.98 |
| 4,4'-DDT | 5.10 | 5.09 | 5.11 |
| Endrin aldehyde | 5.33 | 5.32 | 5.34 |
| Methoxychlor | 5.53 | 5.52 | 5.54 |
| Mirex | 5.59 | 5.58 | 5.60 |
| Endosulfan sulfate | 5.69 | 5.68 | 5.70 |
| Endrin ketone | 5.92 | 5.91 | 5.93 |
| Tetrachloro-m-xylene | 2.00 | 1.99 | 2.01 |
| DCB Decachlorobiphenyl | 7.31 | 7.30 | 7.32 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 02:44:38 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:34 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:20:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 36593783 | 100.0 | 100.0 | |
| 2 | 1.611 | 1.611 | 0.000 | 66522478 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.016 | 2.016 | 0.000 | 35895852 | 100.0 | 91.7 | |
| 2 | 1.996 | 1.996 | 0.000 | 77113659 | 100.0 | 95.5 | |
| | | | | | | RPD = 4.07 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.441 | 2.441 | 0.000 | 58668908 | 100.0 | 94.7 | |
| 2 | 2.331 | 2.331 | 0.000 | 124100404 | 100.0 | 102.5 | |
| | | | | | | RPD = 7.92 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.735 | 2.735 | 0.000 | 54328528 | 100.0 | 94.9 | M |
| 2 | 2.546 | 2.546 | 0.000 | 114079506 | 100.0 | 102.1 | M |
| | | | | | | RPD = 7.30 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.794 | 2.794 | 0.000 | 23660993 | 100.0 | 96.5 | M |
| 2 | 2.599 | 2.599 | 0.000 | 49007804 | 100.0 | 99.8 | M |
| | | | | | | RPD = 3.32 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.089 | 3.089 | 0.000 | 52210055 | 100.0 | 89.3 | M |
| 2 | 2.739 | 2.739 | 0.000 | 112855640 | 100.0 | 100.1 | |
| | | | | | | RPD = 11.43 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.163 | 3.163 | 0.000 | 54391741 | 100.0 | 94.4 | M |
| 2 | 2.919 | 2.919 | 0.000 | 119370785 | 100.0 | 101.2 | |
| | | | | | | RPD = 6.92 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.533 | 3.533 | 0.000 | 53591829 | 100.0 | 94.7 | |
| 2 | 3.186 | 3.186 | 0.000 | 120584426 | 100.0 | 103.1 | |
| | | | | | | RPD = 8.44 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.201 | 4.201 | 0.000 | 46091692 | 100.0 | 93.5 | |
| 2 | 3.804 | 3.804 | 0.000 | 106018758 | 100.0 | 100.4 | |
| | | | | | | RPD = 7.06 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.429 | 4.429 | 0.000 | 47156375 | 100.0 | 93.5 | |
| 2 | 3.936 | 3.936 | 0.000 | 109570982 | 100.0 | 101.9 | |
| | | | | | | RPD = 8.58 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.619 | 4.619 | 0.000 | 45336611 | 100.0 | 93.8 | M |
| 2 | 4.074 | 4.074 | 0.000 | 105131119 | 100.0 | 103.2 | |
| | | | | | | RPD = 9.57 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.691 | 4.691 | 0.000 | 45390966 | 100.0 | 97.6 | M |
| 2 | 4.221 | 4.221 | 0.000 | 102497671 | 100.0 | 108.0 | |
| | | | | | | RPD = 10.05 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.821 | 4.821 | 0.000 | 47968167 | 100.0 | 95.3 | |
| 2 | 4.156 | 4.156 | 0.000 | 106329574 | 100.0 | 106.7 | |
| | | | | | | RPD = 11.31 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.981 | 4.981 | 0.000 | 52138456 | 100.0 | 96.6 | |
| 2 | 4.492 | 4.492 | 0.000 | 112502704 | 100.0 | 104.7 | |
| | | | | | | RPD = 8.10 | |
| 20 Endrin | | | | | | | |
| 1 | 5.265 | 5.265 | 0.000 | 44929223 | 100.0 | 89.7 | |
| 2 | 4.756 | 4.756 | 0.000 | 100656590 | 100.0 | 102.4 | |
| | | | | | | RPD = 13.31 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.378 | 5.378 | 0.000 | 42157471 | 100.0 | 85.6 | M |
| 2 | 4.833 | 4.833 | 0.000 | 87151952 | 100.0 | 104.2 | |
| | | | | | | RPD = 19.58 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.452 | 5.452 | 0.000 | 47433968 | 100.0 | 93.3 | M |
| 2 | 4.970 | 4.970 | 0.000 | 89270339 | 100.0 | 107.0 | |
| | | | | | | RPD = 13.76 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.657 | 5.657 | 0.000 | 36385598 | 100.0 | 91.4 | |
| 2 | 5.095 | 5.095 | 0.000 | 87258436 | 100.0 | 103.2 | |
| | | | | | | RPD = 12.14 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.751 | 5.751 | 0.000 | 35572210 | 100.0 | 87.2 | |
| 2 | 5.331 | 5.331 | 0.000 | 69395144 | 100.0 | 97.4 | |
| | | | | | | RPD = 11.08 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.016 | 6.016 | 0.000 | 47080864 | 100.0 | 89.9 | |
| 2 | 5.689 | 5.689 | 0.000 | 88094961 | 100.0 | 96.2 | |
| | | | | | | RPD = 6.75 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.457 | 6.457 | 0.000 | 17741695 | 100.0 | 92.3 | |
| 2 | 5.526 | 5.526 | 0.000 | 44962898 | 100.0 | 101.3 | |
| | | | | | | RPD = 9.22 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.574 | 6.574 | 0.000 | 39593052 | 100.0 | 95.1 | M |
| 2 | 5.593 | 5.593 | 0.000 | 73077255 | 100.0 | 102.0 | |
| | | | | | | RPD = 6.98 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.666 | 6.666 | 0.000 | 56656795 | 100.0 | 95.1 | M |
| 2 | 5.916 | 5.916 | 0.000 | 103159840 | 100.0 | 101.5 | |
| | | | | | | RPD = 6.52 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 51891488 | 100.0 | 87.1 | |
| 2 | 7.308 | 7.308 | 0.000 | 92371365 | 100.0 | 94.3 | |
| | | | | | | RPD = 7.89 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

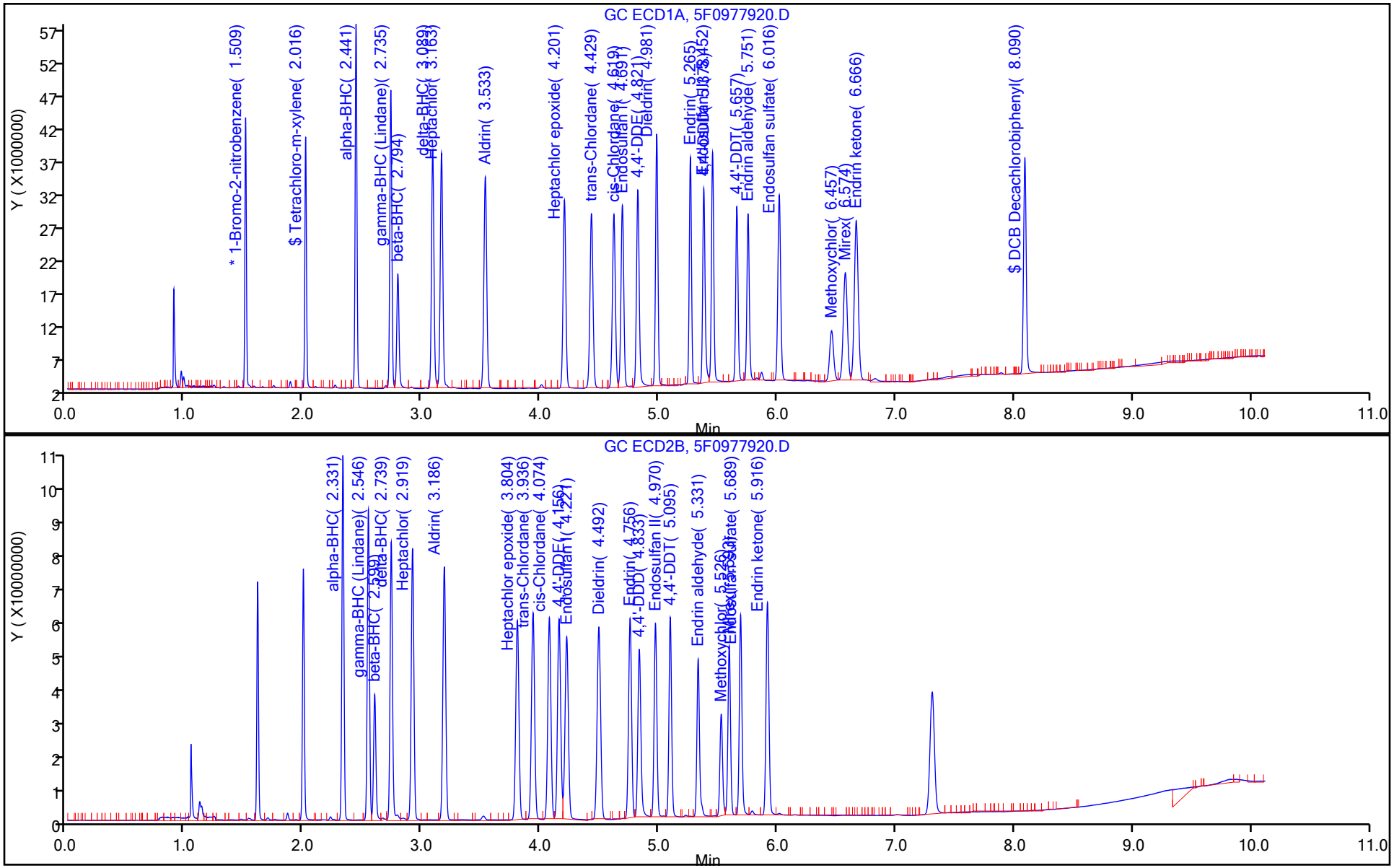
| | | | |
|---|---|---|---|
| SGPESTL3_00045 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:35 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:44:38 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

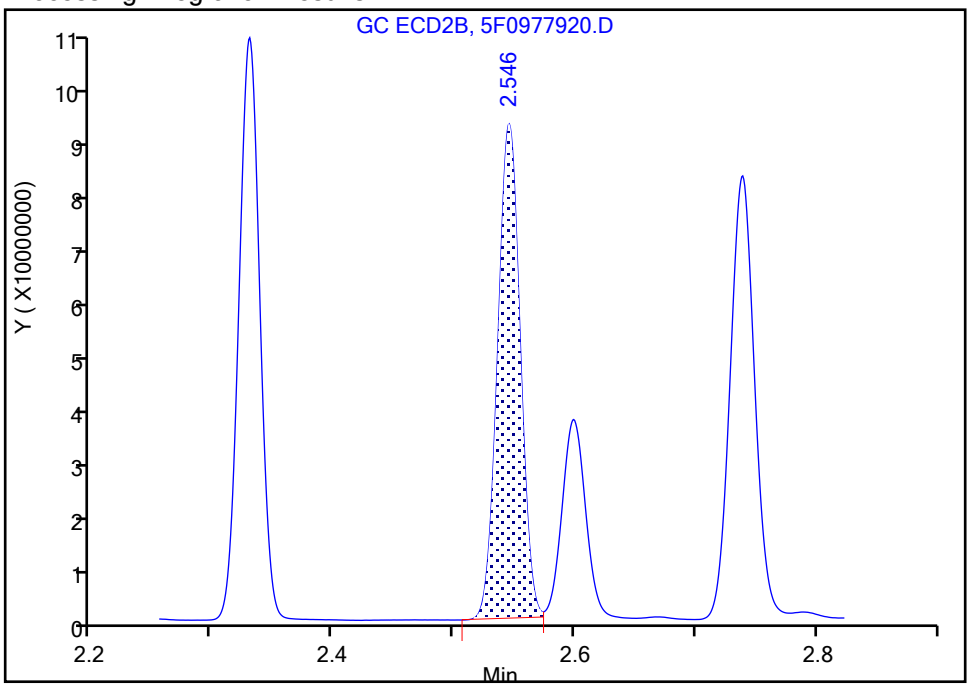
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

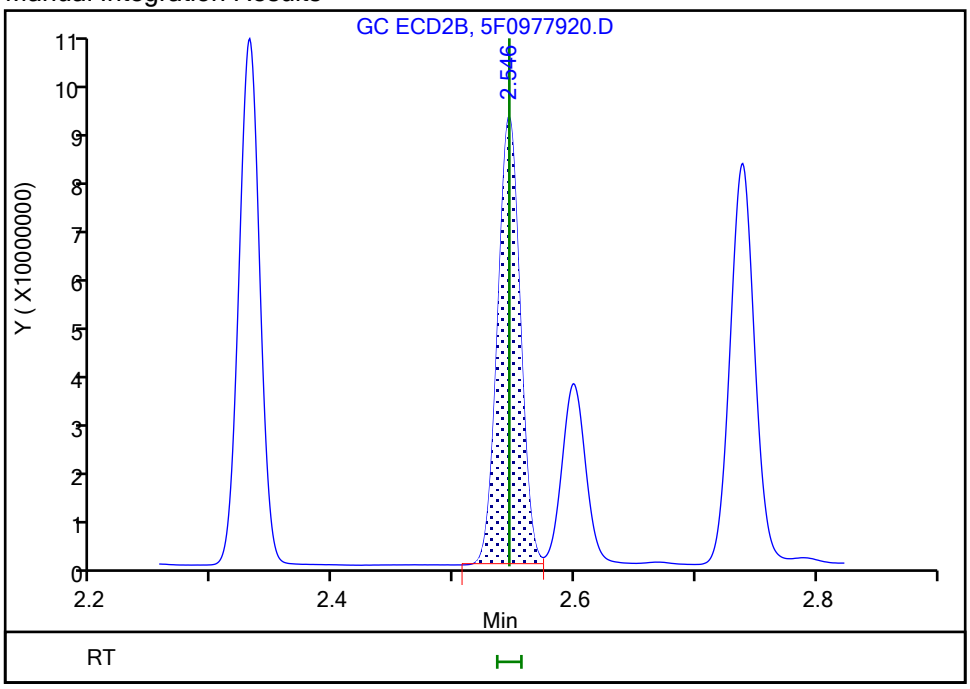
Processing Integration Results

RT: 2.55
Area: 113109033
Amount: 101.2360
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 114079506
Amount: 102.1046
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

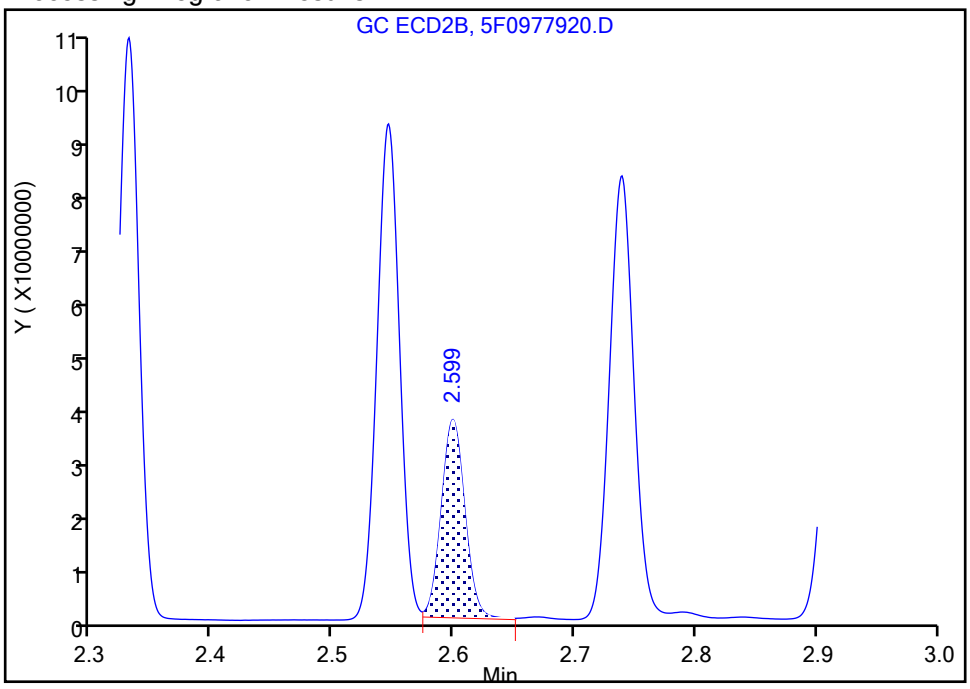
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977920.D
Injection Date: 07-Feb-2025 02:44:38 Instrument ID: CPESTGC5
Lims ID: CCVIS
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

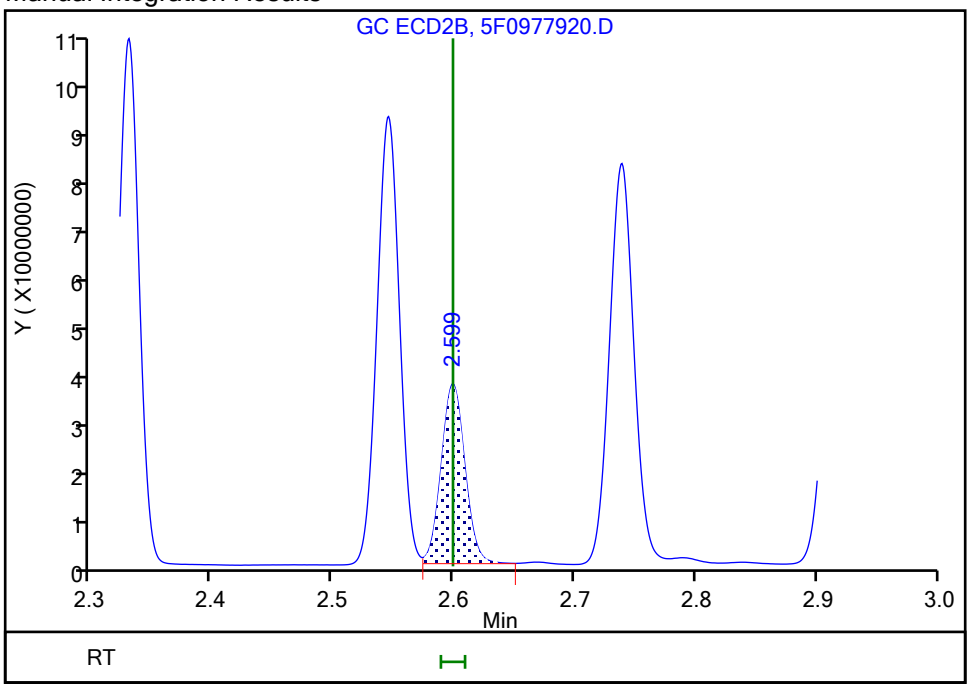
Processing Integration Results

RT: 2.60
Area: 47388837
Amount: 96.509480
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 49007804
Amount: 99.806578
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:22 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/4 Calibration Date: 02/07/2025 02:57

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977921.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0643 | 0.0653 | | 1010 | 1000 | 1.5 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0643 | 0.0653 | | 1010 | 1000 | 1.5 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0644 | 0.0656 | | 1020 | 1000 | 2.0 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0644 | 0.0656 | | 1020 | 1000 | 2.0 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.2206 | 0.2264 | | 1030 | 1000 | 2.6 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.2206 | 0.2264 | | 1030 | 1000 | 2.6 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2368 | 0.2437 | | 1030 | 1000 | 2.9 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2368 | 0.2437 | | 1030 | 1000 | 2.9 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.1611 | 0.1660 | | 1030 | 1000 | 3.0 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.1611 | 0.1660 | | 1030 | 1000 | 3.0 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0653 | | 1020 | 1000 | 2.4 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/4 Calibration Date: 02/07/2025 02:57

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977921.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 3.01 | 3.00 | 3.02 |
| Chlordane (technical) Peak 1 | 3.01 | 3.00 | 3.02 |
| Chlordane (n.o.s.) Peak 2 | 3.71 | 3.70 | 3.72 |
| Chlordane (technical) Peak 2 | 3.71 | 3.70 | 3.72 |
| Chlordane (n.o.s.) Peak 3 | 4.43 | 4.42 | 4.44 |
| Chlordane (technical) Peak 3 | 4.43 | 4.42 | 4.44 |
| Chlordane (n.o.s.) Peak 4 | 4.55 | 4.54 | 4.56 |
| Chlordane (technical) Peak 4 | 4.55 | 4.54 | 4.56 |
| Chlordane (n.o.s.) Peak 5 | 4.62 | 4.61 | 4.63 |
| Chlordane (technical) Peak 5 | 4.62 | 4.61 | 4.63 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 02:57:37 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:39 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:10:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 28411941 | 100.0 | 100.0 | |
| 2 | 1.610 | 1.610 | 0.000 | 52724104 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.012 | 3.012 | 0.000 | 18549544 | 1000.0 | 1014.8 | M |
| 1 | 3.707 | 3.707 | 0.000 | 18644162 | 1000.0 | 1019.7 | M |
| 1 | 4.429 | 4.429 | 0.000 | 64317525 | 1000.0 | 1026.4 | M |
| 1 | 4.546 | 4.546 | 0.000 | 69249747 | 1000.0 | 1029.3 | M |
| 1 | 4.620 | 4.620 | 0.000 | 47171658 | 1000.0 | 1030.4 | M |
| | | Average of Peak Amounts = | | | | 1024.1 | |
| 2 | 2.852 | 2.852 | 0.000 | 37197754 | 1000.0 | 1064.2 | M |
| 2 | 3.306 | 3.306 | 0.000 | 45245867 | 1000.0 | 995.3 | M |
| 2 | 3.735 | 3.735 | 0.000 | 29164777 | 1000.0 | 1067.9 | M |
| 2 | 3.938 | 3.938 | 0.000 | 158957600 | 1000.0 | 1071.2 | M |
| 2 | 4.064 | 4.064 | 0.000 | 272537791 | 1000.0 | 1057.4 | M |
| | | Average of Peak Amounts = | | | | 1051.2 | |
| | | | | | | RPD = 2.61 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.012 | 3.012 | 0.000 | 18549544 | 1000.0 | 1014.8 | M |
| 1 | 3.707 | 3.707 | 0.000 | 18644162 | 1000.0 | 1019.7 | M |
| 1 | 4.429 | 4.429 | 0.000 | 64317525 | 1000.0 | 1026.4 | M |
| 1 | 4.546 | 4.546 | 0.000 | 69249747 | 1000.0 | 1029.3 | M |
| 1 | 4.620 | 4.620 | 0.000 | 47171658 | 1000.0 | 1030.4 | M |
| | | Average of Peak Amounts = | | | | 1024.1 | |
| 2 | 2.852 | 2.852 | 0.000 | 37197754 | 1000.0 | 1064.2 | M |
| 2 | 3.306 | 3.306 | 0.000 | 45245867 | 1000.0 | 995.3 | M |
| 2 | 3.735 | 3.735 | 0.000 | 29164777 | 1000.0 | 1067.9 | M |
| 2 | 3.938 | 3.938 | 0.000 | 158957600 | 1000.0 | 1071.2 | M |
| 2 | 4.064 | 4.064 | 0.000 | 272537791 | 1000.0 | 1057.4 | M |
| | | Average of Peak Amounts = | | | | 1051.2 | |
| | | | | | | RPD = 2.61 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

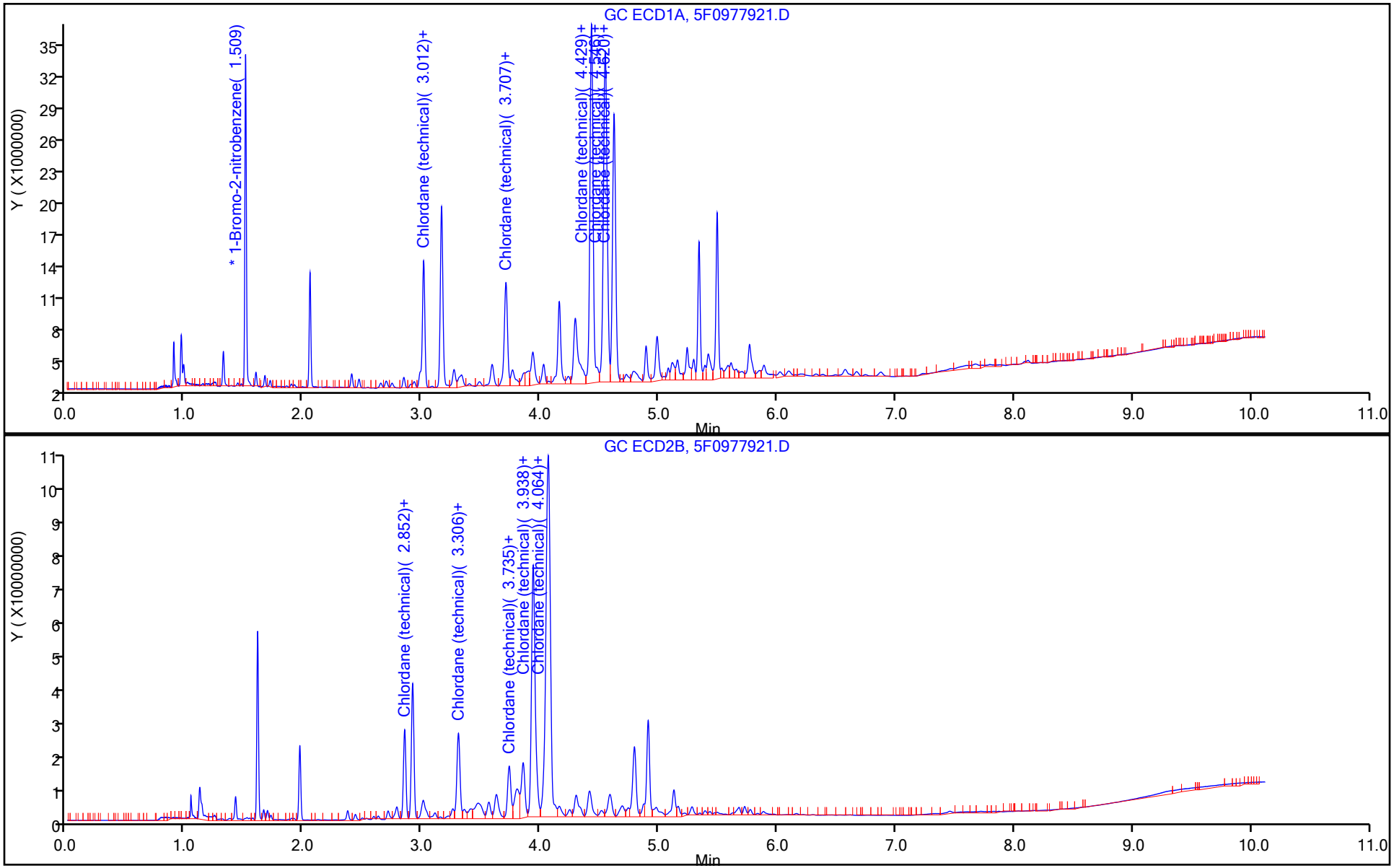
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:57:37 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

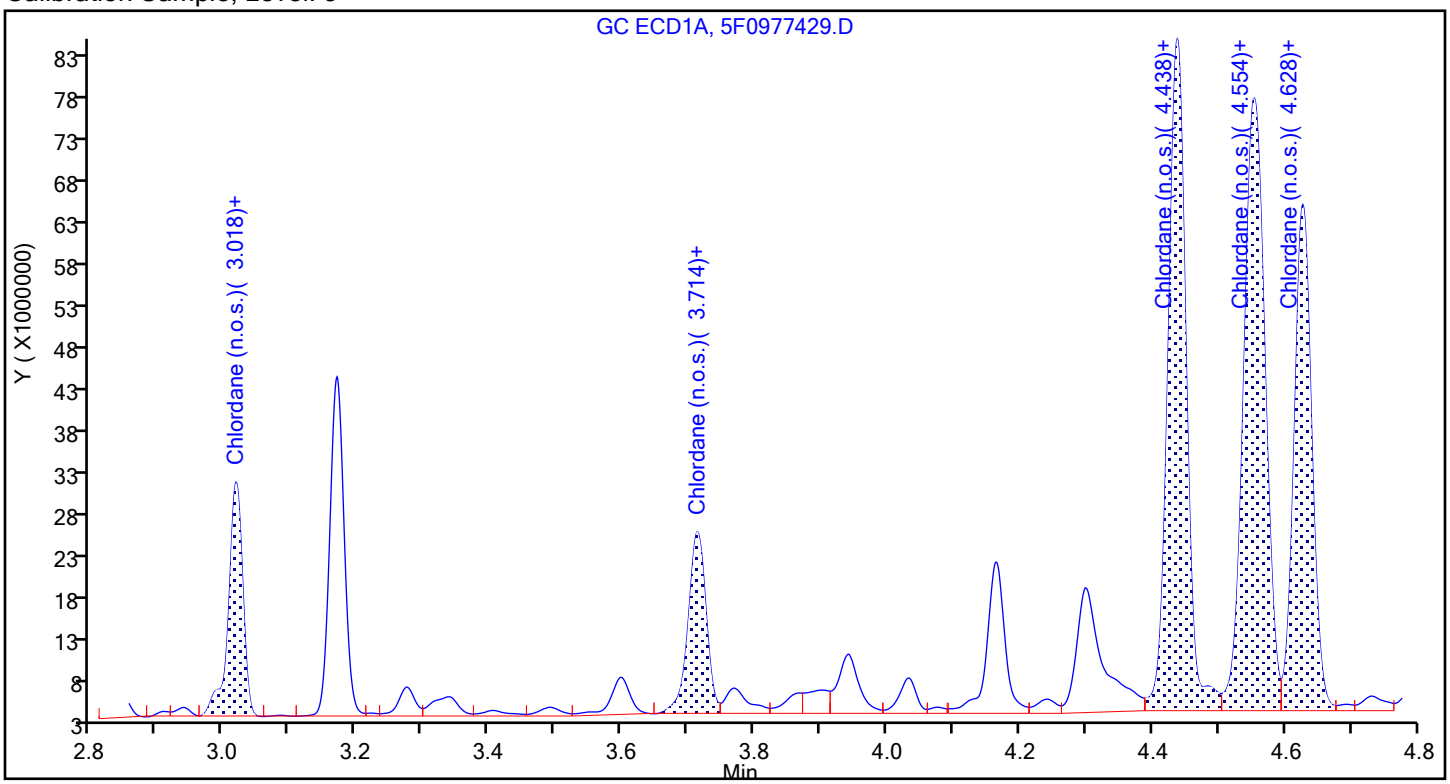
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D

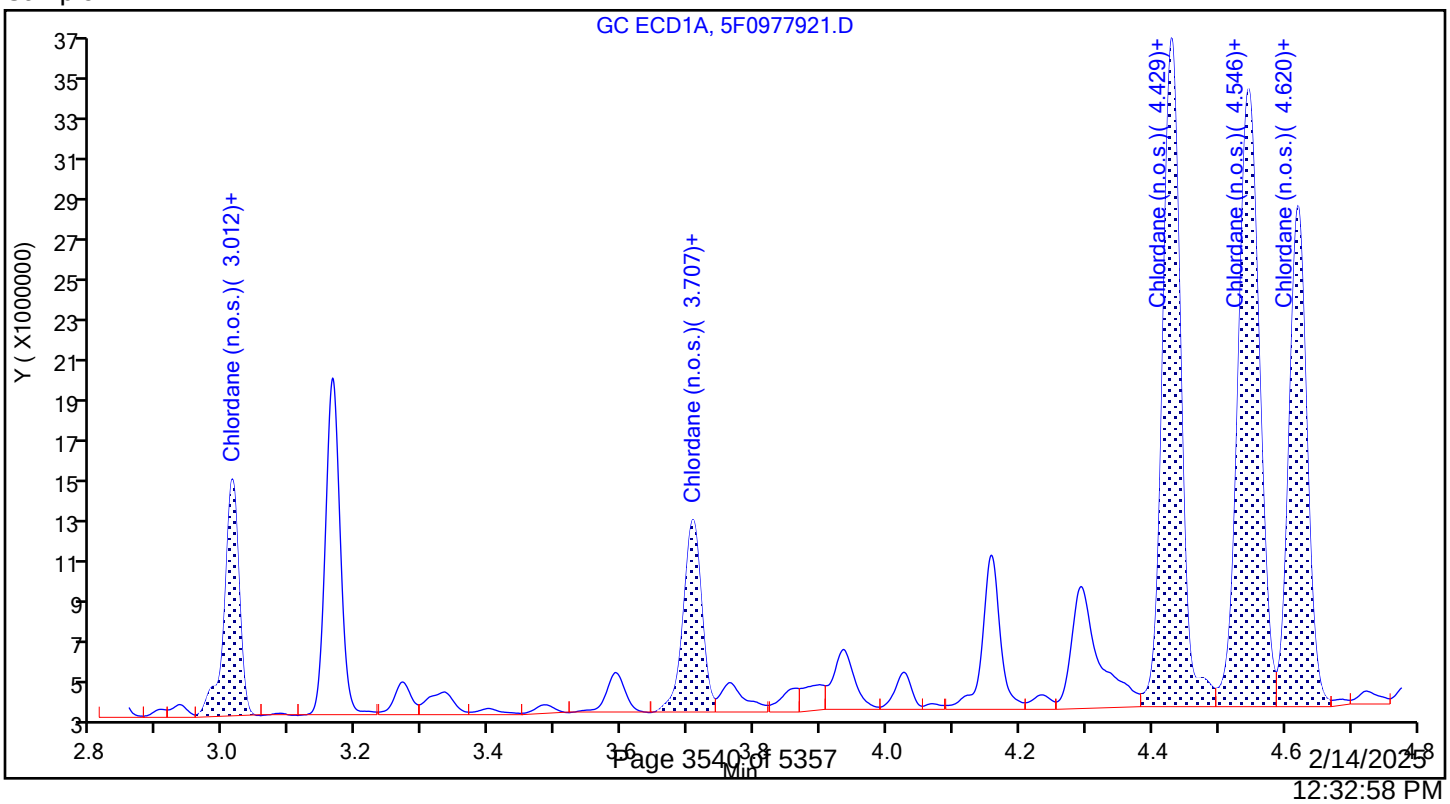
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:57:37 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | CCV CHLOR | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample

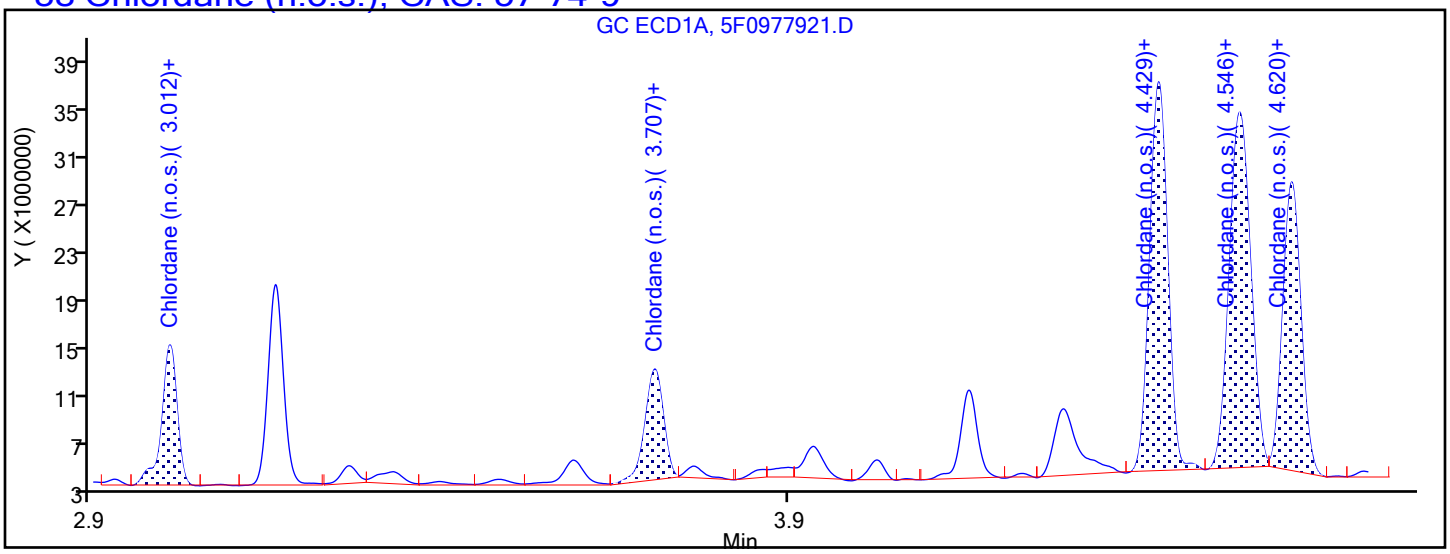


Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

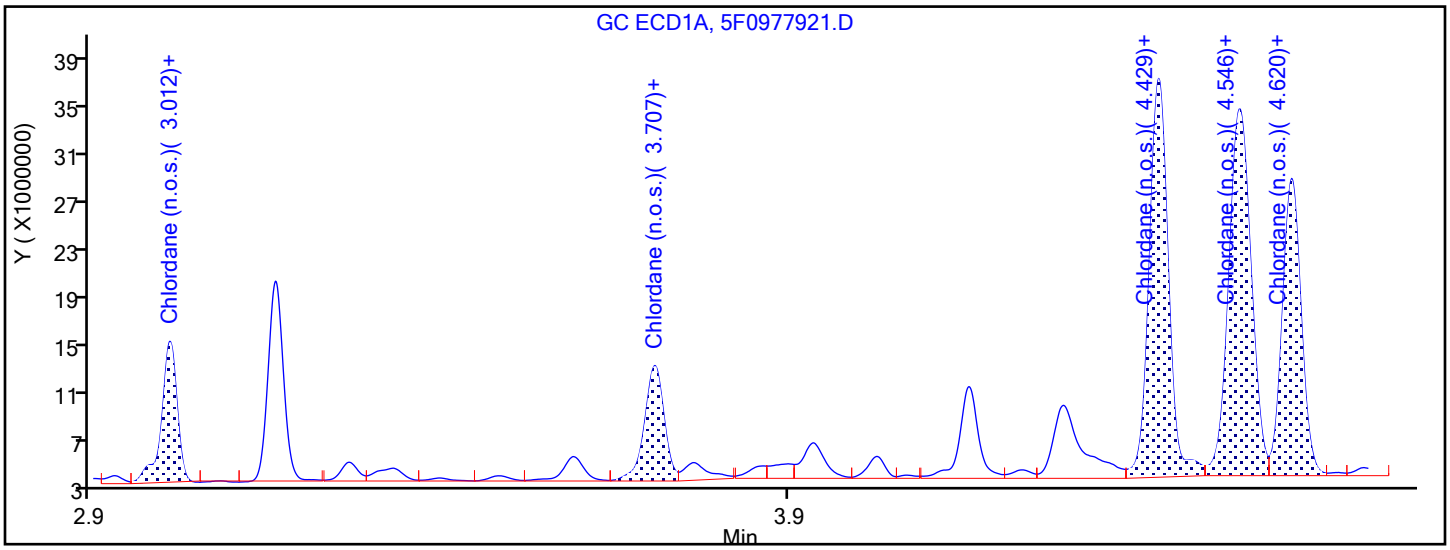
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D
Injection Date: 07-Feb-2025 02:57:37 Instrument ID: CPESTGC5
Lims ID: CCV CHLOR
Client ID:
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 3.012 | Response = 18439076 |
| 3.707 | Response = 17245734 |
| 4.429 | Response = 59194075 |
| 4.546 | Response = 63607580 |
| 4.620 | Response = 43606716 |




Manual Integration Results

| | | |
|---|---|---|
| 3.012 | Response = 18549544 | M |
| 3.707 | Response = 18644162 | M |
| 4.429 | Response = 64317525 | M |
| 4.546 | Response = 69249747 | M |
| 4.620 | Response = 47171658 | M |

Reviewer: ESS0, 07-Feb-2025 03:10:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/4 Calibration Date: 02/07/2025 02:57

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 11:06

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977921.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Chlordane (n.o.s.) Peak 1 | Ave | 0.0663 | 0.0706 | | 1060 | 1000 | 6.4 | 20.0 |
| Chlordane (technical) Peak 1 | Ave | 0.0663 | 0.0706 | | 1060 | 1000 | 6.4 | 20.0 |
| Chlordane (n.o.s.) Peak 2 | Ave | 0.0862 | 0.0858 | | 995 | 1000 | -0.5 | 20.0 |
| Chlordane (technical) Peak 2 | Ave | 0.0862 | 0.0858 | | 995 | 1000 | -0.5 | 20.0 |
| Chlordane (n.o.s.) Peak 3 | Ave | 0.0518 | 0.0553 | | 1070 | 1000 | 6.8 | 20.0 |
| Chlordane (technical) Peak 3 | Ave | 0.0518 | 0.0553 | | 1070 | 1000 | 6.8 | 20.0 |
| Chlordane (n.o.s.) Peak 4 | Ave | 0.2815 | 0.3015 | | 1070 | 1000 | 7.1 | 20.0 |
| Chlordane (technical) Peak 4 | Ave | 0.2815 | 0.3015 | | 1070 | 1000 | 7.1 | 20.0 |
| Chlordane (n.o.s.) Peak 5 | Ave | 0.4889 | 0.5169 | | 1060 | 1000 | 5.7 | 20.0 |
| Chlordane (technical) Peak 5 | Ave | 0.4889 | 0.5169 | | 1060 | 1000 | 5.7 | 20.0 |
| Chlordane (n.o.s.) | None | | 0.0706 | | 1050 | 1000 | 5.1 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/4  Calibration Date: 02/07/2025 02:57

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 11:06

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 01/21/2025 11:58

Lab File ID: 5F0977921.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Chlordane (n.o.s.) Peak 1 | 2.85 | 2.84 | 2.86 |
| Chlordane (technical) Peak 1 | 2.85 | 2.84 | 2.86 |
| Chlordane (n.o.s.) Peak 2 | 3.31 | 3.30 | 3.32 |
| Chlordane (technical) Peak 2 | 3.31 | 3.30 | 3.32 |
| Chlordane (n.o.s.) Peak 3 | 3.74 | 3.73 | 3.75 |
| Chlordane (technical) Peak 3 | 3.74 | 3.73 | 3.75 |
| Chlordane (n.o.s.) Peak 4 | 3.94 | 3.93 | 3.95 |
| Chlordane (technical) Peak 4 | 3.94 | 3.93 | 3.95 |
| Chlordane (n.o.s.) Peak 5 | 4.06 | 4.05 | 4.07 |
| Chlordane (technical) Peak 5 | 4.06 | 4.05 | 4.07 |
| Chlordane (n.o.s.) | | | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 02:57:37 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:39 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:10:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.509 | 1.509 | 0.000 | 28411941 | 100.0 | 100.0 | |
| 2 | 1.610 | 1.610 | 0.000 | 52724104 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 31 Chlordane (technical) | | | | | | | M |
| 1 | 3.012 | 3.012 | 0.000 | 18549544 | 1000.0 | 1014.8 | M |
| 1 | 3.707 | 3.707 | 0.000 | 18644162 | 1000.0 | 1019.7 | M |
| 1 | 4.429 | 4.429 | 0.000 | 64317525 | 1000.0 | 1026.4 | M |
| 1 | 4.546 | 4.546 | 0.000 | 69249747 | 1000.0 | 1029.3 | M |
| 1 | 4.620 | 4.620 | 0.000 | 47171658 | 1000.0 | 1030.4 | M |
| | | Average of Peak Amounts = | | | | 1024.1 | |
| 2 | 2.852 | 2.852 | 0.000 | 37197754 | 1000.0 | 1064.2 | M |
| 2 | 3.306 | 3.306 | 0.000 | 45245867 | 1000.0 | 995.3 | M |
| 2 | 3.735 | 3.735 | 0.000 | 29164777 | 1000.0 | 1067.9 | M |
| 2 | 3.938 | 3.938 | 0.000 | 158957600 | 1000.0 | 1071.2 | M |
| 2 | 4.064 | 4.064 | 0.000 | 272537791 | 1000.0 | 1057.4 | M |
| | | Average of Peak Amounts = | | | | 1051.2 | |
| | | | | | | RPD = 2.61 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 38 Chlordane (n.o.s.) | | | | | | | M |
| 1 | 3.012 | 3.012 | 0.000 | 18549544 | 1000.0 | 1014.8 | M |
| 1 | 3.707 | 3.707 | 0.000 | 18644162 | 1000.0 | 1019.7 | M |
| 1 | 4.429 | 4.429 | 0.000 | 64317525 | 1000.0 | 1026.4 | M |
| 1 | 4.546 | 4.546 | 0.000 | 69249747 | 1000.0 | 1029.3 | M |
| 1 | 4.620 | 4.620 | 0.000 | 47171658 | 1000.0 | 1030.4 | M |
| | | Average of Peak Amounts = | | | | 1024.1 | |
| 2 | 2.852 | 2.852 | 0.000 | 37197754 | 1000.0 | 1064.2 | M |
| 2 | 3.306 | 3.306 | 0.000 | 45245867 | 1000.0 | 995.3 | M |
| 2 | 3.735 | 3.735 | 0.000 | 29164777 | 1000.0 | 1067.9 | M |
| 2 | 3.938 | 3.938 | 0.000 | 158957600 | 1000.0 | 1071.2 | M |
| 2 | 4.064 | 4.064 | 0.000 | 272537791 | 1000.0 | 1057.4 | M |
| | | Average of Peak Amounts = | | | | 1051.2 | |
| | | | | | | RPD = 2.61 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

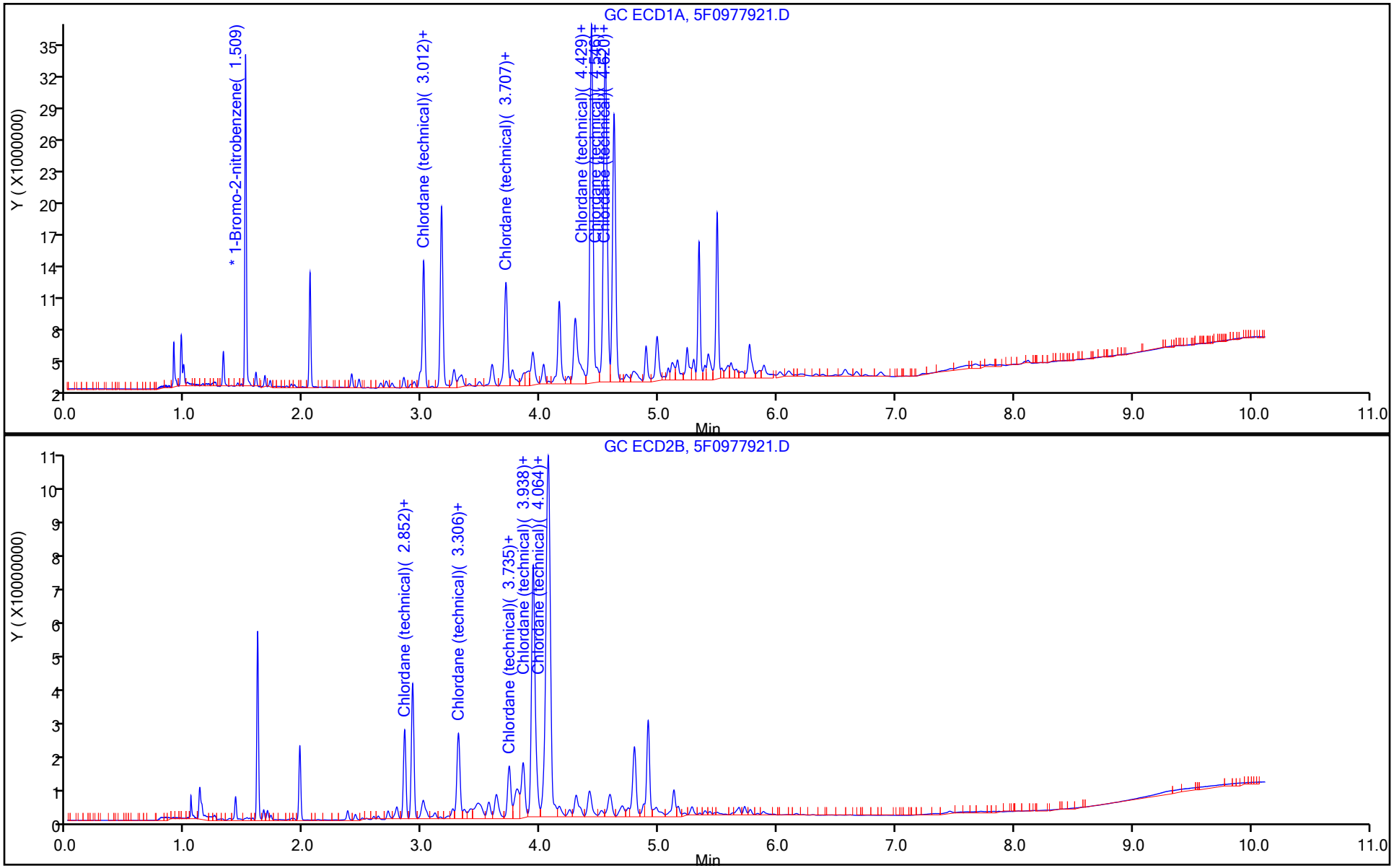
| | | | |
|---|---|---|---|
| SGCHLORDANEL4_00014 | Amount Added: 1.00 | Units: mL | |
| SGPESTISTD_00022 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:57:37 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCV CHLOR | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

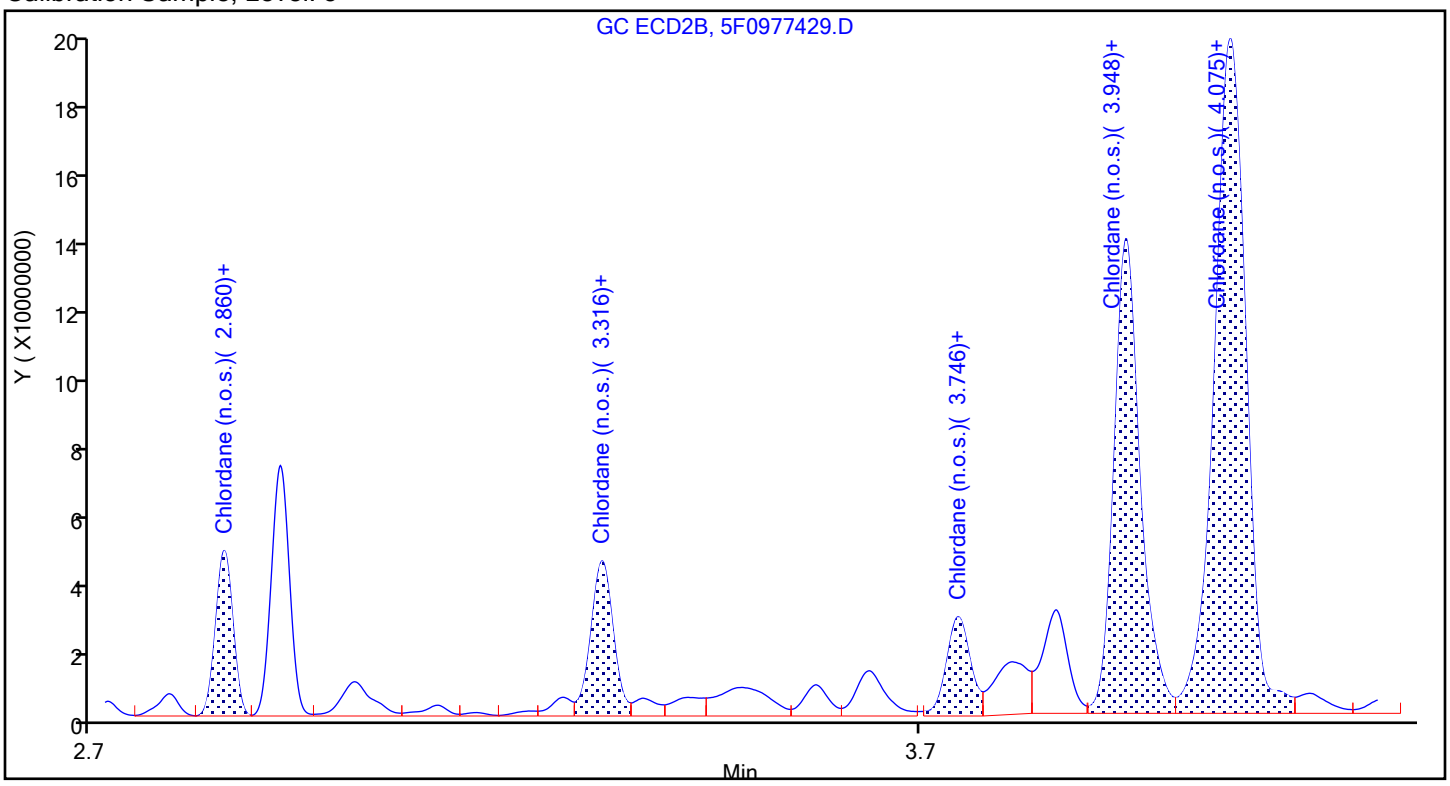
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D

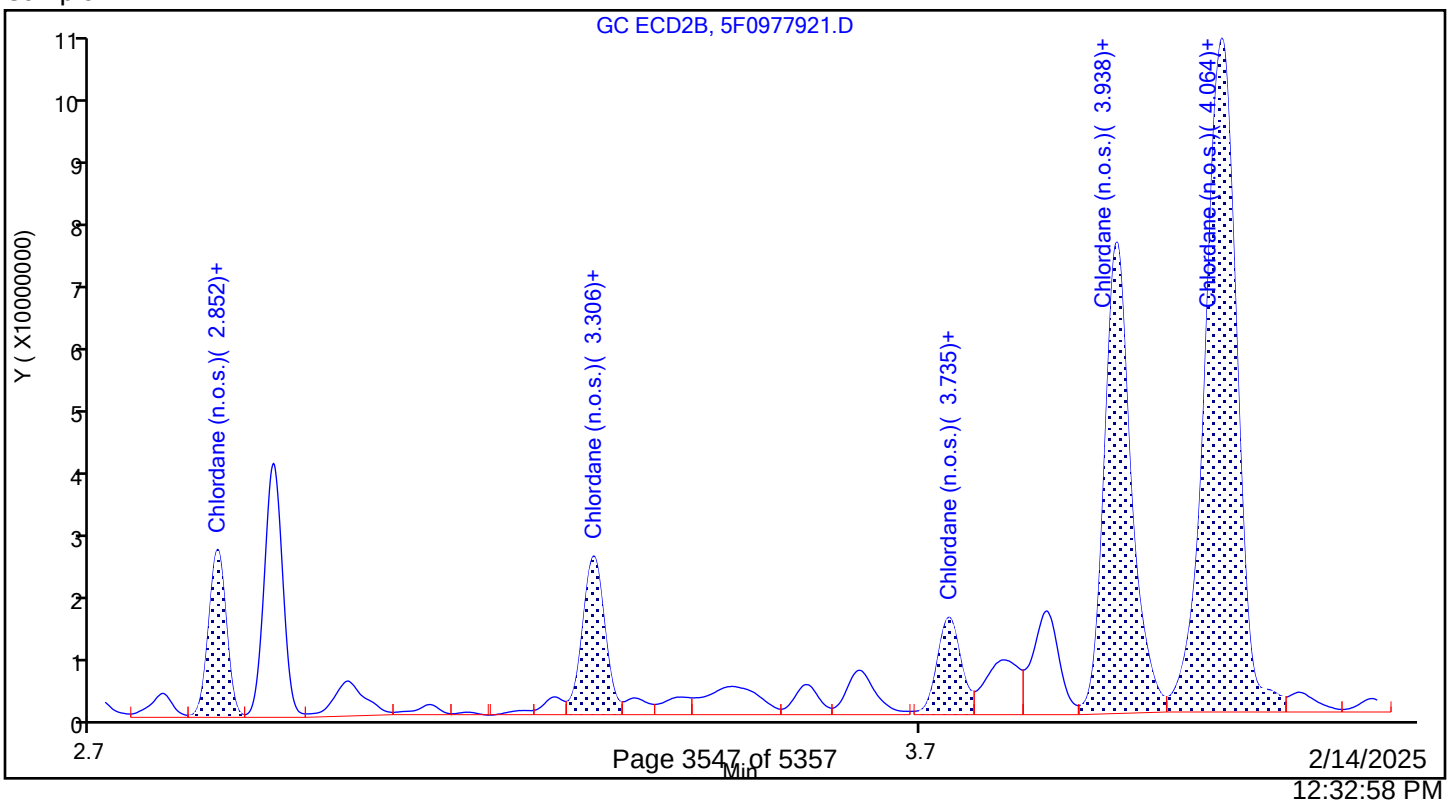
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:57:37 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | CCV CHLOR | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 38 Chlordane (n.o.s.), CAS: 57-74-9

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 07:47:40 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977921.D

Injection Date: 07-Feb-2025 02:57:37 Instrument ID: CPESTGC5

Lims ID: CCV CHLOR

Client ID:

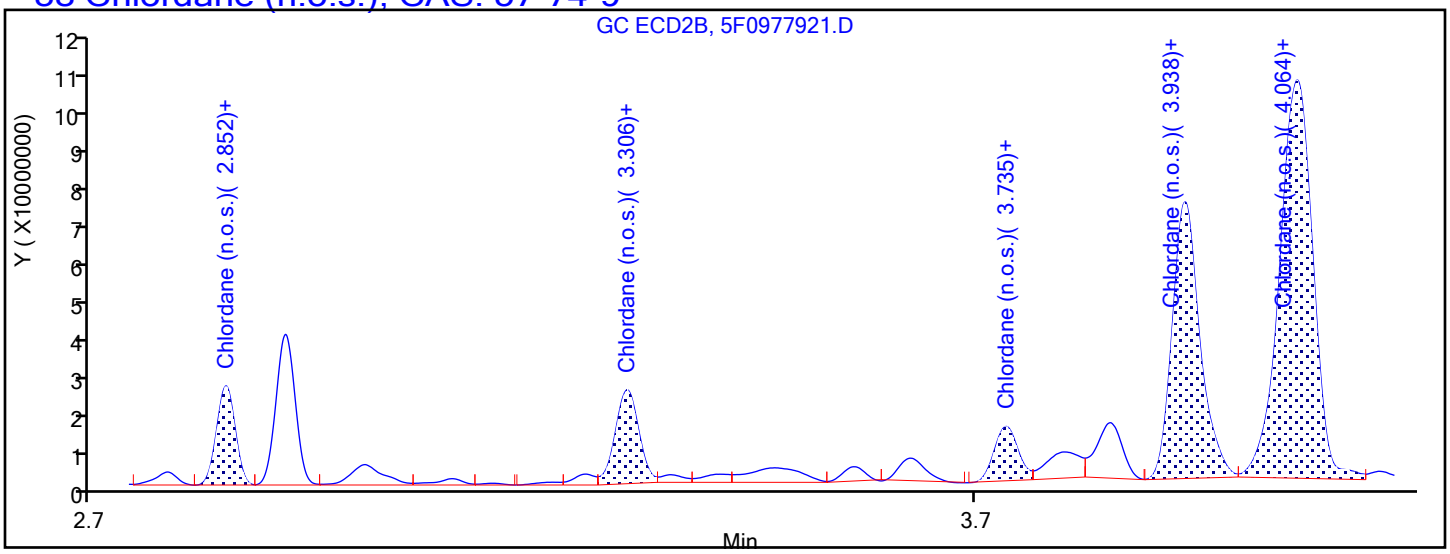
Operator ID: ALS Bottle#: 4 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

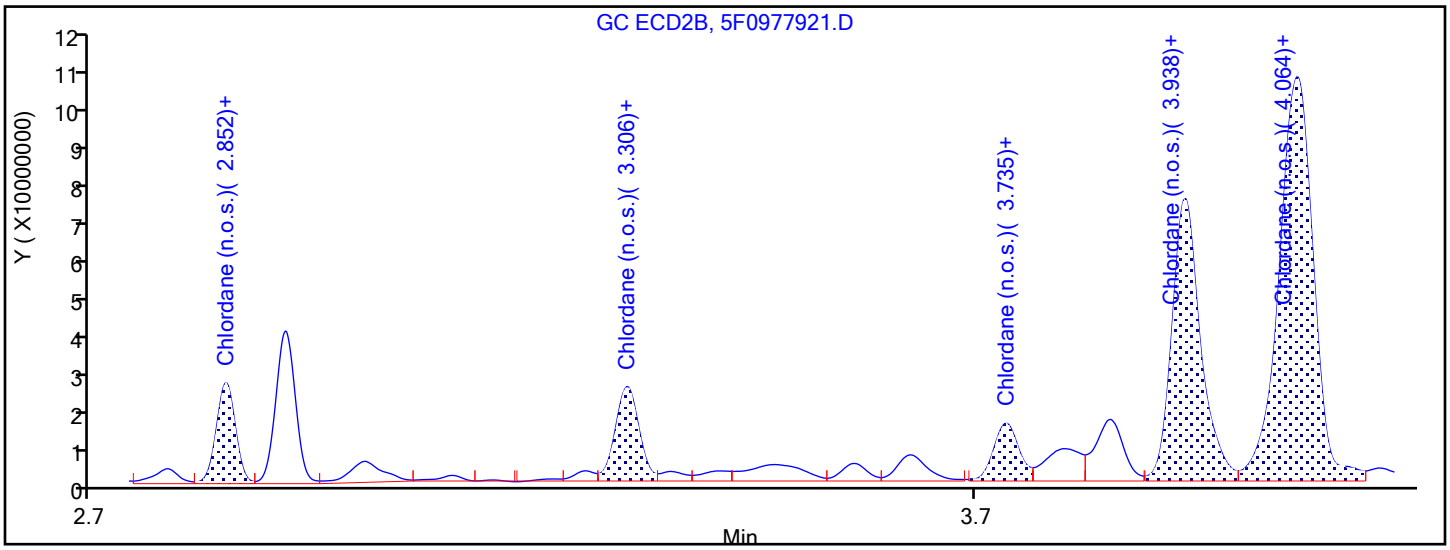
Column: Detector GC ECD2B

## 38 Chlordane (n.o.s.), CAS: 57-74-9




Processing Integration Results

| | |
|---|---|
| 2.852 | Response = 36513173 |
| 3.306 | Response = 43511552 |
| 3.735 | Response = 25120482 |
| 3.938 | Response = 150472067 |
| 4.064 | Response = 260463499 |




Manual Integration Results

| | | |
|---|---|---|
| 2.852 | Response = 37197754 | M |
| 3.306 | Response = 45245867 | M |
| 3.735 | Response = 29164777 | M |
| 3.938 | Response = 158957600 | M |
| 4.064 | Response = 272537791 | M |

Reviewer: ESS0, 07-Feb-2025 03:10:29 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/5  Calibration Date: 02/07/2025 03:10

Instrument ID: CPESTGC5  Calib Start Date: 01/21/2025 12:37

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 01/21/2025 13:29

Lab File ID: 5F0977922.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0197 | 0.0174 | | 883 | 1000 | -11.7 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0241 | 0.0219 | | 911 | 1000 | -8.9 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0589 | 0.0532 | | 903 | 1000 | -9.7 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0476 | 0.0439 | | 922 | 1000 | -7.8 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0622 | 0.0615 | | 989 | 1000 | -1.1 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/5 Calibration Date: 02/07/2025 03:10

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 12:37

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/21/2025 13:29

Lab File ID: 5F0977922.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.97 | 4.96 | 4.98 |
| Toxaphene Peak 2 | 5.44 | 5.43 | 5.45 |
| Toxaphene Peak 3 | 5.52 | 5.51 | 5.53 |
| Toxaphene Peak 4 | 5.76 | 5.75 | 5.77 |
| Toxaphene Peak 5 | 6.28 | 6.27 | 6.29 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977922.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 03:10:32 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:24:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 33763447 | 100.0 | 100.0 | |
| 2 | 1.612 | 1.612 | 0.000 | 61781707 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.967 | 4.967 | 0.000 | 5869566 | 1000.0 | 883.0 | M |
| 1 | 5.439 | 5.439 | 0.000 | 7408163 | 1000.0 | 910.8 | M |
| 1 | 5.524 | 5.524 | 0.000 | 17970224 | 1000.0 | 903.1 | M |
| 1 | 5.755 | 5.755 | 0.000 | 14808894 | 1000.0 | 922.2 | M |
| 1 | 6.280 | 6.280 | 0.000 | 20757717 | 1000.0 | 988.7 | M |
| | | Average of Peak Amounts = | | | | 921.6 | |
| 2 | 4.965 | 4.965 | 0.000 | 21339809 | 1000.0 | 928.8 | |
| 2 | 5.074 | 5.074 | 0.000 | 23546908 | 1000.0 | 937.7 | |
| 2 | 5.263 | 5.263 | 0.000 | 31355389 | 1000.0 | 926.7 | |
| 2 | 5.425 | 5.425 | 0.000 | 43909984 | 1000.0 | 904.6 | |
| 2 | 5.602 | 5.602 | 0.000 | 38999042 | 1000.0 | 898.3 | |
| | | Average of Peak Amounts = | | | | 919.2 | |
| | | | | | | RPD = 0.26 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

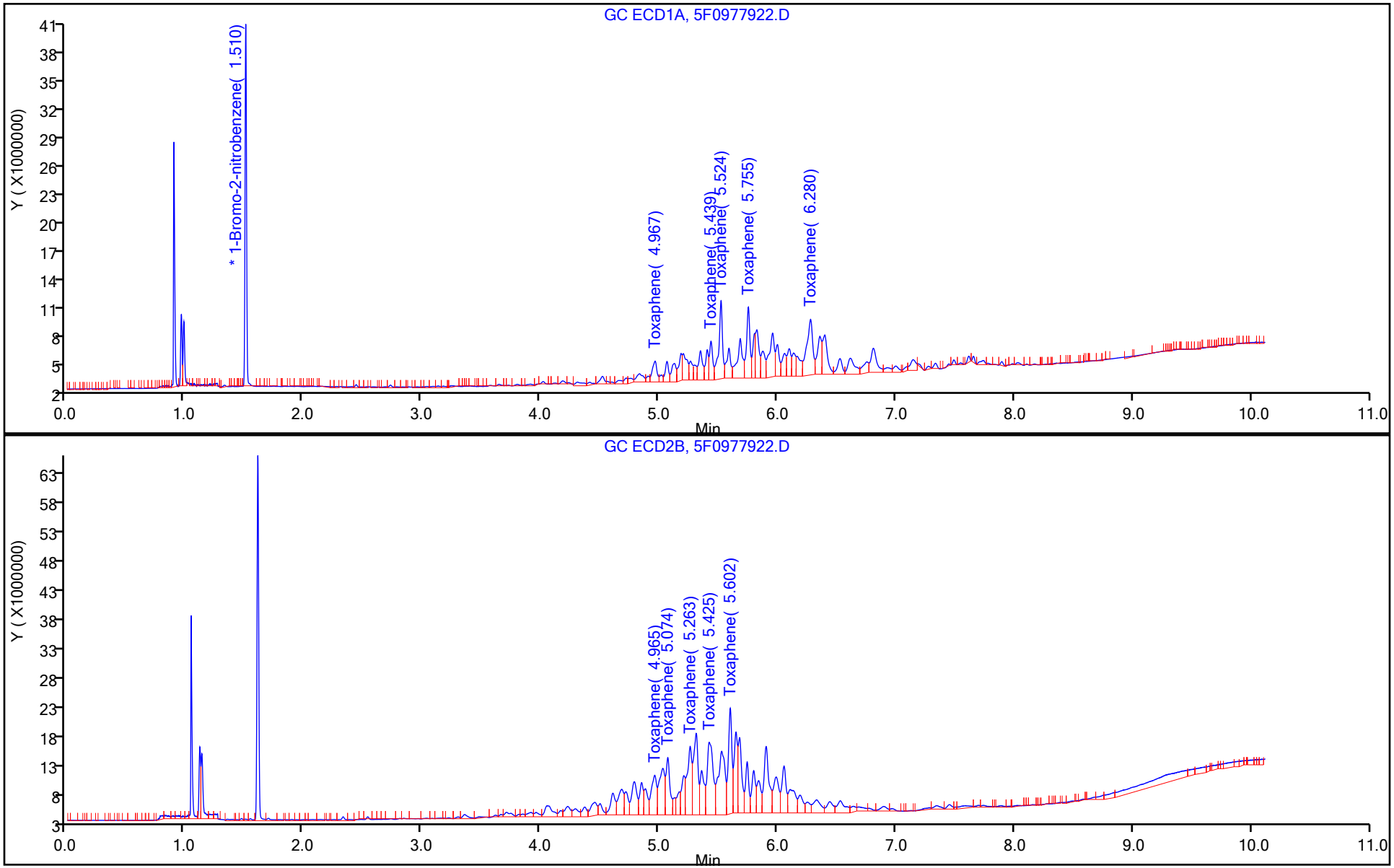
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977922.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:10:32 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |





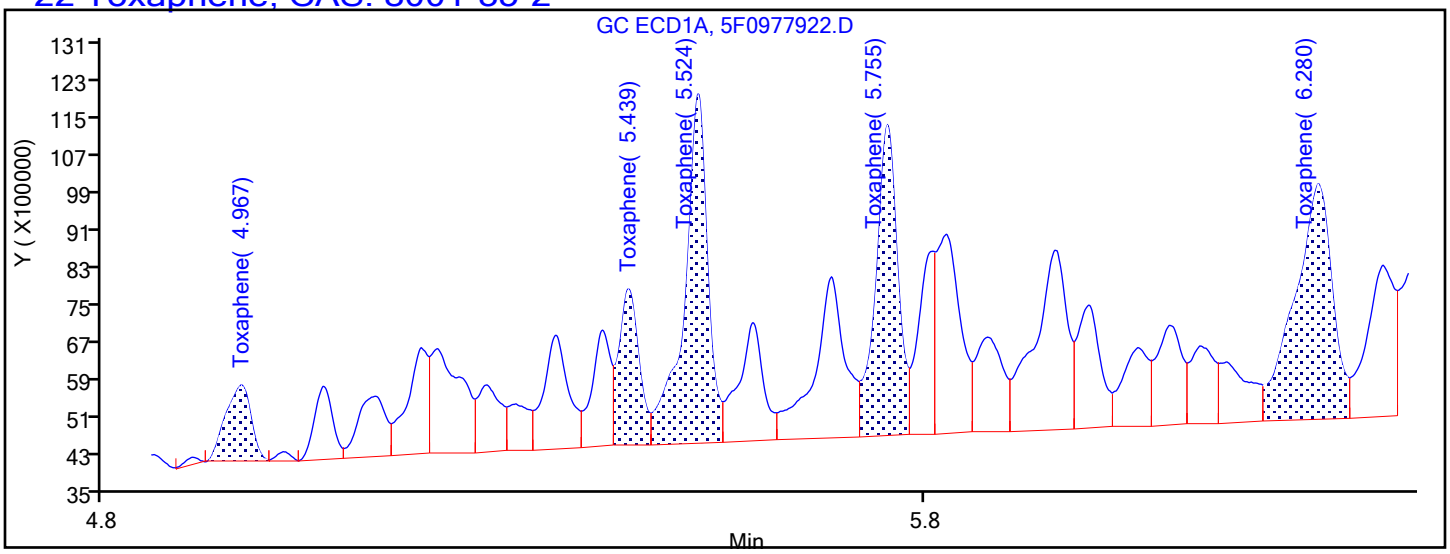

2/14/2025
12:32:58 PM

Report Date: 07-Feb-2025 07:47:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

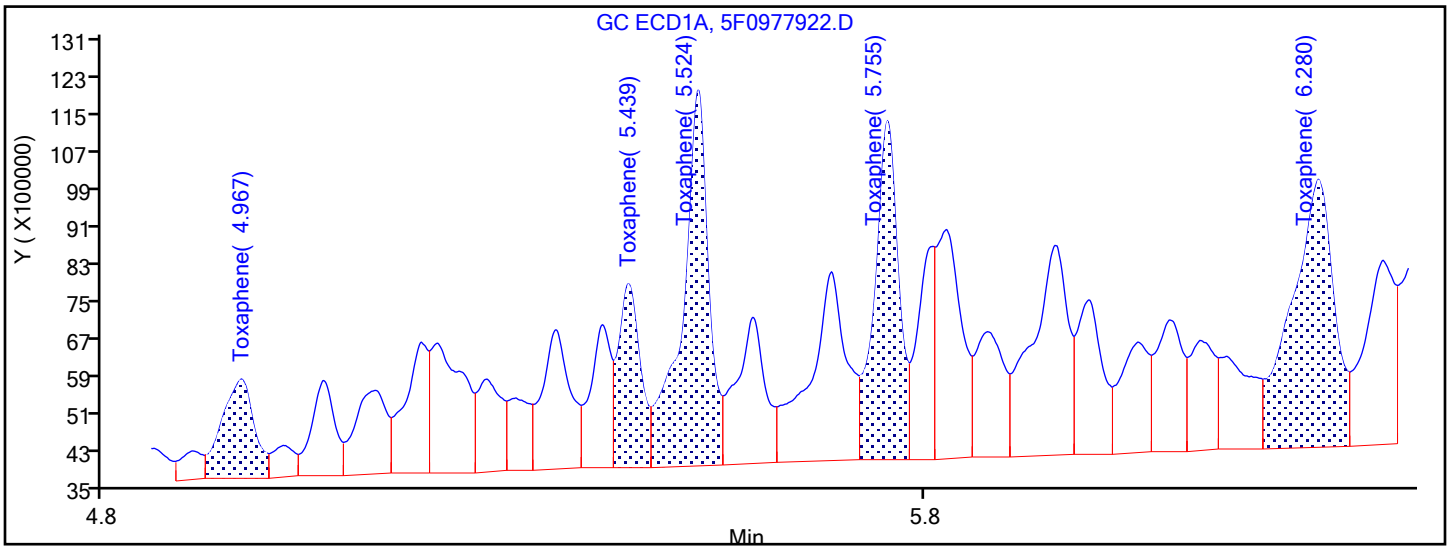
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977922.D
Injection Date: 07-Feb-2025 03:10:32 Instrument ID: CPESTGC5
Lims ID: CCV TOX
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 22 Toxaphene, CAS: 8001-35-2




Processing Integration Results

| | |
|---|---|
| 4.967 | Response = 3484611 |
| 5.439 | Response = 5780801 |
| 5.524 | Response = 14829252 |
| 5.755 | Response = 12446975 |
| 6.280 | Response = 16191616 |




Manual Integration Results

| | | |
|---|---|---|
| 4.967 | Response = 5869566 | M |
| 5.439 | Response = 7408163 | M |
| 5.524 | Response = 17970224 | M |
| 5.755 | Response = 14808894 | M |
| 6.280 | Response = 20757717 | M |

Reviewer: ESS0, 07-Feb-2025 03:23:40 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/5 Calibration Date: 02/07/2025 03:10

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 12:37

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 13:29

Lab File ID: 5F0977922.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Toxaphene Peak 1 | Ave | 0.0372 | 0.0345 | | 929 | 1000 | -7.1 | 20.0 |
| Toxaphene Peak 2 | Ave | 0.0406 | 0.0381 | | 938 | 1000 | -6.2 | 20.0 |
| Toxaphene Peak 3 | Ave | 0.0548 | 0.0508 | | 927 | 1000 | -7.3 | 20.0 |
| Toxaphene Peak 4 | Ave | 0.0786 | 0.0711 | | 905 | 1000 | -9.5 | 20.0 |
| Toxaphene Peak 5 | Ave | 0.0703 | 0.0631 | | 898 | 1000 | -10.2 | 20.0 |

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCV 460-1020038/5 Calibration Date: 02/07/2025 03:10

Instrument ID: CPESTGC5 Calib Start Date: 01/21/2025 12:37

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/21/2025 13:29

Lab File ID: 5F0977922.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| Toxaphene Peak 1 | 4.97 | 4.96 | 4.98 |
| Toxaphene Peak 2 | 5.07 | 5.06 | 5.08 |
| Toxaphene Peak 3 | 5.26 | 5.25 | 5.27 |
| Toxaphene Peak 4 | 5.43 | 5.42 | 5.44 |
| Toxaphene Peak 5 | 5.60 | 5.59 | 5.61 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977922.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 07-Feb-2025 03:10:32 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:24:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.510 | 1.510 | 0.000 | 33763447 | 100.0 | 100.0 | |
| 2 | 1.612 | 1.612 | 0.000 | 61781707 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| 22 Toxaphene | | | | | | | M |
| 1 | 4.967 | 4.967 | 0.000 | 5869566 | 1000.0 | 883.0 | M |
| 1 | 5.439 | 5.439 | 0.000 | 7408163 | 1000.0 | 910.8 | M |
| 1 | 5.524 | 5.524 | 0.000 | 17970224 | 1000.0 | 903.1 | M |
| 1 | 5.755 | 5.755 | 0.000 | 14808894 | 1000.0 | 922.2 | M |
| 1 | 6.280 | 6.280 | 0.000 | 20757717 | 1000.0 | 988.7 | M |
| | | Average of Peak Amounts = | | | | 921.6 | |
| 2 | 4.965 | 4.965 | 0.000 | 21339809 | 1000.0 | 928.8 | |
| 2 | 5.074 | 5.074 | 0.000 | 23546908 | 1000.0 | 937.7 | |
| 2 | 5.263 | 5.263 | 0.000 | 31355389 | 1000.0 | 926.7 | |
| 2 | 5.425 | 5.425 | 0.000 | 43909984 | 1000.0 | 904.6 | |
| 2 | 5.602 | 5.602 | 0.000 | 38999042 | 1000.0 | 898.3 | |
| | | Average of Peak Amounts = | | | | 919.2 | |
| | | | | | | RPD = 0.26 | |

## QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

## Reagents:

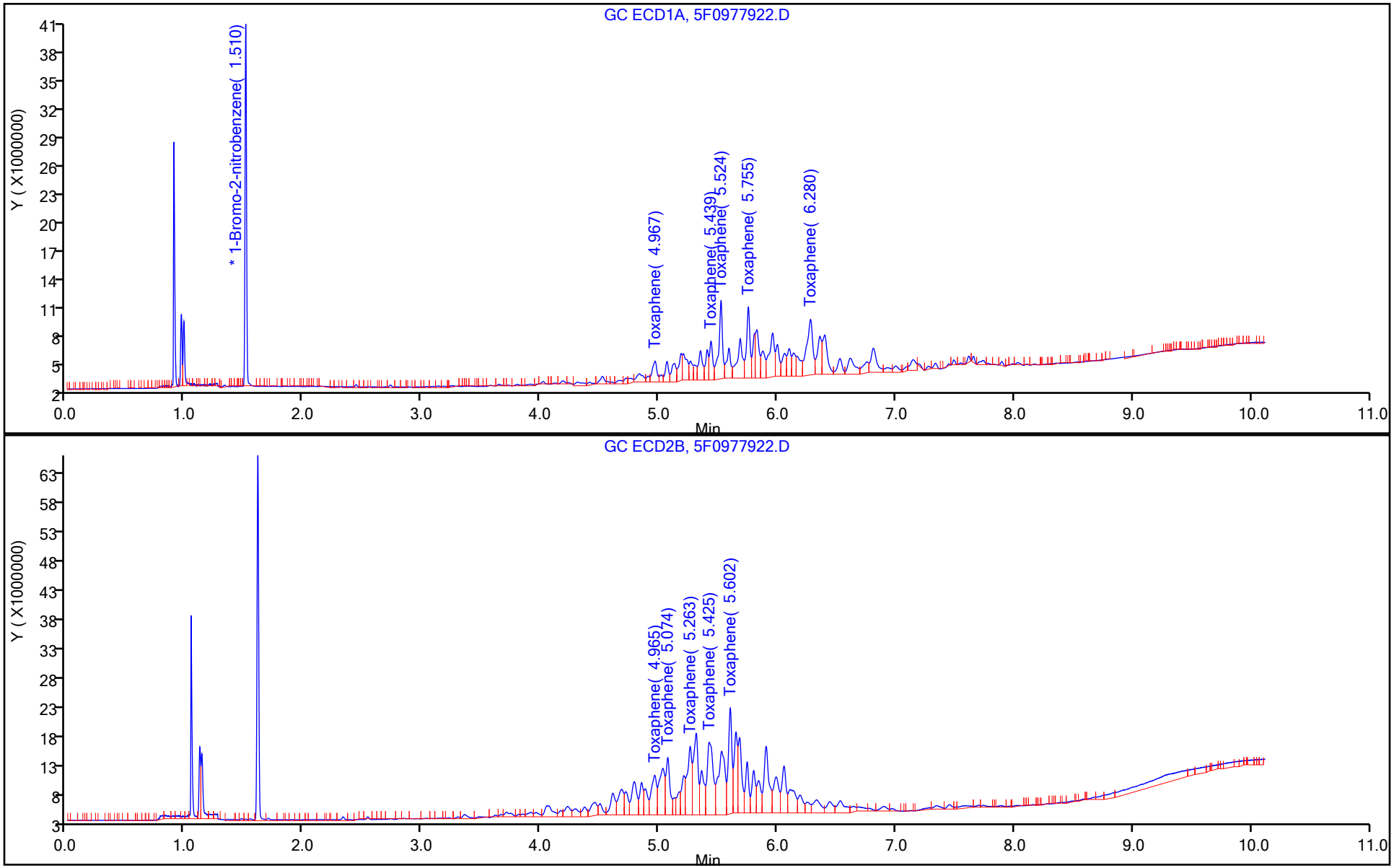
SGTOXAPHENEL4_00013 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977922.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:10:32 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | CCV TOX | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1019984/1-A

Matrix: Solid | Lab File ID: 5F0977925.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.0067* | *U* | *0.0067* | *0.0011* |
| *72-55-9* | *4,4'-DDE* | *0.0067* | *U* | *0.0067* | *0.00079* |
| *50-29-3* | *4,4'-DDT* | *0.0067* | *U* | *0.0067* | *0.0012* |
| *309-00-2* | *Aldrin* | *0.0067* | *U* | *0.0067* | *0.0010* |
| *319-84-6* | *alpha-BHC* | *0.0020* | *U* | *0.0020* | *0.00068* |
| *319-85-7* | *beta-BHC* | *0.0020* | *U* | *0.0020* | *0.00075* |
| *12789-03-6* | *Chlordane (technical)* | *0.067* | *U* | *0.067* | *0.016* |
| *319-86-8* | *delta-BHC* | *0.0020* | *U* | *0.0020* | *0.00041* |
| *60-57-1* | *Dieldrin* | *0.0020* | *U* | *0.0020* | *0.00087* |
| *959-98-8* | *Endosulfan I* | *0.0067* | *U* | *0.0067* | *0.0010* |
| *33213-65-9* | *Endosulfan II* | *0.0067* | *U* | *0.0067* | *0.0017* |
| *1031-07-8* | *Endosulfan sulfate* | *0.0067* | *U* | *0.0067* | *0.00084* |
| *72-20-8* | *Endrin* | *0.0067* | *U* | *0.0067* | *0.00096* |
| *7421-93-4* | *Endrin aldehyde* | *0.0067* | *U* | *0.0067* | *0.0016* |
| *53494-70-5* | *Endrin ketone* | *0.0067* | *U* | *0.0067* | *0.0013* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.0020* | *U* | *0.0020* | *0.00062* |
| *76-44-8* | *Heptachlor* | *0.0067* | *U* | *0.0067* | *0.00079* |
| *1024-57-3* | *Heptachlor epoxide* | *0.0067* | *U* | *0.0067* | *0.0010* |
| *72-43-5* | *Methoxychlor* | *0.0067* | *U* | *0.0067* | *0.0015* |
| *8001-35-2* | *Toxaphene* | *0.067* | *U* | *0.067* | *0.024* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 86 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 80 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Lims ID: MB 460-1019984/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 03:49:34 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-008
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.510 | 0.001 | 28821824 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54878195 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.016 | 0.002 | 12359263 | 50.0 | 40.1 | |
| 2 | 2.000 | 1.996 | 0.004 | 27673812 | 50.0 | 41.6 | |
| | | | | | | RPD = 3.58 | |
| 33 2,4,5-Trichlorophenol | | | | | | | |
| 1 | 2.268 | 2.268 | 0.000 | 193643 | | 51.2 | |
| 2 | 2.231 | 2.232 | -0.001 | 395350 | | 36.4 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 20277800 | 50.0 | 43.2 | |
| 2 | 7.312 | 7.308 | 0.004 | 38962482 | 50.0 | 48.2 | |
| | | | | | | RPD = 10.89 | |

## Reagents:

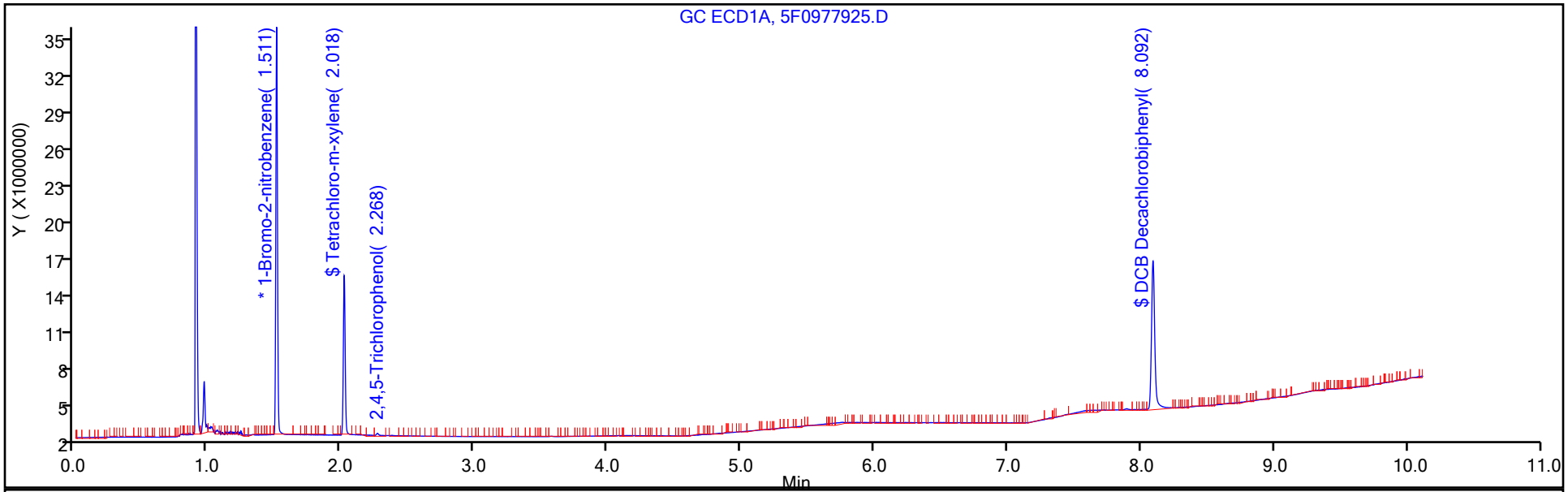
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

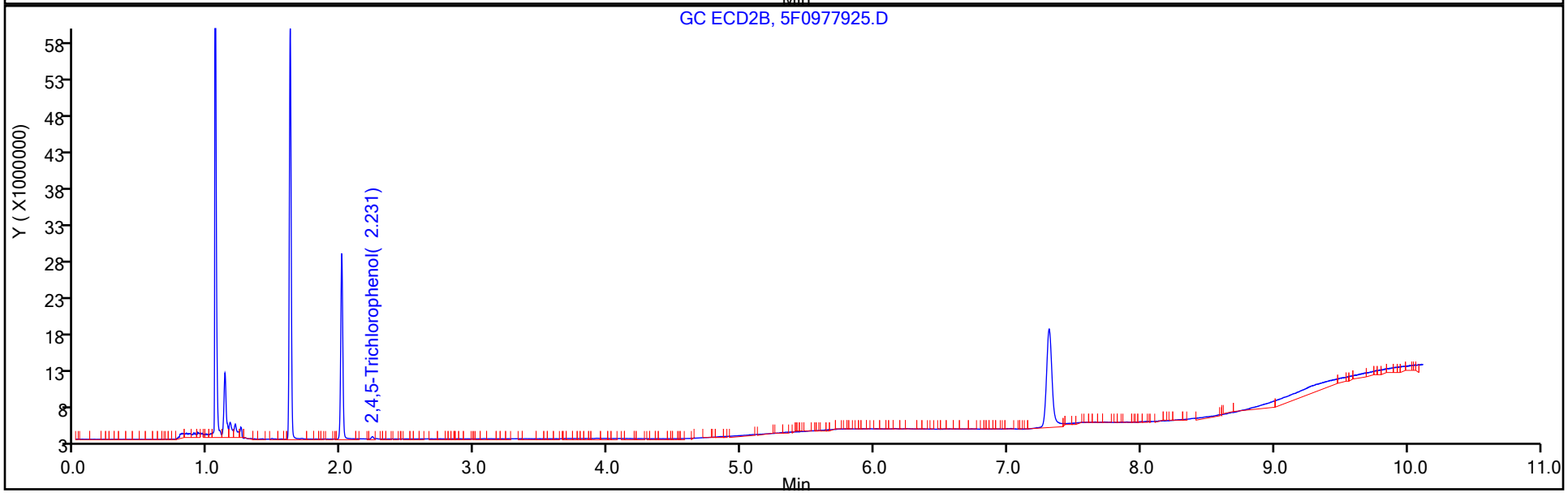
Report Date: 07-Feb-2025 07:47:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:49:34 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | MB 460-1019984/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Lims ID: MB 460-1019984/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 03:49:34 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-008
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:48

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 40.1 | 80.19 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 43.2 | 86.46 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 41.6 | 83.11 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 48.2 | 96.42 |

User Disabled Compound Report

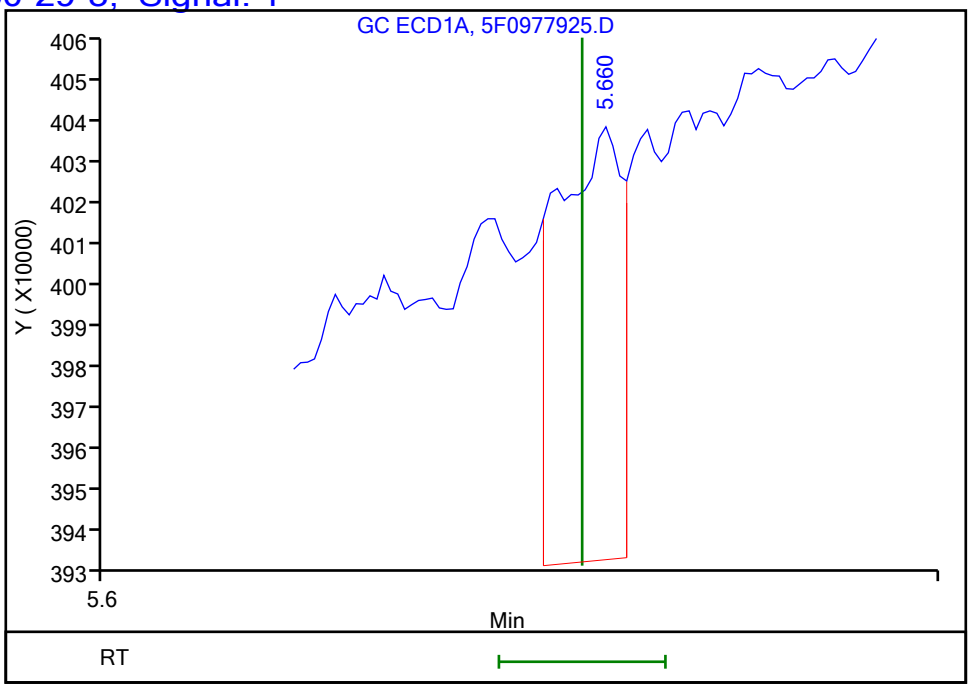
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

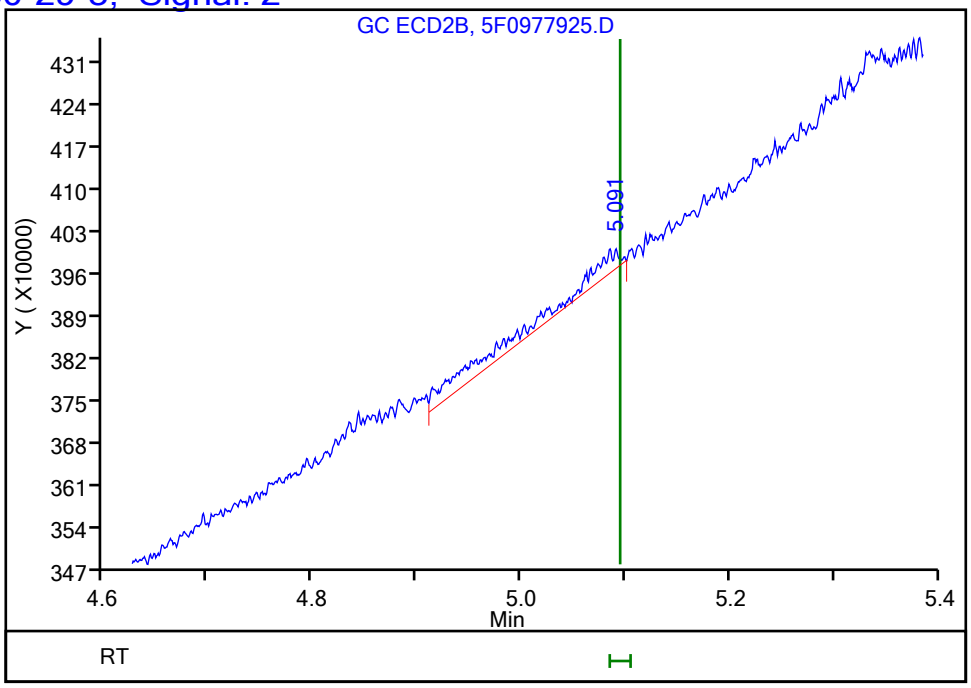
RT: 5.66
Response: 52441
Amount: 0.167212




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 5.09
Response: 224194
Amount: 0.321362




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

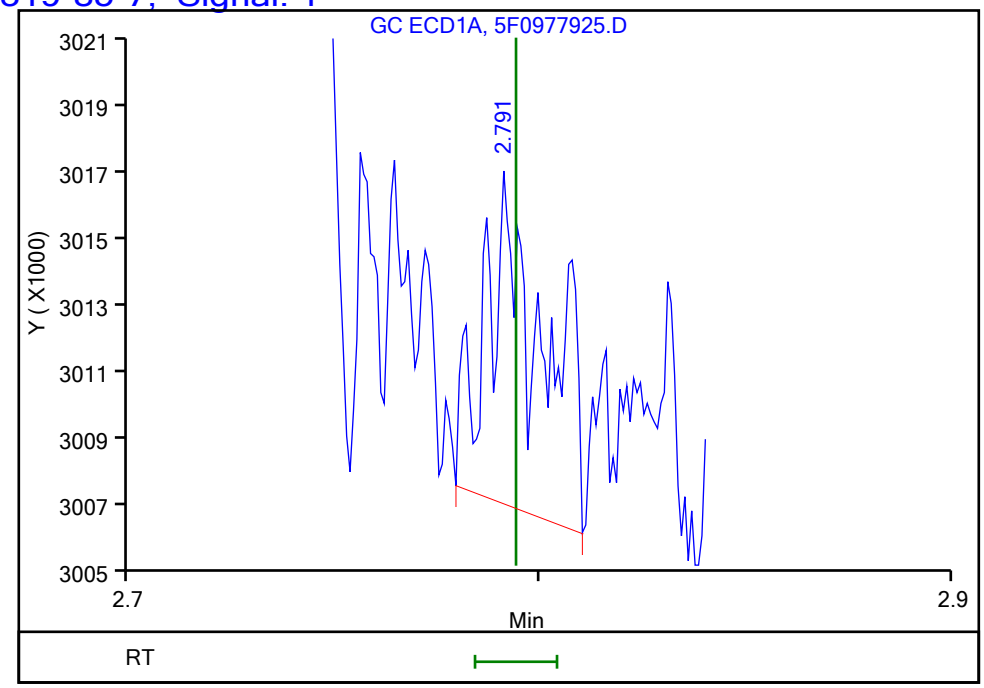
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

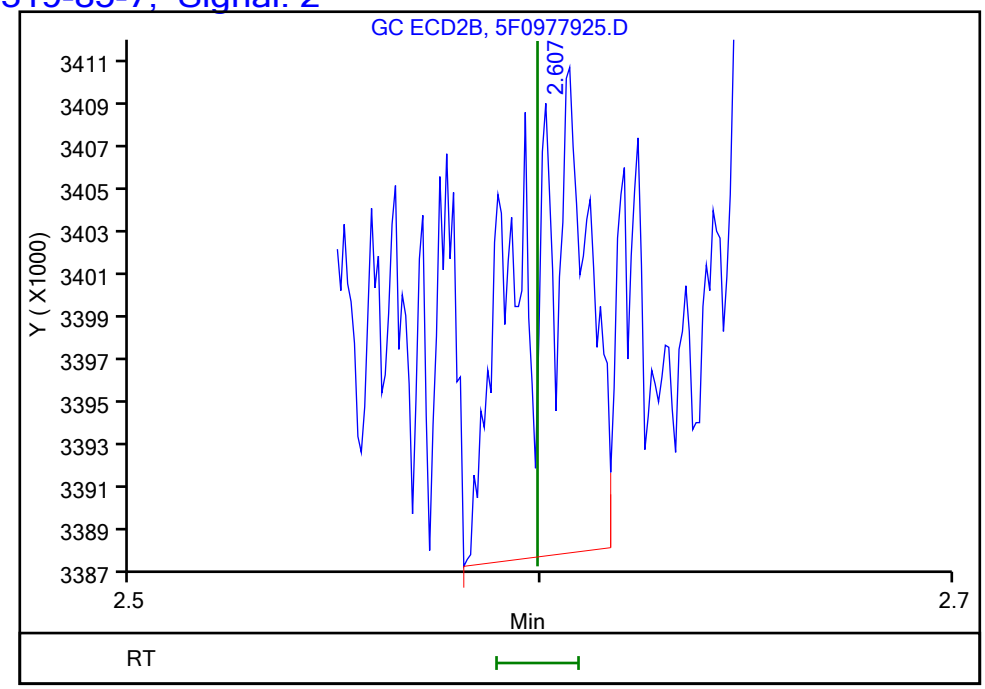
RT: 2.79
Response: 9625
Amount: 0.049865




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.61
Response: 25559
Amount: 0.063097




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

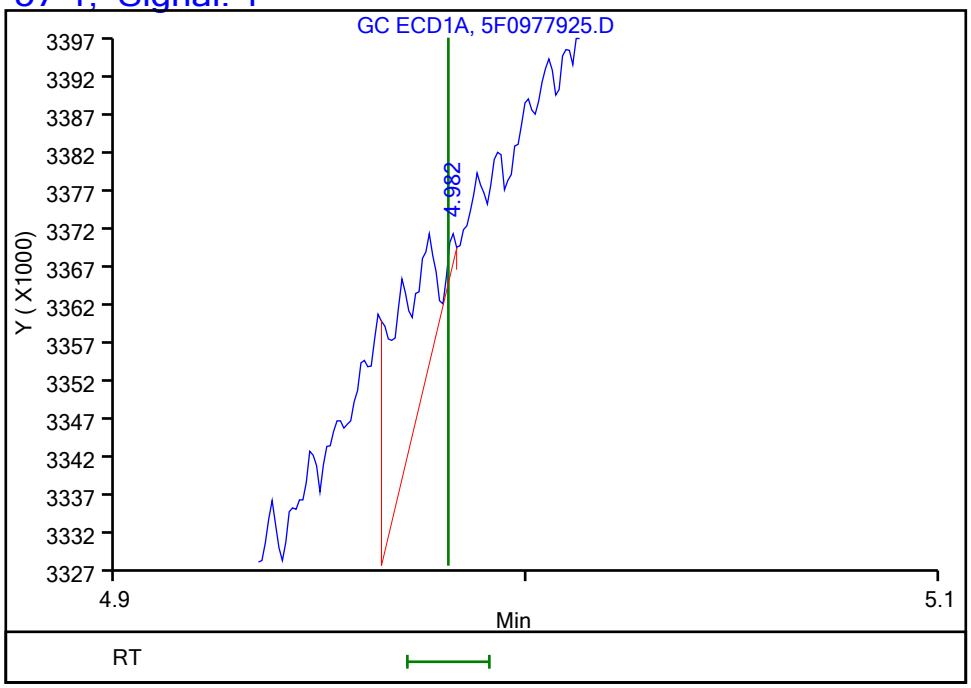
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

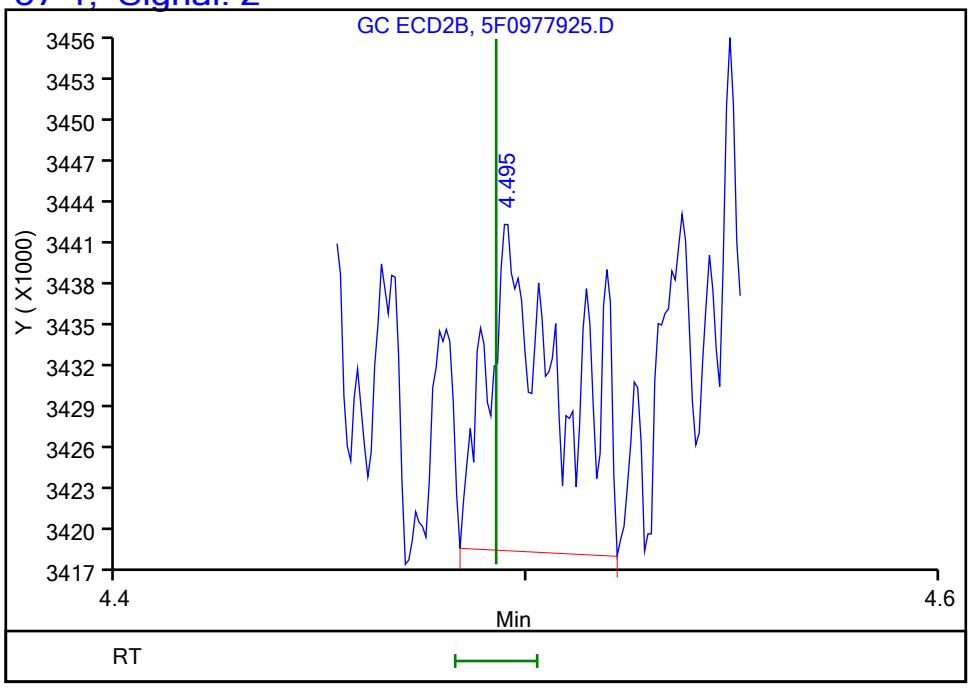
RT: 4.98
Response: 17132
Amount: 0.040297




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.50
Response: 30203
Amount: 0.034088




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

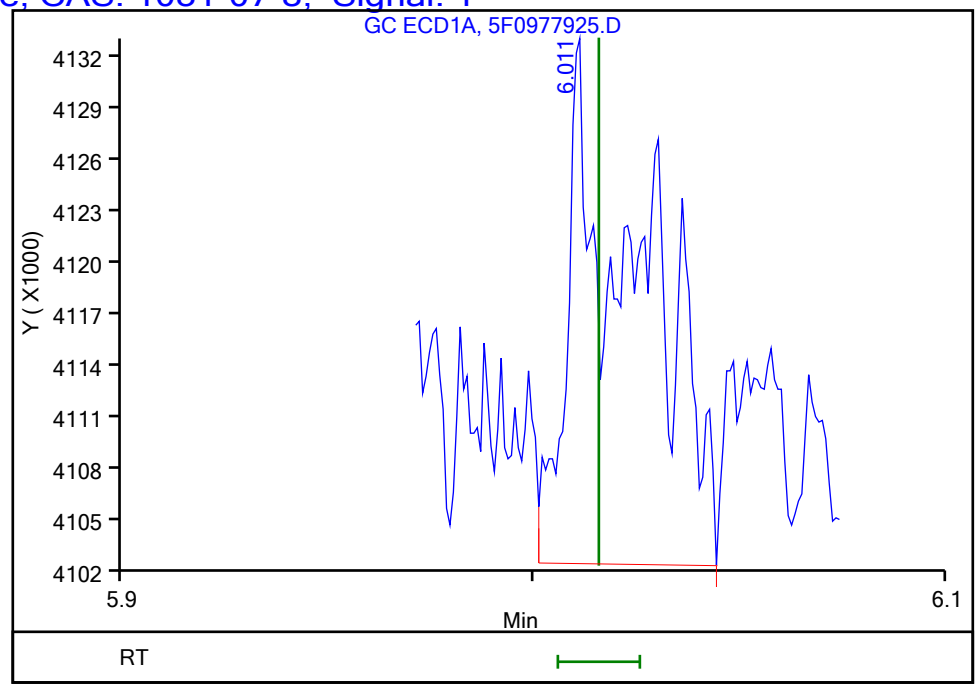
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.01
Response: 37014
Amount: 0.089779




Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.70
Response: 139485
Amount: 0.184694

Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

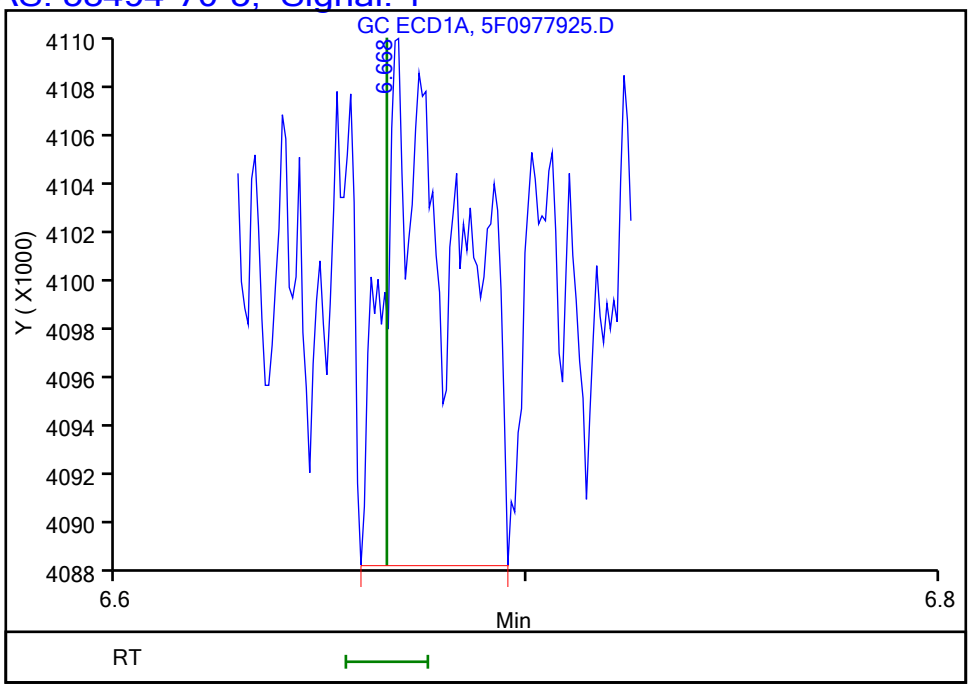
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

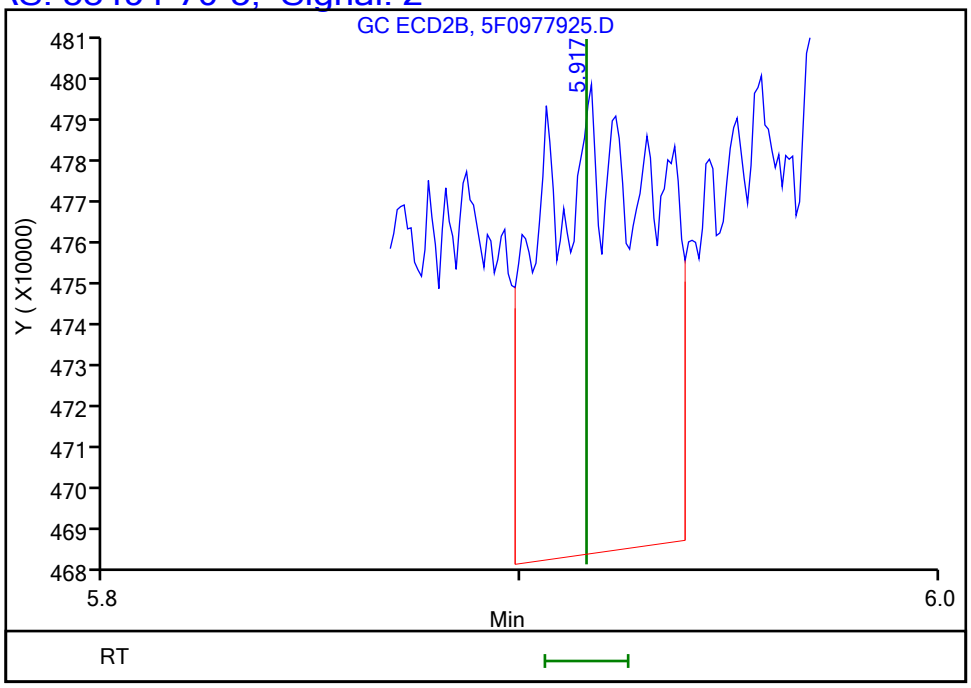
RT: 6.67
Response: 27078
Amount: 0.057713




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.92
Response: 190857
Amount: 0.227671




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

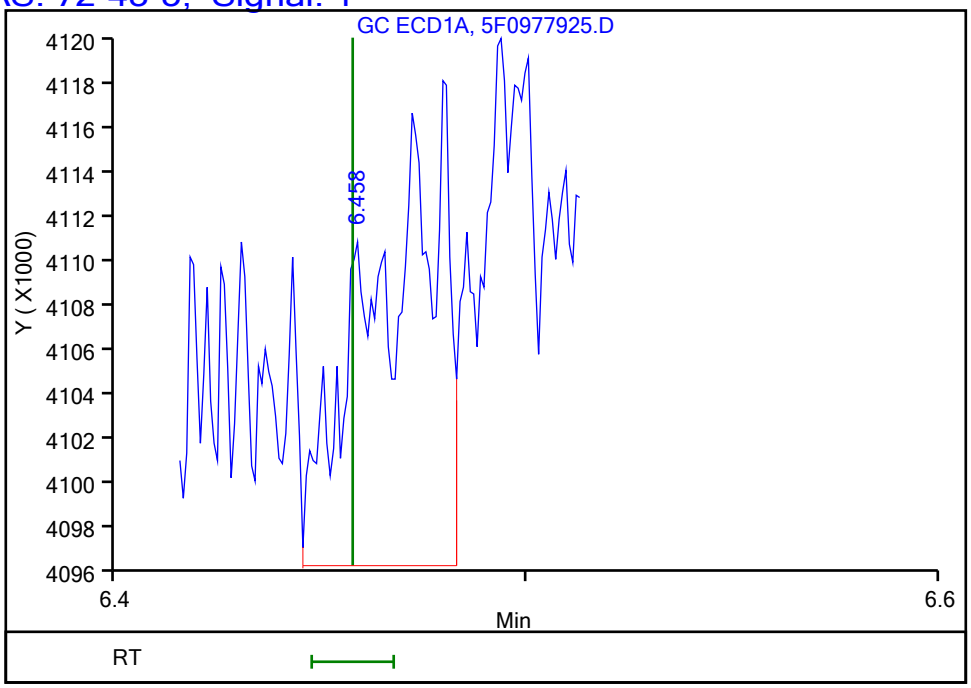
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

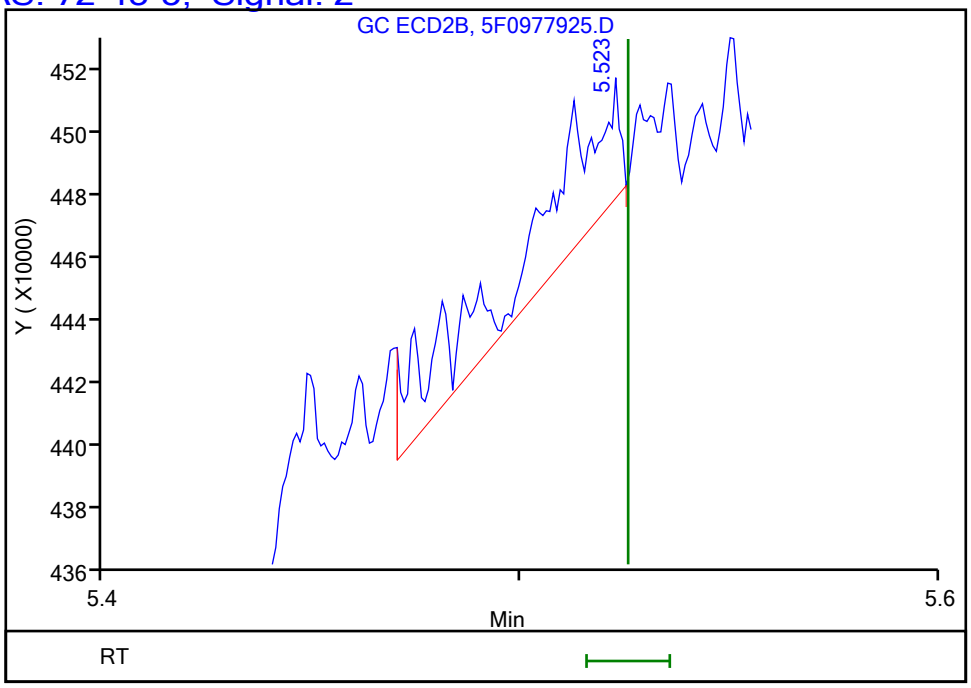
RT: 6.46
Response: 23762
Amount: 0.157034




Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.52
Response: 65353
Amount: 0.178439




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1019984/1-A

Matrix: Solid | Lab File ID: 5F0977925.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:49

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.0067 | U | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.0067 | U | 0.0067 | 0.00079 |
| 50-29-3 | 4,4'-DDT | 0.0067 | U | 0.0067 | 0.0012 |
| 309-00-2 | Aldrin | 0.0067 | U | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.0020 | U | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.0020 | U | 0.0020 | 0.00075 |
| 12789-03-6 | Chlordane (technical) | 0.067 | U | 0.067 | 0.016 |
| 319-86-8 | delta-BHC | 0.0020 | U | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.0020 | U | 0.0020 | 0.00087 |
| 959-98-8 | Endosulfan I | 0.0067 | U | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.0067 | U | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.0067 | U | 0.0067 | 0.00084 |
| 72-20-8 | Endrin | 0.0067 | U | 0.0067 | 0.00096 |
| 7421-93-4 | Endrin aldehyde | 0.0067 | U | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.0067 | U | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.0020 | U | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.0067 | U | 0.0067 | 0.00079 |
| 1024-57-3 | Heptachlor epoxide | 0.0067 | U | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.0067 | U | 0.0067 | 0.0015 |
| 8001-35-2 | Toxaphene | 0.067 | U | 0.067 | 0.024 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 96 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 83 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Lims ID: MB 460-1019984/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 03:49:34 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-008
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.510 | 0.001 | 28821824 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 54878195 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.016 | 0.002 | 12359263 | 50.0 | 40.1 | |
| 2 | 2.000 | 1.996 | 0.004 | 27673812 | 50.0 | 41.6 | |
| | | | | | | RPD = 3.58 | |
| 33 2,4,5-Trichlorophenol | | | | | | | |
| 1 | 2.268 | 2.268 | 0.000 | 193643 | | 51.2 | |
| 2 | 2.231 | 2.232 | -0.001 | 395350 | | 36.4 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 20277800 | 50.0 | 43.2 | |
| 2 | 7.312 | 7.308 | 0.004 | 38962482 | 50.0 | 48.2 | |
| | | | | | | RPD = 10.89 | |

## Reagents:

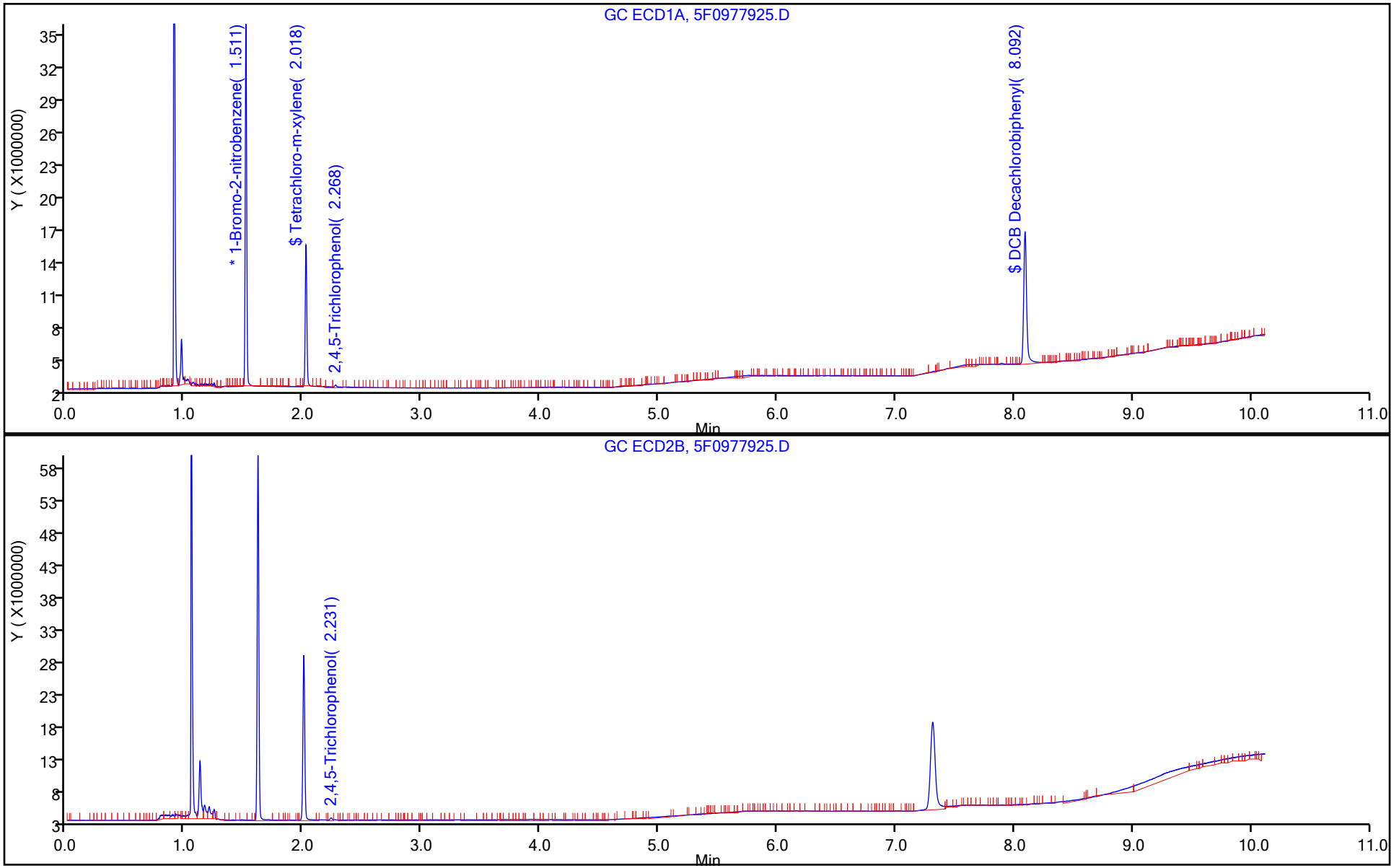
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:51 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:49:34 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | MB 460-1019984/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Lims ID: MB 460-1019984/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 03:49:34 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-008
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:48

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 40.1 | 80.19 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 43.2 | 86.46 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 41.6 | 83.11 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 48.2 | 96.42 |

User Disabled Compound Report

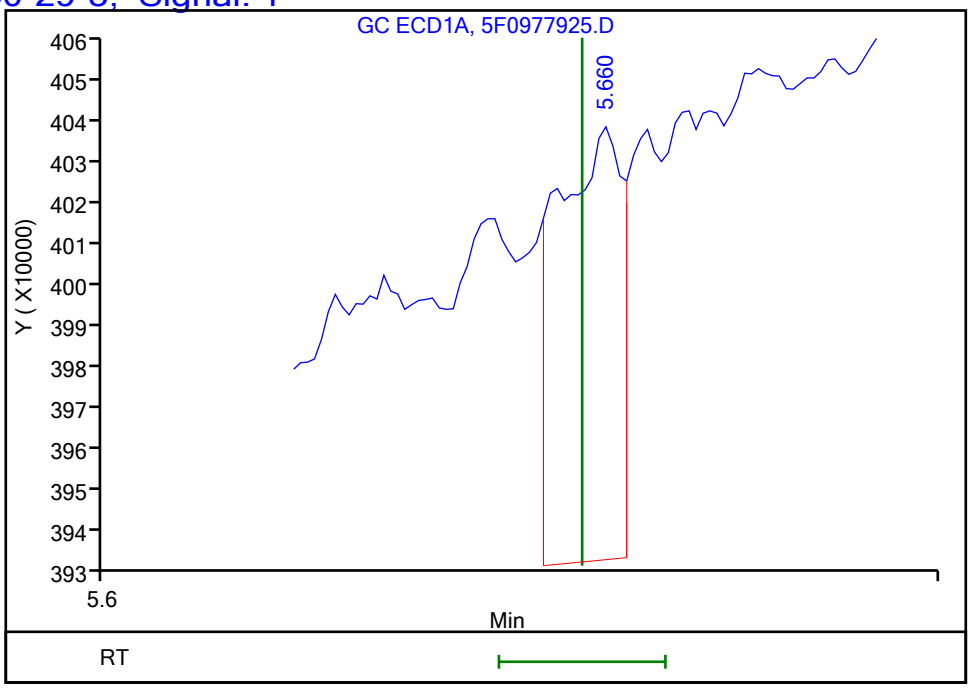
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

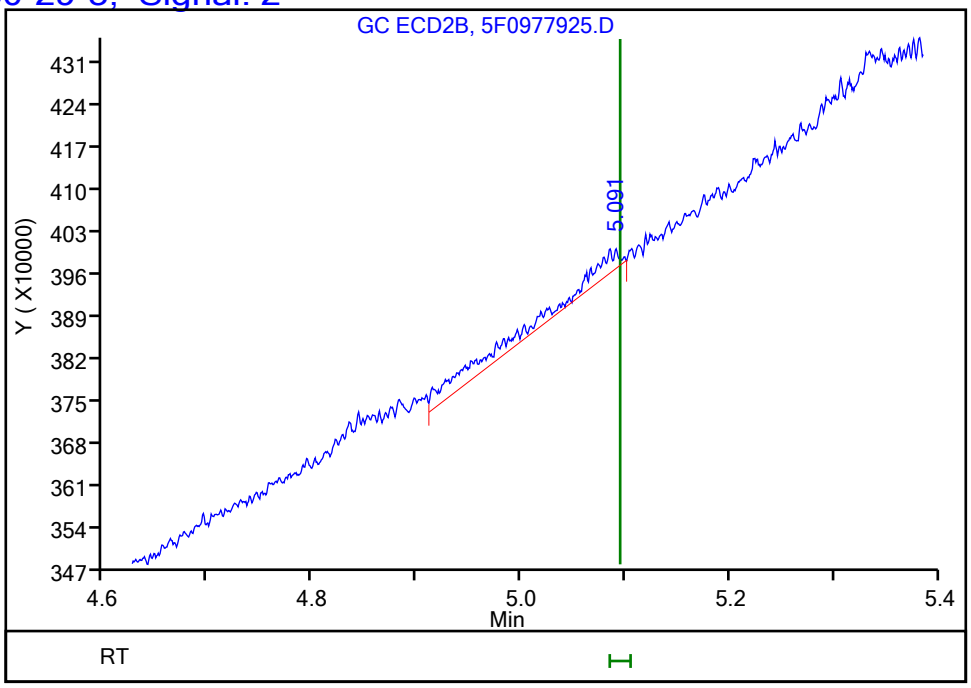
RT: 5.66
Response: 52441
Amount: 0.167212




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 5.09
Response: 224194
Amount: 0.321362




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

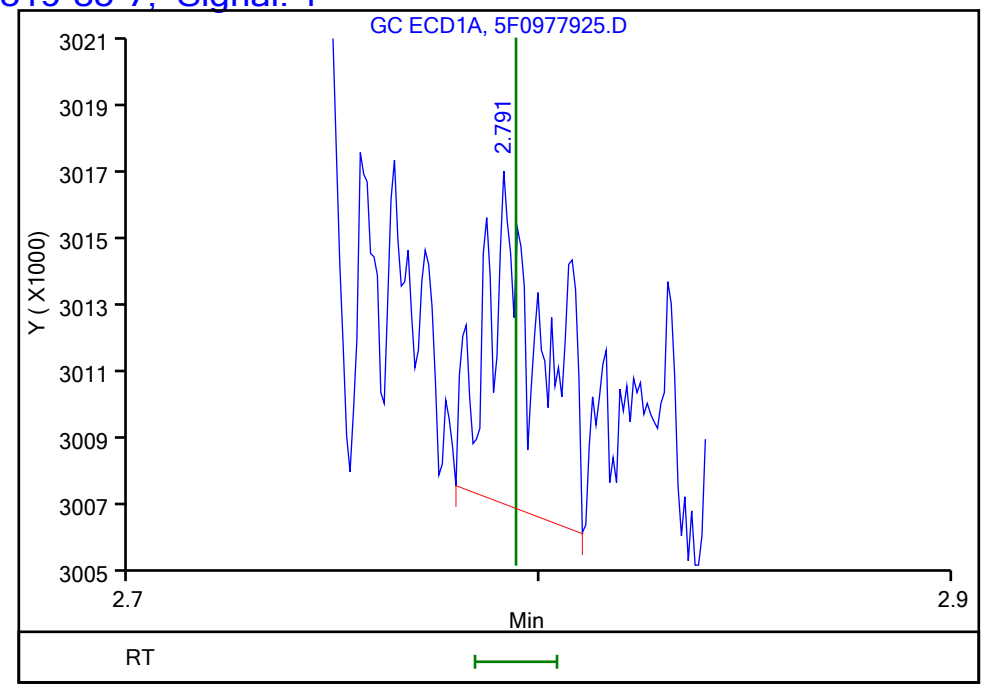
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

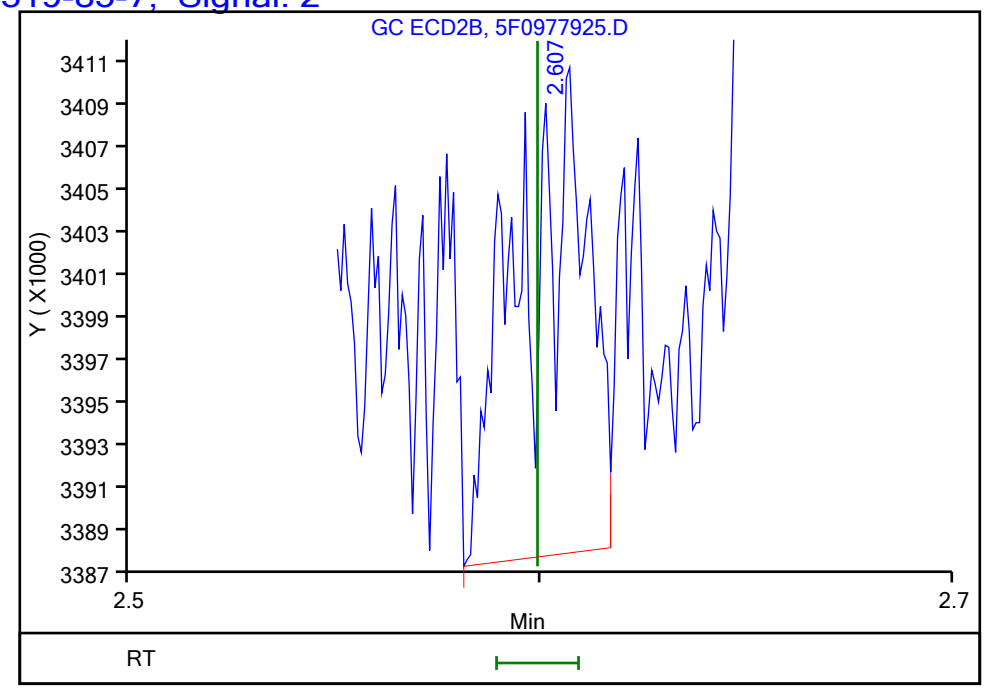
RT: 2.79
Response: 9625
Amount: 0.049865




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.61
Response: 25559
Amount: 0.063097




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

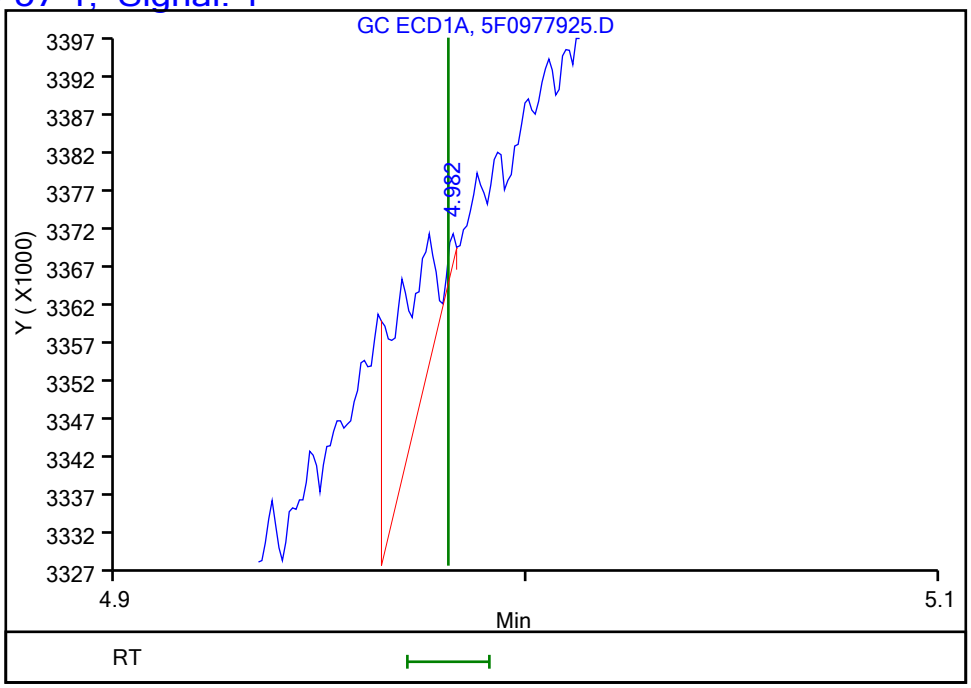
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

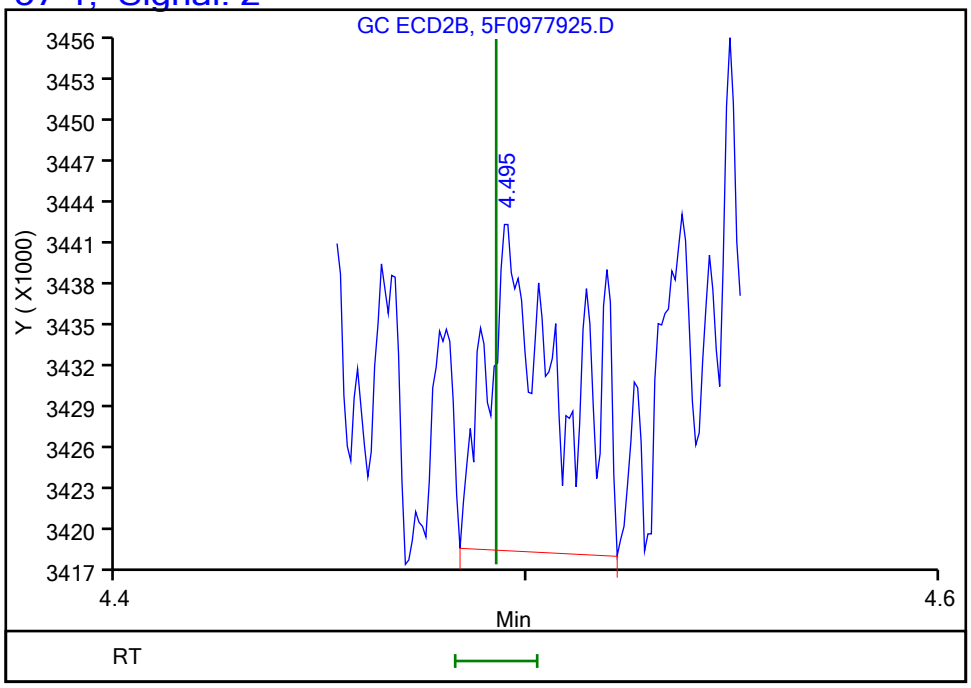
RT: 4.98
Response: 17132
Amount: 0.040297




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.50
Response: 30203
Amount: 0.034088




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

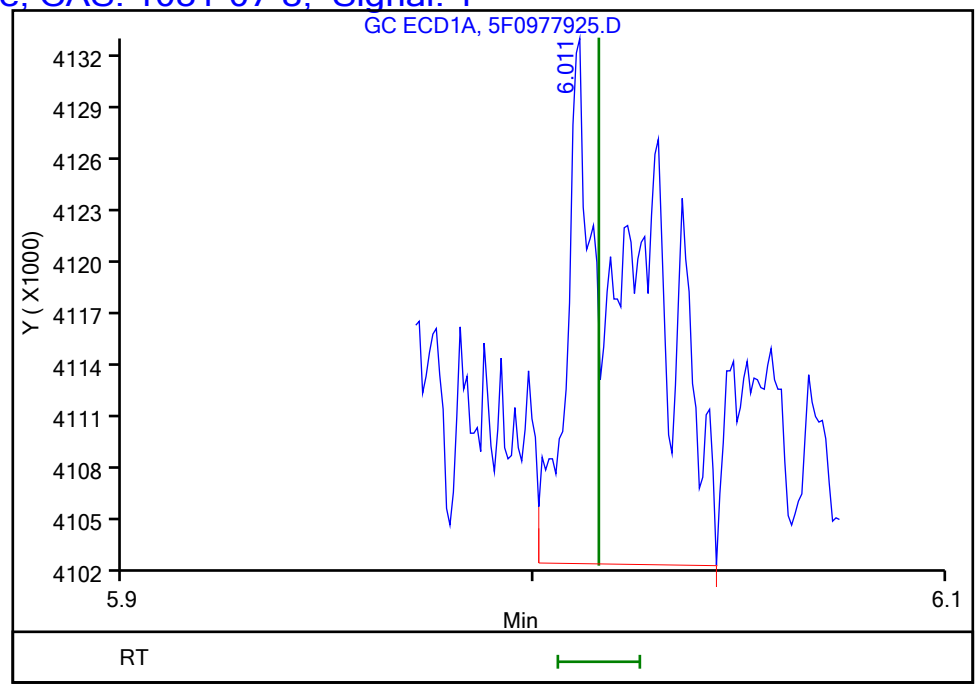
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

RT: 6.01
Response: 37014
Amount: 0.089779




Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.70
Response: 139485
Amount: 0.184694

Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

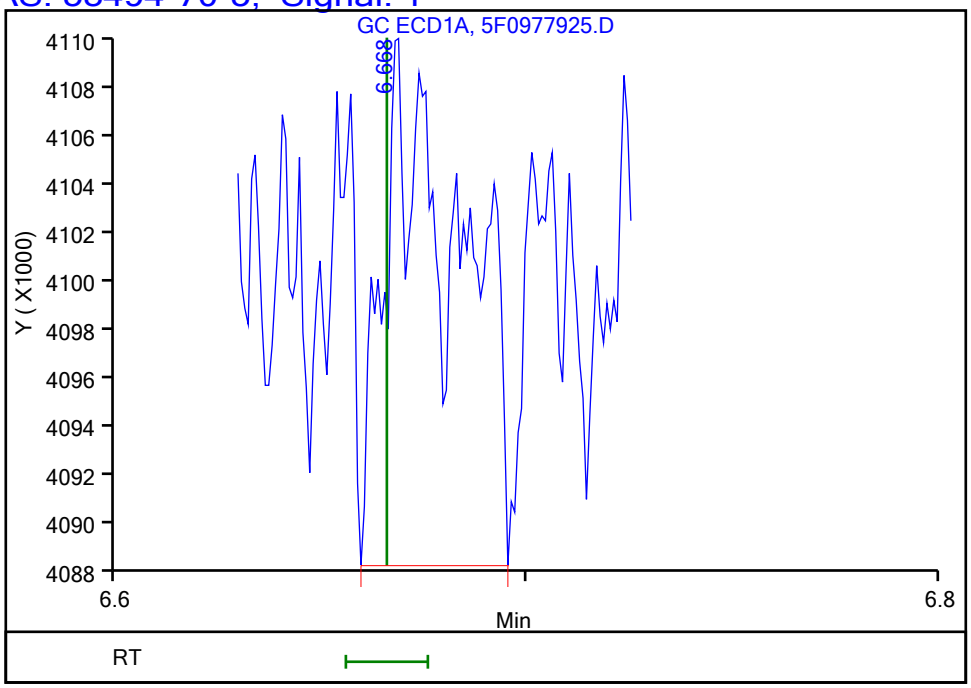
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

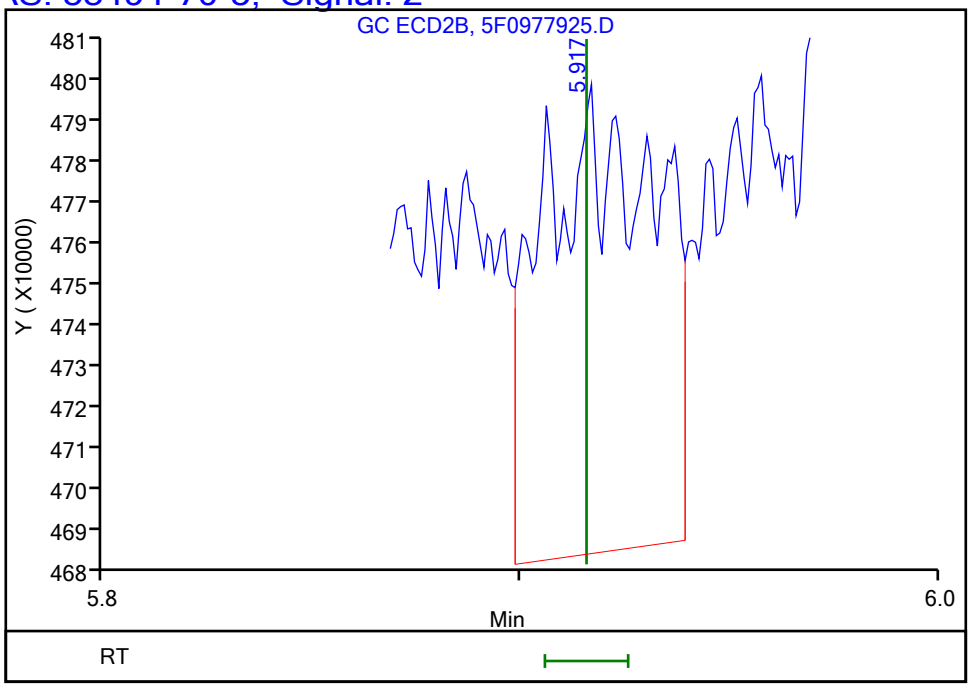
RT: 6.67
Response: 27078
Amount: 0.057713




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.92
Response: 190857
Amount: 0.227671




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

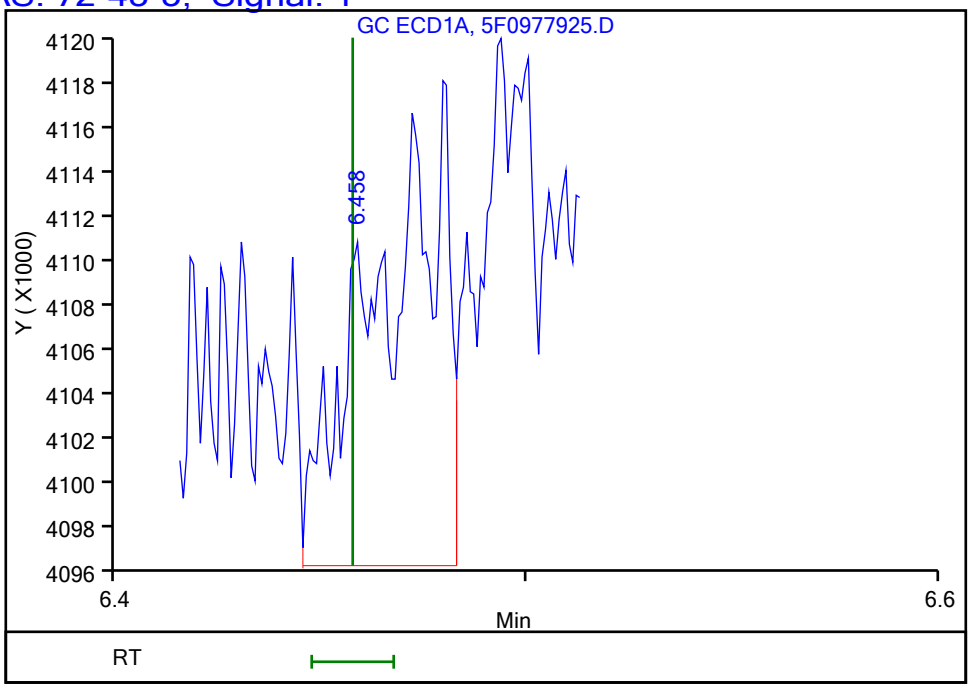
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977925.D
Injection Date: 07-Feb-2025 03:49:34 Instrument ID: CPESTGC5
Lims ID: MB 460-1019984/1-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

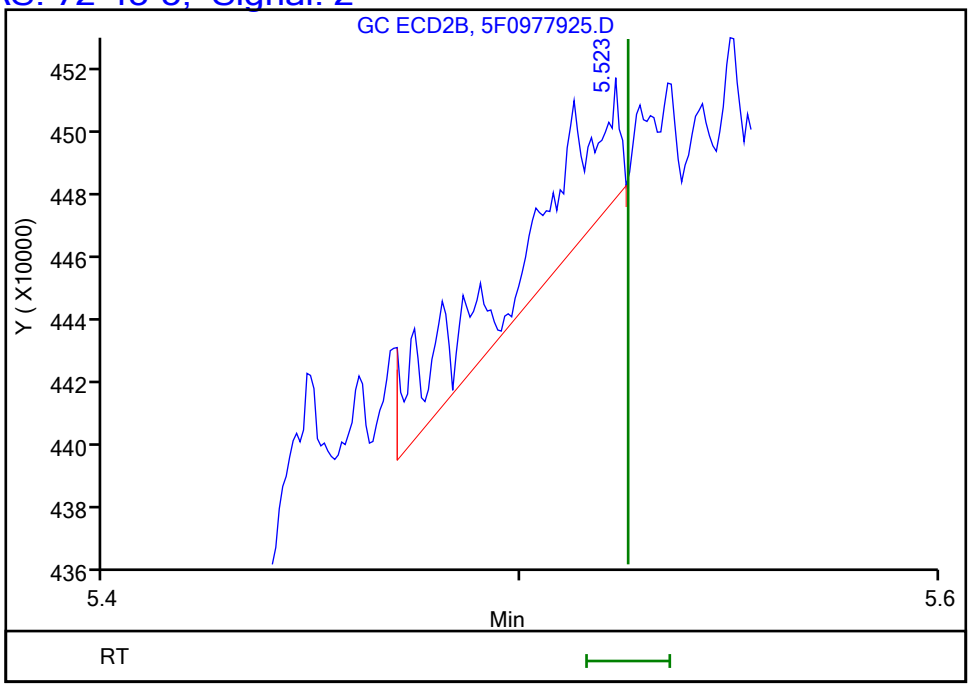
RT: 6.46
Response: 23762
Amount: 0.157034




Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.52
Response: 65353
Amount: 0.178439




Reviewer: ESS0, 07-Feb-2025 07:18:48
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020298/1-A

Matrix: Water | Lab File ID: 4F001972.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-55-9* | *4,4'-DDE* | *0.020* | *U* | *0.020* | *0.0020* |
| *50-29-3* | *4,4'-DDT* | *0.020* | *U* | *0.020* | *0.0040* |
| *309-00-2* | *Aldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *319-84-6* | *alpha-BHC* | *0.020* | *U* | *0.020* | *0.0070* |
| *319-85-7* | *beta-BHC* | *0.020* | *U* | *0.020* | *0.015* |
| *12789-03-6* | *Chlordane (technical)* | *0.20* | *U* | *0.20* | *0.055* |
| *319-86-8* | *delta-BHC* | *0.020* | *U* | *0.020* | *0.0050* |
| *60-57-1* | *Dieldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *959-98-8* | *Endosulfan I* | *0.020* | *U* | *0.020* | *0.0020* |
| *33213-65-9* | *Endosulfan II* | *0.020* | *U* | *0.020* | *0.0040* |
| *1031-07-8* | *Endosulfan sulfate* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-20-8* | *Endrin* | *0.020* | *U* | *0.020* | *0.0040* |
| *7421-93-4* | *Endrin aldehyde* | *0.020* | *U* | *0.020* | *0.0080* |
| *53494-70-5* | *Endrin ketone* | *0.020* | *U* | *0.020* | *0.0080* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.020* | *U* | *0.020* | *0.012* |
| *76-44-8* | *Heptachlor* | *0.020* | *U* | *0.020* | *0.0030* |
| *1024-57-3* | *Heptachlor epoxide* | *0.020* | *U* | *0.020* | *0.0050* |
| *72-43-5* | *Methoxychlor* | *0.020* | *U* | *0.020* | *0.0040* |
| *8001-35-2* | *Toxaphene* | *0.50* | *U* | *0.50* | *0.11* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 63 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 95 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Lims ID: MB 460-1020298/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:16:19 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-008
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:55

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.456 | 1.457 | -0.001 | 57567752 | 100.0 | 100.0 | |
| 2 | 1.418 | 1.419 | -0.001 | 134833455 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.957 | 1.954 | 0.003 | 60080988 | 100.0 | 94.7 | |
| 2 | 1.759 | 1.757 | 0.002 | 138023569 | 100.0 | 88.4 | |
| | | | | | | RPD = 6.94 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.206 | 8.202 | 0.004 | 42129472 | 100.0 | 63.5 | |
| 2 | 7.098 | 7.093 | 0.005 | 109461484 | 100.0 | 56.6 | |
| | | | | | | RPD = 11.52 | |

## QC Flag Legend
Processing Flags

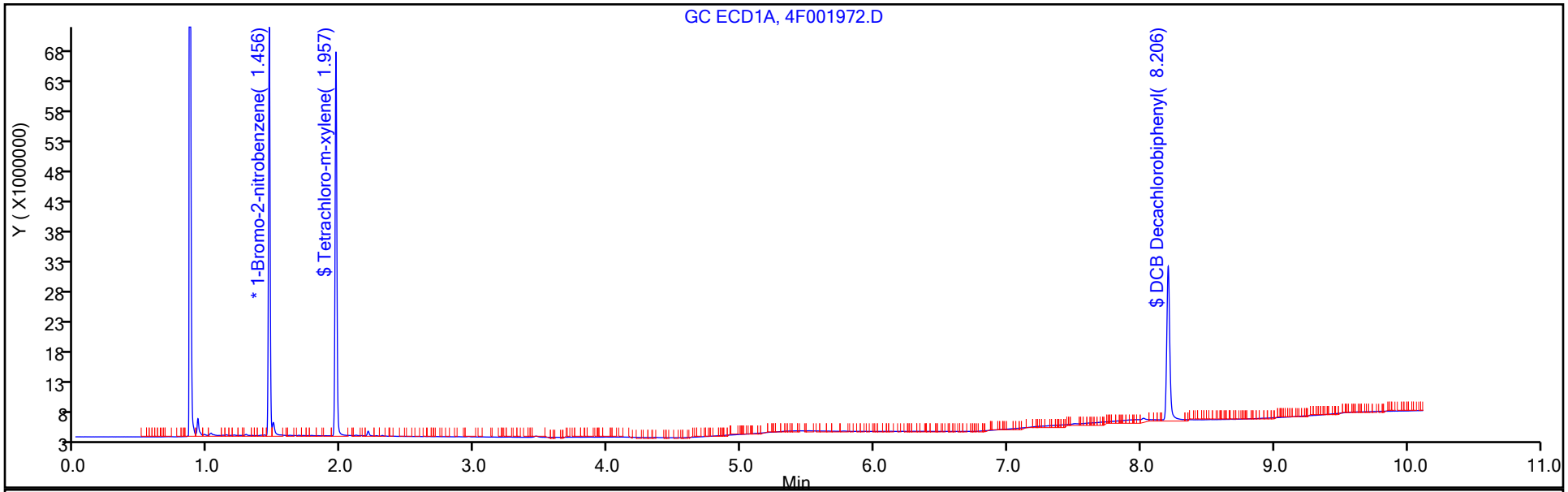
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

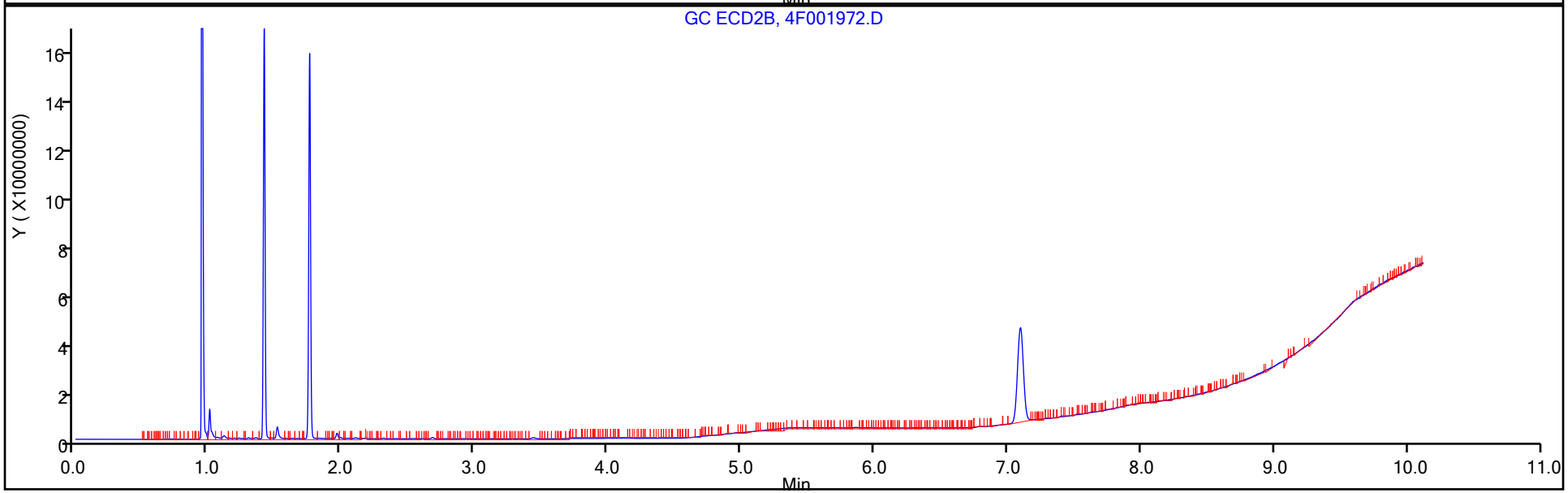
Report Date: 10-Feb-2025 14:26:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:16:19 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | MB 460-1020298/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 33 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Lims ID: MB 460-1020298/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:16:19 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-008
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:55

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 94.7 | 94.75 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 63.5 | 63.50 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 88.4 | 88.39 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.58 |

User Disabled Compound Report

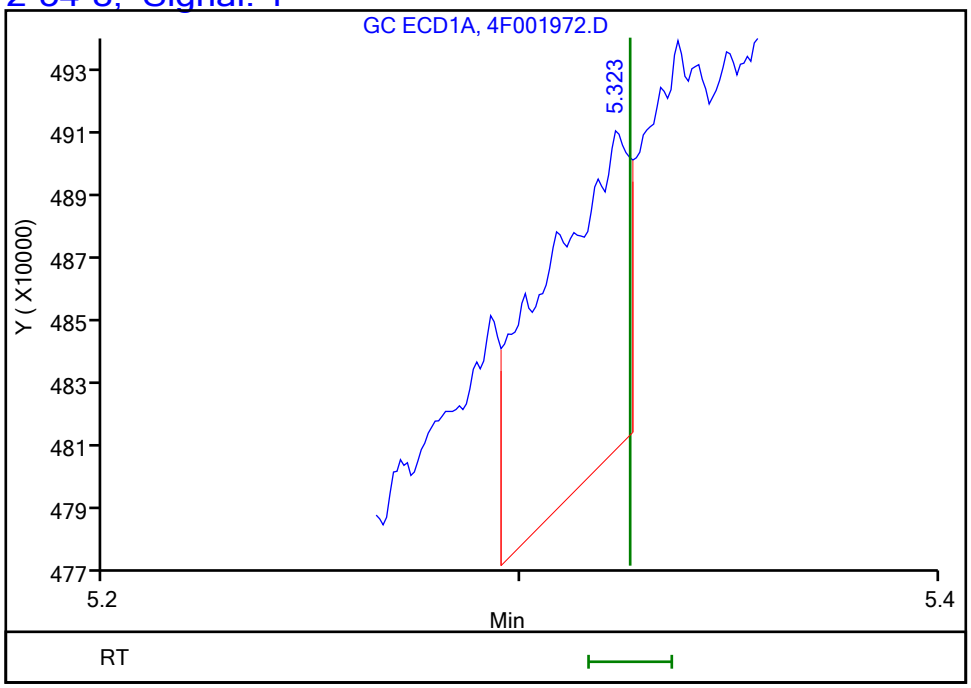
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

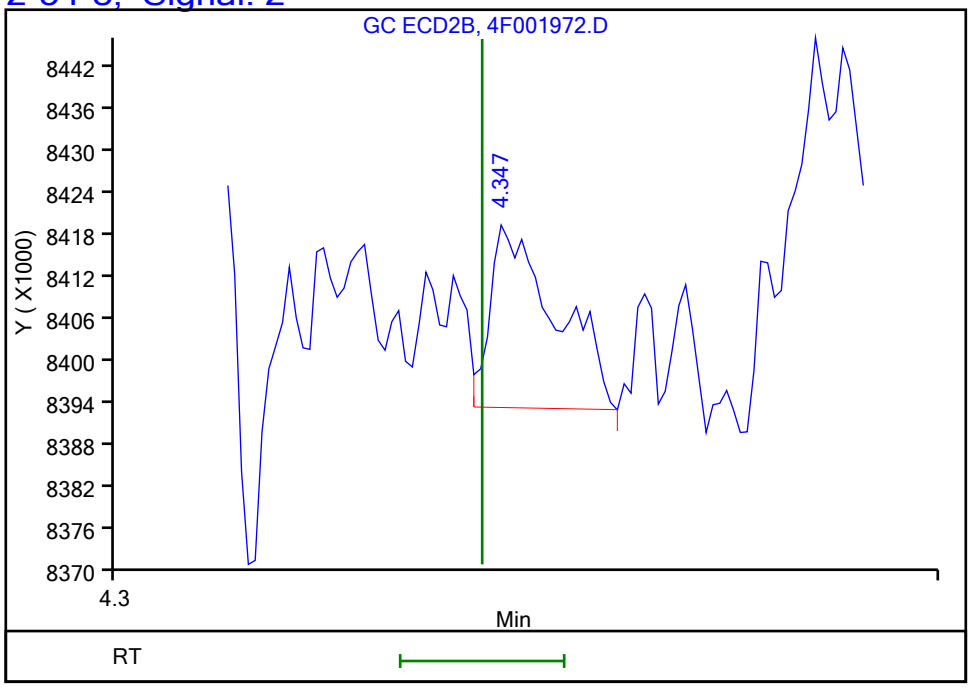
RT: 5.32
Response: 147703
Amount: 0.210985




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.35
Response: 14610
Amount: 0.008646




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

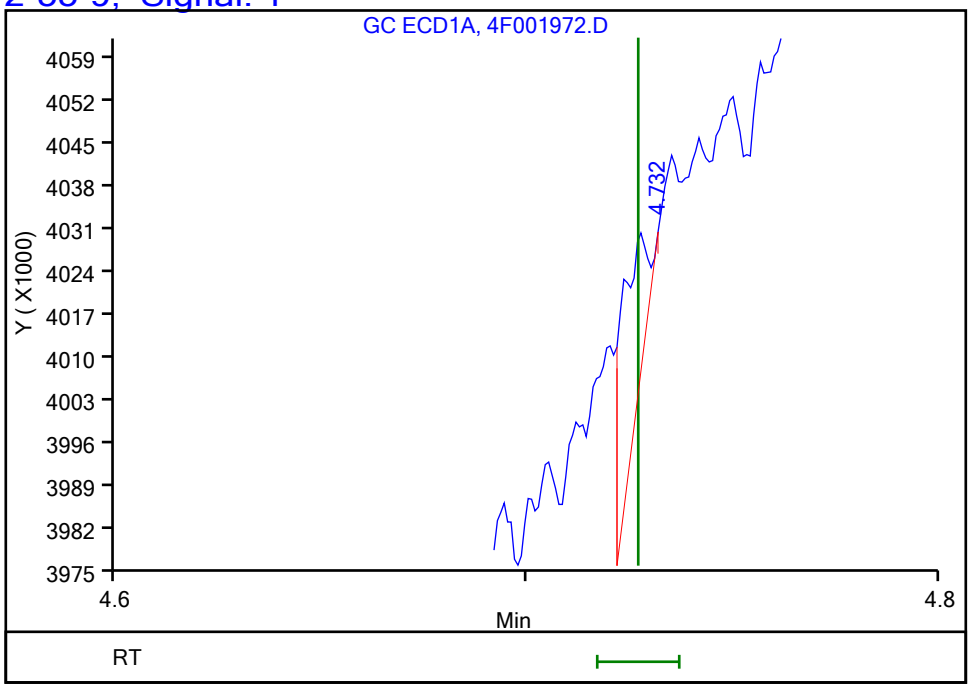
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

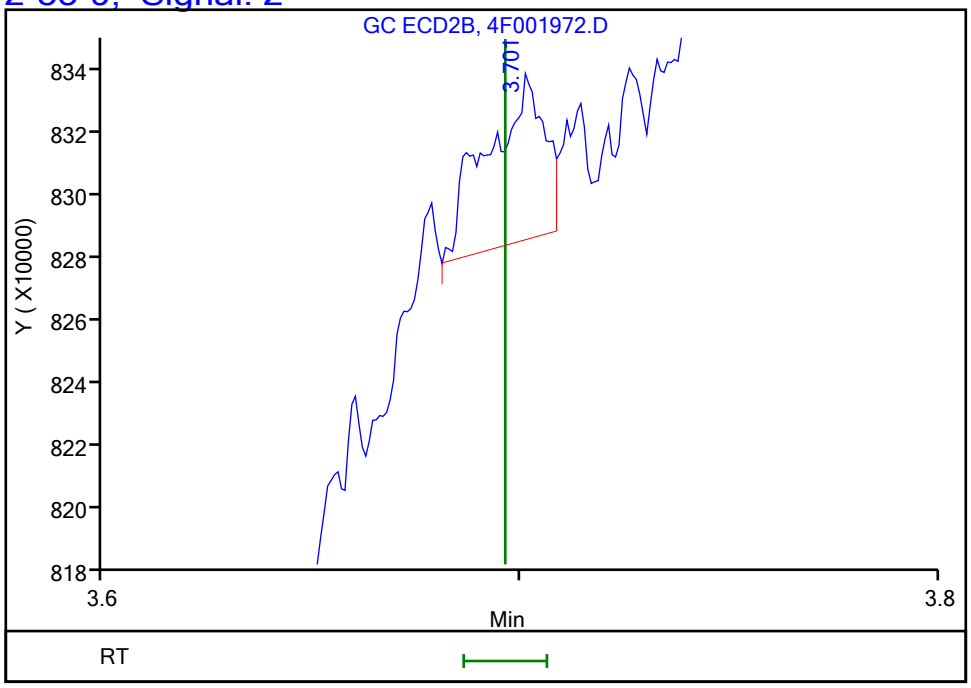
RT: 4.73
Response: 12545
Amount: 0.015867




Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.70
Response: 48175
Amount: 0.023803




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

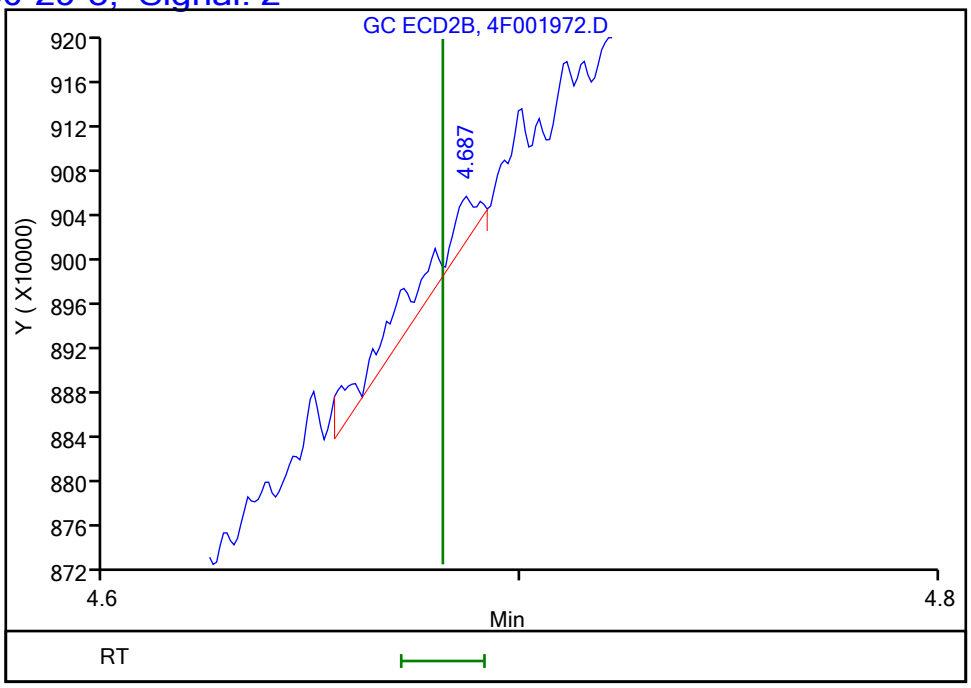
## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.66
Response: 27689
Amount: 0.039002

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.69
Response: 55907
Amount: 0.032782




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

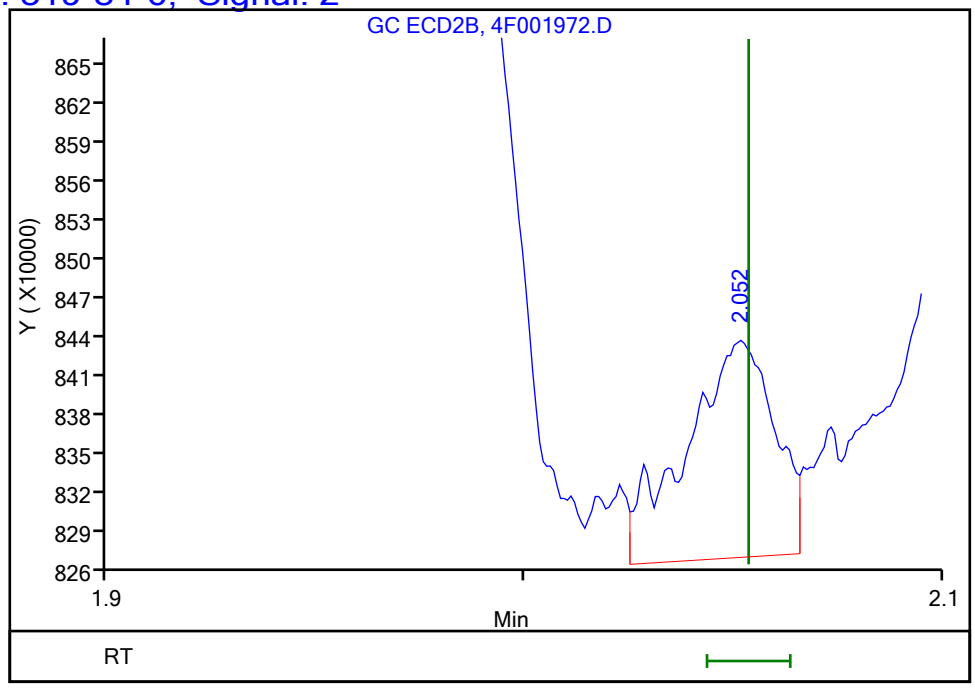
## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

RT: 2.37
Response: 18749
Amount: 0.020202

Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.05
Response: 245329
Amount: 0.108933




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

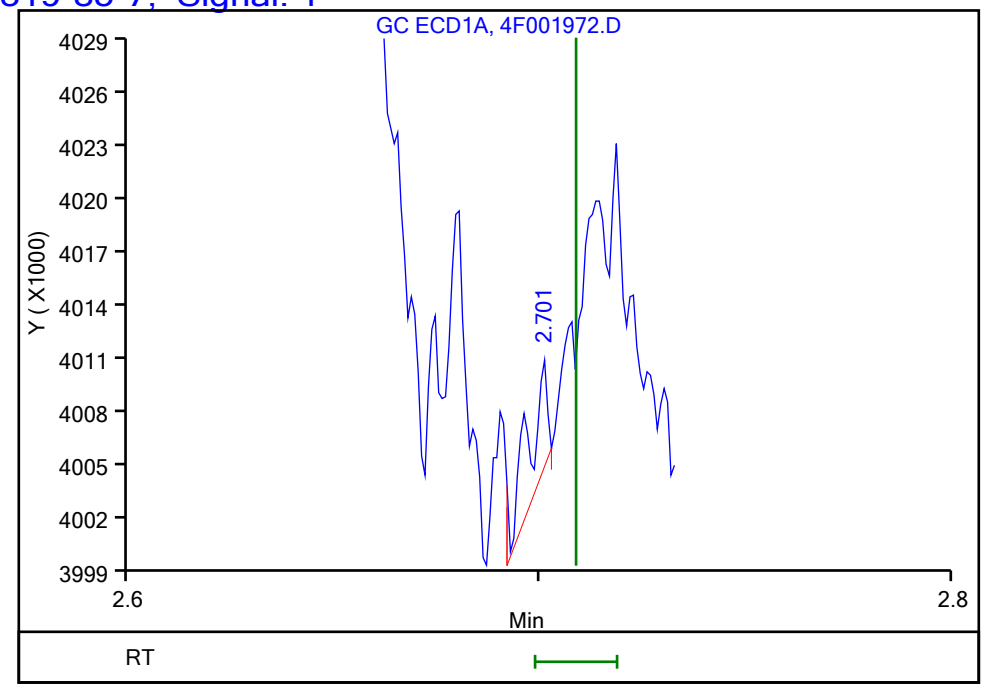
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

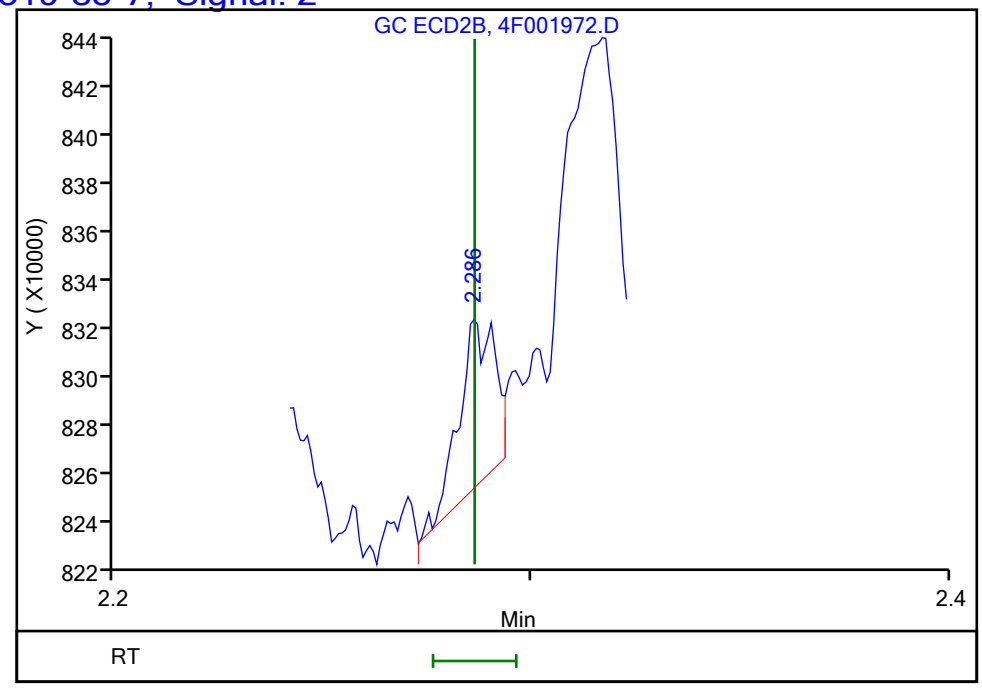
RT: 2.70
Response: 2084
Amount: 0.005553




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.29
Response: 38845
Amount: 0.044299




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

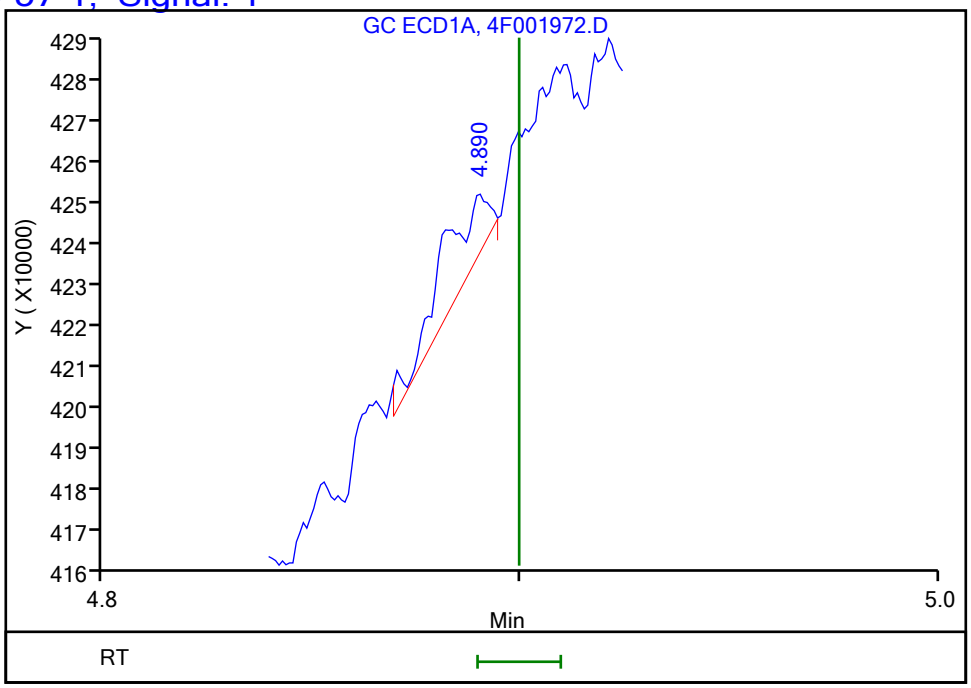
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

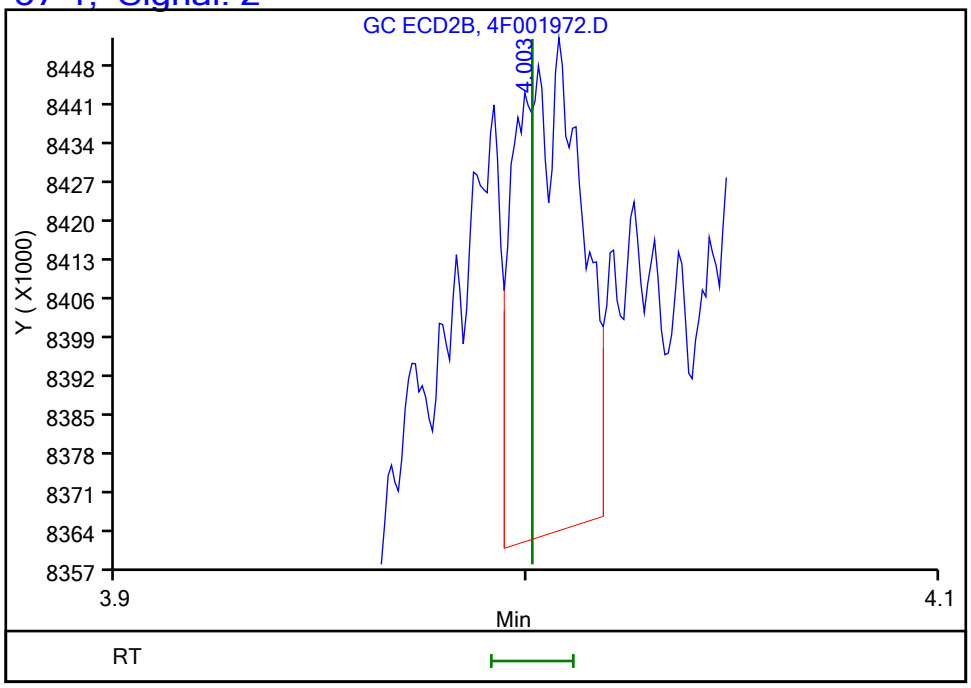
RT: 4.89
Response: 14458
Amount: 0.017665




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.00
Response: 96828
Amount: 0.047038




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

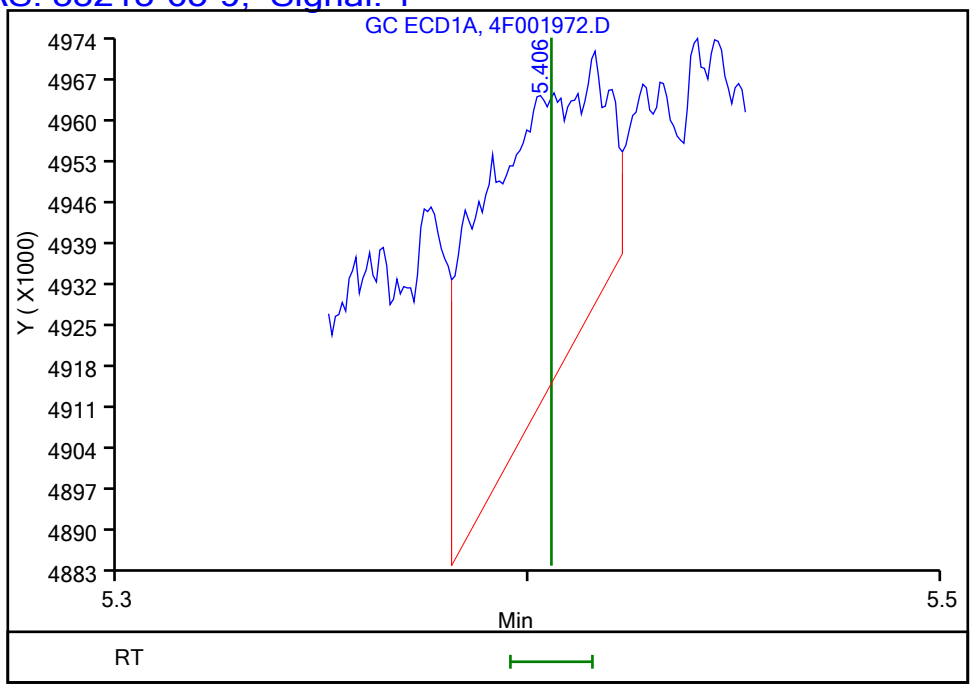
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

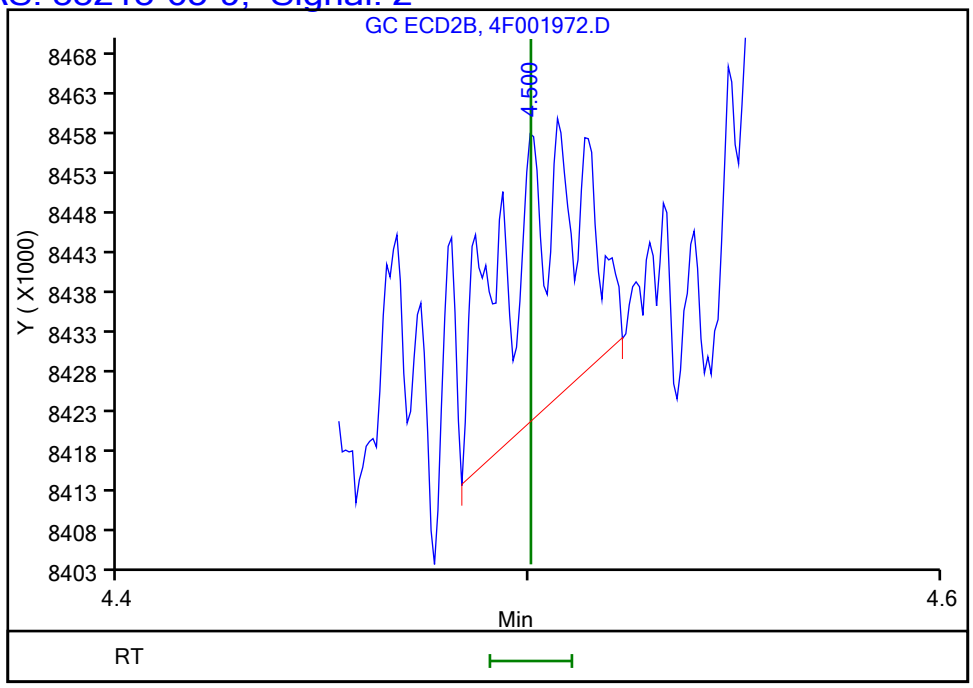
RT: 5.41
Response: 114454
Amount: 0.167649




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.50
Response: 48832
Amount: 0.030095




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

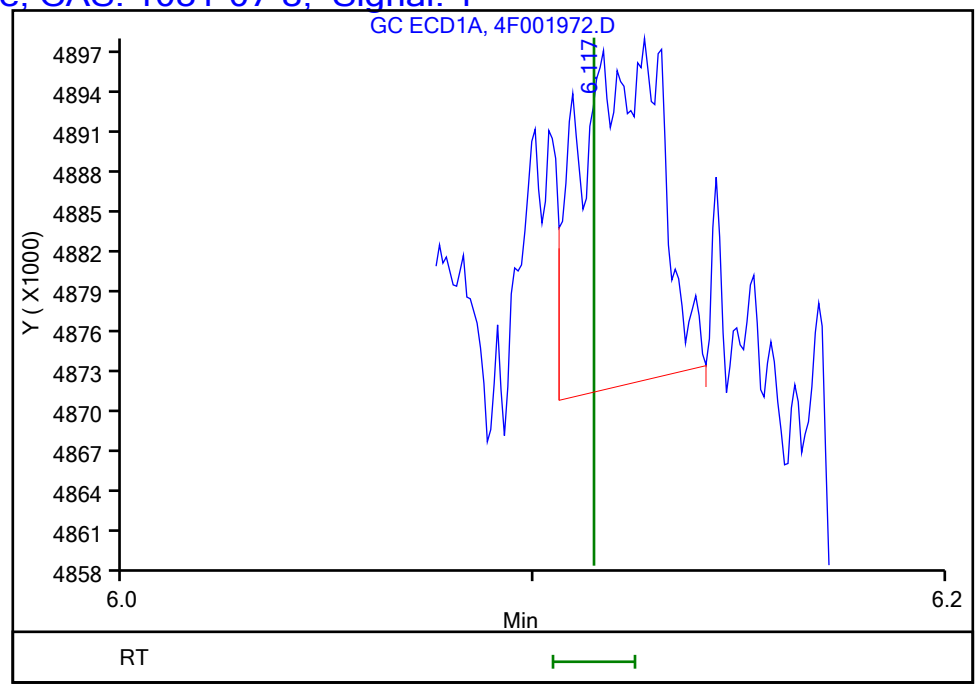
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

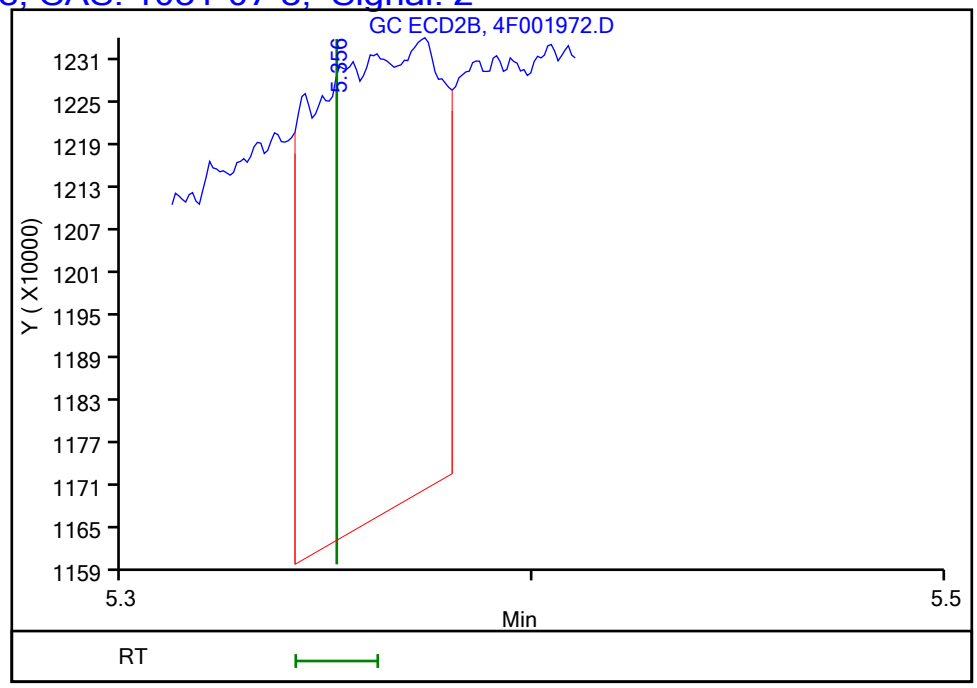
RT: 6.12
Response: 34761
Amount: 0.047326




Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.36
Response: 1454879
Amount: 0.791578




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

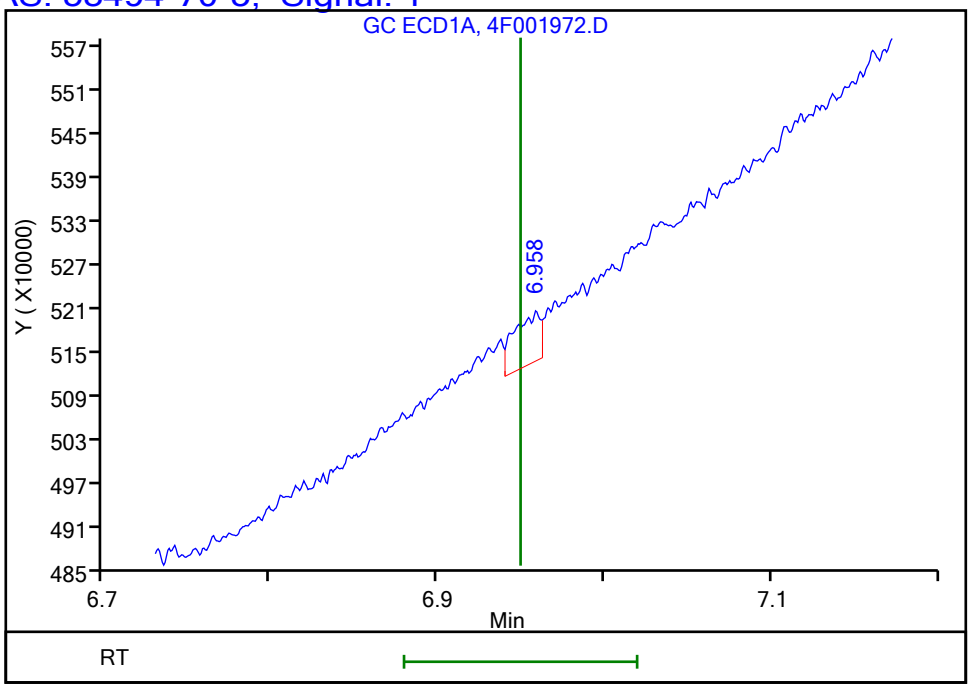
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

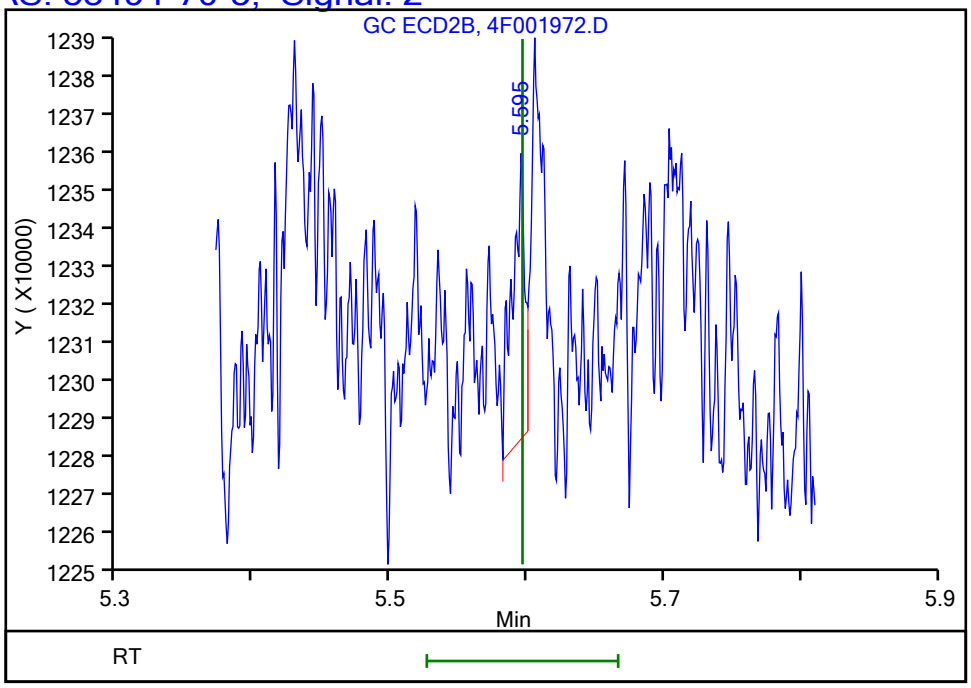
RT: 6.96
Response: 79019
Amount: 0.093486




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.60
Response: 41157
Amount: 0.020018




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

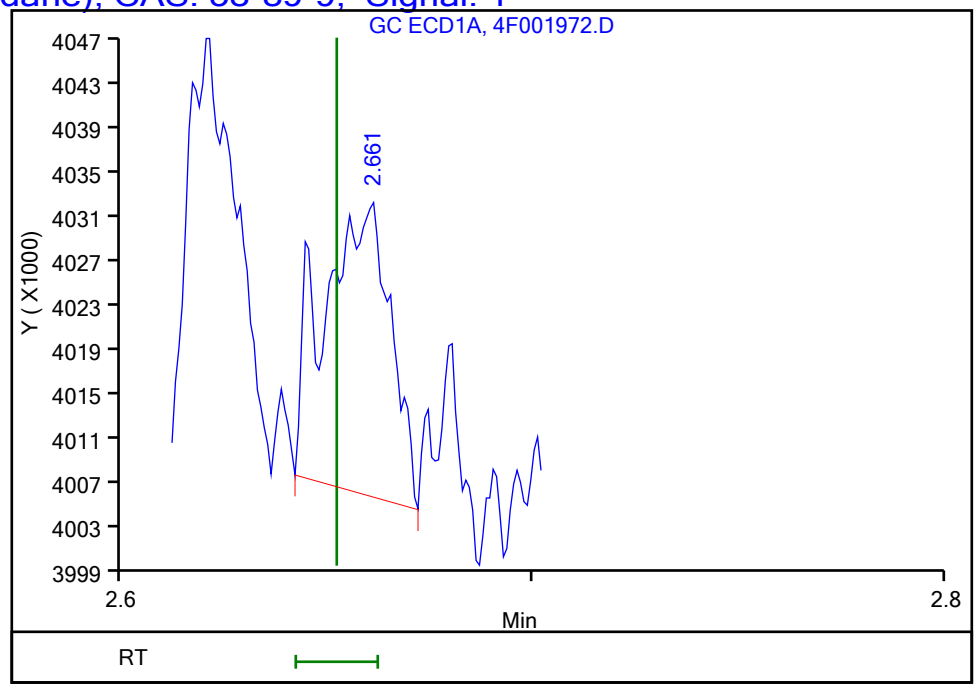
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

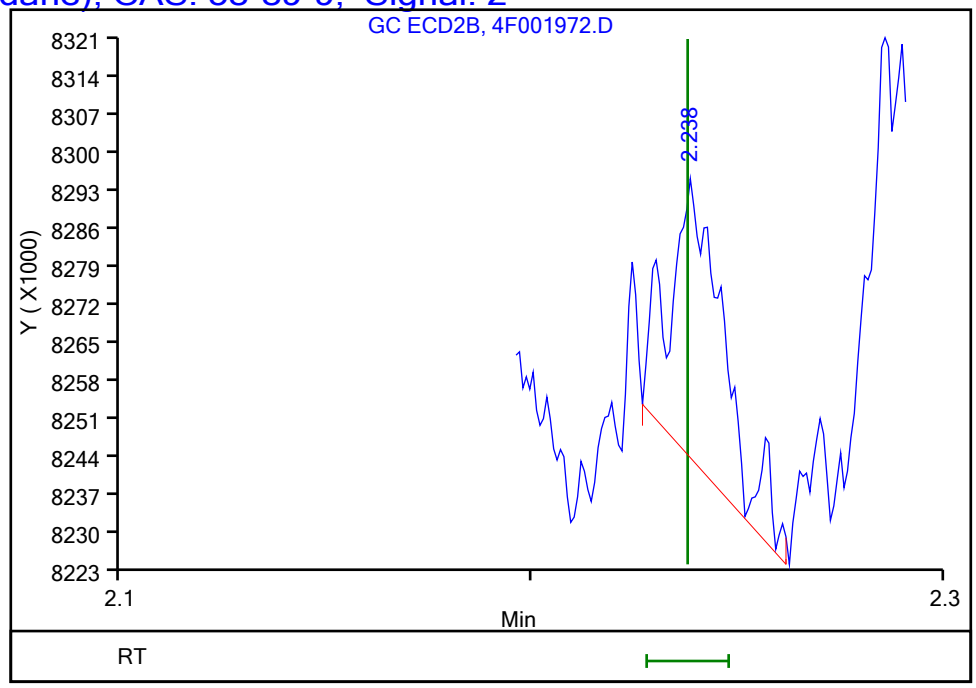
RT: 2.66
Response: 28940
Amount: 0.034036




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.24
Response: 48276
Amount: 0.023620




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

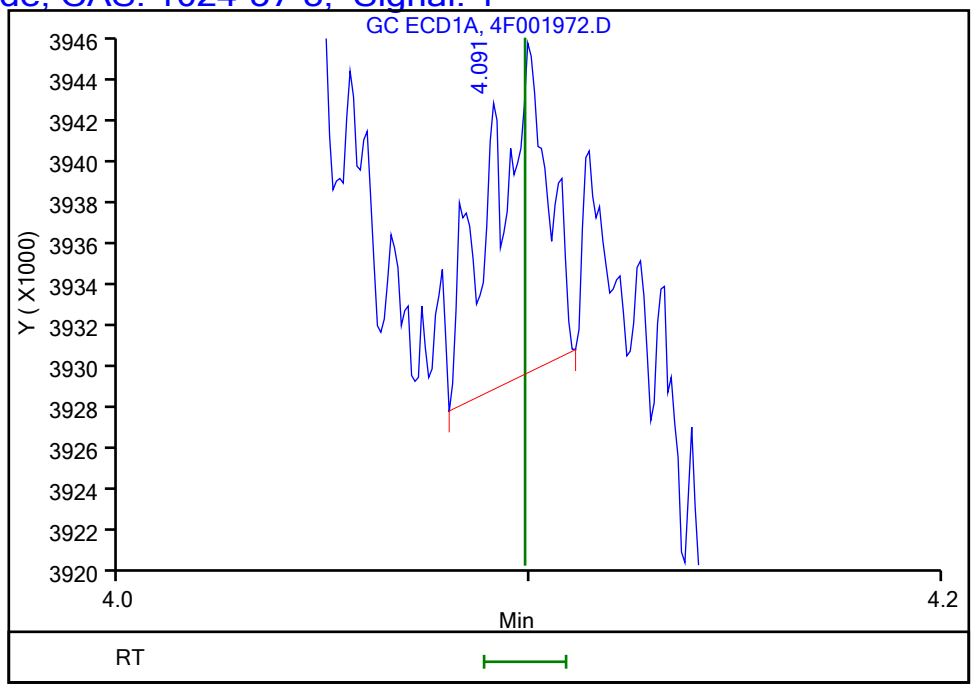
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

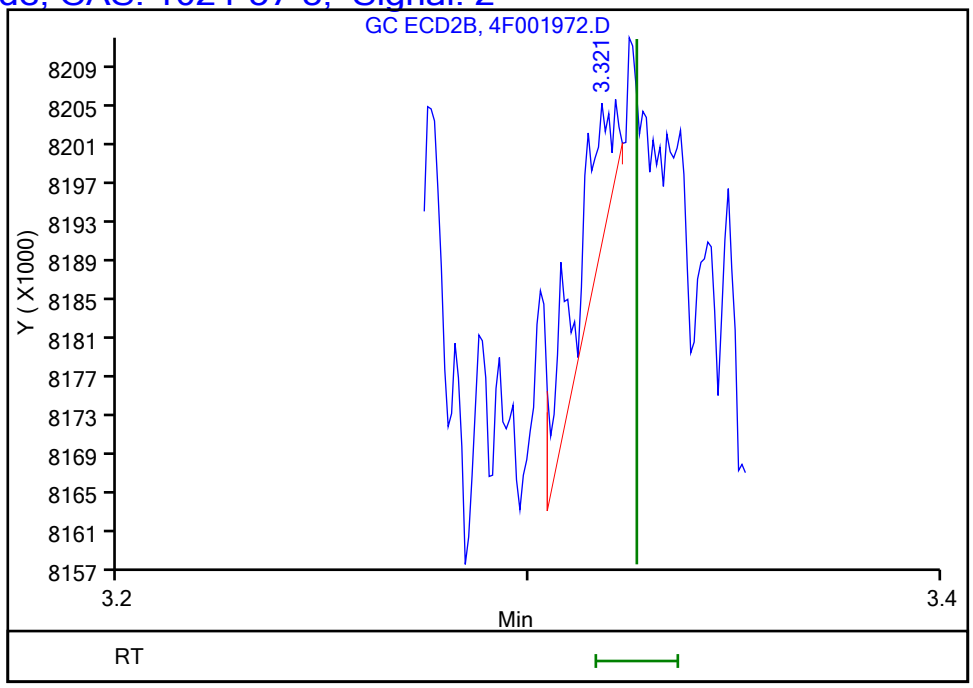
RT: 4.09
Response: 15624
Amount: 0.019967




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.32
Response: 10300
Amount: 0.005319




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020298/1-A

Matrix: Water | Lab File ID: 4F001972.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.020 | U | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.020 | U | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.020 | U | 0.020 | 0.015 |
| 12789-03-6 | Chlordane (technical) | 0.20 | U | 0.20 | 0.055 |
| 319-86-8 | delta-BHC | 0.020 | U | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.020 | U | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.020 | U | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.020 | U | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.020 | U | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.020 | U | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.020 | U | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.020 | U | 0.020 | 0.0040 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 88 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Lims ID: MB 460-1020298/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:16:19 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-008
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:55

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.456 | 1.457 | -0.001 | 57567752 | 100.0 | 100.0 | |
| 2 | 1.418 | 1.419 | -0.001 | 134833455 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.957 | 1.954 | 0.003 | 60080988 | 100.0 | 94.7 | |
| 2 | 1.759 | 1.757 | 0.002 | 138023569 | 100.0 | 88.4 | |
| | | | | | | RPD = 6.94 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.206 | 8.202 | 0.004 | 42129472 | 100.0 | 63.5 | |
| 2 | 7.098 | 7.093 | 0.005 | 109461484 | 100.0 | 56.6 | |
| | | | | | | RPD = 11.52 | |

## QC Flag Legend
Processing Flags

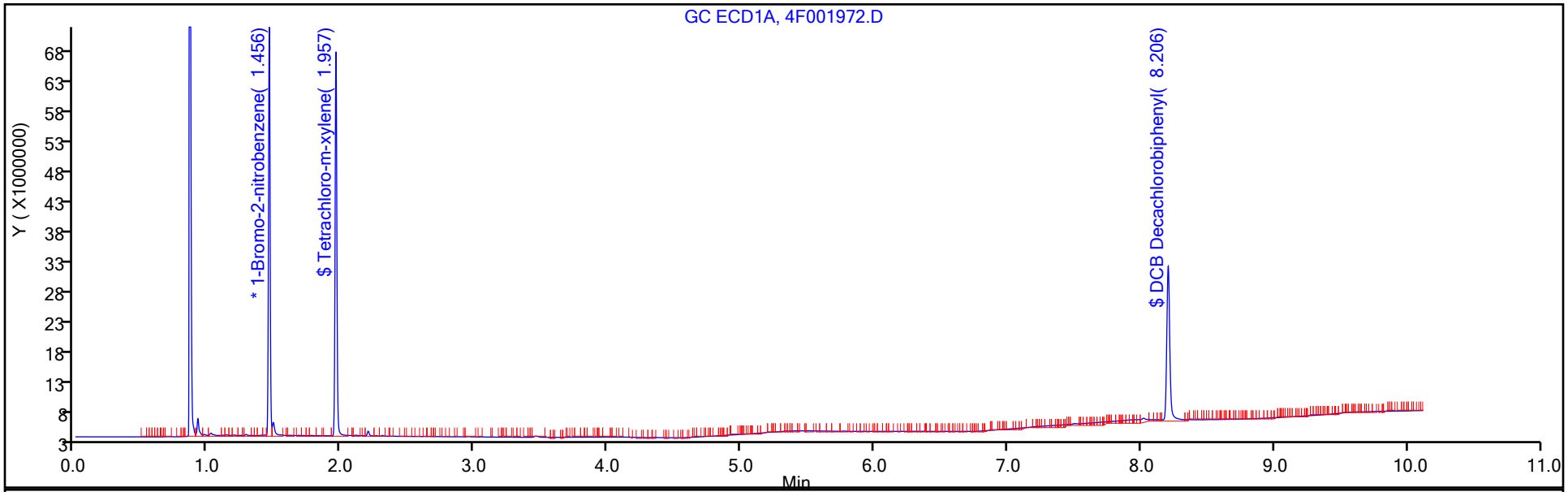
## Reagents:
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

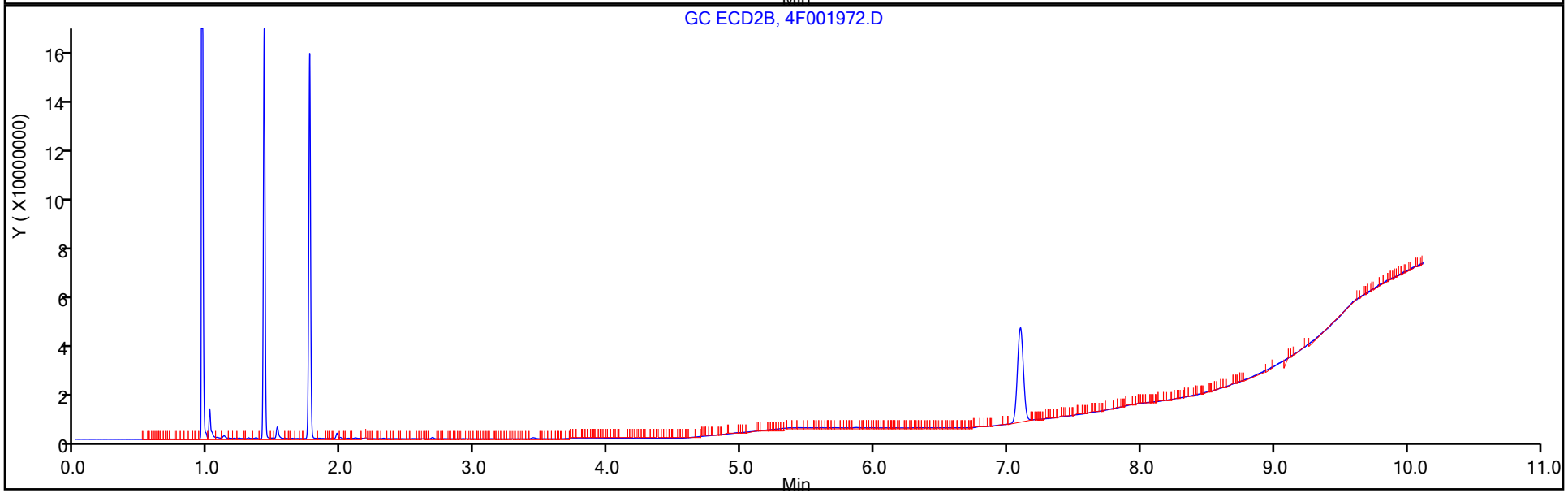
Report Date: 10-Feb-2025 14:26:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:16:19 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | MB 460-1020298/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 33 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |



Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Lims ID: MB 460-1020298/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:16:19 ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-008
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 12:05:55

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 94.7 | 94.75 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 63.5 | 63.50 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 88.4 | 88.39 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.58 |

User Disabled Compound Report

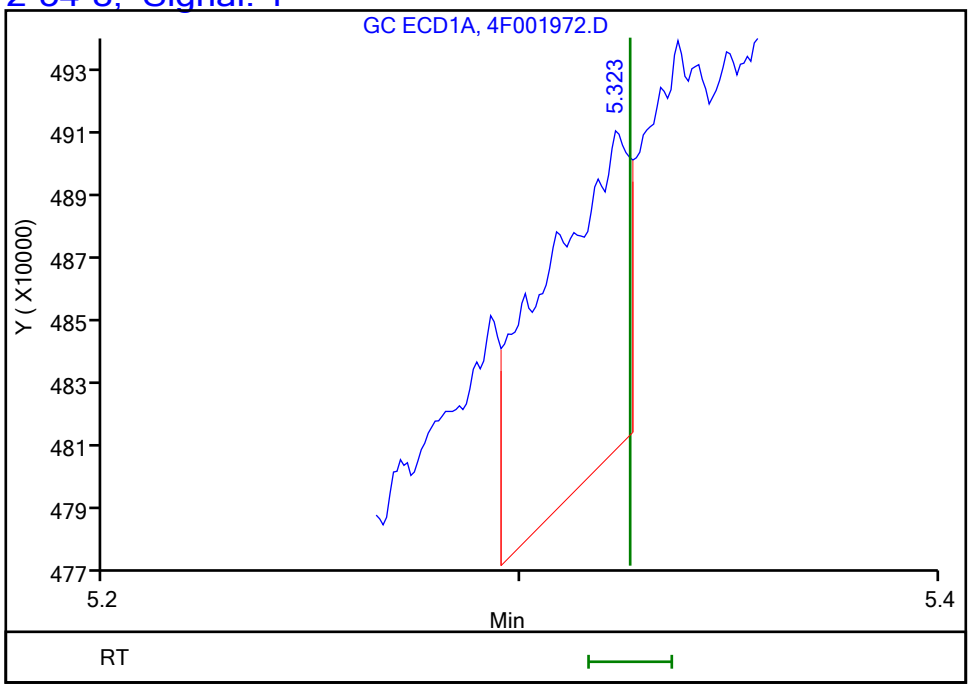
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 1

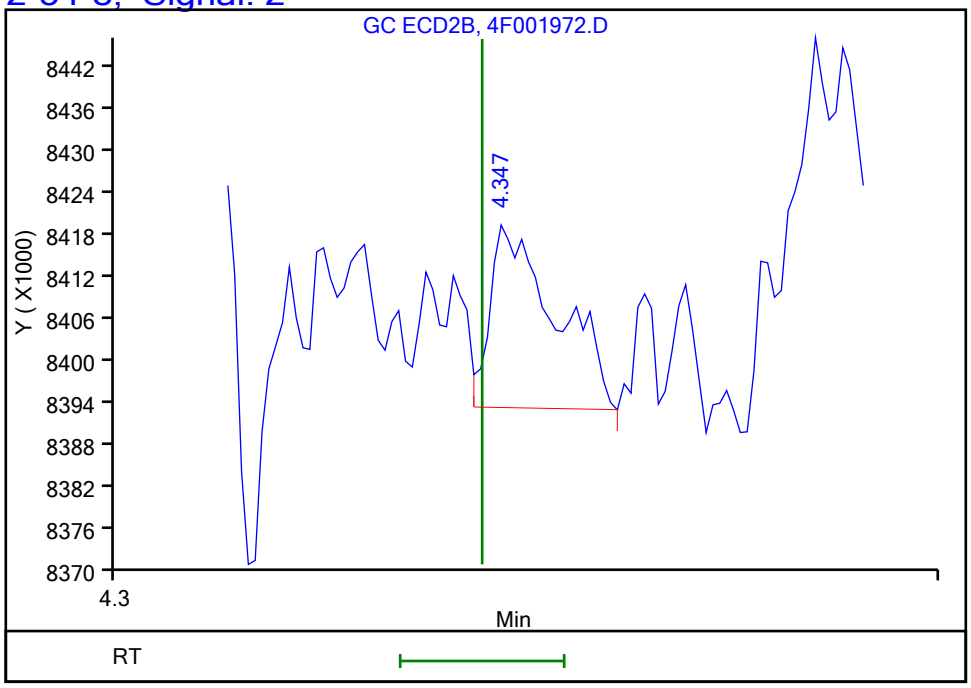
RT: 5.32
Response: 147703
Amount: 0.210985




Column: Detector GC ECD2B

## 16 4,4'-DDD, CAS: 72-54-8, Signal: 2

RT: 4.35
Response: 14610
Amount: 0.008646




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

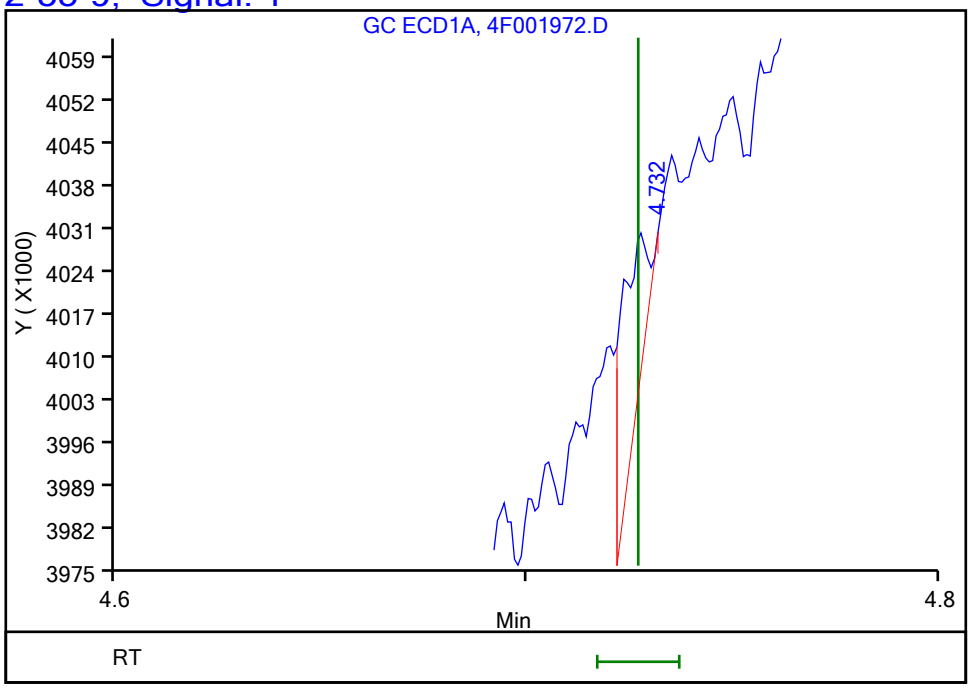
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

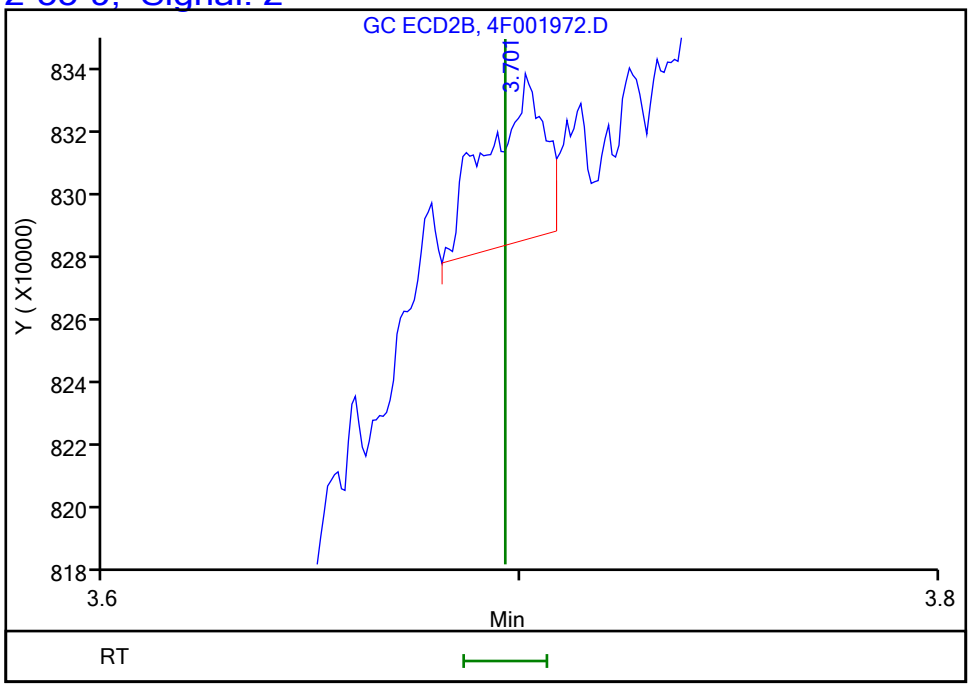
RT: 4.73
Response: 12545
Amount: 0.015867




Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.70
Response: 48175
Amount: 0.023803




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

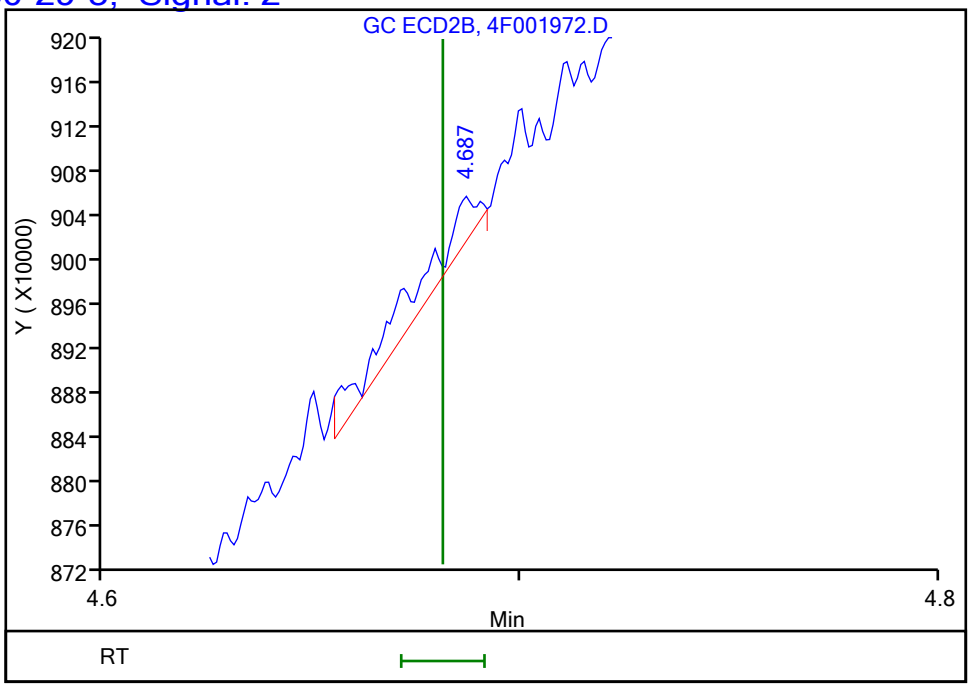
## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

RT: 5.66
Response: 27689
Amount: 0.039002

Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.69
Response: 55907
Amount: 0.032782




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

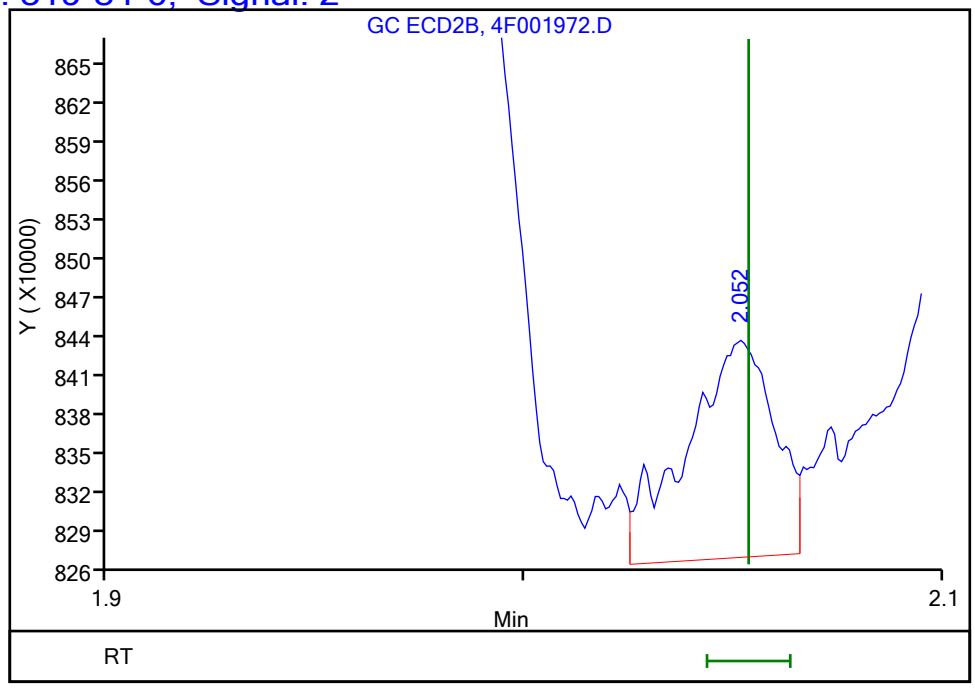
## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

RT: 2.37
Response: 18749
Amount: 0.020202

Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.05
Response: 245329
Amount: 0.108933




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

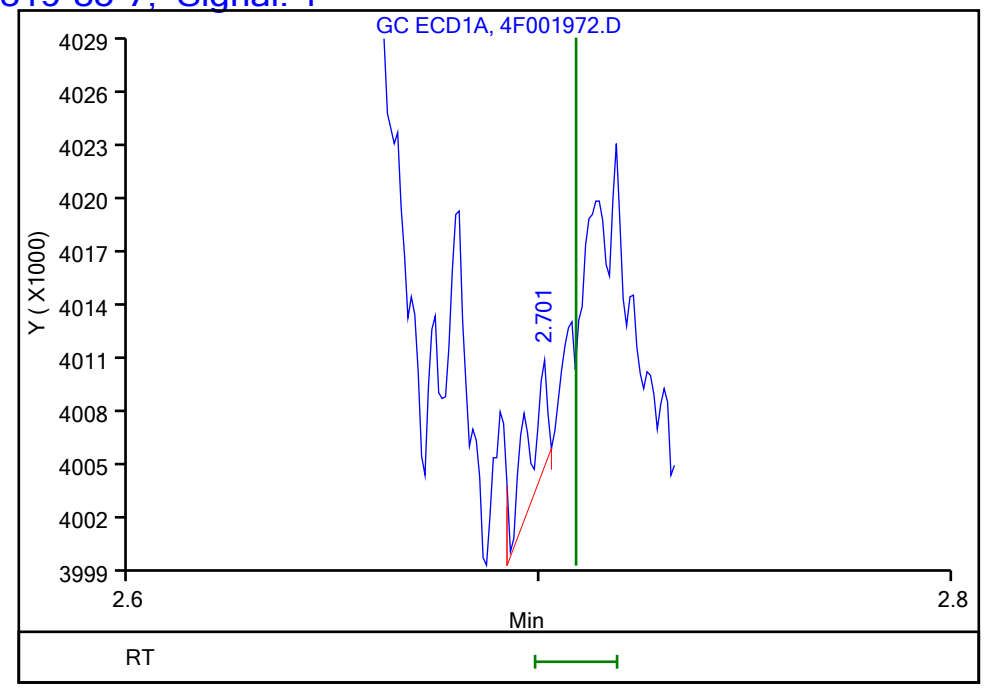
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

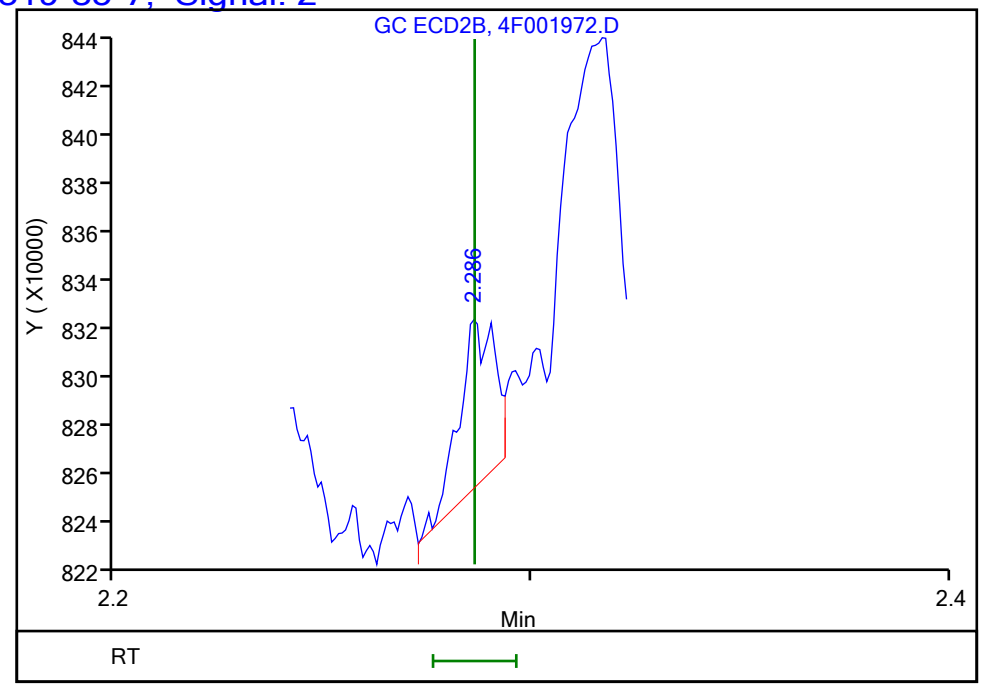
RT: 2.70
Response: 2084
Amount: 0.005553




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.29
Response: 38845
Amount: 0.044299




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

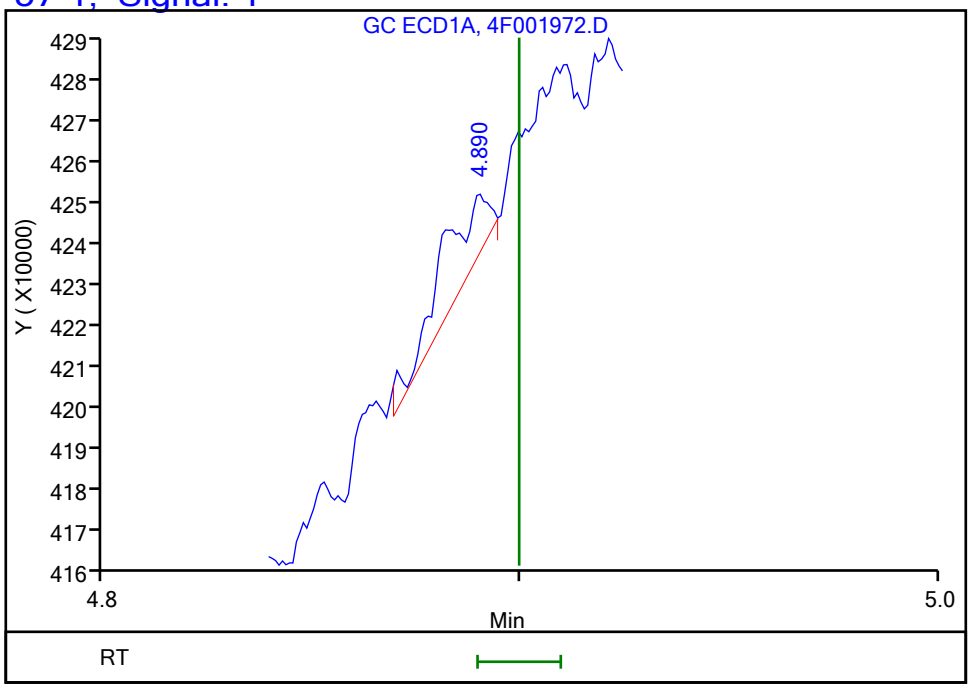
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 30 Dieldrin, CAS: 60-57-1, Signal: 1

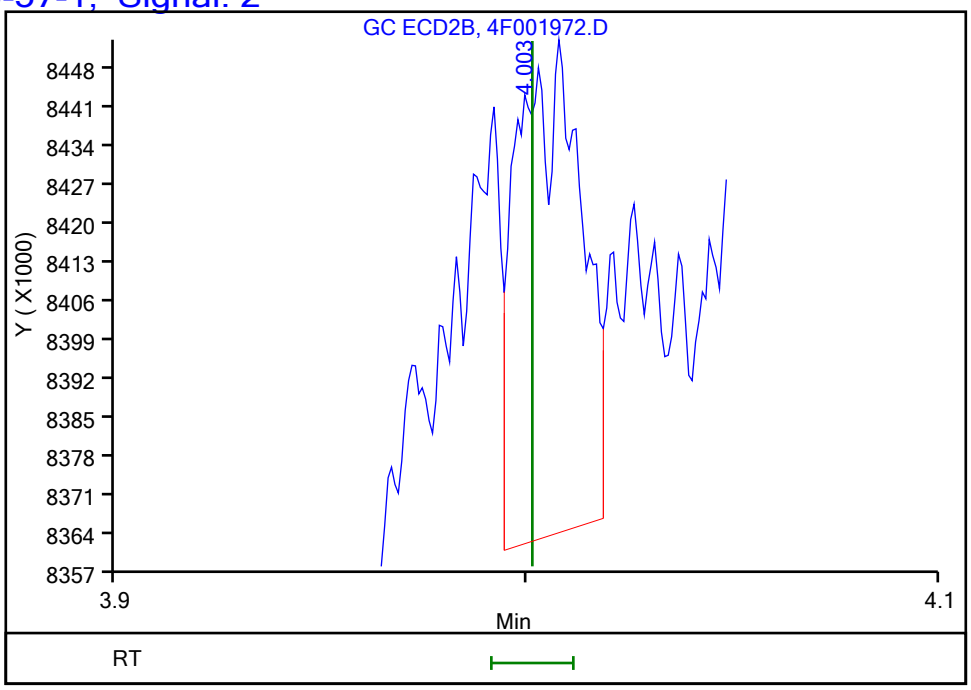
RT: 4.89
Response: 14458
Amount: 0.017665




Column: Detector GC ECD2B

## 30 Dieldrin, CAS: 60-57-1, Signal: 2

RT: 4.00
Response: 96828
Amount: 0.047038




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

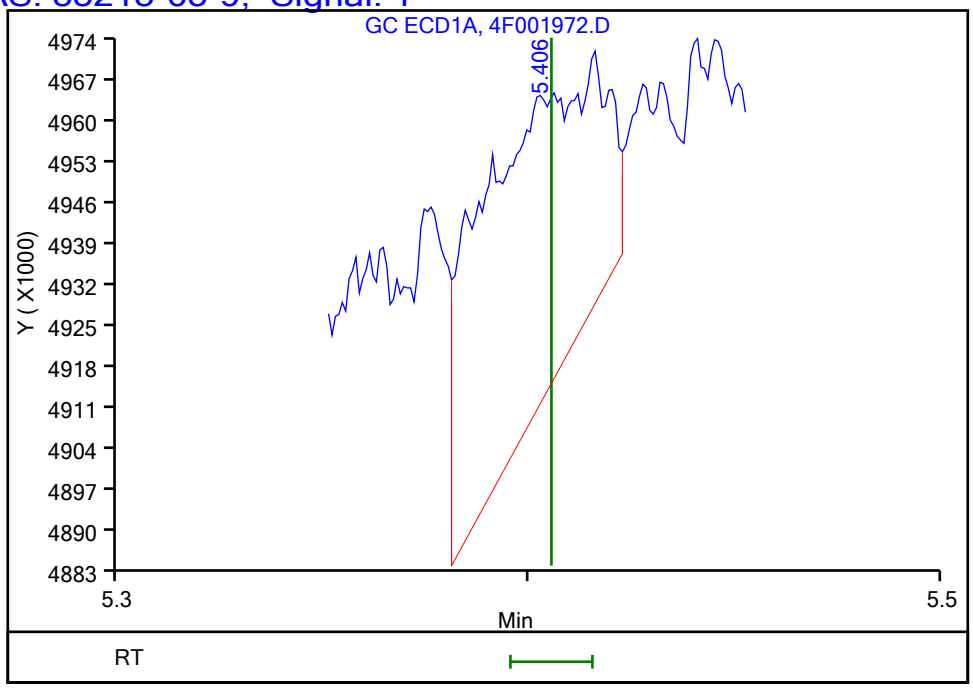
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

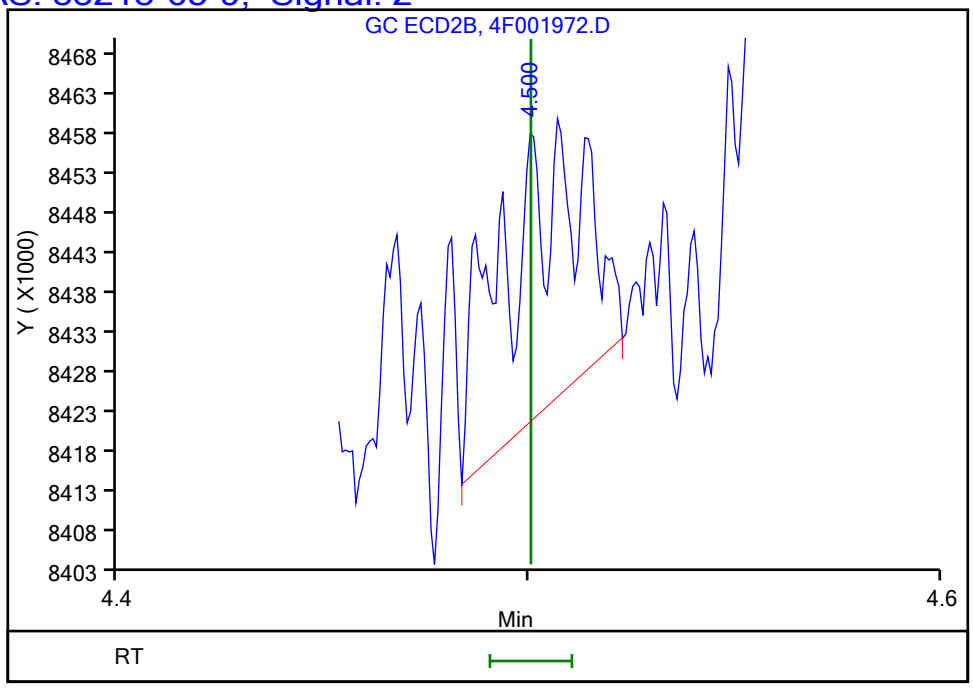
RT: 5.41
Response: 114454
Amount: 0.167649




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.50
Response: 48832
Amount: 0.030095




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

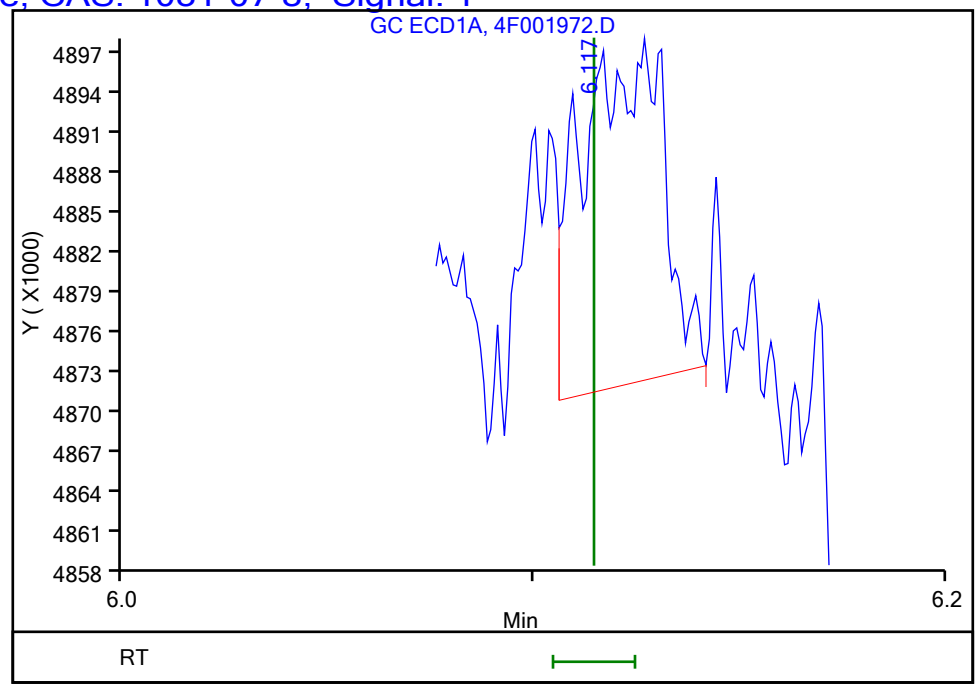
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 1

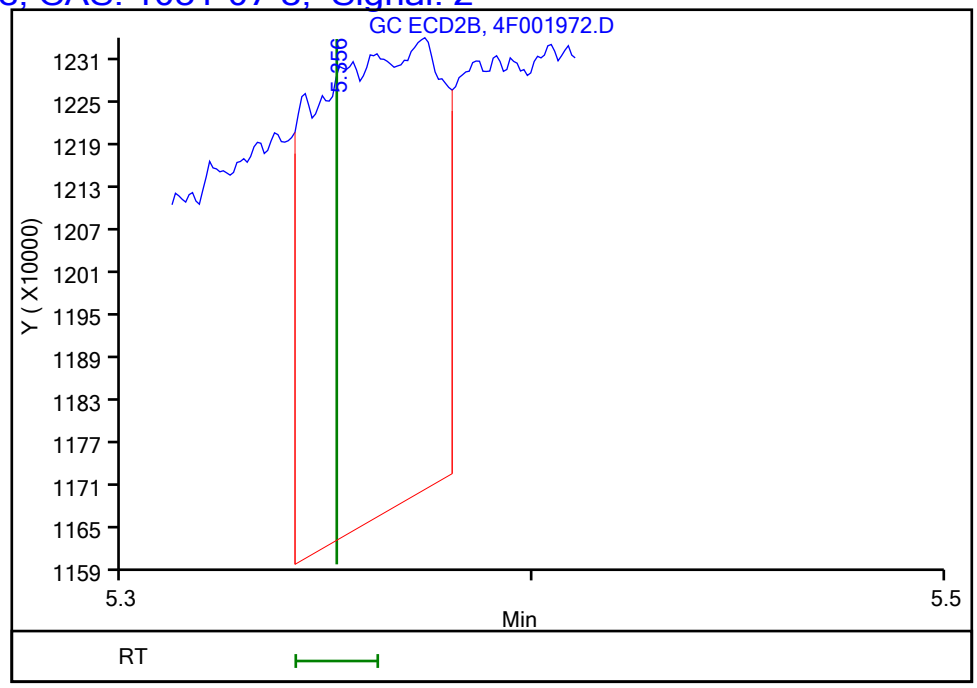
RT: 6.12
Response: 34761
Amount: 0.047326




Column: Detector GC ECD2B

## 3 Endosulfan sulfate, CAS: 1031-07-8, Signal: 2

RT: 5.36
Response: 1454879
Amount: 0.791578




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

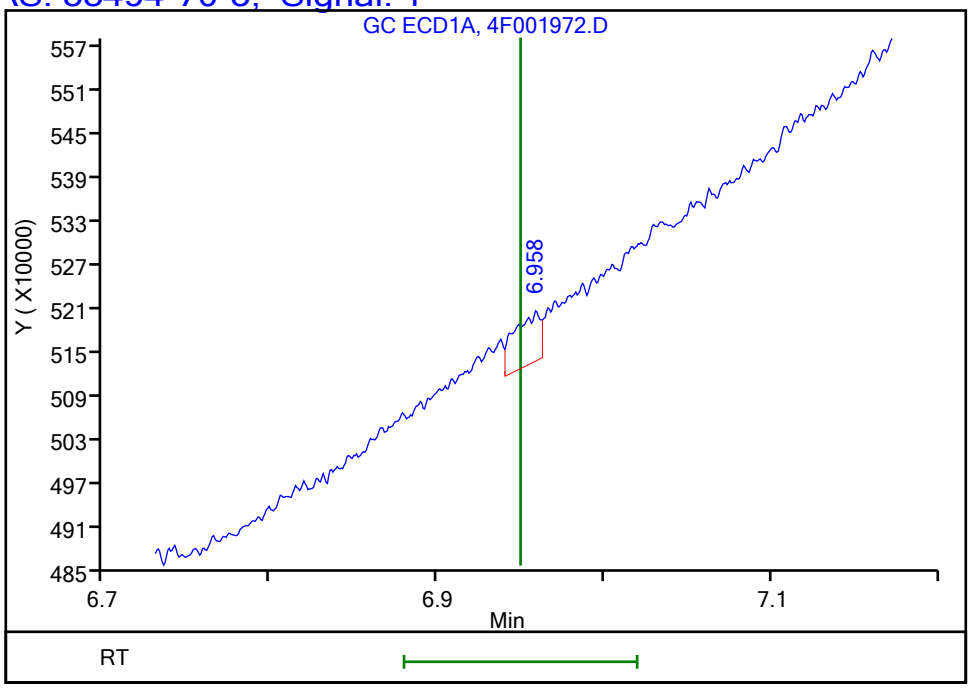
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

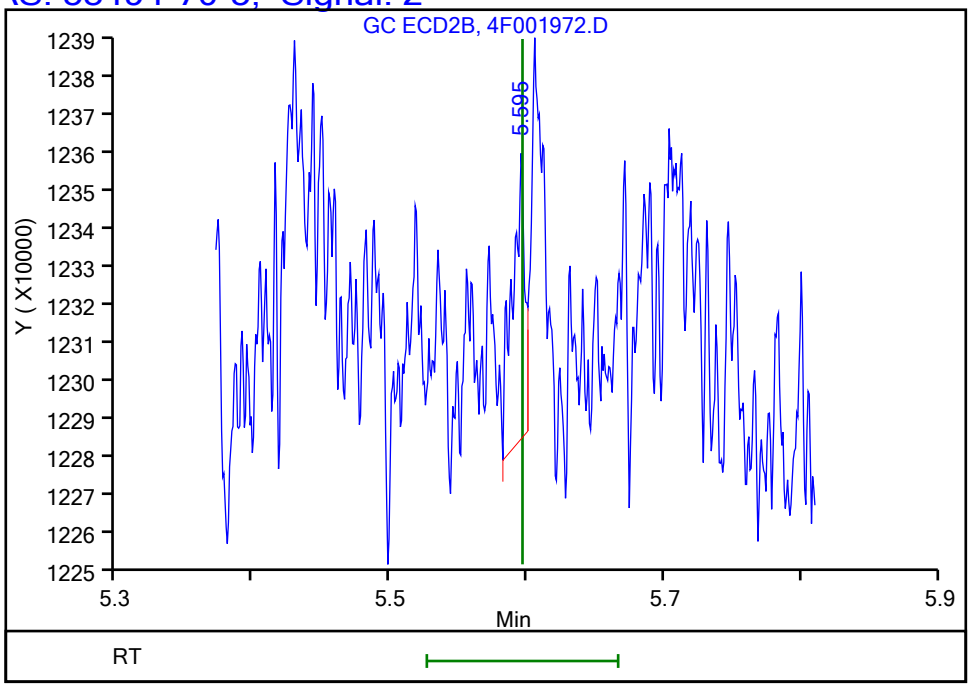
RT: 6.96
Response: 79019
Amount: 0.093486




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.60
Response: 41157
Amount: 0.020018




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

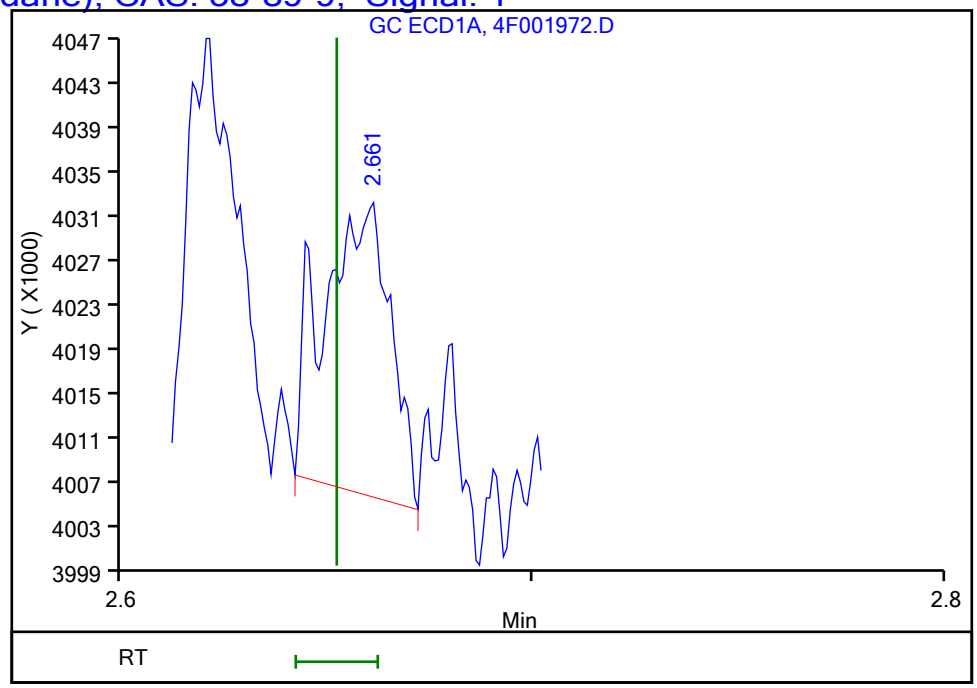
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

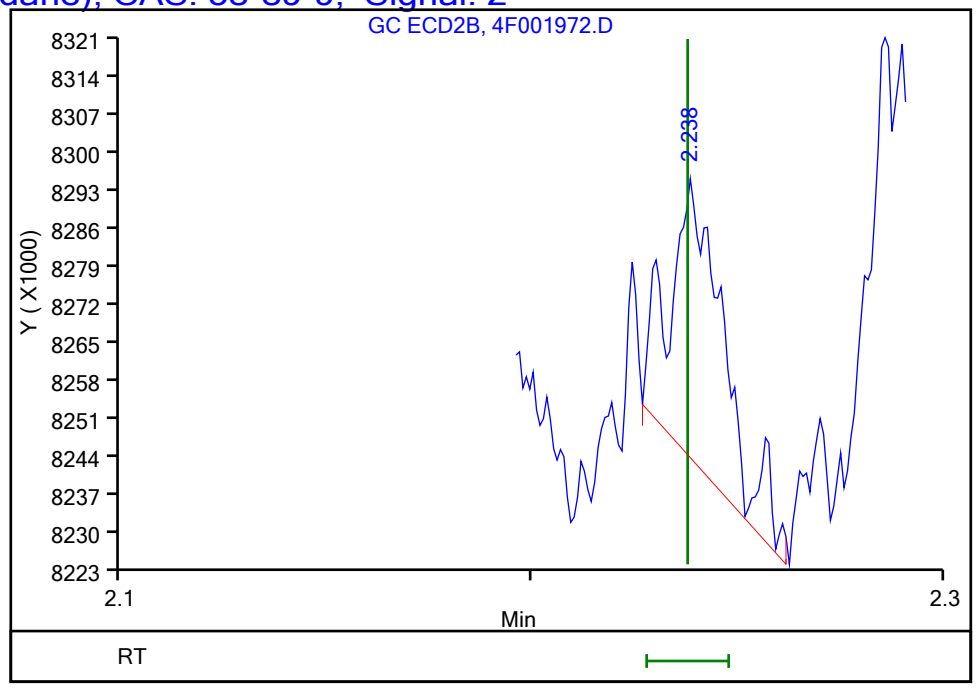
RT: 2.66
Response: 28940
Amount: 0.034036




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.24
Response: 48276
Amount: 0.023620




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

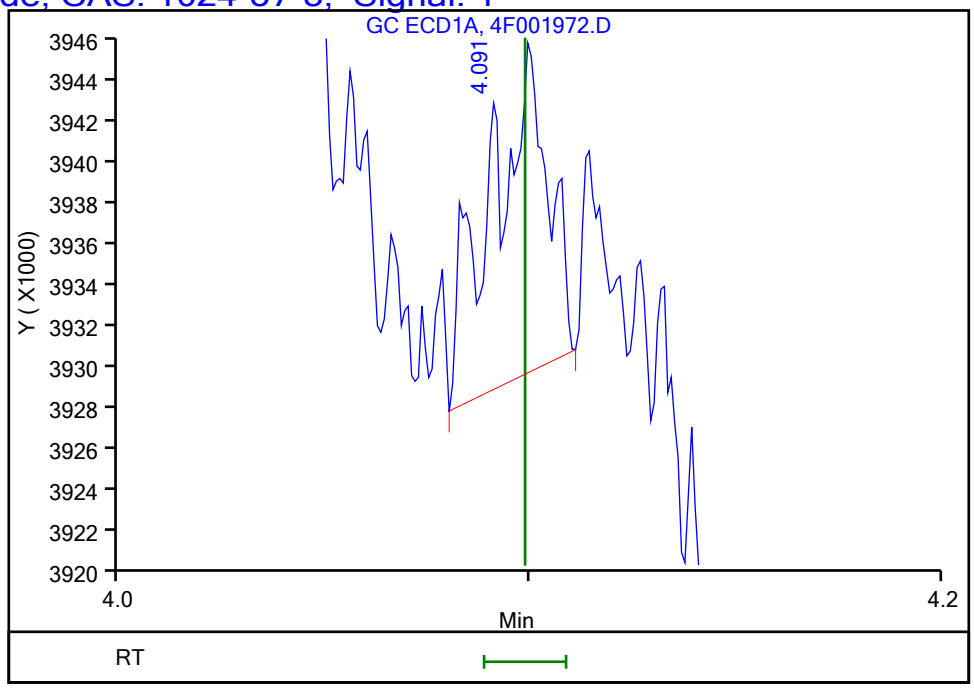
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001972.D
Injection Date: 09-Feb-2025 09:16:19 Instrument ID: CPESTGC4
Lims ID: MB 460-1020298/1-A
Client ID:
Operator ID: ALS Bottle#: 33 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

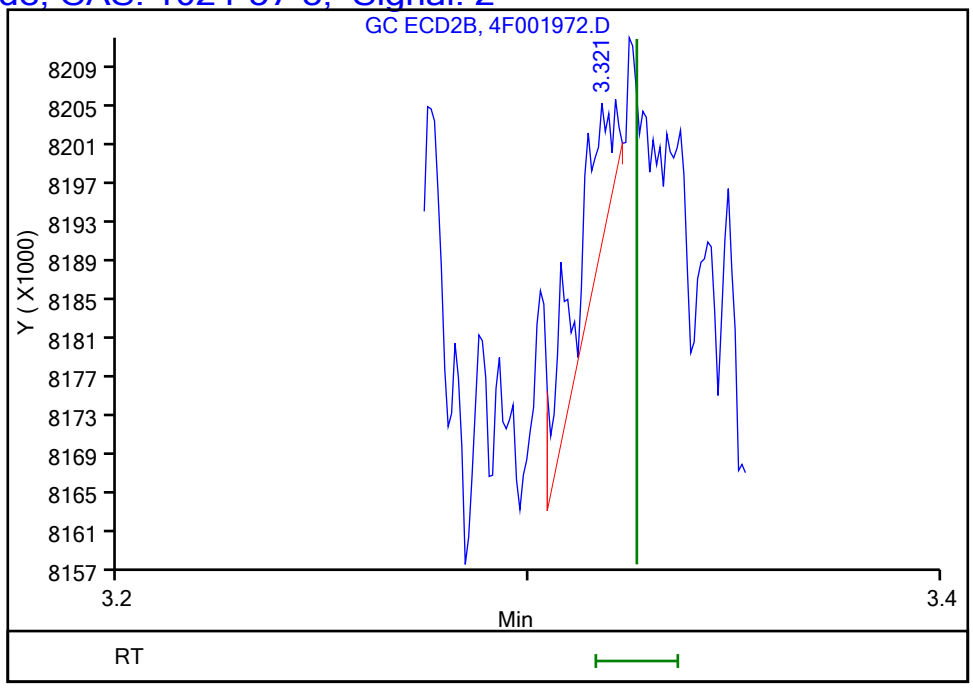
RT: 4.09
Response: 15624
Amount: 0.019967




Column: Detector GC ECD2B

## 12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.32
Response: 10300
Amount: 0.005319




Reviewer: OR9X, 10-Feb-2025 12:05:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020035/1

Matrix: Solid | Lab File ID: 12F0068415.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 02:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.020 | U | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.020 | U | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.020 | U | 0.020 | 0.015 |
| 12789-03-6 | Chlordane (technical) | 0.20 | U | 0.20 | 0.055 |
| 319-86-8 | delta-BHC | 0.020 | U | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.020 | U | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.020 | U | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.020 | U | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.020 | U | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.020 | U | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.020 | U | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.020 | U | 0.020 | 0.0040 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 92 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 78 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:21 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:04:12

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.513 | 1.512 | 0.001 | 221708743 | 100.0 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 547971217 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.030 | 2.030 | 0.000 | 43948713 | 20.0 | 15.6 | |
| 2 | 1.805 | 1.809 | -0.004 | 116289900 | 20.0 | 16.0 | |
| | | | | | | RPD = 2.66 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.324 | 8.316 | 0.008 | 40381758 | 20.0 | 18.3 | |
| 2 | 7.323 | 7.328 | -0.005 | 129416416 | 20.0 | 16.1 | |
| | | | | | | RPD = 13.11 | |

## QC Flag Legend
Processing Flags

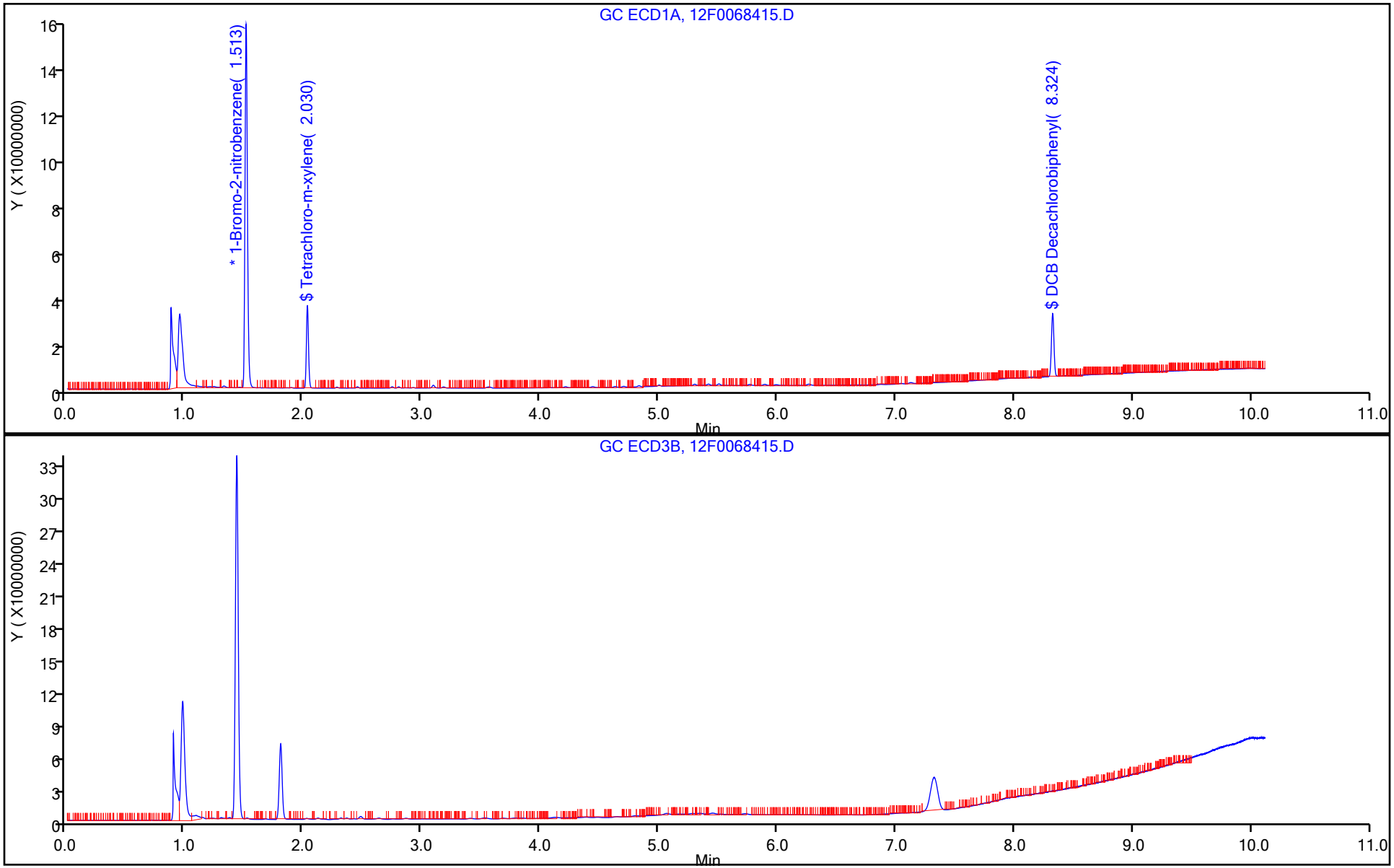
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:28:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:18:21 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:21 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:04:12

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 15.6 | 78.13 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 18.3 | 91.56 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 16.0 | 80.23 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 16.1 | 80.29 |

User Disabled Compound Report

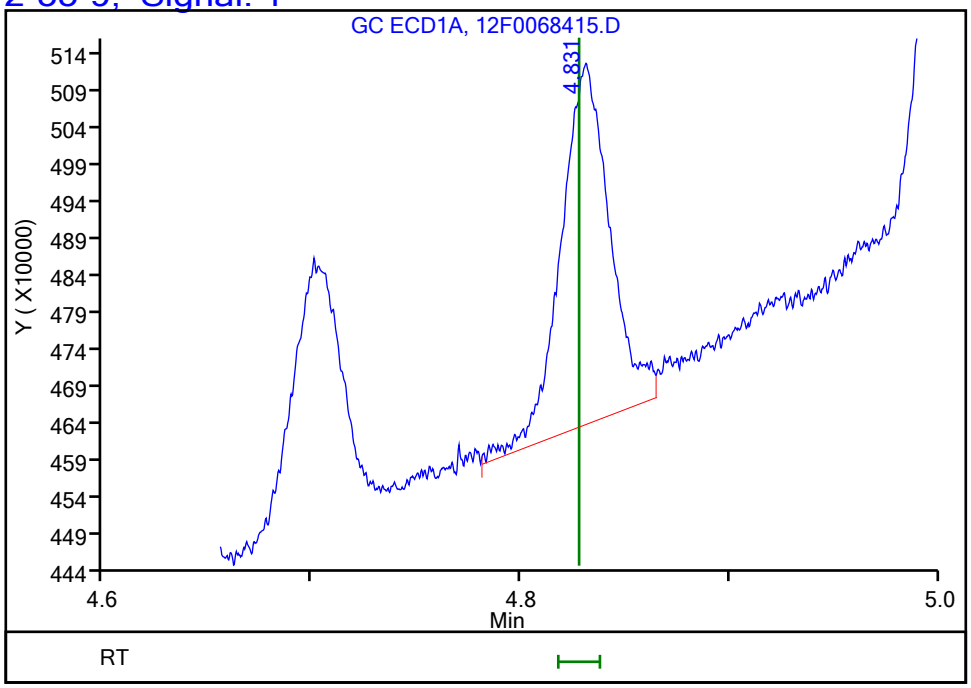
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

25 4,4'-DDE, CAS: 72-55-9, Signal: 1

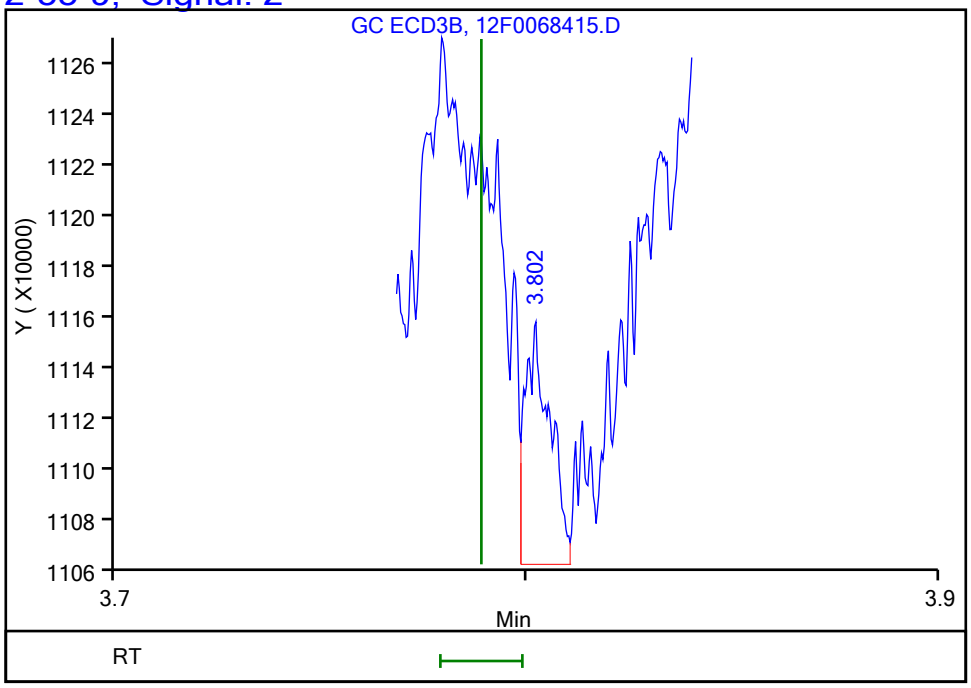
RT: 4.83
Response: 796571
Amount: 0.276940




Column: Detector GC ECD2B

25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.80
Response: 37145
Amount: 0.004500




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

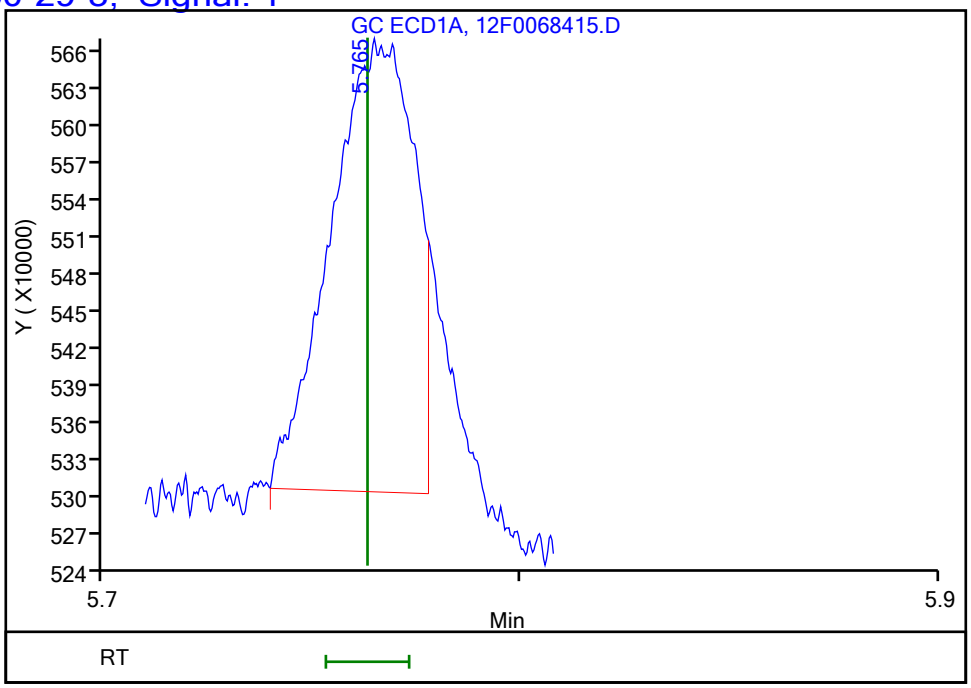
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

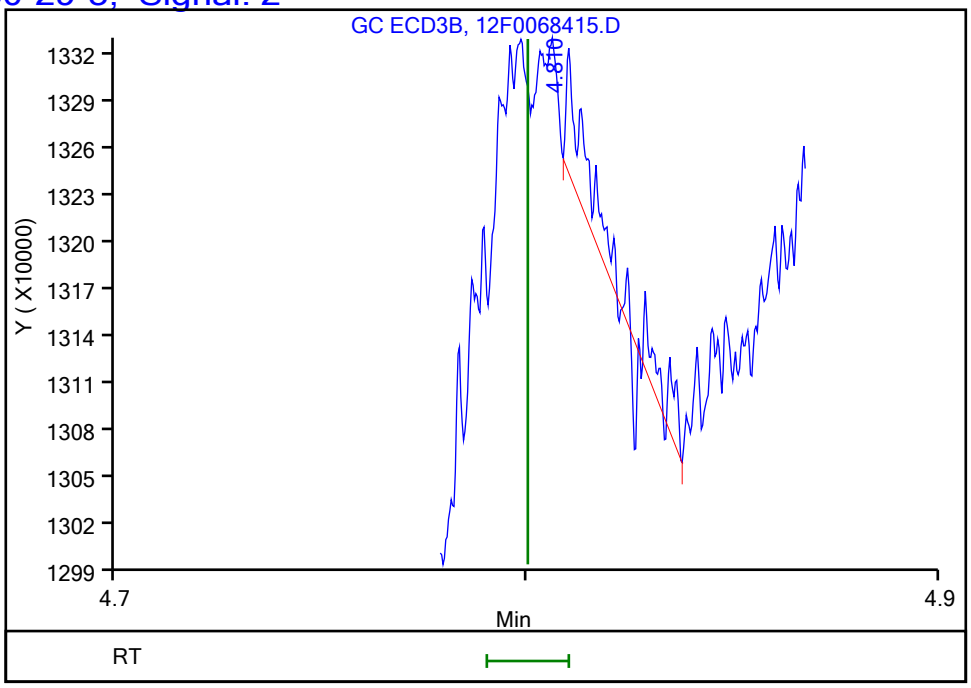
RT: 5.76
Response: 510909
Amount: 0.255858




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.81
Response: 62115
Amount: 0.012340




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

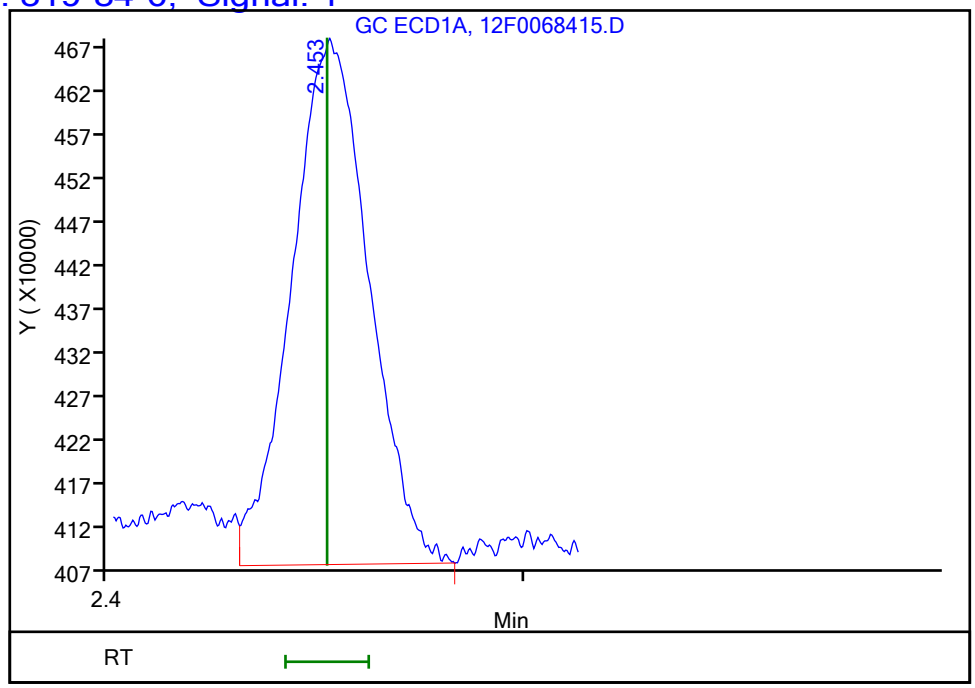
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

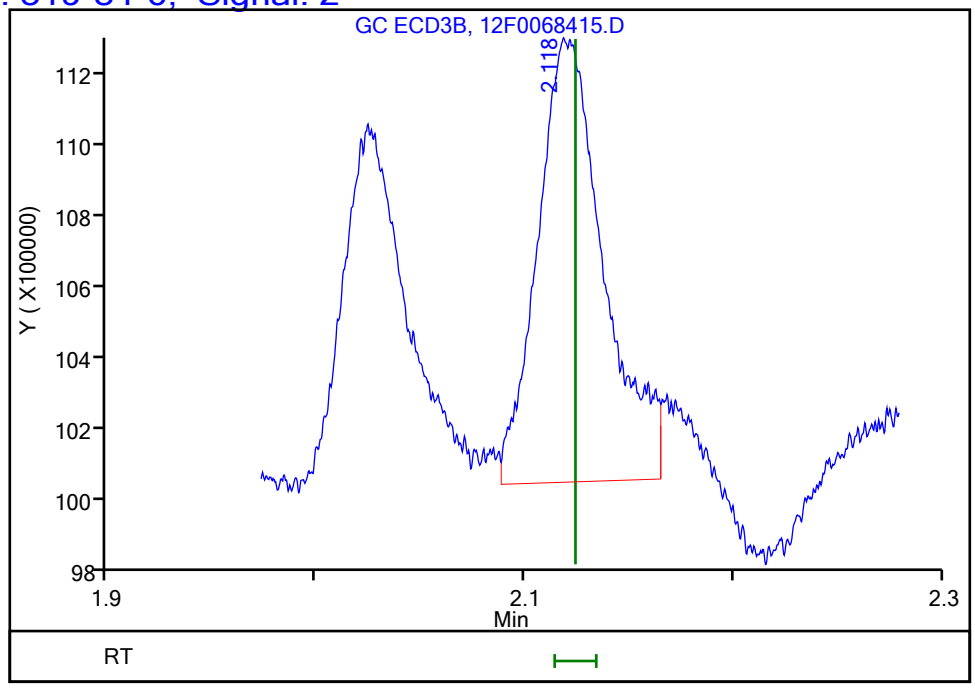
RT: 2.45
Response: 771582
Amount: 0.205696




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 2528697
Amount: 0.247296




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

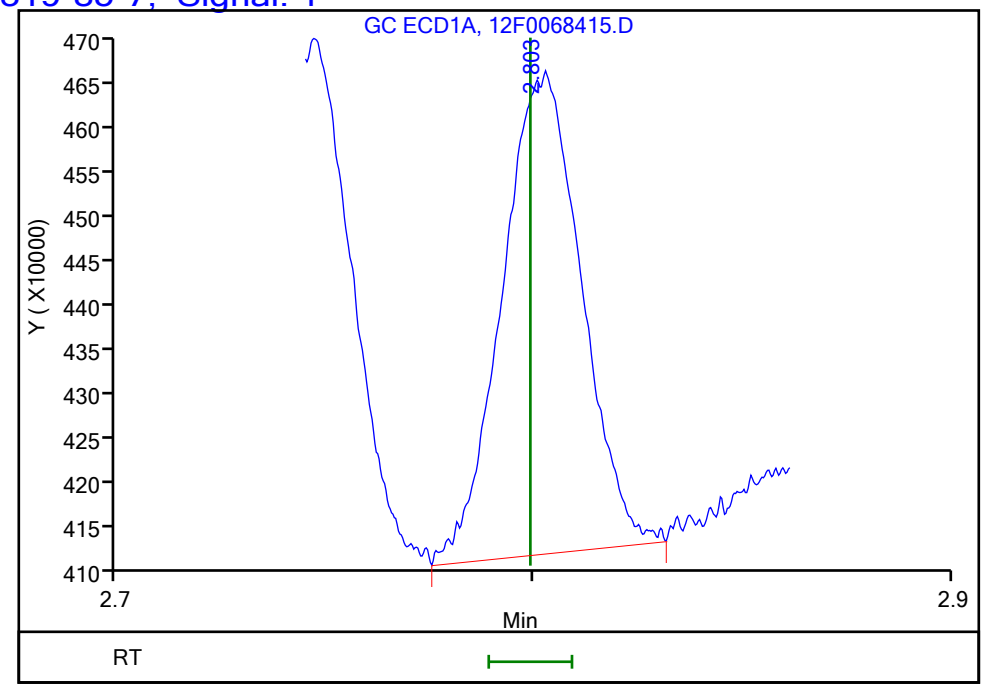
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

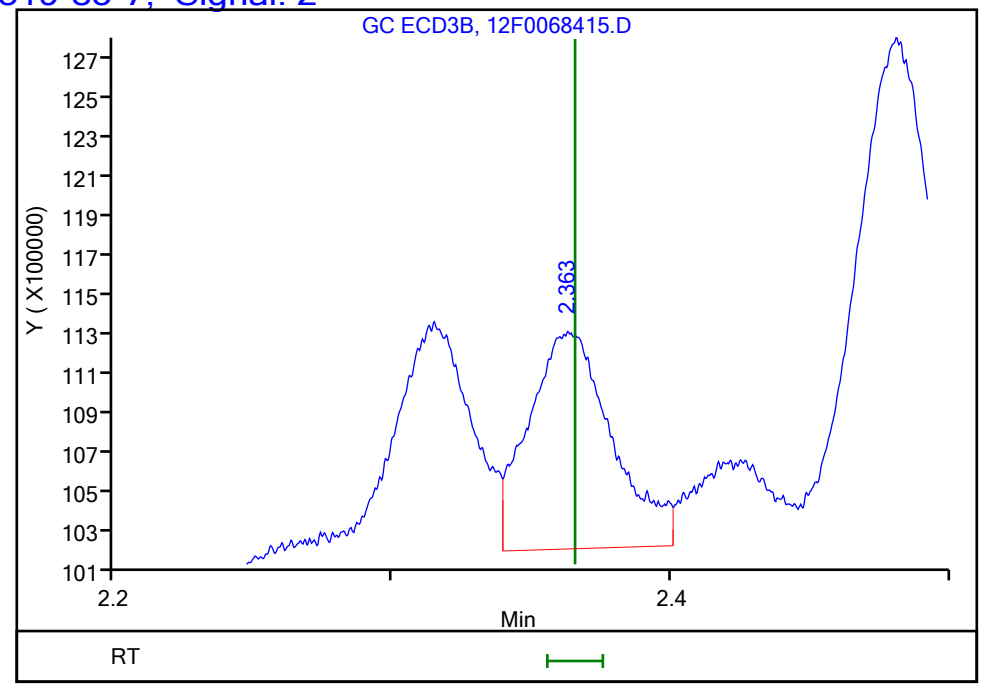
RT: 2.80
Response: 713689
Amount: 0.507443




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.36
Response: 2185249
Amount: 0.653825




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

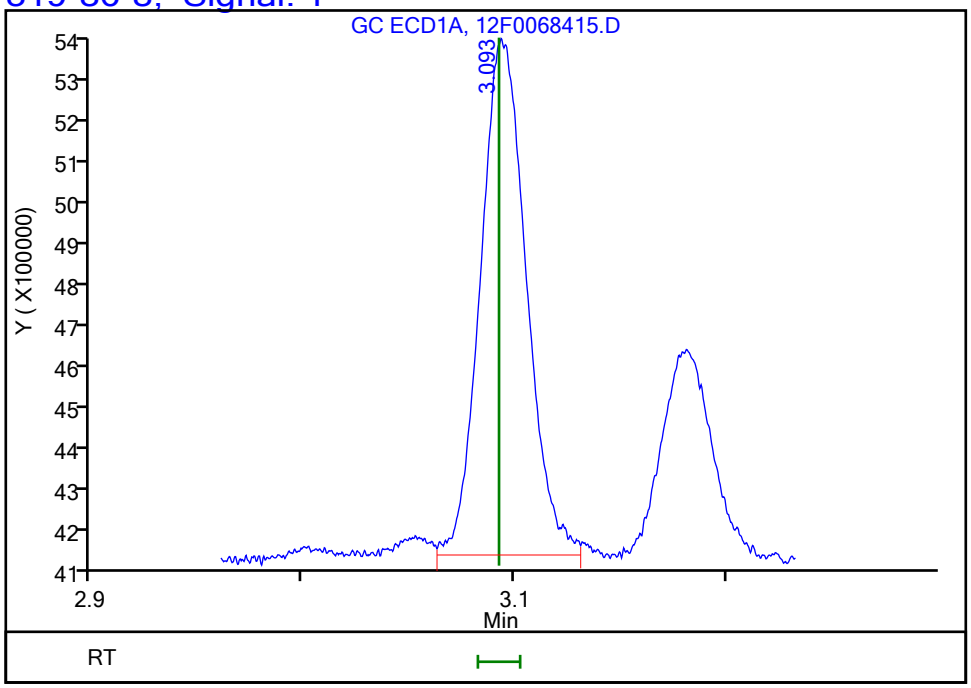
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

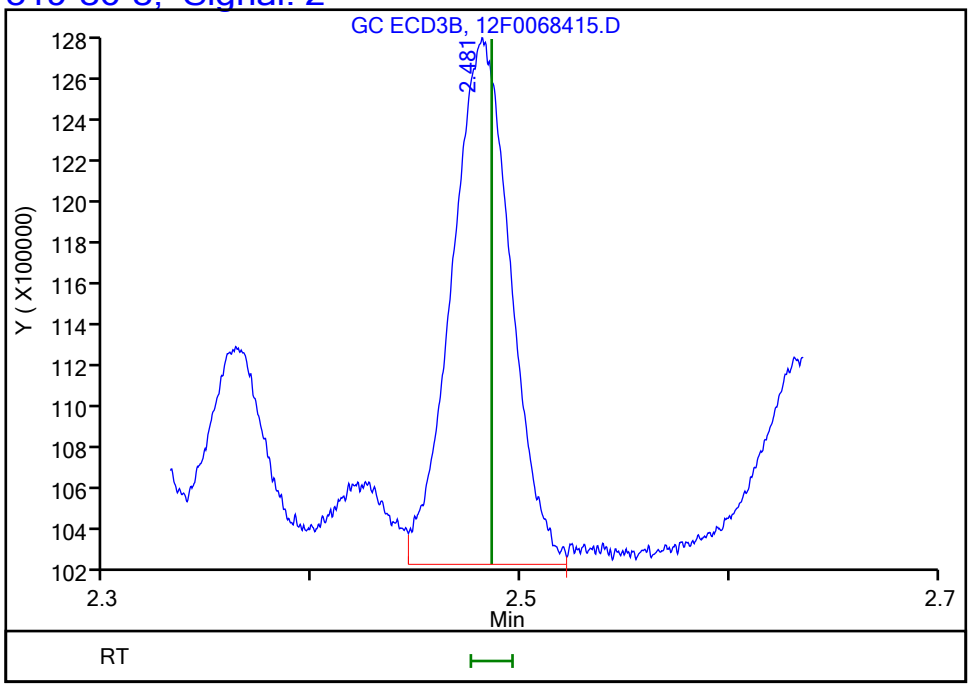
RT: 3.09
Response: 1790255
Amount: 0.570047




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.48
Response: 4787951
Amount: 0.578672




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

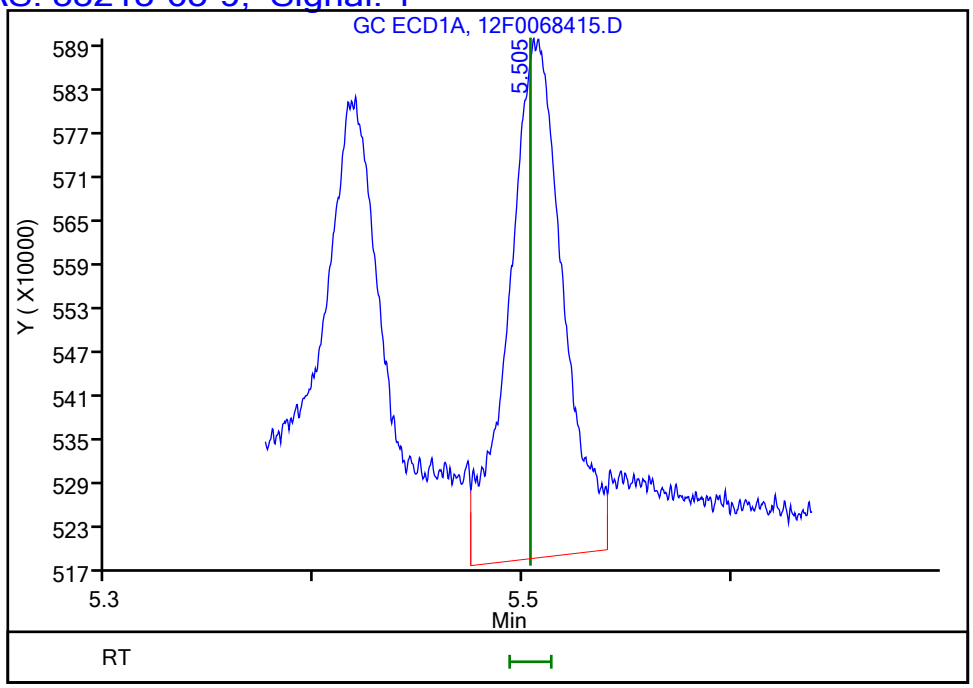
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

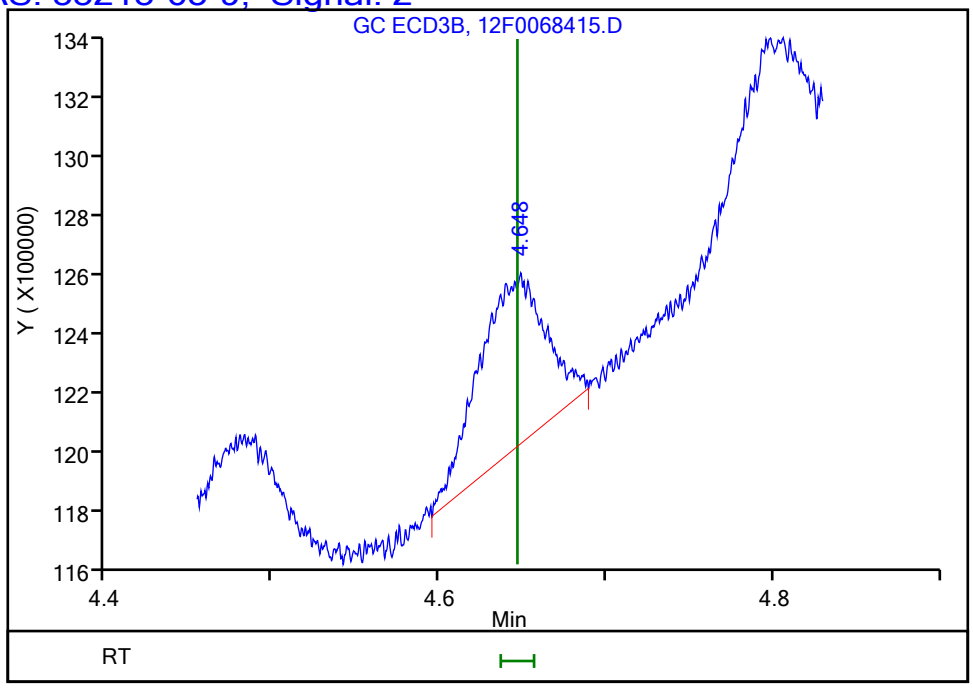
RT: 5.50
Response: 1279274
Amount: 0.574239




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.65
Response: 1571304
Amount: 0.294246




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

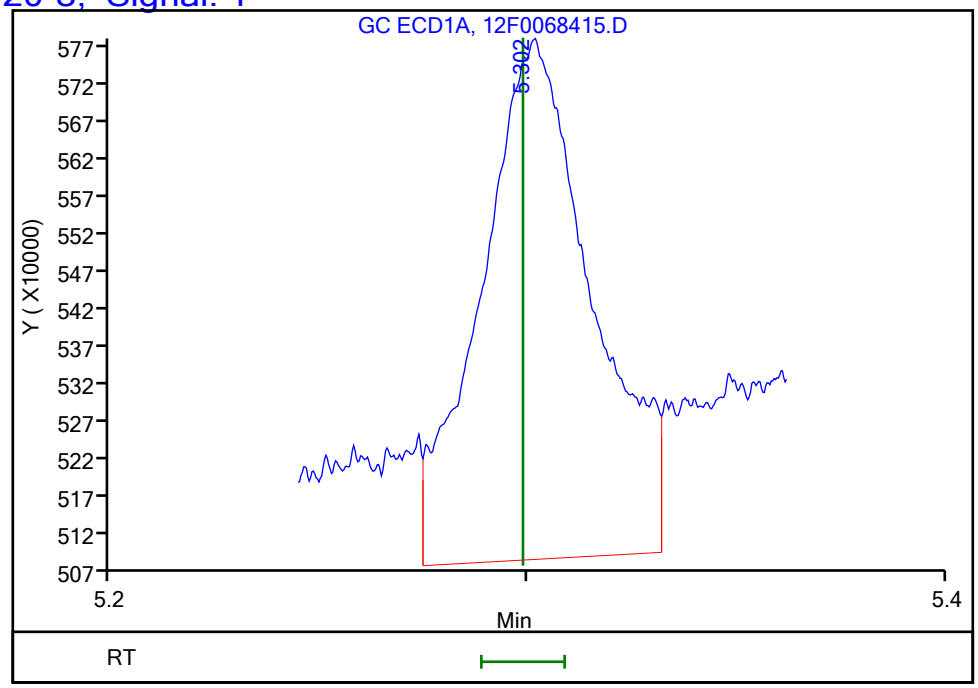
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8, Signal: 1

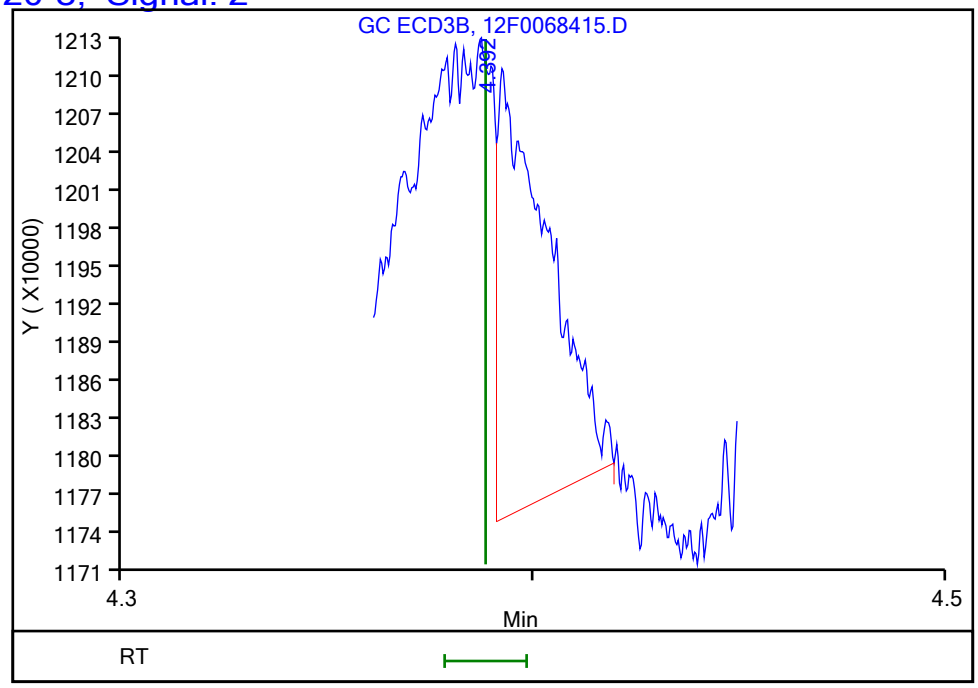
RT: 5.30
Response: 1285202
Amount: 0.537591




Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.39
Response: 289671
Amount: 0.048504




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

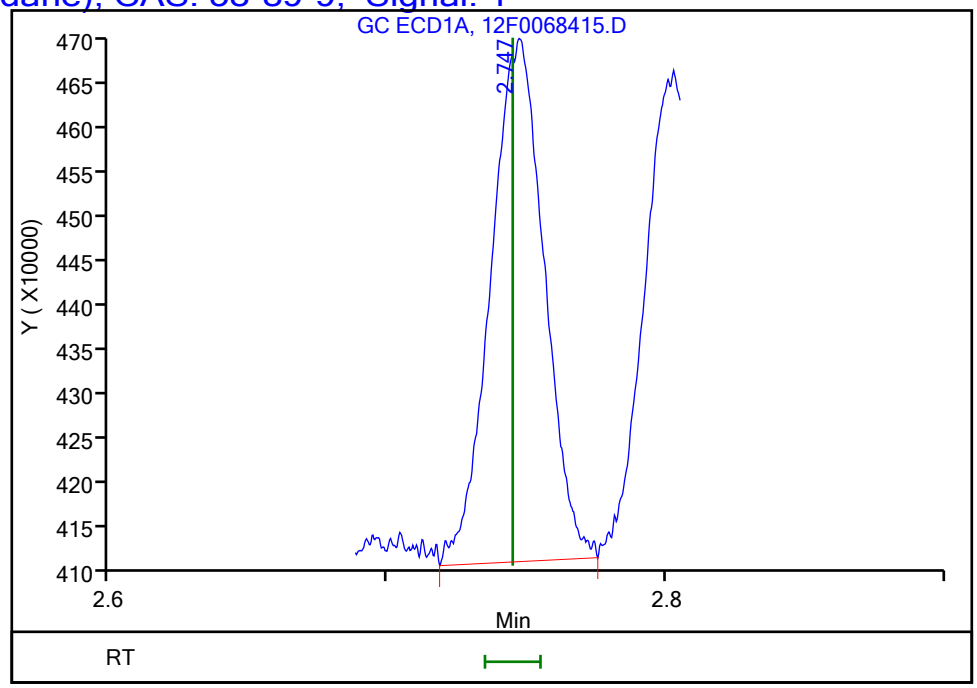
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

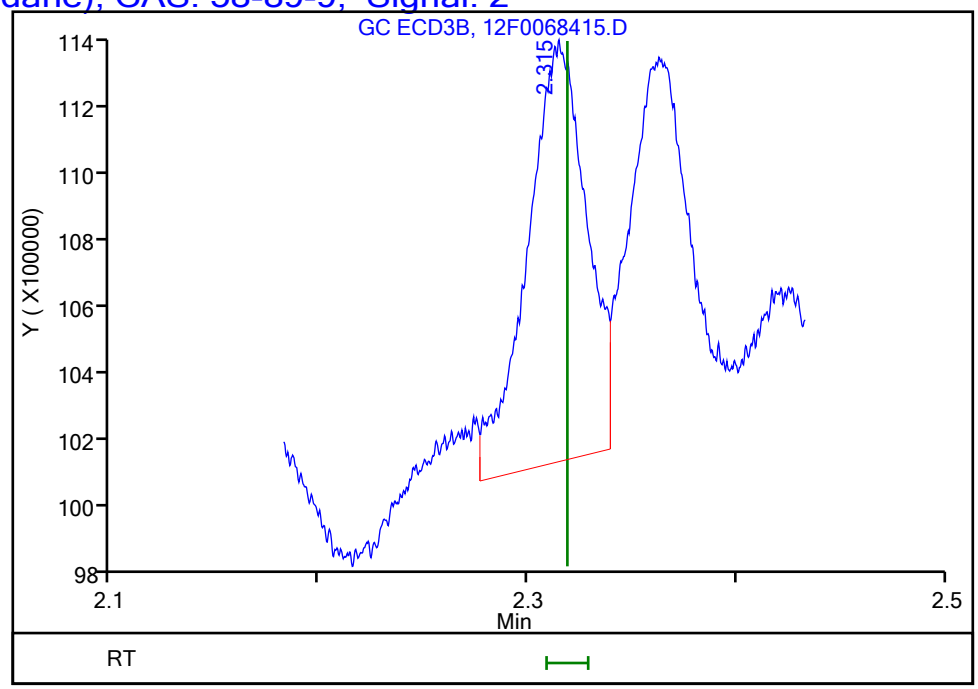
RT: 2.75
Response: 798678
Amount: 0.246603




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.31
Response: 2255730
Amount: 0.213639




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

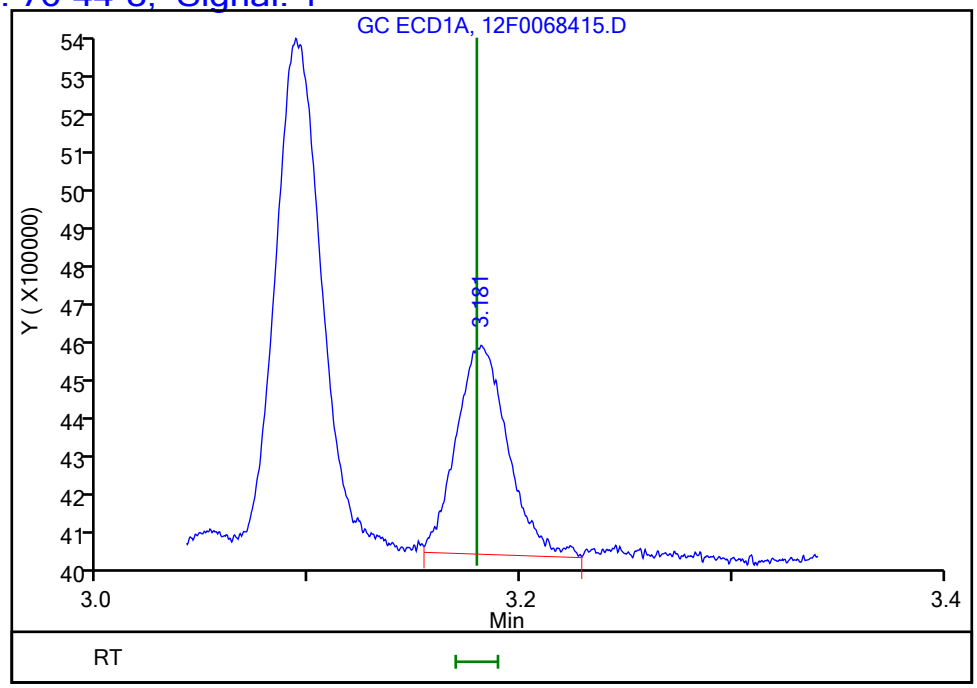
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8, Signal: 1

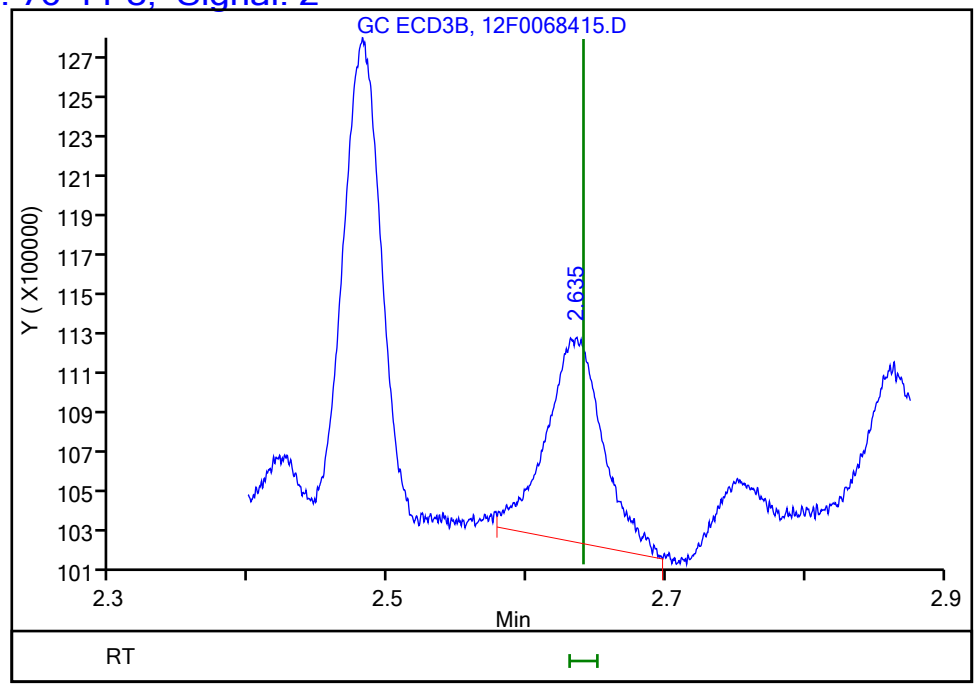
RT: 3.18
Response: 835024
Amount: 0.304693




Column: Detector GC ECD2B

## 18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.64
Response: 2846160
Amount: 0.397733




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

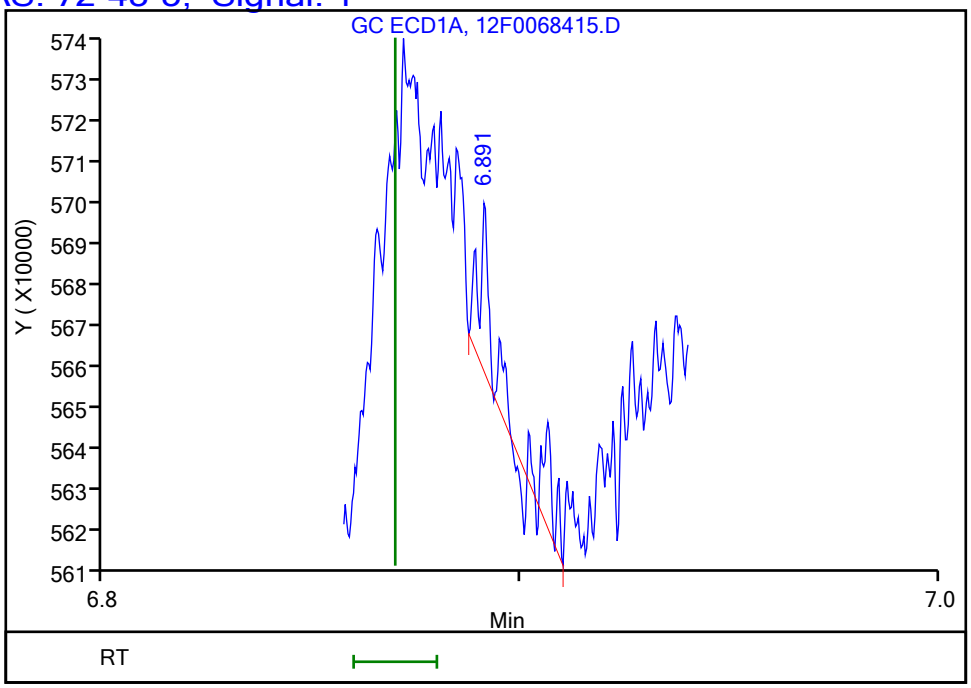
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

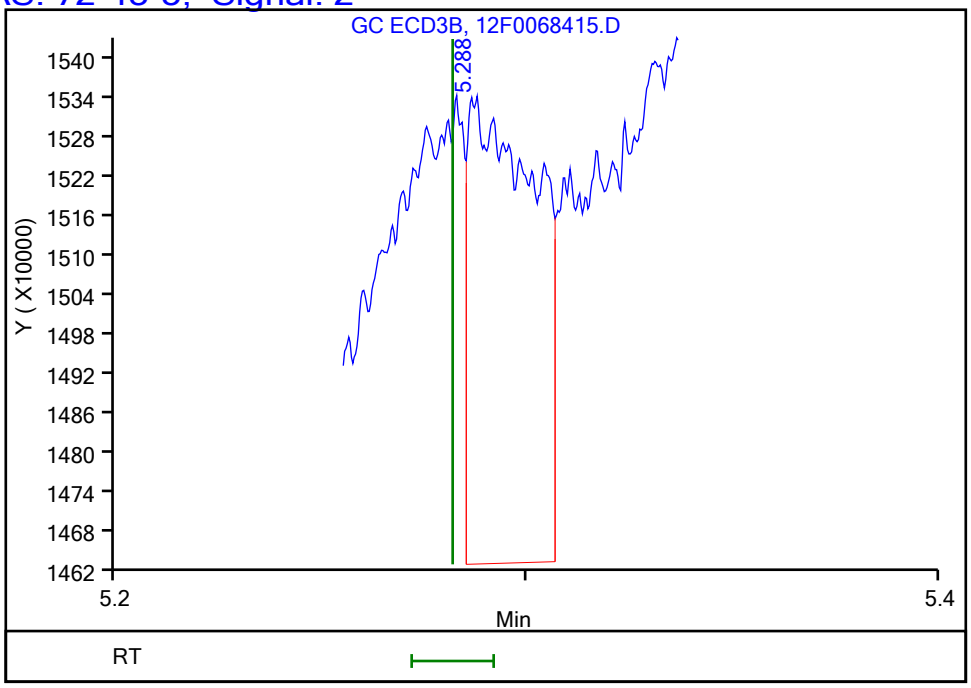
RT: 6.89
Response: 13911
Amount: 0.012917




Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 797759
Amount: 0.269373




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020035/1

Matrix: Solid | Lab File ID: 12F0068415.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 02:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020035 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC12

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-55-9* | *4,4'-DDE* | *0.020* | *U* | *0.020* | *0.0020* |
| *50-29-3* | *4,4'-DDT* | *0.020* | *U* | *0.020* | *0.0040* |
| *309-00-2* | *Aldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *319-84-6* | *alpha-BHC* | *0.020* | *U* | *0.020* | *0.0070* |
| *319-85-7* | *beta-BHC* | *0.020* | *U* | *0.020* | *0.015* |
| *12789-03-6* | *Chlordane (technical)* | *0.20* | *U* | *0.20* | *0.055* |
| *319-86-8* | *delta-BHC* | *0.020* | *U* | *0.020* | *0.0050* |
| *60-57-1* | *Dieldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *959-98-8* | *Endosulfan I* | *0.020* | *U* | *0.020* | *0.0020* |
| *33213-65-9* | *Endosulfan II* | *0.020* | *U* | *0.020* | *0.0040* |
| *1031-07-8* | *Endosulfan sulfate* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-20-8* | *Endrin* | *0.020* | *U* | *0.020* | *0.0040* |
| *7421-93-4* | *Endrin aldehyde* | *0.020* | *U* | *0.020* | *0.0080* |
| *53494-70-5* | *Endrin ketone* | *0.020* | *U* | *0.020* | *0.0080* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.020* | *U* | *0.020* | *0.012* |
| *76-44-8* | *Heptachlor* | *0.020* | *U* | *0.020* | *0.0030* |
| *1024-57-3* | *Heptachlor epoxide* | *0.020* | *U* | *0.020* | *0.0050* |
| *72-43-5* | *Methoxychlor* | *0.020* | *U* | *0.020* | *0.0040* |
| *8001-35-2* | *Toxaphene* | *0.50* | *U* | *0.50* | *0.11* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 80 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 80 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:21 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:04:12

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.513 | 1.512 | 0.001 | 221708743 | 100.0 | 100.0 | |
| 2 | 1.435 | 1.436 | -0.001 | 547971217 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.030 | 2.030 | 0.000 | 43948713 | 20.0 | 15.6 | |
| 2 | 1.805 | 1.809 | -0.004 | 116289900 | 20.0 | 16.0 | |
| | | | | | | RPD = 2.66 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.324 | 8.316 | 0.008 | 40381758 | 20.0 | 18.3 | |
| 2 | 7.323 | 7.328 | -0.005 | 129416416 | 20.0 | 16.1 | |
| | | | | | | RPD = 13.11 | |

## QC Flag Legend
Processing Flags

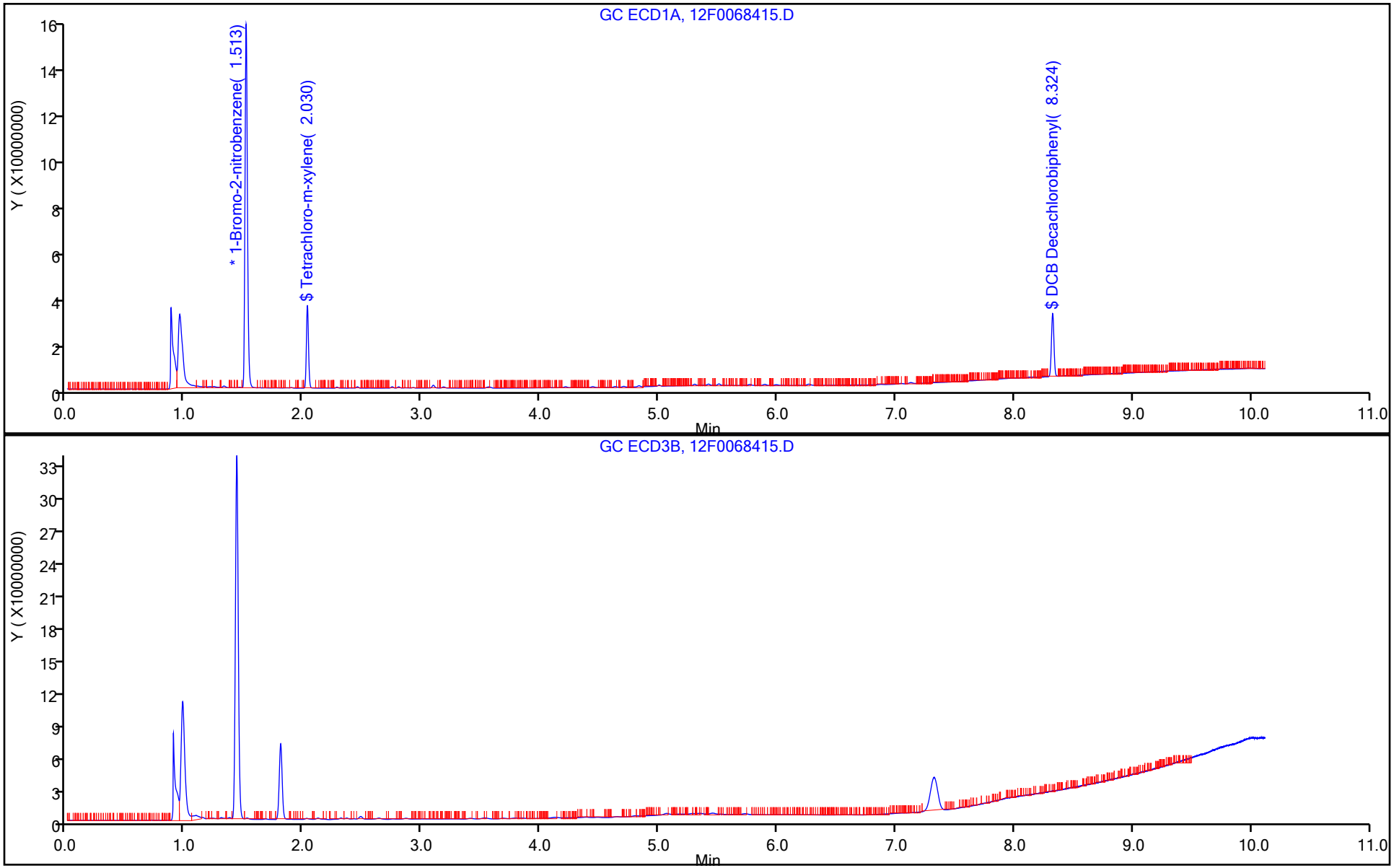
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:28:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:18:21 | Instrument ID: | CPESTGC12 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | GC8081 | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:21 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC12

Method: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\GC8081.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:27:05 Calib Date: 22-Jan-2025 13:43:50
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC12\20250122-186052.b\12F0068071.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:04:12

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 15.6 | 78.13 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 18.3 | 91.56 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 16.0 | 80.23 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 16.1 | 80.29 |

User Disabled Compound Report

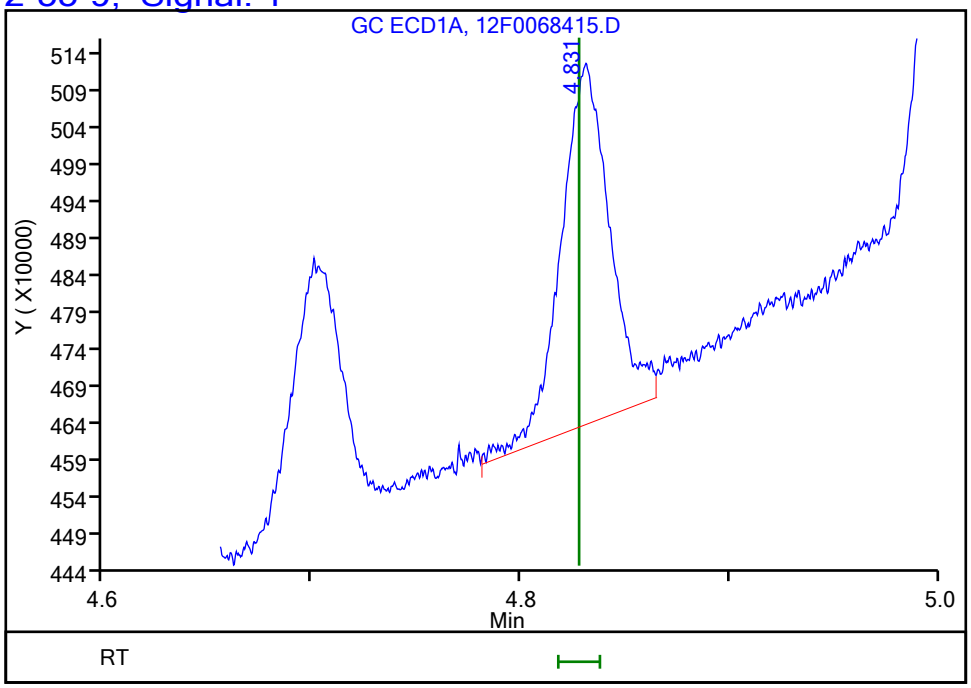
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 25 4,4'-DDE, CAS: 72-55-9, Signal: 1

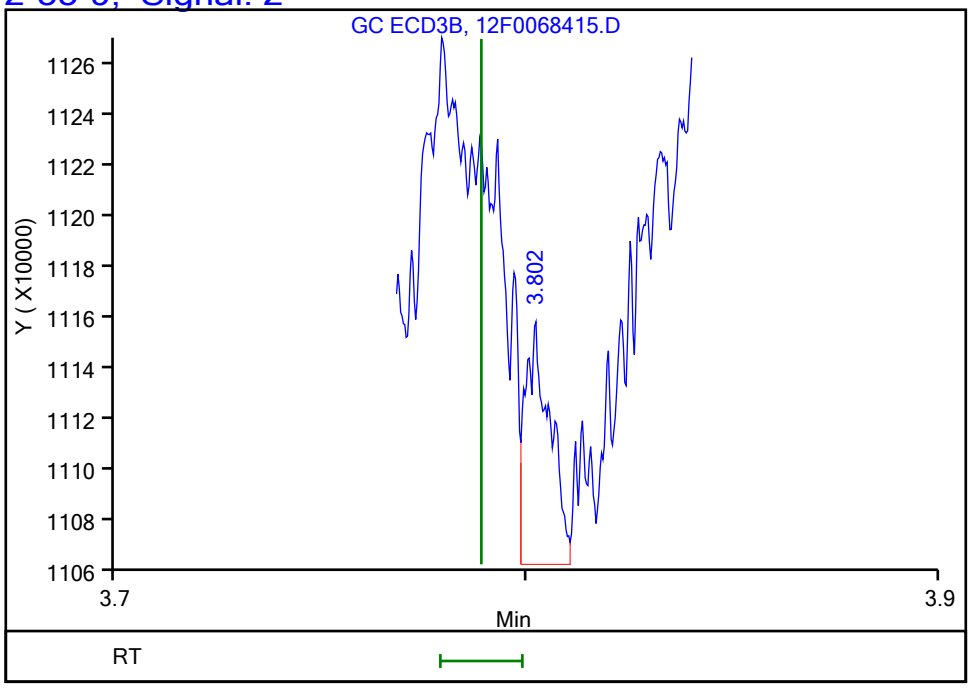
RT: 4.83
Response: 796571
Amount: 0.276940




Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9, Signal: 2

RT: 3.80
Response: 37145
Amount: 0.004500




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

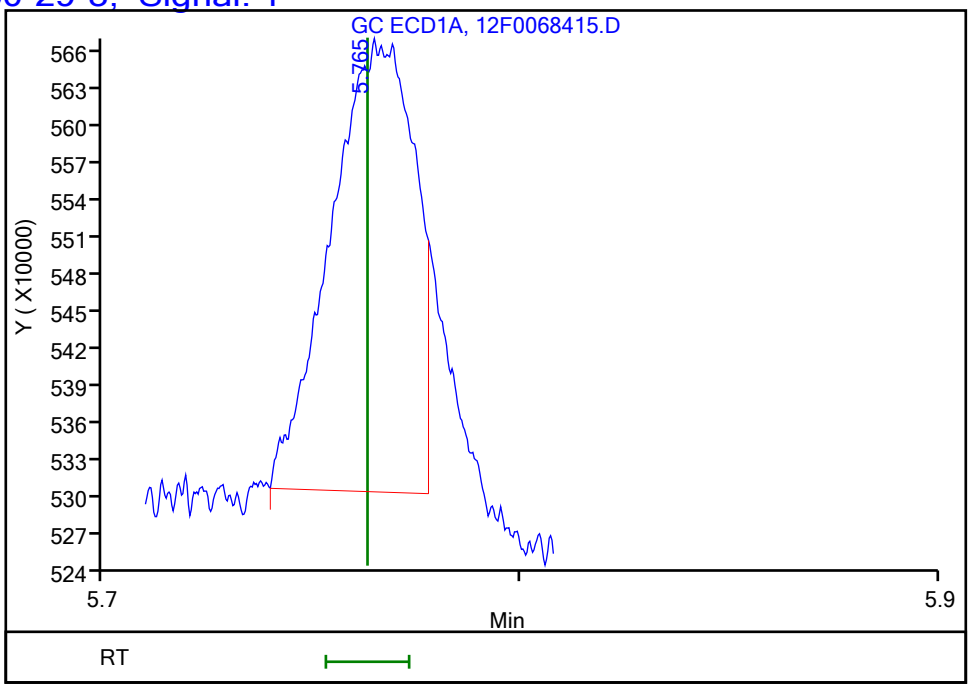
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

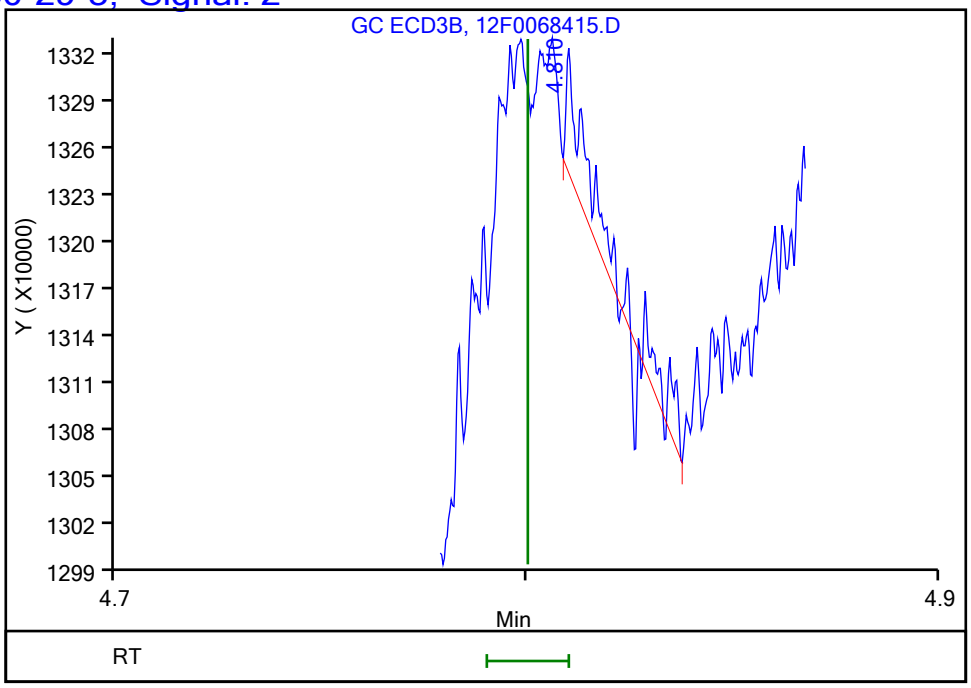
RT: 5.76
Response: 510909
Amount: 0.255858




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 4.81
Response: 62115
Amount: 0.012340




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

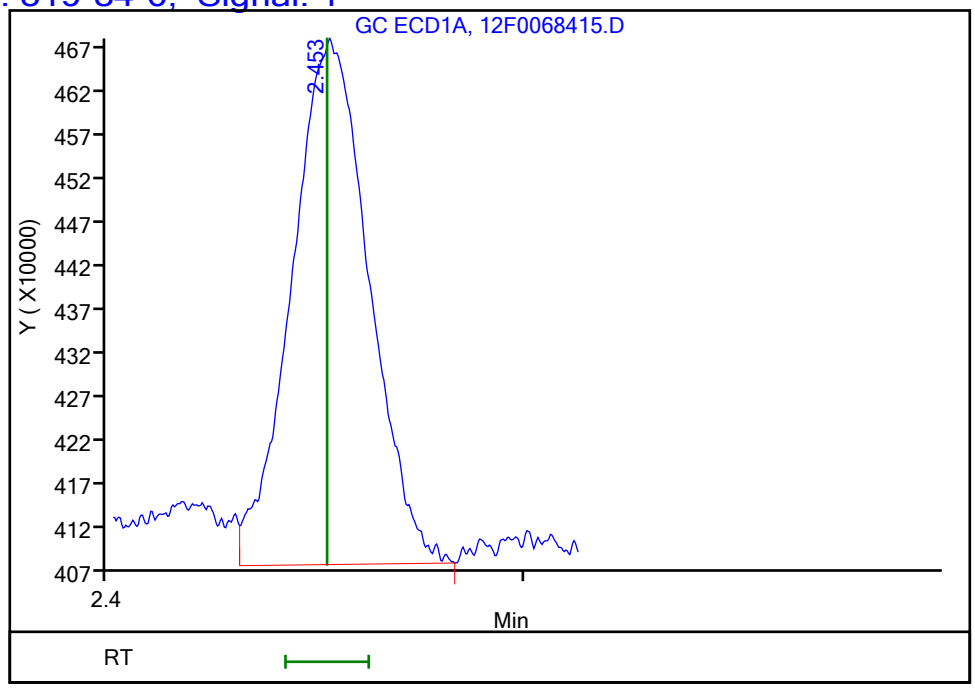
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 15 alpha-BHC, CAS: 319-84-6, Signal: 1

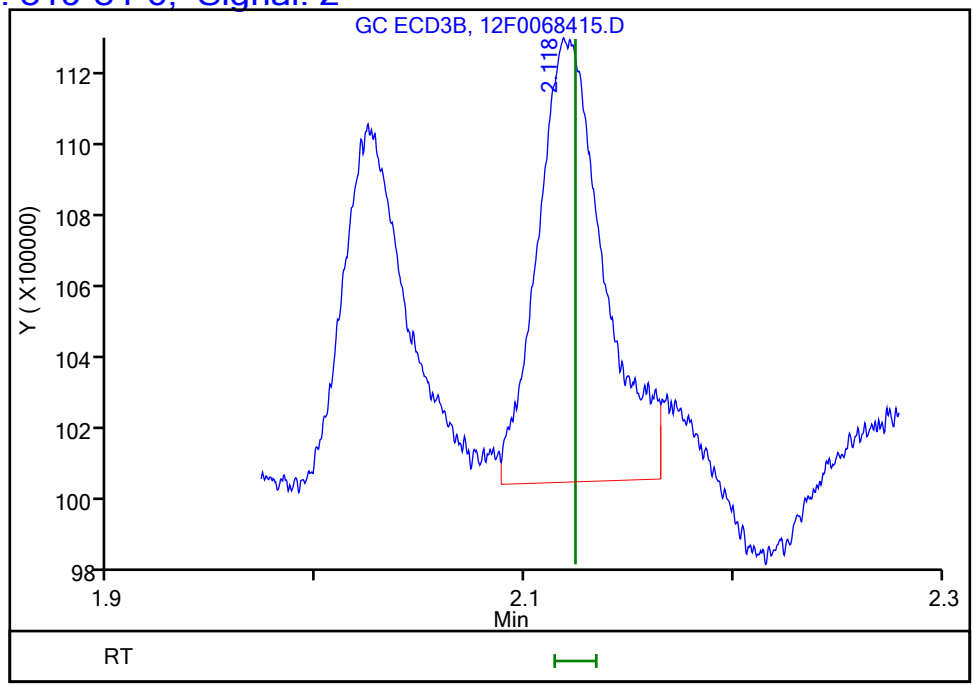
RT: 2.45
Response: 771582
Amount: 0.205696




Column: Detector GC ECD2B

## 15 alpha-BHC, CAS: 319-84-6, Signal: 2

RT: 2.12
Response: 2528697
Amount: 0.247296




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

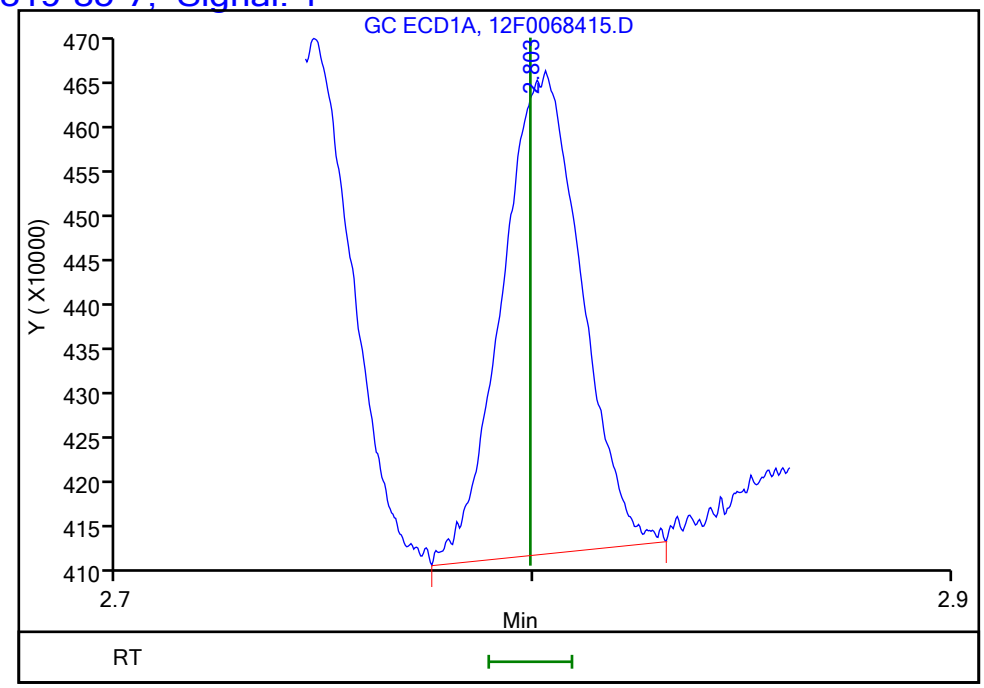
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

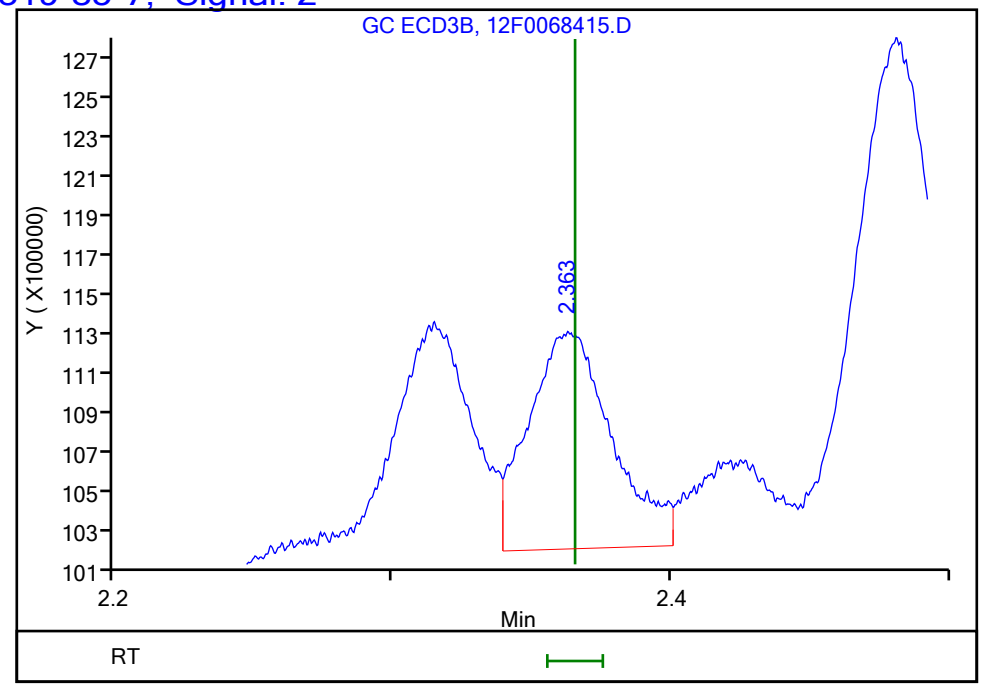
RT: 2.80
Response: 713689
Amount: 0.507443




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.36
Response: 2185249
Amount: 0.653825




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

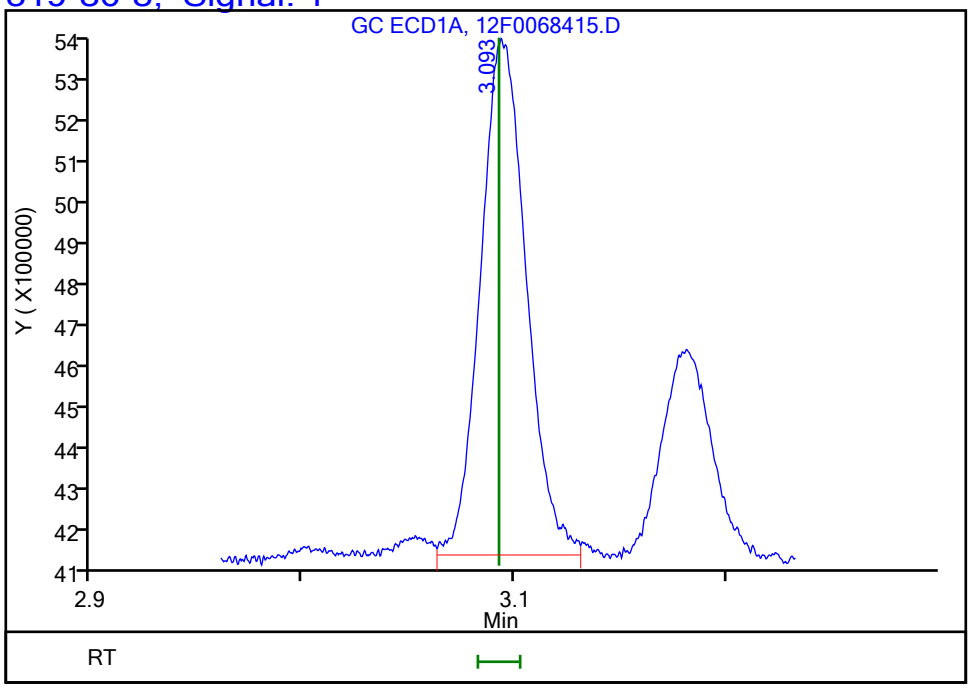
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

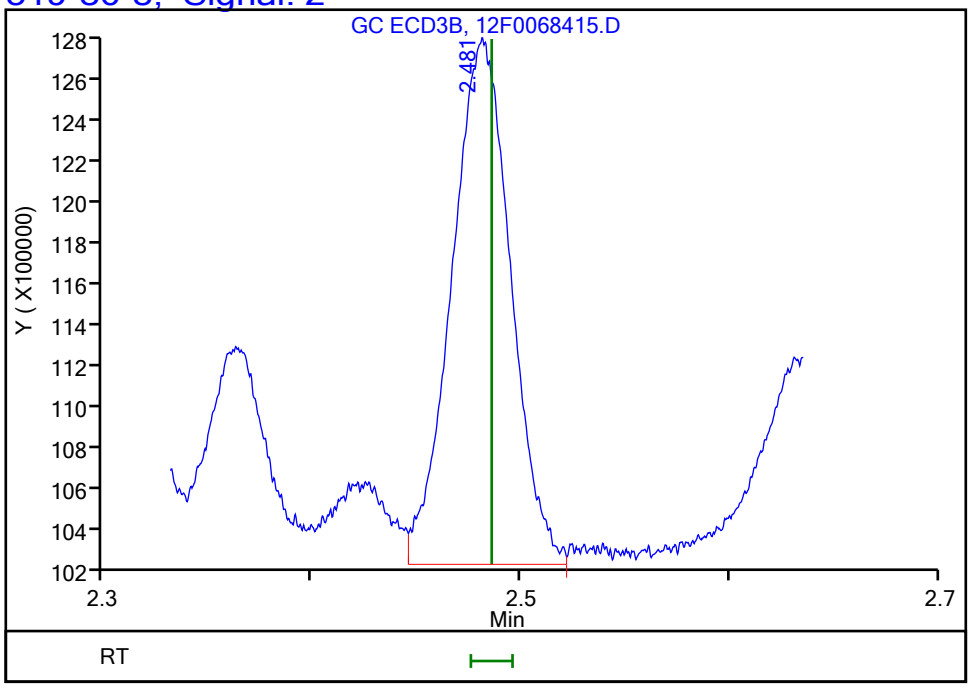
RT: 3.09
Response: 1790255
Amount: 0.570047




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.48
Response: 4787951
Amount: 0.578672




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

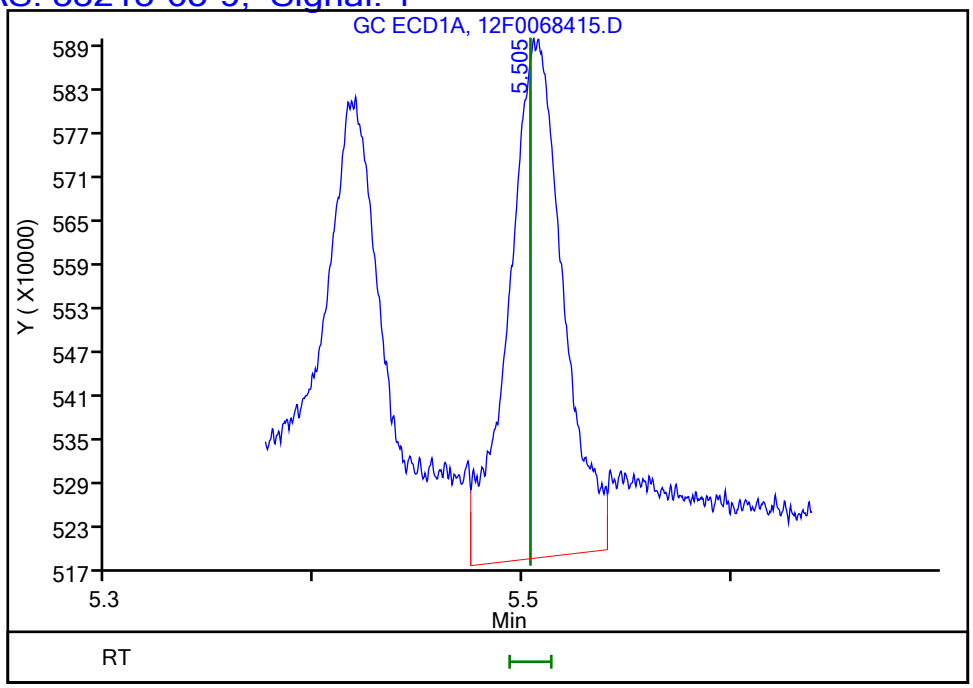
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

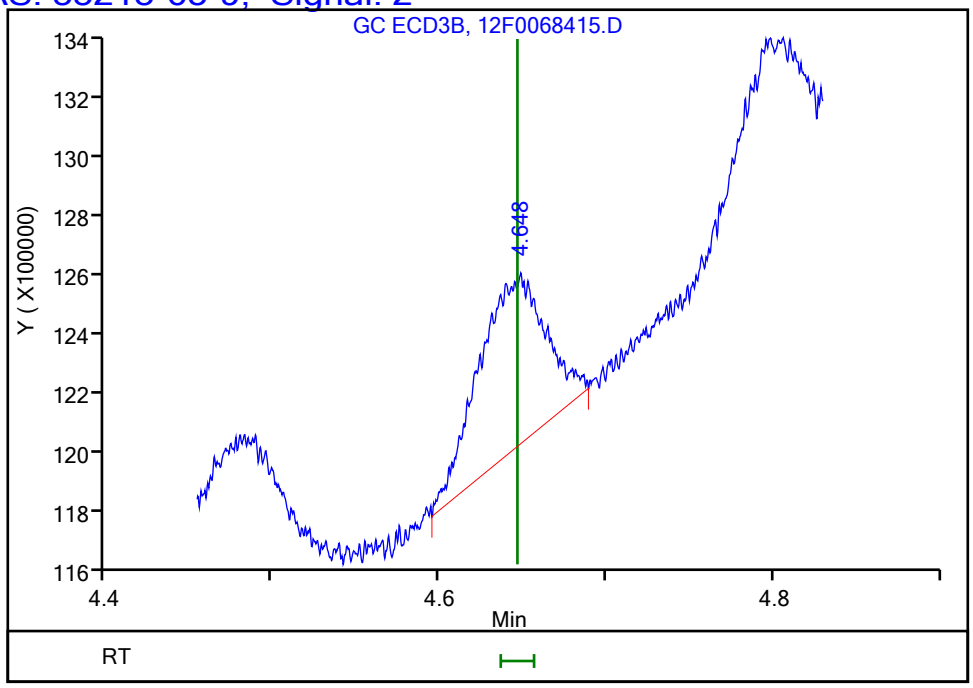
RT: 5.50
Response: 1279274
Amount: 0.574239




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.65
Response: 1571304
Amount: 0.294246




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

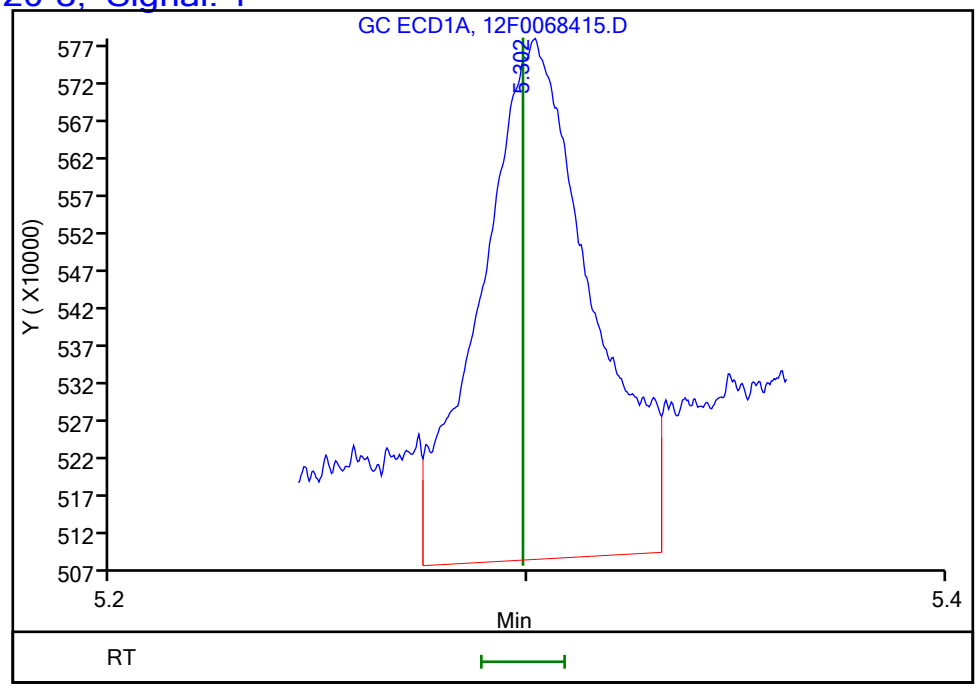
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8, Signal: 1

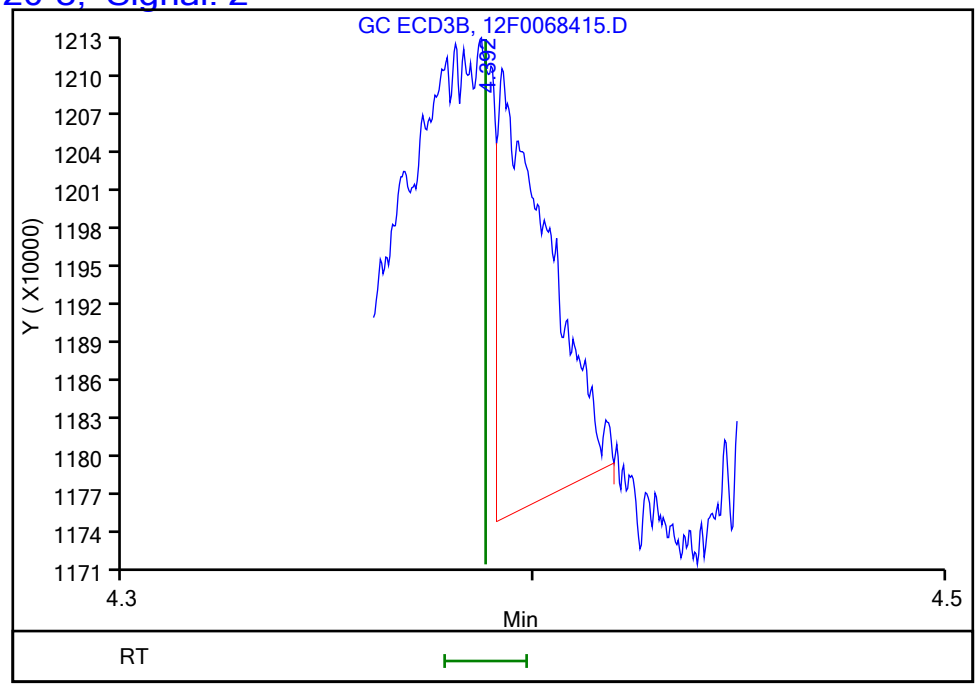
RT: 5.30
Response: 1285202
Amount: 0.537591




Column: Detector GC ECD2B

## 20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.39
Response: 289671
Amount: 0.048504




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

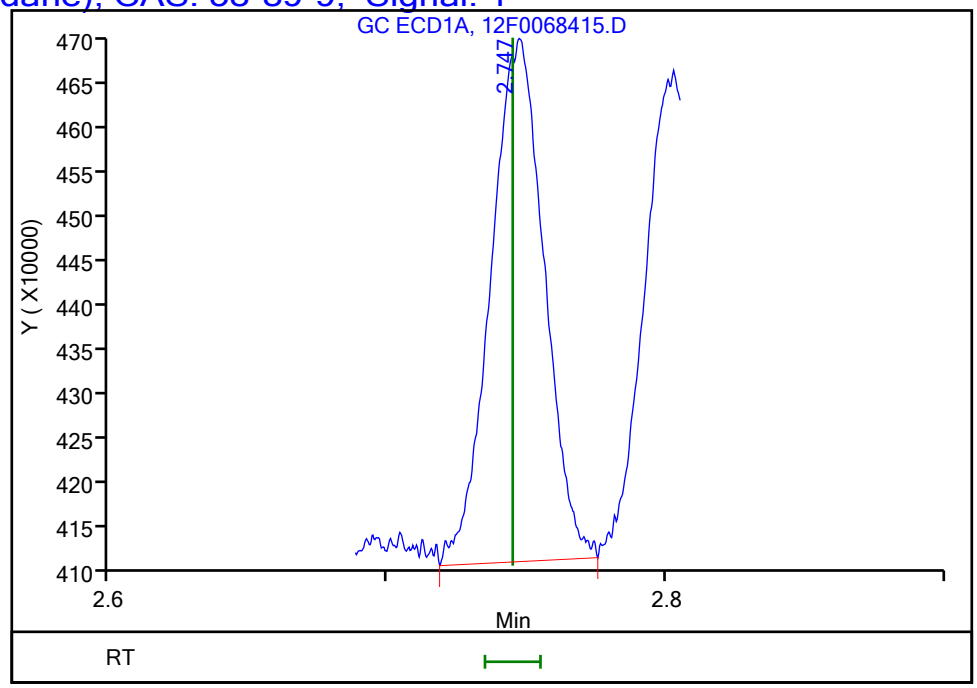
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

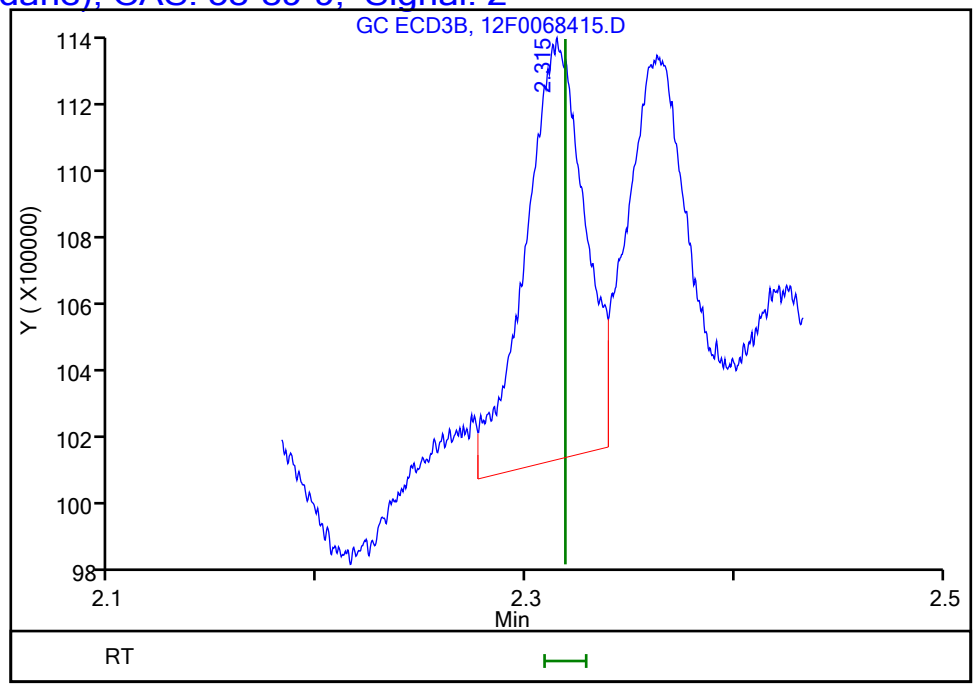
RT: 2.75
Response: 798678
Amount: 0.246603




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.31
Response: 2255730
Amount: 0.213639




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

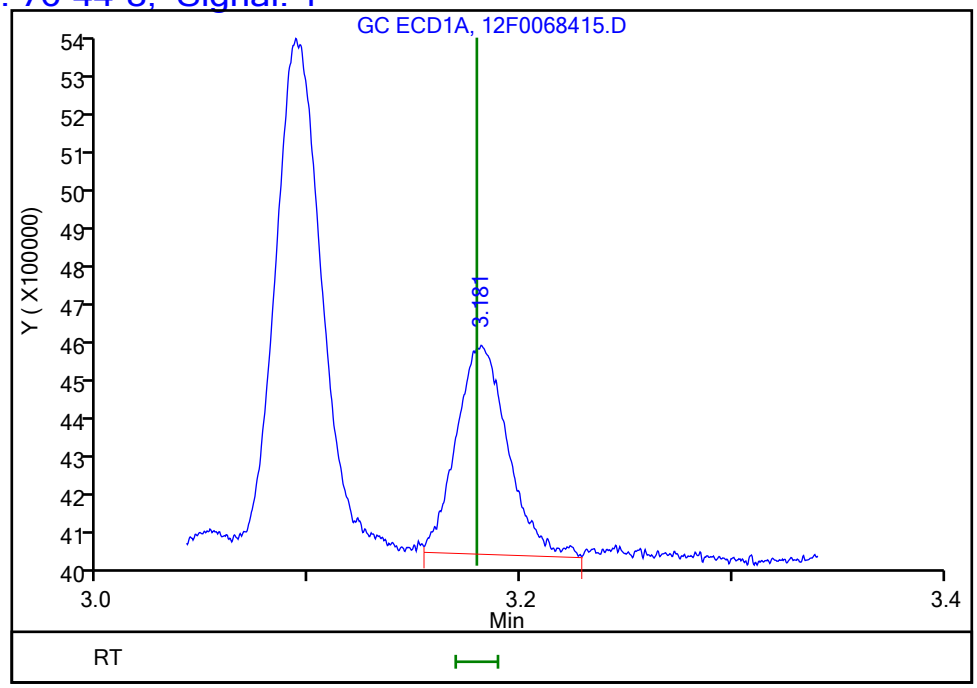
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8, Signal: 1

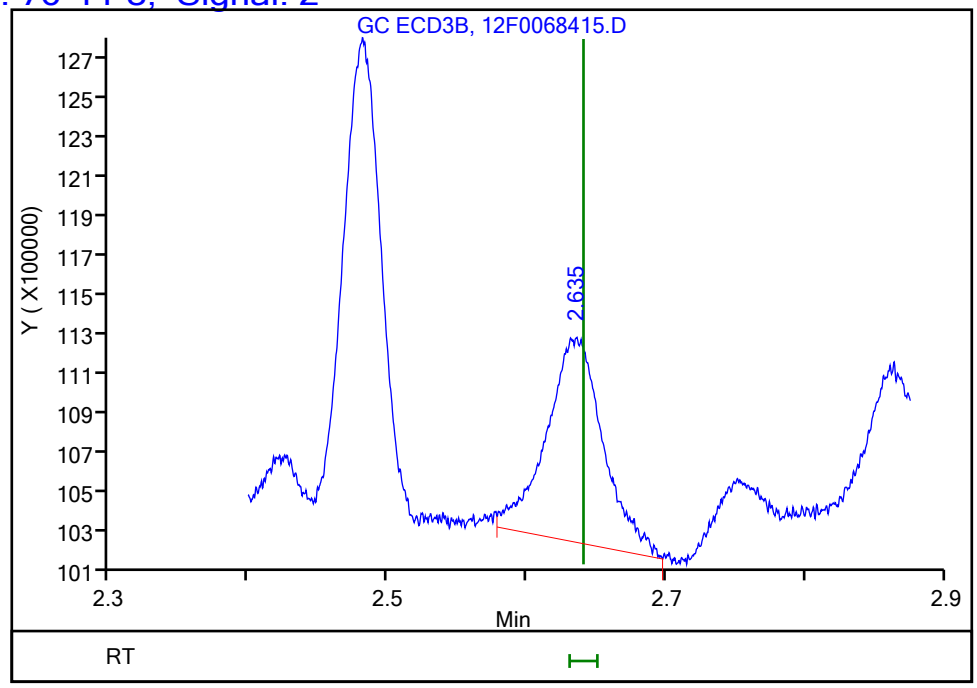
RT: 3.18
Response: 835024
Amount: 0.304693




Column: Detector GC ECD2B

## 18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.64
Response: 2846160
Amount: 0.397733




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

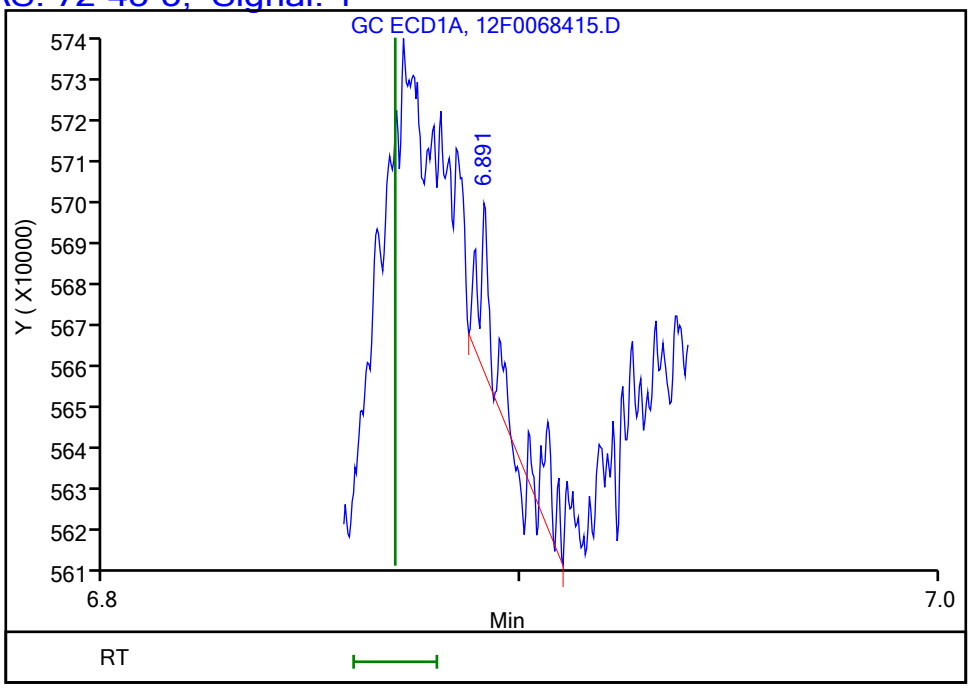
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC12\20250207-186626.b\12F0068415.D
Injection Date: 07-Feb-2025 02:18:21 Instrument ID: CPESTGC12
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC8081 Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5, Signal: 1

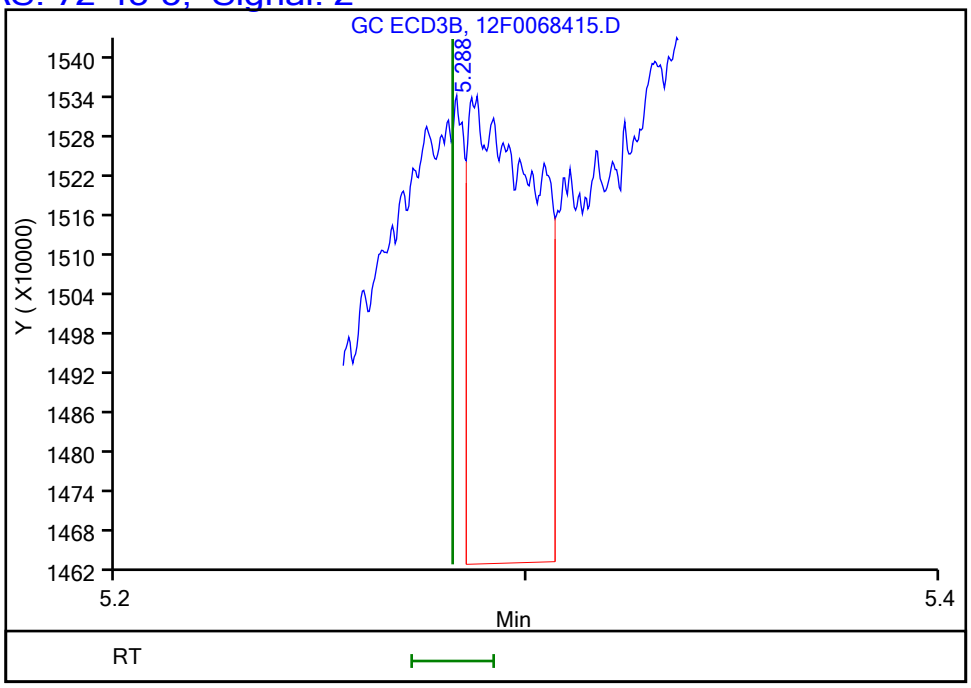
RT: 6.89
Response: 13911
Amount: 0.012917




Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 797759
Amount: 0.269373




Reviewer: ESS0, 07-Feb-2025 03:04:12
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020038/1

Matrix: Solid | Lab File ID: 5F0977918.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 02:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.020 | U | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.020 | U | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.020 | U | 0.020 | 0.015 |
| 12789-03-6 | Chlordane (technical) | 0.20 | U | 0.20 | 0.055 |
| 319-86-8 | delta-BHC | 0.020 | U | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.020 | U | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.020 | U | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.020 | U | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.020 | U | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.020 | U | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.020 | U | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.020 | U | 0.020 | 0.0040 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 120 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 90 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:09:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.509 | 0.007 | 33538011 | 100.0 | 100.0 | |
| 2 | 1.612 | 1.611 | 0.001 | 60867140 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.024 | 2.016 | 0.008 | 6457102 | 20.0 | 18.0 | |
| 2 | 1.997 | 1.996 | 0.001 | 14839512 | 20.0 | 20.1 | |
| | | | | | | RPD = 10.97 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.095 | 8.090 | 0.005 | 13128794 | 20.0 | 24.1 | |
| 2 | 7.309 | 7.308 | 0.001 | 17937345 | 20.0 | 20.0 | |
| | | | | | | RPD = 18.35 | |

## QC Flag Legend
Processing Flags

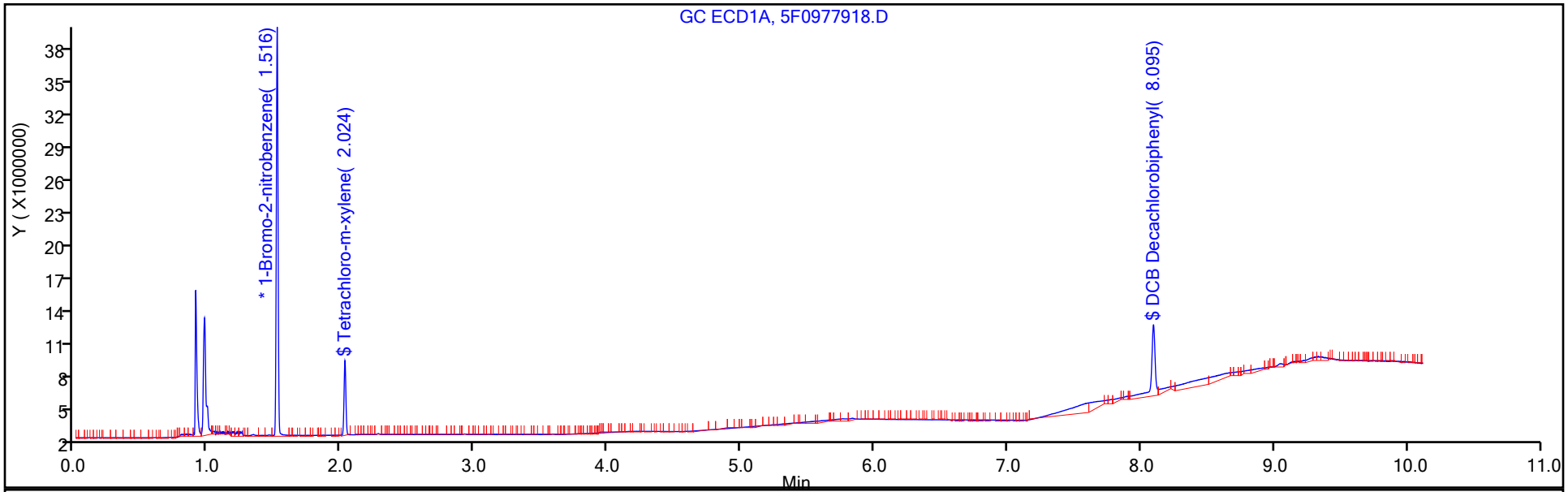
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

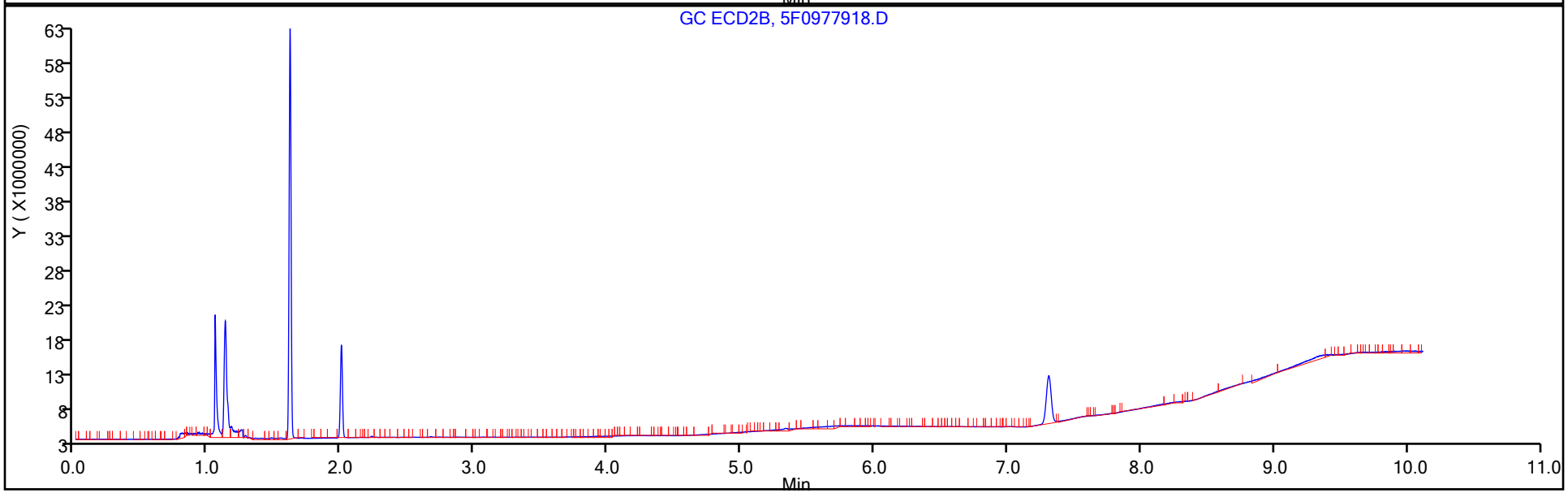
Report Date: 07-Feb-2025 07:47:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:18:30 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:09:24

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 18.0 | 90.01 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 24.1 | 120.27 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 20.1 | 100.46 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 20.0 | 100.06 |

User Disabled Compound Report

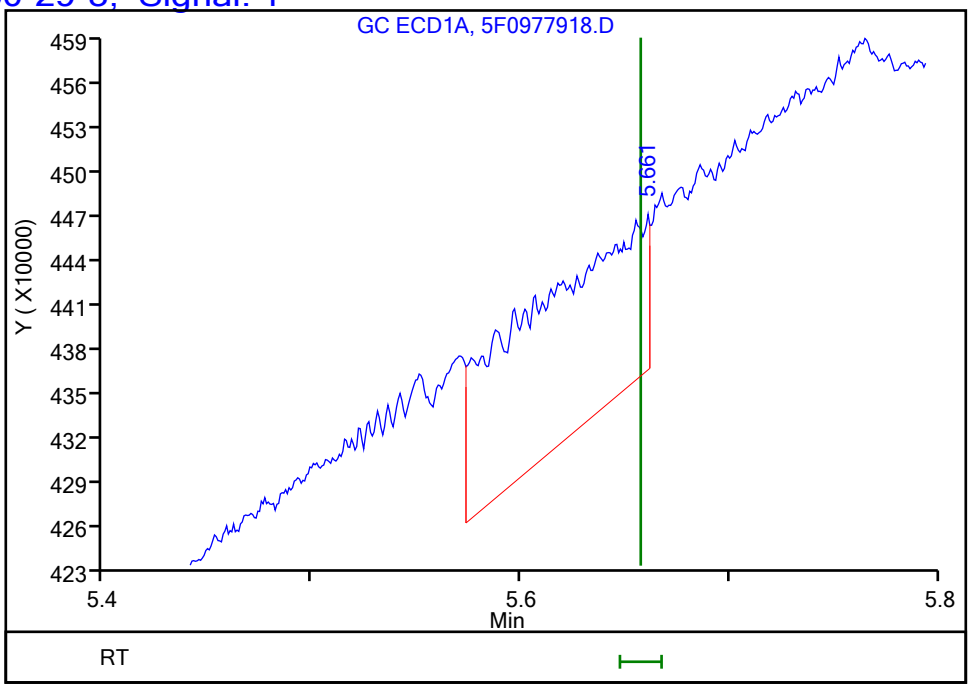
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

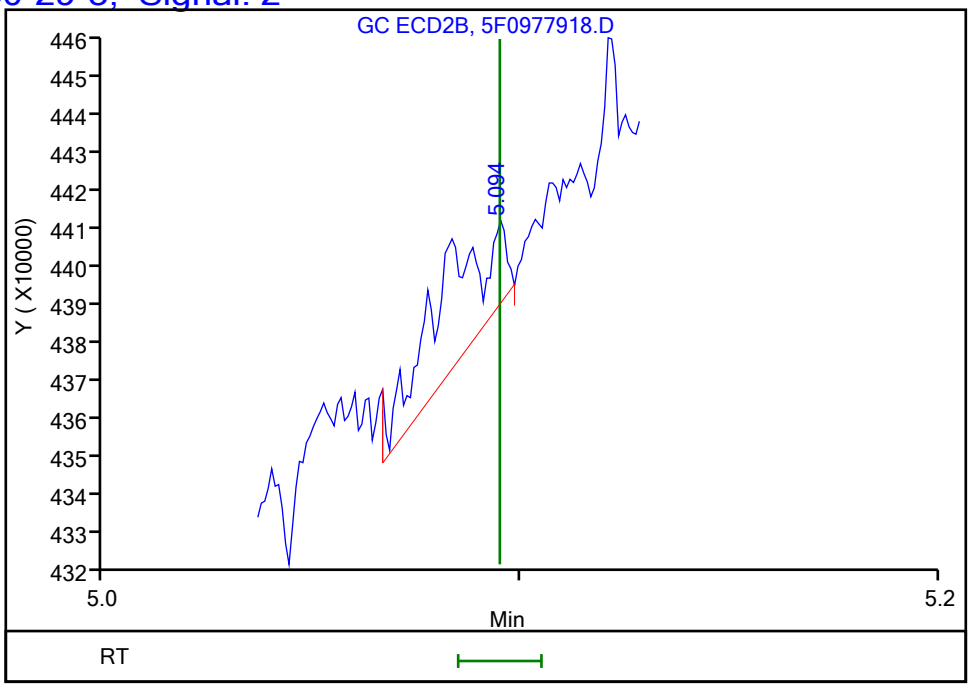
RT: 5.66
Response: 526203
Amount: 1.441897




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 5.09
Response: 31999
Amount: 0.041355




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

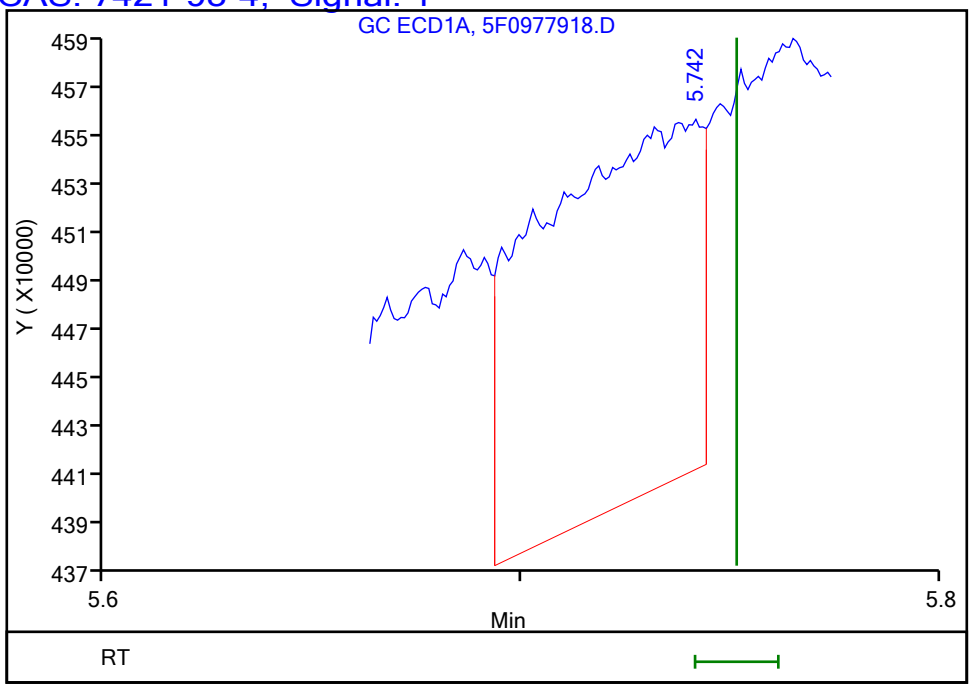
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

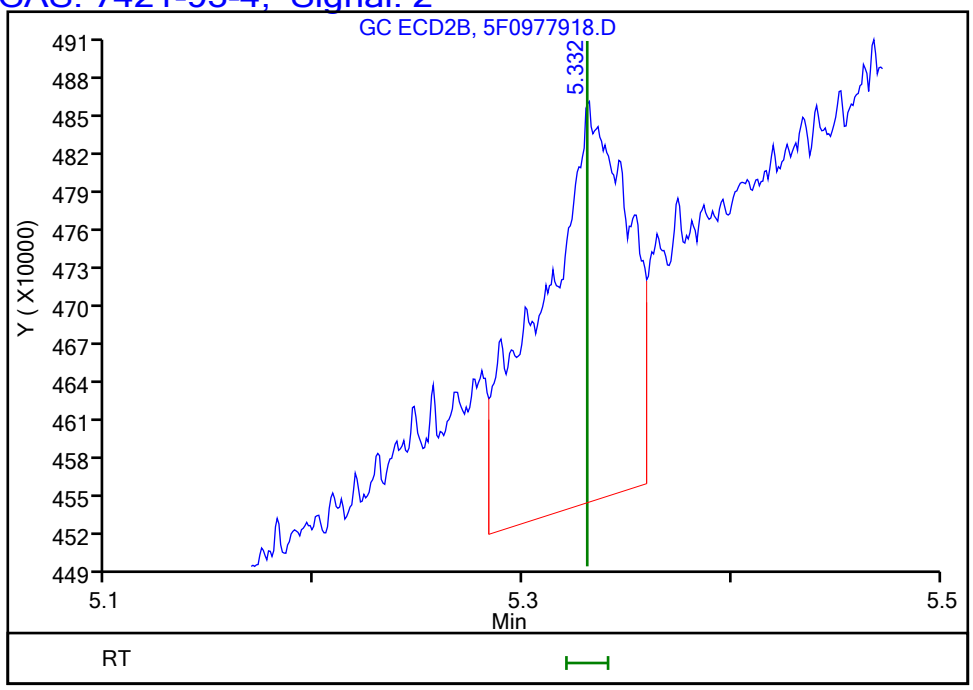
RT: 5.74
Response: 399337
Amount: 1.068141




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.33
Response: 895088
Amount: 1.373527




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

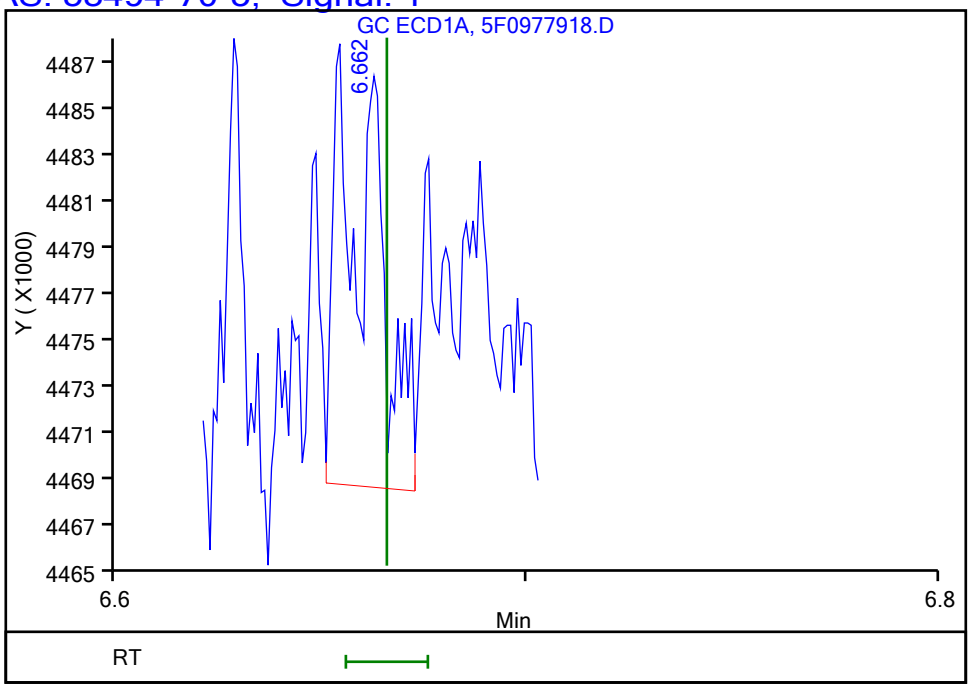
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

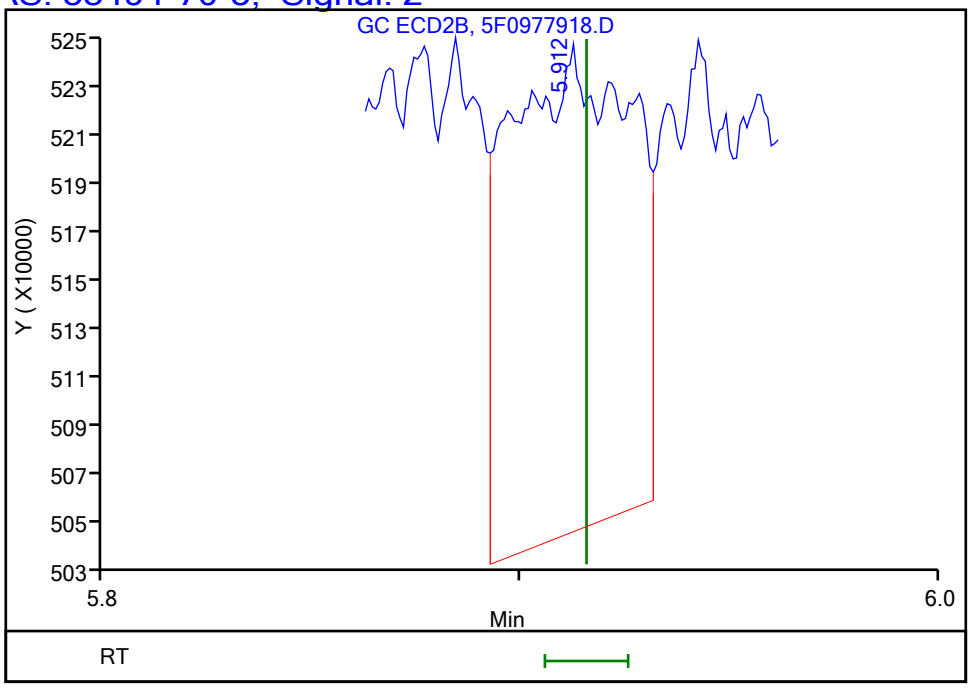
RT: 6.66
Response: 12103
Amount: 0.022168




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 398487
Amount: 0.428580




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020038/1

Matrix: Solid | Lab File ID: 5F0977918.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 02:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-55-9* | *4,4'-DDE* | *0.020* | *U* | *0.020* | *0.0020* |
| *50-29-3* | *4,4'-DDT* | *0.020* | *U* | *0.020* | *0.0040* |
| *309-00-2* | *Aldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *319-84-6* | *alpha-BHC* | *0.020* | *U* | *0.020* | *0.0070* |
| *319-85-7* | *beta-BHC* | *0.020* | *U* | *0.020* | *0.015* |
| *12789-03-6* | *Chlordane (technical)* | *0.20* | *U* | *0.20* | *0.055* |
| *319-86-8* | *delta-BHC* | *0.020* | *U* | *0.020* | *0.0050* |
| *60-57-1* | *Dieldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *959-98-8* | *Endosulfan I* | *0.020* | *U* | *0.020* | *0.0020* |
| *33213-65-9* | *Endosulfan II* | *0.020* | *U* | *0.020* | *0.0040* |
| *1031-07-8* | *Endosulfan sulfate* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-20-8* | *Endrin* | *0.020* | *U* | *0.020* | *0.0040* |
| *7421-93-4* | *Endrin aldehyde* | *0.020* | *U* | *0.020* | *0.0080* |
| *53494-70-5* | *Endrin ketone* | *0.020* | *U* | *0.020* | *0.0080* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.020* | *U* | *0.020* | *0.012* |
| *76-44-8* | *Heptachlor* | *0.020* | *U* | *0.020* | *0.0030* |
| *1024-57-3* | *Heptachlor epoxide* | *0.020* | *U* | *0.020* | *0.0050* |
| *72-43-5* | *Methoxychlor* | *0.020* | *U* | *0.020* | *0.0040* |
| *8001-35-2* | *Toxaphene* | *0.50* | *U* | *0.50* | *0.11* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 100 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:09:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.516 | 1.509 | 0.007 | 33538011 | 100.0 | 100.0 | |
| 2 | 1.612 | 1.611 | 0.001 | 60867140 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.024 | 2.016 | 0.008 | 6457102 | 20.0 | 18.0 | |
| 2 | 1.997 | 1.996 | 0.001 | 14839512 | 20.0 | 20.1 | |
| | | | | | | RPD = 10.97 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.095 | 8.090 | 0.005 | 13128794 | 20.0 | 24.1 | |
| 2 | 7.309 | 7.308 | 0.001 | 17937345 | 20.0 | 20.0 | |
| | | | | | | RPD = 18.35 | |

## QC Flag Legend
Processing Flags

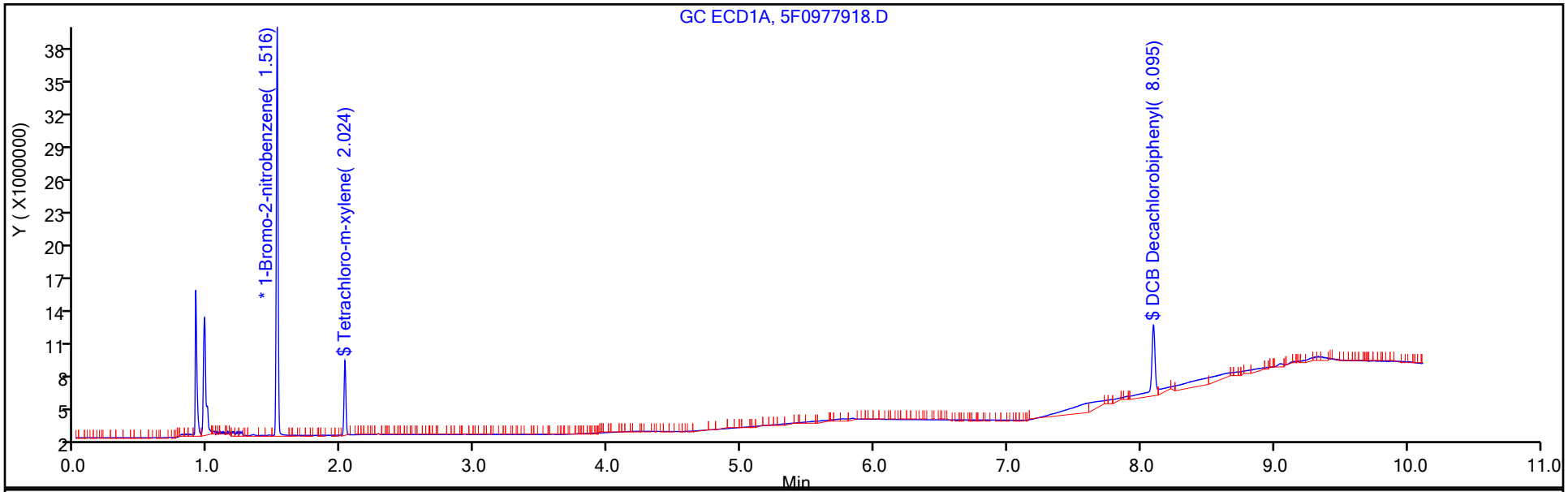
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

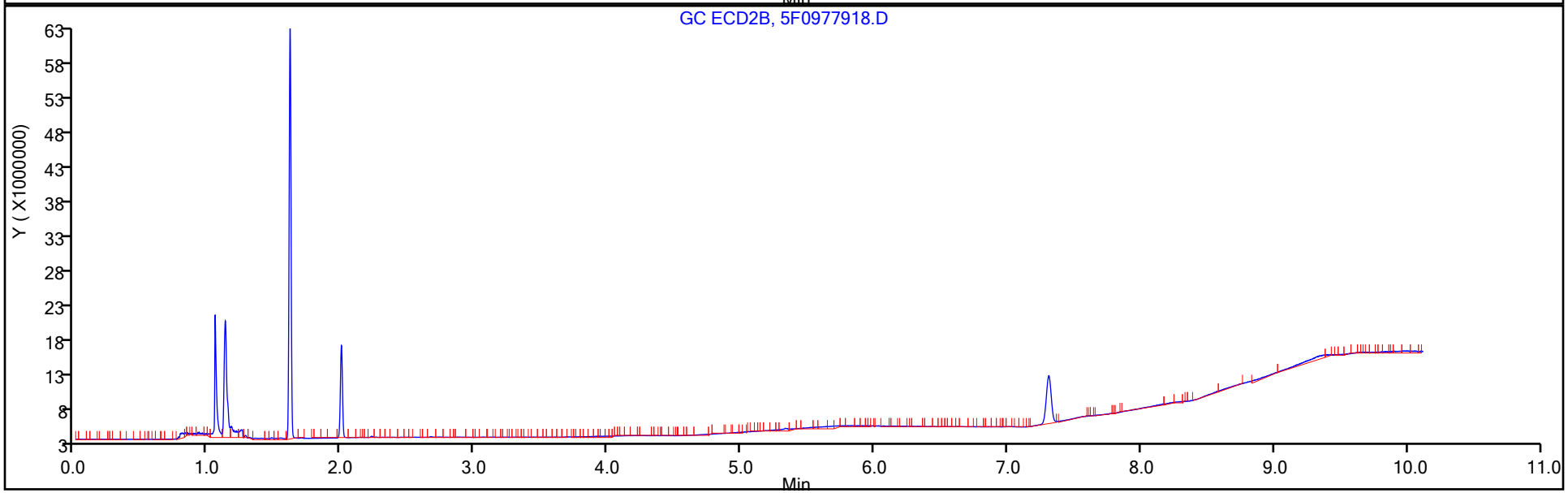
Report Date: 07-Feb-2025 07:47:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 02:18:30 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 02:18:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:20:32 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 03:09:24

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 18.0 | 90.01 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 24.1 | 120.27 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 20.1 | 100.46 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 20.0 | 100.06 |

User Disabled Compound Report

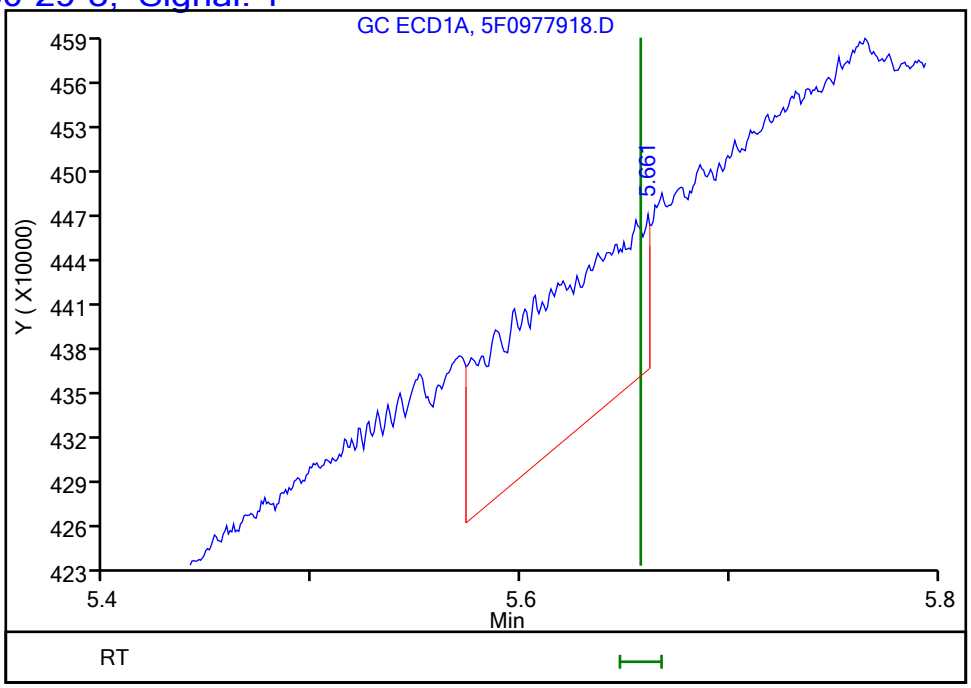
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 1

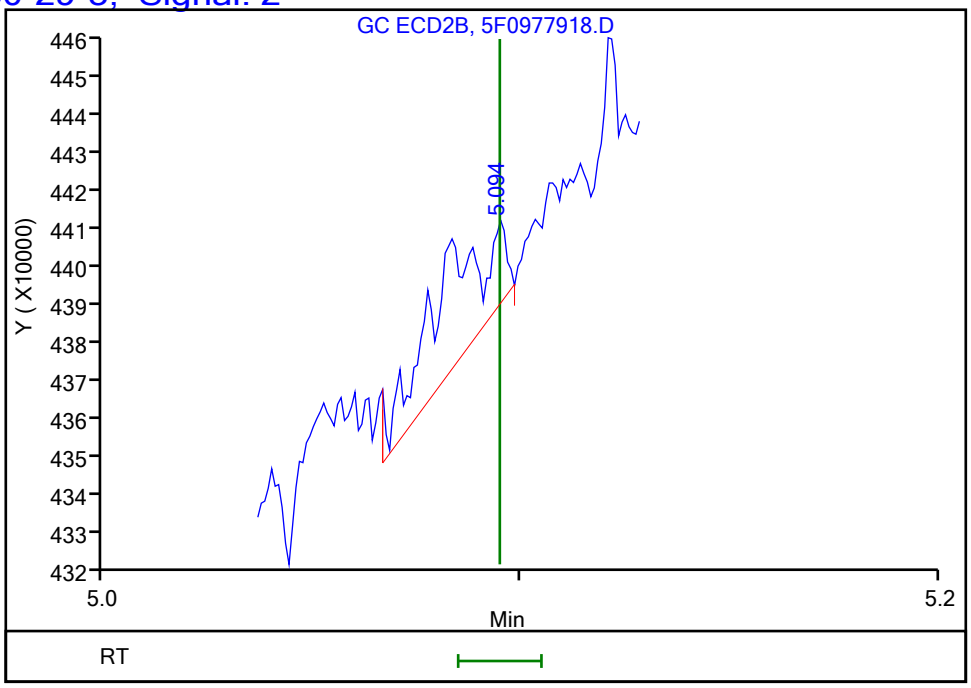
RT: 5.66
Response: 526203
Amount: 1.441897




Column: Detector GC ECD2B

## 21 4,4'-DDT, CAS: 50-29-3, Signal: 2

RT: 5.09
Response: 31999
Amount: 0.041355




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

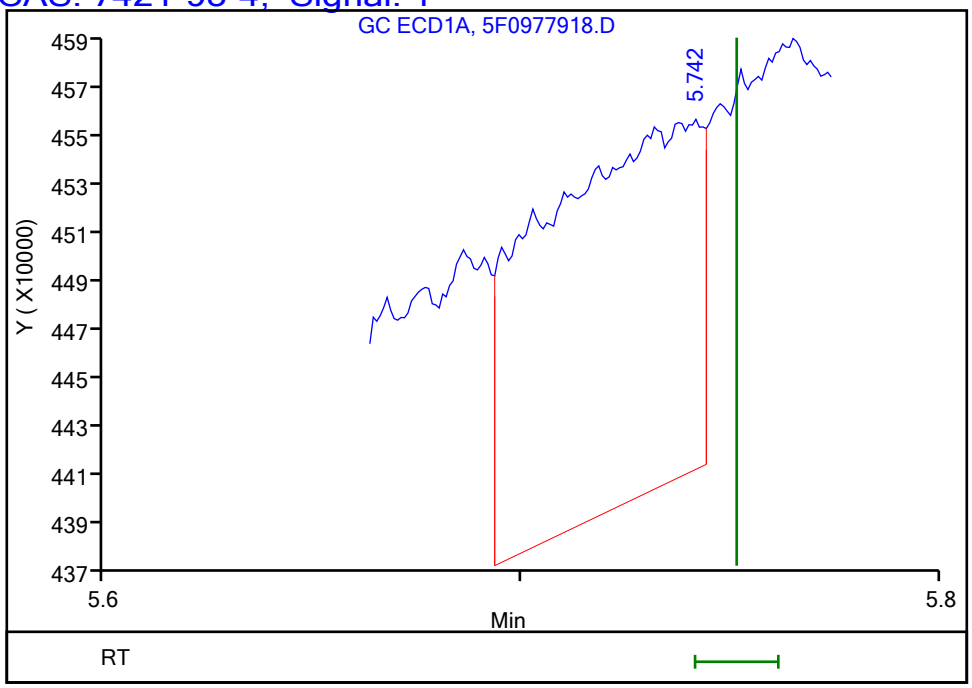
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

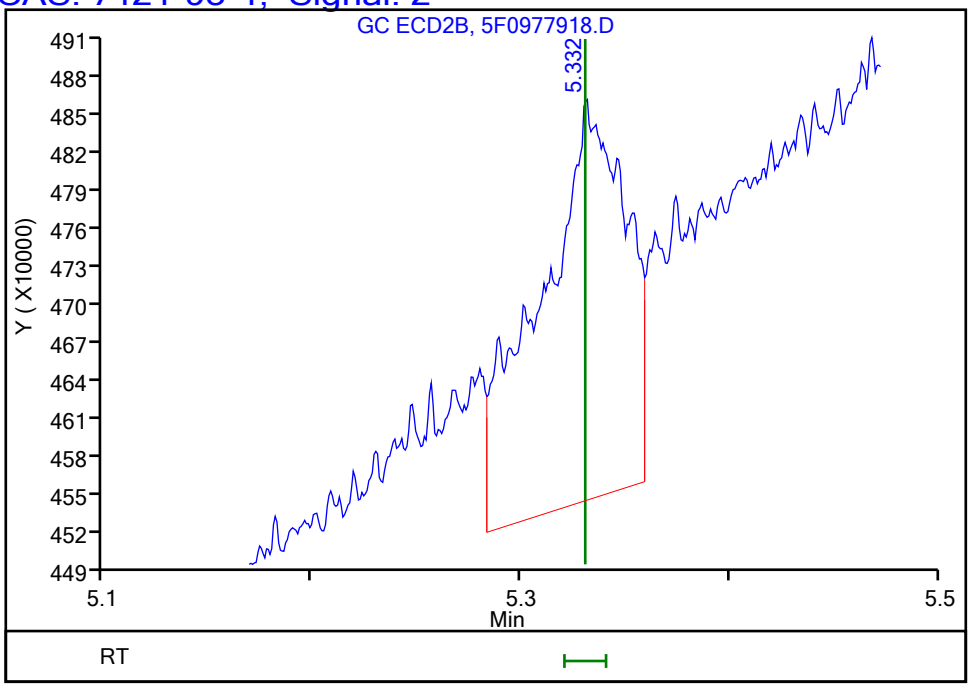
RT: 5.74
Response: 399337
Amount: 1.068141




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 5.33
Response: 895088
Amount: 1.373527




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

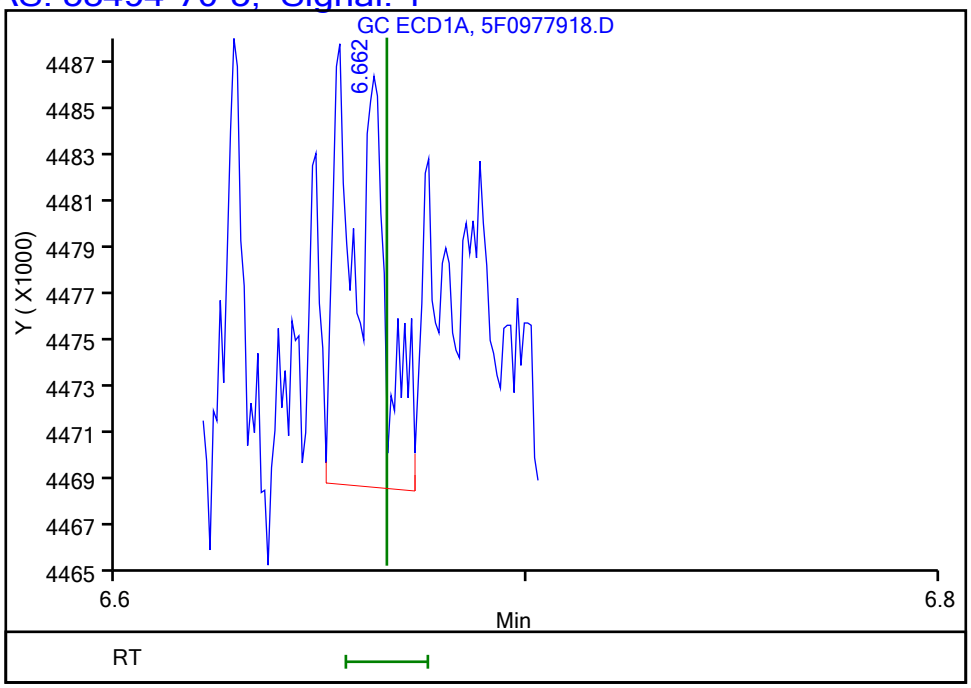
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977918.D
Injection Date: 07-Feb-2025 02:18:30 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

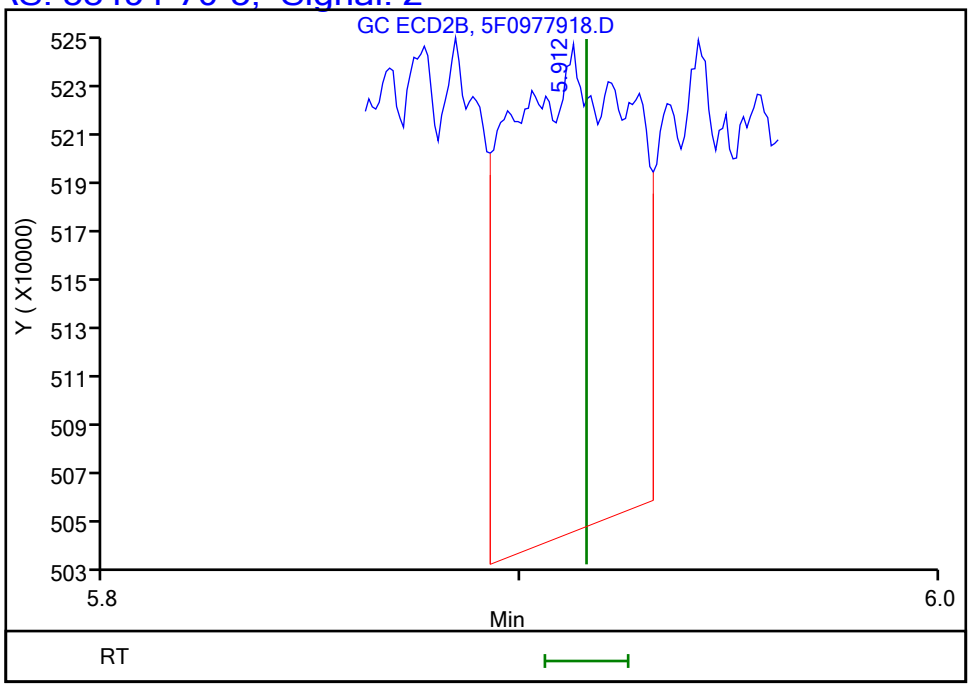
RT: 6.66
Response: 12103
Amount: 0.022168




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.91
Response: 398487
Amount: 0.428580




Reviewer: ESS0, 07-Feb-2025 03:09:24
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020347/1

Matrix: Water | Lab File ID: 4F001965.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/09/2025 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.020 | U | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.020 | U | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.020 | U | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.020 | U | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.020 | U | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.020 | U | 0.020 | 0.015 |
| 12789-03-6 | Chlordane (technical) | 0.20 | U | 0.20 | 0.055 |
| 319-86-8 | delta-BHC | 0.020 | U | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.020 | U | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.020 | U | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.020 | U | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.020 | U | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.020 | U | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.020 | U | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.020 | U | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.020 | U | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.020 | U | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.020 | U | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.020 | U | 0.020 | 0.0040 |
| 8001-35-2 | Toxaphene | 0.50 | U | 0.50 | 0.11 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 113 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 111 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:14:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186670-026
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: DSH5 Date: 09-Feb-2025 08:17:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.449 | 1.457 | -0.008 | 103271961 | 100.0 | 100.0 | |
| 2 | 1.412 | 1.419 | -0.007 | 220483664 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.948 | 1.954 | -0.006 | 25153340 | 20.0 | 22.1 | |
| 2 | 1.752 | 1.757 | -0.005 | 56049737 | 20.0 | 22.0 | |
| | | | | | | RPD = 0.73 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.197 | 8.202 | -0.005 | 26903883 | 20.0 | 22.6 | |
| 2 | 7.084 | 7.093 | -0.009 | 76881898 | 20.0 | 24.3 | |
| | | | | | | RPD = 7.25 | |

## QC Flag Legend
Processing Flags

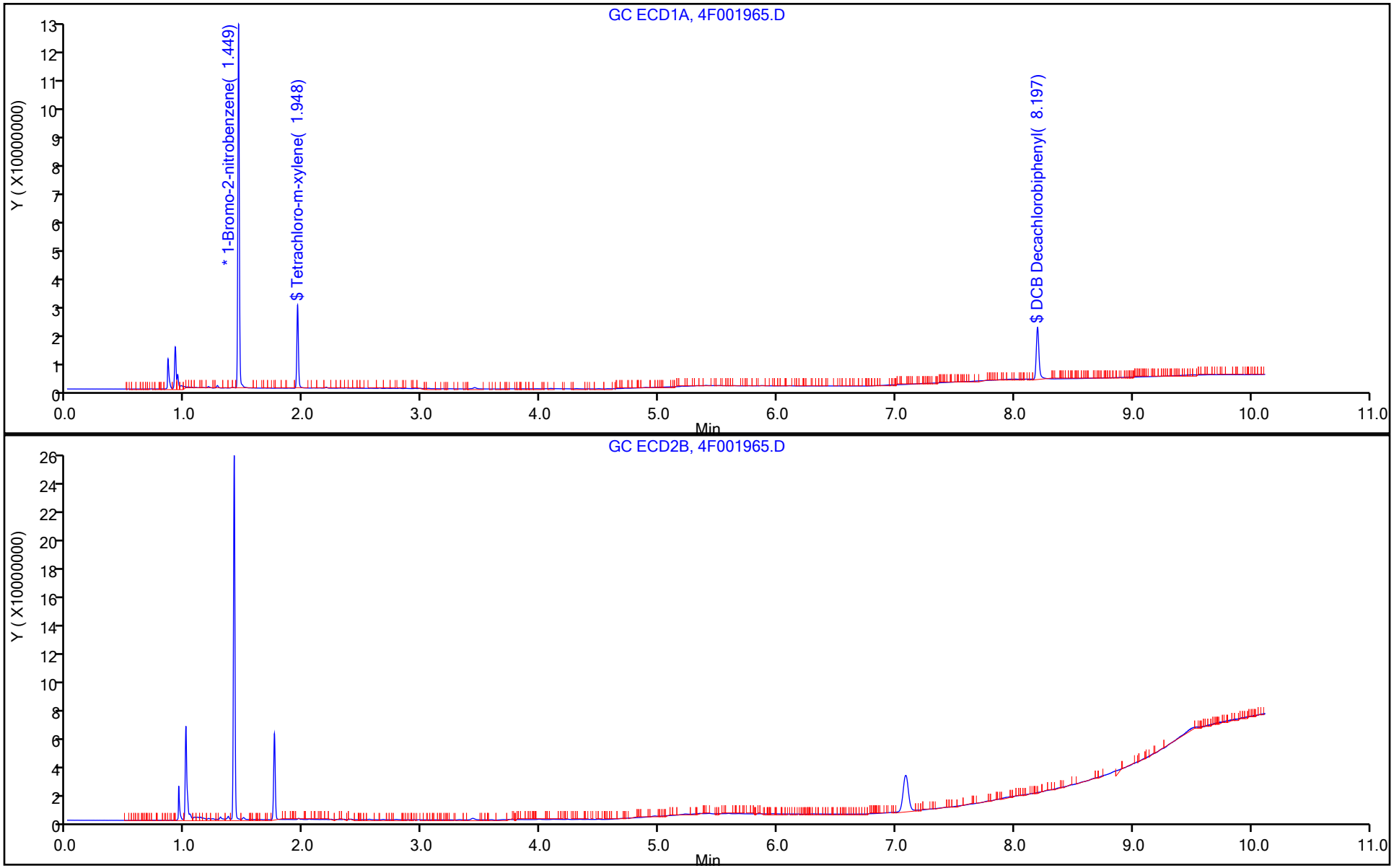
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 14:26:08 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:14:17 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:14:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186670-026
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: DSH5 Date: 09-Feb-2025 08:17:31

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 22.1 | 110.56 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 22.6 | 113.02 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 22.0 | 109.75 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 24.3 | 121.52 |

User Disabled Compound Report

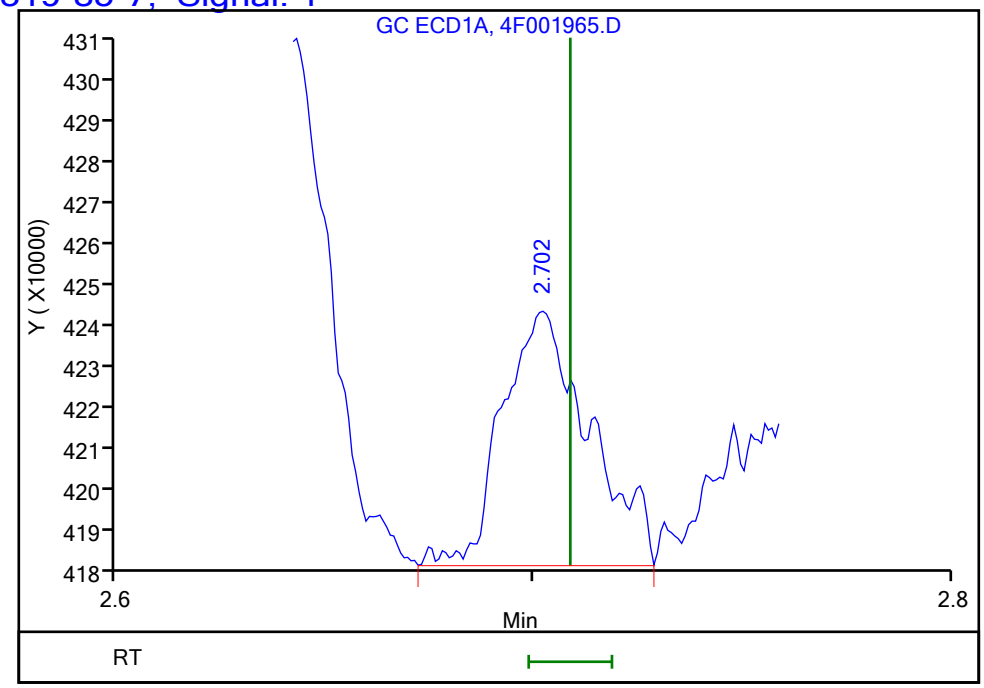
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

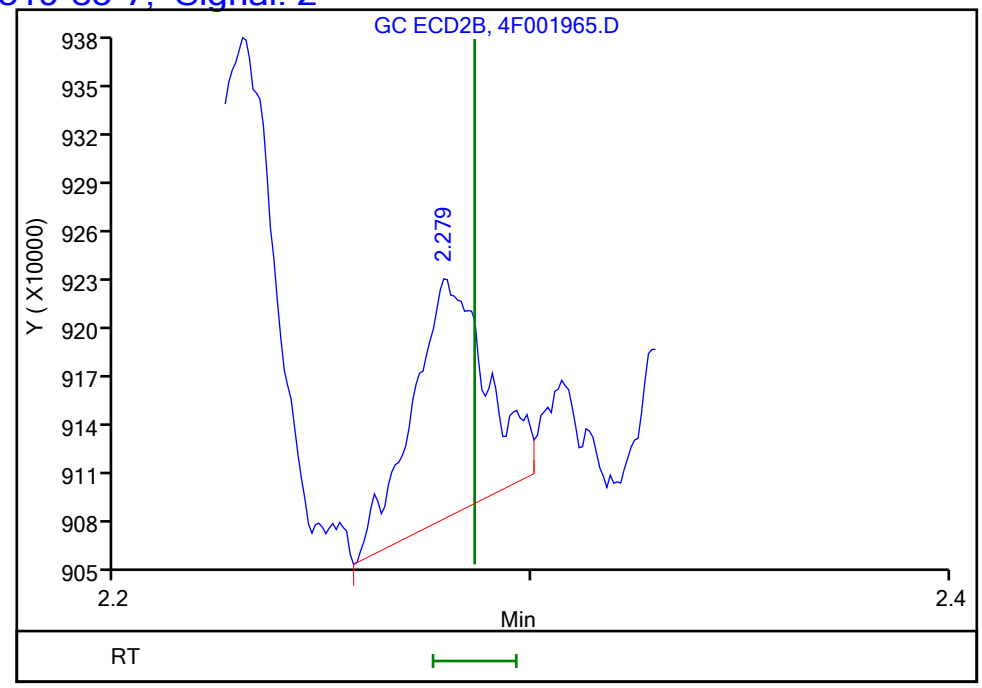
RT: 2.70
Response: 89144
Amount: 0.132410




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.28
Response: 178292
Amount: 0.124340




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

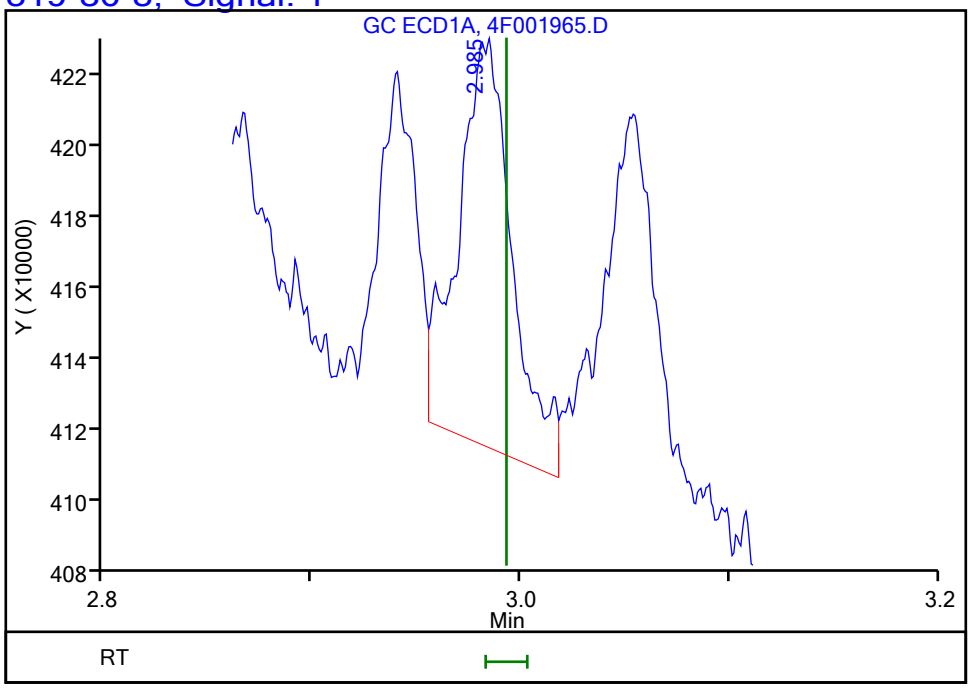
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

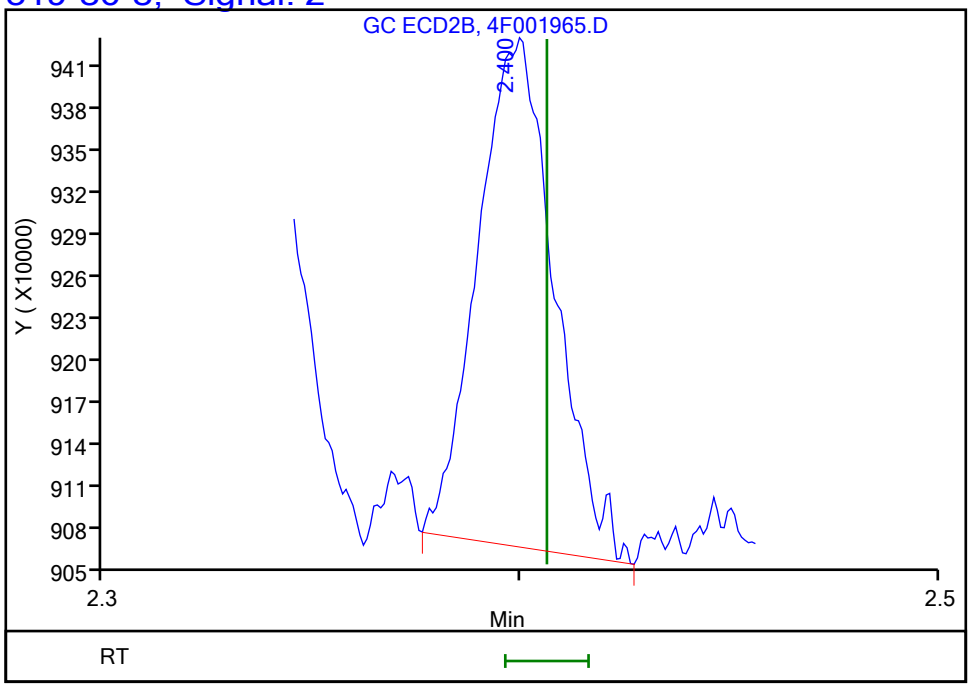
RT: 2.98
Response: 201639
Amount: 0.130683




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.40
Response: 455760
Amount: 0.134914




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

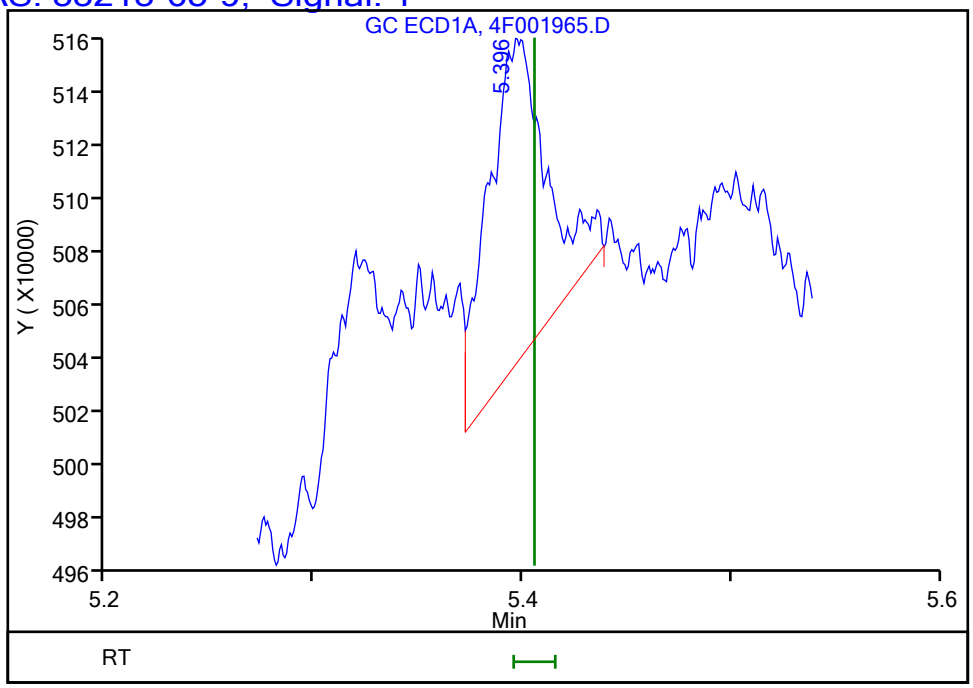
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

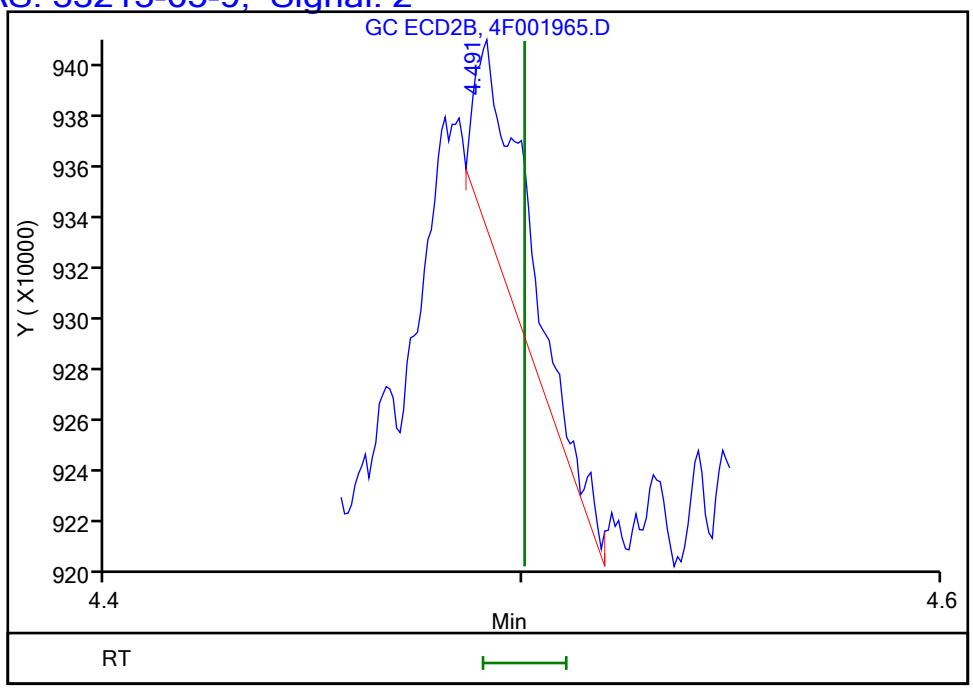
RT: 5.40
Response: 233339
Amount: 0.190526




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.49
Response: 68318
Amount: 0.025748




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

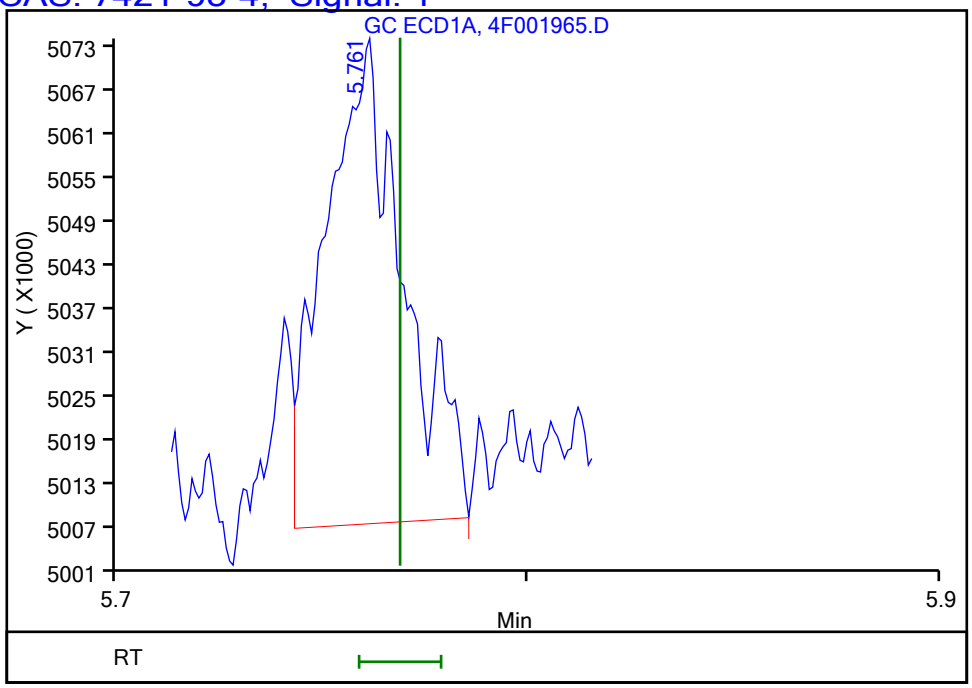
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

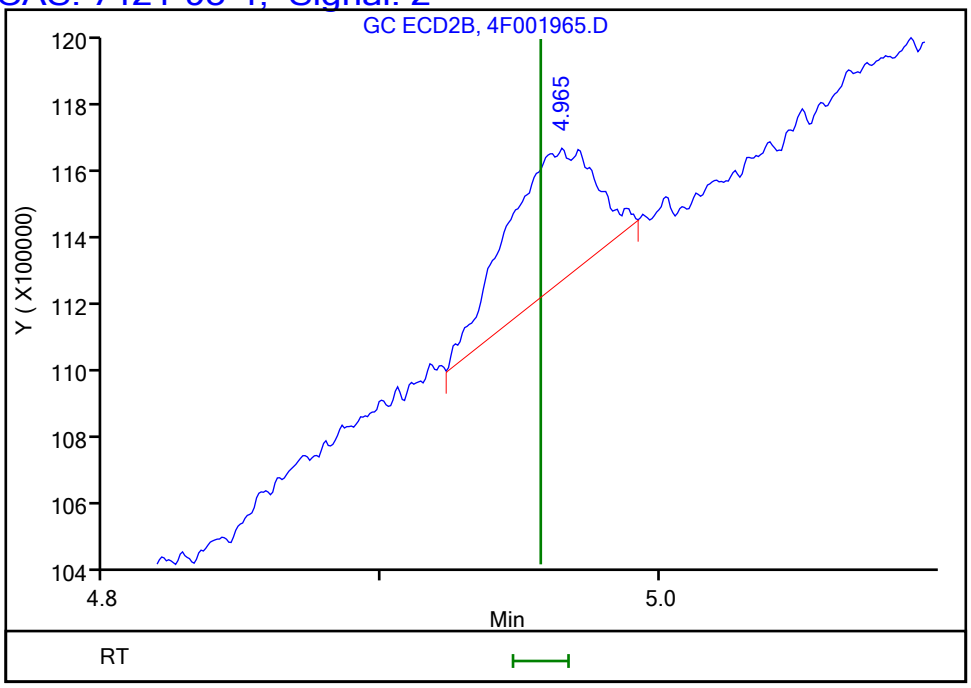
RT: 5.76
Response: 87225
Amount: 0.089497




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 4.96
Response: 833188
Amount: 0.370338




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

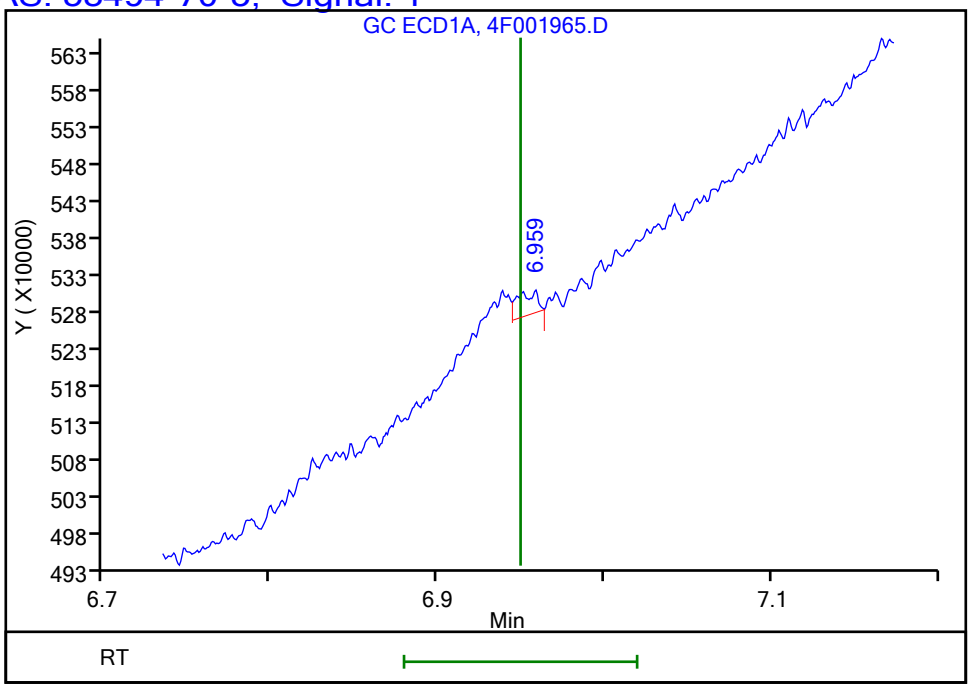
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

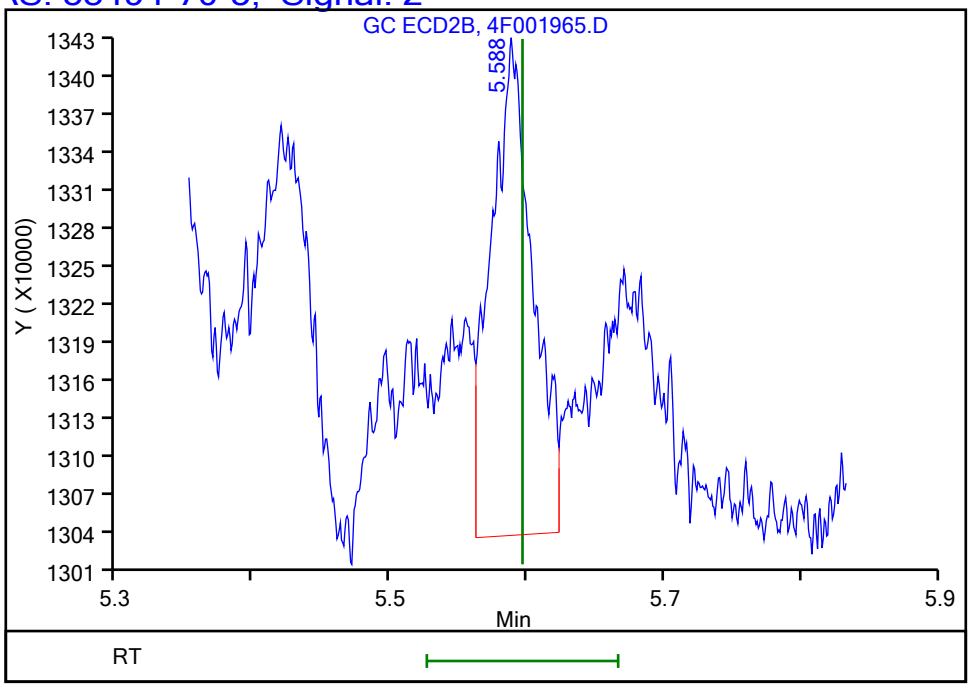
RT: 6.96
Response: 25334
Amount: 0.016708




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.59
Response: 814598
Amount: 0.242295




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

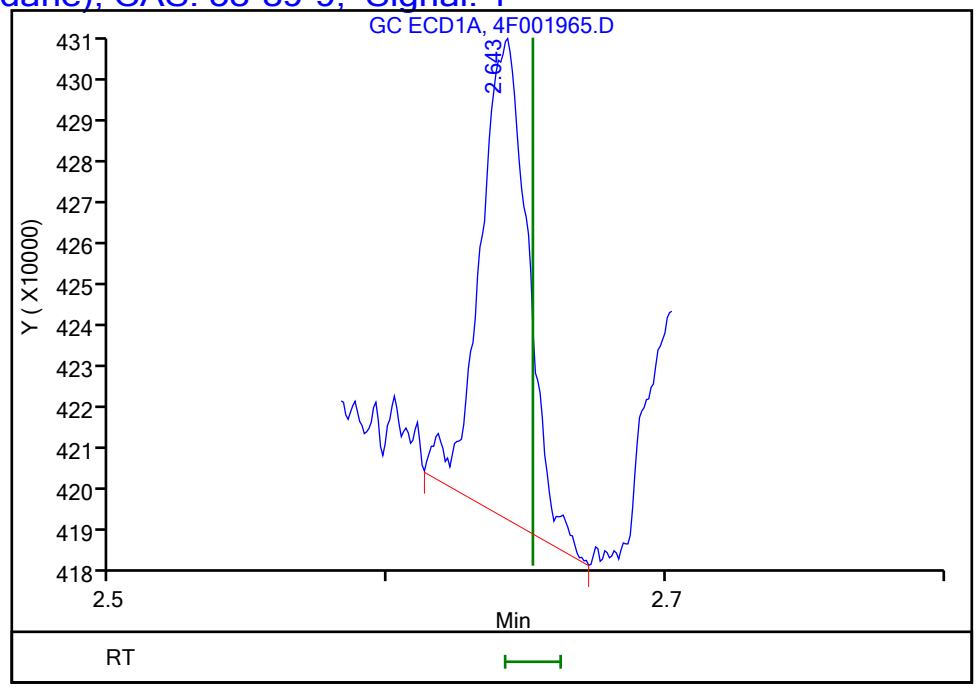
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

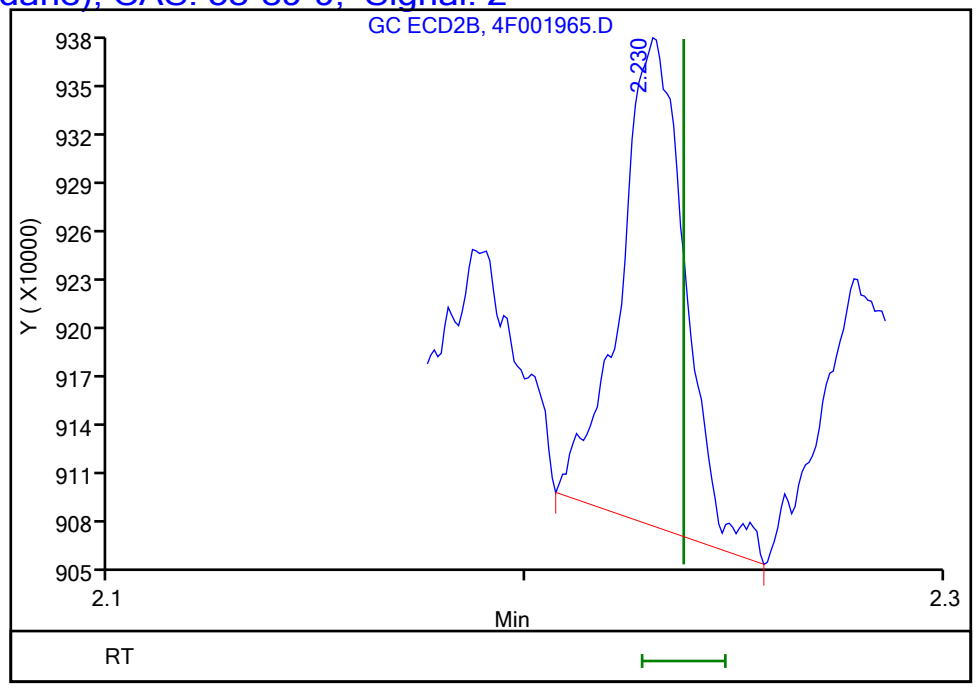
RT: 2.64
Response: 140128
Amount: 0.091868




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.23
Response: 325851
Amount: 0.097495




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020347/1

Matrix: Water | Lab File ID: 4F001965.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/09/2025 07:14

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-55-9* | *4,4'-DDE* | *0.020* | *U* | *0.020* | *0.0020* |
| *50-29-3* | *4,4'-DDT* | *0.020* | *U* | *0.020* | *0.0040* |
| *309-00-2* | *Aldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *319-84-6* | *alpha-BHC* | *0.020* | *U* | *0.020* | *0.0070* |
| *319-85-7* | *beta-BHC* | *0.020* | *U* | *0.020* | *0.015* |
| *12789-03-6* | *Chlordane (technical)* | *0.20* | *U* | *0.20* | *0.055* |
| *319-86-8* | *delta-BHC* | *0.020* | *U* | *0.020* | *0.0050* |
| *60-57-1* | *Dieldrin* | *0.020* | *U* | *0.020* | *0.0030* |
| *959-98-8* | *Endosulfan I* | *0.020* | *U* | *0.020* | *0.0020* |
| *33213-65-9* | *Endosulfan II* | *0.020* | *U* | *0.020* | *0.0040* |
| *1031-07-8* | *Endosulfan sulfate* | *0.020* | *U* | *0.020* | *0.0060* |
| *72-20-8* | *Endrin* | *0.020* | *U* | *0.020* | *0.0040* |
| *7421-93-4* | *Endrin aldehyde* | *0.020* | *U* | *0.020* | *0.0080* |
| *53494-70-5* | *Endrin ketone* | *0.020* | *U* | *0.020* | *0.0080* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.020* | *U* | *0.020* | *0.012* |
| *76-44-8* | *Heptachlor* | *0.020* | *U* | *0.020* | *0.0030* |
| *1024-57-3* | *Heptachlor epoxide* | *0.020* | *U* | *0.020* | *0.0050* |
| *72-43-5* | *Methoxychlor* | *0.020* | *U* | *0.020* | *0.0040* |
| *8001-35-2* | *Toxaphene* | *0.50* | *U* | *0.50* | *0.11* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 122 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 110 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:14:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186670-026
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: DSH5 Date: 09-Feb-2025 08:17:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.449 | 1.457 | -0.008 | 103271961 | 100.0 | 100.0 | |
| 2 | 1.412 | 1.419 | -0.007 | 220483664 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.948 | 1.954 | -0.006 | 25153340 | 20.0 | 22.1 | |
| 2 | 1.752 | 1.757 | -0.005 | 56049737 | 20.0 | 22.0 | |
| | | | | | | RPD = 0.73 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.197 | 8.202 | -0.005 | 26903883 | 20.0 | 22.6 | |
| 2 | 7.084 | 7.093 | -0.009 | 76881898 | 20.0 | 24.3 | |
| | | | | | | RPD = 7.25 | |

## QC Flag Legend
Processing Flags

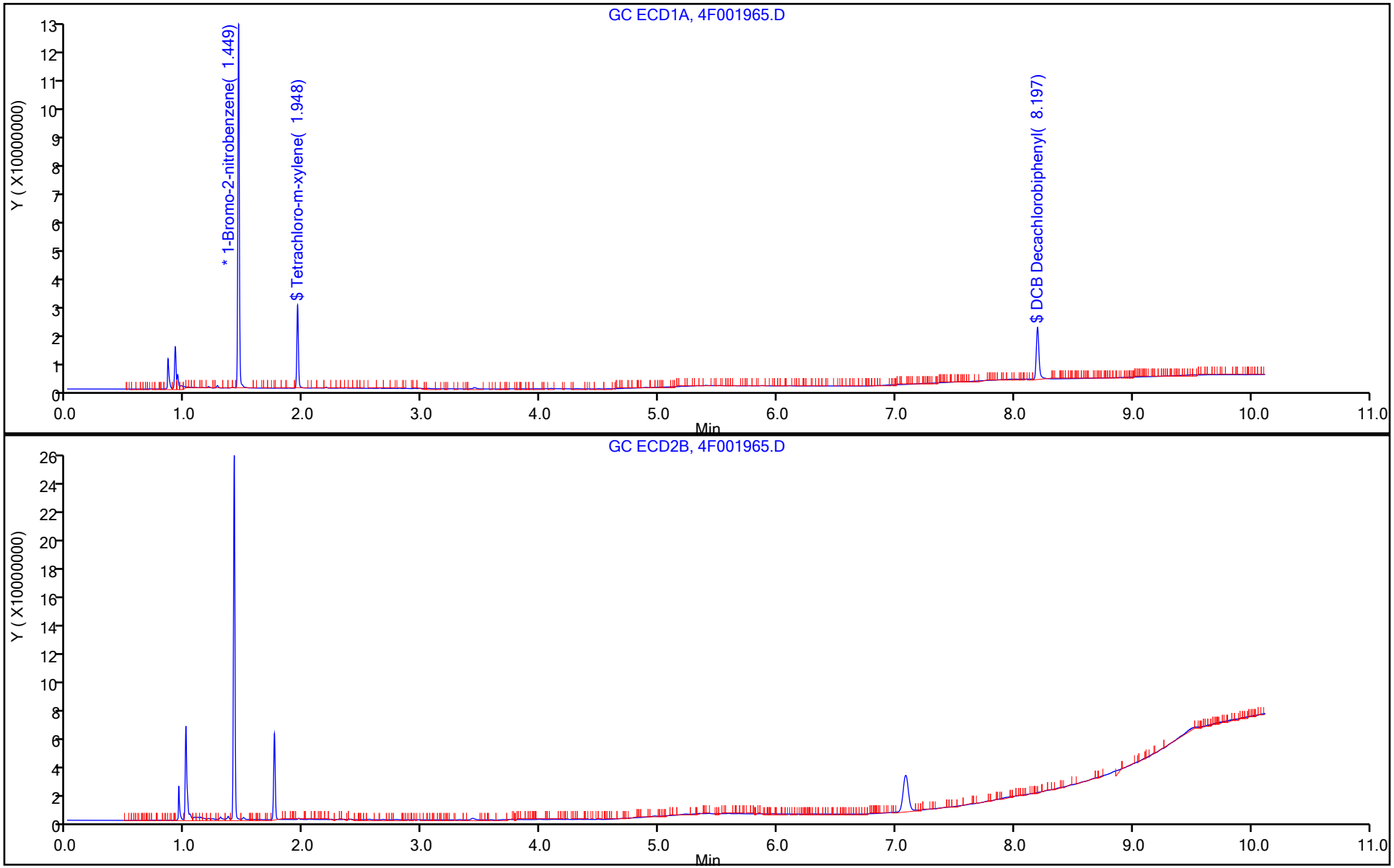
## Reagents:
SGPIBLK_00036 Amount Added: 1.00 Units: mL
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 14:26:09 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:14:17 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:14:17 ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186670-026
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:05 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: DSH5 Date: 09-Feb-2025 08:17:31

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 22.1 | 110.56 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 22.6 | 113.02 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 20.0 | 22.0 | 109.75 |
| $ 24 DCB Decachlorobiphenyl | 20.0 | 24.3 | 121.52 |

User Disabled Compound Report

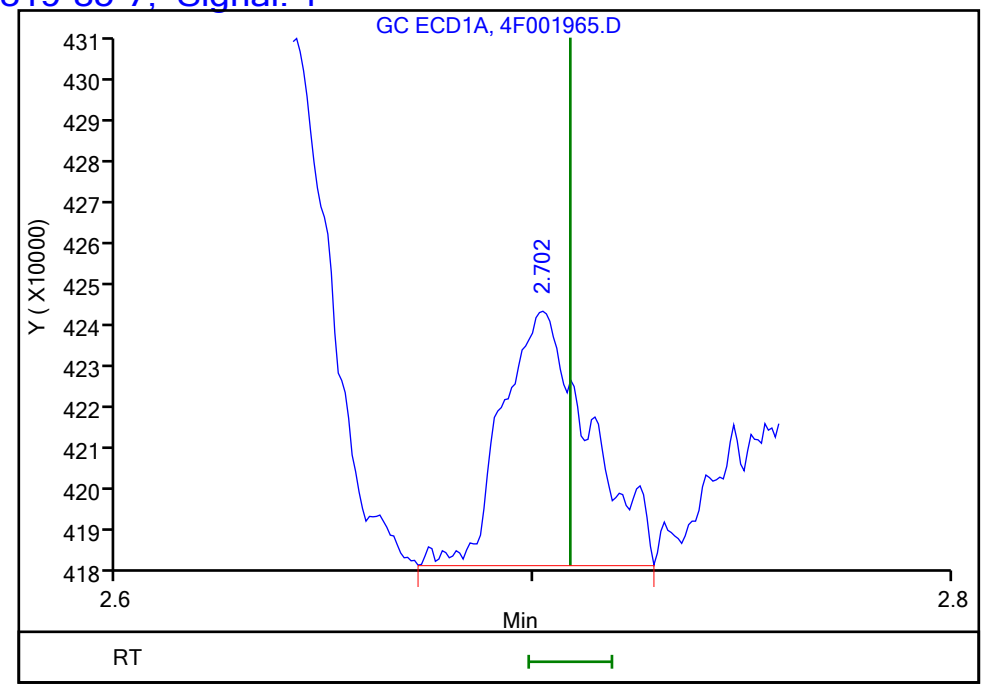
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7, Signal: 1

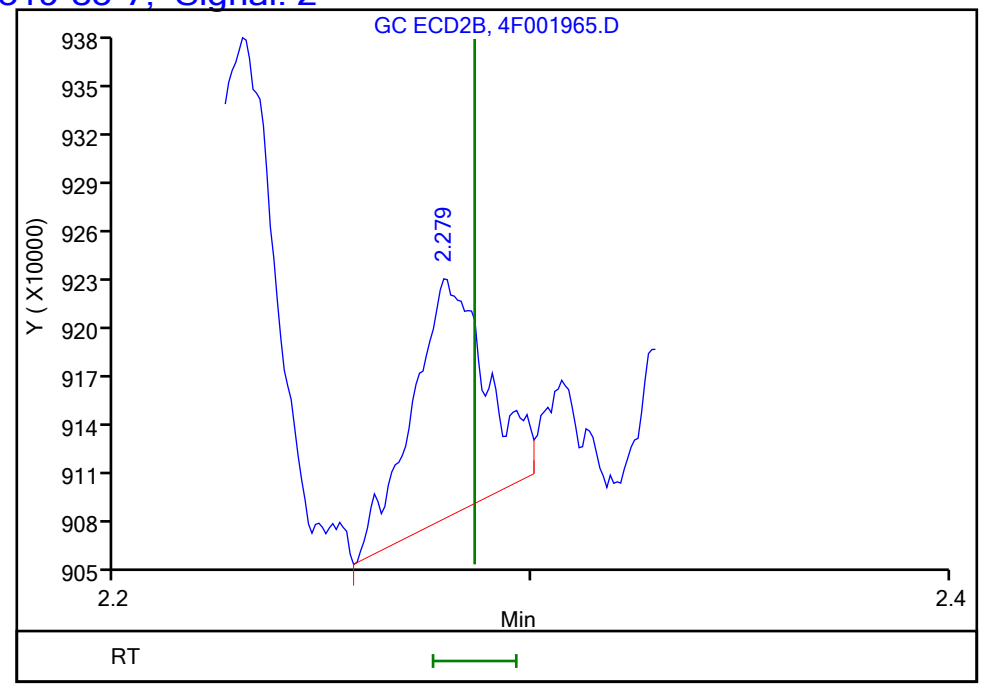
RT: 2.70
Response: 89144
Amount: 0.132410




Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7, Signal: 2

RT: 2.28
Response: 178292
Amount: 0.124340




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

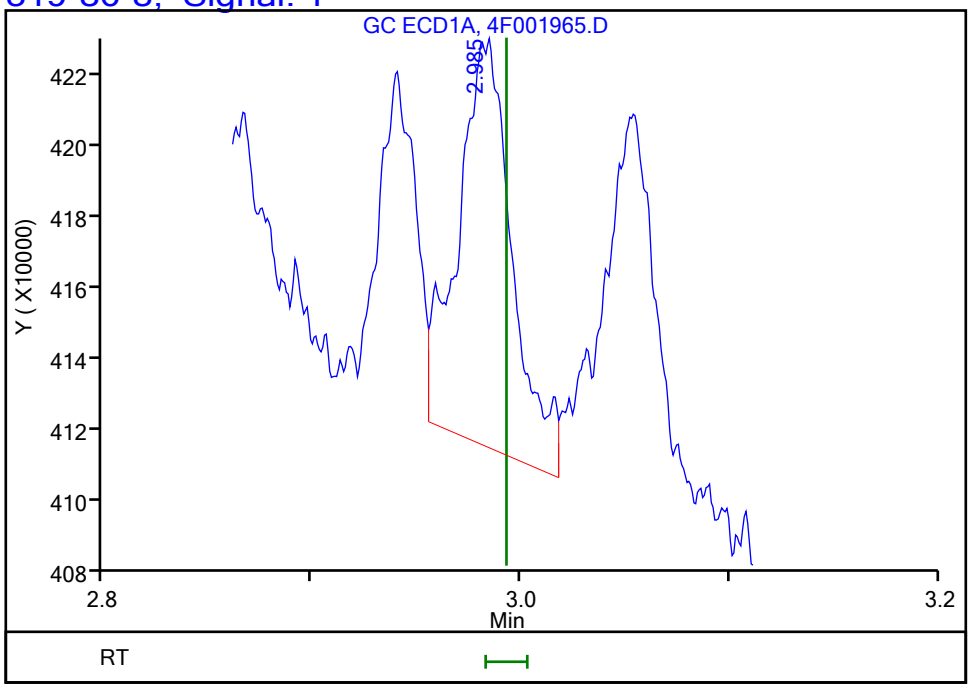
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8, Signal: 1

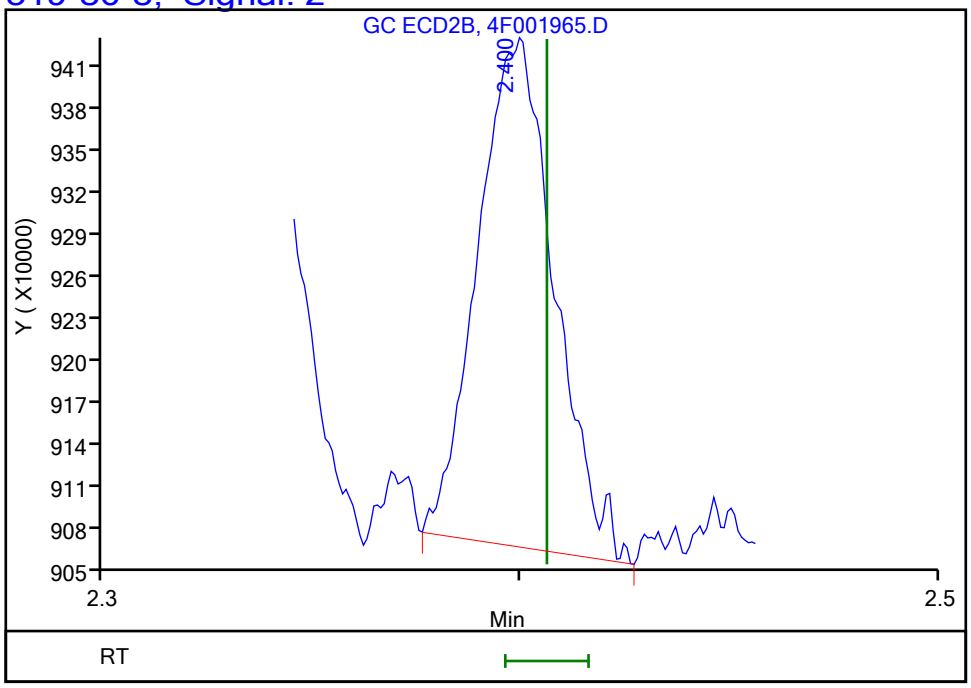
RT: 2.98
Response: 201639
Amount: 0.130683




Column: Detector GC ECD2B

## 32 delta-BHC, CAS: 319-86-8, Signal: 2

RT: 2.40
Response: 455760
Amount: 0.134914

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Eurofins Edison

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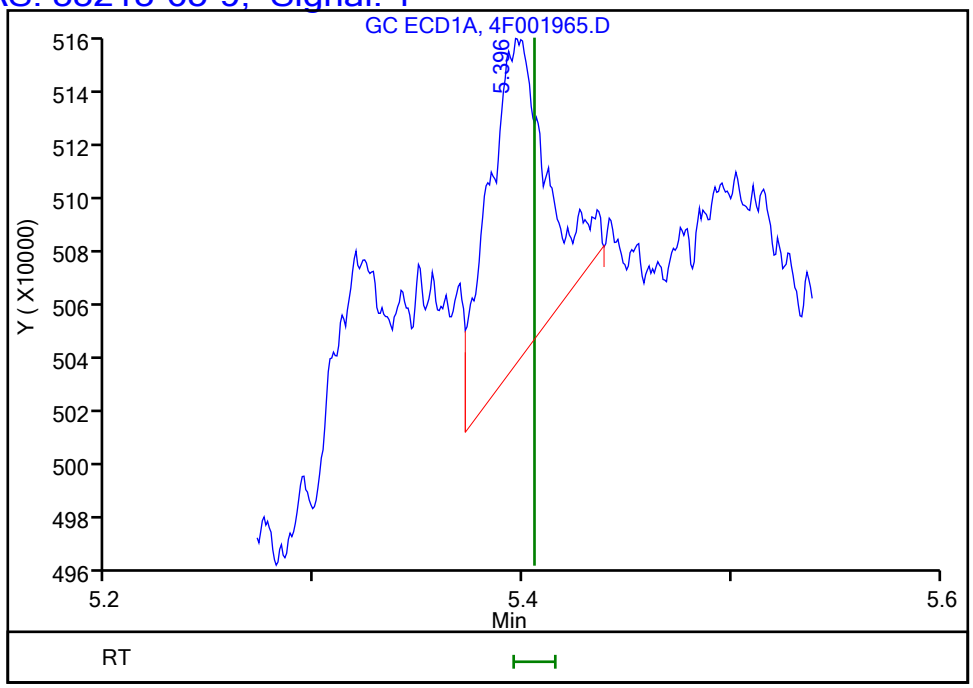
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 1

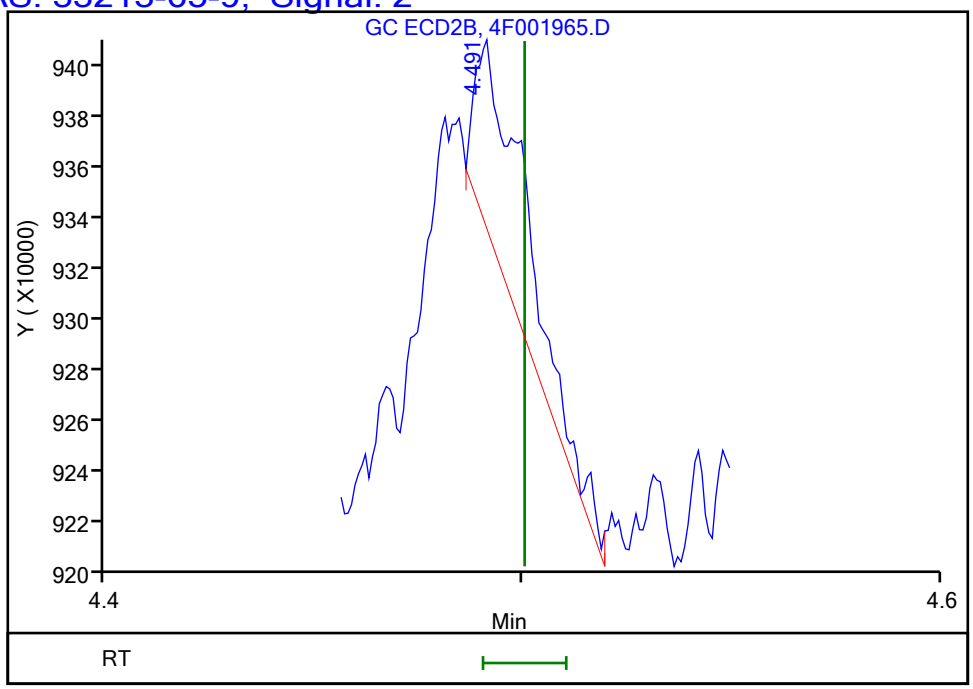
RT: 5.40
Response: 233339
Amount: 0.190526




Column: Detector GC ECD2B

## 11 Endosulfan II, CAS: 33213-65-9, Signal: 2

RT: 4.49
Response: 68318
Amount: 0.025748




Reviewer: DSH5, 09-Feb-2025 08:17:31
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User Disabled Compound Report

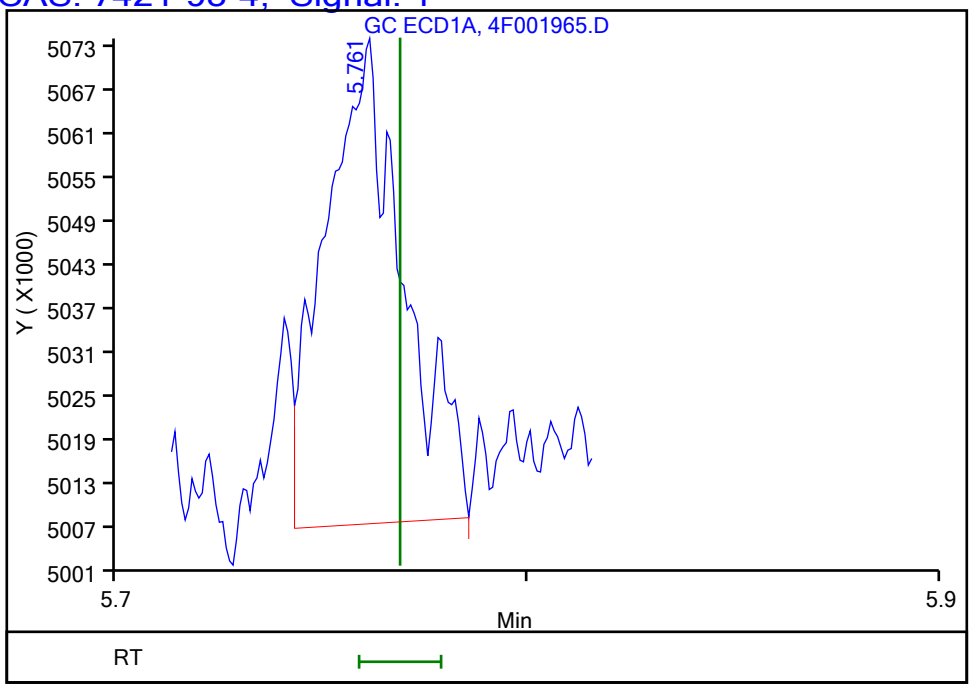
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 1

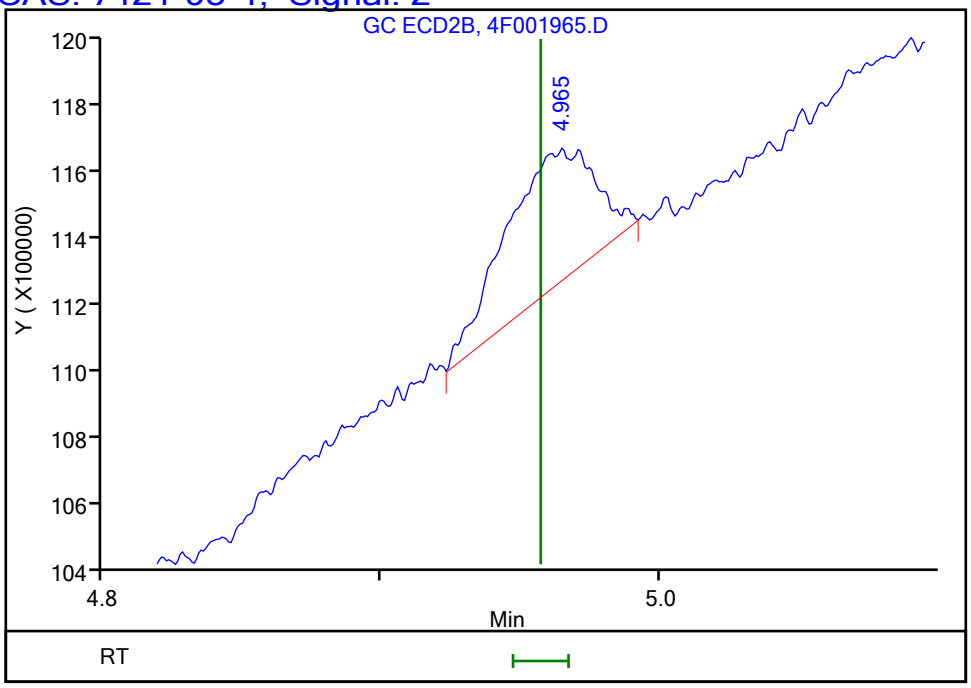
RT: 5.76
Response: 87225
Amount: 0.089497




Column: Detector GC ECD2B

## 5 Endrin aldehyde, CAS: 7421-93-4, Signal: 2

RT: 4.96
Response: 833188
Amount: 0.370338




Reviewer: DSH5, 09-Feb-2025 08:17:31
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User Disabled Compound Report

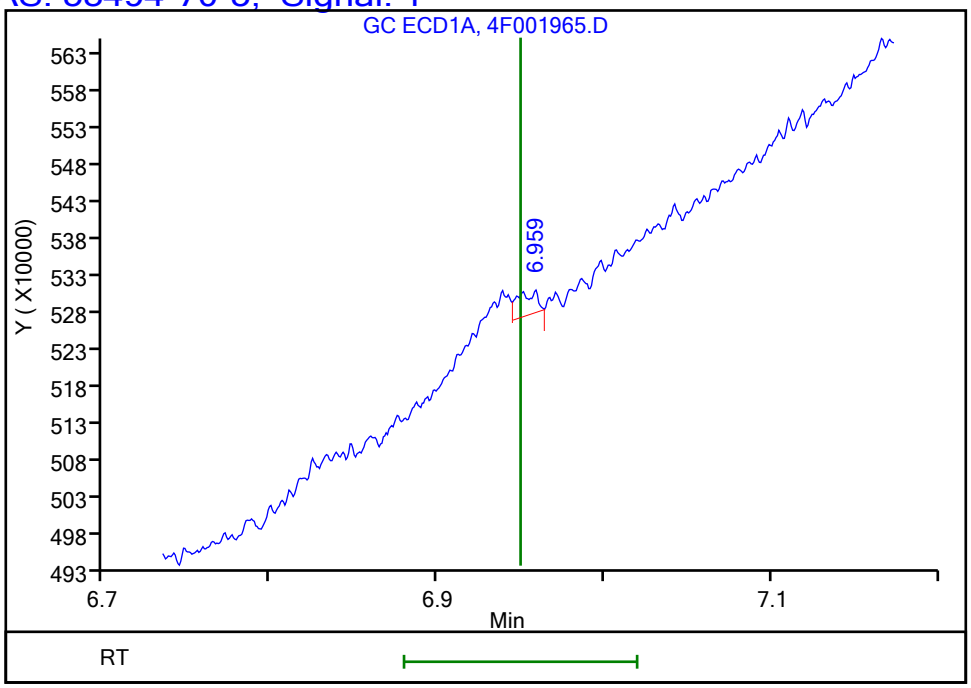
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 1

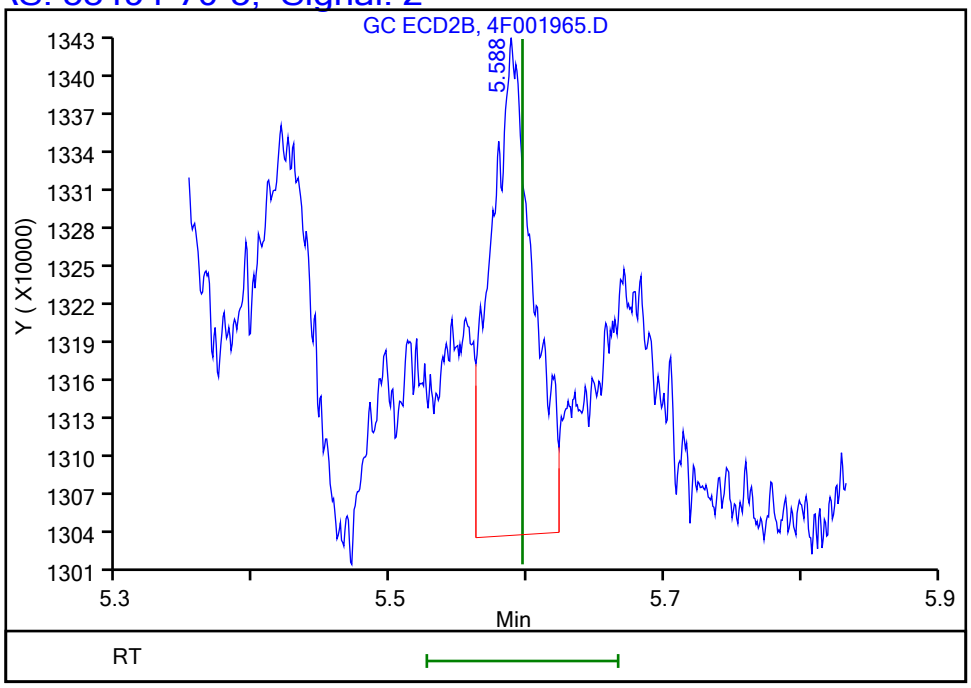
RT: 6.96
Response: 25334
Amount: 0.016708




Column: Detector GC ECD2B

## 13 Endrin ketone, CAS: 53494-70-5, Signal: 2

RT: 5.59
Response: 814598
Amount: 0.242295




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

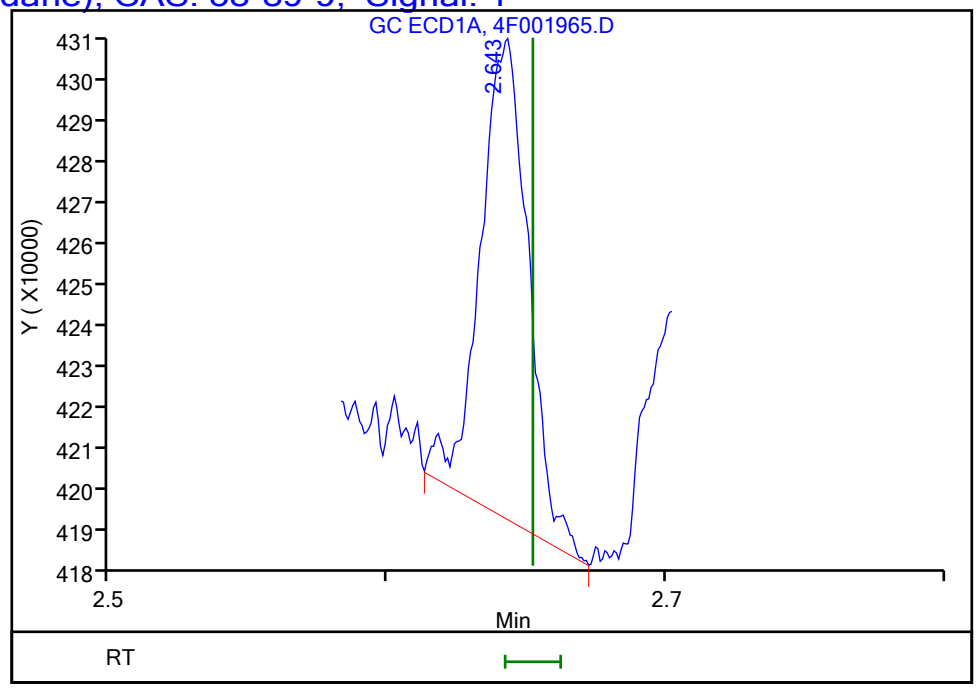
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001965.D
Injection Date: 09-Feb-2025 07:14:17 Instrument ID: CPESTGC4
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 26 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

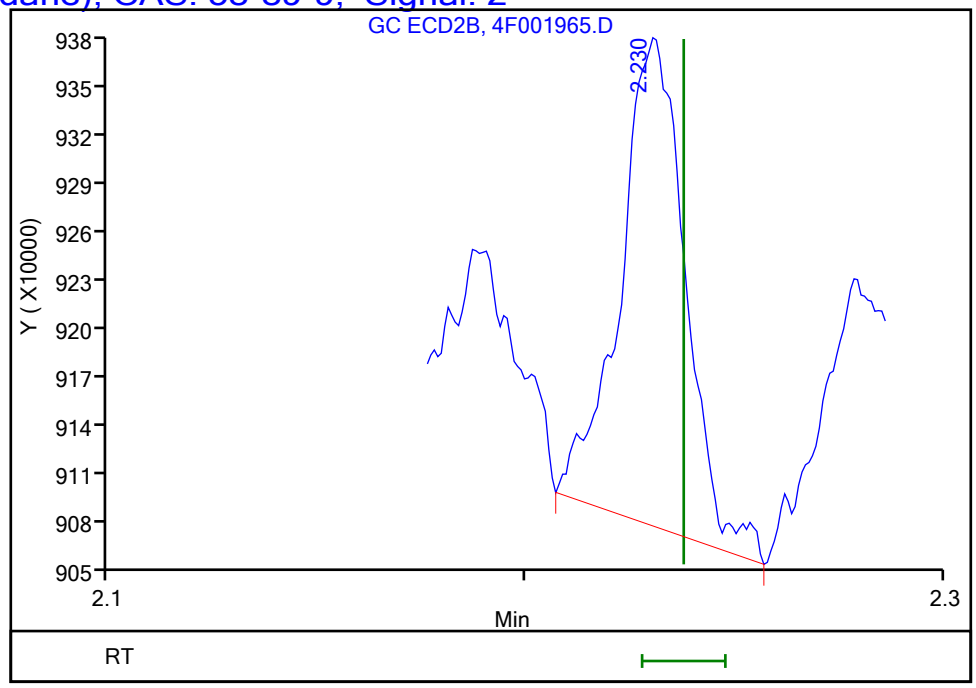
RT: 2.64
Response: 140128
Amount: 0.091868




Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.23
Response: 325851
Amount: 0.097495




Reviewer: DSH5, 09-Feb-2025 08:17:31
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1019984/2-A

Matrix: Solid | Lab File ID: 5F0977923.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.0999* | | *0.0067* | *0.0011* |
| *72-55-9* | *4,4'-DDE* | *0.115* | | *0.0067* | *0.00079* |
| *50-29-3* | *4,4'-DDT* | *0.113* | | *0.0067* | *0.0012* |
| *309-00-2* | *Aldrin* | *0.110* | | *0.0067* | *0.0010* |
| *319-84-6* | *alpha-BHC* | *0.119* | | *0.0020* | *0.00068* |
| *319-85-7* | *beta-BHC* | *0.116* | | *0.0020* | *0.00075* |
| *319-86-8* | *delta-BHC* | *0.110* | | *0.0020* | *0.00041* |
| *60-57-1* | *Dieldrin* | *0.114* | | *0.0020* | *0.00087* |
| *959-98-8* | *Endosulfan I* | *0.117* | | *0.0067* | *0.0010* |
| *33213-65-9* | *Endosulfan II* | *0.116* | | *0.0067* | *0.0017* |
| *1031-07-8* | *Endosulfan sulfate* | *0.110* | | *0.0067* | *0.00084* |
| *72-20-8* | *Endrin* | *0.107* | | *0.0067* | *0.00096* |
| *7421-93-4* | *Endrin aldehyde* | *0.110* | | *0.0067* | *0.0016* |
| *53494-70-5* | *Endrin ketone* | *0.114* | | *0.0067* | *0.0013* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.116* | | *0.0020* | *0.00062* |
| *76-44-8* | *Heptachlor* | *0.115* | | *0.0067* | *0.00079* |
| *1024-57-3* | *Heptachlor epoxide* | *0.113* | | *0.0067* | *0.0010* |
| *72-43-5* | *Methoxychlor* | *0.110* | | *0.0067* | *0.0015* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 66 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 63 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Lims ID: LCS 460-1019984/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 03:23:37 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-006
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:20:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.510 | 0.001 | 32283392 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 62605864 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.016 | 0.002 | 10895960 | 50.0 | 31.6 | |
| 2 | 2.000 | 1.996 | 0.004 | 25537911 | 50.0 | 33.6 | |
| | | | | | | RPD = 6.32 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.445 | 2.441 | 0.004 | 97683388 | 200.0 | 178.7 | |
| 2 | 2.334 | 2.331 | 0.003 | 198147102 | 200.0 | 173.9 | |
| | | | | | | RPD = 2.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.735 | 0.004 | 87826088 | 200.0 | 173.9 | M |
| 2 | 2.550 | 2.546 | 0.004 | 179125322 | 200.0 | 170.4 | M |
| | | | | | | RPD = 2.07 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.794 | 0.005 | 37593933 | 200.0 | 173.9 | M |
| 2 | 2.603 | 2.599 | 0.004 | 76994068 | 200.0 | 166.6 | M |
| | | | | | | RPD = 4.27 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.089 | 0.004 | 85220426 | 200.0 | 165.2 | M |
| 2 | 2.743 | 2.739 | 0.004 | 178965025 | 200.0 | 168.7 | |
| | | | | | | RPD = 2.09 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.163 | 0.005 | 87636582 | 200.0 | 172.4 | M |
| 2 | 2.923 | 2.919 | 0.004 | 188840336 | 200.0 | 170.0 | |
| | | | | | | RPD = 1.37 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.533 | 0.006 | 82159181 | 200.0 | 164.6 | |
| 2 | 3.192 | 3.186 | 0.006 | 182307387 | 200.0 | 165.6 | |
| | | | | | | RPD = 0.59 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.201 | 0.006 | 73807665 | 200.0 | 169.7 | |
| 2 | 3.810 | 3.804 | 0.006 | 167325364 | 200.0 | 168.3 | |
| | | | | | | RPD = 0.85 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.429 | 0.007 | 76506714 | 200.0 | 171.9 | |
| 2 | 3.942 | 3.936 | 0.006 | 174793823 | 200.0 | 172.6 | |
| | | | | | | RPD = 0.43 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.619 | 0.006 | 74532288 | 200.0 | 174.8 | M |
| 2 | 4.080 | 4.074 | 0.006 | 167549580 | 200.0 | 174.8 | |
| | | | | | | RPD = 0.00 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.691 | 0.005 | 72005917 | 200.0 | 175.6 | M |
| 2 | 4.226 | 4.221 | 0.005 | 161289236 | 200.0 | 180.5 | |
| | | | | | | RPD = 2.79 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.826 | 4.821 | 0.005 | 76343731 | 200.0 | 171.9 | |
| 2 | 4.162 | 4.156 | 0.006 | 165581085 | 200.0 | 176.6 | |
| | | | | | | RPD = 2.68 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.981 | 0.004 | 81511583 | 200.0 | 171.2 | |
| 2 | 4.499 | 4.492 | 0.007 | 175428851 | 200.0 | 173.6 | |
| | | | | | | RPD = 1.39 | |
| 20 Endrin | | | | | | | |
| 1 | 5.268 | 5.265 | 0.003 | 71262731 | 200.0 | 161.2 | |
| 2 | 4.761 | 4.756 | 0.005 | 154017113 | 200.0 | 166.6 | |
| | | | | | | RPD = 3.27 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.378 | 0.004 | 65115915 | 200.0 | 149.9 | M |
| 2 | 4.838 | 4.833 | 0.005 | 136186612 | 200.0 | 173.0 | |
| | | | | | | RPD = 14.32 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.452 | 0.004 | 77889314 | 200.0 | 173.6 | M |
| 2 | 4.976 | 4.970 | 0.006 | 144875003 | 200.0 | 184.6 | |
| | | | | | | RPD = 6.14 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.657 | 0.004 | 59410226 | 200.0 | 169.1 | |
| 2 | 5.099 | 5.095 | 0.004 | 138960868 | 200.0 | 174.6 | |
| | | | | | | RPD = 3.19 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.755 | 5.751 | 0.004 | 59301088 | 200.0 | 164.8 | |
| 2 | 5.334 | 5.331 | 0.003 | 113959118 | 200.0 | 170.0 | |
| | | | | | | RPD = 3.13 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.018 | 6.016 | 0.002 | 76212386 | 200.0 | 165.0 | |
| 2 | 5.691 | 5.689 | 0.002 | 137886163 | 200.0 | 160.0 | |
| | | | | | | RPD = 3.07 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.462 | 6.457 | 0.005 | 28062883 | 200.0 | 165.6 | |
| 2 | 5.528 | 5.526 | 0.002 | 72704907 | 200.0 | 174.0 | M |
| | | | | | | RPD = 4.97 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.578 | 6.574 | 0.004 | 56959237 | 200.0 | 155.1 | M |
| 2 | 5.596 | 5.593 | 0.003 | 106475940 | 200.0 | 157.9 | M |
| | | | | | | RPD = 1.80 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.671 | 6.666 | 0.005 | 89998808 | 200.0 | 171.3 | M |
| 2 | 5.919 | 5.916 | 0.003 | 162391498 | 200.0 | 169.8 | |
| | | | | | | RPD = 0.85 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 17338386 | 50.0 | 33.0 | |
| 2 | 7.312 | 7.308 | 0.004 | 31984031 | 50.0 | 34.7 | |
| | | | | | | RPD = 4.99 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

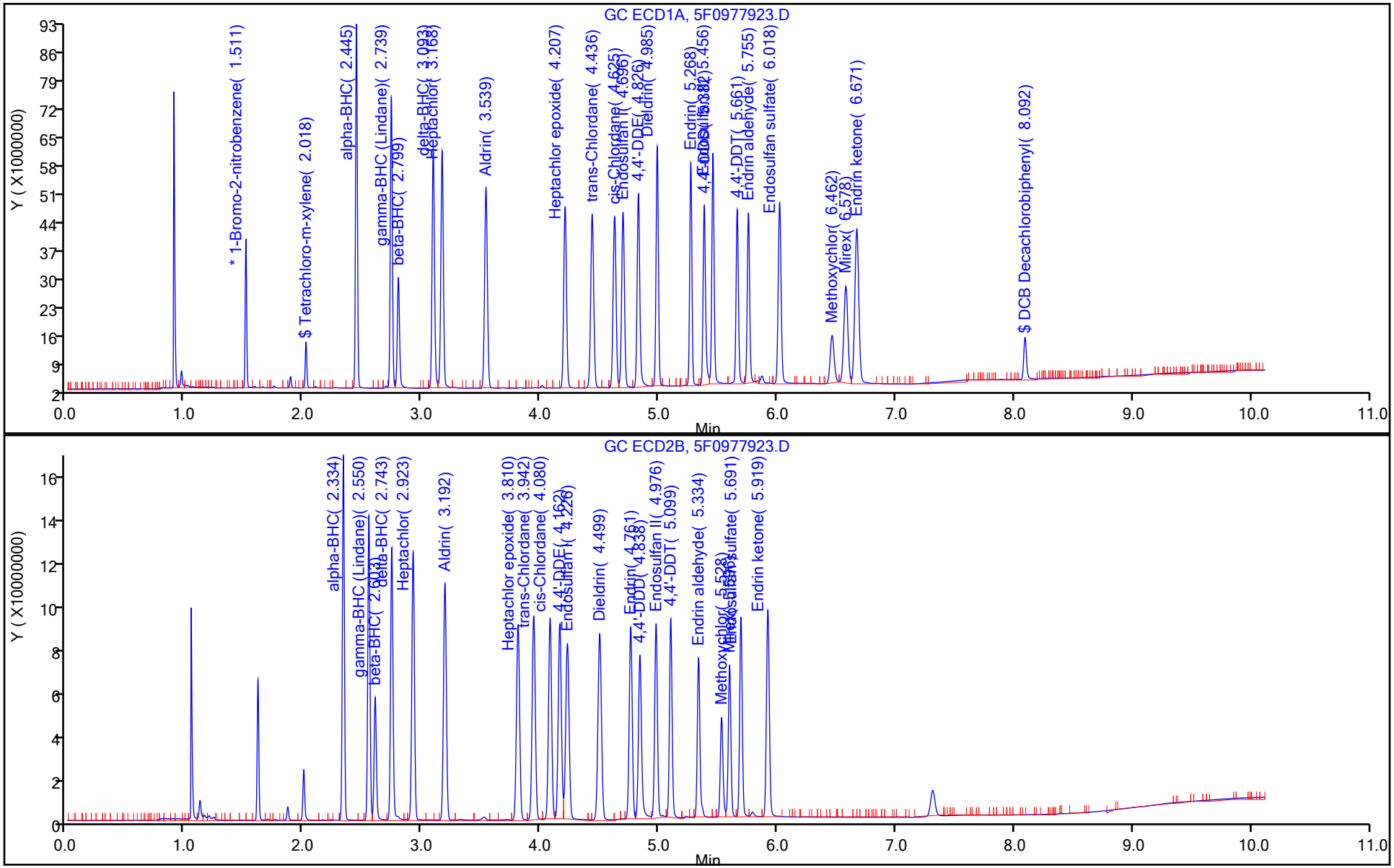
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:23:37 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | LCS 460-1019984/2-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D | | | | |
| Lims ID: | LCS 460-1019984/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 07-Feb-2025 03:23:37 | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186627-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC5 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:47:44 | Calib Date: | 21-Jan-2025 13:29:20 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 07:20:04 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.6 | 63.11 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 33.0 | 66.00 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 33.6 | 67.23 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.7 | 69.38 |

Manual Integration/User Assign Peak Report

Eurofins Edison

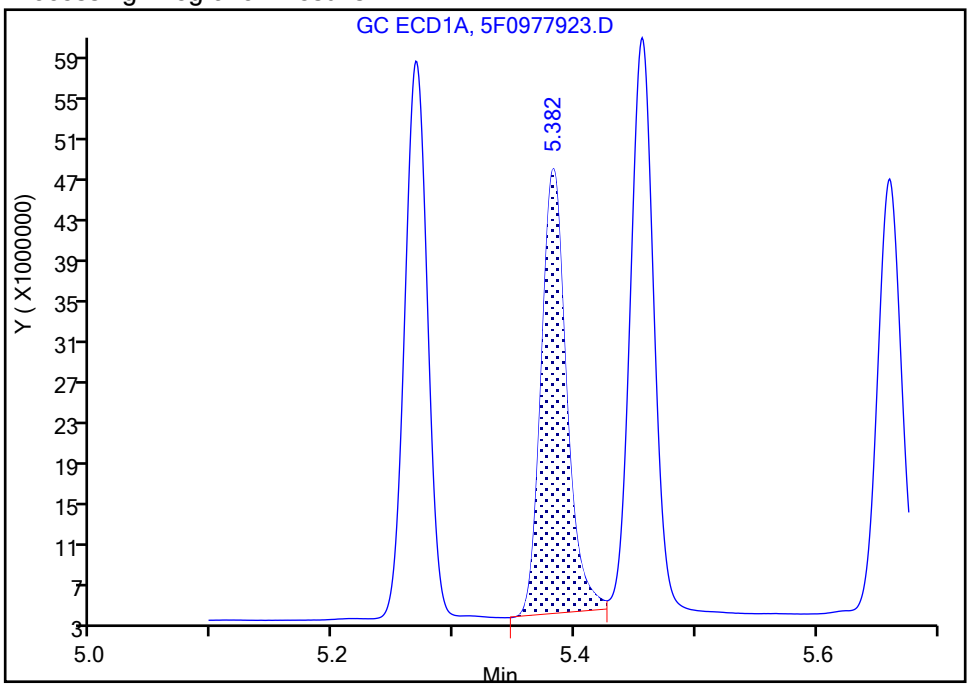
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

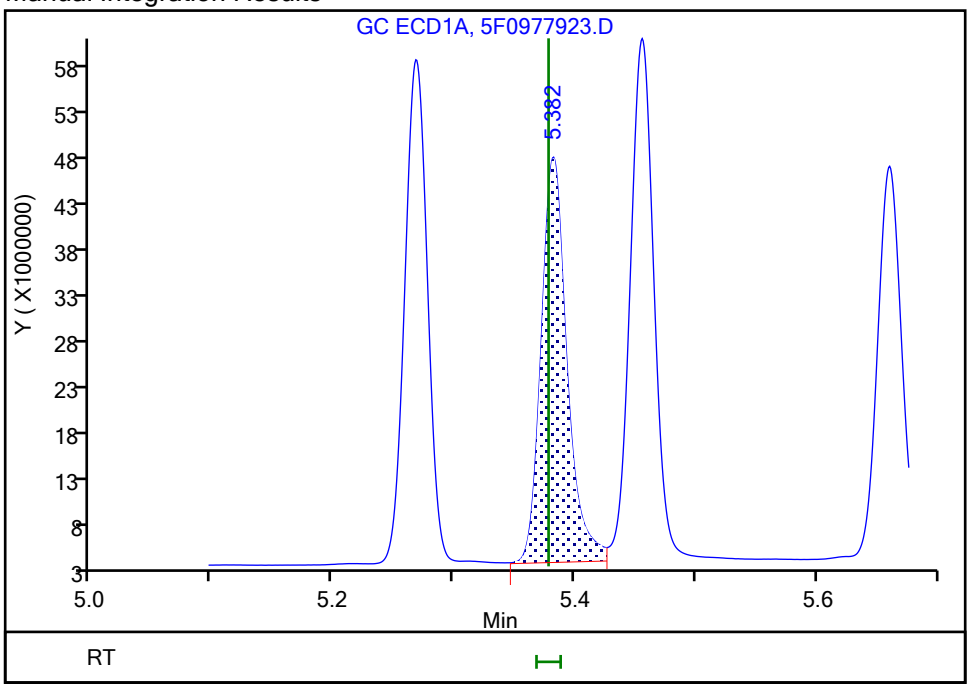
Processing Integration Results

RT: 5.38
Area: 63271164
Amount: 145.6738
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 65115915
Amount: 149.9211
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

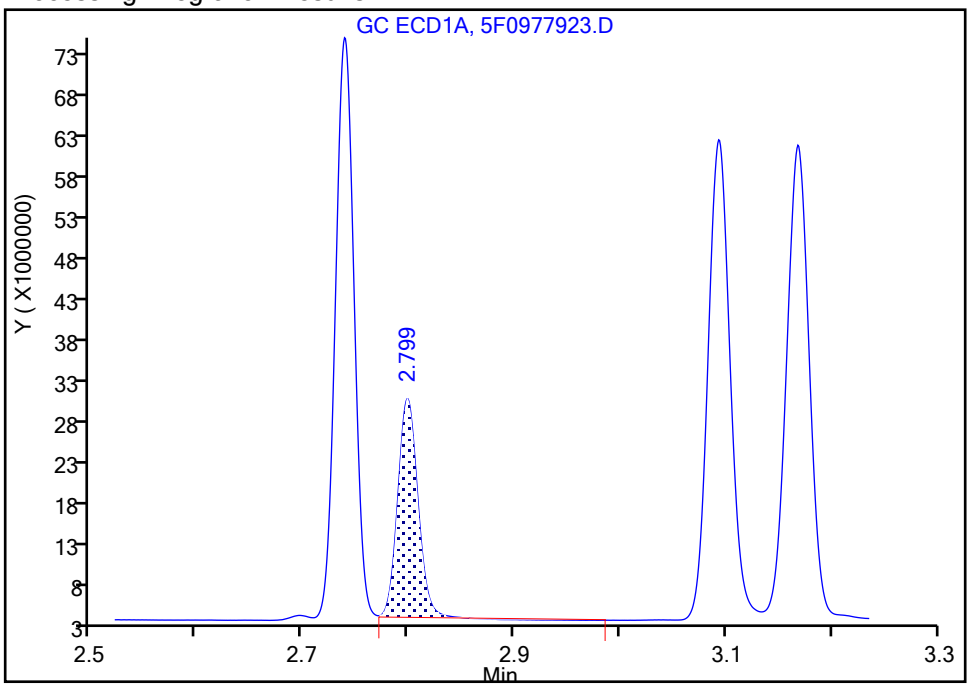
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

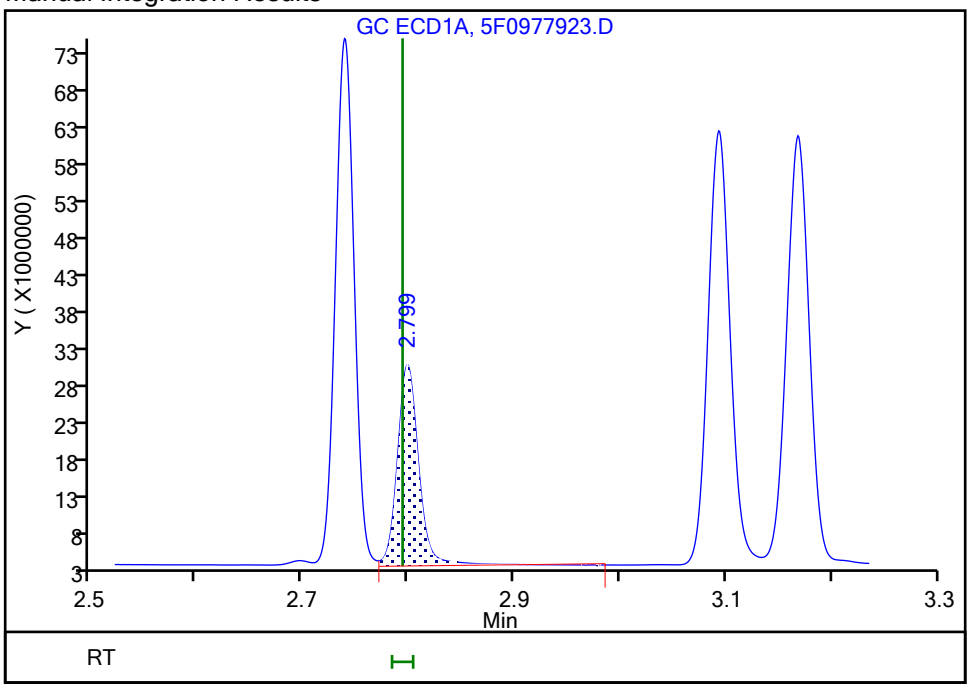
Processing Integration Results

RT: 2.80
Area: 35587134
Amount: 164.6003
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 37593933
Amount: 173.8823
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:37 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

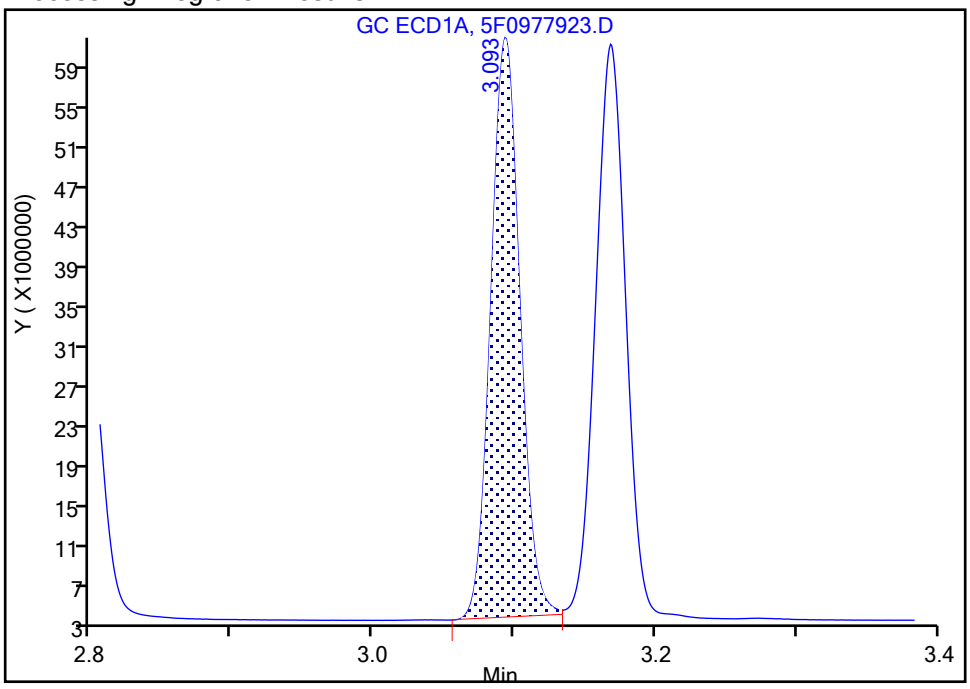
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

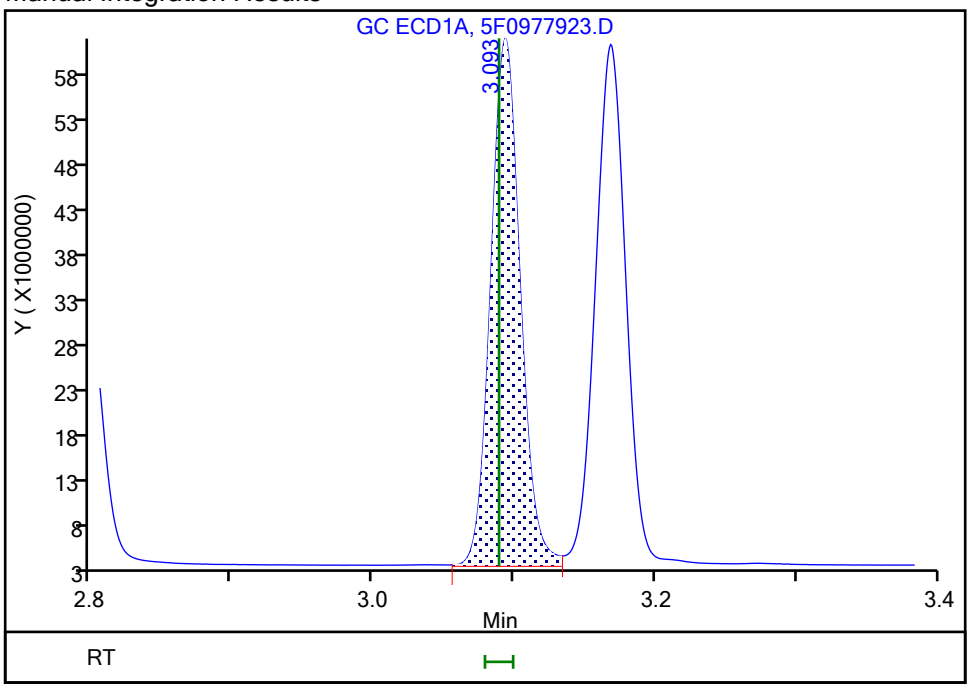
Processing Integration Results

RT: 3.09
Area: 83866737
Amount: 162.5682
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 85220426
Amount: 165.1922
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:38 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

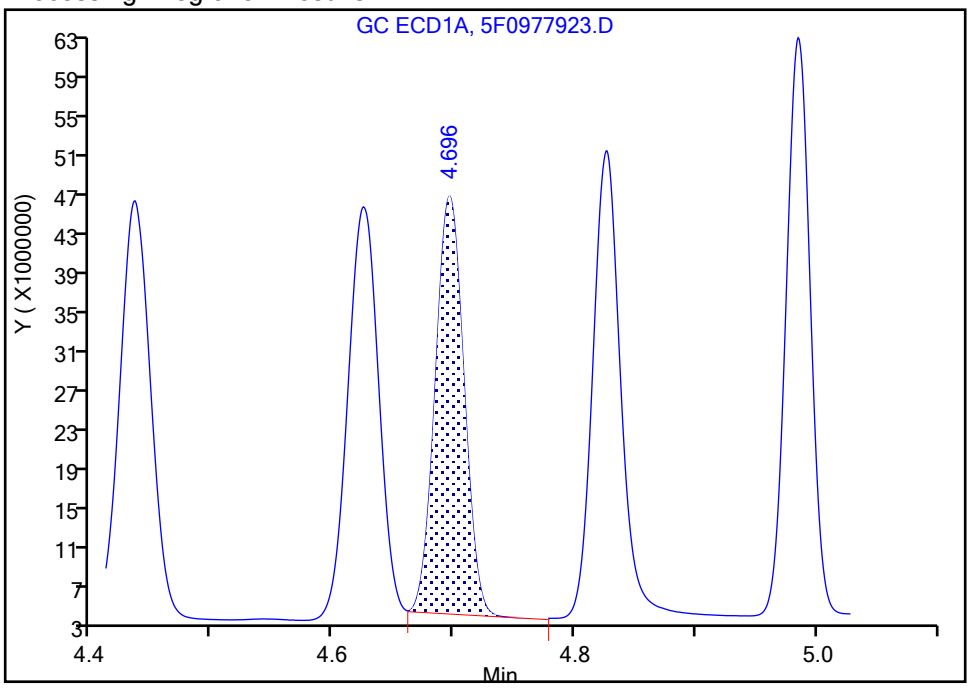
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

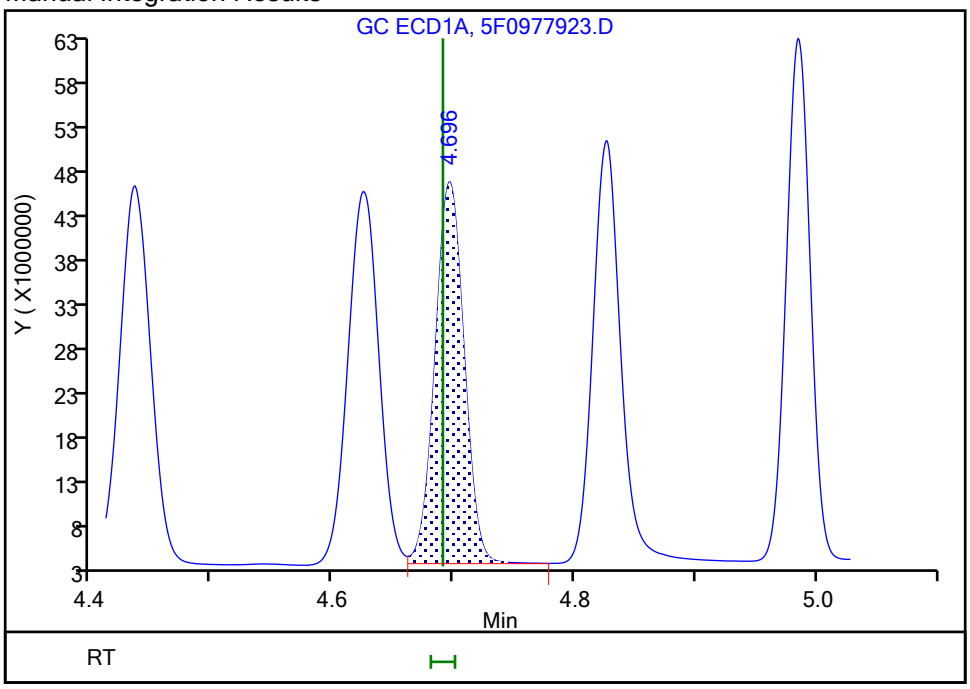
Processing Integration Results

RT: 4.70
Area: 69720265
Amount: 169.9800
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 72005917
Amount: 175.5525
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:44 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

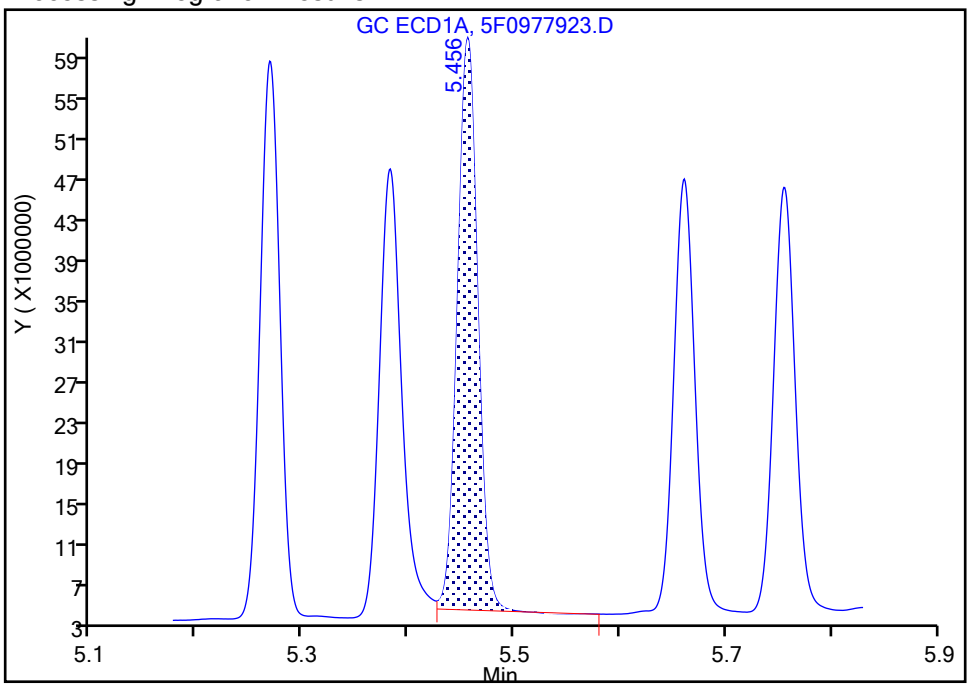
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

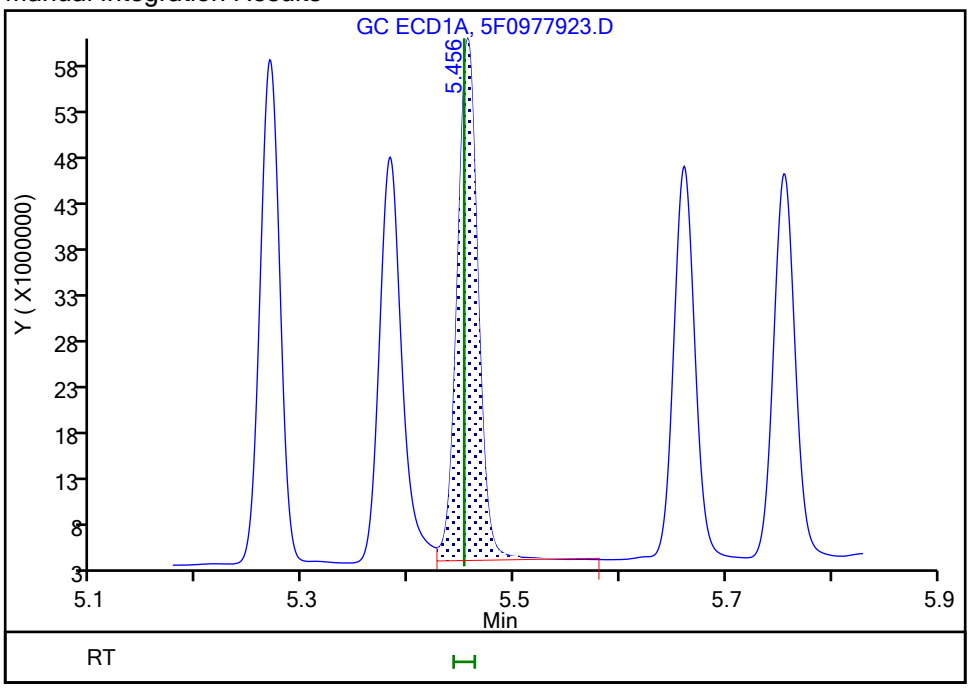
Processing Integration Results

RT: 5.46
Area: 74867152
Amount: 166.8661
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 77889314
Amount: 173.6020
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:45 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

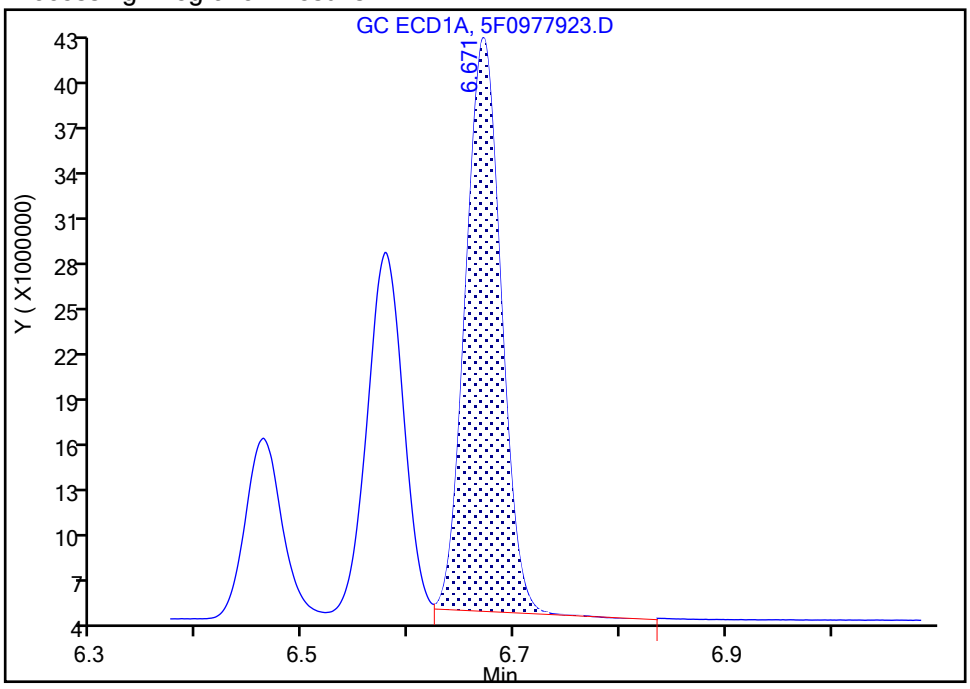
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D | | | | |
| Injection Date: | 07-Feb-2025 03:23:37 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCS 460-1019984/2-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

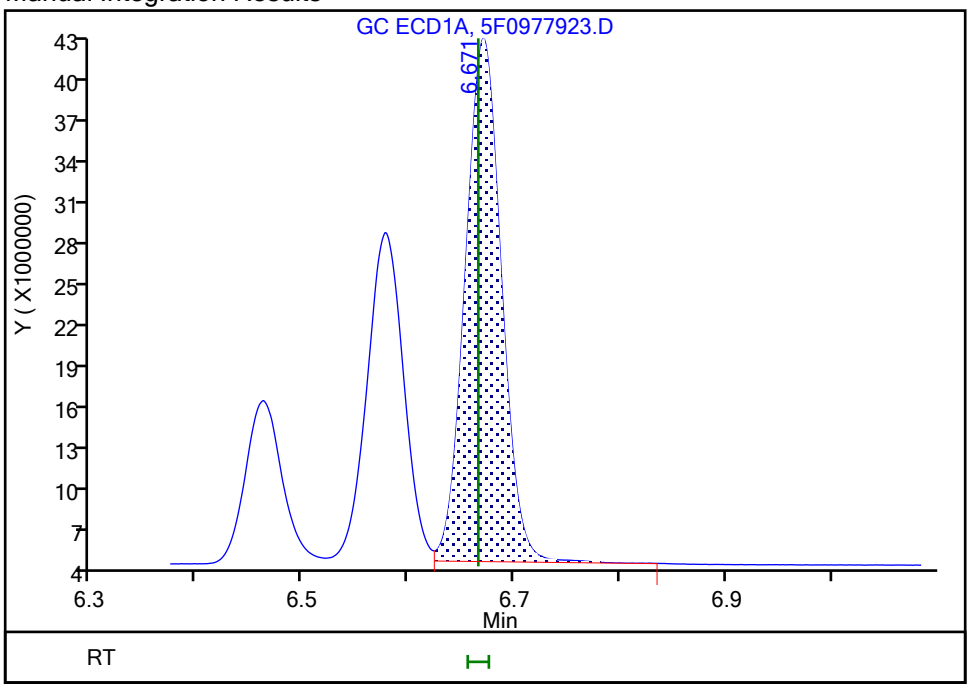
Processing Integration Results

RT: 6.67
Area: 87493600
Amount: 166.4842
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 89998808
Amount: 171.2511
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:20:00 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

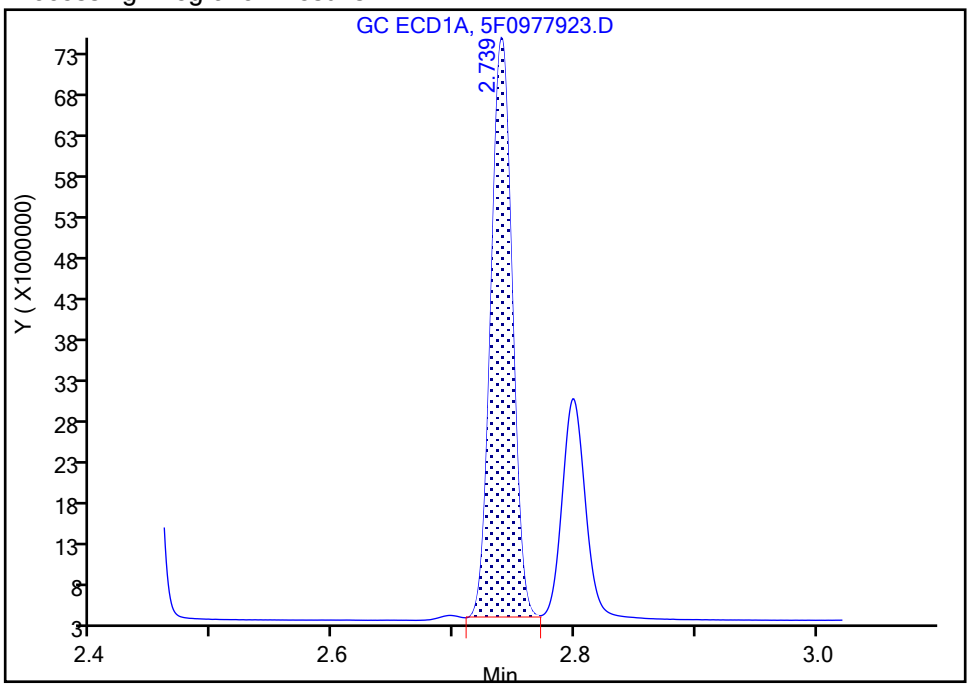
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D | | | | |
| Injection Date: | 07-Feb-2025 03:23:37 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCS 460-1019984/2-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

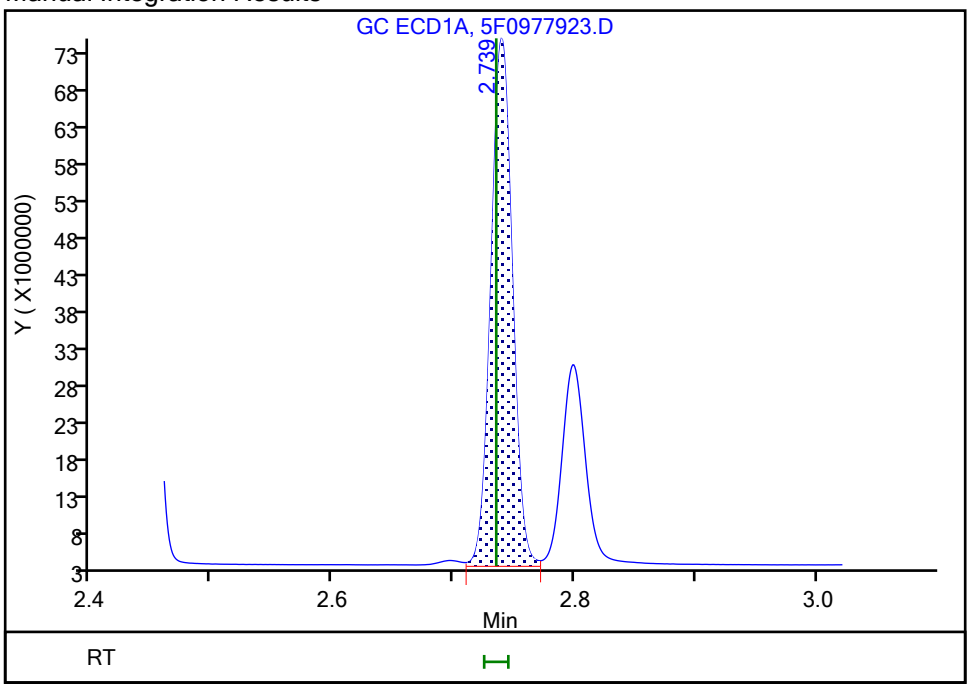
Processing Integration Results

RT: 2.74
Area: 86264385
Amount: 170.8260
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 87826088
Amount: 173.9186
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:37 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

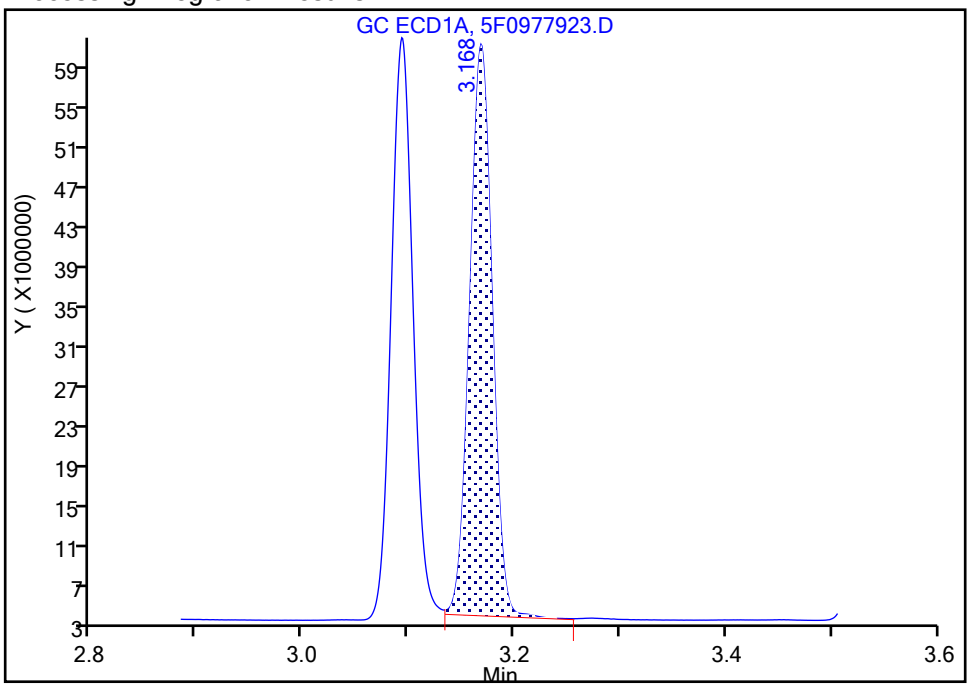
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

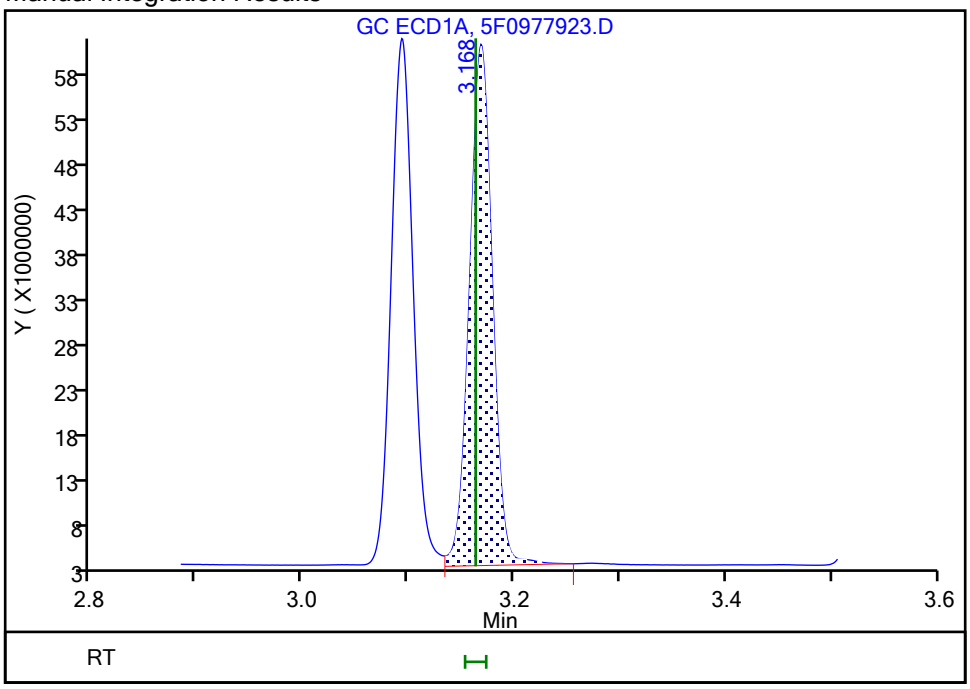
Processing Integration Results

RT: 3.17
Area: 85277368
Amount: 167.7492
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 87636582
Amount: 172.3900
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:38 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1019984/2-A

Matrix: Solid | Lab File ID: 5F0977923.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.115 | | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.118 | | 0.0067 | 0.00079 |
| 50-29-3 | 4,4'-DDT | 0.116 | | 0.0067 | 0.0012 |
| 309-00-2 | Aldrin | 0.110 | | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.116 | | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.111 | | 0.0020 | 0.00075 |
| 319-86-8 | delta-BHC | 0.112 | | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.116 | | 0.0020 | 0.00087 |
| 959-98-8 | Endosulfan I | 0.120 | | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.123 | | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.107 | | 0.0067 | 0.00084 |
| 72-20-8 | Endrin | 0.111 | | 0.0067 | 0.00096 |
| 7421-93-4 | Endrin aldehyde | 0.113 | | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.113 | | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.114 | | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.113 | | 0.0067 | 0.00079 |
| 1024-57-3 | Heptachlor epoxide | 0.112 | | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.116 | | 0.0067 | 0.0015 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 69 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 67 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Lims ID: LCS 460-1019984/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 03:23:37 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-006
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:20:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.511 | 1.510 | 0.001 | 32283392 | 100.0 | 100.0 | |
| 2 | 1.613 | 1.612 | 0.001 | 62605864 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.018 | 2.016 | 0.002 | 10895960 | 50.0 | 31.6 | |
| 2 | 2.000 | 1.996 | 0.004 | 25537911 | 50.0 | 33.6 | |
| | | | | | | RPD = 6.32 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.445 | 2.441 | 0.004 | 97683388 | 200.0 | 178.7 | |
| 2 | 2.334 | 2.331 | 0.003 | 198147102 | 200.0 | 173.9 | |
| | | | | | | RPD = 2.73 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.739 | 2.735 | 0.004 | 87826088 | 200.0 | 173.9 | M |
| 2 | 2.550 | 2.546 | 0.004 | 179125322 | 200.0 | 170.4 | M |
| | | | | | | RPD = 2.07 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.794 | 0.005 | 37593933 | 200.0 | 173.9 | M |
| 2 | 2.603 | 2.599 | 0.004 | 76994068 | 200.0 | 166.6 | M |
| | | | | | | RPD = 4.27 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.093 | 3.089 | 0.004 | 85220426 | 200.0 | 165.2 | M |
| 2 | 2.743 | 2.739 | 0.004 | 178965025 | 200.0 | 168.7 | |
| | | | | | | RPD = 2.09 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.168 | 3.163 | 0.005 | 87636582 | 200.0 | 172.4 | M |
| 2 | 2.923 | 2.919 | 0.004 | 188840336 | 200.0 | 170.0 | |
| | | | | | | RPD = 1.37 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.533 | 0.006 | 82159181 | 200.0 | 164.6 | |
| 2 | 3.192 | 3.186 | 0.006 | 182307387 | 200.0 | 165.6 | |
| | | | | | | RPD = 0.59 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.207 | 4.201 | 0.006 | 73807665 | 200.0 | 169.7 | |
| 2 | 3.810 | 3.804 | 0.006 | 167325364 | 200.0 | 168.3 | |
| | | | | | | RPD = 0.85 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.429 | 0.007 | 76506714 | 200.0 | 171.9 | |
| 2 | 3.942 | 3.936 | 0.006 | 174793823 | 200.0 | 172.6 | |
| | | | | | | RPD = 0.43 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.619 | 0.006 | 74532288 | 200.0 | 174.8 | M |
| 2 | 4.080 | 4.074 | 0.006 | 167549580 | 200.0 | 174.8 | |
| | | | | | | RPD = 0.00 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.696 | 4.691 | 0.005 | 72005917 | 200.0 | 175.6 | M |
| 2 | 4.226 | 4.221 | 0.005 | 161289236 | 200.0 | 180.5 | |
| | | | | | | RPD = 2.79 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.826 | 4.821 | 0.005 | 76343731 | 200.0 | 171.9 | |
| 2 | 4.162 | 4.156 | 0.006 | 165581085 | 200.0 | 176.6 | |
| | | | | | | RPD = 2.68 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.985 | 4.981 | 0.004 | 81511583 | 200.0 | 171.2 | |
| 2 | 4.499 | 4.492 | 0.007 | 175428851 | 200.0 | 173.6 | |
| | | | | | | RPD = 1.39 | |
| 20 Endrin | | | | | | | |
| 1 | 5.268 | 5.265 | 0.003 | 71262731 | 200.0 | 161.2 | |
| 2 | 4.761 | 4.756 | 0.005 | 154017113 | 200.0 | 166.6 | |
| | | | | | | RPD = 3.27 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.382 | 5.378 | 0.004 | 65115915 | 200.0 | 149.9 | M |
| 2 | 4.838 | 4.833 | 0.005 | 136186612 | 200.0 | 173.0 | |
| | | | | | | RPD = 14.32 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.456 | 5.452 | 0.004 | 77889314 | 200.0 | 173.6 | M |
| 2 | 4.976 | 4.970 | 0.006 | 144875003 | 200.0 | 184.6 | |
| | | | | | | RPD = 6.14 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.657 | 0.004 | 59410226 | 200.0 | 169.1 | |
| 2 | 5.099 | 5.095 | 0.004 | 138960868 | 200.0 | 174.6 | |
| | | | | | | RPD = 3.19 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.755 | 5.751 | 0.004 | 59301088 | 200.0 | 164.8 | |
| 2 | 5.334 | 5.331 | 0.003 | 113959118 | 200.0 | 170.0 | |
| | | | | | | RPD = 3.13 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.018 | 6.016 | 0.002 | 76212386 | 200.0 | 165.0 | |
| 2 | 5.691 | 5.689 | 0.002 | 137886163 | 200.0 | 160.0 | |
| | | | | | | RPD = 3.07 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.462 | 6.457 | 0.005 | 28062883 | 200.0 | 165.6 | |
| 2 | 5.528 | 5.526 | 0.002 | 72704907 | 200.0 | 174.0 | M |
| | | | | | | RPD = 4.97 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.578 | 6.574 | 0.004 | 56959237 | 200.0 | 155.1 | M |
| 2 | 5.596 | 5.593 | 0.003 | 106475940 | 200.0 | 157.9 | M |
| | | | | | | RPD = 1.80 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.671 | 6.666 | 0.005 | 89998808 | 200.0 | 171.3 | M |
| 2 | 5.919 | 5.916 | 0.003 | 162391498 | 200.0 | 169.8 | |
| | | | | | | RPD = 0.85 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 17338386 | 50.0 | 33.0 | |
| 2 | 7.312 | 7.308 | 0.004 | 31984031 | 50.0 | 34.7 | |
| | | | | | | RPD = 4.99 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

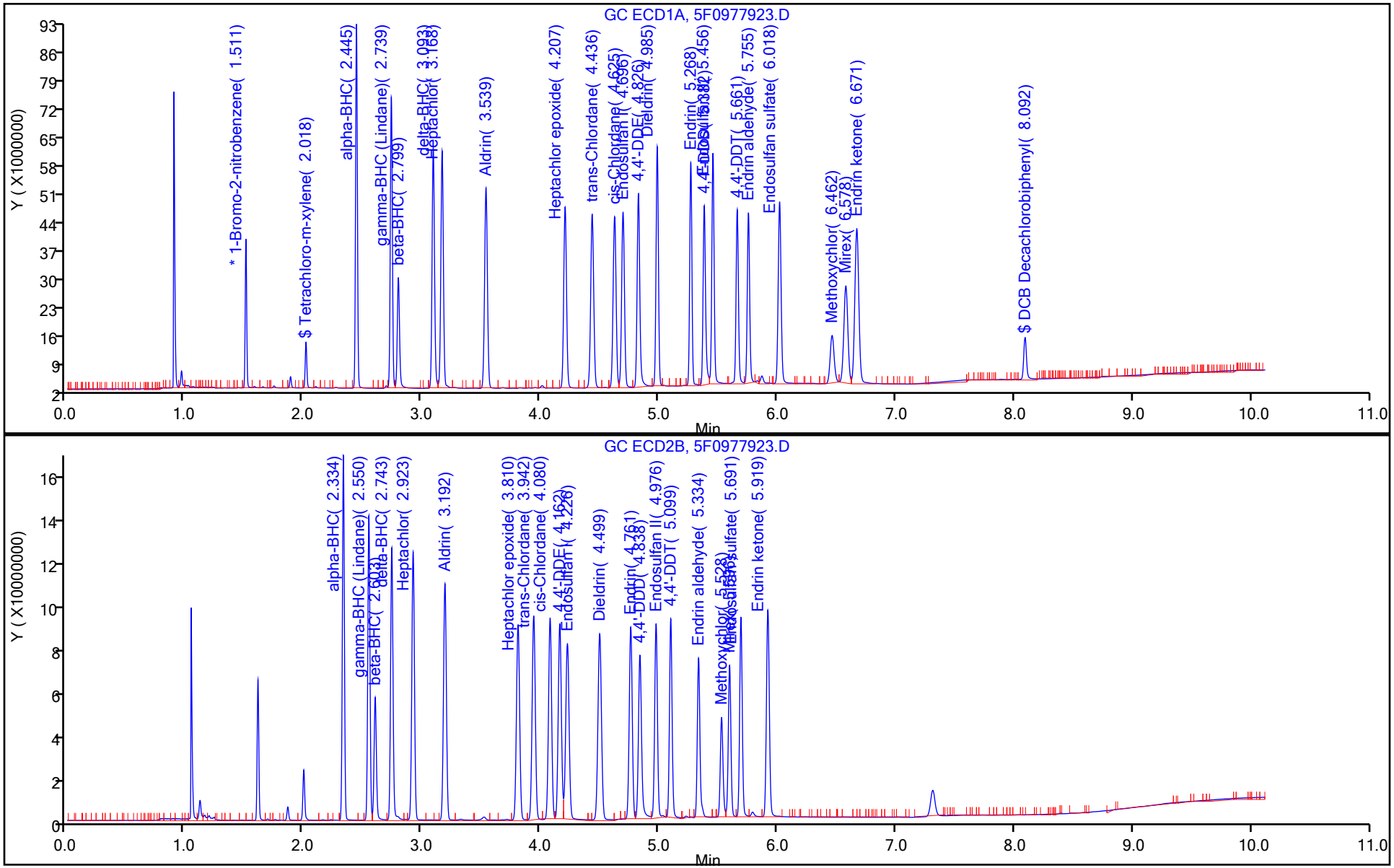
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:23:37 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | LCS 460-1019984/2-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Lims ID: LCS 460-1019984/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 03:23:37 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-006
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:20:04

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 31.6 | 63.11 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 33.0 | 66.00 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 33.6 | 67.23 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 34.7 | 69.38 |

Manual Integration/User Assign Peak Report

Eurofins Edison

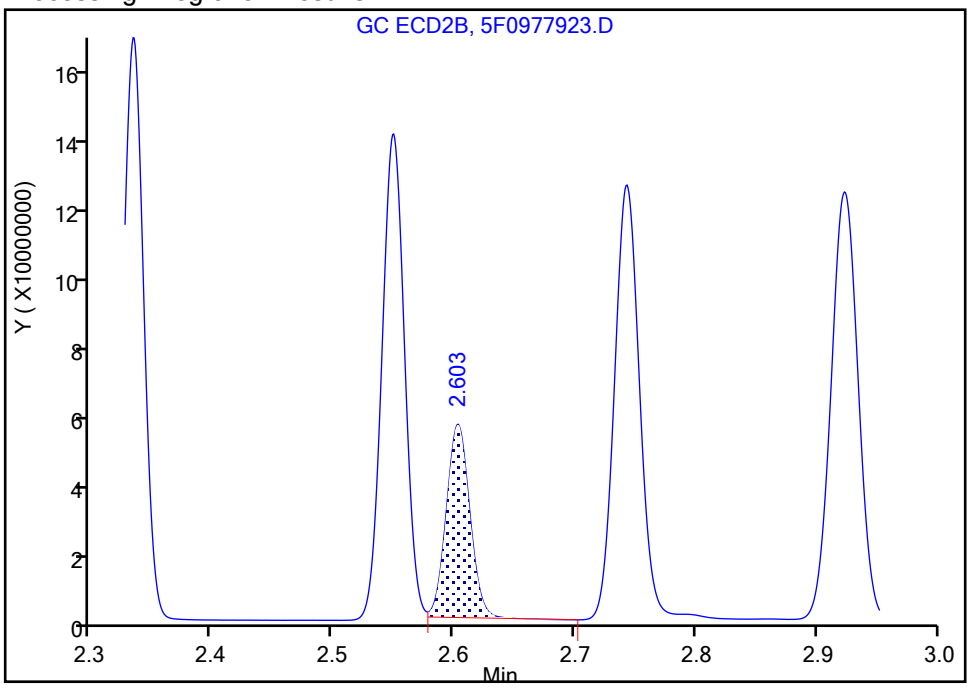
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

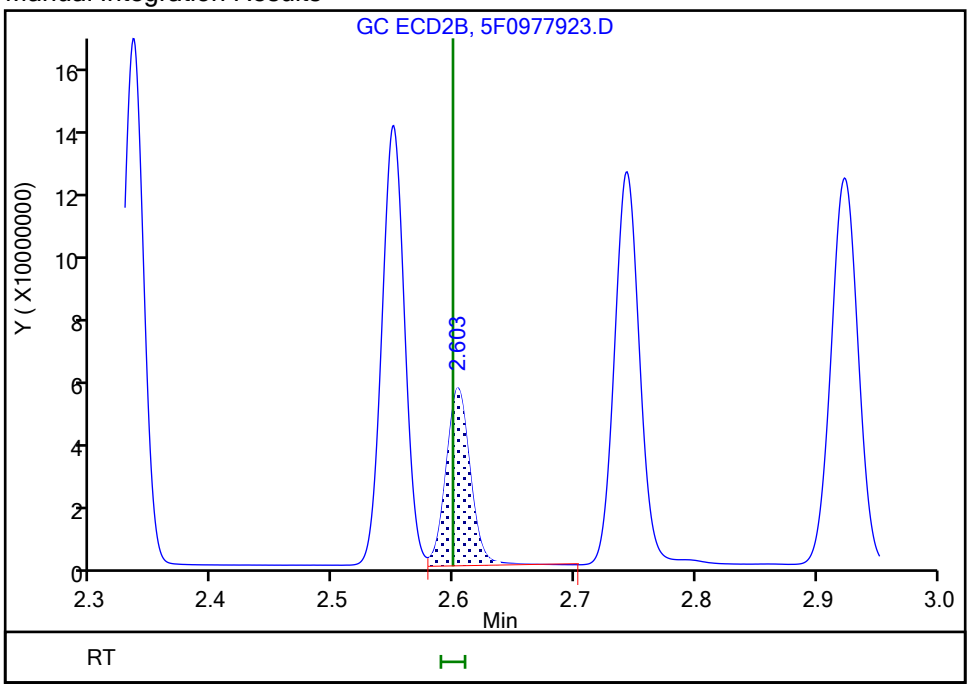
Processing Integration Results

RT: 2.60
Area: 74611179
Amount: 161.4549
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 76994068
Amount: 166.6114
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

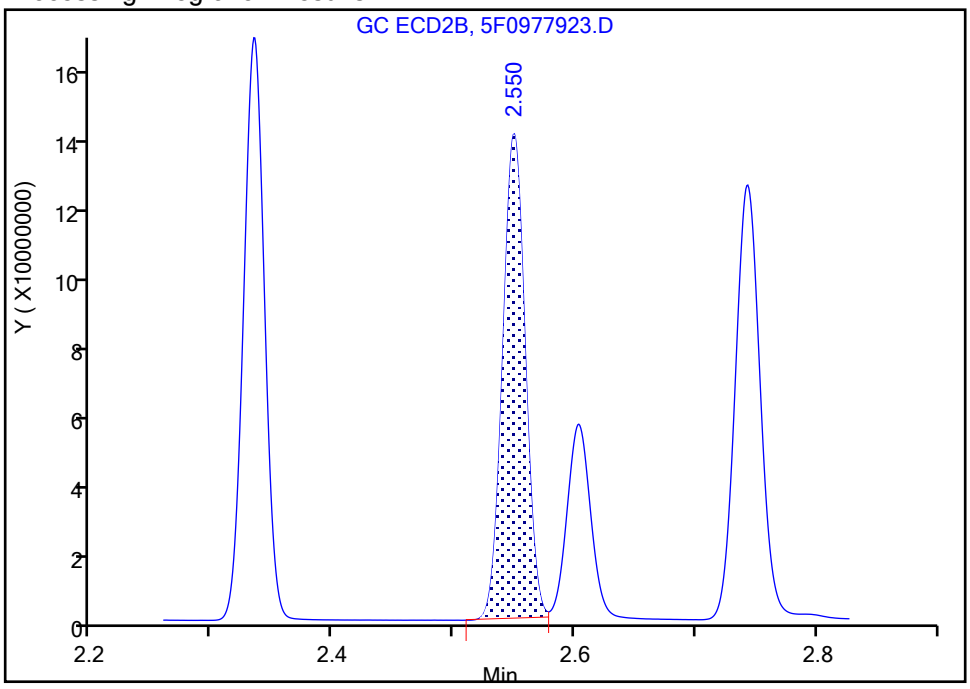
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D | | | | |
| Injection Date: | 07-Feb-2025 03:23:37 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCS 460-1019984/2-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

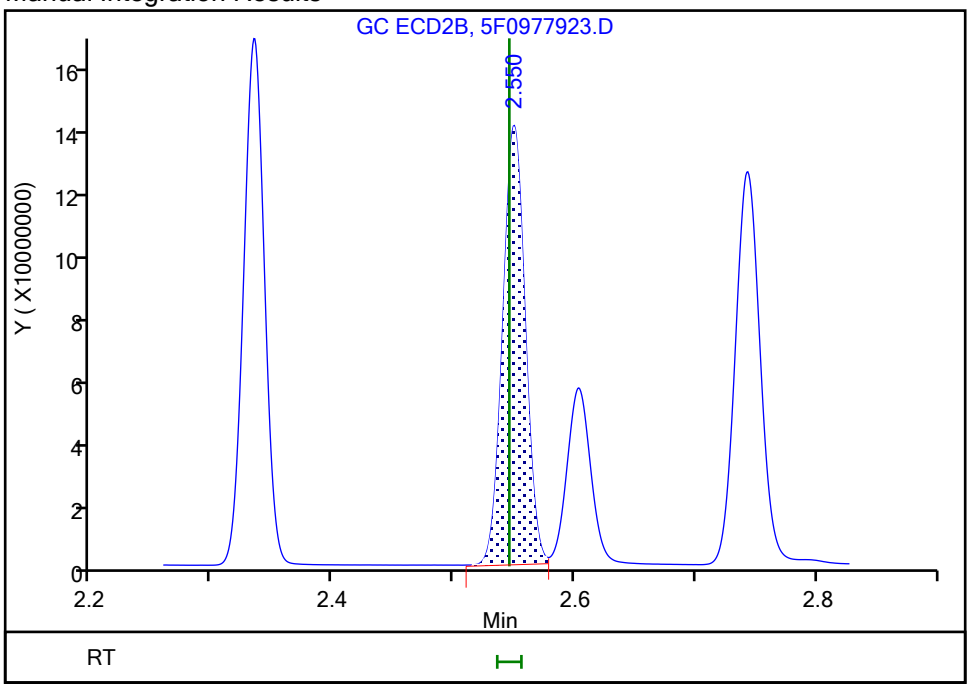
Processing Integration Results

RT: 2.55
Area: 177756047
Amount: 169.0502
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 179125322
Amount: 170.3524
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:50 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

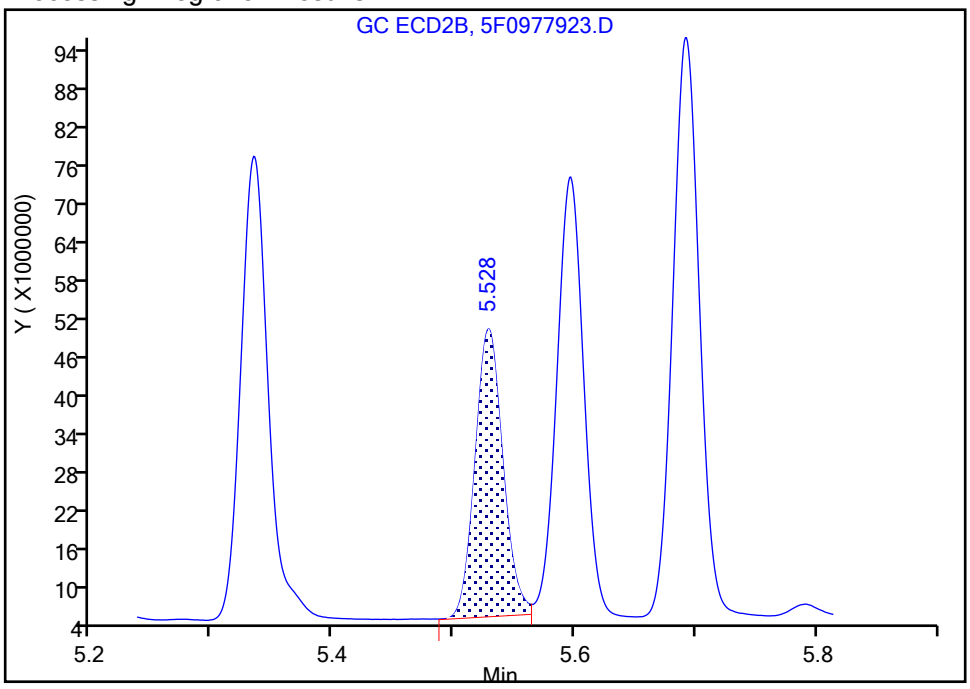
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977923.D
Injection Date: 07-Feb-2025 03:23:37 Instrument ID: CPESTGC5
Lims ID: LCS 460-1019984/2-A
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

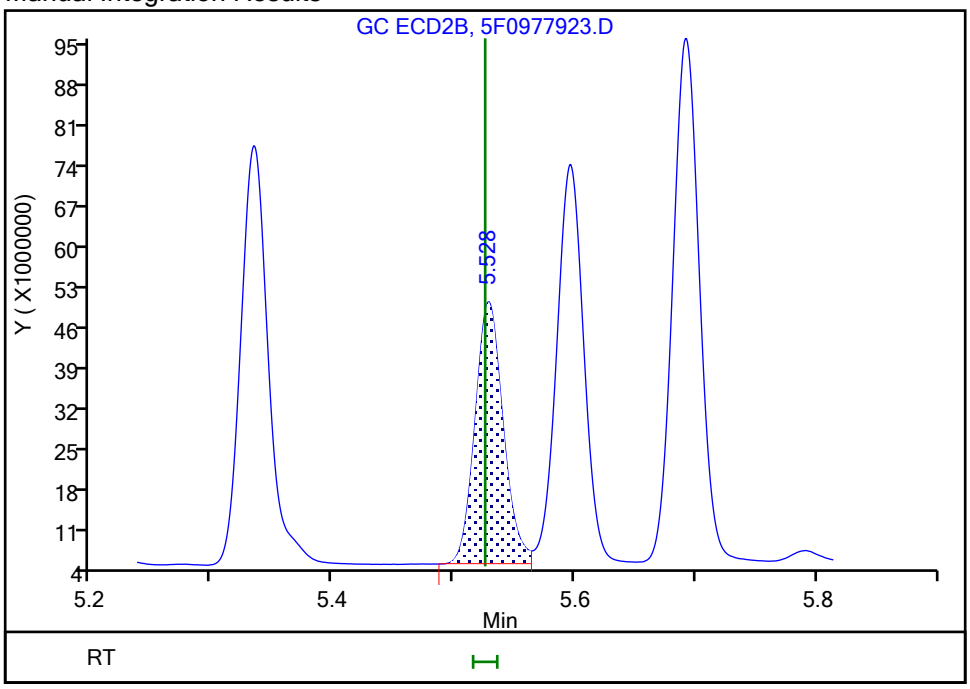
Processing Integration Results

RT: 5.53
Area: 71087531
Amount: 170.1381
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 72704907
Amount: 174.0090
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020298/2-A

Matrix: Water | Lab File ID: 4F001970.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.894 | | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.956 | | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.846 | | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.938 | | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.959 | | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.945 | | 0.020 | 0.015 |
| 319-86-8 | delta-BHC | 0.871 | | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.949 | | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.970 | | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 1.01 | | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.863 | | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.849 | | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.938 | | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.948 | | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.959 | | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.960 | | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.962 | | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.788 | | 0.020 | 0.0040 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 56 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 92 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D
Lims ID: LCS 460-1020298/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Feb-2025 08:44:36 ALS Bottle#: 31 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-006
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 08:56:30

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 61127957 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 140083835 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.959 | 1.954 | 0.005 | 61847130 | 100.0 | 91.9 | |
| 2 | 1.760 | 1.757 | 0.003 | 148286176 | 100.0 | 91.4 | |
| | | | | | | RPD = 0.49 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.373 | 2.367 | 0.006 | 236157352 | 200.0 | 239.6 | |
| 2 | 2.057 | 2.054 | 0.003 | 559654383 | 200.0 | 239.2 | |
| | | | | | | RPD = 0.19 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.659 | 2.652 | 0.007 | 216419703 | 200.0 | 239.7 | |
| 2 | 2.241 | 2.238 | 0.003 | 510257349 | 200.0 | 240.3 | |
| | | | | | | RPD = 0.25 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.715 | 2.709 | 0.006 | 94193727 | 200.0 | 236.4 | |
| 2 | 2.289 | 2.286 | 0.003 | 210748135 | 200.0 | 231.3 | |
| | | | | | | RPD = 2.16 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.001 | 2.993 | 0.008 | 198766968 | 200.0 | 217.6 | |
| 2 | 2.410 | 2.406 | 0.004 | 469639215 | 200.0 | 218.8 | |
| | | | | | | RPD = 0.54 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.073 | 3.065 | 0.008 | 228662159 | 200.0 | 240.0 | |
| 2 | 2.566 | 2.562 | 0.004 | 543864997 | 200.0 | 243.5 | |
| | | | | | | RPD = 1.45 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.431 | 3.423 | 0.008 | 223055528 | 200.0 | 234.6 | |
| 2 | 2.796 | 2.791 | 0.005 | 524307102 | 200.0 | 235.3 | |
| | | | | | | RPD = 0.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.107 | 4.099 | 0.008 | 199771119 | 200.0 | 240.4 | |
| 2 | 3.330 | 3.326 | 0.004 | 483934026 | 200.0 | 240.5 | |
| | | | | | | RPD = 0.04 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.327 | 4.318 | 0.009 | 208023527 | 200.0 | 245.3 | |
| 2 | 3.460 | 3.454 | 0.006 | 500263500 | 200.0 | 241.4 | |
| | | | | | | RPD = 1.64 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.515 | 4.505 | 0.010 | 199204458 | 200.0 | 244.9 | |
| 2 | 3.604 | 3.599 | 0.005 | 480810361 | 200.0 | 240.5 | |
| | | | | | | RPD = 1.81 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.592 | 4.582 | 0.010 | 187682814 | 200.0 | 242.5 | |
| 2 | 3.754 | 3.749 | 0.005 | 461406146 | 200.0 | 242.5 | |
| | | | | | | RPD = 0.01 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.735 | 4.727 | 0.008 | 200734924 | 200.0 | 239.1 | |
| 2 | 3.701 | 3.696 | 0.005 | 490125241 | 200.0 | 233.1 | |
| | | | | | | RPD = 2.55 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.907 | 4.899 | 0.008 | 206146100 | 200.0 | 237.2 | |
| 2 | 4.006 | 4.001 | 0.005 | 508387174 | 200.0 | 237.7 | |
| | | | | | | RPD = 0.21 | |
| 20 Endrin | | | | | | | |
| 1 | 5.210 | 5.204 | 0.006 | 168417765 | 200.0 | 212.3 | |
| 2 | 4.248 | 4.243 | 0.005 | 448878105 | 200.0 | 231.5 | |
| | | | | | | RPD = 8.66 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.331 | 5.326 | 0.005 | 166056395 | 200.0 | 223.4 | |
| 2 | 4.349 | 4.344 | 0.005 | 401595801 | 200.0 | 228.7 | |
| | | | | | | RPD = 2.37 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.411 | 5.405 | 0.006 | 183805530 | 200.0 | 253.6 | |
| 2 | 4.506 | 4.500 | 0.006 | 415023975 | 200.0 | 246.2 | |
| | | | | | | RPD = 2.95 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.652 | 5.646 | 0.006 | 159452939 | 200.0 | 211.5 | |
| 2 | 4.686 | 4.681 | 0.005 | 416527169 | 200.0 | 235.1 | |
| | | | | | | RPD = 10.55 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.775 | 5.769 | 0.006 | 135208406 | 200.0 | 234.4 | |
| 2 | 4.961 | 4.957 | 0.004 | 335323436 | 200.0 | 234.6 | |
| | | | | | | RPD = 0.09 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.122 | 6.114 | 0.008 | 168183115 | 200.0 | 215.6 | |
| 2 | 5.355 | 5.352 | 0.003 | 418269724 | 200.0 | 219.0 | |
| | | | | | | RPD = 1.57 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.699 | 6.691 | 0.008 | 83871301 | 200.0 | 197.0 | |
| 2 | 5.193 | 5.190 | 0.003 | 225126102 | 200.0 | 231.0 | |
| | | | | | | RPD = 15.89 | |
| 34 Mirex | | | | | | | |
| 1 | 6.849 | 6.843 | 0.006 | 137465184 | 200.0 | 216.1 | |
| 2 | 5.254 | 5.250 | 0.004 | 309265939 | 200.0 | 215.9 | |
| | | | | | | RPD = 0.09 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.958 | 6.949 | 0.009 | 212819103 | 200.0 | 237.1 | |
| 2 | 5.600 | 5.596 | 0.004 | 485549789 | 200.0 | 227.3 | |
| | | | | | | RPD = 4.22 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.206 | 8.202 | 0.004 | 39312784 | 100.0 | 55.8 | |
| 2 | 7.098 | 7.093 | 0.005 | 111007944 | 100.0 | 55.2 | |
| | | | | | | RPD = 1.02 | |

## QC Flag Legend

Processing Flags

## Reagents:

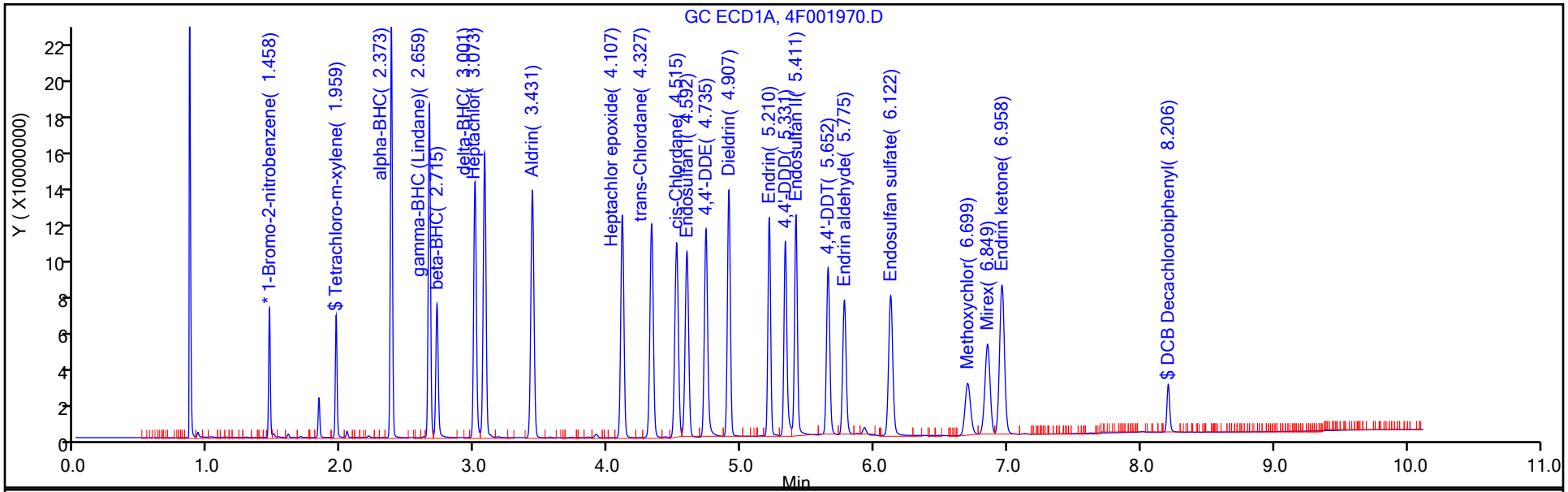
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

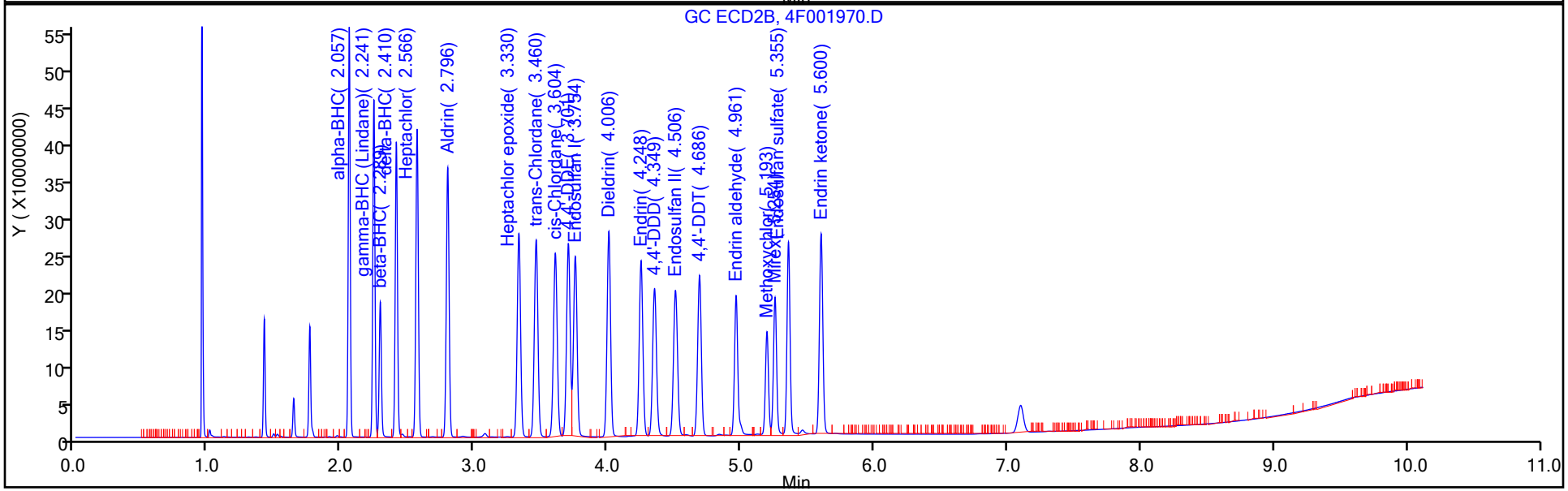
Report Date: 10-Feb-2025 14:26:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:44:36 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | LCS 460-1020298/2-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 31 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D | | | | |
| Lims ID: | LCS 460-1020298/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 09-Feb-2025 08:44:36 | ALS Bottle#: | 31 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186696-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC4 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 10-Feb-2025 14:26:24 | Calib Date: | 27-Nov-2024 10:07:24 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1690 | | | | |
| First Level Reviewer: OR9X | | Date: | 10-Feb-2025 08:56:30 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 91.9 | 91.85 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.8 | 55.80 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 91.4 | 91.40 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.2 | 55.23 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020298/2-A

Matrix: Water | Lab File ID: 4F001970.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.915 | | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.932 | | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.940 | | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.941 | | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.957 | | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.925 | | 0.020 | 0.015 |
| 319-86-8 | delta-BHC | 0.875 | | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.951 | | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.970 | | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 0.985 | | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.876 | | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.926 | | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.938 | | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.909 | | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.961 | | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 0.974 | | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.962 | | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.924 | | 0.020 | 0.0040 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 55 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 91 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D
Lims ID: LCS 460-1020298/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Feb-2025 08:44:36 ALS Bottle#: 31 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-006
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 08:56:30

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.458 | 1.457 | 0.001 | 61127957 | 100.0 | 100.0 | |
| 2 | 1.419 | 1.419 | 0.000 | 140083835 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.959 | 1.954 | 0.005 | 61847130 | 100.0 | 91.9 | |
| 2 | 1.760 | 1.757 | 0.003 | 148286176 | 100.0 | 91.4 | |
| | | | | | | RPD = 0.49 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.373 | 2.367 | 0.006 | 236157352 | 200.0 | 239.6 | |
| 2 | 2.057 | 2.054 | 0.003 | 559654383 | 200.0 | 239.2 | |
| | | | | | | RPD = 0.19 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.659 | 2.652 | 0.007 | 216419703 | 200.0 | 239.7 | |
| 2 | 2.241 | 2.238 | 0.003 | 510257349 | 200.0 | 240.3 | |
| | | | | | | RPD = 0.25 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.715 | 2.709 | 0.006 | 94193727 | 200.0 | 236.4 | |
| 2 | 2.289 | 2.286 | 0.003 | 210748135 | 200.0 | 231.3 | |
| | | | | | | RPD = 2.16 | |
| 32 delta-BHC | | | | | | | |
| 1 | 3.001 | 2.993 | 0.008 | 198766968 | 200.0 | 217.6 | |
| 2 | 2.410 | 2.406 | 0.004 | 469639215 | 200.0 | 218.8 | |
| | | | | | | RPD = 0.54 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.073 | 3.065 | 0.008 | 228662159 | 200.0 | 240.0 | |
| 2 | 2.566 | 2.562 | 0.004 | 543864997 | 200.0 | 243.5 | |
| | | | | | | RPD = 1.45 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.431 | 3.423 | 0.008 | 223055528 | 200.0 | 234.6 | |
| 2 | 2.796 | 2.791 | 0.005 | 524307102 | 200.0 | 235.3 | |
| | | | | | | RPD = 0.32 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.107 | 4.099 | 0.008 | 199771119 | 200.0 | 240.4 | |
| 2 | 3.330 | 3.326 | 0.004 | 483934026 | 200.0 | 240.5 | |
| | | | | | | RPD = 0.04 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.327 | 4.318 | 0.009 | 208023527 | 200.0 | 245.3 | |
| 2 | 3.460 | 3.454 | 0.006 | 500263500 | 200.0 | 241.4 | |
| | | | | | | RPD = 1.64 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.515 | 4.505 | 0.010 | 199204458 | 200.0 | 244.9 | |
| 2 | 3.604 | 3.599 | 0.005 | 480810361 | 200.0 | 240.5 | |
| | | | | | | RPD = 1.81 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.592 | 4.582 | 0.010 | 187682814 | 200.0 | 242.5 | |
| 2 | 3.754 | 3.749 | 0.005 | 461406146 | 200.0 | 242.5 | |
| | | | | | | RPD = 0.01 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.735 | 4.727 | 0.008 | 200734924 | 200.0 | 239.1 | |
| 2 | 3.701 | 3.696 | 0.005 | 490125241 | 200.0 | 233.1 | |
| | | | | | | RPD = 2.55 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.907 | 4.899 | 0.008 | 206146100 | 200.0 | 237.2 | |
| 2 | 4.006 | 4.001 | 0.005 | 508387174 | 200.0 | 237.7 | |
| | | | | | | RPD = 0.21 | |
| 20 Endrin | | | | | | | |
| 1 | 5.210 | 5.204 | 0.006 | 168417765 | 200.0 | 212.3 | |
| 2 | 4.248 | 4.243 | 0.005 | 448878105 | 200.0 | 231.5 | |
| | | | | | | RPD = 8.66 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.331 | 5.326 | 0.005 | 166056395 | 200.0 | 223.4 | |
| 2 | 4.349 | 4.344 | 0.005 | 401595801 | 200.0 | 228.7 | |
| | | | | | | RPD = 2.37 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.411 | 5.405 | 0.006 | 183805530 | 200.0 | 253.6 | |
| 2 | 4.506 | 4.500 | 0.006 | 415023975 | 200.0 | 246.2 | |
| | | | | | | RPD = 2.95 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.652 | 5.646 | 0.006 | 159452939 | 200.0 | 211.5 | |
| 2 | 4.686 | 4.681 | 0.005 | 416527169 | 200.0 | 235.1 | |
| | | | | | | RPD = 10.55 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.775 | 5.769 | 0.006 | 135208406 | 200.0 | 234.4 | |
| 2 | 4.961 | 4.957 | 0.004 | 335323436 | 200.0 | 234.6 | |
| | | | | | | RPD = 0.09 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.122 | 6.114 | 0.008 | 168183115 | 200.0 | 215.6 | |
| 2 | 5.355 | 5.352 | 0.003 | 418269724 | 200.0 | 219.0 | |
| | | | | | | RPD = 1.57 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.699 | 6.691 | 0.008 | 83871301 | 200.0 | 197.0 | |
| 2 | 5.193 | 5.190 | 0.003 | 225126102 | 200.0 | 231.0 | |
| | | | | | | RPD = 15.89 | |
| 34 Mirex | | | | | | | |
| 1 | 6.849 | 6.843 | 0.006 | 137465184 | 200.0 | 216.1 | |
| 2 | 5.254 | 5.250 | 0.004 | 309265939 | 200.0 | 215.9 | |
| | | | | | | RPD = 0.09 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.958 | 6.949 | 0.009 | 212819103 | 200.0 | 237.1 | |
| 2 | 5.600 | 5.596 | 0.004 | 485549789 | 200.0 | 227.3 | |
| | | | | | | RPD = 4.22 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.206 | 8.202 | 0.004 | 39312784 | 100.0 | 55.8 | |
| 2 | 7.098 | 7.093 | 0.005 | 111007944 | 100.0 | 55.2 | |
| | | | | | | RPD = 1.02 | |

## QC Flag Legend

Processing Flags

## Reagents:

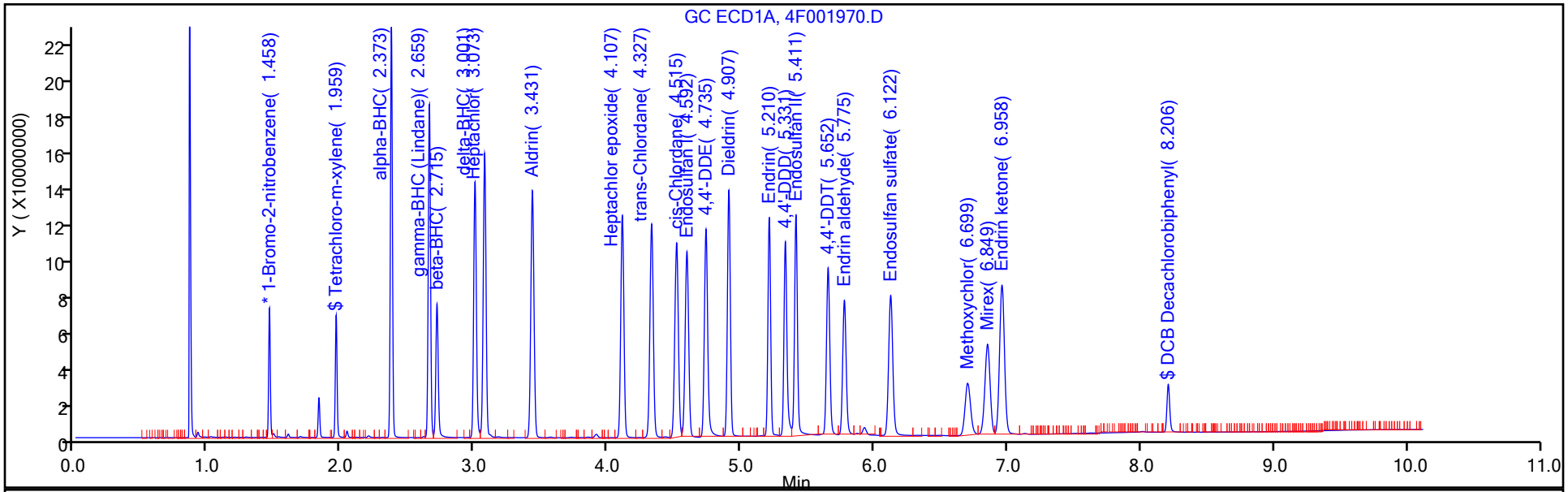
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

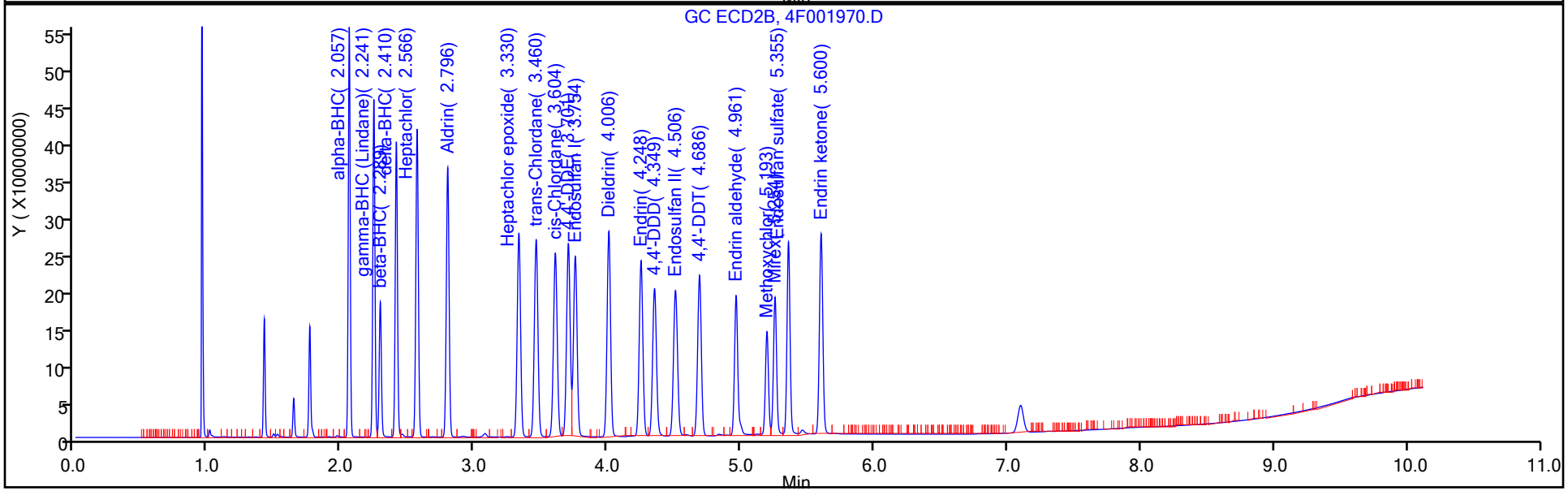
Report Date: 10-Feb-2025 14:26:29 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:44:36 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | LCS 460-1020298/2-A | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 31 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001970.D
Lims ID: LCS 460-1020298/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Feb-2025 08:44:36 ALS Bottle#: 31 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-006
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

First Level Reviewer: OR9X Date: 10-Feb-2025 08:56:30

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 91.9 | 91.85 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.8 | 55.80 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 91.4 | 91.40 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 55.2 | 55.23 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1019984/3-A

Matrix: Solid | Lab File ID: 5F0977924.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.101* | | *0.0067* | *0.0011* |
| *72-55-9* | *4,4'-DDE* | *0.116* | | *0.0067* | *0.00079* |
| *50-29-3* | *4,4'-DDT* | *0.115* | | *0.0067* | *0.0012* |
| *309-00-2* | *Aldrin* | *0.111* | | *0.0067* | *0.0010* |
| *319-84-6* | *alpha-BHC* | *0.121* | | *0.0020* | *0.00068* |
| *319-85-7* | *beta-BHC* | *0.118* | | *0.0020* | *0.00075* |
| *319-86-8* | *delta-BHC* | *0.113* | | *0.0020* | *0.00041* |
| *60-57-1* | *Dieldrin* | *0.115* | | *0.0020* | *0.00087* |
| *959-98-8* | *Endosulfan I* | *0.118* | | *0.0067* | *0.0010* |
| *33213-65-9* | *Endosulfan II* | *0.117* | | *0.0067* | *0.0017* |
| *1031-07-8* | *Endosulfan sulfate* | *0.112* | | *0.0067* | *0.00084* |
| *72-20-8* | *Endrin* | *0.109* | | *0.0067* | *0.00096* |
| *7421-93-4* | *Endrin aldehyde* | *0.111* | | *0.0067* | *0.0016* |
| *53494-70-5* | *Endrin ketone* | *0.117* | | *0.0067* | *0.0013* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.118* | | *0.0020* | *0.00062* |
| *76-44-8* | *Heptachlor* | *0.116* | | *0.0067* | *0.00079* |
| *1024-57-3* | *Heptachlor epoxide* | *0.114* | | *0.0067* | *0.0010* |
| *72-43-5* | *Methoxychlor* | *0.114* | | *0.0067* | *0.0015* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 74 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 69 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Lims ID: LCSD 460-1019984/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 03:36:36 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-007
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:19:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.510 | 0.002 | 33274246 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.612 | 0.002 | 63874187 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.019 | 2.016 | 0.003 | 12355703 | 50.0 | 34.7 | |
| 2 | 2.001 | 1.996 | 0.005 | 28173157 | 50.0 | 36.3 | |
| | | | | | | RPD = 4.58 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.445 | 2.441 | 0.004 | 102378496 | 200.0 | 181.8 | |
| 2 | 2.335 | 2.331 | 0.004 | 204271838 | 200.0 | 175.7 | |
| | | | | | | RPD = 3.37 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.740 | 2.735 | 0.005 | 92322521 | 200.0 | 177.4 | M |
| 2 | 2.551 | 2.546 | 0.005 | 184606082 | 200.0 | 172.1 | M |
| | | | | | | RPD = 3.03 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.794 | 0.005 | 39555991 | 200.0 | 177.5 | M |
| 2 | 2.604 | 2.599 | 0.005 | 79520344 | 200.0 | 168.7 | M |
| | | | | | | RPD = 5.11 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.094 | 3.089 | 0.005 | 89853652 | 200.0 | 169.0 | M |
| 2 | 2.744 | 2.739 | 0.005 | 185574985 | 200.0 | 171.4 | |
| | | | | | | RPD = 1.44 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.169 | 3.163 | 0.006 | 91281944 | 200.0 | 174.2 | M |
| 2 | 2.924 | 2.919 | 0.005 | 194194652 | 200.0 | 171.4 | |
| | | | | | | RPD = 1.63 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.533 | 0.006 | 85367804 | 200.0 | 166.0 | |
| 2 | 3.193 | 3.186 | 0.007 | 187556335 | 200.0 | 167.0 | |
| | | | | | | RPD = 0.61 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.201 | 0.007 | 76453107 | 200.0 | 170.6 | |
| 2 | 3.810 | 3.804 | 0.006 | 172110462 | 200.0 | 169.7 | |
| | | | | | | RPD = 0.54 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.429 | 0.007 | 79598936 | 200.0 | 173.5 | |
| 2 | 3.943 | 3.936 | 0.007 | 180043097 | 200.0 | 174.3 | |
| | | | | | | RPD = 0.44 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.619 | 0.006 | 77605512 | 200.0 | 176.6 | M |
| 2 | 4.081 | 4.074 | 0.007 | 173698195 | 200.0 | 177.6 | M |
| | | | | | | RPD = 0.59 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.691 | 0.006 | 74787639 | 200.0 | 176.9 | M |
| 2 | 4.228 | 4.221 | 0.007 | 167742397 | 200.0 | 184.0 | M |
| | | | | | | RPD = 3.94 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.827 | 4.821 | 0.006 | 79576513 | 200.0 | 173.8 | |
| 2 | 4.163 | 4.156 | 0.007 | 172464815 | 200.0 | 180.2 | M |
| | | | | | | RPD = 3.62 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.981 | 0.005 | 84803589 | 200.0 | 172.8 | |
| 2 | 4.500 | 4.492 | 0.008 | 180648966 | 200.0 | 175.2 | |
| | | | | | | RPD = 1.38 | |
| 20 Endrin | | | | | | | |
| 1 | 5.269 | 5.265 | 0.004 | 74245047 | 200.0 | 162.9 | |
| 2 | 4.763 | 4.756 | 0.007 | 159145943 | 200.0 | 168.7 | |
| | | | | | | RPD = 3.46 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.378 | 0.005 | 67892926 | 200.0 | 151.7 | M |
| 2 | 4.839 | 4.833 | 0.006 | 140313727 | 200.0 | 174.7 | |
| | | | | | | RPD = 14.14 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.452 | 0.005 | 81299188 | 200.0 | 175.8 | M |
| 2 | 4.975 | 4.970 | 0.005 | 148152127 | 200.0 | 185.0 | |
| | | | | | | RPD = 5.11 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.657 | 0.004 | 62659552 | 200.0 | 173.1 | |
| 2 | 5.100 | 5.095 | 0.005 | 144389765 | 200.0 | 177.8 | |
| | | | | | | RPD = 2.71 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.751 | 0.005 | 61857591 | 200.0 | 166.8 | |
| 2 | 5.335 | 5.331 | 0.004 | 117679023 | 200.0 | 172.1 | |
| | | | | | | RPD = 3.14 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 79688405 | 200.0 | 167.4 | |
| 2 | 5.693 | 5.689 | 0.004 | 143623150 | 200.0 | 163.4 | |
| | | | | | | RPD = 2.44 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.462 | 6.457 | 0.005 | 29980257 | 200.0 | 171.6 | M |
| 2 | 5.529 | 5.526 | 0.003 | 75579322 | 200.0 | 177.3 | M |
| | | | | | | RPD = 3.26 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.577 | 6.574 | 0.003 | 60280816 | 200.0 | 159.3 | M |
| 2 | 5.597 | 5.593 | 0.004 | 110019110 | 200.0 | 159.9 | M |
| | | | | | | RPD = 0.42 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.669 | 6.666 | 0.003 | 94875776 | 200.0 | 175.2 | M |
| 2 | 5.919 | 5.916 | 0.003 | 168009711 | 200.0 | 172.2 | |
| | | | | | | RPD = 1.71 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 20046534 | 50.0 | 37.0 | |
| 2 | 7.311 | 7.308 | 0.003 | 38119550 | 50.0 | 40.5 | |
| | | | | | | RPD = 9.04 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

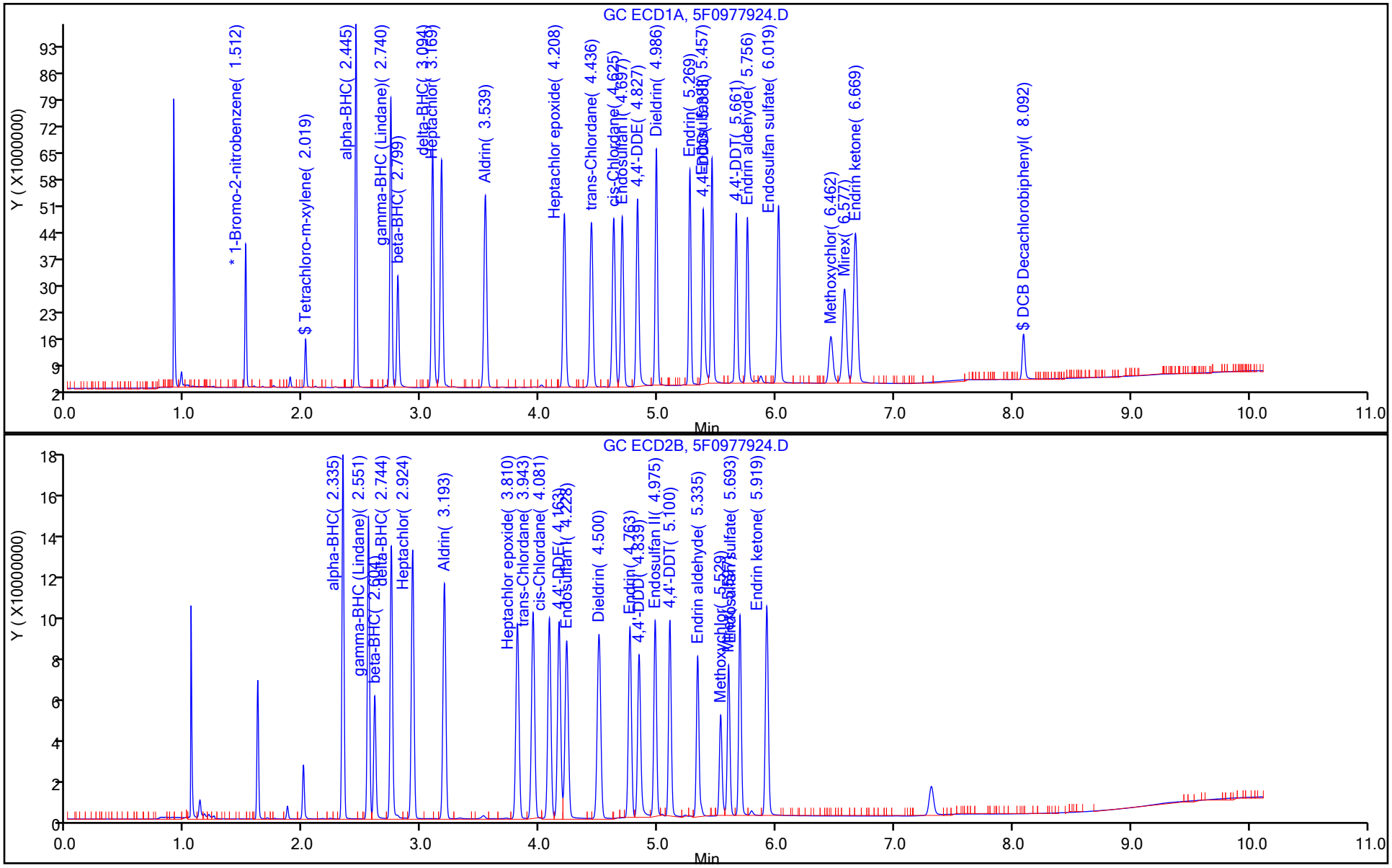
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:49 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | LCSD 460-1019984/3-A | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Lims ID: LCSD 460-1019984/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 03:36:36 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-007
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:19:29

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 34.7 | 69.44 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.0 | 74.04 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.70 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 40.5 | 81.05 |

Manual Integration/User Assign Peak Report

Eurofins Edison

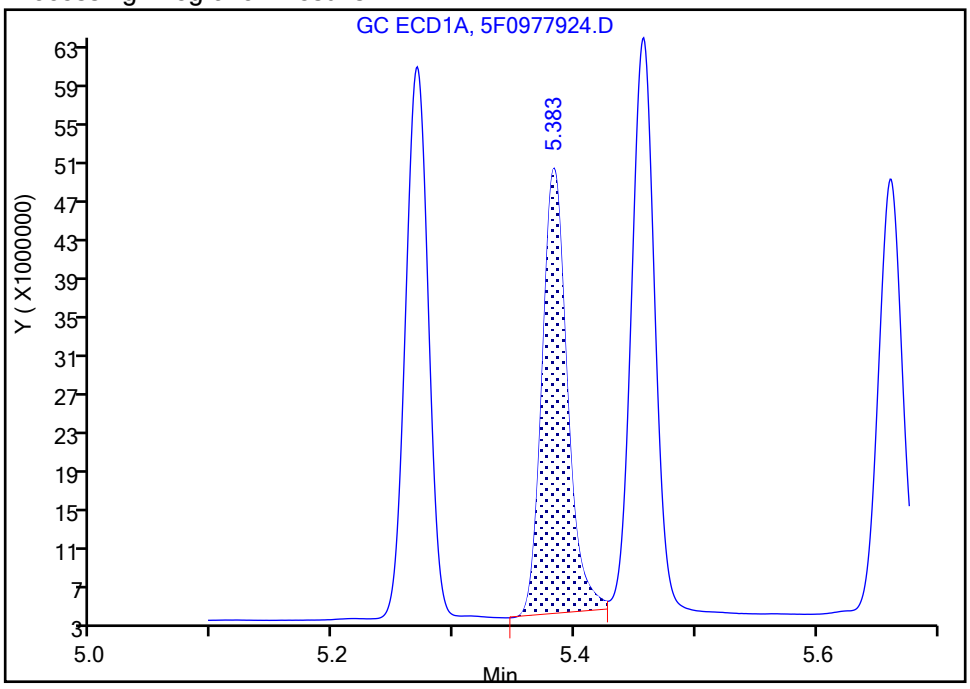
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

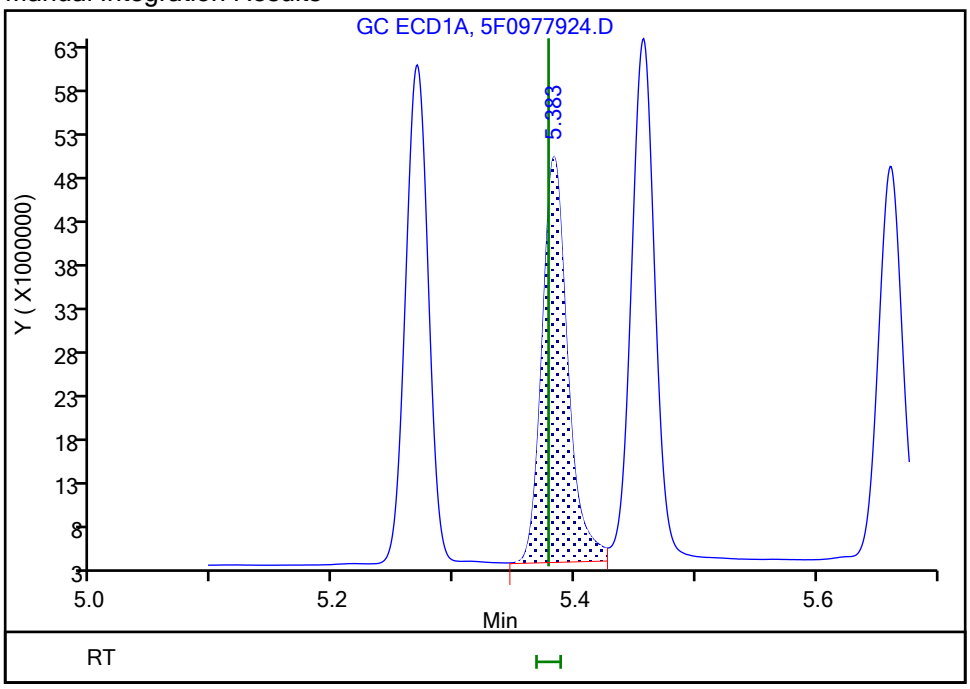
Processing Integration Results

RT: 5.38
Area: 65925943
Amount: 147.2662
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 67892926
Amount: 151.6600
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:02 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

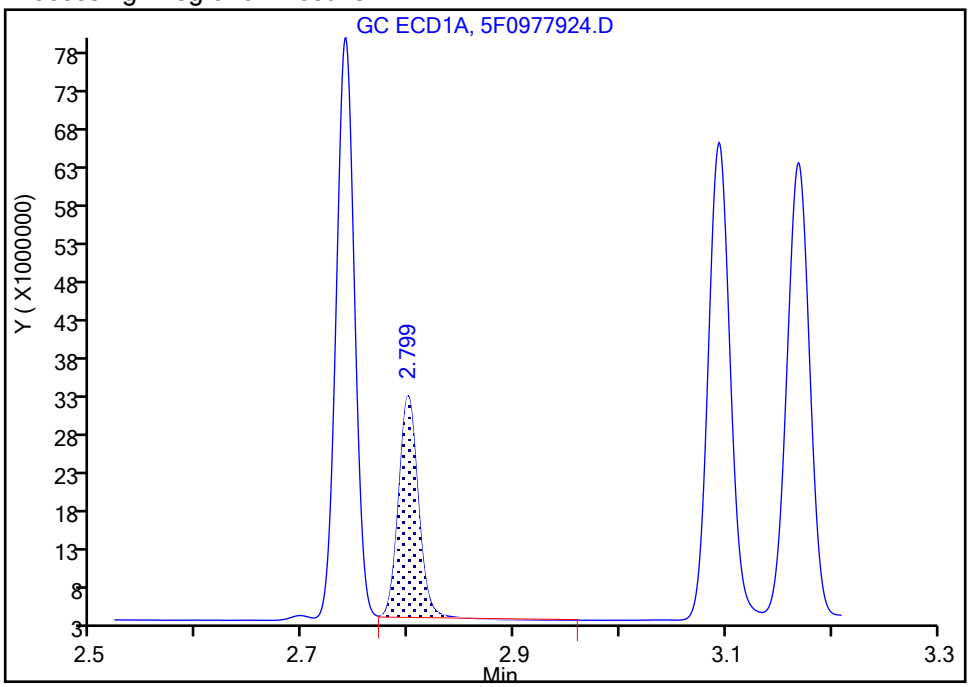
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D | | | | |
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCSD 460-1019984/3-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

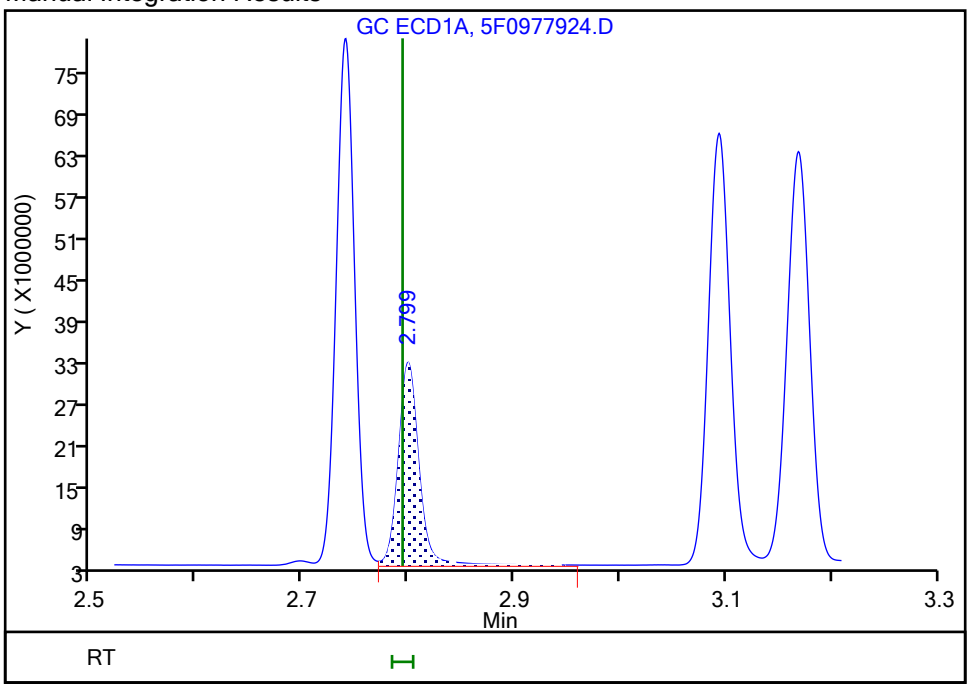
Processing Integration Results

RT: 2.80
Area: 37593222
Amount: 168.7012
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 39555991
Amount: 177.5092
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:55 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

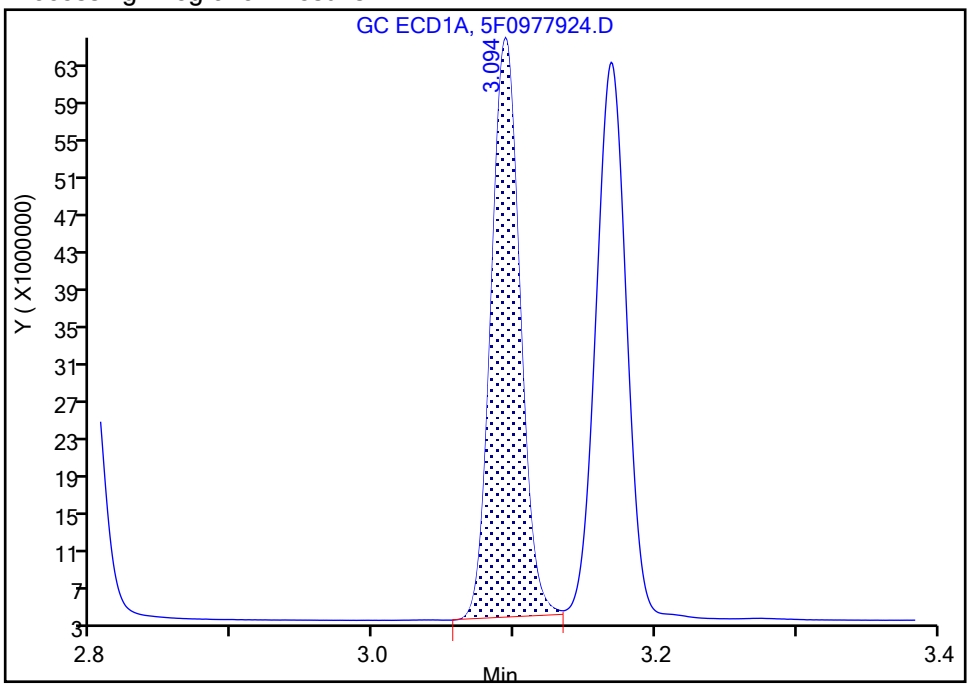
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D | | | | |
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCSD 460-1019984/3-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD1A | | |

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

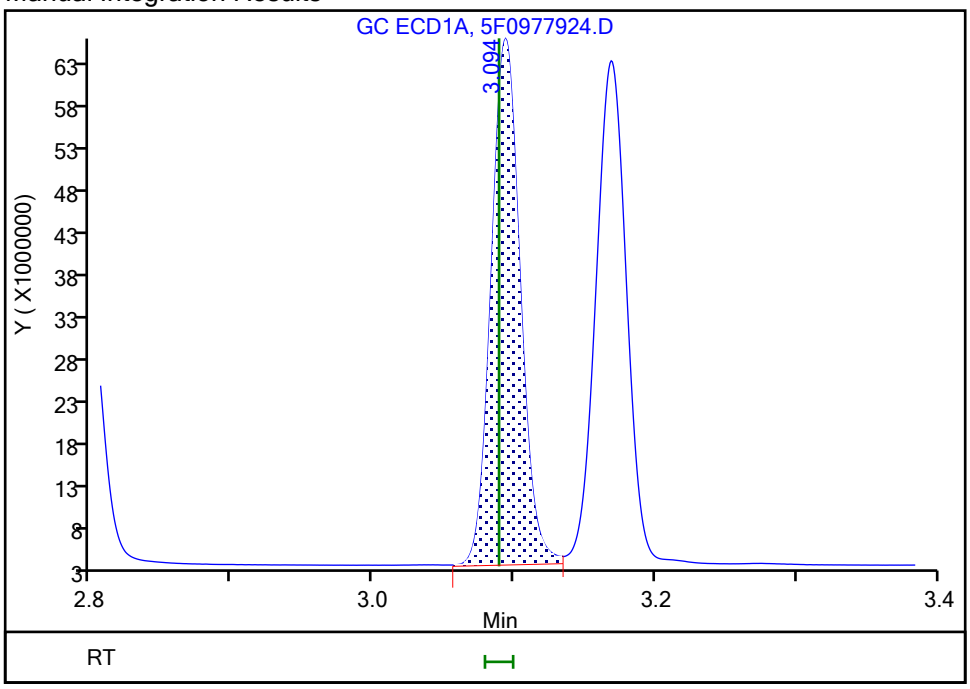
Processing Integration Results

RT: 3.09
Area: 88641635
Amount: 166.7073
Amount Units: ug/l




Manual Integration Results

RT: 3.09
Area: 89853652
Amount: 168.9867
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:55 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

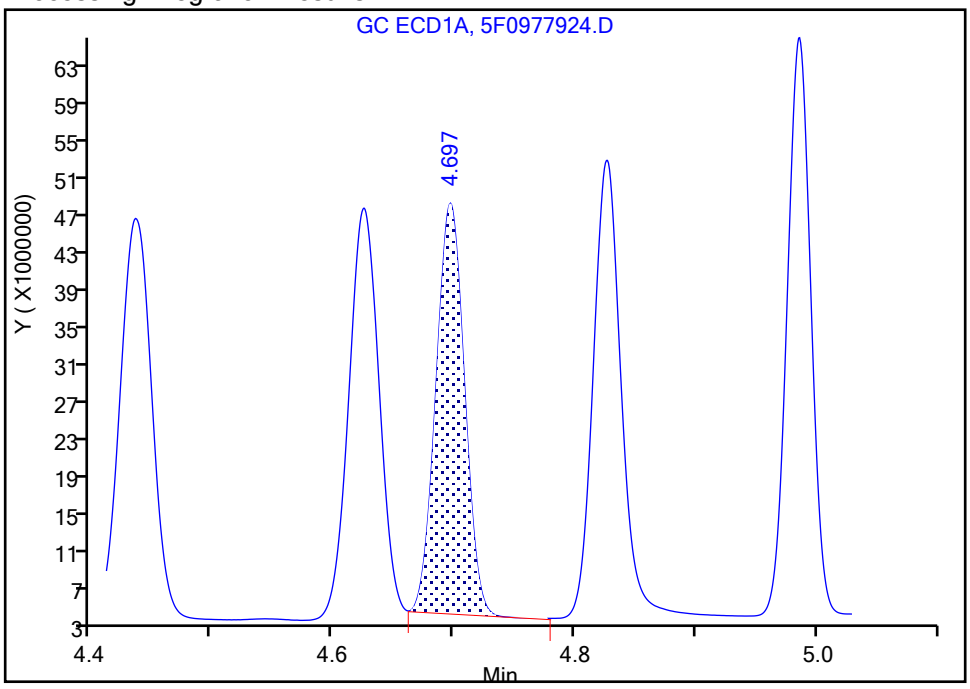
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

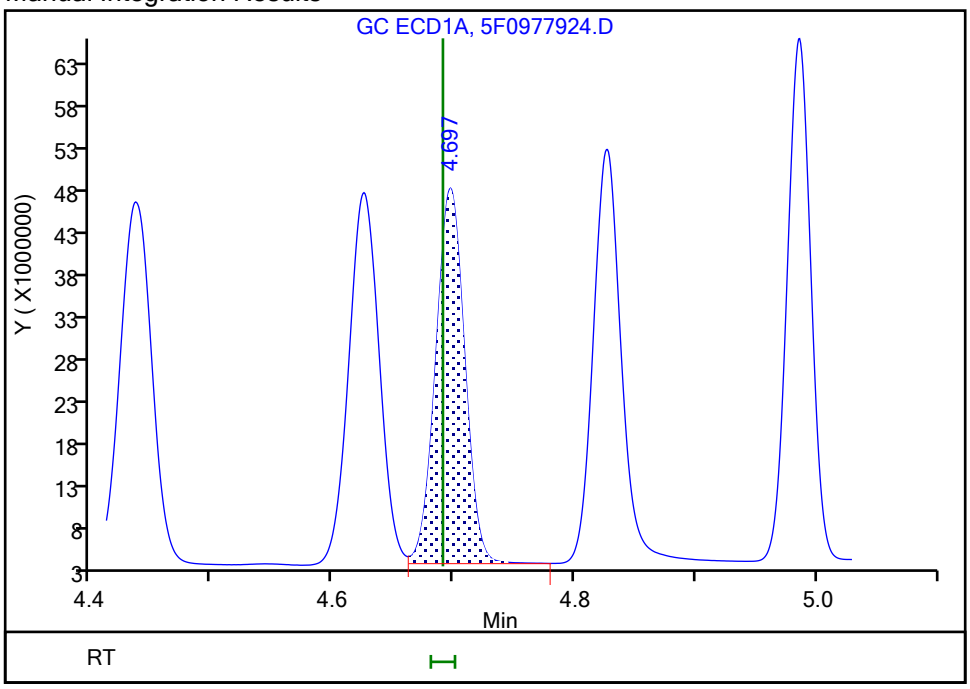
Processing Integration Results

RT: 4.70
Area: 72345374
Amount: 171.1278
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 74787639
Amount: 176.9048
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:59 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

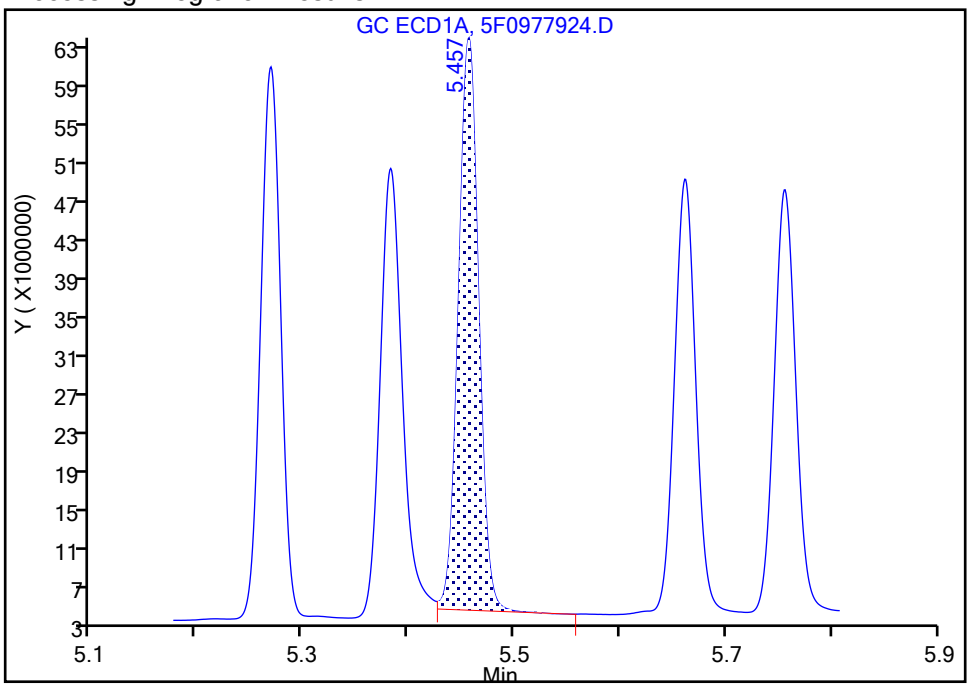
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

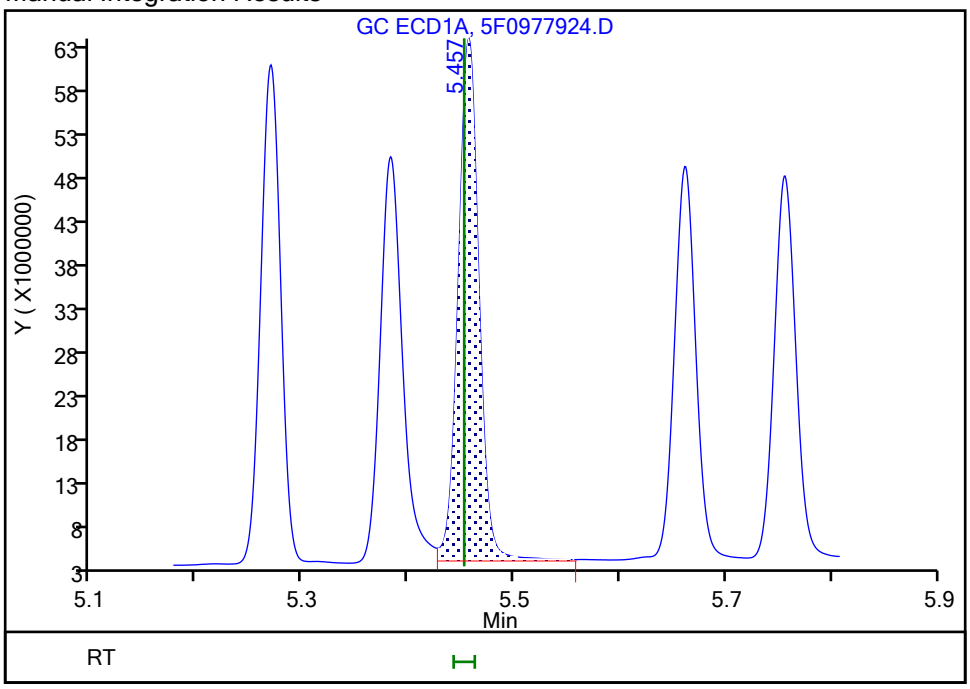
Processing Integration Results

RT: 5.46
Area: 78061435
Amount: 168.8046
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 81299188
Amount: 175.8061
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:02 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

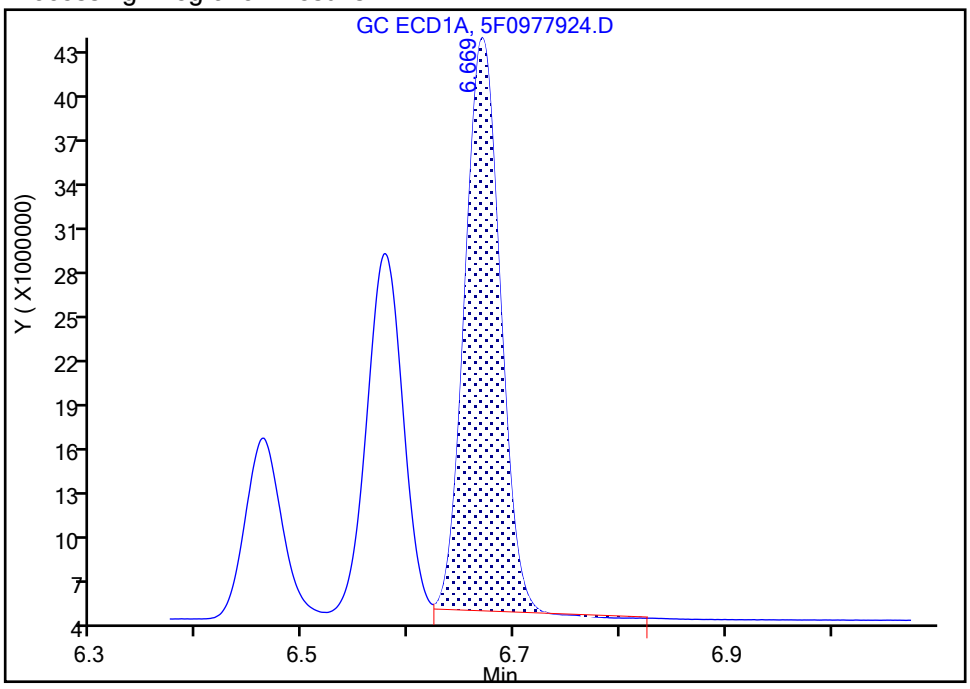
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

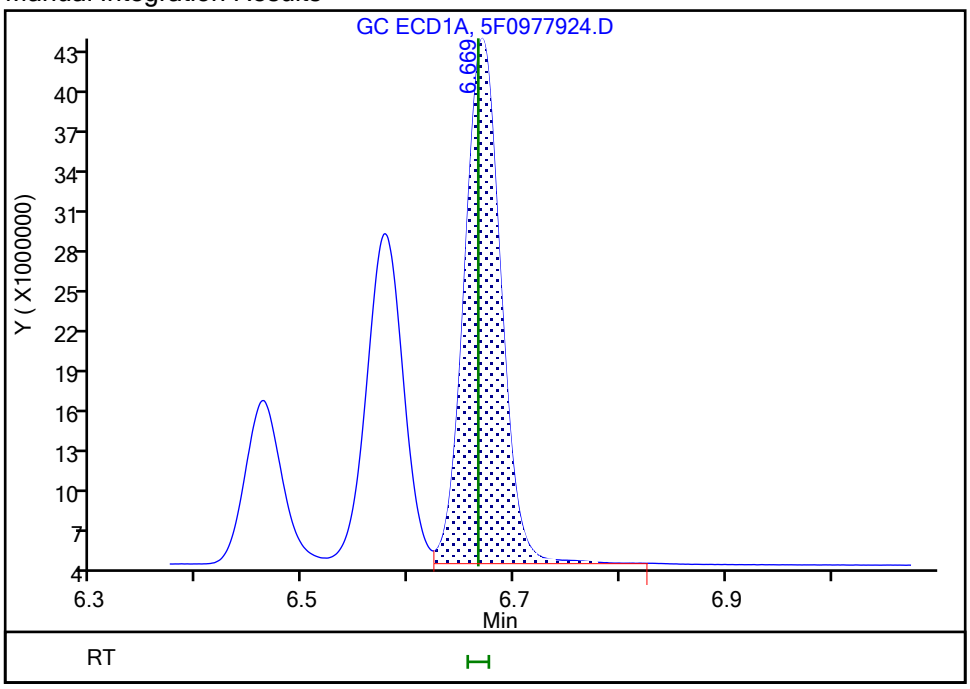
Processing Integration Results

RT: 6.67
Area: 90733429
Amount: 167.5078
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 94875776
Amount: 175.1552
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

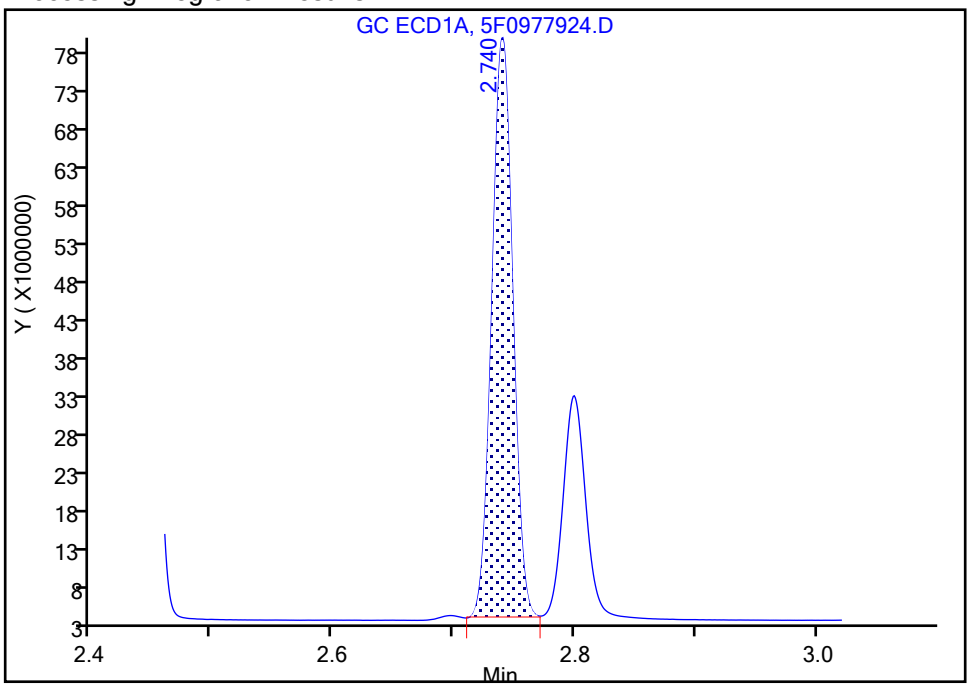
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

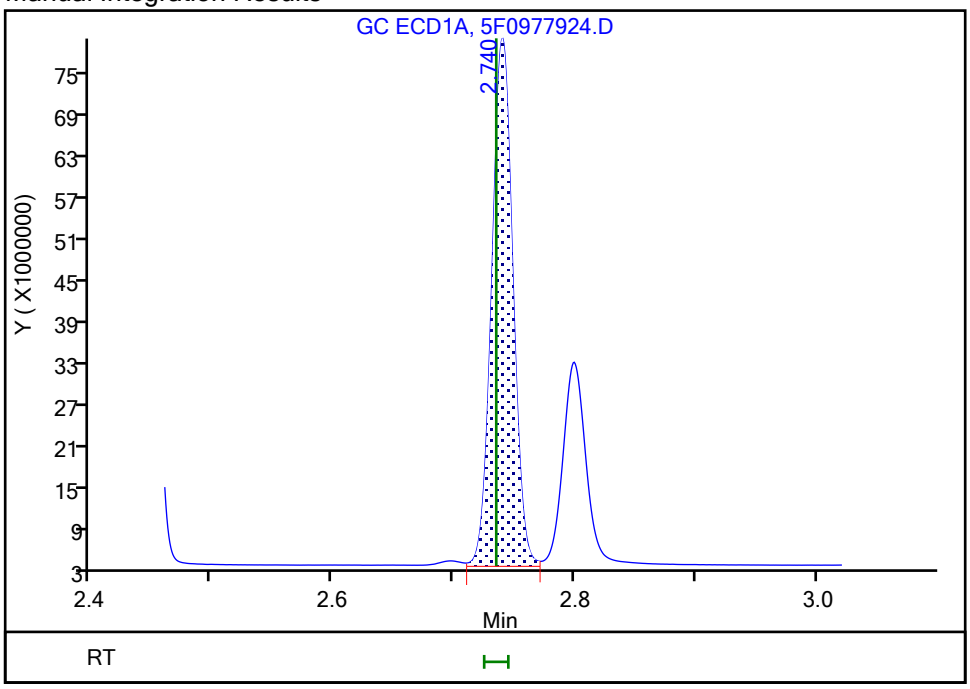
Processing Integration Results

RT: 2.74
Area: 90950609
Amount: 174.7427
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 92322521
Amount: 177.3785
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

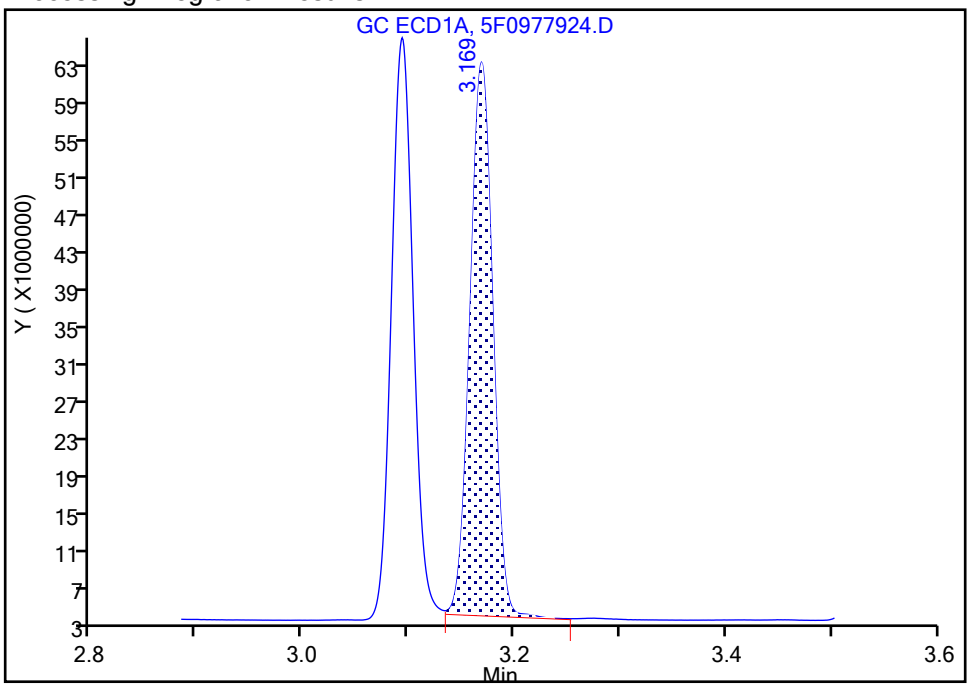
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

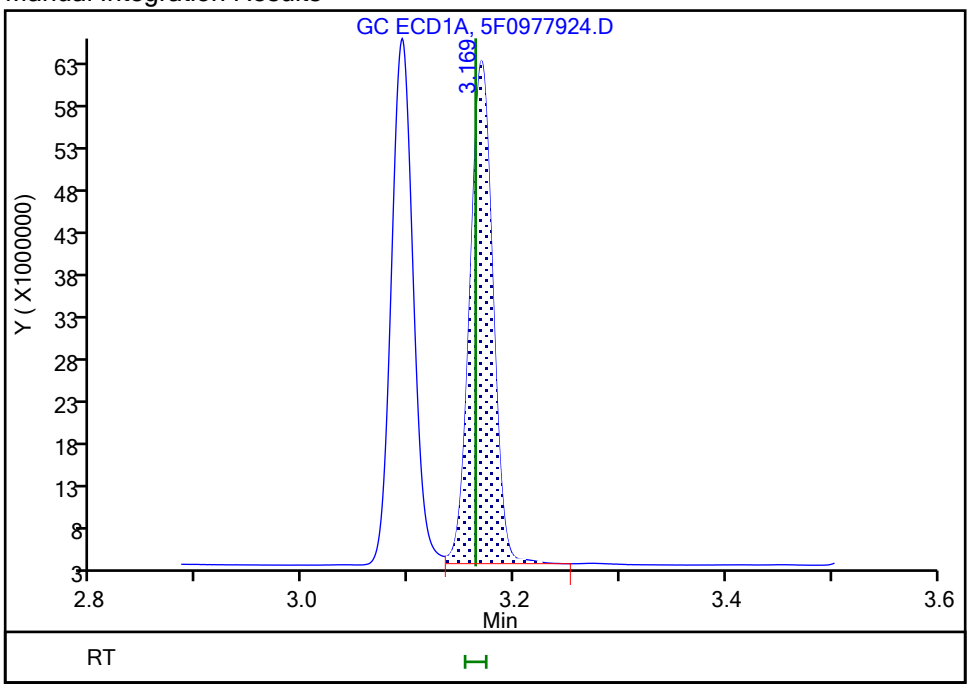
Processing Integration Results

RT: 3.17
Area: 89058824
Amount: 169.9709
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 91281944
Amount: 174.2138
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:55 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

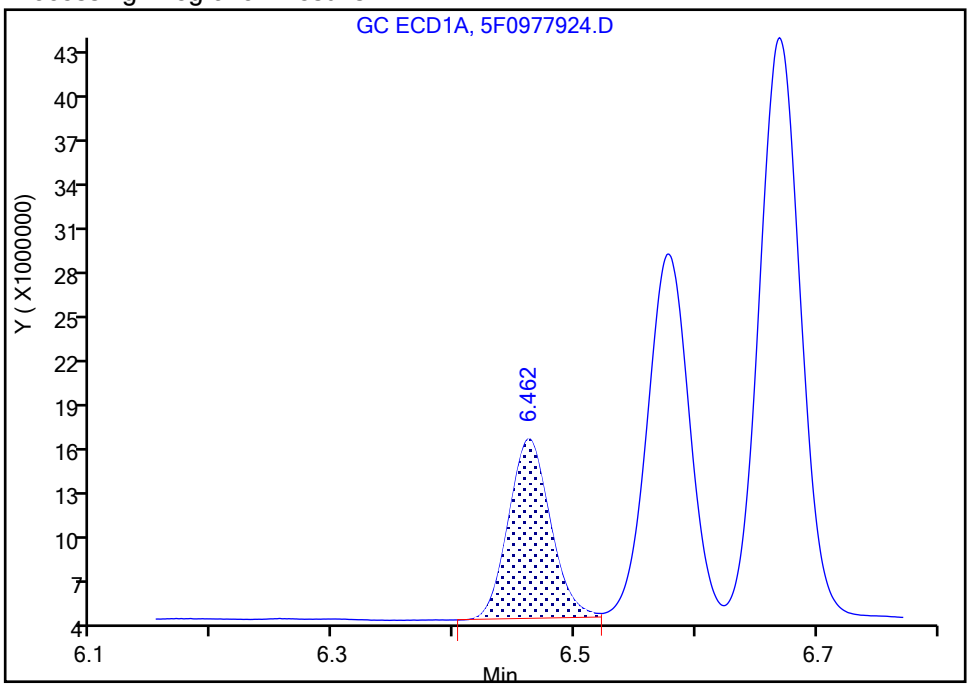
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 10 Methoxychlor, CAS: 72-43-5

Signal: 1

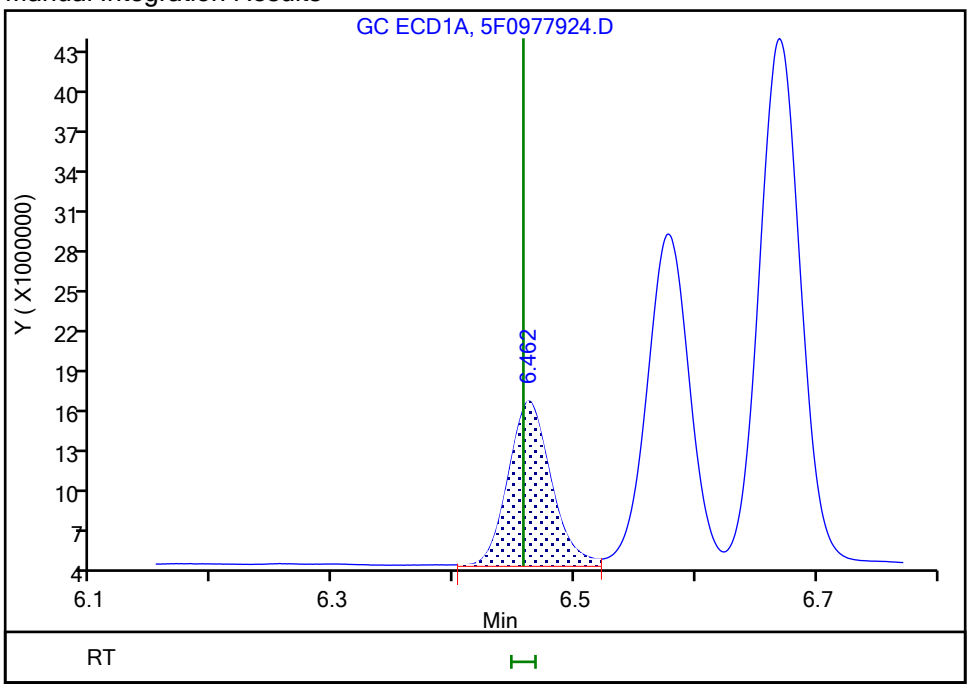
Processing Integration Results

RT: 6.46
Area: 29125625
Amount: 166.7244
Amount Units: ug/l




Manual Integration Results

RT: 6.46
Area: 29980257
Amount: 171.6165
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:04 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1019984/3-A

Matrix: Solid | Lab File ID: 5F0977924.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 03:36

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.116 | | 0.0067 | 0.0011 |
| 72-55-9 | 4,4'-DDE | 0.120 | | 0.0067 | 0.00079 |
| 50-29-3 | 4,4'-DDT | 0.119 | | 0.0067 | 0.0012 |
| 309-00-2 | Aldrin | 0.111 | | 0.0067 | 0.0010 |
| 319-84-6 | alpha-BHC | 0.117 | | 0.0020 | 0.00068 |
| 319-85-7 | beta-BHC | 0.112 | | 0.0020 | 0.00075 |
| 319-86-8 | delta-BHC | 0.114 | | 0.0020 | 0.00041 |
| 60-57-1 | Dieldrin | 0.117 | | 0.0020 | 0.00087 |
| 959-98-8 | Endosulfan I | 0.123 | | 0.0067 | 0.0010 |
| 33213-65-9 | Endosulfan II | 0.123 | | 0.0067 | 0.0017 |
| 1031-07-8 | Endosulfan sulfate | 0.109 | | 0.0067 | 0.00084 |
| 72-20-8 | Endrin | 0.112 | | 0.0067 | 0.00096 |
| 7421-93-4 | Endrin aldehyde | 0.115 | | 0.0067 | 0.0016 |
| 53494-70-5 | Endrin ketone | 0.115 | | 0.0067 | 0.0013 |
| 58-89-9 | gamma-BHC (Lindane) | 0.115 | | 0.0020 | 0.00062 |
| 76-44-8 | Heptachlor | 0.114 | | 0.0067 | 0.00079 |
| 1024-57-3 | Heptachlor epoxide | 0.113 | | 0.0067 | 0.0010 |
| 72-43-5 | Methoxychlor | 0.118 | | 0.0067 | 0.0015 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 81 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 73 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Lims ID: LCSD 460-1019984/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 03:36:36 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-007
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:19:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.510 | 0.002 | 33274246 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.612 | 0.002 | 63874187 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.019 | 2.016 | 0.003 | 12355703 | 50.0 | 34.7 | |
| 2 | 2.001 | 1.996 | 0.005 | 28173157 | 50.0 | 36.3 | |
| | | | | | | RPD = 4.58 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.445 | 2.441 | 0.004 | 102378496 | 200.0 | 181.8 | |
| 2 | 2.335 | 2.331 | 0.004 | 204271838 | 200.0 | 175.7 | |
| | | | | | | RPD = 3.37 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.740 | 2.735 | 0.005 | 92322521 | 200.0 | 177.4 | M |
| 2 | 2.551 | 2.546 | 0.005 | 184606082 | 200.0 | 172.1 | M |
| | | | | | | RPD = 3.03 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.799 | 2.794 | 0.005 | 39555991 | 200.0 | 177.5 | M |
| 2 | 2.604 | 2.599 | 0.005 | 79520344 | 200.0 | 168.7 | M |
| | | | | | | RPD = 5.11 | |
| 32 delta-BHC | | | | | | | M |
| 1 | 3.094 | 3.089 | 0.005 | 89853652 | 200.0 | 169.0 | M |
| 2 | 2.744 | 2.739 | 0.005 | 185574985 | 200.0 | 171.4 | |
| | | | | | | RPD = 1.44 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.169 | 3.163 | 0.006 | 91281944 | 200.0 | 174.2 | M |
| 2 | 2.924 | 2.919 | 0.005 | 194194652 | 200.0 | 171.4 | |
| | | | | | | RPD = 1.63 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 Aldrin | | | | | | | |
| 1 | 3.539 | 3.533 | 0.006 | 85367804 | 200.0 | 166.0 | |
| 2 | 3.193 | 3.186 | 0.007 | 187556335 | 200.0 | 167.0 | |
| | | | | | | RPD = 0.61 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.208 | 4.201 | 0.007 | 76453107 | 200.0 | 170.6 | |
| 2 | 3.810 | 3.804 | 0.006 | 172110462 | 200.0 | 169.7 | |
| | | | | | | RPD = 0.54 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.436 | 4.429 | 0.007 | 79598936 | 200.0 | 173.5 | |
| 2 | 3.943 | 3.936 | 0.007 | 180043097 | 200.0 | 174.3 | |
| | | | | | | RPD = 0.44 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.625 | 4.619 | 0.006 | 77605512 | 200.0 | 176.6 | M |
| 2 | 4.081 | 4.074 | 0.007 | 173698195 | 200.0 | 177.6 | M |
| | | | | | | RPD = 0.59 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.697 | 4.691 | 0.006 | 74787639 | 200.0 | 176.9 | M |
| 2 | 4.228 | 4.221 | 0.007 | 167742397 | 200.0 | 184.0 | M |
| | | | | | | RPD = 3.94 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.827 | 4.821 | 0.006 | 79576513 | 200.0 | 173.8 | |
| 2 | 4.163 | 4.156 | 0.007 | 172464815 | 200.0 | 180.2 | M |
| | | | | | | RPD = 3.62 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.981 | 0.005 | 84803589 | 200.0 | 172.8 | |
| 2 | 4.500 | 4.492 | 0.008 | 180648966 | 200.0 | 175.2 | |
| | | | | | | RPD = 1.38 | |
| 20 Endrin | | | | | | | |
| 1 | 5.269 | 5.265 | 0.004 | 74245047 | 200.0 | 162.9 | |
| 2 | 4.763 | 4.756 | 0.007 | 159145943 | 200.0 | 168.7 | |
| | | | | | | RPD = 3.46 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.383 | 5.378 | 0.005 | 67892926 | 200.0 | 151.7 | M |
| 2 | 4.839 | 4.833 | 0.006 | 140313727 | 200.0 | 174.7 | |
| | | | | | | RPD = 14.14 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.452 | 0.005 | 81299188 | 200.0 | 175.8 | M |
| 2 | 4.975 | 4.970 | 0.005 | 148152127 | 200.0 | 185.0 | |
| | | | | | | RPD = 5.11 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.661 | 5.657 | 0.004 | 62659552 | 200.0 | 173.1 | |
| 2 | 5.100 | 5.095 | 0.005 | 144389765 | 200.0 | 177.8 | |
| | | | | | | RPD = 2.71 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.756 | 5.751 | 0.005 | 61857591 | 200.0 | 166.8 | |
| 2 | 5.335 | 5.331 | 0.004 | 117679023 | 200.0 | 172.1 | |
| | | | | | | RPD = 3.14 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 79688405 | 200.0 | 167.4 | |
| 2 | 5.693 | 5.689 | 0.004 | 143623150 | 200.0 | 163.4 | |
| | | | | | | RPD = 2.44 | |
| 10 Methoxychlor | | | | | | | M |
| 1 | 6.462 | 6.457 | 0.005 | 29980257 | 200.0 | 171.6 | M |
| 2 | 5.529 | 5.526 | 0.003 | 75579322 | 200.0 | 177.3 | M |
| | | | | | | RPD = 3.26 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.577 | 6.574 | 0.003 | 60280816 | 200.0 | 159.3 | M |
| 2 | 5.597 | 5.593 | 0.004 | 110019110 | 200.0 | 159.9 | M |
| | | | | | | RPD = 0.42 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.669 | 6.666 | 0.003 | 94875776 | 200.0 | 175.2 | M |
| 2 | 5.919 | 5.916 | 0.003 | 168009711 | 200.0 | 172.2 | |
| | | | | | | RPD = 1.71 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.092 | 8.090 | 0.002 | 20046534 | 50.0 | 37.0 | |
| 2 | 7.311 | 7.308 | 0.003 | 38119550 | 50.0 | 40.5 | |
| | | | | | | RPD = 9.04 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

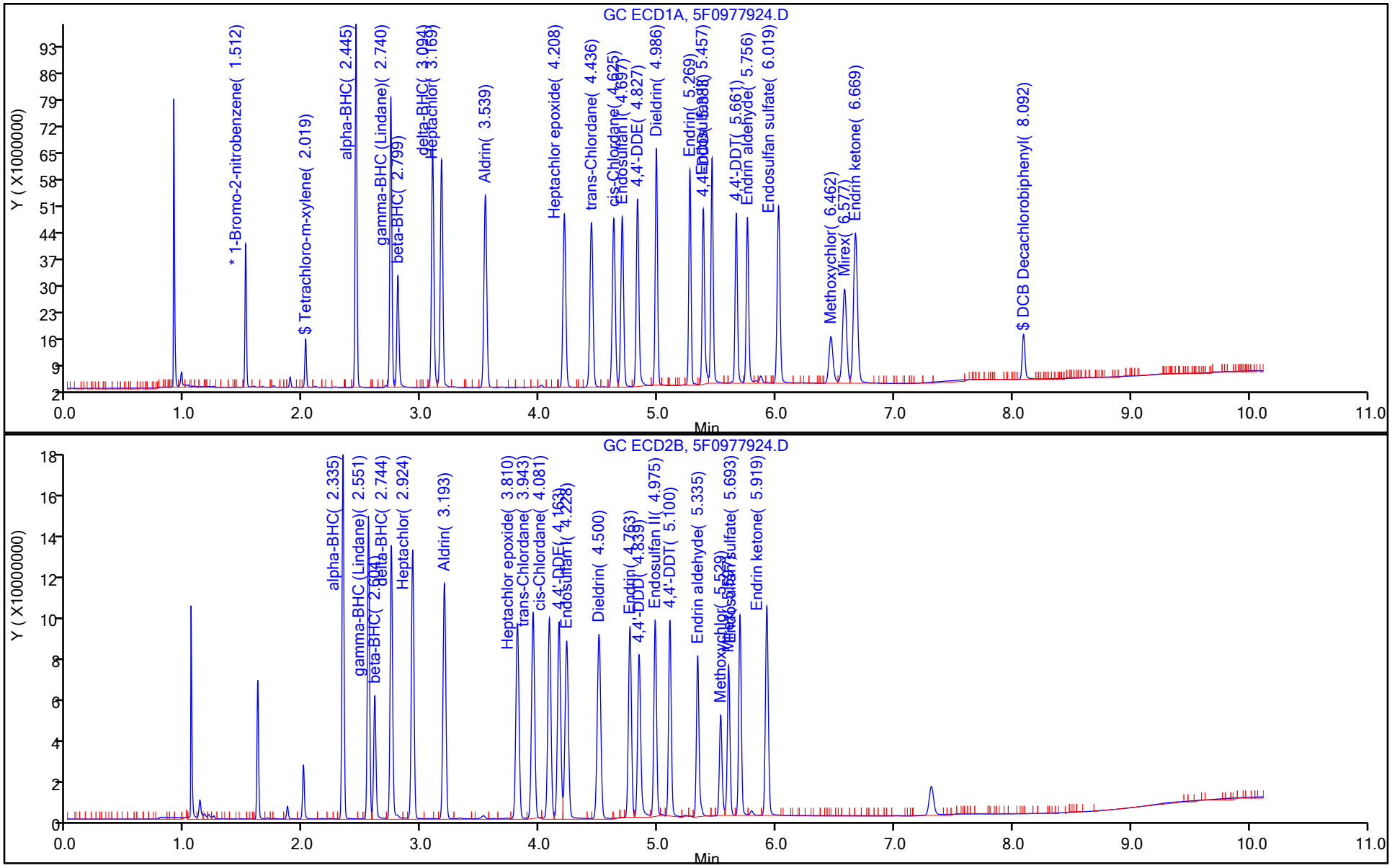
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:49 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | LCSD 460-1019984/3-A | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D | | | | |
| Lims ID: | LCSD 460-1019984/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 07-Feb-2025 03:36:36 | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186627-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC5 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 07-Feb-2025 07:47:44 | Calib Date: | 21-Jan-2025 13:29:20 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1717 | | | | |
| First Level Reviewer: | ESS0 | Date: | 07-Feb-2025 07:19:29 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 34.7 | 69.44 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 37.0 | 74.04 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.70 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 40.5 | 81.05 |

Manual Integration/User Assign Peak Report

Eurofins Edison

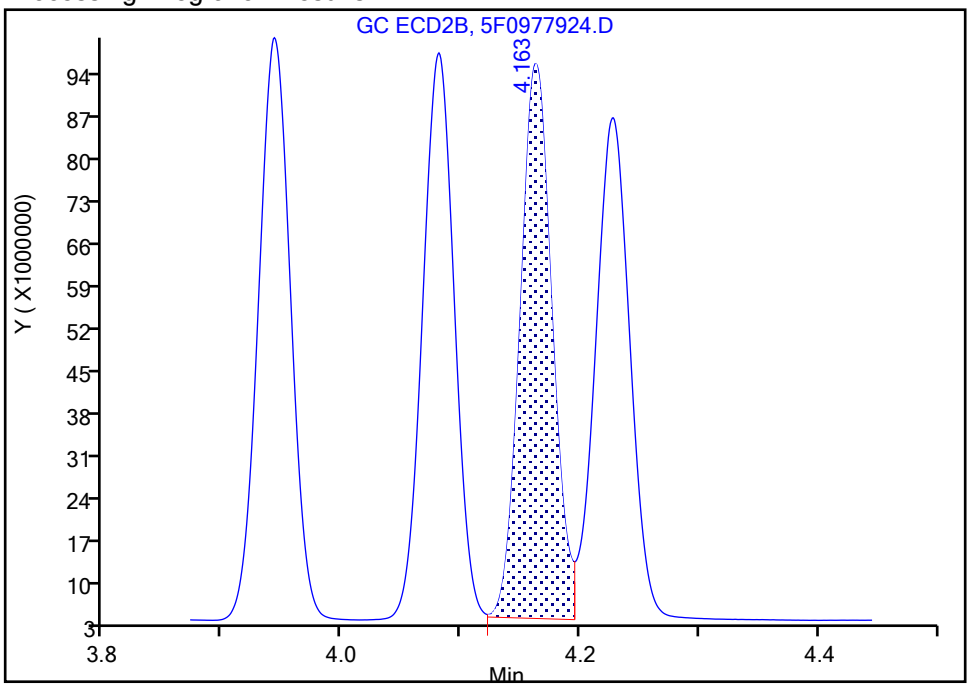
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

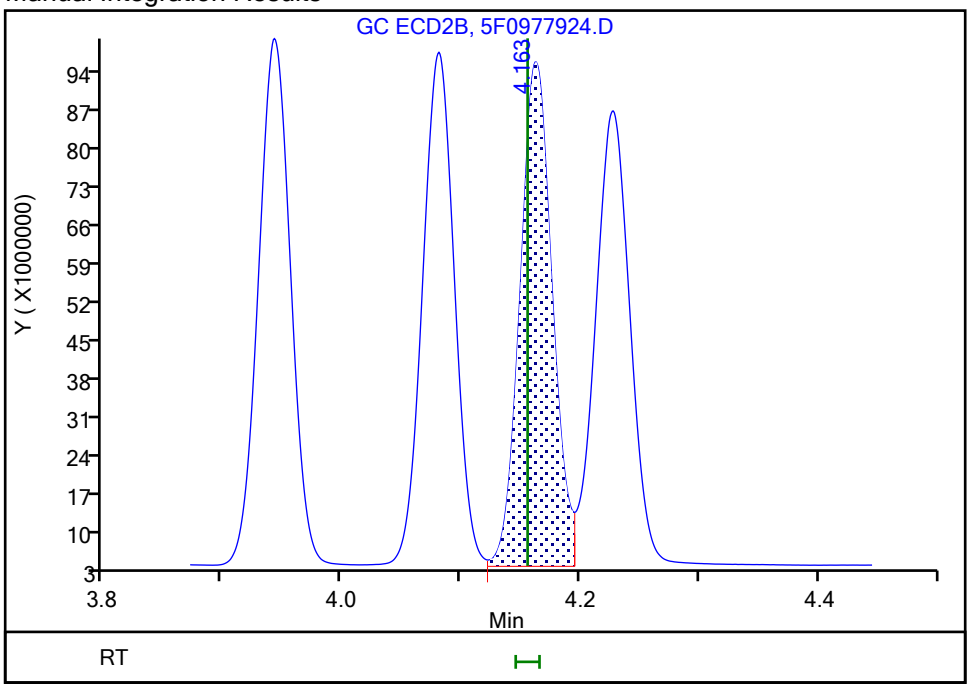
Processing Integration Results

RT: 4.16
Area: 171078720
Amount: 178.8002
Amount Units: ug/l




Manual Integration Results

RT: 4.16
Area: 172464815
Amount: 180.2489
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

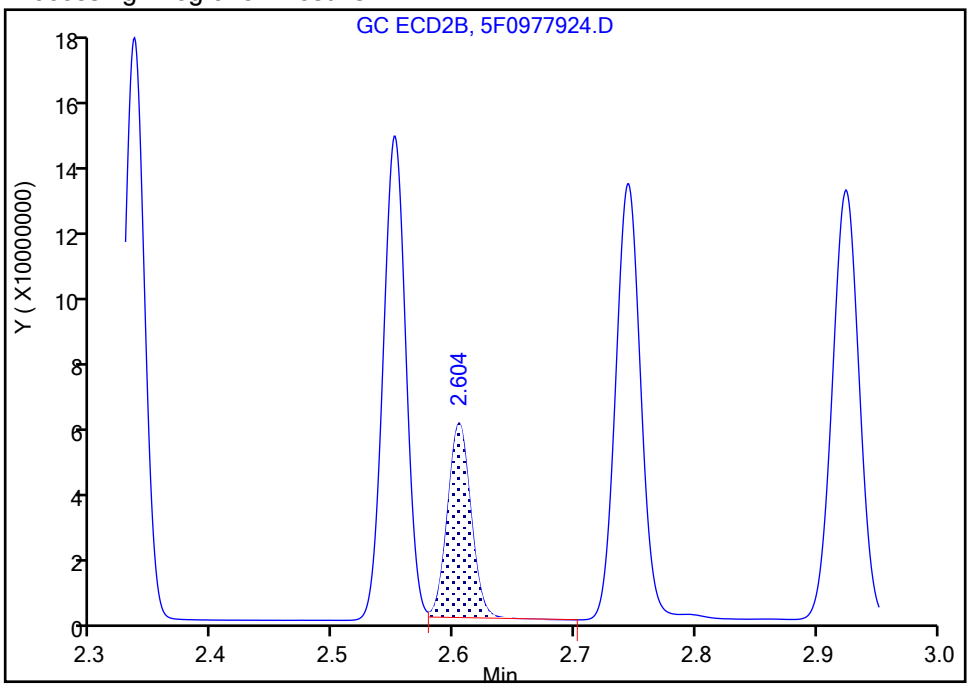
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D | | | | |
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCSD 460-1019984/3-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

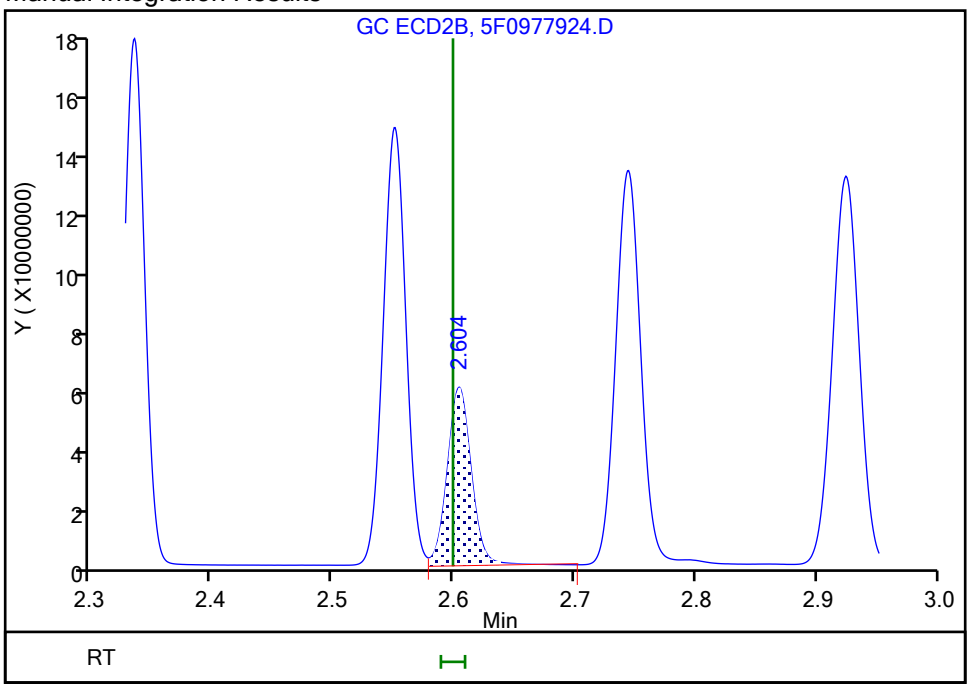
Processing Integration Results

RT: 2.60
Area: 77097533
Amount: 163.5225
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 79520344
Amount: 168.6612
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:11 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

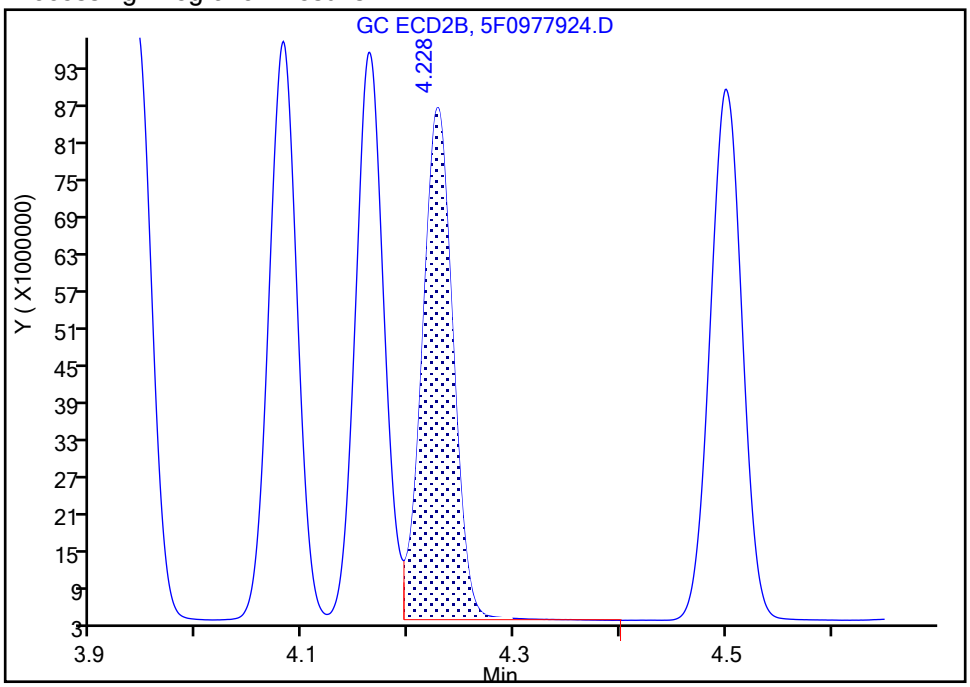
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

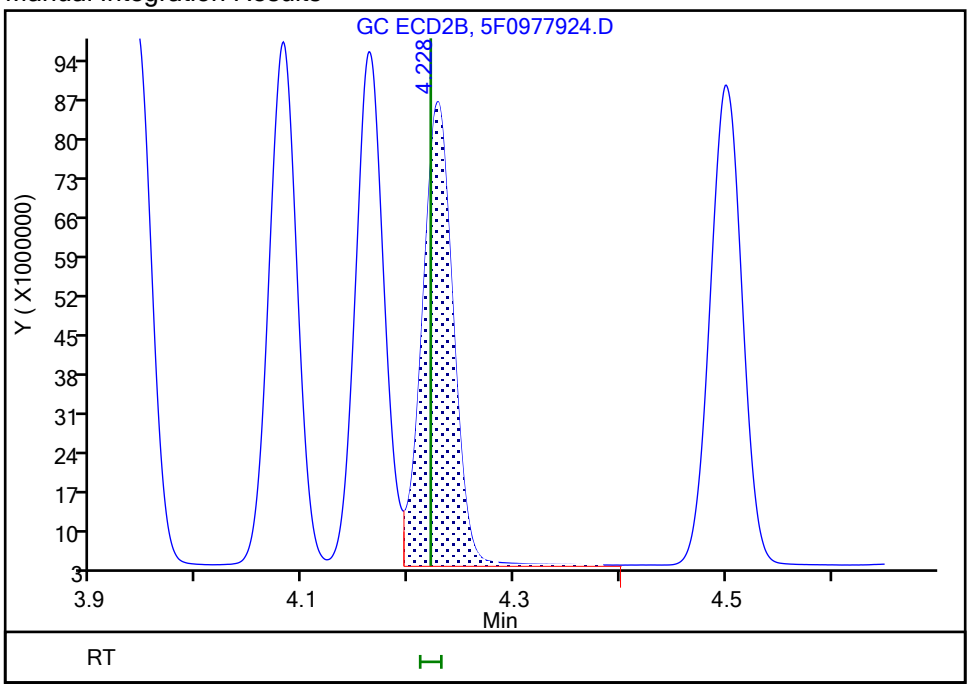
Processing Integration Results

RT: 4.23
Area: 165751126
Amount: 181.8267
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 167742397
Amount: 184.0111
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:17 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

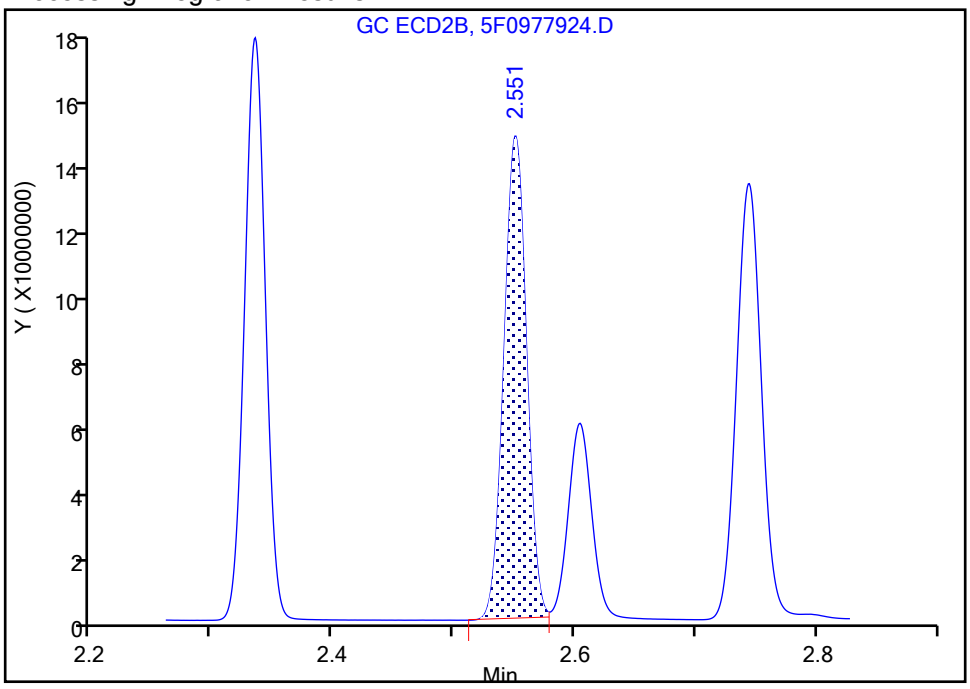
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D | | | | |
| Injection Date: | 07-Feb-2025 03:36:36 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | LCSD 460-1019984/3-A | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

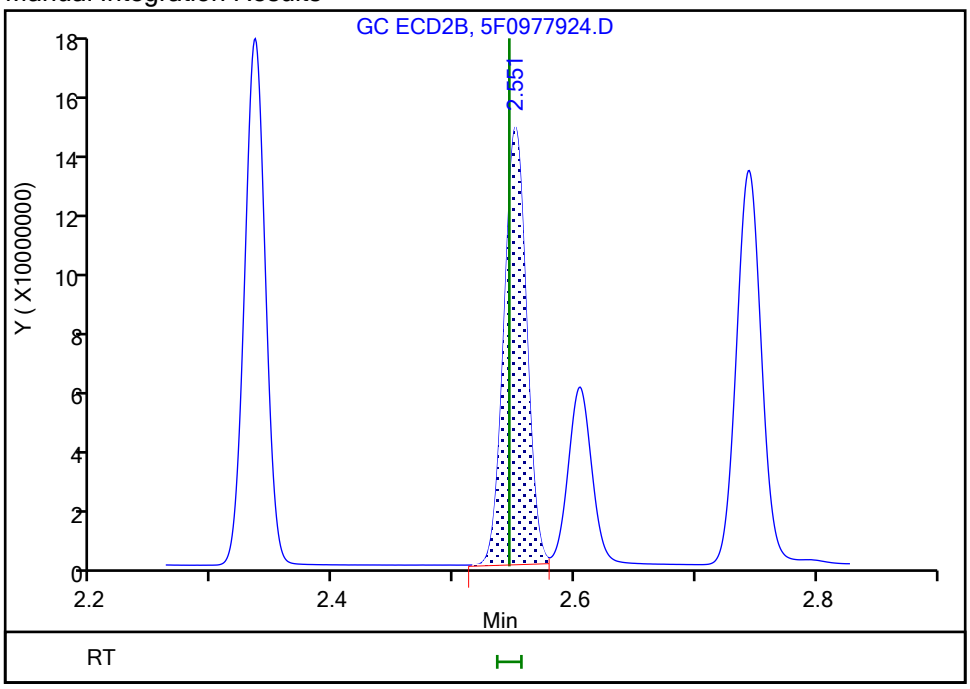
Processing Integration Results

RT: 2.55
Area: 183294362
Amount: 170.8559
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 184606082
Amount: 172.0786
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:11 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

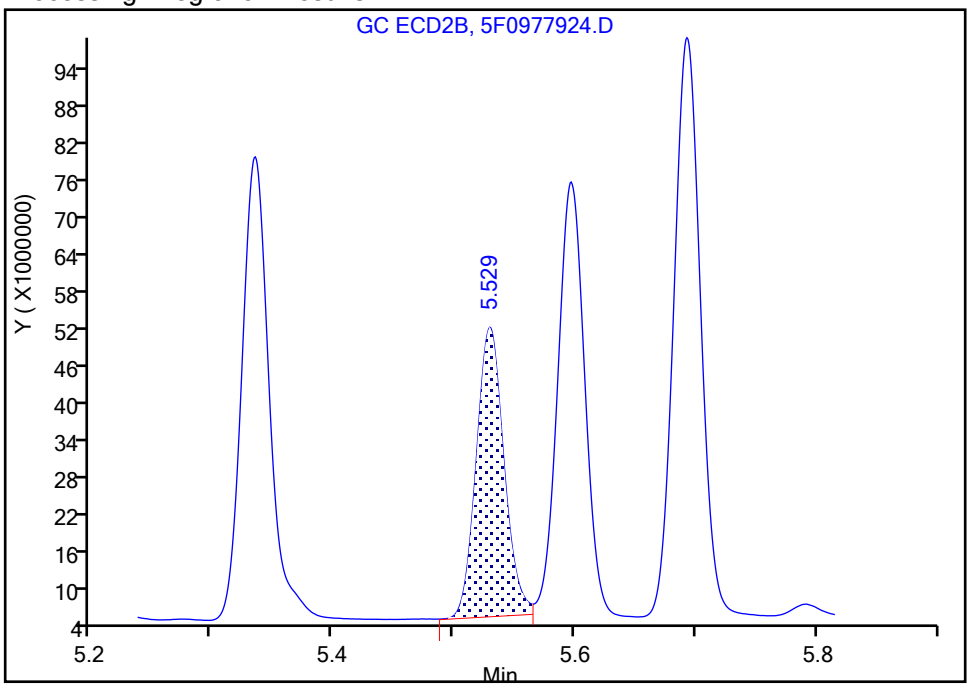
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977924.D
Injection Date: 07-Feb-2025 03:36:36 Instrument ID: CPESTGC5
Lims ID: LCSD 460-1019984/3-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 10 Methoxychlor, CAS: 72-43-5

Signal: 2

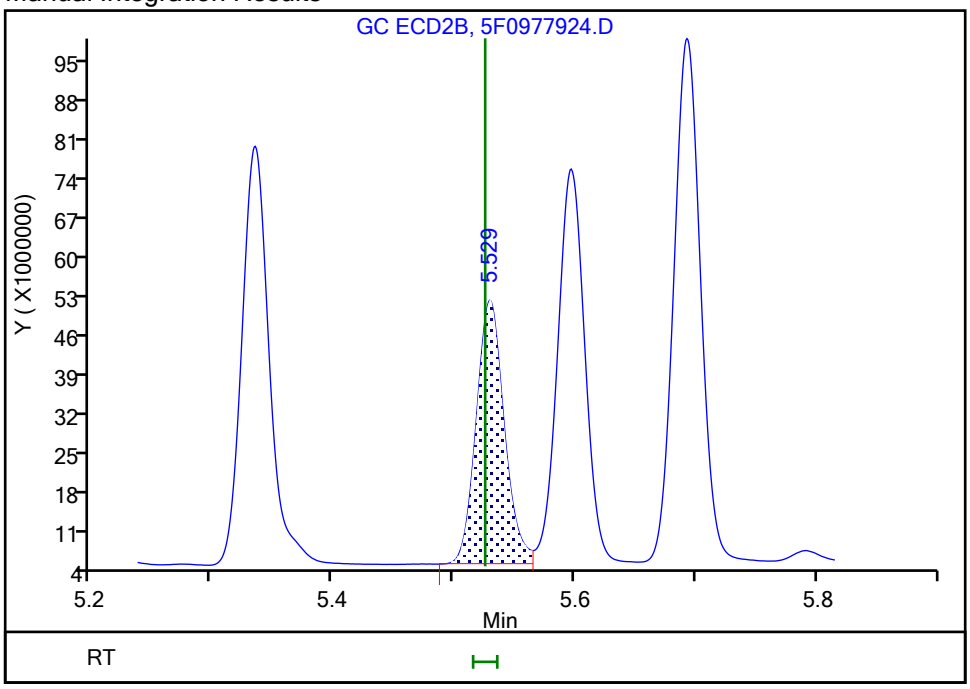
Processing Integration Results

RT: 5.53
Area: 73831013
Amount: 173.1955
Amount Units: ug/l




Manual Integration Results

RT: 5.53
Area: 75579322
Amount: 177.2967
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:19:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020298/3-A

Matrix: Water | Lab File ID: 4F001971.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.890* | | *0.020* | *0.0060* |
| *72-55-9* | *4,4'-DDE* | *0.950* | | *0.020* | *0.0020* |
| *50-29-3* | *4,4'-DDT* | *0.827* | | *0.020* | *0.0040* |
| *309-00-2* | *Aldrin* | *0.933* | | *0.020* | *0.0030* |
| *319-84-6* | *alpha-BHC* | *0.947* | | *0.020* | *0.0070* |
| *319-85-7* | *beta-BHC* | *0.932* | | *0.020* | *0.015* |
| *319-86-8* | *delta-BHC* | *0.856* | | *0.020* | *0.0050* |
| *60-57-1* | *Dieldrin* | *0.947* | | *0.020* | *0.0030* |
| *959-98-8* | *Endosulfan I* | *0.966* | | *0.020* | *0.0020* |
| *33213-65-9* | *Endosulfan II* | *1.03* | | *0.020* | *0.0040* |
| *1031-07-8* | *Endosulfan sulfate* | *0.869* | | *0.020* | *0.0060* |
| *72-20-8* | *Endrin* | *0.832* | | *0.020* | *0.0040* |
| *7421-93-4* | *Endrin aldehyde* | *0.956* | | *0.020* | *0.0080* |
| *53494-70-5* | *Endrin ketone* | *0.965* | | *0.020* | *0.0080* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.943* | | *0.020* | *0.012* |
| *76-44-8* | *Heptachlor* | *0.948* | | *0.020* | *0.0030* |
| *1024-57-3* | *Heptachlor epoxide* | *0.951* | | *0.020* | *0.0050* |
| *72-43-5* | *Methoxychlor* | *0.754* | | *0.020* | *0.0040* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 58 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 92 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D
Lims ID: LCSD 460-1020298/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Feb-2025 09:00:27 ALS Bottle#: 32 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-007
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.455 | 1.457 | -0.002 | 61131862 | 100.0 | 100.0 | |
| 2 | 1.418 | 1.419 | -0.001 | 137592690 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.956 | 1.954 | 0.002 | 62149392 | 100.0 | 92.3 | |
| 2 | 1.759 | 1.757 | 0.002 | 149372047 | 100.0 | 93.7 | |
| | | | | | | RPD = 1.55 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.370 | 2.367 | 0.003 | 233293172 | 200.0 | 236.7 | |
| 2 | 2.055 | 2.054 | 0.001 | 563867559 | 200.0 | 245.4 | |
| | | | | | | RPD = 3.58 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.655 | 2.652 | 0.003 | 212974523 | 200.0 | 235.9 | |
| 2 | 2.240 | 2.238 | 0.002 | 515549188 | 200.0 | 247.2 | |
| | | | | | | RPD = 4.68 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.712 | 2.709 | 0.003 | 92833448 | 200.0 | 232.9 | |
| 2 | 2.288 | 2.286 | 0.002 | 212177277 | 200.0 | 237.1 | |
| | | | | | | RPD = 1.78 | |
| 32 delta-BHC | | | | | | | |
| 1 | 2.996 | 2.993 | 0.003 | 195418214 | 200.0 | 214.0 | |
| 2 | 2.408 | 2.406 | 0.002 | 473726242 | 200.0 | 224.7 | |
| | | | | | | RPD = 4.91 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.069 | 3.065 | 0.004 | 225710388 | 200.0 | 236.9 | |
| 2 | 2.564 | 2.562 | 0.002 | 551952257 | 200.0 | 251.6 | |
| | | | | | | RPD = 6.02 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.426 | 3.423 | 0.003 | 221780964 | 200.0 | 233.2 | |
| 2 | 2.794 | 2.791 | 0.003 | 531114370 | 200.0 | 242.7 | |
| | | | | | | RPD = 3.99 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.102 | 4.099 | 0.003 | 197461110 | 200.0 | 237.6 | |
| 2 | 3.327 | 3.326 | 0.001 | 491800126 | 200.0 | 248.9 | |
| | | | | | | RPD = 4.62 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.321 | 4.318 | 0.003 | 206186233 | 200.0 | 243.2 | |
| 2 | 3.457 | 3.454 | 0.003 | 507462494 | 200.0 | 249.3 | |
| | | | | | | RPD = 2.48 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.510 | 4.505 | 0.005 | 197992665 | 200.0 | 243.4 | |
| 2 | 3.600 | 3.599 | 0.001 | 486242437 | 200.0 | 247.7 | |
| | | | | | | RPD = 1.73 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.586 | 4.582 | 0.004 | 186938555 | 200.0 | 241.5 | |
| 2 | 3.751 | 3.749 | 0.002 | 465075436 | 200.0 | 248.8 | |
| | | | | | | RPD = 2.98 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.730 | 4.727 | 0.003 | 199297628 | 200.0 | 237.4 | |
| 2 | 3.699 | 3.696 | 0.003 | 496349320 | 200.0 | 240.3 | |
| | | | | | | RPD = 1.24 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.903 | 4.899 | 0.004 | 205786179 | 200.0 | 236.8 | |
| 2 | 4.002 | 4.001 | 0.001 | 513184716 | 200.0 | 244.3 | |
| | | | | | | RPD = 3.13 | |
| 20 Endrin | | | | | | | |
| 1 | 5.207 | 5.204 | 0.003 | 165067584 | 200.0 | 208.0 | |
| 2 | 4.244 | 4.243 | 0.001 | 449736692 | 200.0 | 236.1 | |
| | | | | | | RPD = 12.65 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.328 | 5.326 | 0.002 | 165412859 | 200.0 | 222.5 | |
| 2 | 4.345 | 4.344 | 0.001 | 401576632 | 200.0 | 232.9 | |
| | | | | | | RPD = 4.55 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.408 | 5.405 | 0.003 | 185859110 | 200.0 | 256.4 | |
| 2 | 4.503 | 4.500 | 0.003 | 418716035 | 200.0 | 252.9 | |
| | | | | | | RPD = 1.37 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.649 | 5.646 | 0.003 | 155862529 | 200.0 | 206.7 | |
| 2 | 4.683 | 4.681 | 0.002 | 414770249 | 200.0 | 238.3 | |
| | | | | | | RPD = 14.19 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.771 | 5.769 | 0.002 | 137932406 | 200.0 | 239.1 | |
| 2 | 4.959 | 4.957 | 0.002 | 333955611 | 200.0 | 237.9 | |
| | | | | | | RPD = 0.51 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.117 | 6.114 | 0.003 | 169484464 | 200.0 | 217.3 | |
| 2 | 5.353 | 5.352 | 0.001 | 418711784 | 200.0 | 223.2 | |
| | | | | | | RPD = 2.70 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 10 Methoxychlor | | | | | | | |
| 1 | 6.696 | 6.691 | 0.005 | 80232428 | 200.0 | 188.5 | |
| 2 | 5.191 | 5.190 | 0.001 | 220833093 | 200.0 | 230.7 | |
| | | | | | | RPD = 20.16 | |
| 34 Mirex | | | | | | | |
| 1 | 6.845 | 6.843 | 0.002 | 138554002 | 200.0 | 217.8 | |
| 2 | 5.252 | 5.250 | 0.002 | 308286470 | 200.0 | 219.1 | |
| | | | | | | RPD = 0.60 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.955 | 6.949 | 0.006 | 216496813 | 200.0 | 241.2 | |
| 2 | 5.598 | 5.596 | 0.002 | 486517699 | 200.0 | 231.9 | |
| | | | | | | RPD = 3.94 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.205 | 8.202 | 0.003 | 40695732 | 100.0 | 57.8 | |
| 2 | 7.095 | 7.093 | 0.002 | 111826164 | 100.0 | 56.6 | |
| | | | | | | RPD = 1.95 | |

## Reagents:

SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 14:26:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D

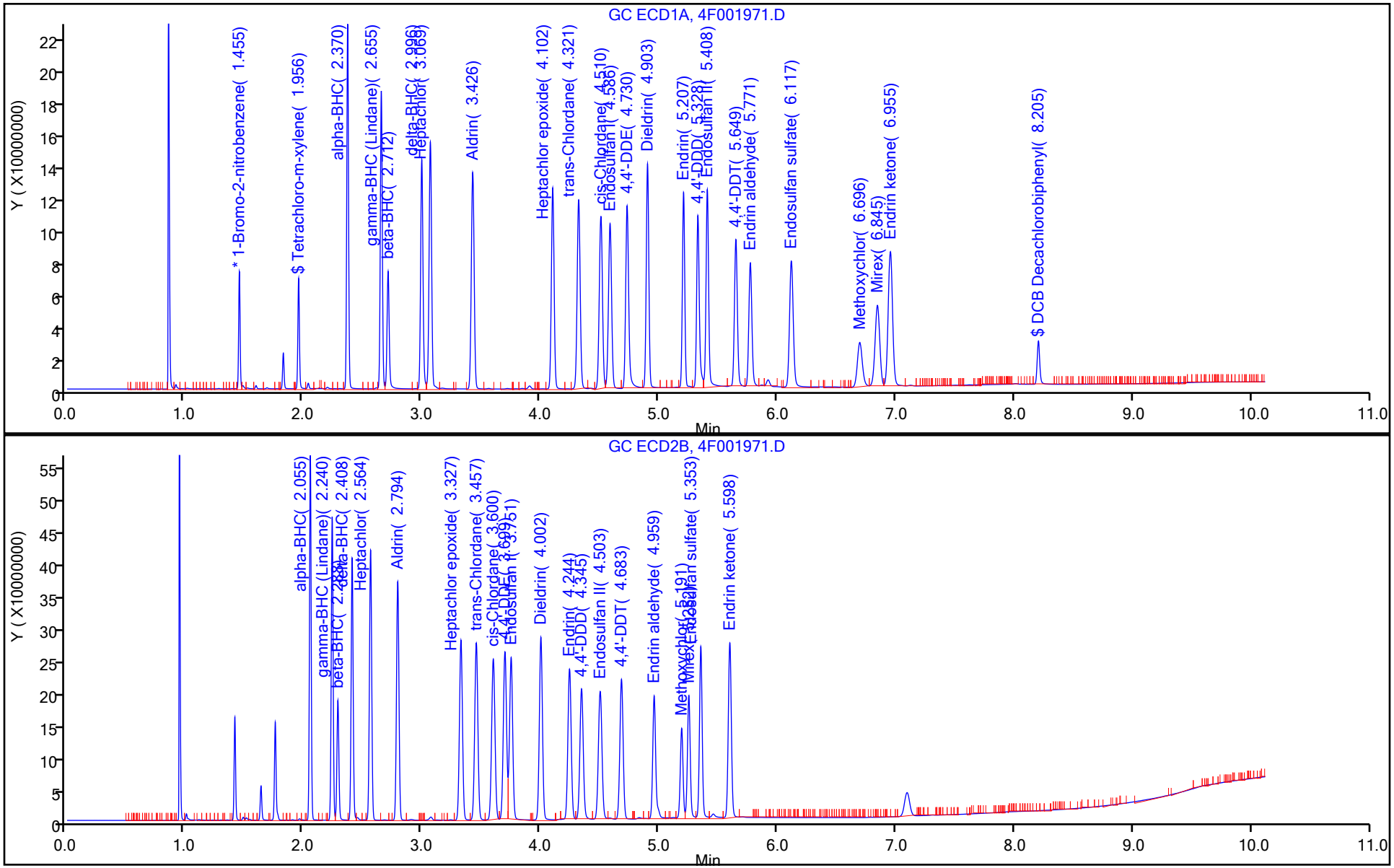
Injection Date: 09-Feb-2025 09:00:27 Instrument ID: CPESTGC4 Operator ID:

Lims ID: LCSD 460-1020298/3-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 32

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D | | | | |
| Lims ID: | LCSD 460-1020298/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 09-Feb-2025 09:00:27 | ALS Bottle#: | 32 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186696-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC4 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 10-Feb-2025 14:26:24 | Calib Date: | 27-Nov-2024 10:07:24 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1690 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 92.3 | 92.29 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 57.8 | 57.76 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 93.7 | 93.74 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.65 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020298/3-A

Matrix: Water | Lab File ID: 4F001971.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:47

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:00

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020347 | Units: ug/L

Preparation Batch No.: 1020298 | Instrument ID: CPESTGC4

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.932 | | 0.020 | 0.0060 |
| 72-55-9 | 4,4'-DDE | 0.961 | | 0.020 | 0.0020 |
| 50-29-3 | 4,4'-DDT | 0.953 | | 0.020 | 0.0040 |
| 309-00-2 | Aldrin | 0.971 | | 0.020 | 0.0030 |
| 319-84-6 | alpha-BHC | 0.981 | | 0.020 | 0.0070 |
| 319-85-7 | beta-BHC | 0.948 | | 0.020 | 0.015 |
| 319-86-8 | delta-BHC | 0.899 | | 0.020 | 0.0050 |
| 60-57-1 | Dieldrin | 0.977 | | 0.020 | 0.0030 |
| 959-98-8 | Endosulfan I | 0.995 | | 0.020 | 0.0020 |
| 33213-65-9 | Endosulfan II | 1.01 | | 0.020 | 0.0040 |
| 1031-07-8 | Endosulfan sulfate | 0.893 | | 0.020 | 0.0060 |
| 72-20-8 | Endrin | 0.944 | | 0.020 | 0.0040 |
| 7421-93-4 | Endrin aldehyde | 0.951 | | 0.020 | 0.0080 |
| 53494-70-5 | Endrin ketone | 0.928 | | 0.020 | 0.0080 |
| 58-89-9 | gamma-BHC (Lindane) | 0.989 | | 0.020 | 0.012 |
| 76-44-8 | Heptachlor | 1.01 | | 0.020 | 0.0030 |
| 1024-57-3 | Heptachlor epoxide | 0.995 | | 0.020 | 0.0050 |
| 72-43-5 | Methoxychlor | 0.923 | | 0.020 | 0.0040 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 30-131 |
| 877-09-8 | Tetrachloro-m-xylene | 94 | | 34-120 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D
Lims ID: LCSD 460-1020298/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Feb-2025 09:00:27 ALS Bottle#: 32 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186696-007
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 10-Feb-2025 14:26:24 Calib Date: 27-Nov-2024 10:07:24
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1690

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.455 | 1.457 | -0.002 | 61131862 | 100.0 | 100.0 | |
| 2 | 1.418 | 1.419 | -0.001 | 137592690 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 1.956 | 1.954 | 0.002 | 62149392 | 100.0 | 92.3 | |
| 2 | 1.759 | 1.757 | 0.002 | 149372047 | 100.0 | 93.7 | |
| | | | | | | RPD = 1.55 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.370 | 2.367 | 0.003 | 233293172 | 200.0 | 236.7 | |
| 2 | 2.055 | 2.054 | 0.001 | 563867559 | 200.0 | 245.4 | |
| | | | | | | RPD = 3.58 | |
| 2 gamma-BHC (Lindane) | | | | | | | |
| 1 | 2.655 | 2.652 | 0.003 | 212974523 | 200.0 | 235.9 | |
| 2 | 2.240 | 2.238 | 0.002 | 515549188 | 200.0 | 247.2 | |
| | | | | | | RPD = 4.68 | |
| 6 beta-BHC | | | | | | | |
| 1 | 2.712 | 2.709 | 0.003 | 92833448 | 200.0 | 232.9 | |
| 2 | 2.288 | 2.286 | 0.002 | 212177277 | 200.0 | 237.1 | |
| | | | | | | RPD = 1.78 | |
| 32 delta-BHC | | | | | | | |
| 1 | 2.996 | 2.993 | 0.003 | 195418214 | 200.0 | 214.0 | |
| 2 | 2.408 | 2.406 | 0.002 | 473726242 | 200.0 | 224.7 | |
| | | | | | | RPD = 4.91 | |
| 18 Heptachlor | | | | | | | |
| 1 | 3.069 | 3.065 | 0.004 | 225710388 | 200.0 | 236.9 | |
| 2 | 2.564 | 2.562 | 0.002 | 551952257 | 200.0 | 251.6 | |
| | | | | | | RPD = 6.02 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.426 | 3.423 | 0.003 | 221780964 | 200.0 | 233.2 | |
| 2 | 2.794 | 2.791 | 0.003 | 531114370 | 200.0 | 242.7 | |
| | | | | | | RPD = 3.99 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.102 | 4.099 | 0.003 | 197461110 | 200.0 | 237.6 | |
| 2 | 3.327 | 3.326 | 0.001 | 491800126 | 200.0 | 248.9 | |
| | | | | | | RPD = 4.62 | |
| 9 trans-Chlordane | | | | | | | |
| 1 | 4.321 | 4.318 | 0.003 | 206186233 | 200.0 | 243.2 | |
| 2 | 3.457 | 3.454 | 0.003 | 507462494 | 200.0 | 249.3 | |
| | | | | | | RPD = 2.48 | |
| 23 cis-Chlordane | | | | | | | |
| 1 | 4.510 | 4.505 | 0.005 | 197992665 | 200.0 | 243.4 | |
| 2 | 3.600 | 3.599 | 0.001 | 486242437 | 200.0 | 247.7 | |
| | | | | | | RPD = 1.73 | |
| 7 Endosulfan I | | | | | | | |
| 1 | 4.586 | 4.582 | 0.004 | 186938555 | 200.0 | 241.5 | |
| 2 | 3.751 | 3.749 | 0.002 | 465075436 | 200.0 | 248.8 | |
| | | | | | | RPD = 2.98 | |
| 25 4,4'-DDE | | | | | | | |
| 1 | 4.730 | 4.727 | 0.003 | 199297628 | 200.0 | 237.4 | |
| 2 | 3.699 | 3.696 | 0.003 | 496349320 | 200.0 | 240.3 | |
| | | | | | | RPD = 1.24 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.903 | 4.899 | 0.004 | 205786179 | 200.0 | 236.8 | |
| 2 | 4.002 | 4.001 | 0.001 | 513184716 | 200.0 | 244.3 | |
| | | | | | | RPD = 3.13 | |
| 20 Endrin | | | | | | | |
| 1 | 5.207 | 5.204 | 0.003 | 165067584 | 200.0 | 208.0 | |
| 2 | 4.244 | 4.243 | 0.001 | 449736692 | 200.0 | 236.1 | |
| | | | | | | RPD = 12.65 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.328 | 5.326 | 0.002 | 165412859 | 200.0 | 222.5 | |
| 2 | 4.345 | 4.344 | 0.001 | 401576632 | 200.0 | 232.9 | |
| | | | | | | RPD = 4.55 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.408 | 5.405 | 0.003 | 185859110 | 200.0 | 256.4 | |
| 2 | 4.503 | 4.500 | 0.003 | 418716035 | 200.0 | 252.9 | |
| | | | | | | RPD = 1.37 | |
| 21 4,4'-DDT | | | | | | | |
| 1 | 5.649 | 5.646 | 0.003 | 155862529 | 200.0 | 206.7 | |
| 2 | 4.683 | 4.681 | 0.002 | 414770249 | 200.0 | 238.3 | |
| | | | | | | RPD = 14.19 | |
| 5 Endrin aldehyde | | | | | | | |
| 1 | 5.771 | 5.769 | 0.002 | 137932406 | 200.0 | 239.1 | |
| 2 | 4.959 | 4.957 | 0.002 | 333955611 | 200.0 | 237.9 | |
| | | | | | | RPD = 0.51 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.117 | 6.114 | 0.003 | 169484464 | 200.0 | 217.3 | |
| 2 | 5.353 | 5.352 | 0.001 | 418711784 | 200.0 | 223.2 | |
| | | | | | | RPD = 2.70 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 10 Methoxychlor | | | | | | | |
| 1 | 6.696 | 6.691 | 0.005 | 80232428 | 200.0 | 188.5 | |
| 2 | 5.191 | 5.190 | 0.001 | 220833093 | 200.0 | 230.7 | |
| | | | | | | RPD = 20.16 | |
| 34 Mirex | | | | | | | |
| 1 | 6.845 | 6.843 | 0.002 | 138554002 | 200.0 | 217.8 | |
| 2 | 5.252 | 5.250 | 0.002 | 308286470 | 200.0 | 219.1 | |
| | | | | | | RPD = 0.60 | |
| 13 Endrin ketone | | | | | | | |
| 1 | 6.955 | 6.949 | 0.006 | 216496813 | 200.0 | 241.2 | |
| 2 | 5.598 | 5.596 | 0.002 | 486517699 | 200.0 | 231.9 | |
| | | | | | | RPD = 3.94 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.205 | 8.202 | 0.003 | 40695732 | 100.0 | 57.8 | |
| 2 | 7.095 | 7.093 | 0.002 | 111826164 | 100.0 | 56.6 | |
| | | | | | | RPD = 1.95 | |

## Reagents:

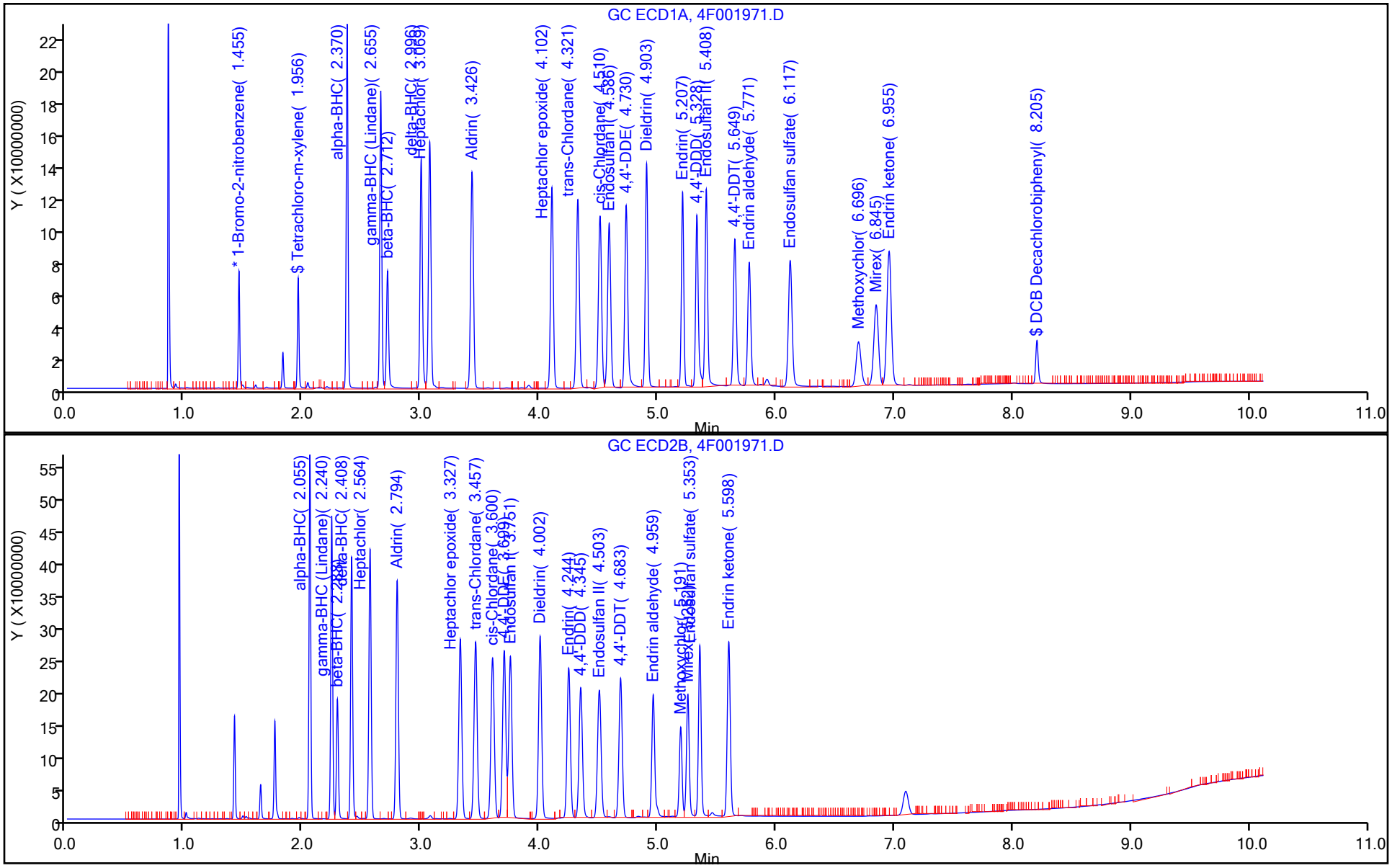
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 14:26:33 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:00:27 | Instrument ID: | CPESTGC4 | Operator ID: | |
| Lims ID: | LCSD 460-1020298/3-A | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 32 |
| Method: | GC-4 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\4F001971.D | | | | |
| Lims ID: | LCSD 460-1020298/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 09-Feb-2025 09:00:27 | ALS Bottle#: | 32 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186696-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC4 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC4\20250209-186696.b\GC-4 8081 ISTD.m | | | | |
| Limit Group: | GC 8081B PEST ISTD | | | | |
| Last Update: | 10-Feb-2025 14:26:24 | Calib Date: | 27-Nov-2024 10:07:24 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC4\20241127-184035.b\4F0011539.D | | | | |
| Column 1 : | | | Det: GC ECD1A | | |
| Column 2 : | | | Det: GC ECD2B | | |
| Process Host: | CTX1690 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 92.3 | 92.29 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 57.8 | 57.76 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 100.0 | 93.7 | 93.74 |
| $ 24 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.65 |

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-D MS

Matrix: Solid | Lab File ID: 5F0977927.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.07(g) | Date Analyzed: 02/07/2025 04:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.187* | | *0.0097* | *0.0016* |
| *72-55-9* | *4,4'-DDE* | *0.166* | | *0.0097* | *0.0011* |
| *50-29-3* | *4,4'-DDT* | *0.204* | | *0.0097* | *0.0018* |
| *309-00-2* | *Aldrin* | *0.161* | | *0.0097* | *0.0015* |
| *319-84-6* | *alpha-BHC* | *0.184* | | *0.0029* | *0.00098* |
| *319-85-7* | *beta-BHC* | *0.171* | | *0.0029* | *0.0011* |
| *12789-03-6* | *Chlordane (technical)* | *0.097* | *U* | *0.097* | *0.023* |
| *319-86-8* | *delta-BHC* | *0.180* | | *0.0029* | *0.00059* |
| *60-57-1* | *Dieldrin* | *0.186* | | *0.0029* | *0.0013* |
| *959-98-8* | *Endosulfan I* | *0.187* | | *0.0097* | *0.0015* |
| *33213-65-9* | *Endosulfan II* | *0.175* | | *0.0097* | *0.0025* |
| *1031-07-8* | *Endosulfan sulfate* | *0.189* | | *0.0097* | *0.0012* |
| *72-20-8* | *Endrin* | *0.178* | | *0.0097* | *0.0014* |
| *7421-93-4* | *Endrin aldehyde* | *0.181* | | *0.0097* | *0.0023* |
| *53494-70-5* | *Endrin ketone* | *0.194* | | *0.0097* | *0.0019* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.195* | | *0.0029* | *0.00090* |
| *76-44-8* | *Heptachlor* | *0.185* | | *0.0097* | *0.0011* |
| *1024-57-3* | *Heptachlor epoxide* | *0.178* | | *0.0097* | *0.0014* |
| *72-43-5* | *Methoxychlor* | *0.216* | | *0.0097* | *0.0022* |
| *8001-35-2* | *Toxaphene* | *0.097* | *U* | *0.097* | *0.035* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 105 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 79 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Lims ID: 160-57053-E-2-D MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 04:15:33 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-010
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.514 | 1.510 | 0.004 | 28210297 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.612 | 0.003 | 49904110 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.021 | 2.016 | 0.005 | 11908550 | 50.0 | 39.5 | |
| 2 | 2.003 | 1.996 | 0.007 | 24907086 | 50.0 | 41.1 | |
| | | | | | | RPD = 4.12 | |
| 33 2,4,5-Trichlorophenol | | | | | | | |
| 1 | 2.274 | 2.268 | 0.007 | 351099 | | 94.9 | |
| 2 | 2.233 | 2.232 | 0.001 | 479308 | | 48.5 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.447 | 2.441 | 0.006 | 91407867 | 200.0 | 191.4 | |
| 2 | 2.337 | 2.331 | 0.006 | 182859629 | 200.0 | 201.4 | |
| | | | | | | RPD = 5.07 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.741 | 2.735 | 0.006 | 89492336 | 200.0 | 202.8 | M |
| 2 | 2.553 | 2.546 | 0.007 | 173331566 | 200.0 | 206.8 | M |
| | | | | | | RPD = 1.95 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.801 | 2.794 | 0.007 | 33491668 | 200.0 | 177.3 | M |
| 2 | 2.606 | 2.599 | 0.007 | 66185280 | 200.0 | 179.7 | M |
| | | | | | | RPD = 1.35 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 32 delta-BHC | | | | | | | M |
| 1 | 3.095 | 3.089 | 0.006 | 84166382 | 200.0 | 186.7 | M |
| 2 | 2.745 | 2.739 | 0.006 | 171659986 | 200.0 | 203.0 | |
| | | | | | | RPD = 8.35 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.170 | 3.163 | 0.007 | 85225460 | 200.0 | 191.9 | M |
| 2 | 2.926 | 2.919 | 0.007 | 175006654 | 200.0 | 197.7 | |
| | | | | | | RPD = 3.00 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.542 | 3.533 | 0.009 | 73043070 | 200.0 | 167.5 | |
| 2 | 3.194 | 3.186 | 0.008 | 168456371 | 200.0 | 192.0 | |
| | | | | | | RPD = 13.61 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.209 | 4.201 | 0.008 | 70259816 | 200.0 | 184.9 | |
| 2 | 3.811 | 3.804 | 0.007 | 155858692 | 200.0 | 196.7 | |
| | | | | | | RPD = 6.16 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.439 | 4.429 | 0.010 | 87899049 | 200.0 | 226.0 | M |
| 2 | 3.945 | 3.936 | 0.009 | 151972986 | 200.0 | 188.3 | |
| | | | | | | RPD = 18.20 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.627 | 4.619 | 0.008 | 69441097 | 200.0 | 186.3 | M |
| 2 | 4.083 | 4.074 | 0.009 | 155873120 | 200.0 | 204.0 | M |
| | | | | | | RPD = 9.04 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.698 | 4.691 | 0.007 | 69561235 | 200.0 | 194.1 | M |
| 2 | 4.229 | 4.221 | 0.008 | 150411810 | 200.0 | 211.2 | M |
| | | | | | | RPD = 8.44 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.821 | 0.005 | 66834777 | 200.0 | 172.2 | |
| 2 | 4.163 | 4.156 | 0.007 | 145777744 | 200.0 | 195.0 | M |
| | | | | | | RPD = 12.42 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.981 | 0.005 | 80228531 | 200.0 | 192.8 | |
| 2 | 4.502 | 4.492 | 0.010 | 169259880 | 200.0 | 210.1 | |
| | | | | | | RPD = 8.58 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.270 | 5.265 | 0.005 | 71535668 | 200.0 | 185.2 | M |
| 2 | 4.764 | 4.756 | 0.008 | 149863162 | 200.0 | 203.3 | |
| | | | | | | RPD = 9.34 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.378 | 0.003 | 73799273 | 200.0 | 194.4 | M |
| 2 | 4.839 | 4.833 | 0.006 | 129922178 | 200.0 | 207.1 | |
| | | | | | | RPD = 6.30 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.452 | 0.005 | 71094346 | 200.0 | 181.3 | M |
| 2 | 4.977 | 4.970 | 0.007 | 139051193 | 200.0 | 222.3 | |
| | | | | | | RPD = 20.28 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.660 | 5.657 | 0.003 | 65070592 | 200.0 | 212.0 | M |
| 2 | 5.100 | 5.095 | 0.005 | 147581291 | 200.0 | 232.6 | |
| | | | | | | RPD = 9.29 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.755 | 5.751 | 0.004 | 59098780 | 200.0 | 187.9 | M |
| 2 | 5.335 | 5.331 | 0.004 | 107749858 | 200.0 | 201.7 | |
| | | | | | | RPD = 7.05 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 79243737 | 200.0 | 196.4 | |
| 2 | 5.693 | 5.689 | 0.004 | 136216265 | 200.0 | 198.3 | |
| | | | | | | RPD = 1.00 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.460 | 6.457 | 0.003 | 33156033 | 200.0 | 223.9 | |
| 2 | 5.529 | 5.526 | 0.003 | 79574161 | 200.0 | 238.9 | |
| | | | | | | RPD = 6.51 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.579 | 6.574 | 0.005 | 56677918 | 200.0 | 176.6 | M |
| 2 | 5.597 | 5.593 | 0.004 | 100584148 | 200.0 | 187.1 | |
| | | | | | | RPD = 5.79 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.670 | 6.666 | 0.004 | 92317786 | 200.0 | 201.0 | M |
| 2 | 5.920 | 5.916 | 0.004 | 159019163 | 200.0 | 208.6 | |
| | | | | | | RPD = 3.70 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 24024494 | 50.0 | 52.3 | |
| 2 | 7.311 | 7.308 | 0.003 | 37611984 | 50.0 | 51.2 | |
| | | | | | | RPD = 2.22 | |
| 36 Dechlorane Plus | | | | | | | |
| 1 | 1.284 | 1.298 | -0.013 | 214323 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

## Reagents:

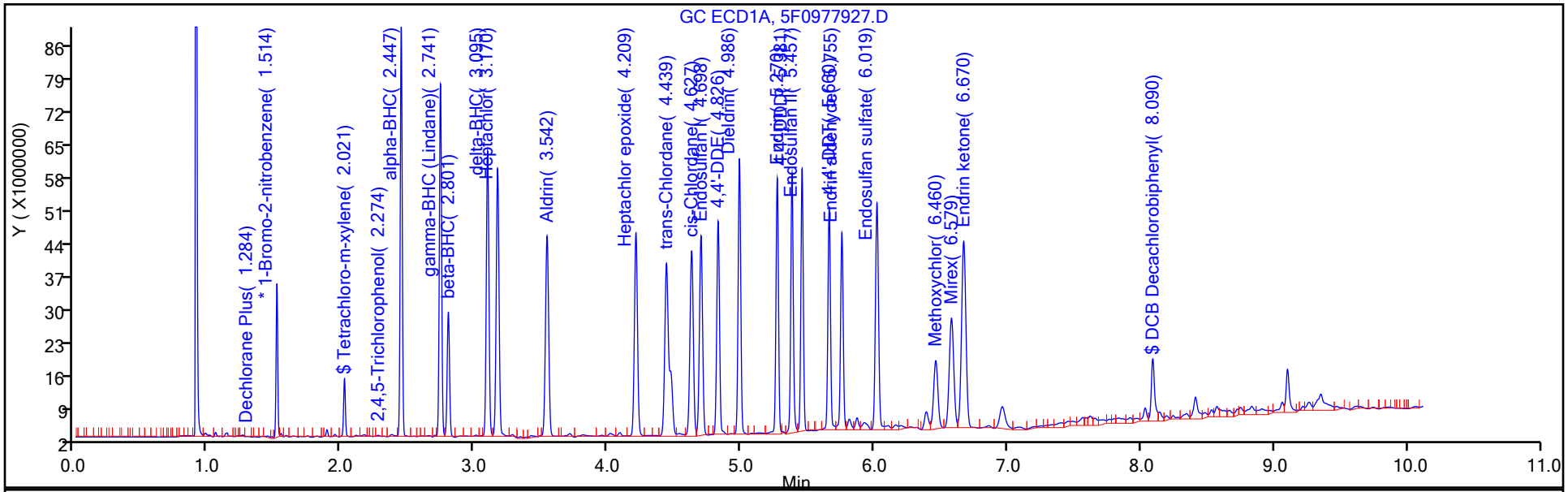
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

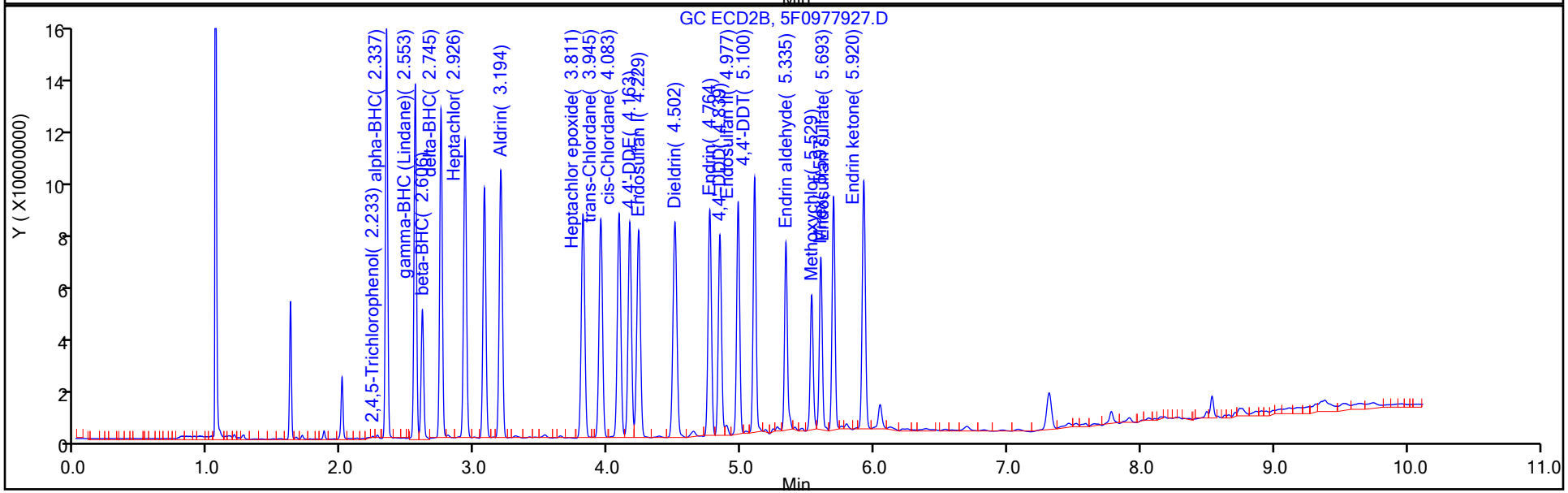
Report Date: 07-Feb-2025 07:47:54 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 04:15:33 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | 160-57053-E-2-D MS | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Lims ID: 160-57053-E-2-D MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 04:15:33 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-010
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:32

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 39.5 | 78.94 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 52.3 | 104.66 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 41.1 | 82.26 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 51.2 | 102.36 |

Manual Integration/User Assign Peak Report

Eurofins Edison

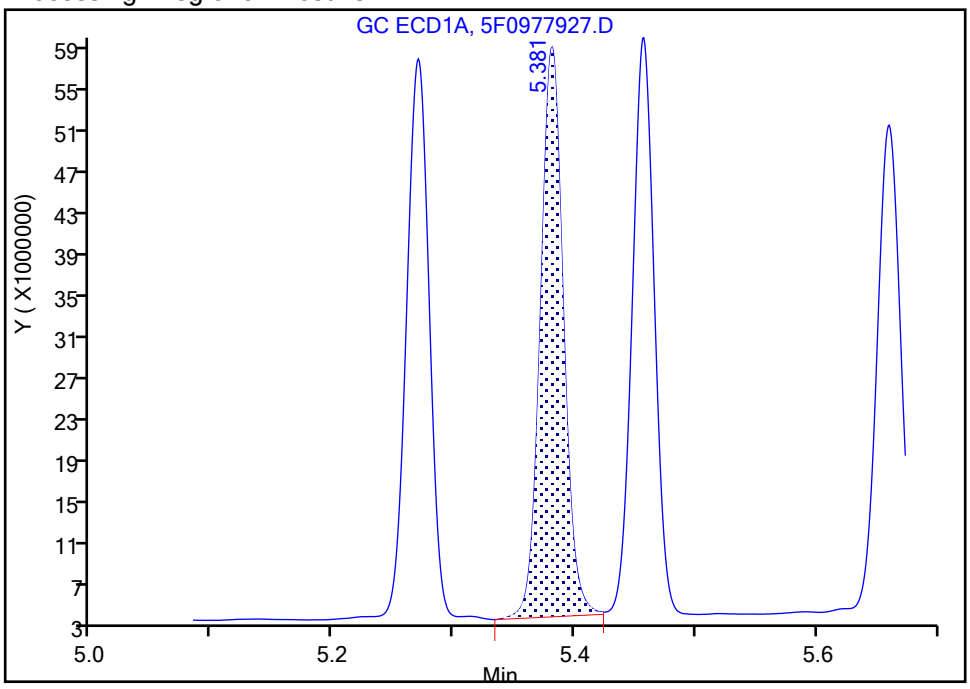
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 16 4,4'-DDD, CAS: 72-54-8

Signal: 1

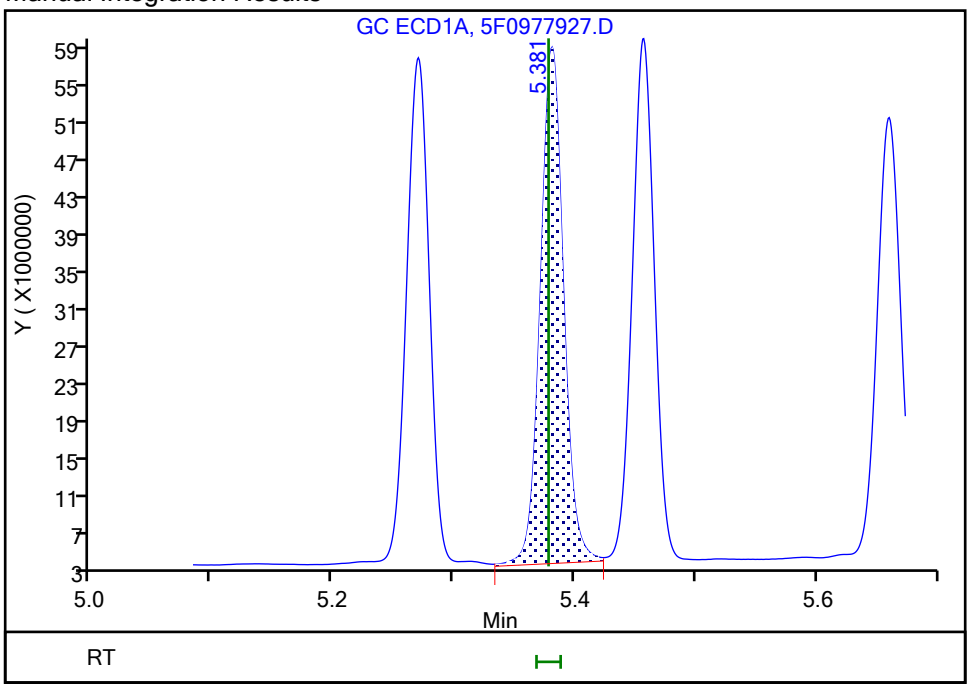
Processing Integration Results

RT: 5.38
Area: 72500968
Amount: 191.0253
Amount Units: ug/l




Manual Integration Results

RT: 5.38
Area: 73799273
Amount: 194.4461
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:19 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

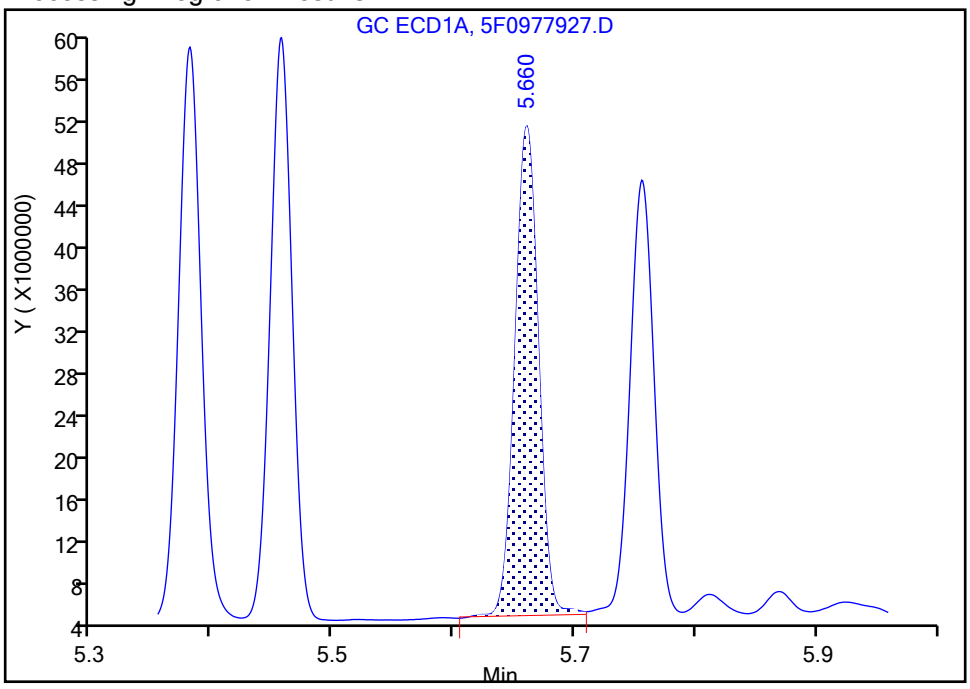
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

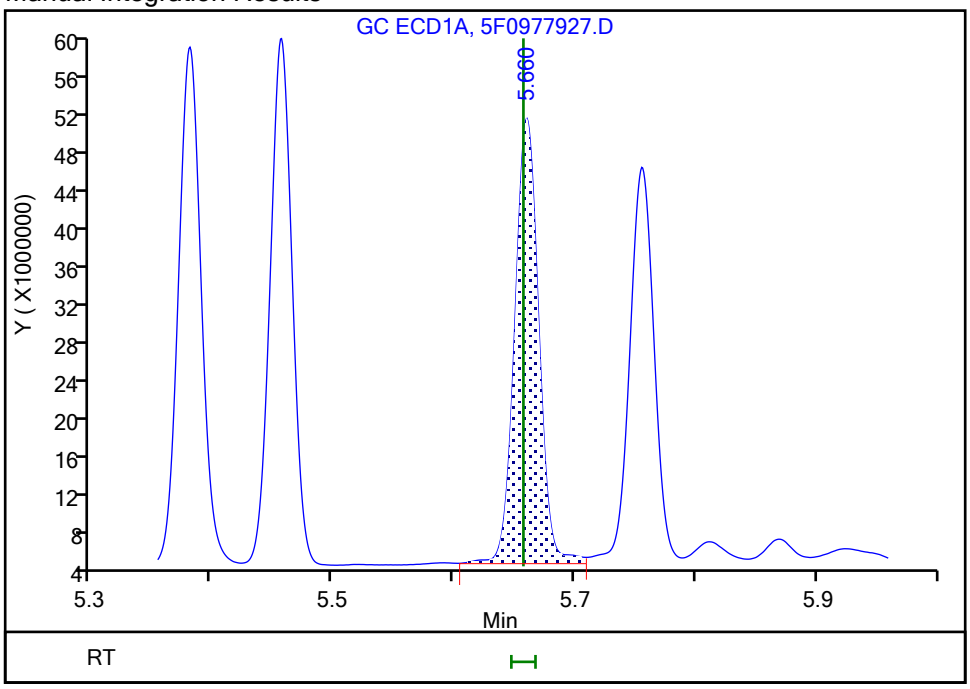
Processing Integration Results

RT: 5.66
Area: 63900131
Amount: 208.1672
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 65070592
Amount: 211.9802
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:20 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

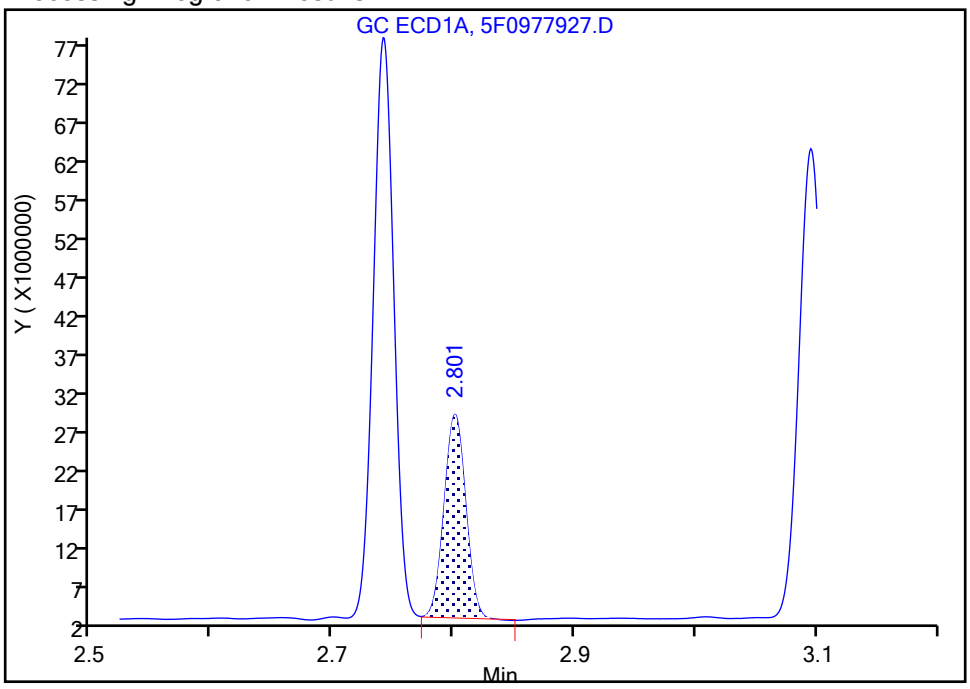
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

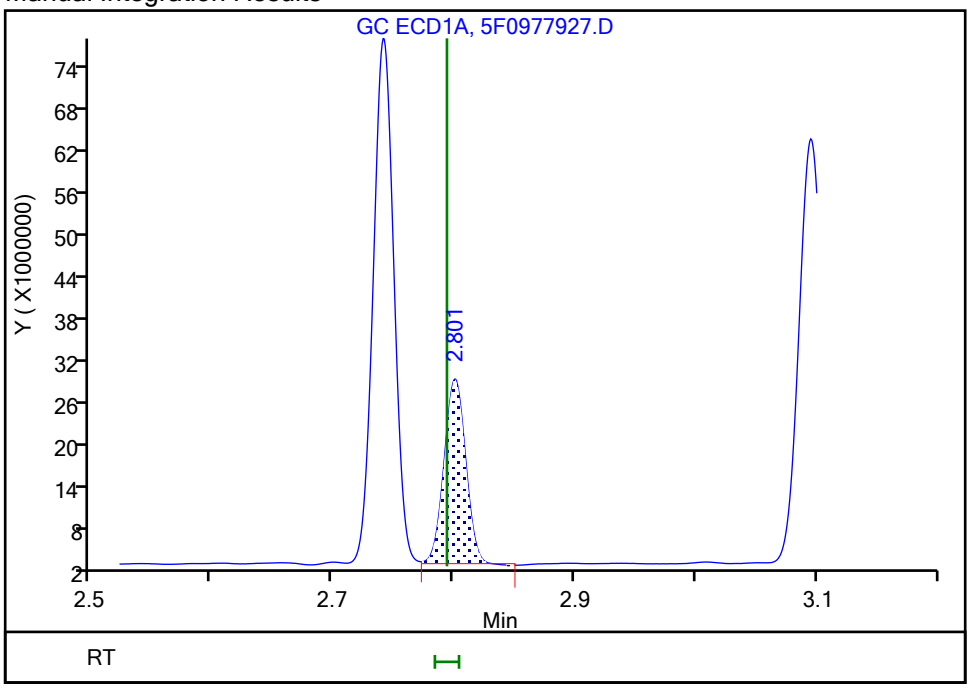
Processing Integration Results

RT: 2.80
Area: 32734415
Amount: 173.2662
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 33491668
Amount: 177.2744
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

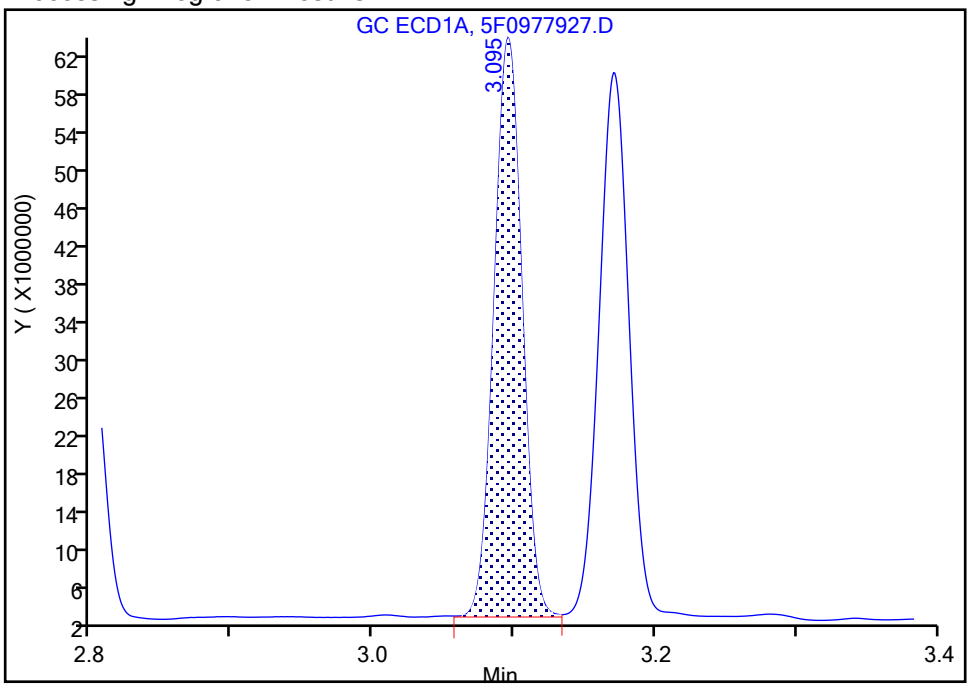
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

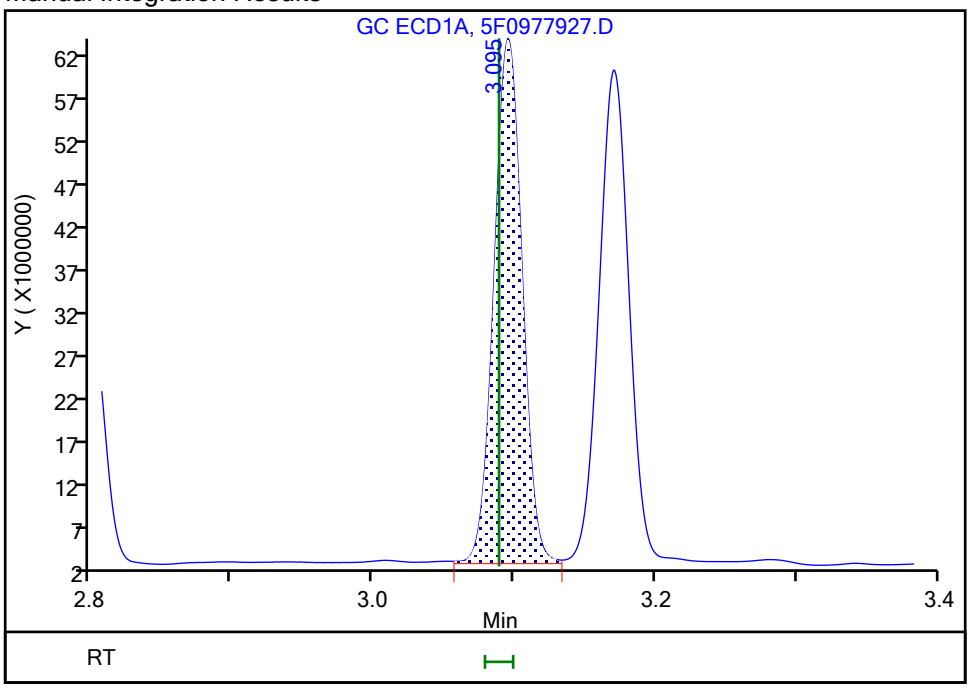
Processing Integration Results

RT: 3.10
Area: 82933543
Amount: 183.9702
Amount Units: ug/l




Manual Integration Results

RT: 3.10
Area: 84166382
Amount: 186.7050
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

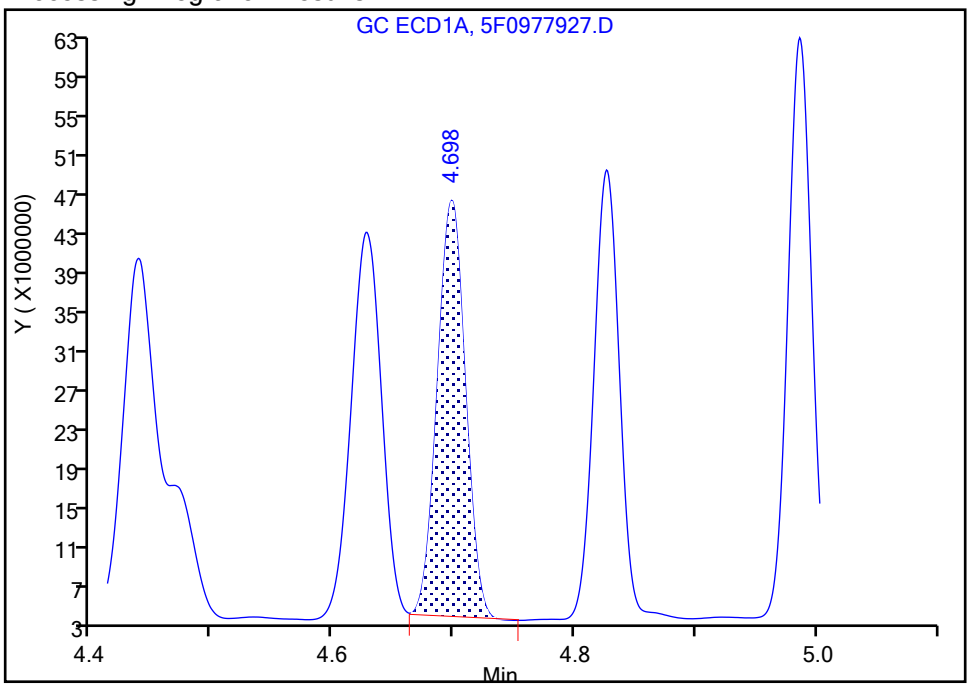
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

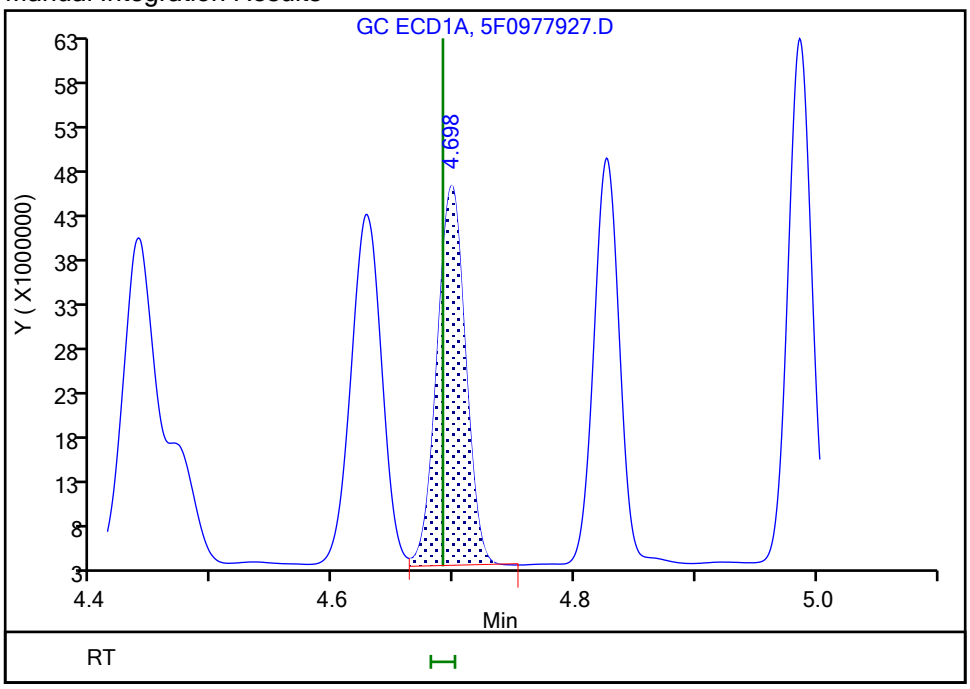
Processing Integration Results

RT: 4.70
Area: 67949285
Amount: 189.5812
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 69561235
Amount: 194.0786
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:14 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

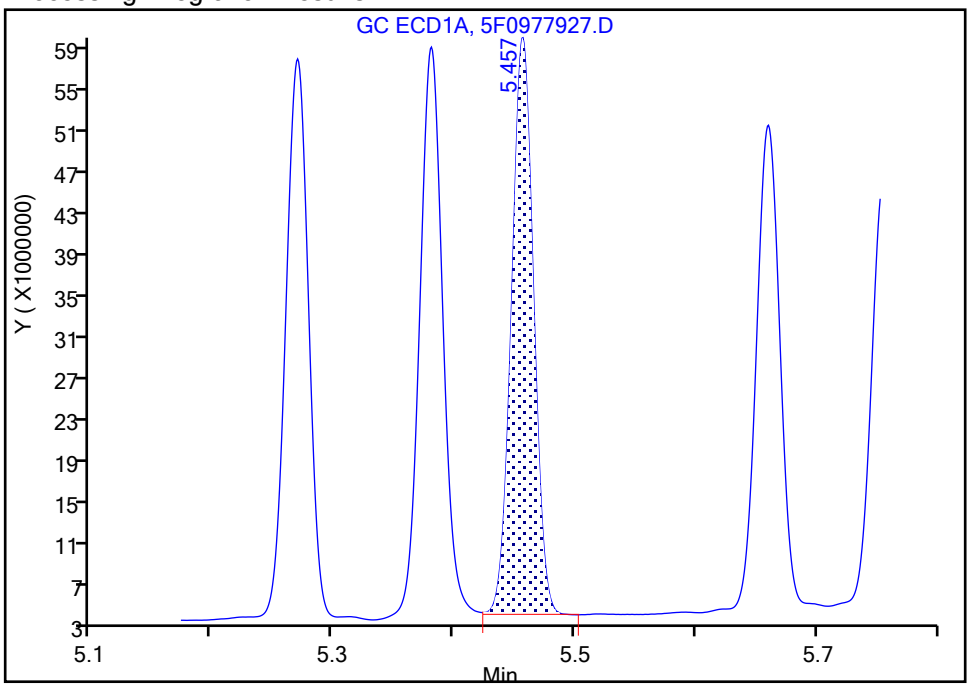
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 11 Endosulfan II, CAS: 33213-65-9

Signal: 1

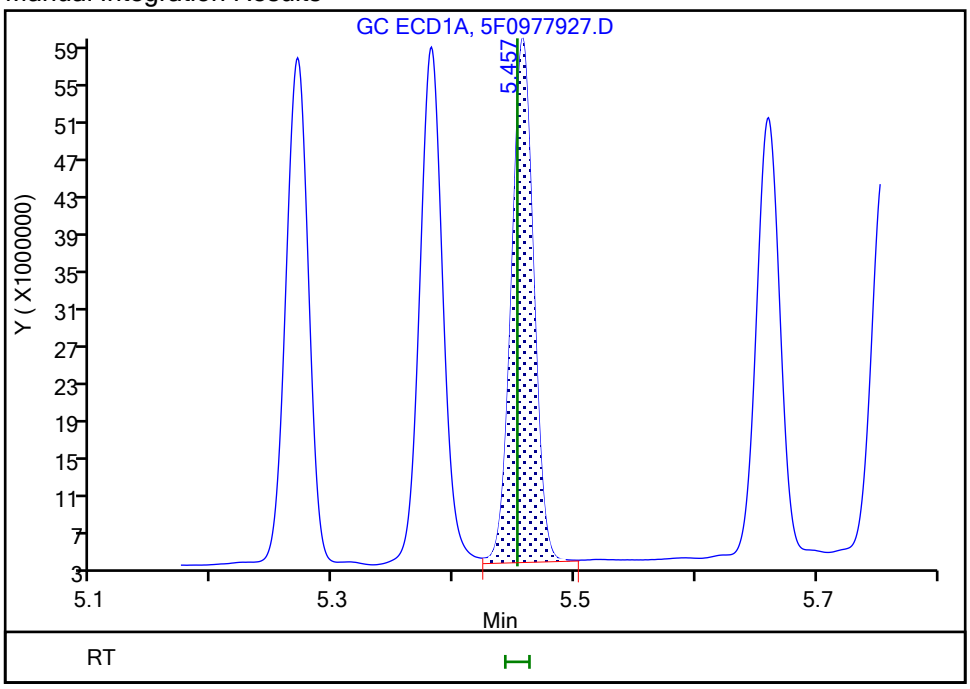
Processing Integration Results

RT: 5.46
Area: 70205317
Amount: 179.0682
Amount Units: ug/l




Manual Integration Results

RT: 5.46
Area: 71094346
Amount: 181.3358
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:19 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

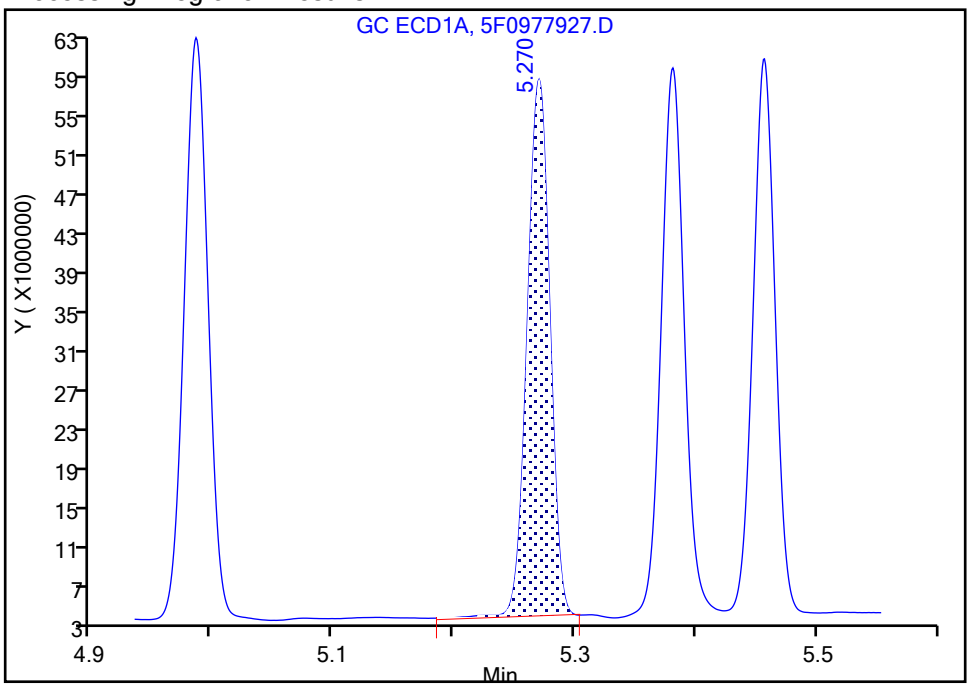
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 20 Endrin, CAS: 72-20-8

Signal: 1

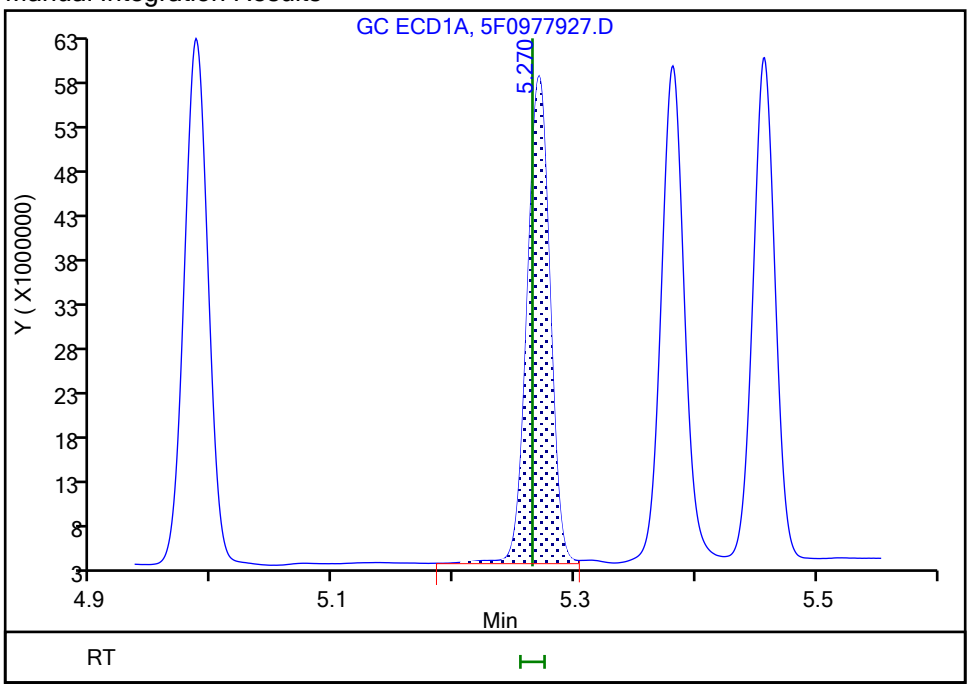
Processing Integration Results

RT: 5.27
Area: 70095720
Amount: 181.4468
Amount Units: ug/l




Manual Integration Results

RT: 5.27
Area: 71535668
Amount: 185.1742
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:16 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

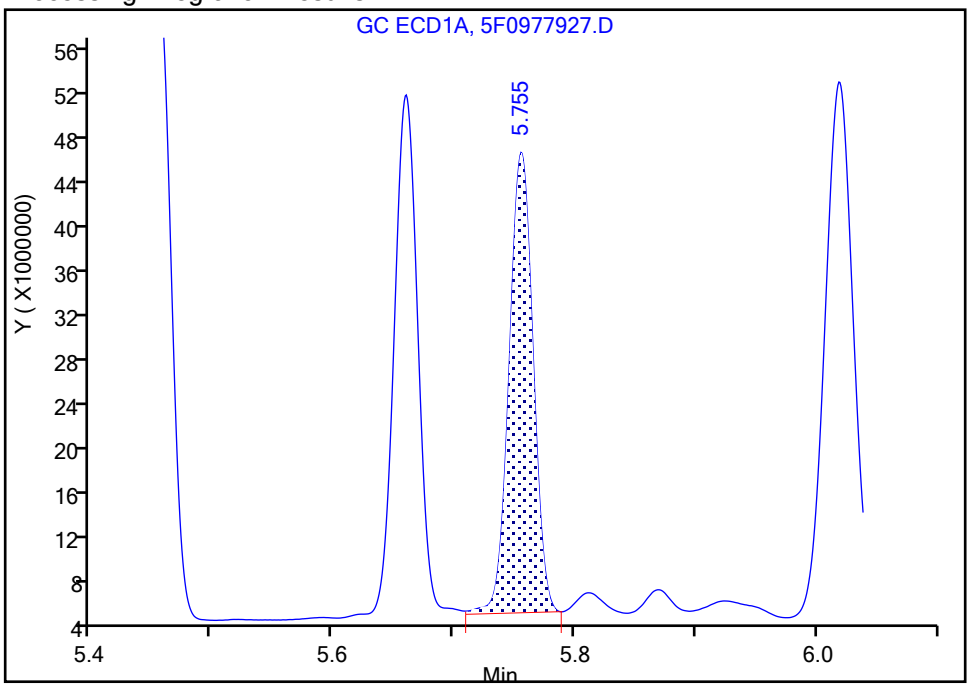
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

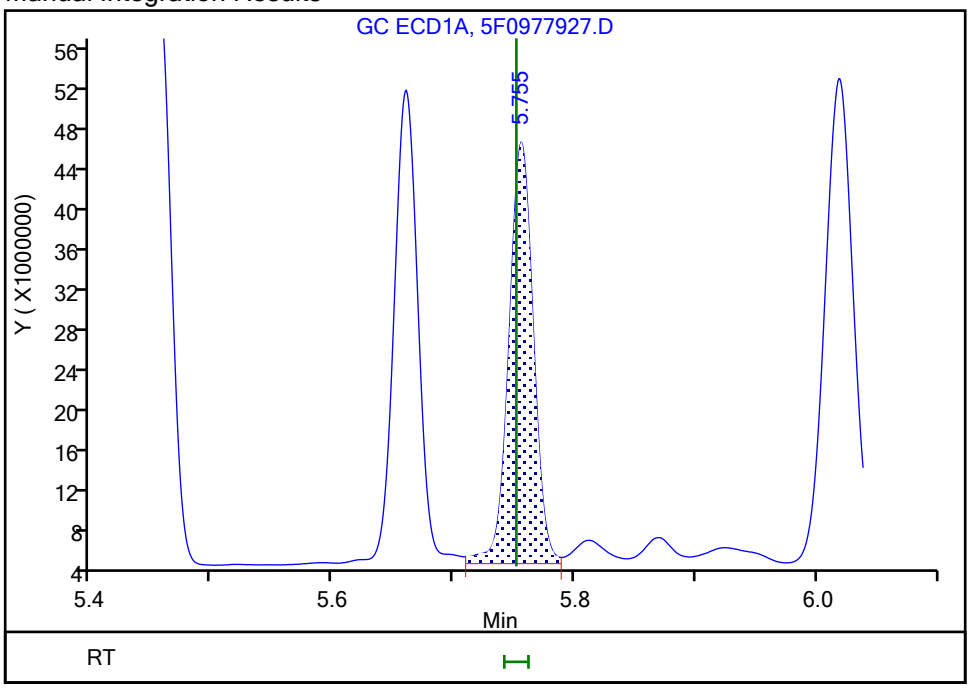
Processing Integration Results

RT: 5.76
Area: 56935922
Amount: 181.0527
Amount Units: ug/l




Manual Integration Results

RT: 5.76
Area: 59098780
Amount: 187.9304
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:20 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

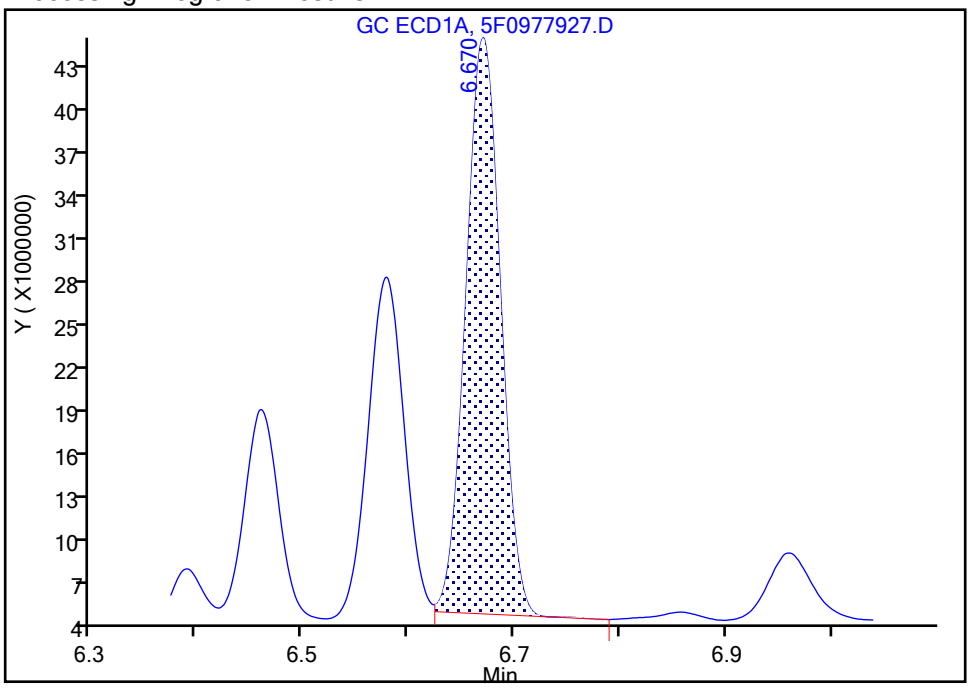
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

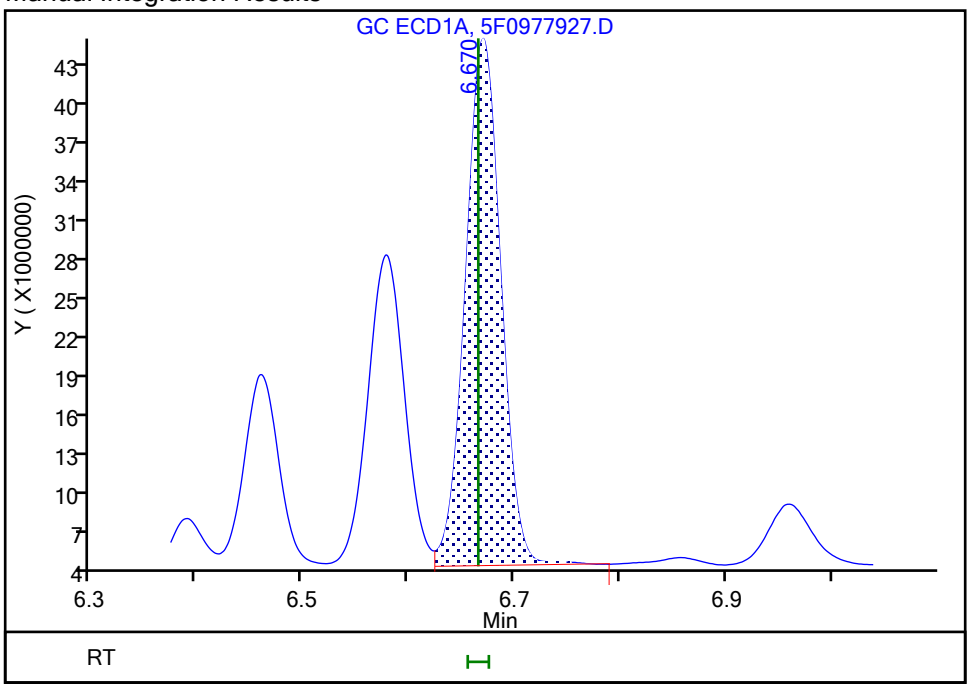
Processing Integration Results

RT: 6.67
Area: 89531001
Amount: 194.9583
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 92317786
Amount: 201.0266
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:21 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

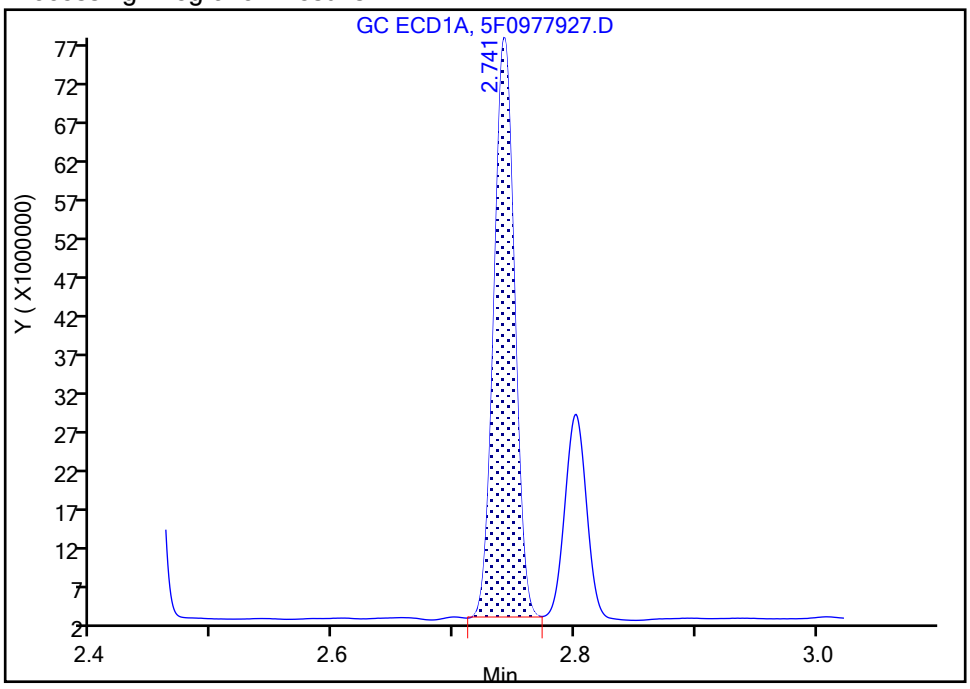
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

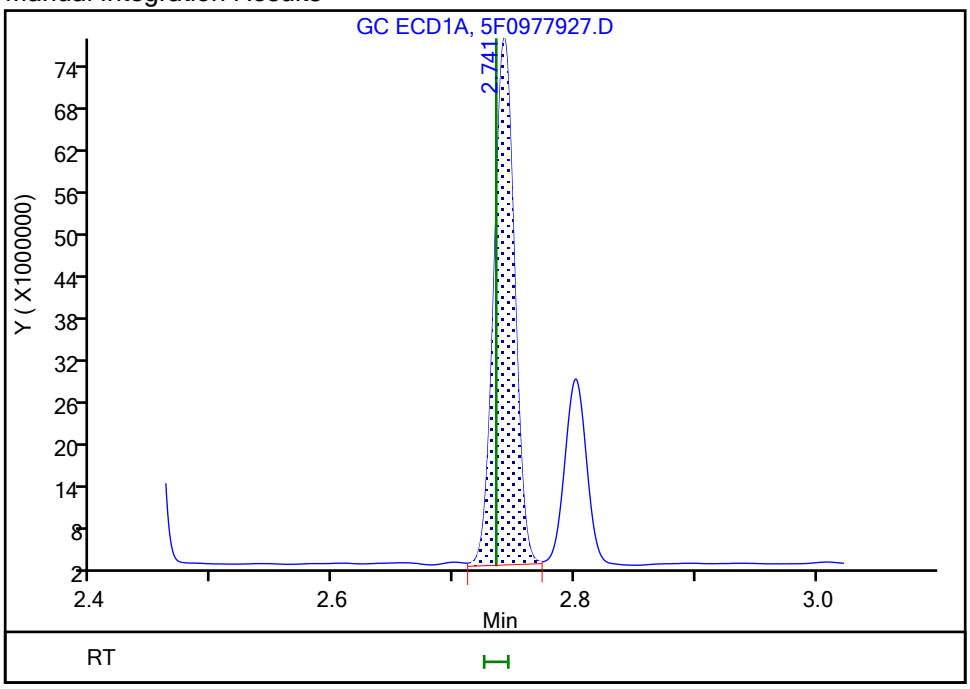
Processing Integration Results

RT: 2.74
Area: 88296561
Amount: 200.0957
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 89492336
Amount: 202.8055
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

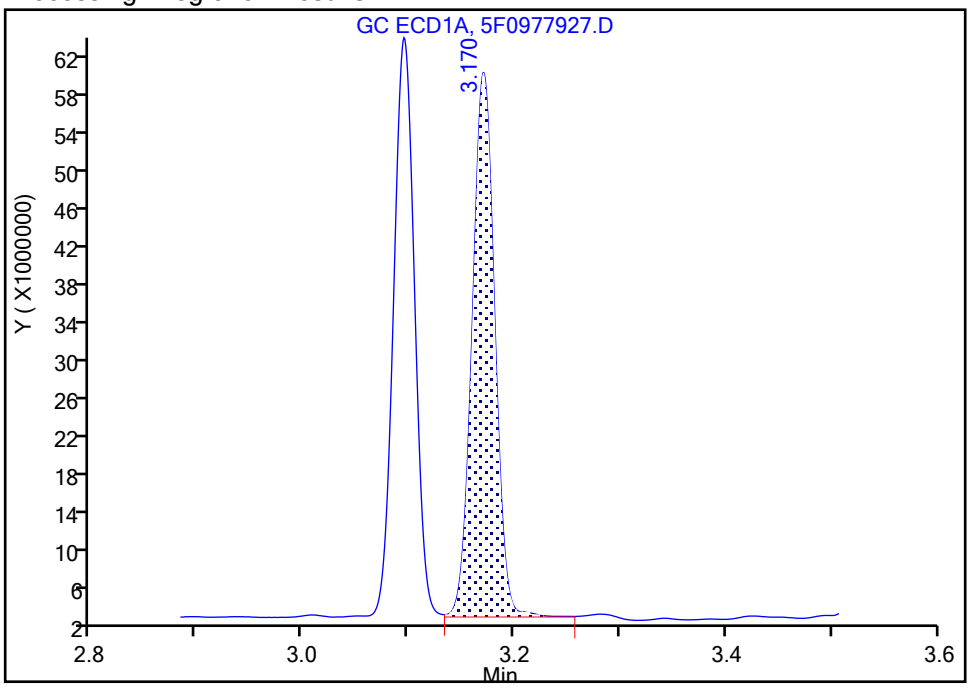
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

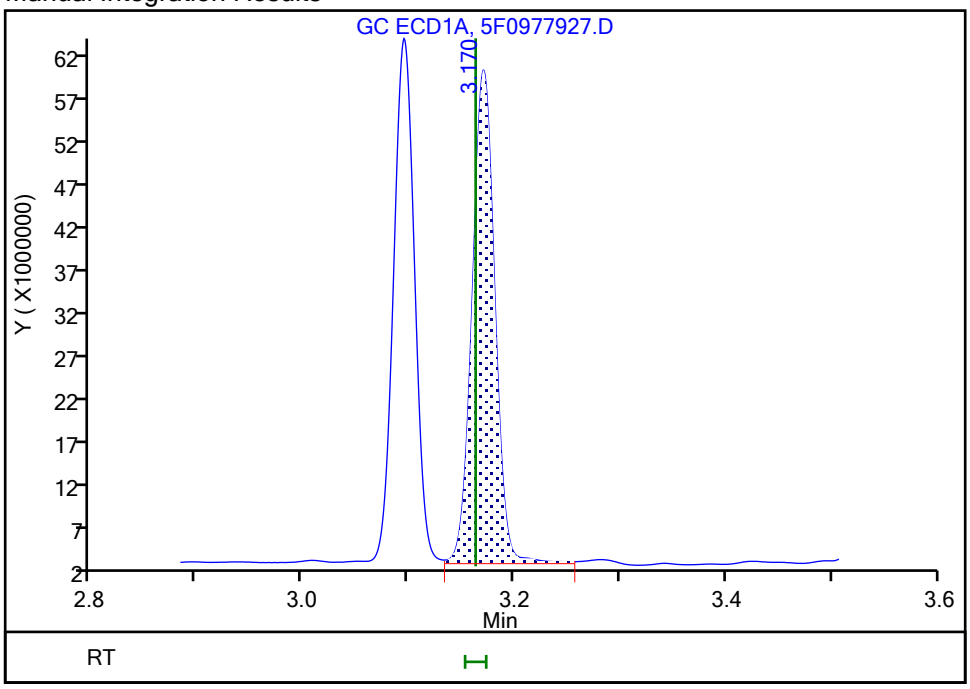
Processing Integration Results

RT: 3.17
Area: 83420500
Amount: 187.7893
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 85225460
Amount: 191.8525
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:10 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-D MS

Matrix: Solid | Lab File ID: 5F0977927.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.07(g) | Date Analyzed: 02/07/2025 04:15

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.199 | | 0.0097 | 0.0016 |
| 72-55-9 | 4,4'-DDE | 0.188 | | 0.0097 | 0.0011 |
| 50-29-3 | 4,4'-DDT | 0.224 | | 0.0097 | 0.0018 |
| 309-00-2 | Aldrin | 0.185 | | 0.0097 | 0.0015 |
| 319-84-6 | alpha-BHC | 0.194 | | 0.0029 | 0.00098 |
| 319-85-7 | beta-BHC | 0.173 | | 0.0029 | 0.0011 |
| 12789-03-6 | Chlordane (technical) | 0.097 | U | 0.097 | 0.023 |
| 319-86-8 | delta-BHC | 0.195 | | 0.0029 | 0.00059 |
| 60-57-1 | Dieldrin | 0.202 | | 0.0029 | 0.0013 |
| 959-98-8 | Endosulfan I | 0.203 | | 0.0097 | 0.0015 |
| 33213-65-9 | Endosulfan II | 0.214 | | 0.0097 | 0.0025 |
| 1031-07-8 | Endosulfan sulfate | 0.191 | | 0.0097 | 0.0012 |
| 72-20-8 | Endrin | 0.196 | | 0.0097 | 0.0014 |
| 7421-93-4 | Endrin aldehyde | 0.194 | | 0.0097 | 0.0023 |
| 53494-70-5 | Endrin ketone | 0.201 | | 0.0097 | 0.0019 |
| 58-89-9 | gamma-BHC (Lindane) | 0.199 | | 0.0029 | 0.00090 |
| 76-44-8 | Heptachlor | 0.190 | | 0.0097 | 0.0011 |
| 1024-57-3 | Heptachlor epoxide | 0.189 | | 0.0097 | 0.0014 |
| 72-43-5 | Methoxychlor | 0.230 | | 0.0097 | 0.0022 |
| 8001-35-2 | Toxaphene | 0.097 | U | 0.097 | 0.035 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 102 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 82 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Lims ID: 160-57053-E-2-D MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 04:15:33 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-010
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:32

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.514 | 1.510 | 0.004 | 28210297 | 100.0 | 100.0 | |
| 2 | 1.615 | 1.612 | 0.003 | 49904110 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.021 | 2.016 | 0.005 | 11908550 | 50.0 | 39.5 | |
| 2 | 2.003 | 1.996 | 0.007 | 24907086 | 50.0 | 41.1 | |
| | | | | | | RPD = 4.12 | |
| 33 2,4,5-Trichlorophenol | | | | | | | |
| 1 | 2.274 | 2.268 | 0.007 | 351099 | | 94.9 | |
| 2 | 2.233 | 2.232 | 0.001 | 479308 | | 48.5 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.447 | 2.441 | 0.006 | 91407867 | 200.0 | 191.4 | |
| 2 | 2.337 | 2.331 | 0.006 | 182859629 | 200.0 | 201.4 | |
| | | | | | | RPD = 5.07 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.741 | 2.735 | 0.006 | 89492336 | 200.0 | 202.8 | M |
| 2 | 2.553 | 2.546 | 0.007 | 173331566 | 200.0 | 206.8 | M |
| | | | | | | RPD = 1.95 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.801 | 2.794 | 0.007 | 33491668 | 200.0 | 177.3 | M |
| 2 | 2.606 | 2.599 | 0.007 | 66185280 | 200.0 | 179.7 | M |
| | | | | | | RPD = 1.35 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 32 delta-BHC | | | | | | | M |
| 1 | 3.095 | 3.089 | 0.006 | 84166382 | 200.0 | 186.7 | M |
| 2 | 2.745 | 2.739 | 0.006 | 171659986 | 200.0 | 203.0 | |
| | | | | | | RPD = 8.35 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.170 | 3.163 | 0.007 | 85225460 | 200.0 | 191.9 | M |
| 2 | 2.926 | 2.919 | 0.007 | 175006654 | 200.0 | 197.7 | |
| | | | | | | RPD = 3.00 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.542 | 3.533 | 0.009 | 73043070 | 200.0 | 167.5 | |
| 2 | 3.194 | 3.186 | 0.008 | 168456371 | 200.0 | 192.0 | |
| | | | | | | RPD = 13.61 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.209 | 4.201 | 0.008 | 70259816 | 200.0 | 184.9 | |
| 2 | 3.811 | 3.804 | 0.007 | 155858692 | 200.0 | 196.7 | |
| | | | | | | RPD = 6.16 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.439 | 4.429 | 0.010 | 87899049 | 200.0 | 226.0 | M |
| 2 | 3.945 | 3.936 | 0.009 | 151972986 | 200.0 | 188.3 | |
| | | | | | | RPD = 18.20 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.627 | 4.619 | 0.008 | 69441097 | 200.0 | 186.3 | M |
| 2 | 4.083 | 4.074 | 0.009 | 155873120 | 200.0 | 204.0 | M |
| | | | | | | RPD = 9.04 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.698 | 4.691 | 0.007 | 69561235 | 200.0 | 194.1 | M |
| 2 | 4.229 | 4.221 | 0.008 | 150411810 | 200.0 | 211.2 | M |
| | | | | | | RPD = 8.44 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.821 | 0.005 | 66834777 | 200.0 | 172.2 | |
| 2 | 4.163 | 4.156 | 0.007 | 145777744 | 200.0 | 195.0 | M |
| | | | | | | RPD = 12.42 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.986 | 4.981 | 0.005 | 80228531 | 200.0 | 192.8 | |
| 2 | 4.502 | 4.492 | 0.010 | 169259880 | 200.0 | 210.1 | |
| | | | | | | RPD = 8.58 | |
| 20 Endrin | | | | | | | M |
| 1 | 5.270 | 5.265 | 0.005 | 71535668 | 200.0 | 185.2 | M |
| 2 | 4.764 | 4.756 | 0.008 | 149863162 | 200.0 | 203.3 | |
| | | | | | | RPD = 9.34 | |
| 16 4,4'-DDD | | | | | | | M |
| 1 | 5.381 | 5.378 | 0.003 | 73799273 | 200.0 | 194.4 | M |
| 2 | 4.839 | 4.833 | 0.006 | 129922178 | 200.0 | 207.1 | |
| | | | | | | RPD = 6.30 | |
| 11 Endosulfan II | | | | | | | M |
| 1 | 5.457 | 5.452 | 0.005 | 71094346 | 200.0 | 181.3 | M |
| 2 | 4.977 | 4.970 | 0.007 | 139051193 | 200.0 | 222.3 | |
| | | | | | | RPD = 20.28 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.660 | 5.657 | 0.003 | 65070592 | 200.0 | 212.0 | M |
| 2 | 5.100 | 5.095 | 0.005 | 147581291 | 200.0 | 232.6 | |
| | | | | | | RPD = 9.29 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.755 | 5.751 | 0.004 | 59098780 | 200.0 | 187.9 | M |
| 2 | 5.335 | 5.331 | 0.004 | 107749858 | 200.0 | 201.7 | |
| | | | | | | RPD = 7.05 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 79243737 | 200.0 | 196.4 | |
| 2 | 5.693 | 5.689 | 0.004 | 136216265 | 200.0 | 198.3 | |
| | | | | | | RPD = 1.00 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.460 | 6.457 | 0.003 | 33156033 | 200.0 | 223.9 | |
| 2 | 5.529 | 5.526 | 0.003 | 79574161 | 200.0 | 238.9 | |
| | | | | | | RPD = 6.51 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.579 | 6.574 | 0.005 | 56677918 | 200.0 | 176.6 | M |
| 2 | 5.597 | 5.593 | 0.004 | 100584148 | 200.0 | 187.1 | |
| | | | | | | RPD = 5.79 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.670 | 6.666 | 0.004 | 92317786 | 200.0 | 201.0 | M |
| 2 | 5.920 | 5.916 | 0.004 | 159019163 | 200.0 | 208.6 | |
| | | | | | | RPD = 3.70 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 24024494 | 50.0 | 52.3 | |
| 2 | 7.311 | 7.308 | 0.003 | 37611984 | 50.0 | 51.2 | |
| | | | | | | RPD = 2.22 | |
| 36 Dechlorane Plus | | | | | | | |
| 1 | 1.284 | 1.298 | -0.013 | 214323 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

## Reagents:

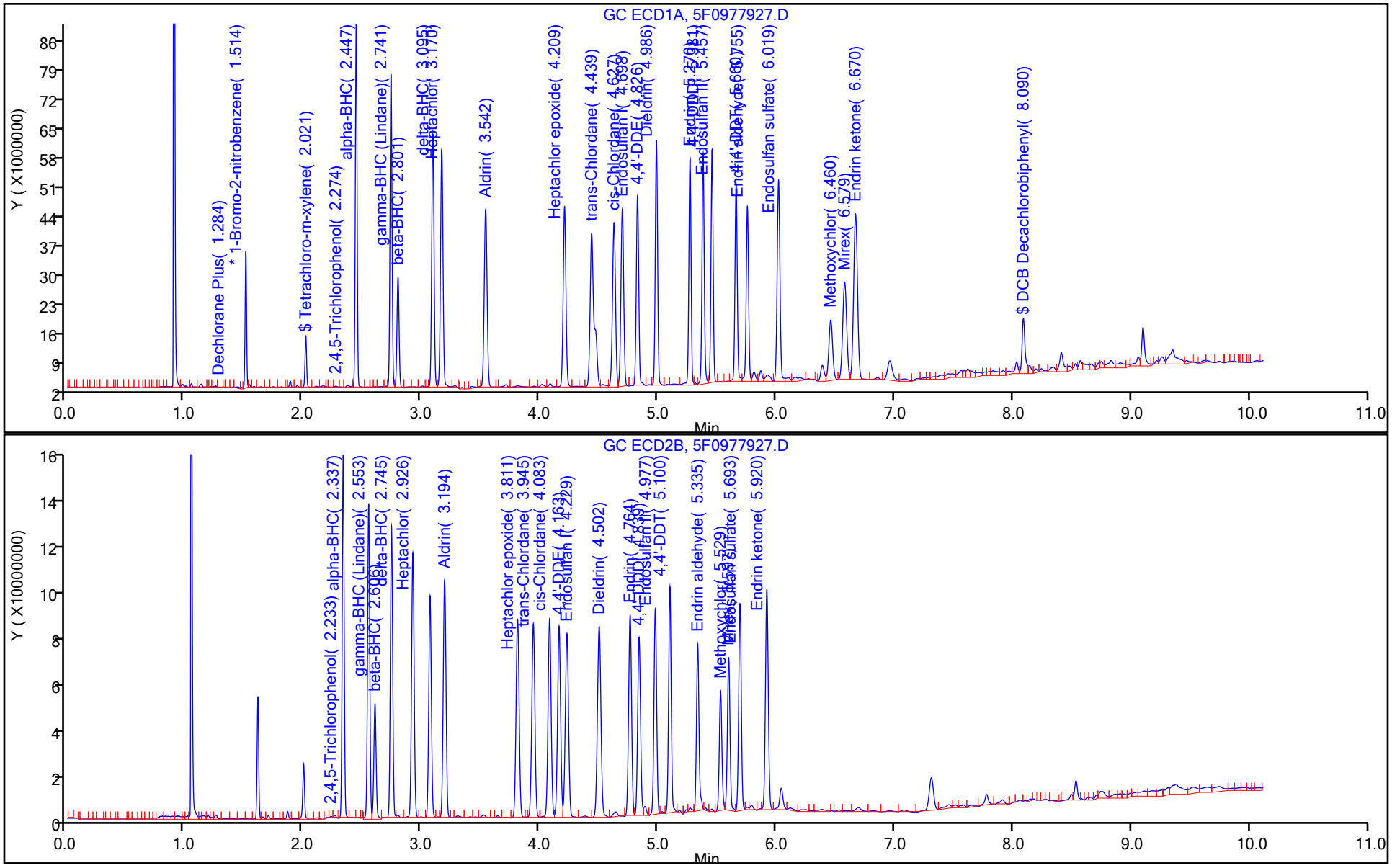
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:55 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 04:15:33 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | 160-57053-E-2-D MS | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Lims ID: 160-57053-E-2-D MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 04:15:33 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-010
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:32

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 39.5 | 78.94 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 52.3 | 104.66 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 41.1 | 82.26 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 51.2 | 102.36 |

Manual Integration/User Assign Peak Report

Eurofins Edison

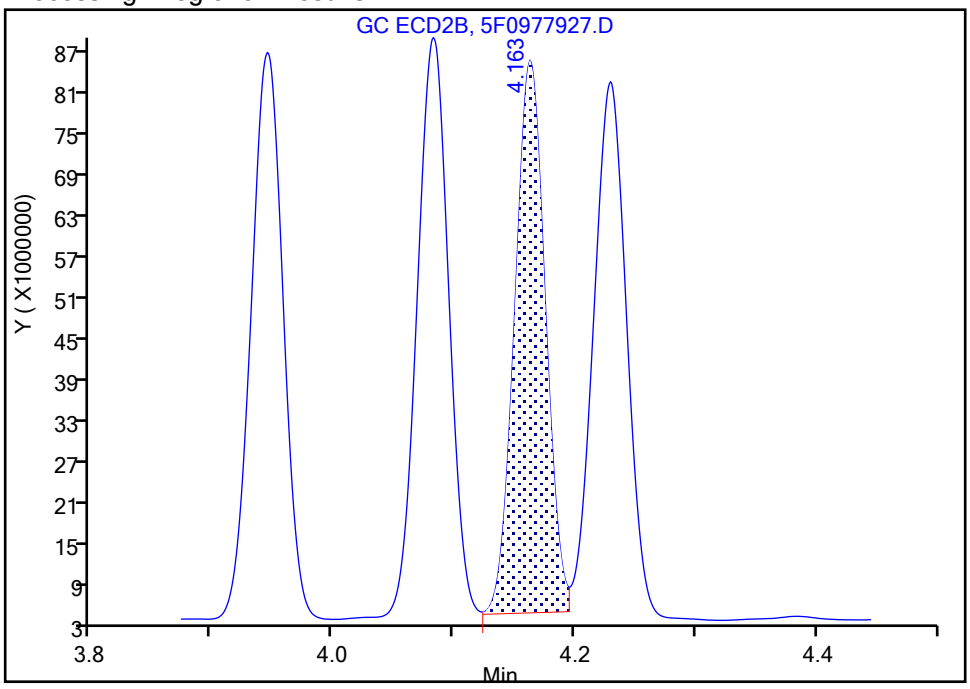
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

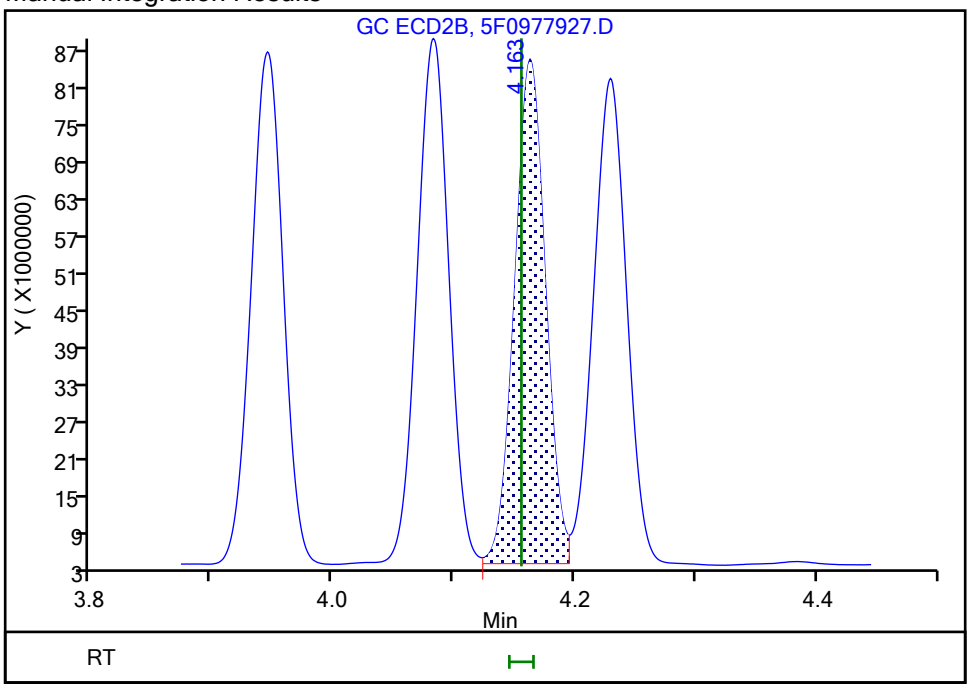
Processing Integration Results

RT: 4.16
Area: 141510975
Amount: 189.3003
Amount Units: ug/l




Manual Integration Results

RT: 4.16
Area: 145777744
Amount: 195.0079
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:29 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

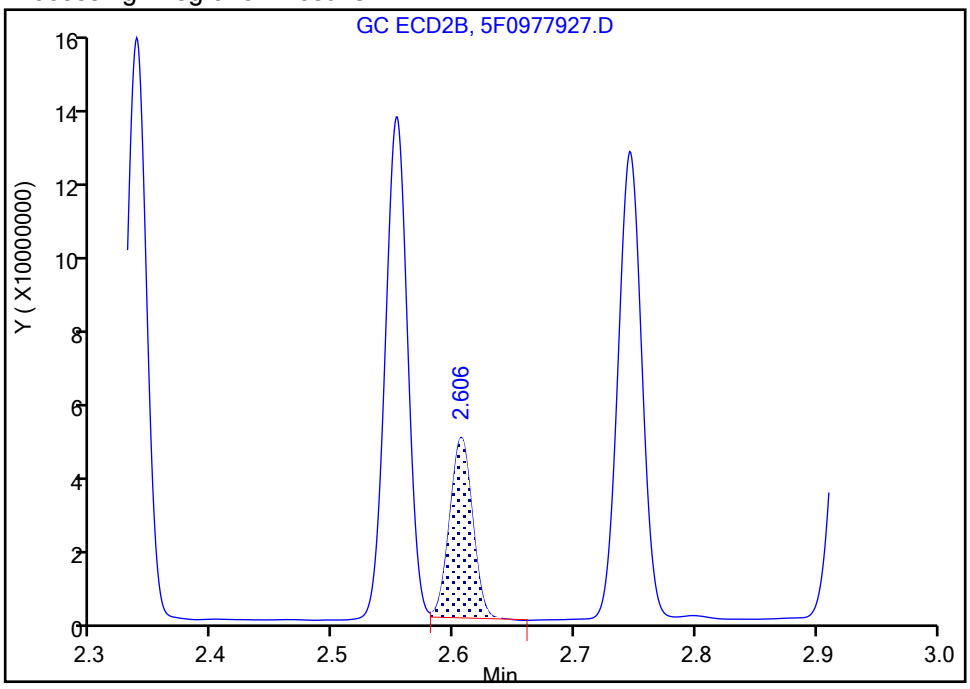
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

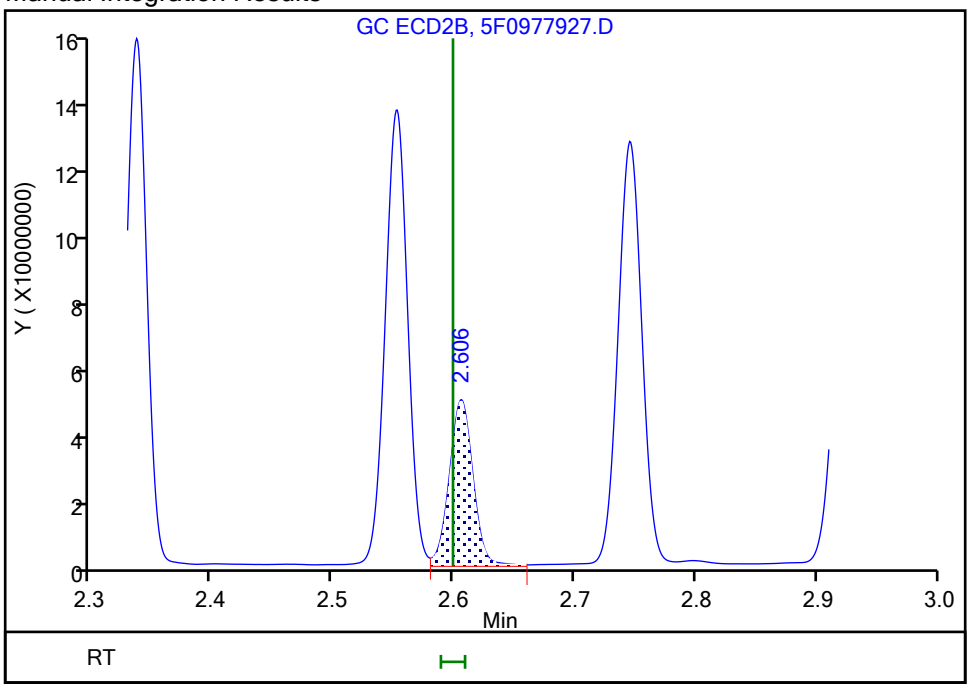
Processing Integration Results

RT: 2.61
Area: 63556575
Amount: 172.5387
Amount Units: ug/l




Manual Integration Results

RT: 2.61
Area: 66185280
Amount: 179.6749
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

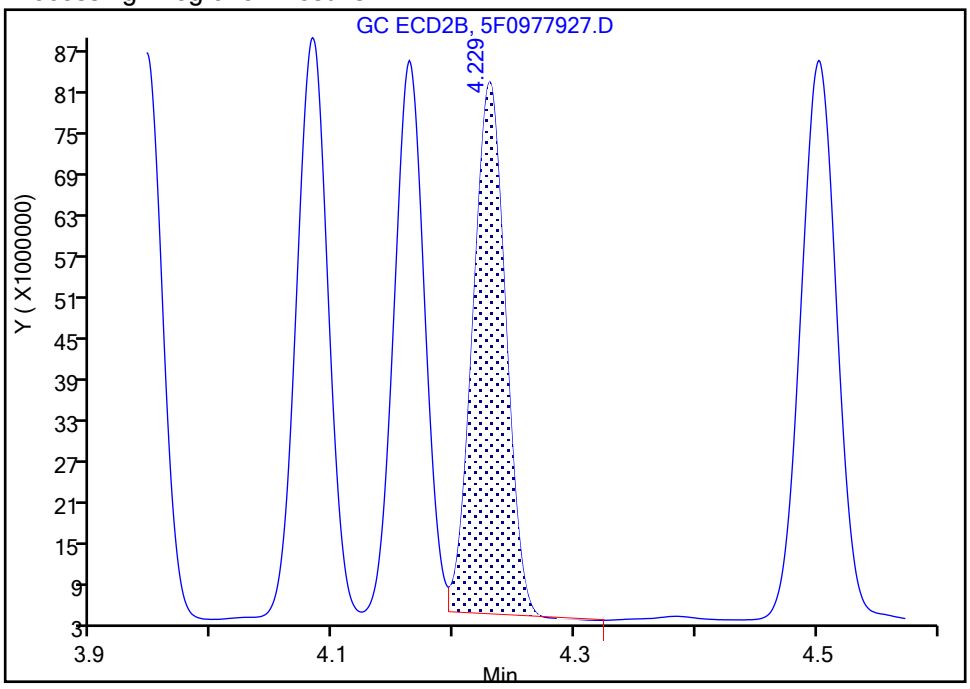
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

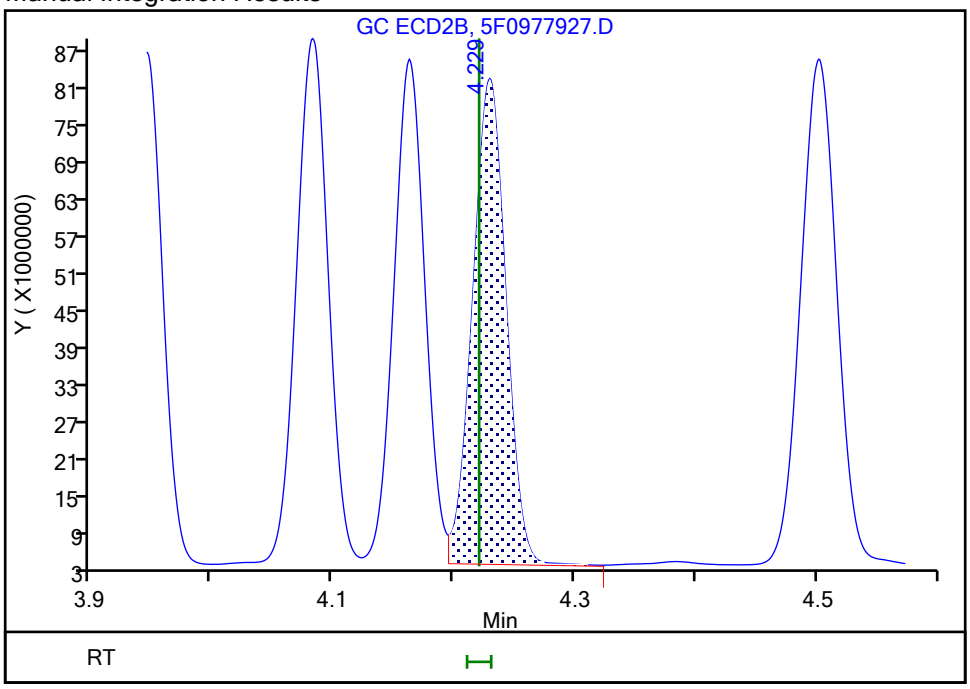
Processing Integration Results

RT: 4.23
Area: 146616243
Amount: 205.8602
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 150411810
Amount: 211.1894
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:29 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

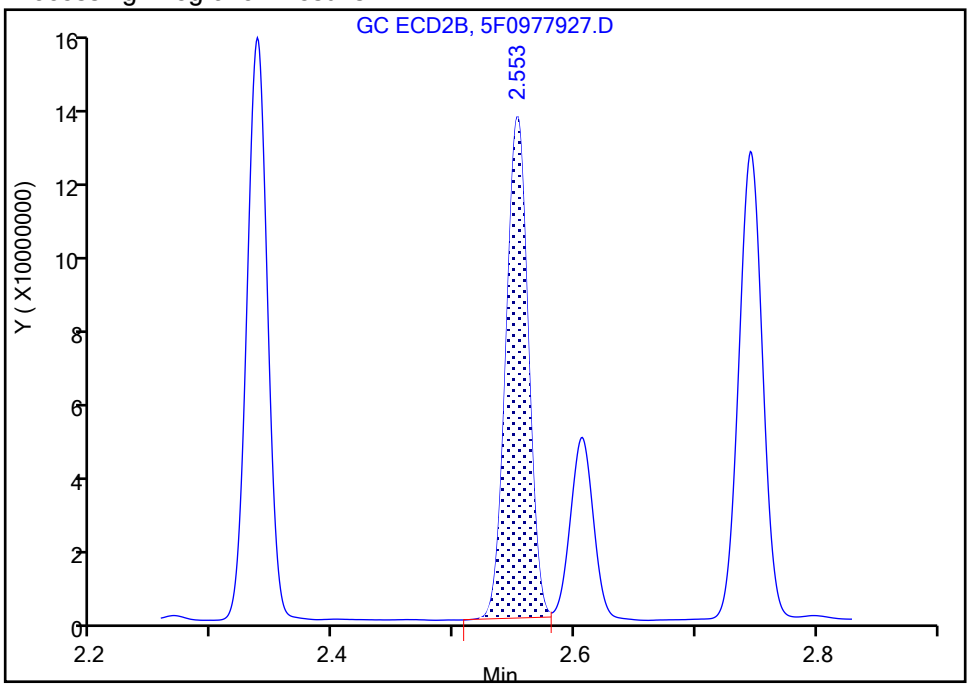
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977927.D
Injection Date: 07-Feb-2025 04:15:33 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-D MS
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

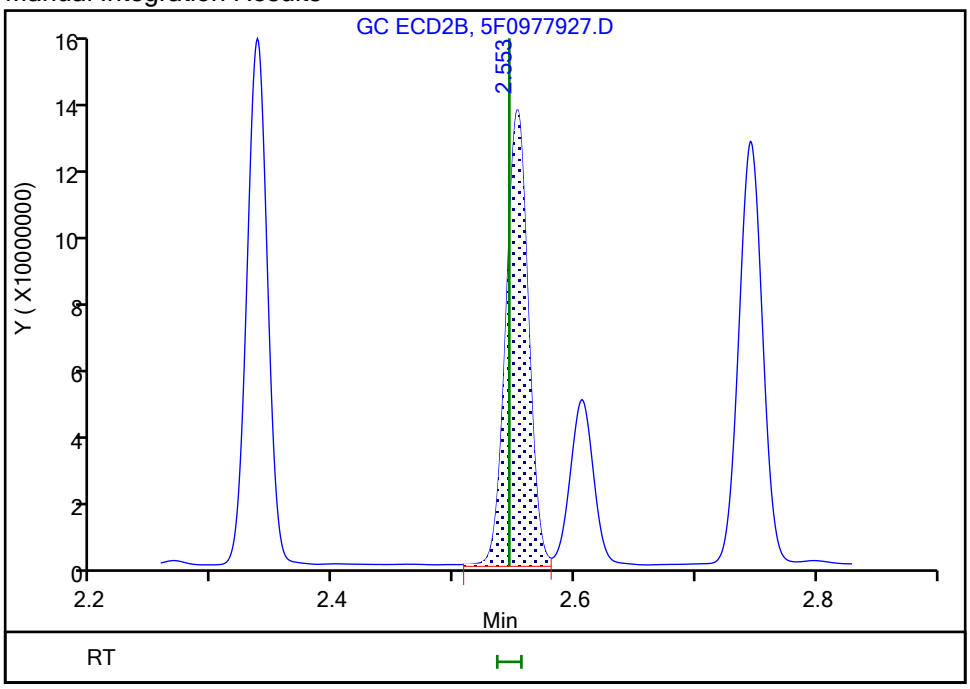
Processing Integration Results

RT: 2.55
Area: 170676135
Amount: 203.6304
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 173331566
Amount: 206.7986
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:26 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-E MSD

Matrix: Solid | Lab File ID: 5F0977928.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 04:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *72-54-8* | *4,4'-DDD* | *0.175* | | *0.0097* | *0.0016* |
| *72-55-9* | *4,4'-DDE* | *0.158* | | *0.0097* | *0.0011* |
| *50-29-3* | *4,4'-DDT* | *0.193* | | *0.0097* | *0.0018* |
| *309-00-2* | *Aldrin* | *0.153* | | *0.0097* | *0.0015* |
| *319-84-6* | *alpha-BHC* | *0.173* | | *0.0029* | *0.00098* |
| *319-85-7* | *beta-BHC* | *0.160* | | *0.0029* | *0.0011* |
| *12789-03-6* | *Chlordane (technical)* | *0.097* | *U* | *0.097* | *0.023* |
| *319-86-8* | *delta-BHC* | *0.170* | | *0.0029* | *0.00059* |
| *60-57-1* | *Dieldrin* | *0.176* | | *0.0029* | *0.0013* |
| *959-98-8* | *Endosulfan I* | *0.176* | | *0.0097* | *0.0015* |
| *33213-65-9* | *Endosulfan II* | *0.164* | | *0.0097* | *0.0025* |
| *1031-07-8* | *Endosulfan sulfate* | *0.178* | | *0.0097* | *0.0012* |
| *72-20-8* | *Endrin* | *0.169* | | *0.0097* | *0.0014* |
| *7421-93-4* | *Endrin aldehyde* | *0.170* | | *0.0097* | *0.0023* |
| *53494-70-5* | *Endrin ketone* | *0.182* | | *0.0097* | *0.0019* |
| *58-89-9* | *gamma-BHC (Lindane)* | *0.183* | | *0.0029* | *0.00090* |
| *76-44-8* | *Heptachlor* | *0.174* | | *0.0097* | *0.0011* |
| *1024-57-3* | *Heptachlor epoxide* | *0.167* | | *0.0097* | *0.0014* |
| *72-43-5* | *Methoxychlor* | *0.201* | | *0.0097* | *0.0022* |
| *8001-35-2* | *Toxaphene* | *0.097* | *U* | *0.097* | *0.035* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 90 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 72 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Lims ID: 160-57053-E-2-E MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 04:28:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-011
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:03

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.510 | 0.002 | 32055076 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.612 | 0.002 | 56428104 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.020 | 2.016 | 0.004 | 12342634 | 50.0 | 36.0 | |
| 2 | 2.001 | 1.996 | 0.005 | 25826143 | 50.0 | 37.7 | |
| | | | | | | RPD = 4.65 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.446 | 2.441 | 0.005 | 97306287 | 200.0 | 179.3 | |
| 2 | 2.336 | 2.331 | 0.005 | 194144680 | 200.0 | 189.1 | |
| | | | | | | RPD = 5.29 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.741 | 2.735 | 0.006 | 95130892 | 200.0 | 189.7 | M |
| 2 | 2.551 | 2.546 | 0.005 | 183749979 | 200.0 | 193.9 | M |
| | | | | | | RPD = 2.17 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.801 | 2.794 | 0.007 | 35558520 | 200.0 | 165.6 | M |
| 2 | 2.605 | 2.599 | 0.006 | 69868105 | 200.0 | 167.7 | M |
| | | | | | | RPD = 1.26 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 32 delta-BHC | | | | | | | M |
| 1 | 3.096 | 3.089 | 0.007 | 90391966 | 200.0 | 176.5 | M |
| 2 | 2.745 | 2.739 | 0.006 | 183190688 | 200.0 | 191.6 | |
| | | | | | | RPD = 8.20 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.170 | 3.163 | 0.007 | 91095812 | 200.0 | 180.5 | M |
| 2 | 2.926 | 2.919 | 0.007 | 185654945 | 200.0 | 185.5 | |
| | | | | | | RPD = 2.74 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.541 | 3.533 | 0.008 | 78575536 | 200.0 | 158.6 | |
| 2 | 3.194 | 3.186 | 0.008 | 179031893 | 200.0 | 180.4 | |
| | | | | | | RPD = 12.89 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.210 | 4.201 | 0.009 | 74970760 | 200.0 | 173.6 | |
| 2 | 3.812 | 3.804 | 0.008 | 165957578 | 200.0 | 185.2 | |
| | | | | | | RPD = 6.44 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.438 | 4.429 | 0.009 | 73054212 | 200.0 | 165.3 | M |
| 2 | 3.946 | 3.936 | 0.010 | 161927104 | 200.0 | 177.4 | |
| | | | | | | RPD = 7.08 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.627 | 4.619 | 0.008 | 74359371 | 200.0 | 175.6 | M |
| 2 | 4.083 | 4.074 | 0.009 | 166261571 | 200.0 | 192.4 | M |
| | | | | | | RPD = 9.14 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.699 | 4.691 | 0.008 | 74150735 | 200.0 | 182.1 | M |
| 2 | 4.229 | 4.221 | 0.008 | 160427978 | 200.0 | 199.2 | M |
| | | | | | | RPD = 8.99 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.821 | 0.005 | 72119507 | 200.0 | 163.5 | |
| 2 | 4.163 | 4.156 | 0.007 | 156159120 | 200.0 | 184.7 | M |
| | | | | | | RPD = 12.18 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.987 | 4.981 | 0.006 | 86238998 | 200.0 | 182.4 | |
| 2 | 4.503 | 4.492 | 0.011 | 180419849 | 200.0 | 198.0 | |
| | | | | | | RPD = 8.23 | |
| 20 Endrin | | | | | | | |
| 1 | 5.271 | 5.265 | 0.006 | 77109488 | 200.0 | 175.7 | |
| 2 | 4.765 | 4.756 | 0.009 | 160201976 | 200.0 | 192.2 | |
| | | | | | | RPD = 9.00 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.381 | 5.378 | 0.003 | 78070692 | 200.0 | 181.0 | |
| 2 | 4.841 | 4.833 | 0.008 | 138528607 | 200.0 | 195.3 | |
| | | | | | | RPD = 7.58 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.457 | 5.452 | 0.005 | 75574964 | 200.0 | 169.6 | |
| 2 | 4.978 | 4.970 | 0.008 | 148318663 | 200.0 | 209.7 | |
| | | | | | | RPD = 21.10 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.657 | 0.004 | 69911868 | 200.0 | 200.4 | M |
| 2 | 5.101 | 5.095 | 0.006 | 157715552 | 200.0 | 219.9 | |
| | | | | | | RPD = 9.24 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.756 | 5.751 | 0.005 | 62957375 | 200.0 | 176.2 | M |
| 2 | 5.336 | 5.331 | 0.005 | 114457461 | 200.0 | 189.5 | |
| | | | | | | RPD = 7.26 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 84822911 | 200.0 | 185.0 | |
| 2 | 5.694 | 5.689 | 0.005 | 144882877 | 200.0 | 186.6 | |
| | | | | | | RPD = 0.85 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.460 | 6.457 | 0.003 | 35098127 | 200.0 | 208.6 | |
| 2 | 5.530 | 5.526 | 0.004 | 84942887 | 200.0 | 225.6 | |
| | | | | | | RPD = 7.83 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.578 | 6.574 | 0.004 | 59894932 | 200.0 | 164.3 | M |
| 2 | 5.598 | 5.593 | 0.005 | 107115293 | 200.0 | 176.3 | |
| | | | | | | RPD = 7.04 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.670 | 6.666 | 0.004 | 98214590 | 200.0 | 188.2 | M |
| 2 | 5.921 | 5.916 | 0.005 | 169372701 | 200.0 | 196.5 | |
| | | | | | | RPD = 4.30 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 23390128 | 50.0 | 44.8 | |
| 2 | 7.311 | 7.308 | 0.003 | 39194176 | 50.0 | 47.2 | |
| | | | | | | RPD = 5.06 | |
| 36 Dechlorane Plus | | | | | | | |
| 1 | 1.284 | 1.298 | -0.014 | 254979 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

## Reagents:

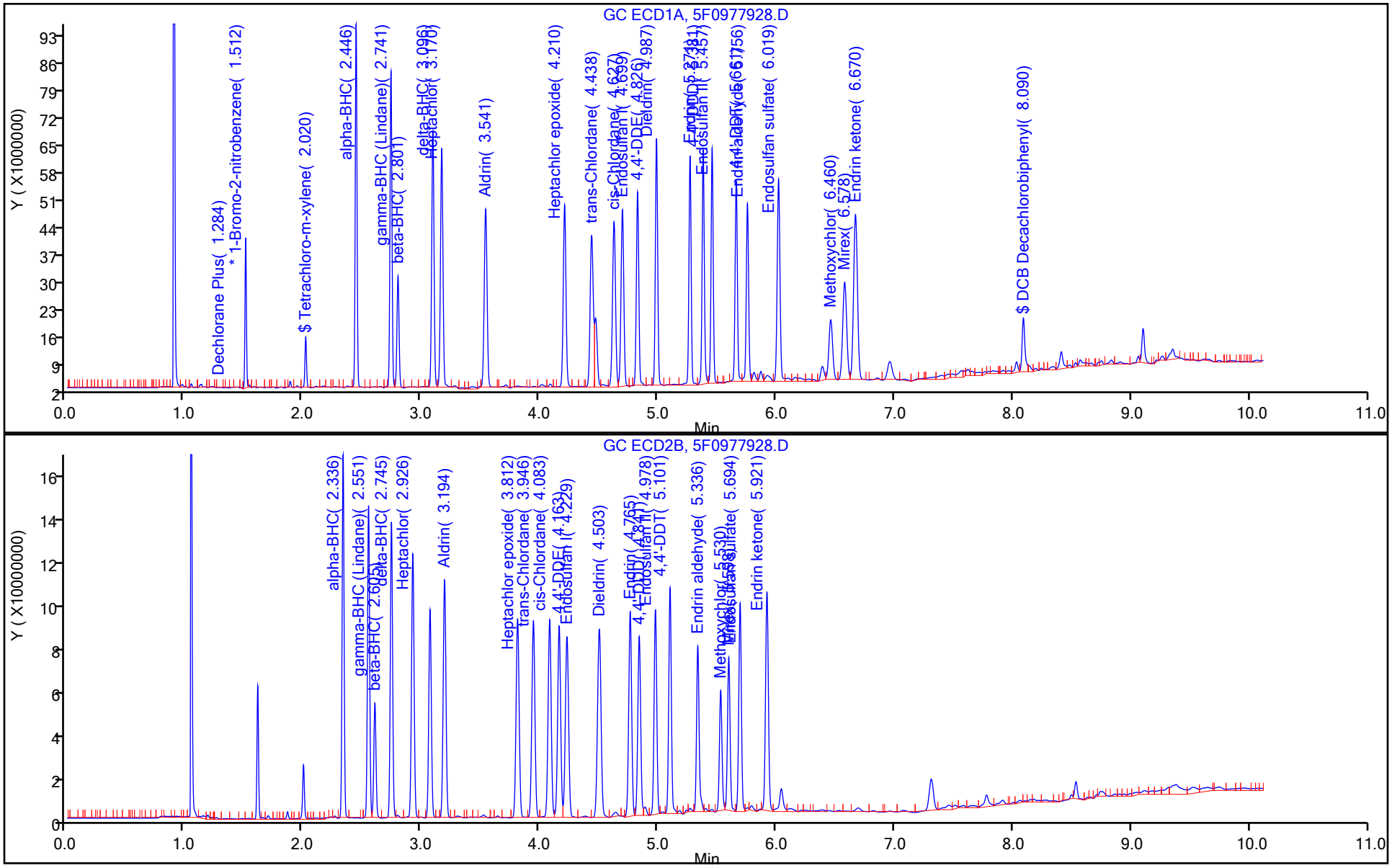
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 04:28:38 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | 160-57053-E-2-E MSD | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Lims ID: 160-57053-E-2-E MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 04:28:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-011
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:03

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.0 | 72.00 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 44.8 | 89.67 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 37.7 | 75.43 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 47.2 | 94.33 |

Manual Integration/User Assign Peak Report

Eurofins Edison

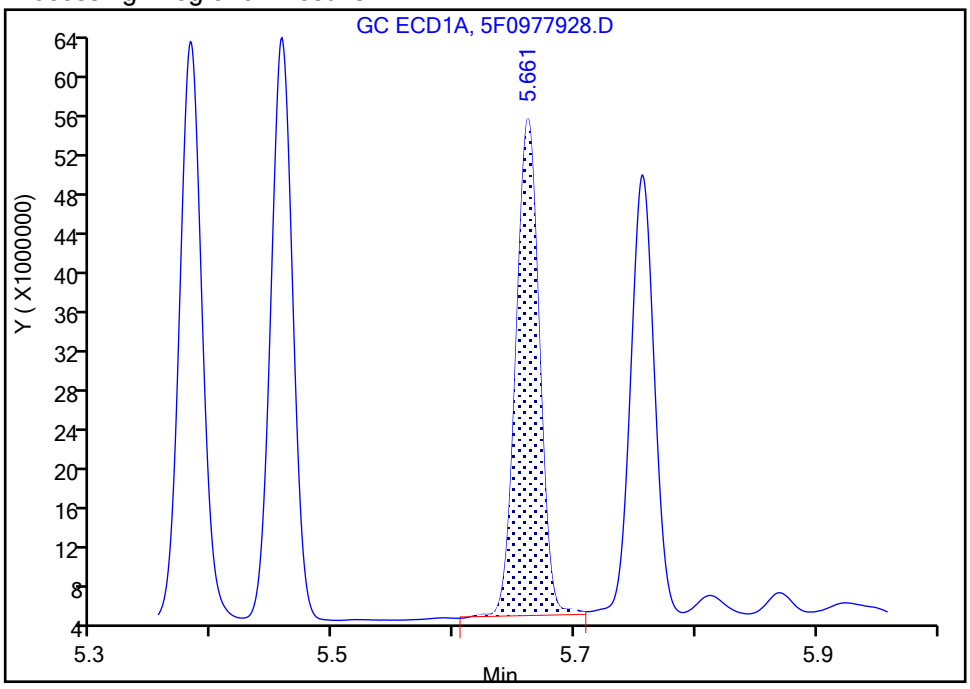
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 21 4,4'-DDT, CAS: 50-29-3

Signal: 1

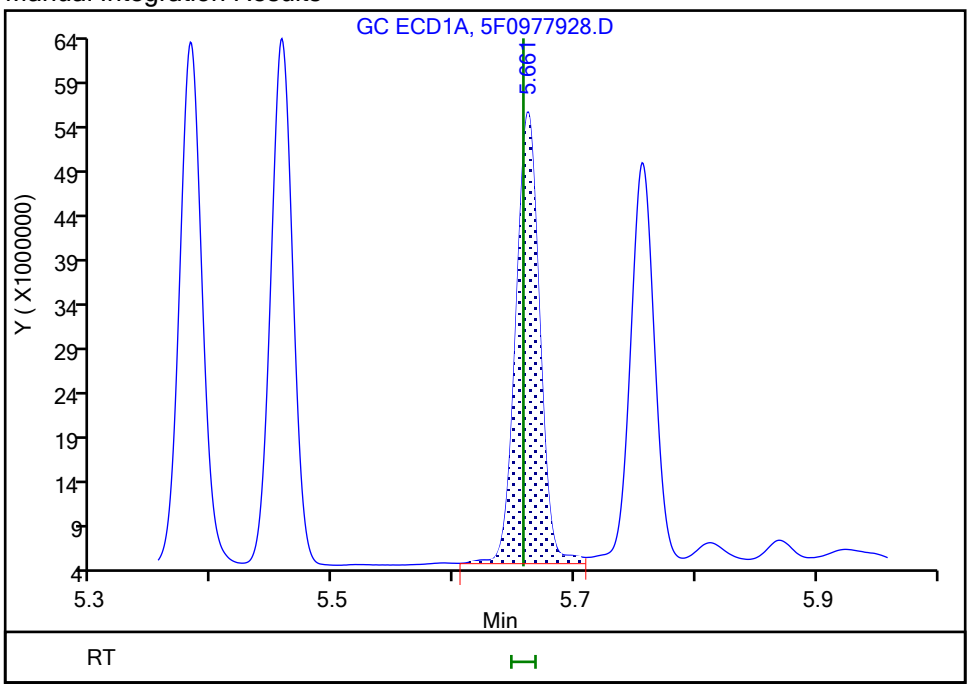
Processing Integration Results

RT: 5.66
Area: 68934709
Amount: 197.6329
Amount Units: ug/l




Manual Integration Results

RT: 5.66
Area: 69911868
Amount: 200.4344
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:48 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

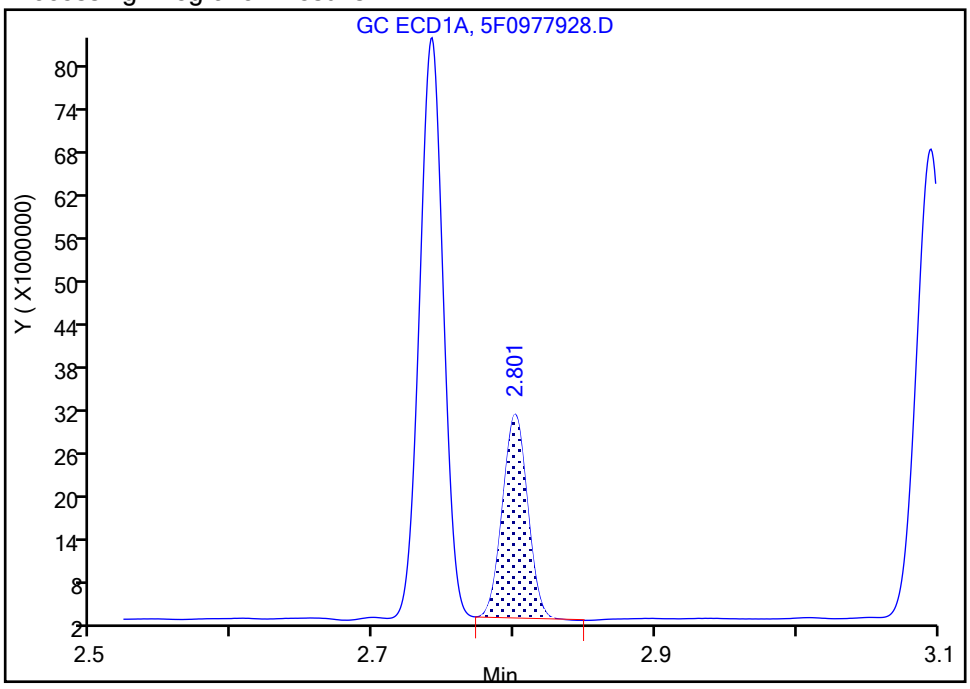
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 6 beta-BHC, CAS: 319-85-7

Signal: 1

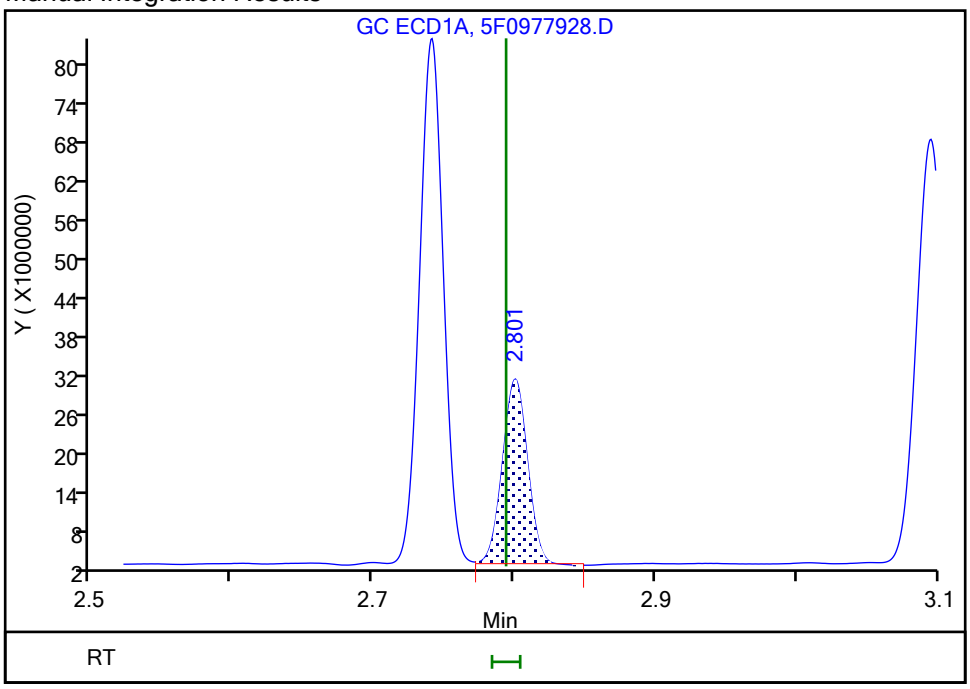
Processing Integration Results

RT: 2.80
Area: 34922463
Amount: 162.6765
Amount Units: ug/l




Manual Integration Results

RT: 2.80
Area: 35558520
Amount: 165.6394
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

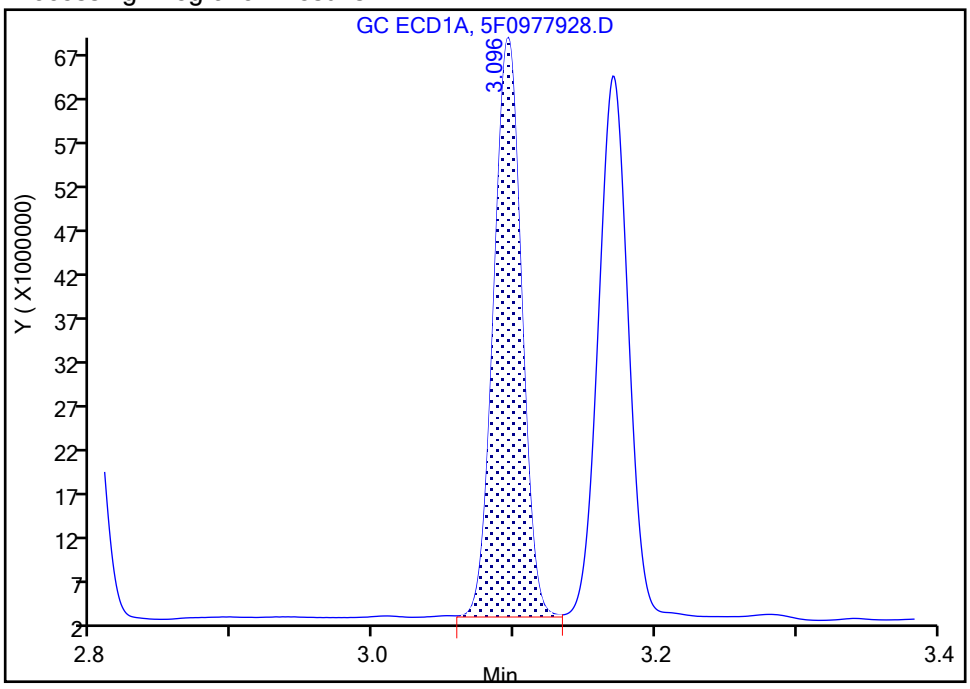
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 32 delta-BHC, CAS: 319-86-8

Signal: 1

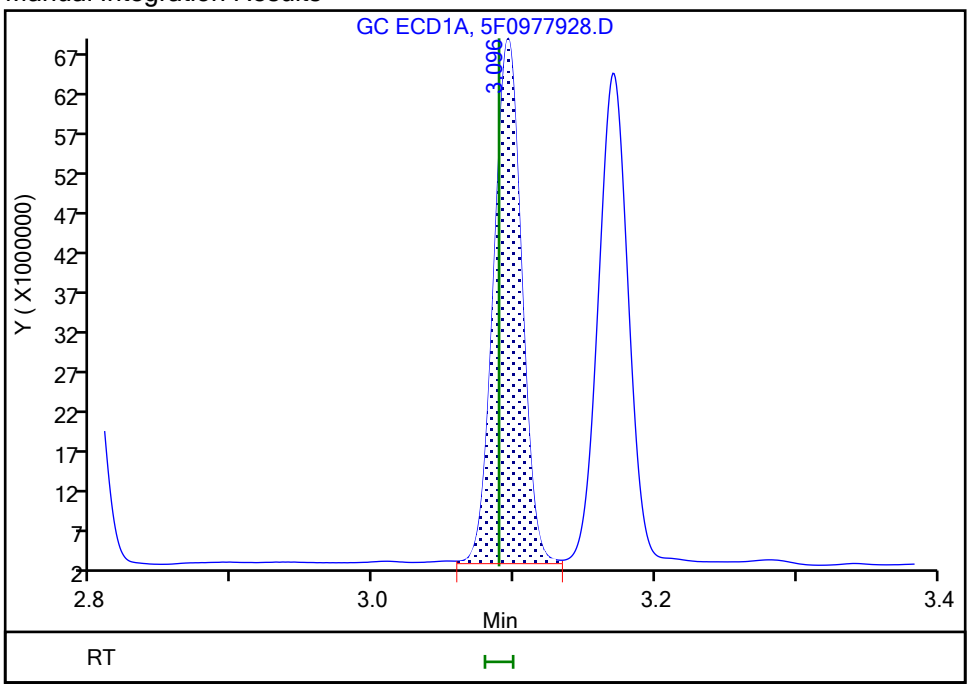
Processing Integration Results

RT: 3.10
Area: 88973881
Amount: 173.6964
Amount Units: ug/l




Manual Integration Results

RT: 3.10
Area: 90391966
Amount: 176.4648
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

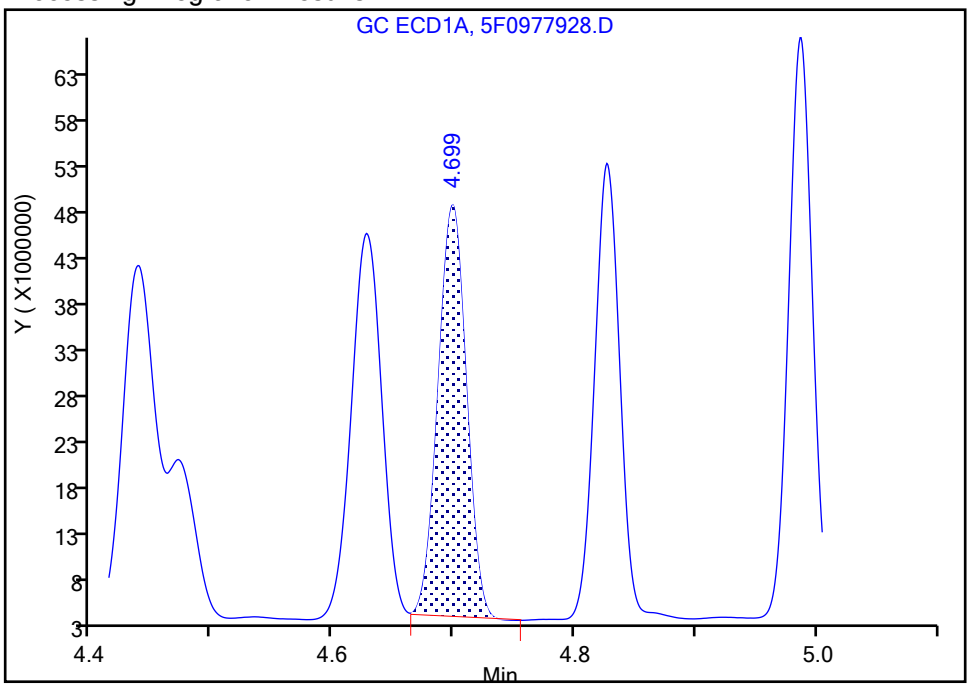
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 7 Endosulfan I, CAS: 959-98-8

Signal: 1

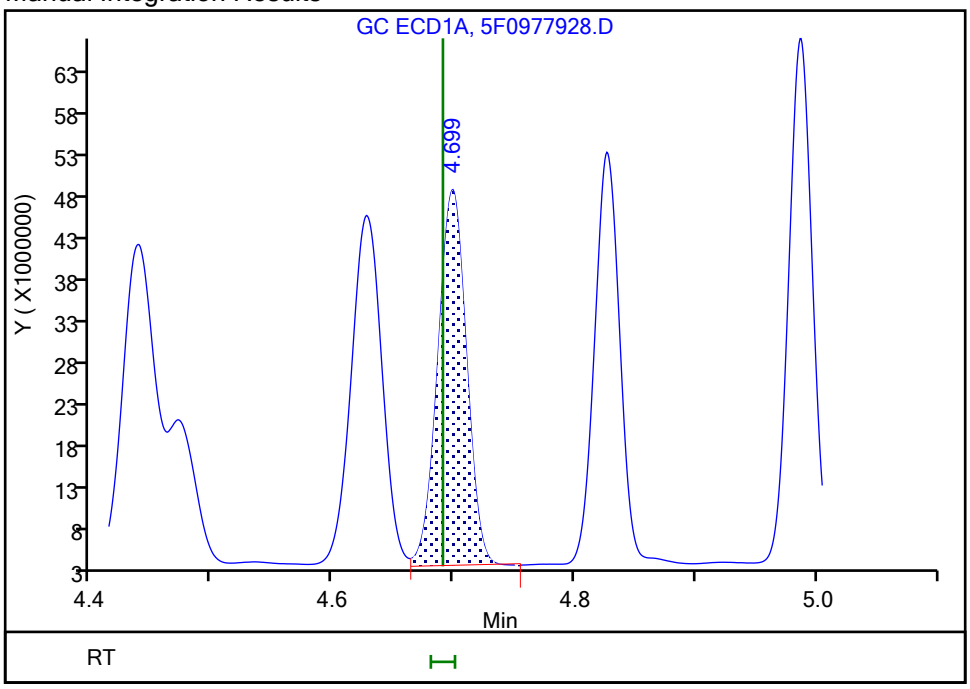
Processing Integration Results

RT: 4.70
Area: 72556441
Amount: 178.1546
Amount Units: ug/l




Manual Integration Results

RT: 4.70
Area: 74150735
Amount: 182.0693
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:47 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

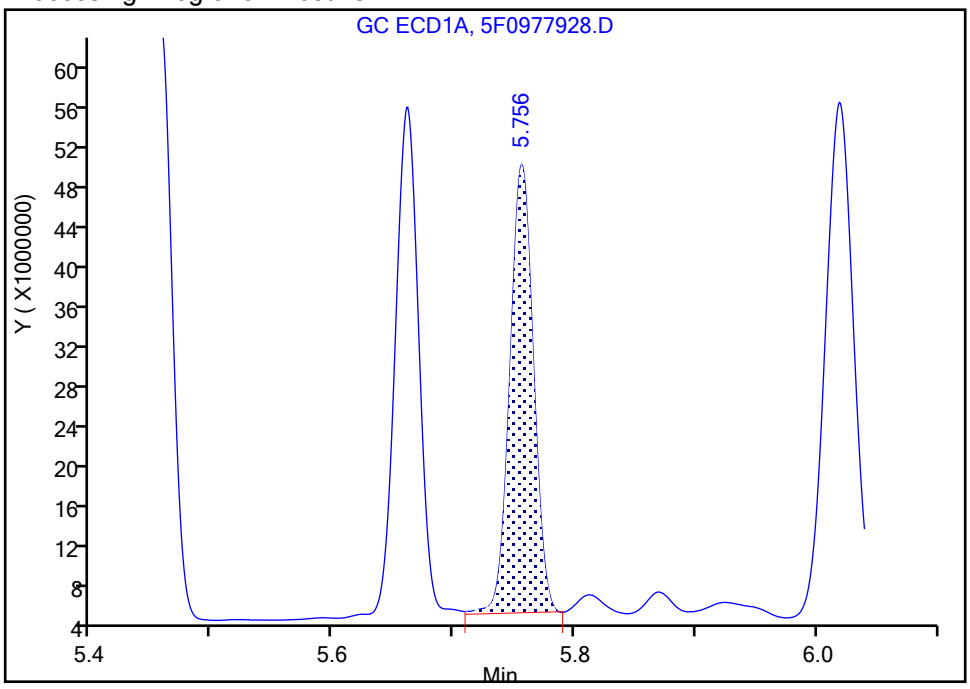
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 5 Endrin aldehyde, CAS: 7421-93-4

Signal: 1

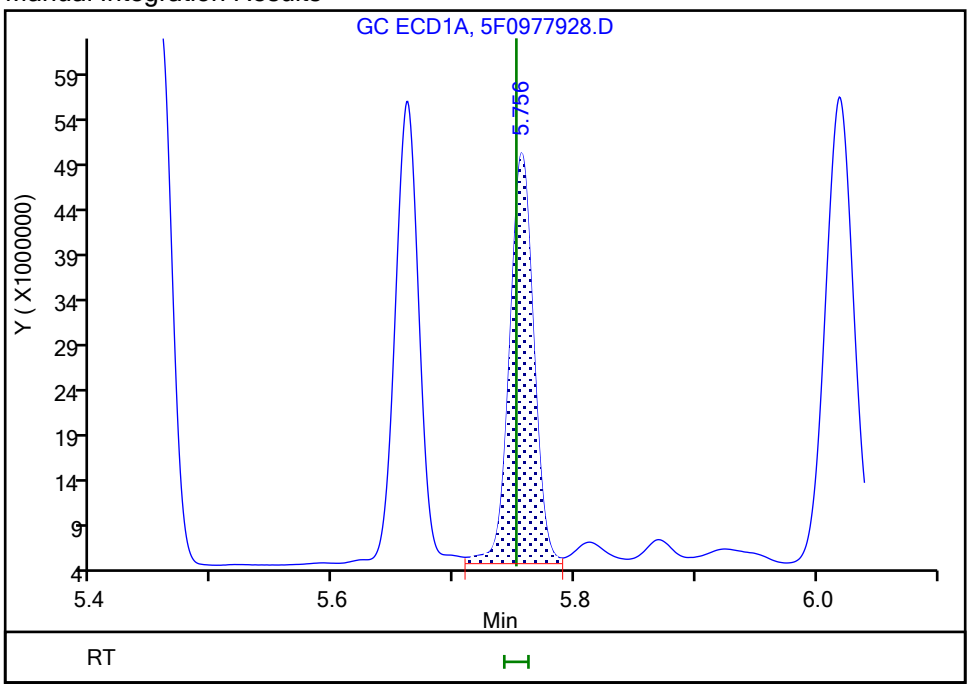
Processing Integration Results

RT: 5.76
Area: 60882649
Amount: 170.3817
Amount Units: ug/l




Manual Integration Results

RT: 5.76
Area: 62957375
Amount: 176.1879
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:48 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

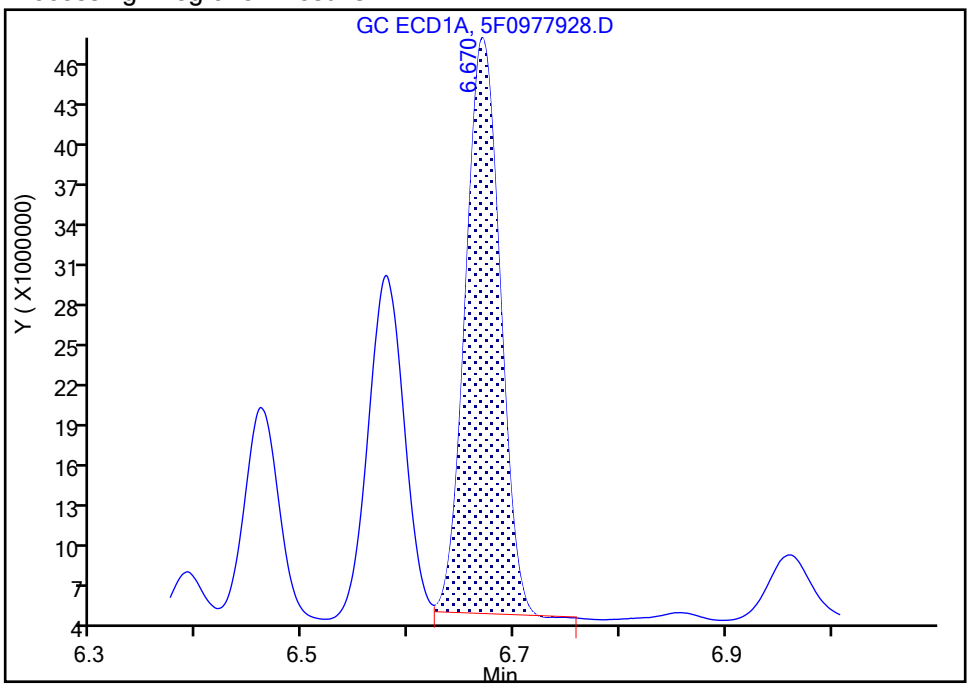
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 13 Endrin ketone, CAS: 53494-70-5

Signal: 1

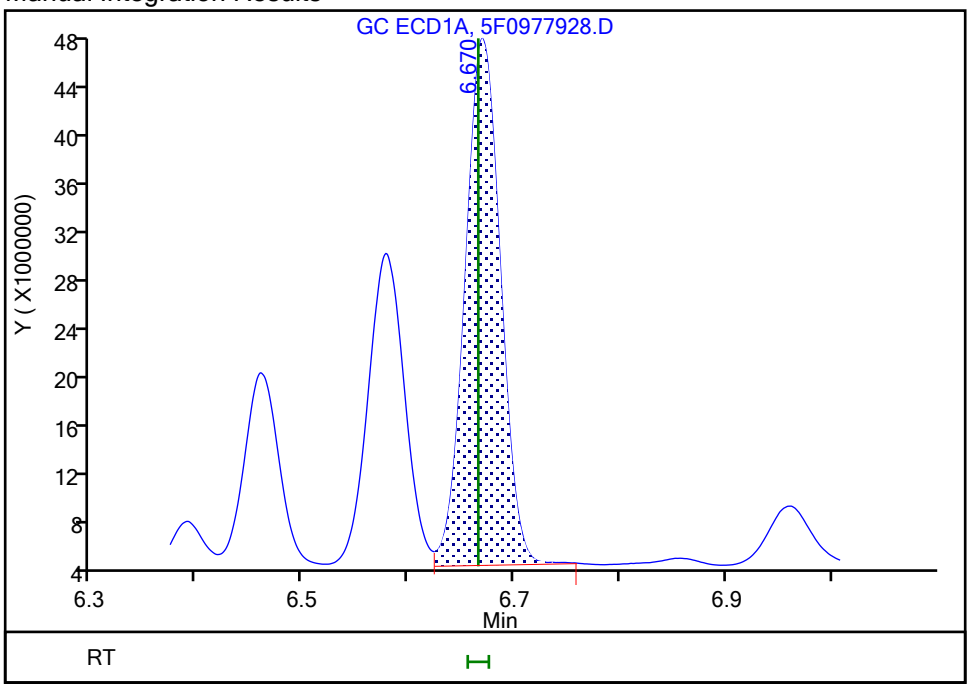
Processing Integration Results

RT: 6.67
Area: 95502113
Amount: 183.0173
Amount Units: ug/l




Manual Integration Results

RT: 6.67
Area: 98214590
Amount: 188.2154
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:50 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

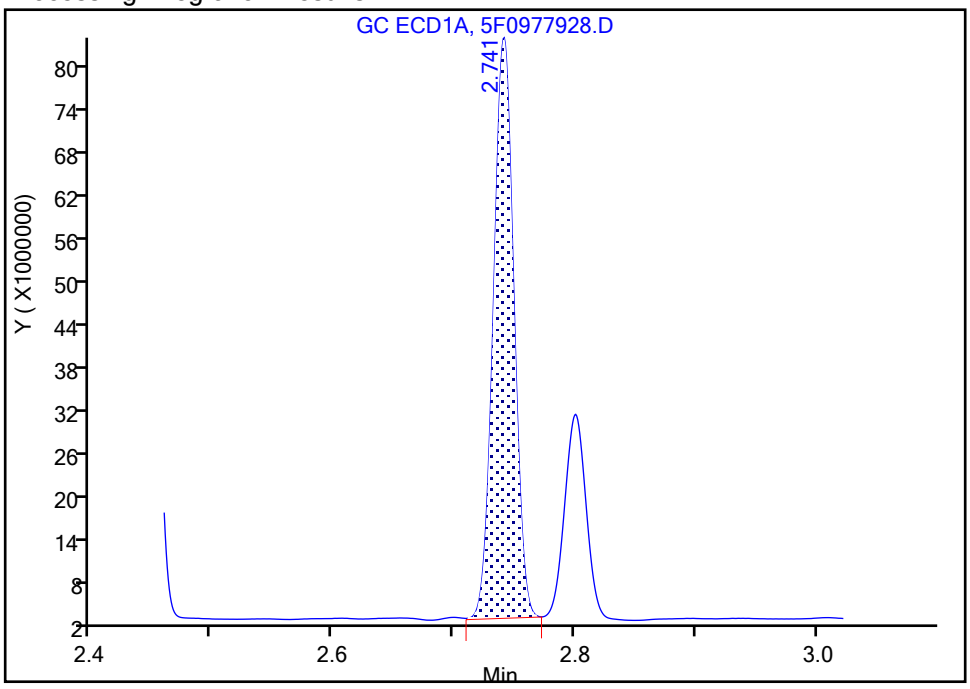
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 1

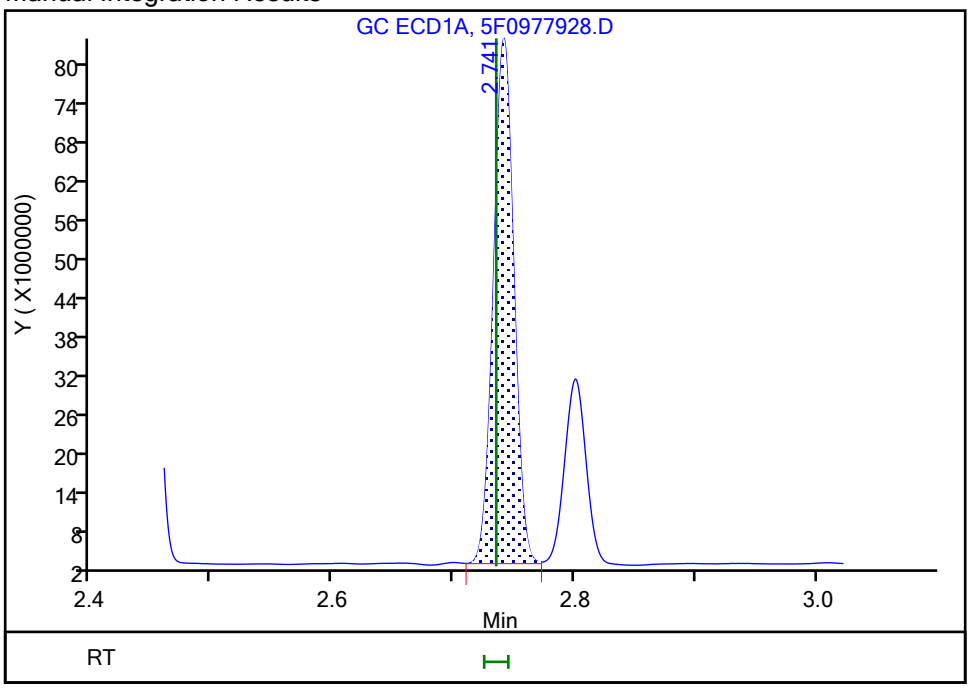
Processing Integration Results

RT: 2.74
Area: 94102357
Amount: 187.6745
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 95130892
Amount: 189.7258
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

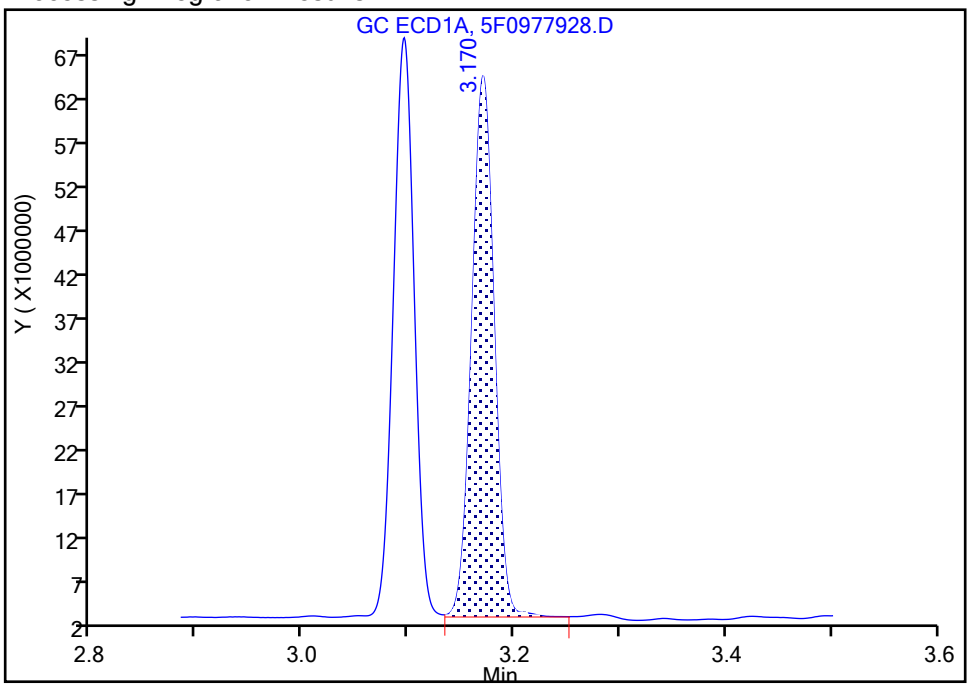
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD1A

## 18 Heptachlor, CAS: 76-44-8

Signal: 1

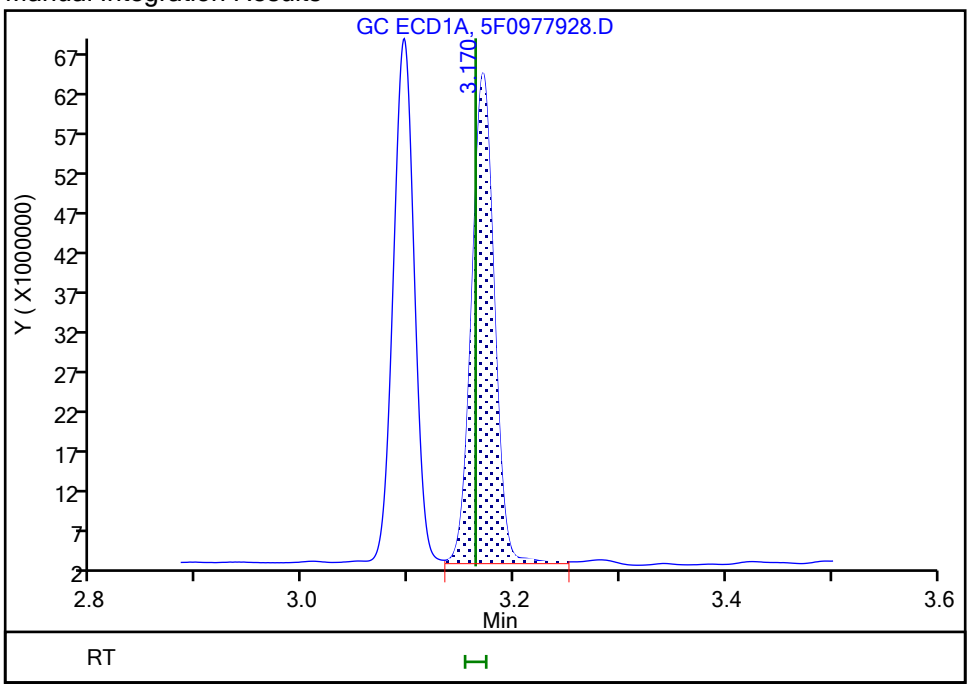
Processing Integration Results

RT: 3.17
Area: 88940739
Amount: 176.2016
Amount Units: ug/l




Manual Integration Results

RT: 3.17
Area: 91095812
Amount: 180.4710
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:43 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-E MSD

Matrix: Solid | Lab File ID: 5F0977928.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:57

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 04:28

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020038 | Units: mg/Kg

Preparation Batch No.: 1019984 | Instrument ID: CPESTGC5

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 72-54-8 | 4,4'-DDD | 0.188 | | 0.0097 | 0.0016 |
| 72-55-9 | 4,4'-DDE | 0.178 | | 0.0097 | 0.0011 |
| 50-29-3 | 4,4'-DDT | 0.212 | | 0.0097 | 0.0018 |
| 309-00-2 | Aldrin | 0.174 | | 0.0097 | 0.0015 |
| 319-84-6 | alpha-BHC | 0.182 | | 0.0029 | 0.00098 |
| 319-85-7 | beta-BHC | 0.162 | | 0.0029 | 0.0011 |
| 12789-03-6 | Chlordane (technical) | 0.097 | U | 0.097 | 0.023 |
| 319-86-8 | delta-BHC | 0.185 | | 0.0029 | 0.00059 |
| 60-57-1 | Dieldrin | 0.191 | | 0.0029 | 0.0013 |
| 959-98-8 | Endosulfan I | 0.192 | | 0.0097 | 0.0015 |
| 33213-65-9 | Endosulfan II | 0.202 | | 0.0097 | 0.0025 |
| 1031-07-8 | Endosulfan sulfate | 0.180 | | 0.0097 | 0.0012 |
| 72-20-8 | Endrin | 0.185 | | 0.0097 | 0.0014 |
| 7421-93-4 | Endrin aldehyde | 0.183 | | 0.0097 | 0.0023 |
| 53494-70-5 | Endrin ketone | 0.189 | | 0.0097 | 0.0019 |
| 58-89-9 | gamma-BHC (Lindane) | 0.187 | | 0.0029 | 0.00090 |
| 76-44-8 | Heptachlor | 0.179 | | 0.0097 | 0.0011 |
| 1024-57-3 | Heptachlor epoxide | 0.179 | | 0.0097 | 0.0014 |
| 72-43-5 | Methoxychlor | 0.218 | | 0.0097 | 0.0022 |
| 8001-35-2 | Toxaphene | 0.097 | U | 0.097 | 0.035 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 94 | | 17-150 |
| 877-09-8 | Tetrachloro-m-xylene | 75 | | 21-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Lims ID: 160-57053-E-2-E MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 04:28:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-011
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:03

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 37 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 1.512 | 1.510 | 0.002 | 32055076 | 100.0 | 100.0 | |
| 2 | 1.614 | 1.612 | 0.002 | 56428104 | 100.0 | 100.0 | |
| | | | | | | RPD = 0.00 | |
| $ 4 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.020 | 2.016 | 0.004 | 12342634 | 50.0 | 36.0 | |
| 2 | 2.001 | 1.996 | 0.005 | 25826143 | 50.0 | 37.7 | |
| | | | | | | RPD = 4.65 | |
| 15 alpha-BHC | | | | | | | |
| 1 | 2.446 | 2.441 | 0.005 | 97306287 | 200.0 | 179.3 | |
| 2 | 2.336 | 2.331 | 0.005 | 194144680 | 200.0 | 189.1 | |
| | | | | | | RPD = 5.29 | |
| 2 gamma-BHC (Lindane) | | | | | | | M |
| 1 | 2.741 | 2.735 | 0.006 | 95130892 | 200.0 | 189.7 | M |
| 2 | 2.551 | 2.546 | 0.005 | 183749979 | 200.0 | 193.9 | M |
| | | | | | | RPD = 2.17 | |
| 6 beta-BHC | | | | | | | M |
| 1 | 2.801 | 2.794 | 0.007 | 35558520 | 200.0 | 165.6 | M |
| 2 | 2.605 | 2.599 | 0.006 | 69868105 | 200.0 | 167.7 | M |
| | | | | | | RPD = 1.26 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 32 delta-BHC | | | | | | | M |
| 1 | 3.096 | 3.089 | 0.007 | 90391966 | 200.0 | 176.5 | M |
| 2 | 2.745 | 2.739 | 0.006 | 183190688 | 200.0 | 191.6 | |
| | | | | | | RPD = 8.20 | |
| 18 Heptachlor | | | | | | | M |
| 1 | 3.170 | 3.163 | 0.007 | 91095812 | 200.0 | 180.5 | M |
| 2 | 2.926 | 2.919 | 0.007 | 185654945 | 200.0 | 185.5 | |
| | | | | | | RPD = 2.74 | |
| 8 Aldrin | | | | | | | |
| 1 | 3.541 | 3.533 | 0.008 | 78575536 | 200.0 | 158.6 | |
| 2 | 3.194 | 3.186 | 0.008 | 179031893 | 200.0 | 180.4 | |
| | | | | | | RPD = 12.89 | |
| 12 Heptachlor epoxide | | | | | | | |
| 1 | 4.210 | 4.201 | 0.009 | 74970760 | 200.0 | 173.6 | |
| 2 | 3.812 | 3.804 | 0.008 | 165957578 | 200.0 | 185.2 | |
| | | | | | | RPD = 6.44 | |
| 9 trans-Chlordane | | | | | | | M |
| 1 | 4.438 | 4.429 | 0.009 | 73054212 | 200.0 | 165.3 | M |
| 2 | 3.946 | 3.936 | 0.010 | 161927104 | 200.0 | 177.4 | |
| | | | | | | RPD = 7.08 | |
| 23 cis-Chlordane | | | | | | | M |
| 1 | 4.627 | 4.619 | 0.008 | 74359371 | 200.0 | 175.6 | M |
| 2 | 4.083 | 4.074 | 0.009 | 166261571 | 200.0 | 192.4 | M |
| | | | | | | RPD = 9.14 | |
| 7 Endosulfan I | | | | | | | M |
| 1 | 4.699 | 4.691 | 0.008 | 74150735 | 200.0 | 182.1 | M |
| 2 | 4.229 | 4.221 | 0.008 | 160427978 | 200.0 | 199.2 | M |
| | | | | | | RPD = 8.99 | |
| 25 4,4'-DDE | | | | | | | M |
| 1 | 4.826 | 4.821 | 0.005 | 72119507 | 200.0 | 163.5 | |
| 2 | 4.163 | 4.156 | 0.007 | 156159120 | 200.0 | 184.7 | M |
| | | | | | | RPD = 12.18 | |
| 30 Dieldrin | | | | | | | |
| 1 | 4.987 | 4.981 | 0.006 | 86238998 | 200.0 | 182.4 | |
| 2 | 4.503 | 4.492 | 0.011 | 180419849 | 200.0 | 198.0 | |
| | | | | | | RPD = 8.23 | |
| 20 Endrin | | | | | | | |
| 1 | 5.271 | 5.265 | 0.006 | 77109488 | 200.0 | 175.7 | |
| 2 | 4.765 | 4.756 | 0.009 | 160201976 | 200.0 | 192.2 | |
| | | | | | | RPD = 9.00 | |
| 16 4,4'-DDD | | | | | | | |
| 1 | 5.381 | 5.378 | 0.003 | 78070692 | 200.0 | 181.0 | |
| 2 | 4.841 | 4.833 | 0.008 | 138528607 | 200.0 | 195.3 | |
| | | | | | | RPD = 7.58 | |
| 11 Endosulfan II | | | | | | | |
| 1 | 5.457 | 5.452 | 0.005 | 75574964 | 200.0 | 169.6 | |
| 2 | 4.978 | 4.970 | 0.008 | 148318663 | 200.0 | 209.7 | |
| | | | | | | RPD = 21.10 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 21 4,4'-DDT | | | | | | | M |
| 1 | 5.661 | 5.657 | 0.004 | 69911868 | 200.0 | 200.4 | M |
| 2 | 5.101 | 5.095 | 0.006 | 157715552 | 200.0 | 219.9 | |
| | | | | | | RPD = 9.24 | |
| 5 Endrin aldehyde | | | | | | | M |
| 1 | 5.756 | 5.751 | 0.005 | 62957375 | 200.0 | 176.2 | M |
| 2 | 5.336 | 5.331 | 0.005 | 114457461 | 200.0 | 189.5 | |
| | | | | | | RPD = 7.26 | |
| 3 Endosulfan sulfate | | | | | | | |
| 1 | 6.019 | 6.016 | 0.003 | 84822911 | 200.0 | 185.0 | |
| 2 | 5.694 | 5.689 | 0.005 | 144882877 | 200.0 | 186.6 | |
| | | | | | | RPD = 0.85 | |
| 10 Methoxychlor | | | | | | | |
| 1 | 6.460 | 6.457 | 0.003 | 35098127 | 200.0 | 208.6 | |
| 2 | 5.530 | 5.526 | 0.004 | 84942887 | 200.0 | 225.6 | |
| | | | | | | RPD = 7.83 | |
| 34 Mirex | | | | | | | M |
| 1 | 6.578 | 6.574 | 0.004 | 59894932 | 200.0 | 164.3 | M |
| 2 | 5.598 | 5.593 | 0.005 | 107115293 | 200.0 | 176.3 | |
| | | | | | | RPD = 7.04 | |
| 13 Endrin ketone | | | | | | | M |
| 1 | 6.670 | 6.666 | 0.004 | 98214590 | 200.0 | 188.2 | M |
| 2 | 5.921 | 5.916 | 0.005 | 169372701 | 200.0 | 196.5 | |
| | | | | | | RPD = 4.30 | |
| $ 24 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 8.090 | 8.090 | 0.000 | 23390128 | 50.0 | 44.8 | |
| 2 | 7.311 | 7.308 | 0.003 | 39194176 | 50.0 | 47.2 | |
| | | | | | | RPD = 5.06 | |
| 36 Dechlorane Plus | | | | | | | |
| 1 | 1.284 | 1.298 | -0.014 | 254979 | | NR | |

## QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Review Flags

M - Manually Integrated

## Reagents:

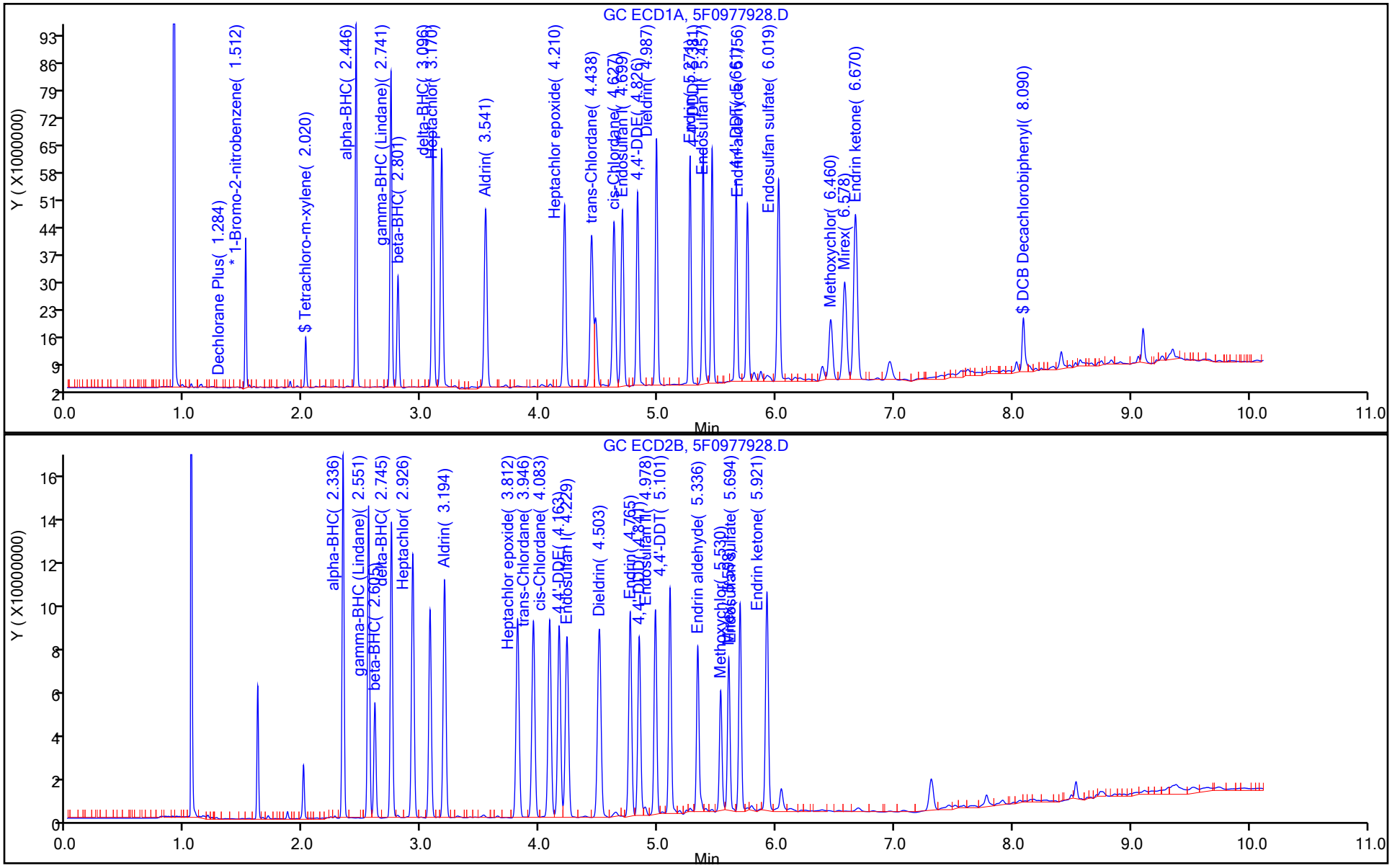
SGPESTISTD_00022 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 07:47:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 04:28:38 | Instrument ID: | CPESTGC5 | Operator ID: | |
| Lims ID: | 160-57053-E-2-E MSD | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Lims ID: 160-57053-E-2-E MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 04:28:38 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186627-011
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 07-Feb-2025 07:47:44 Calib Date: 21-Jan-2025 13:29:20
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20250121-186012.b\5F0977436.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1717

First Level Reviewer: ESS0 Date: 07-Feb-2025 07:18:03

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 36.0 | 72.00 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 44.8 | 89.67 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 4 Tetrachloro-m-xylene | 50.0 | 37.7 | 75.43 |
| $ 24 DCB Decachlorobiphenyl | 50.0 | 47.2 | 94.33 |

Manual Integration/User Assign Peak Report

Eurofins Edison

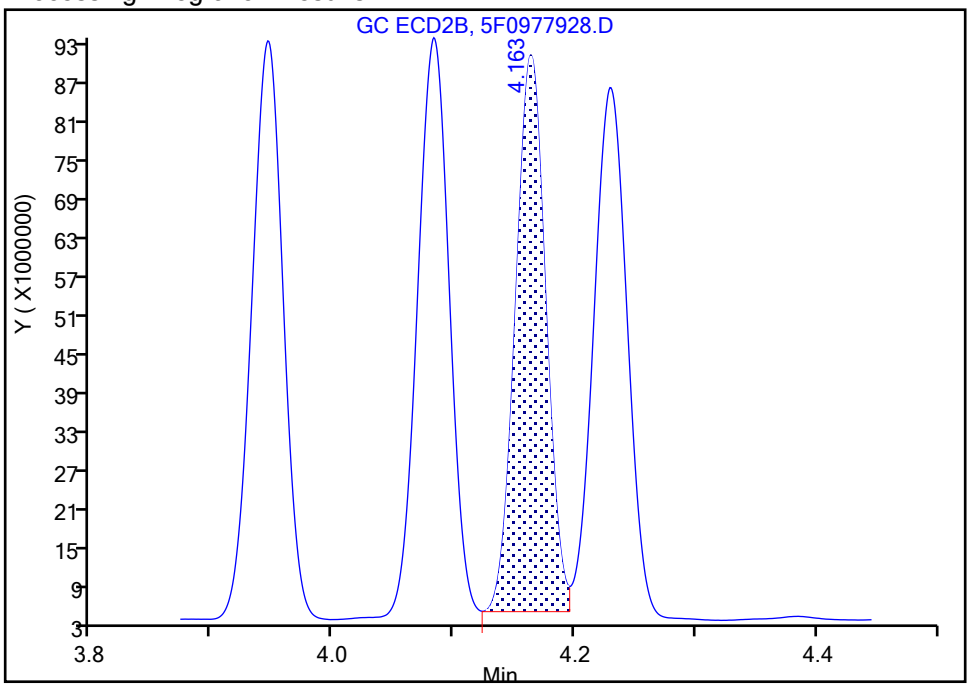
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 25 4,4'-DDE, CAS: 72-55-9

Signal: 2

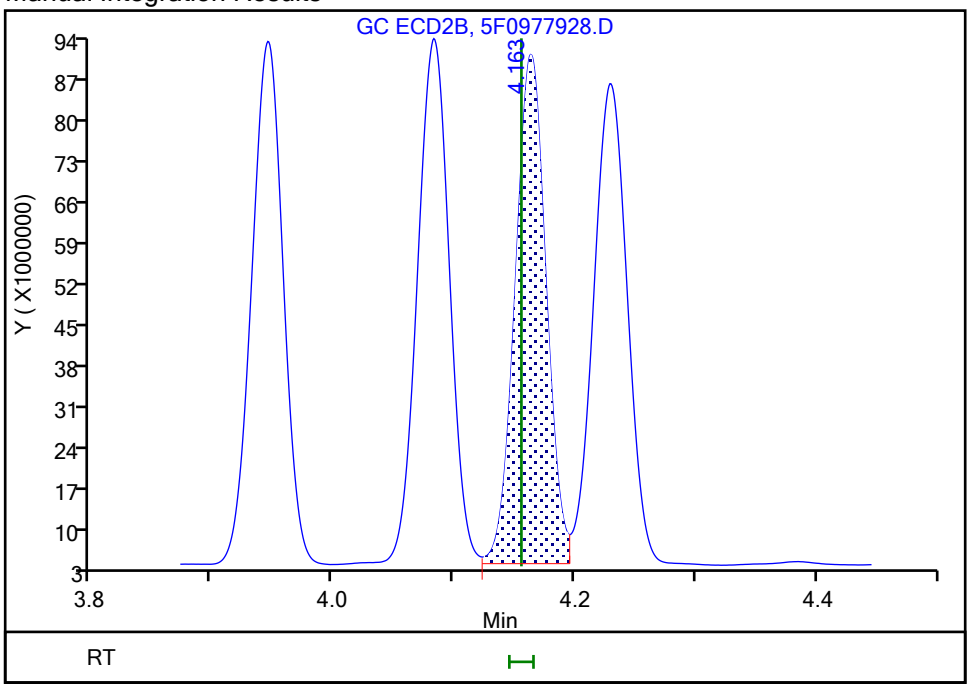
Processing Integration Results

RT: 4.16
Area: 150890719
Amount: 178.5108
Amount Units: ug/l




Manual Integration Results

RT: 4.16
Area: 156159120
Amount: 184.7436
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

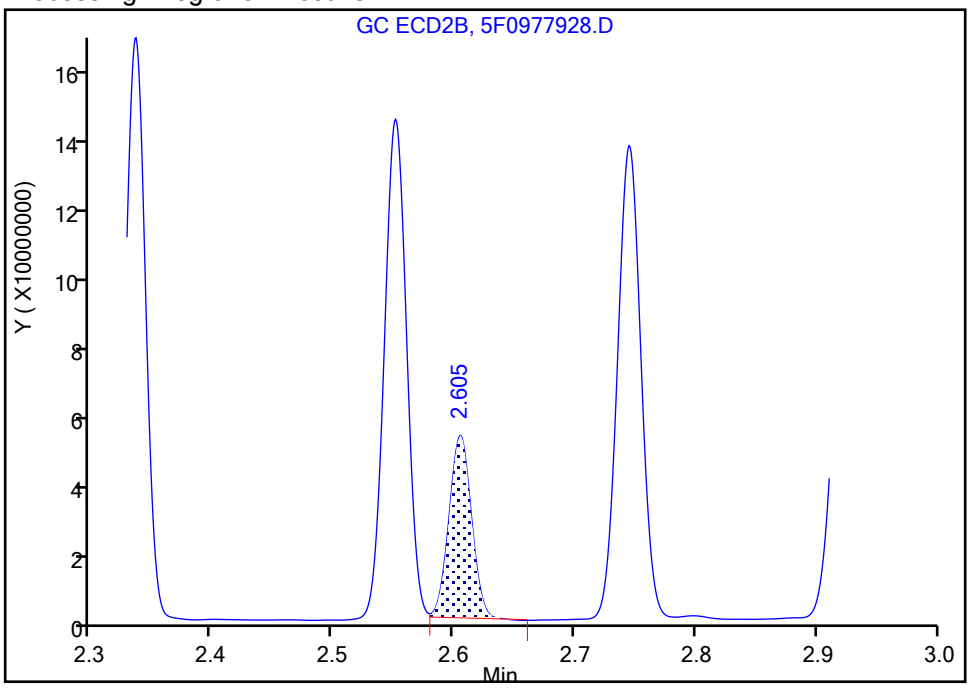
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 6 beta-BHC, CAS: 319-85-7

Signal: 2

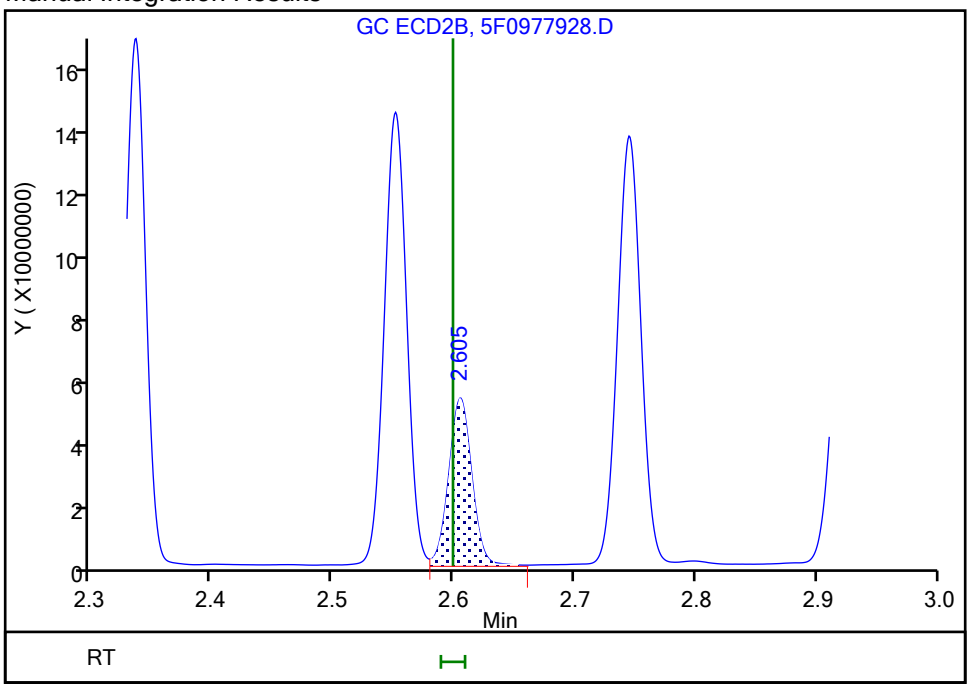
Processing Integration Results

RT: 2.60
Area: 67891792
Amount: 162.9987
Amount Units: ug/l




Manual Integration Results

RT: 2.60
Area: 69868105
Amount: 167.7436
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:59 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

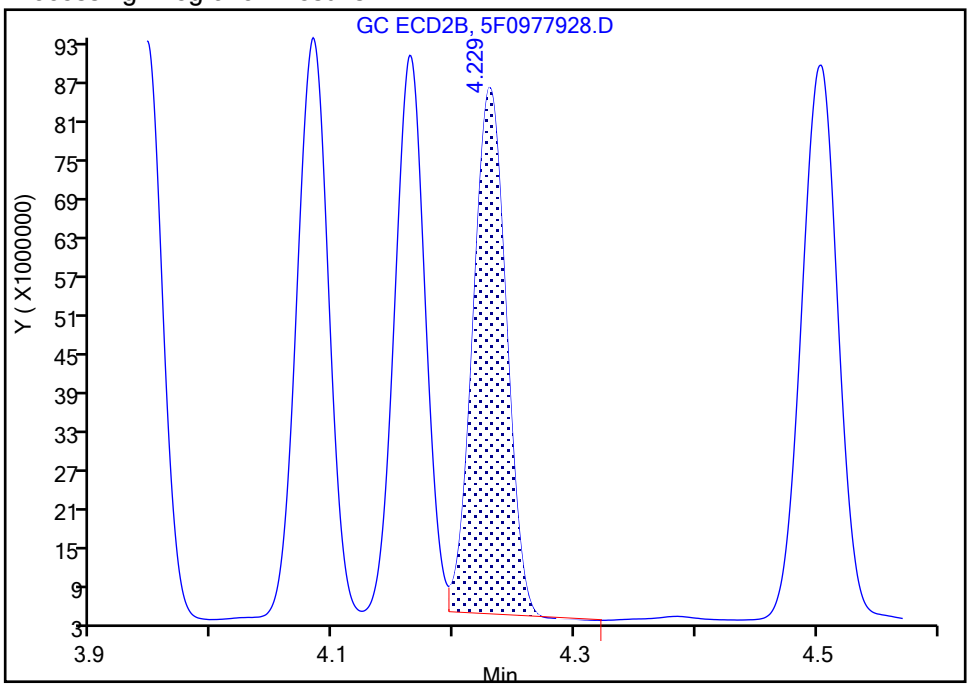
Data File: \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D
Injection Date: 07-Feb-2025 04:28:38 Instrument ID: CPESTGC5
Lims ID: 160-57053-E-2-E MSD
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD
Column: Detector GC ECD2B

## 7 Endosulfan I, CAS: 959-98-8

Signal: 2

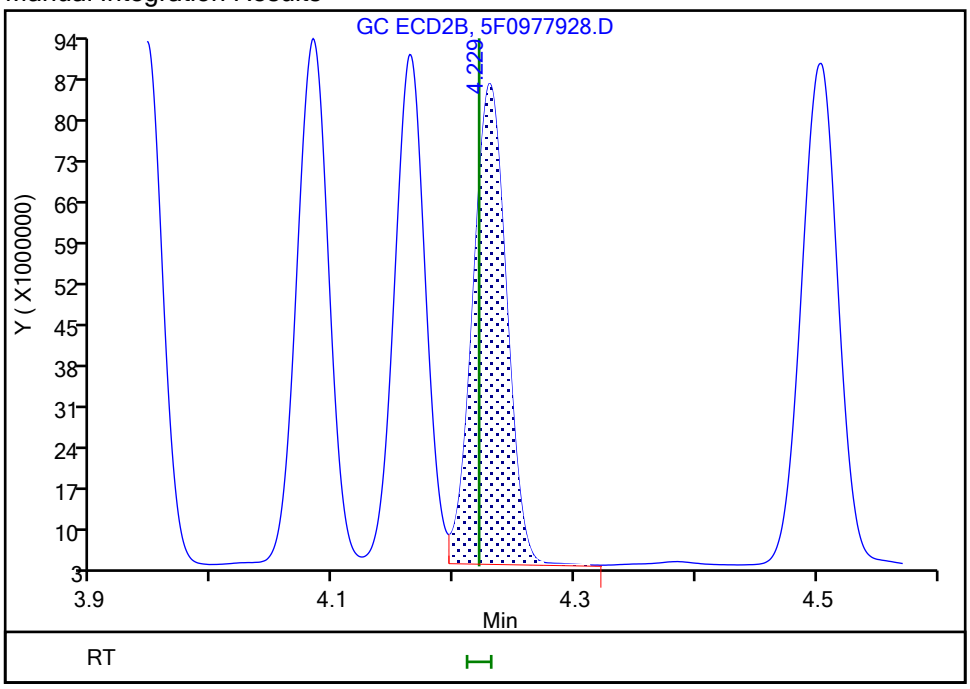
Processing Integration Results

RT: 4.23
Area: 155893385
Amount: 193.5792
Amount Units: ug/l




Manual Integration Results

RT: 4.23
Area: 160427978
Amount: 199.2100
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:18:00 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

Manual Integration/User Assign Peak Report

Eurofins Edison

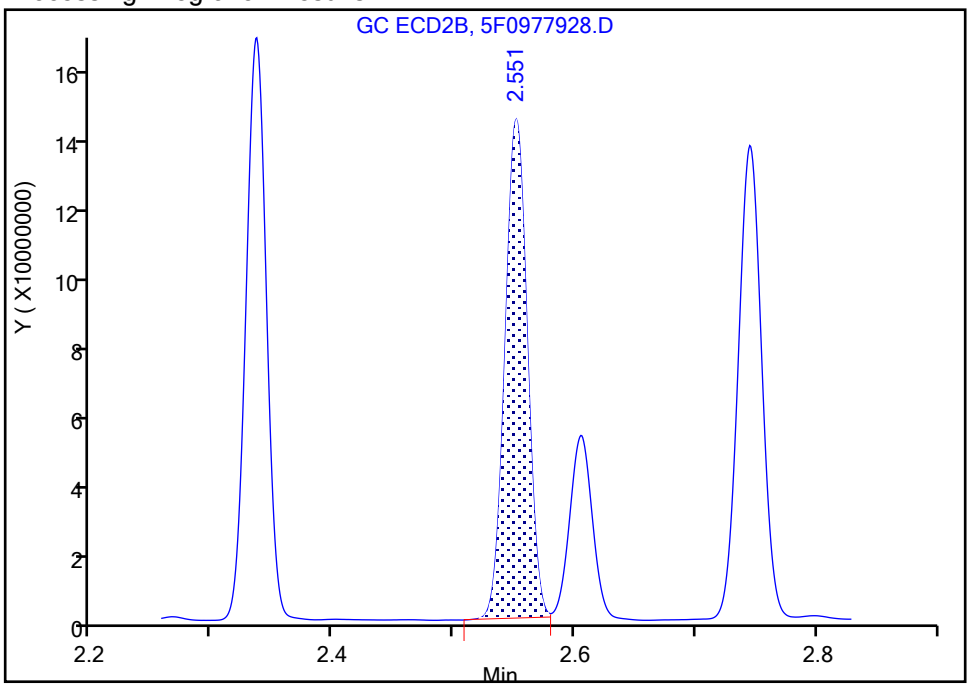
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC5\20250207-186627.b\5F0977928.D | | | | |
| Injection Date: | 07-Feb-2025 04:28:38 | Instrument ID: | CPESTGC5 | | |
| Lims ID: | 160-57053-E-2-E MSD | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 11 | Worklist Smp#: | 11 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | GC 5 8081 ISTD | Limit Group: | GC 8081B PEST ISTD | | |
| Column: | | Detector | GC ECD2B | | |

## 2 gamma-BHC (Lindane), CAS: 58-89-9

Signal: 2

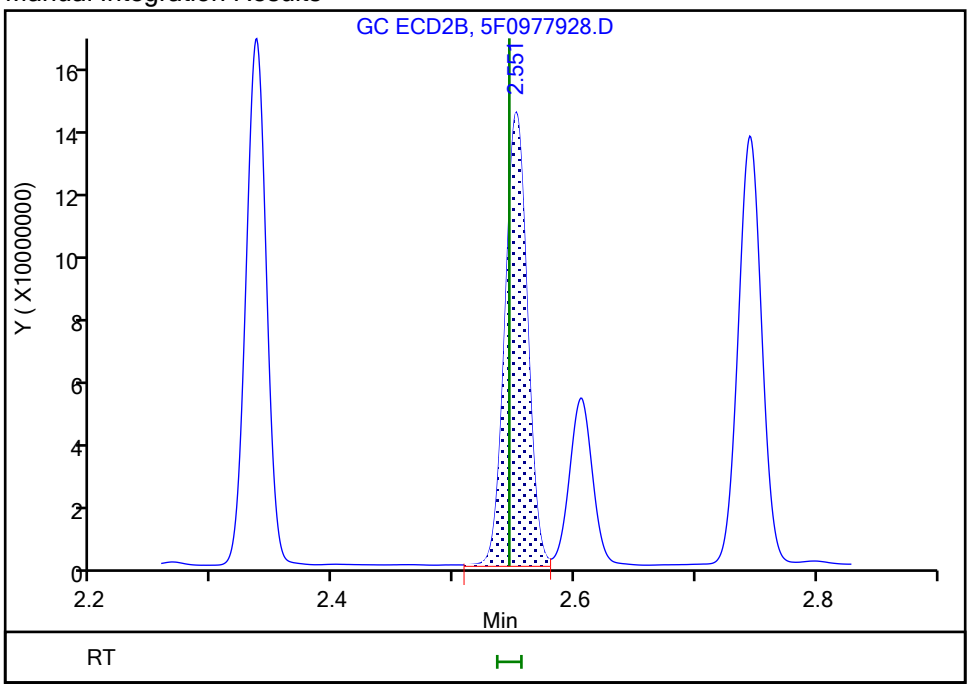
Processing Integration Results

RT: 2.55
Area: 181753020
Amount: 191.7752
Amount Units: ug/l




Manual Integration Results

RT: 2.55
Area: 183749979
Amount: 193.8822
Amount Units: ug/l




Reviewer: ESS0, 07-Feb-2025 07:17:59 -05:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Peak not integrated

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 01/22/2025 12:54

Analysis Batch Number: 1017574 End Date: 01/22/2025 14:08

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 460-1017574/1 | | 01/22/2025 12:54 | 1 | 12F0068067.D | CLP-2 0.53(mm) |
| IC 460-1017574/1 | | 01/22/2025 12:54 | 1 | 12F0068067.D | Rtx-CLP 0.53(mm) |
| IC 460-1017574/2 | | 01/22/2025 13:06 | 1 | 12F0068068.D | CLP-2 0.53(mm) |
| IC 460-1017574/2 | | 01/22/2025 13:06 | 1 | 12F0068068.D | Rtx-CLP 0.53(mm) |
| IC 460-1017574/3 ICIS | | 01/22/2025 13:19 | 1 | 12F0068069.D | CLP-2 0.53(mm) |
| IC 460-1017574/3 ICIS | | 01/22/2025 13:19 | 1 | 12F0068069.D | Rtx-CLP 0.53(mm) |
| IC 460-1017574/4 | | 01/22/2025 13:31 | 1 | 12F0068070.D | CLP-2 0.53(mm) |
| IC 460-1017574/4 | | 01/22/2025 13:31 | 1 | 12F0068070.D | Rtx-CLP 0.53(mm) |
| IC 460-1017574/5 | | 01/22/2025 13:43 | 1 | 12F0068071.D | CLP-2 0.53(mm) |
| IC 460-1017574/5 | | 01/22/2025 13:43 | 1 | 12F0068071.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1017574/6 | | 01/22/2025 13:56 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017574/6 | | 01/22/2025 13:56 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1017574/7 | | 01/22/2025 14:08 | 1 | | CLP-2 0.53(mm) |
| ICV 460-1017574/7 | | 01/22/2025 14:08 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC12  Start Date: 01/22/2025 09:25

Analysis Batch Number: 1017577  End Date: 01/22/2025 11:16

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1017577/1 | | 01/22/2025 09:25 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017577/1 | | 01/22/2025 09:25 | 1 | | Rtx-CLP 0.53(mm) |
| PEM 460-1017577/2 | | 01/22/2025 09:38 | 1 | 12F0068051.D | CLP-2 0.53(mm) |
| PEM 460-1017577/2 | | 01/22/2025 09:38 | 1 | 12F0068051.D | Rtx-CLP 0.53(mm) |
| ICISAV 460-1017577/3 | | 01/22/2025 09:50 | 1 | 12F0068052.D | CLP-2 0.53(mm) |
| ICISAV 460-1017577/3 | | 01/22/2025 09:50 | 1 | 12F0068052.D | Rtx-CLP 0.53(mm) |
| IC 460-1017577/4 | | 01/22/2025 10:02 | 1 | 12F0068053.D | CLP-2 0.53(mm) |
| IC 460-1017577/4 | | 01/22/2025 10:02 | 1 | 12F0068053.D | Rtx-CLP 0.53(mm) |
| IC 460-1017577/5 | | 01/22/2025 10:14 | 1 | 12F0068054.D | CLP-2 0.53(mm) |
| IC 460-1017577/5 | | 01/22/2025 10:14 | 1 | 12F0068054.D | Rtx-CLP 0.53(mm) |
| IC 460-1017577/6 | | 01/22/2025 10:27 | 1 | 12F0068055.D | CLP-2 0.53(mm) |
| IC 460-1017577/6 | | 01/22/2025 10:27 | 1 | 12F0068055.D | Rtx-CLP 0.53(mm) |
| IC 460-1017577/7 | | 01/22/2025 10:39 | 1 | 12F0068056.D | CLP-2 0.53(mm) |
| IC 460-1017577/7 | | 01/22/2025 10:39 | 1 | 12F0068056.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1017577/8 | | 01/22/2025 10:51 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017577/8 | | 01/22/2025 10:51 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1017577/9 | | 01/22/2025 11:04 | 1 | 12F0068058.D | CLP-2 0.53(mm) |
| ICV 460-1017577/9 | | 01/22/2025 11:04 | 1 | 12F0068058.D | Rtx-CLP 0.53(mm) |
| IC 460-1017577/10 ICIS | | 01/22/2025 11:16 | 1 | | CLP-2 0.53(mm) |
| IC 460-1017577/10 ICIS | | 01/22/2025 11:16 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 02/07/2025 02:18

Analysis Batch Number: 1020035 End Date: 02/07/2025 07:13

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1020035/1 | | 02/07/2025 02:18 | 1 | 12F0068415.D | CLP-2 0.53(mm) |
| PIBLK 460-1020035/1 | | 02/07/2025 02:18 | 1 | 12F0068415.D | Rtx-CLP 0.53(mm) |
| PEM 460-1020035/2 | | 02/07/2025 02:30 | 1 | 12F0068416.D | CLP-2 0.53(mm) |
| PEM 460-1020035/2 | | 02/07/2025 02:30 | 1 | 12F0068416.D | Rtx-CLP 0.53(mm) |
| CCVIS 460-1020035/3 | | 02/07/2025 02:42 | 1 | 12F0068417.D | CLP-2 0.53(mm) |
| CCVIS 460-1020035/3 | | 02/07/2025 02:42 | 1 | 12F0068417.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020035/4 | | 02/07/2025 02:55 | 1 | 12F0068418.D | CLP-2 0.53(mm) |
| CCV 460-1020035/4 | | 02/07/2025 02:55 | 1 | 12F0068418.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020035/5 | | 02/07/2025 03:07 | 1 | 12F0068419.D | CLP-2 0.53(mm) |
| CCV 460-1020035/5 | | 02/07/2025 03:07 | 1 | 12F0068419.D | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:19 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:19 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:32 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:32 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:44 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:44 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:56 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 03:56 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:09 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:09 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:21 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:21 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:33 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:33 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:46 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:46 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:58 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:58 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:10 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:10 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:23 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:23 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:35 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:35 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:47 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:47 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:59 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:59 | 1 | | Rtx-CLP 0.53(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/07/2025 06:12 | 1 | 12F0068434.D | CLP-2 0.53(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/07/2025 06:12 | 1 | 12F0068434.D | Rtx-CLP 0.53(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/07/2025 06:24 | 1 | 12F0068435.D | CLP-2 0.53(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/07/2025 06:24 | 1 | 12F0068435.D | Rtx-CLP 0.53(mm) |
| 460-319954-3 | RX-20-01_0-2 | 02/07/2025 06:36 | 1 | 12F0068436.D | CLP-2 0.53(mm) |
| 460-319954-3 | RX-20-01_0-2 | 02/07/2025 06:36 | 1 | 12F0068436.D | Rtx-CLP 0.53(mm) |
| 460-319954-4 | RX-22-01_0-2 | 02/07/2025 06:49 | 1 | 12F0068437.D | CLP-2 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC12 Start Date: 02/07/2025 02:18

Analysis Batch Number: 1020035 End Date: 02/07/2025 07:13

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| 460-319954-4 | RX-22-01_0-2 | 02/07/2025 06:49 | 1 | 12F0068437.D | Rtx-CLP 0.53(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/07/2025 07:01 | 1 | 12F0068438.D | CLP-2 0.53(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/07/2025 07:01 | 1 | 12F0068438.D | Rtx-CLP 0.53(mm) |
| 460-319954-6 | DUP_02052025 | 02/07/2025 07:13 | 1 | 12F0068439.D | CLP-2 0.53(mm) |
| 460-319954-6 | DUP_02052025 | 02/07/2025 07:13 | 1 | 12F0068439.D | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 11/27/2024 03:10

Analysis Batch Number: 1009318 End Date: 11/27/2024 05:20

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1009318/1 | | 11/27/2024 03:10 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1009318/1 | | 11/27/2024 03:10 | 1 | | Rtx-CLP 0.53(mm) |
| PEM 460-1009318/2 | | 11/27/2024 03:26 | 1 | | CLP-2 0.53(mm) |
| PEM 460-1009318/2 | | 11/27/2024 03:26 | 1 | | Rtx-CLP 0.53(mm) |
| IC 460-1009318/3 | | 11/27/2024 03:41 | 1 | 4F0011516.D | CLP-2 0.53(mm) |
| IC 460-1009318/3 | | 11/27/2024 03:41 | 1 | 4F0011516.D | Rtx-CLP 0.53(mm) |
| IC 460-1009318/4 | | 11/27/2024 03:57 | 1 | 4F0011517.D | CLP-2 0.53(mm) |
| IC 460-1009318/4 | | 11/27/2024 03:57 | 1 | 4F0011517.D | Rtx-CLP 0.53(mm) |
| IC 460-1009318/5 ICIS | | 11/27/2024 04:13 | 1 | 4F0011518.D | CLP-2 0.53(mm) |
| IC 460-1009318/5 ICIS | | 11/27/2024 04:13 | 1 | 4F0011518.D | Rtx-CLP 0.53(mm) |
| IC 460-1009318/6 | | 11/27/2024 04:29 | 1 | 4F0011519.D | CLP-2 0.53(mm) |
| IC 460-1009318/6 | | 11/27/2024 04:29 | 1 | 4F0011519.D | Rtx-CLP 0.53(mm) |
| IC 460-1009318/7 | | 11/27/2024 04:45 | 1 | 4F0011520.D | CLP-2 0.53(mm) |
| IC 460-1009318/7 | | 11/27/2024 04:45 | 1 | 4F0011520.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1009318/8 | | 11/27/2024 05:05 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1009318/8 | | 11/27/2024 05:05 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1009318/9 | | 11/27/2024 05:20 | 1 | 4F0011522.D | CLP-2 0.53(mm) |
| ICV 460-1009318/9 | | 11/27/2024 05:20 | 1 | 4F0011522.D | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 11/27/2024 05:36

Analysis Batch Number: 1009321 End Date: 11/27/2024 07:11

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 460-1009321/1 | | 11/27/2024 05:36 | 1 | 4F0011523.D | CLP-2 0.53(mm) |
| IC 460-1009321/1 | | 11/27/2024 05:36 | 1 | 4F0011523.D | Rtx-CLP 0.53(mm) |
| IC 460-1009321/2 | | 11/27/2024 05:52 | 1 | 4F0011524.D | CLP-2 0.53(mm) |
| IC 460-1009321/2 | | 11/27/2024 05:52 | 1 | 4F0011524.D | Rtx-CLP 0.53(mm) |
| IC 460-1009321/3 ICIS | | 11/27/2024 06:08 | 1 | 4F0011525.D | CLP-2 0.53(mm) |
| IC 460-1009321/3 ICIS | | 11/27/2024 06:08 | 1 | 4F0011525.D | Rtx-CLP 0.53(mm) |
| IC 460-1009321/4 | | 11/27/2024 06:24 | 1 | 4F0011526.D | CLP-2 0.53(mm) |
| IC 460-1009321/4 | | 11/27/2024 06:24 | 1 | 4F0011526.D | Rtx-CLP 0.53(mm) |
| IC 460-1009321/5 | | 11/27/2024 06:40 | 1 | 4F0011527.D | CLP-2 0.53(mm) |
| IC 460-1009321/5 | | 11/27/2024 06:40 | 1 | 4F0011527.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1009321/6 | | 11/27/2024 06:55 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1009321/6 | | 11/27/2024 06:55 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1009321/7 | | 11/27/2024 07:11 | 1 | 4F0011529.D | CLP-2 0.53(mm) |
| ICV 460-1009321/7 | | 11/27/2024 07:11 | 1 | 4F0011529.D | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 11/27/2024 07:44

Analysis Batch Number: 1009324 End Date: 11/27/2024 10:07

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1009324/1 | | 11/27/2024 07:44 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1009324/1 | | 11/27/2024 07:44 | 1 | | Rtx-CLP 0.53(mm) |
| PEM 460-1009324/2 | | 11/27/2024 08:00 | 1 | | CLP-2 0.53(mm) |
| PEM 460-1009324/2 | | 11/27/2024 08:00 | 1 | | Rtx-CLP 0.53(mm) |
| ICIS 460-1009324/3 ICISAV | | 11/27/2024 08:16 | 1 | 4F0011532.D | CLP-2 0.53(mm) |
| ICIS 460-1009324/3 ICISAV | | 11/27/2024 08:16 | 1 | 4F0011532.D | Rtx-CLP 0.53(mm) |
| IC 460-1009324/4 | | 11/27/2024 08:32 | 1 | 4F0011533.D | CLP-2 0.53(mm) |
| IC 460-1009324/4 | | 11/27/2024 08:32 | 1 | 4F0011533.D | Rtx-CLP 0.53(mm) |
| IC 460-1009324/5 | | 11/27/2024 08:48 | 1 | 4F0011534.D | CLP-2 0.53(mm) |
| IC 460-1009324/5 | | 11/27/2024 08:48 | 1 | 4F0011534.D | Rtx-CLP 0.53(mm) |
| IC 460-1009324/6 | | 11/27/2024 09:04 | 1 | 4F0011535.D | CLP-2 0.53(mm) |
| IC 460-1009324/6 | | 11/27/2024 09:04 | 1 | 4F0011535.D | Rtx-CLP 0.53(mm) |
| IC 460-1009324/7 | | 11/27/2024 09:20 | 1 | 4F0011536.D | CLP-2 0.53(mm) |
| IC 460-1009324/7 | | 11/27/2024 09:20 | 1 | 4F0011536.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1009324/8 | | 11/27/2024 09:35 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1009324/8 | | 11/27/2024 09:35 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1009324/9 | | 11/27/2024 09:51 | 1 | 4F0011538.D | CLP-2 0.53(mm) |
| ICV 460-1009324/9 | | 11/27/2024 09:51 | 1 | 4F0011538.D | Rtx-CLP 0.53(mm) |
| IC 460-1009324/10 ICIS | | 11/27/2024 10:07 | 1 | | CLP-2 0.53(mm) |
| IC 460-1009324/10 ICIS | | 11/27/2024 10:07 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 02/09/2025 07:14

Analysis Batch Number: 1020347 End Date: 02/09/2025 10:03

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1020347/1 | | 02/09/2025 07:14 | 1 | 4F001965.D | CLP-2 0.53(mm) |
| PIBLK 460-1020347/1 | | 02/09/2025 07:14 | 1 | 4F001965.D | Rtx-CLP 0.53(mm) |
| PEM 460-1020347/2 | | 02/09/2025 07:30 | 1 | 4F001966.D | CLP-2 0.53(mm) |
| PEM 460-1020347/2 | | 02/09/2025 07:30 | 1 | 4F001966.D | Rtx-CLP 0.53(mm) |
| CCVIS 460-1020347/3 | | 02/09/2025 07:45 | 1 | 4F001967.D | CLP-2 0.53(mm) |
| CCVIS 460-1020347/3 | | 02/09/2025 07:45 | 1 | 4F001967.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020347/4 | | 02/09/2025 08:01 | 1 | 4F001968.D | CLP-2 0.53(mm) |
| CCV 460-1020347/4 | | 02/09/2025 08:01 | 1 | 4F001968.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020347/5 | | 02/09/2025 08:17 | 1 | 4F001969.D | CLP-2 0.53(mm) |
| CCV 460-1020347/5 | | 02/09/2025 08:17 | 1 | 4F001969.D | Rtx-CLP 0.53(mm) |
| LCS 460-1020298/2-A | | 02/09/2025 08:44 | 1 | 4F001970.D | CLP-2 0.53(mm) |
| LCS 460-1020298/2-A | | 02/09/2025 08:44 | 1 | 4F001970.D | Rtx-CLP 0.53(mm) |
| LCSD 460-1020298/3-A | | 02/09/2025 09:00 | 1 | 4F001971.D | CLP-2 0.53(mm) |
| LCSD 460-1020298/3-A | | 02/09/2025 09:00 | 1 | 4F001971.D | Rtx-CLP 0.53(mm) |
| MB 460-1020298/1-A | | 02/09/2025 09:16 | 1 | 4F001972.D | CLP-2 0.53(mm) |
| MB 460-1020298/1-A | | 02/09/2025 09:16 | 1 | 4F001972.D | Rtx-CLP 0.53(mm) |
| 460-319954-7 | FB_02052025 | 02/09/2025 09:32 | 1 | 4F001973.D | CLP-2 0.53(mm) |
| 460-319954-7 | FB_02052025 | 02/09/2025 09:32 | 1 | 4F001973.D | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:03 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:03 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 01/21/2025 08:56

Analysis Batch Number: 1017418 End Date: 01/21/2025 10:53

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1017418/1 | | 01/21/2025 08:56 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017418/1 | | 01/21/2025 08:56 | 1 | | Rtx-CLP 0.53(mm) |
| PEM 460-1017418/2 | | 01/21/2025 09:09 | 1 | | CLP-2 0.53(mm) |
| PEM 460-1017418/2 | | 01/21/2025 09:09 | 1 | | Rtx-CLP 0.53(mm) |
| ICIS 460-1017418/3 ICISAV | | 01/21/2025 09:22 | 1 | 5F0977417.D | CLP-2 0.53(mm) |
| ICIS 460-1017418/3 ICISAV | | 01/21/2025 09:22 | 1 | 5F0977417.D | Rtx-CLP 0.53(mm) |
| IC 460-1017418/4 | | 01/21/2025 09:35 | 1 | 5F0977418.D | CLP-2 0.53(mm) |
| IC 460-1017418/4 | | 01/21/2025 09:35 | 1 | 5F0977418.D | Rtx-CLP 0.53(mm) |
| IC 460-1017418/5 | | 01/21/2025 09:48 | 1 | 5F0977419.D | CLP-2 0.53(mm) |
| IC 460-1017418/5 | | 01/21/2025 09:48 | 1 | 5F0977419.D | Rtx-CLP 0.53(mm) |
| IC 460-1017418/6 | | 01/21/2025 10:01 | 1 | 5F0977420.D | CLP-2 0.53(mm) |
| IC 460-1017418/6 | | 01/21/2025 10:01 | 1 | 5F0977420.D | Rtx-CLP 0.53(mm) |
| IC 460-1017418/7 | | 01/21/2025 10:14 | 1 | 5F0977421.D | CLP-2 0.53(mm) |
| IC 460-1017418/7 | | 01/21/2025 10:14 | 1 | 5F0977421.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1017418/8 | | 01/21/2025 10:27 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017418/8 | | 01/21/2025 10:27 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1017418/9 | | 01/21/2025 10:40 | 1 | 5F0977423.D | CLP-2 0.53(mm) |
| ICV 460-1017418/9 | | 01/21/2025 10:40 | 1 | 5F0977423.D | Rtx-CLP 0.53(mm) |
| IC 460-1017418/10 ICIS | | 01/21/2025 10:53 | 1 | | CLP-2 0.53(mm) |
| IC 460-1017418/10 ICIS | | 01/21/2025 10:53 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 01/21/2025 11:06

Analysis Batch Number: 1017421 End Date: 01/21/2025 12:24

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 460-1017421/1 | | 01/21/2025 11:06 | 1 | 5F0977425.D | CLP-2 0.53(mm) |
| IC 460-1017421/1 | | 01/21/2025 11:06 | 1 | 5F0977425.D | Rtx-CLP 0.53(mm) |
| IC 460-1017421/2 | | 01/21/2025 11:19 | 1 | 5F0977426.D | CLP-2 0.53(mm) |
| IC 460-1017421/2 | | 01/21/2025 11:19 | 1 | 5F0977426.D | Rtx-CLP 0.53(mm) |
| IC 460-1017421/3 | | 01/21/2025 11:32 | 1 | 5F0977427.D | CLP-2 0.53(mm) |
| IC 460-1017421/3 | | 01/21/2025 11:32 | 1 | 5F0977427.D | Rtx-CLP 0.53(mm) |
| IC 460-1017421/4 | | 01/21/2025 11:45 | 1 | 5F0977428.D | CLP-2 0.53(mm) |
| IC 460-1017421/4 | | 01/21/2025 11:45 | 1 | 5F0977428.D | Rtx-CLP 0.53(mm) |
| IC 460-1017421/5 | | 01/21/2025 11:58 | 1 | 5F0977429.D | CLP-2 0.53(mm) |
| IC 460-1017421/5 | | 01/21/2025 11:58 | 1 | 5F0977429.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1017421/6 | | 01/21/2025 12:11 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017421/6 | | 01/21/2025 12:11 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1017421/7 | | 01/21/2025 12:24 | 1 | 5F0977431.D | CLP-2 0.53(mm) |
| ICV 460-1017421/7 | | 01/21/2025 12:24 | 1 | 5F0977431.D | Rtx-CLP 0.53(mm) |

# PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC5  Start Date: 01/21/2025 12:37

Analysis Batch Number: 1017424  End Date: 01/21/2025 13:55

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 460-1017424/1 | | 01/21/2025 12:37 | 1 | 5F0977432.D | CLP-2 0.53(mm) |
| IC 460-1017424/1 | | 01/21/2025 12:37 | 1 | 5F0977432.D | Rtx-CLP 0.53(mm) |
| IC 460-1017424/2 ICIS | | 01/21/2025 12:50 | 1 | 5F0977433.D | CLP-2 0.53(mm) |
| IC 460-1017424/2 ICIS | | 01/21/2025 12:50 | 1 | 5F0977433.D | Rtx-CLP 0.53(mm) |
| IC 460-1017424/3 | | 01/21/2025 13:03 | 1 | 5F0977434.D | CLP-2 0.53(mm) |
| IC 460-1017424/3 | | 01/21/2025 13:03 | 1 | 5F0977434.D | Rtx-CLP 0.53(mm) |
| IC 460-1017424/4 | | 01/21/2025 13:16 | 1 | 5F0977435.D | CLP-2 0.53(mm) |
| IC 460-1017424/4 | | 01/21/2025 13:16 | 1 | 5F0977435.D | Rtx-CLP 0.53(mm) |
| IC 460-1017424/5 | | 01/21/2025 13:29 | 1 | 5F0977436.D | CLP-2 0.53(mm) |
| IC 460-1017424/5 | | 01/21/2025 13:29 | 1 | 5F0977436.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1017424/6 | | 01/21/2025 13:42 | 1 | | CLP-2 0.53(mm) |
| PIBLK 460-1017424/6 | | 01/21/2025 13:42 | 1 | | Rtx-CLP 0.53(mm) |
| ICV 460-1017424/7 CCV | | 01/21/2025 13:55 | 1 | | CLP-2 0.53(mm) |
| ICV 460-1017424/7 CCV | | 01/21/2025 13:55 | 1 | | Rtx-CLP 0.53(mm) |

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 02/07/2025 02:18

Analysis Batch Number: 1020038 End Date: 02/07/2025 06:51

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1020038/1 | | 02/07/2025 02:18 | 1 | 5F0977918.D | CLP-2 0.53(mm) |
| PIBLK 460-1020038/1 | | 02/07/2025 02:18 | 1 | 5F0977918.D | Rtx-CLP 0.53(mm) |
| PEM 460-1020038/2 | | 02/07/2025 02:31 | 1 | 5F0977919.D | CLP-2 0.53(mm) |
| PEM 460-1020038/2 | | 02/07/2025 02:31 | 1 | 5F0977919.D | Rtx-CLP 0.53(mm) |
| CCVIS 460-1020038/3 | | 02/07/2025 02:44 | 1 | 5F0977920.D | CLP-2 0.53(mm) |
| CCVIS 460-1020038/3 | | 02/07/2025 02:44 | 1 | 5F0977920.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020038/4 | | 02/07/2025 02:57 | 1 | 5F0977921.D | CLP-2 0.53(mm) |
| CCV 460-1020038/4 | | 02/07/2025 02:57 | 1 | 5F0977921.D | Rtx-CLP 0.53(mm) |
| CCV 460-1020038/5 | | 02/07/2025 03:10 | 1 | 5F0977922.D | CLP-2 0.53(mm) |
| CCV 460-1020038/5 | | 02/07/2025 03:10 | 1 | 5F0977922.D | Rtx-CLP 0.53(mm) |
| LCS 460-1019984/2-A | | 02/07/2025 03:23 | 1 | 5F0977923.D | CLP-2 0.53(mm) |
| LCS 460-1019984/2-A | | 02/07/2025 03:23 | 1 | 5F0977923.D | Rtx-CLP 0.53(mm) |
| LCSD 460-1019984/3-A | | 02/07/2025 03:36 | 1 | 5F0977924.D | CLP-2 0.53(mm) |
| LCSD 460-1019984/3-A | | 02/07/2025 03:36 | 1 | 5F0977924.D | Rtx-CLP 0.53(mm) |
| MB 460-1019984/1-A | | 02/07/2025 03:49 | 1 | 5F0977925.D | CLP-2 0.53(mm) |
| MB 460-1019984/1-A | | 02/07/2025 03:49 | 1 | 5F0977925.D | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:02 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:02 | 1 | | Rtx-CLP 0.53(mm) |
| 160-57053-E-2-D MS | | 02/07/2025 04:15 | 1 | 5F0977927.D | CLP-2 0.53(mm) |
| 160-57053-E-2-D MS | | 02/07/2025 04:15 | 1 | 5F0977927.D | Rtx-CLP 0.53(mm) |
| 160-57053-E-2-E MSD | | 02/07/2025 04:28 | 1 | 5F0977928.D | CLP-2 0.53(mm) |
| 160-57053-E-2-E MSD | | 02/07/2025 04:28 | 1 | 5F0977928.D | Rtx-CLP 0.53(mm) |
| ZZZZZ | | 02/07/2025 04:41 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ | | 02/07/2025 04:41 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:54 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 04:54 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:07 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:07 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:20 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:20 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:33 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:33 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:46 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:46 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:59 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 05:59 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:12 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:12 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:25 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:25 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:38 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:38 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:51 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 06:51 | 1 | | Rtx-CLP 0.53(mm) |

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1009318  Batch Start Date: 11/27/24 03:10  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGCHLOR ICV 00012 | SGCHLORDANEL1 00013 | SGCHLORDANEL3 00013 | SGCHLORDANEL4 00014 | SGCHLORDANEL5 00013 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1009318/3 | | 8081B | | | 1 mL | | 1 mL | | | |
| IC 460-1009318/4 | | 8081B | | | 1 mL | | | 1 mL | | |
| IC 460-1009318/5 ICIS | | 8081B | | | 1 mL | | | | 1 mL | |
| IC 460-1009318/6 | | 8081B | | | 1 mL | | | | | 1 mL |
| IC 460-1009318/7 | | 8081B | | | 1 mL | | | | | |
| ICV 460-1009318/9 | | 8081B | | | 1 mL | 1 mL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGCHLORDANEL6 00013 | SGPESTISTD 00022 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1009318/3 | | 8081B | | | | 20 uL | | | | |
| IC 460-1009318/4 | | 8081B | | | | 20 uL | | | | |
| IC 460-1009318/5 ICIS | | 8081B | | | | 20 uL | | | | |
| IC 460-1009318/6 | | 8081B | | | | 20 uL | | | | |
| IC 460-1009318/7 | | 8081B | | | 1 mL | 20 uL | | | | |
| ICV 460-1009318/9 | | 8081B | | | | 20 uL | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1009321  Batch Start Date: 11/27/24 05:36  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGPESTISTD 00022 | SGTOX ICV 00020 | SGTOXAPHENEL1 00013 | SGTOXAPHENEL3 00012 | SGTOXAPHENEL4 00013 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1009321/1 | | 8081B | | | 1 mL | 20 uL | | 1 mL | | |
| IC 460-1009321/2 | | 8081B | | | 1 mL | 20 uL | | | 1 mL | |
| IC 460-1009321/3 ICIS | | 8081B | | | 1 mL | 20 uL | | | | 1 mL |
| IC 460-1009321/4 | | 8081B | | | 1 mL | 20 uL | | | | |
| IC 460-1009321/5 | | 8081B | | | 1 mL | 20 uL | | | | |
| ICV 460-1009321/7 | | 8081B | | | 1 mL | 20 uL | 1 uL | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGTOXAPHENEL5 00012 | SGTOXAPHENEL6 00012 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1009321/1 | | 8081B | | | | | | | | |
| IC 460-1009321/2 | | 8081B | | | | | | | | |
| IC 460-1009321/3 ICIS | | 8081B | | | | | | | | |
| IC 460-1009321/4 | | 8081B | | | 1 mL | | | | | |
| IC 460-1009321/5 | | 8081B | | | | 1 mL | | | | |
| ICV 460-1009321/7 | | 8081B | | | | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1009324  Batch Start Date: 11/27/24 07:44  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGPESTISTD 00022 | SGPESTL1 00038 | SGPESTL2 00047 | SGPESTL3 00045 | SGPESTL4 00042 |
|---|---|---|---|---|---|---|---|---|---|---|
| ICIS 460-1009324/3 ICISAV | | 8081B | | | 1 mL | 20 uL | | | 1 mL | |
| IC 460-1009324/4 | | 8081B | | | 1 mL | 20 uL | 1 mL | | | |
| IC 460-1009324/5 | | 8081B | | | 1 mL | 20 uL | | 1 mL | | |
| IC 460-1009324/6 | | 8081B | | | 1 mL | 20 uL | | | | 1 mL |
| IC 460-1009324/7 | | 8081B | | | 1 mL | 20 uL | | | | |
| ICV 460-1009324/9 | | 8081B | | | 1 mL | 20 uL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGPESTL5 00043 | SGPTICV 00049 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ICIS 460-1009324/3 ICISAV | | 8081B | | | | | | | | |
| IC 460-1009324/4 | | 8081B | | | | | | | | |
| IC 460-1009324/5 | | 8081B | | | | | | | | |
| IC 460-1009324/6 | | 8081B | | | | | | | | |
| IC 460-1009324/7 | | 8081B | | | 1 mL | | | | | |
| ICV 460-1009324/9 | | 8081B | | | | 1 mL | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1017418  Batch Start Date: 01/21/25 08:56  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGPESTISTD 00022 | SGPESTL1 00038 | SGPESTL2 00047 | SGPESTL3 00045 | SGPESTL4 00042 |
|---|---|---|---|---|---|---|---|---|---|---|
| ICIS 460-1017418/3 ICISAV | | 8081B | | | 1 mL | 20 uL | | | 1 mL | |
| IC 460-1017418/4 | | 8081B | | | 1 mL | 20 uL | 1 mL | | | |
| IC 460-1017418/5 | | 8081B | | | 1 mL | 20 uL | | 1 mL | | |
| IC 460-1017418/6 | | 8081B | | | 1 mL | 20 uL | | | | 1 mL |
| IC 460-1017418/7 | | 8081B | | | 1 mL | 20 uL | | | | |
| ICV 460-1017418/9 | | 8081B | | | 1 mL | 20 uL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGPESTL5 00043 | SGPTICV 00049 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ICIS 460-1017418/3 ICISAV | | 8081B | | | | | | | | |
| IC 460-1017418/4 | | 8081B | | | | | | | | |
| IC 460-1017418/5 | | 8081B | | | | | | | | |
| IC 460-1017418/6 | | 8081B | | | | | | | | |
| IC 460-1017418/7 | | 8081B | | | 1 mL | | | | | |
| ICV 460-1017418/9 | | 8081B | | | | 1 mL | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1017421  Batch Start Date: 01/21/25 11:06  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGCHLOR ICV 00012 | SGCHLORDANEL1 00013 | SGCHLORDANEL3 00013 | SGCHLORDANEL4 00014 | SGCHLORDANEL5 00013 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017421/1 | | 8081B | | | 1 mL | | 1 mL | | | |
| IC 460-1017421/2 | | 8081B | | | 1 mL | | | 1 mL | | |
| IC 460-1017421/3 | | 8081B | | | 1 mL | | | | 1 mL | |
| IC 460-1017421/4 | | 8081B | | | 1 mL | | | | | 1 mL |
| IC 460-1017421/5 | | 8081B | | | 1 mL | | | | | |
| ICV 460-1017421/7 | | 8081B | | | 1 mL | 1 mL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGCHLORDANEL6 00013 | SGPESTISTD 00022 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017421/1 | | 8081B | | | | 20 uL | | | | |
| IC 460-1017421/2 | | 8081B | | | | 20 uL | | | | |
| IC 460-1017421/3 | | 8081B | | | | 20 uL | | | | |
| IC 460-1017421/4 | | 8081B | | | | 20 uL | | | | |
| IC 460-1017421/5 | | 8081B | | | 1 mL | 20 uL | | | | |
| ICV 460-1017421/7 | | 8081B | | | | 20 uL | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1017424  Batch Start Date: 01/21/25 12:37  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGPESTISTD 00022 | SGTOXAPHENEL1 00013 | SGTOXAPHENEL3 00012 | SGTOXAPHENEL4 00013 | SGTOXAPHENEL5 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017424/1 | | 8081B | | | 1 mL | 20 uL | 1 mL | | | |
| IC 460-1017424/2 ICIS | | 8081B | | | 1 mL | 20 uL | | 1 mL | | |
| IC 460-1017424/3 | | 8081B | | | 1 mL | 20 uL | | | 1 mL | |
| IC 460-1017424/4 | | 8081B | | | 1 mL | 20 uL | | | | 1 mL |
| IC 460-1017424/5 | | 8081B | | | 1 mL | 20 uL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGTOXAPHENEL6 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017424/1 | | 8081B | | | | | | | | |
| IC 460-1017424/2 ICIS | | 8081B | | | | | | | | |
| IC 460-1017424/3 | | 8081B | | | | | | | | |
| IC 460-1017424/4 | | 8081B | | | | | | | | |
| IC 460-1017424/5 | | 8081B | | | 1 mL | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1017574  Batch Start Date: 01/22/25 12:54  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGPESTISTD 00022 | SGTOXAPHENEL1 00013 | SGTOXAPHENEL3 00012 | SGTOXAPHENEL4 00013 | SGTOXAPHENEL5 00012 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017574/1 | | 8081B | | | 1 mL | 20 uL | 1 mL | | | |
| IC 460-1017574/2 | | 8081B | | | 1 mL | 20 uL | | 1 mL | | |
| IC 460-1017574/3 ICIS | | 8081B | | | 1 mL | 20 uL | | | 1 mL | |
| IC 460-1017574/4 | | 8081B | | | 1 mL | 20 uL | | | | 1 mL |
| IC 460-1017574/5 | | 8081B | | | 1 mL | 20 uL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGTOXAPHENEL6 00012 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1017574/1 | | 8081B | | | | | | | | |
| IC 460-1017574/2 | | 8081B | | | | | | | | |
| IC 460-1017574/3 ICIS | | 8081B | | | | | | | | |
| IC 460-1017574/4 | | 8081B | | | | | | | | |
| IC 460-1017574/5 | | 8081B | | | 1 mL | | | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1017577  Batch Start Date: 01/22/25 09:25  Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SGDDT/Ei 00046 | SGPESTISTD 00022 | SGPESTL1 00038 | SGPESTL2 00047 | SGPESTL3 00045 |
|---|---|---|---|---|---|---|---|---|---|---|
| PEM 460-1017577/2 | | 8081B | | | 1 mL | 1 mL | 20 uL | | | |
| ICISAV 460-1017577/3 | | 8081B | | | 1 mL | | 20 uL | | | 1 mL |
| IC 460-1017577/4 | | 8081B | | | 1 mL | | 20 uL | 1 mL | | |
| IC 460-1017577/5 | | 8081B | | | 1 mL | | 20 uL | | 1 mL | |
| IC 460-1017577/6 | | 8081B | | | 1 mL | | 20 uL | | | |
| IC 460-1017577/7 | | 8081B | | | 1 mL | | 20 uL | | | |
| ICV 460-1017577/9 | | 8081B | | | 1 mL | | 20 uL | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SGPESTL4 00042 | SGPESTL5 00043 | SGPTICV 00049 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PEM 460-1017577/2 | | 8081B | | | | | | | | |
| ICISAV 460-1017577/3 | | 8081B | | | | | | | | |
| IC 460-1017577/4 | | 8081B | | | | | | | | |
| IC 460-1017577/5 | | 8081B | | | | | | | | |
| IC 460-1017577/6 | | 8081B | | | 1 mL | | | | | |
| IC 460-1017577/7 | | 8081B | | | | 1 mL | | | | |
| ICV 460-1017577/9 | | 8081B | | | | | 1 mL | | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019984  Batch Start Date: 02/06/25 15:57  Batch Analyst: Alinea, Archilles R

Batch Method: 3546  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | OP_PESTSP 00056 | OPPSTPCBSURR 00042 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1019984/1 | | 3546, 8081B | | | 15.00 g | 10 mL | | 50 uL | | |
| LCS 460-1019984/2 | | 3546, 8081B | | | 15.00 g | 10 mL | 100 uL | 50 uL | | |
| LCSD 460-1019984/3 | | 3546, 8081B | | | 15.00 g | 10 mL | 100 uL | 50 uL | | |
| 160-57053-E-2 MS | | 3546, 8081B | | T | 15.07 g | 10 mL | 100 uL | 50 uL | | |
| 160-57053-E-2 MSD | | 3546, 8081B | | T | 15.05 g | 10 mL | 100 uL | 50 uL | | |
| 460-319954-E-1 | RX-21-01_0-2 | 3546, 8081B | Solid | T | 15.05 g | 10 mL | | 50 uL | | |
| 460-319954-E-2 | RX-18-01_0-2 | 3546, 8081B | Solid | T | 15.04 g | 10 mL | | 50 uL | | |
| 460-319954-E-3 | RX-20-01_0-2 | 3546, 8081B | Solid | T | 15.07 g | 10 mL | | 50 uL | | |
| 460-319954-E-4 | RX-22-01_0-2 | 3546, 8081B | Solid | T | 15.05 g | 10 mL | | 50 uL | | |
| 460-319954-E-5 | RX-19-01_0-2 | 3546, 8081B | Solid | T | 15.01 g | 10 mL | | 50 uL | | |
| 460-319954-E-6 | DUP_02052025 | 3546, 8081B | Solid | T | 15.08 g | 10 mL | | 50 uL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019984  Batch Start Date: 02/06/25 15:57  Batch Analyst: Alinea, Archilles R

Batch Method: 3546  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3546 / 8081 |
| Balance ID | 13 |
| Microwave Oven ID | MD-4965 |
| Analyst ID - Extraction | ARCHIE |
| Blank Matrix ID | 181427 |
| Analyst ID - Spike Analyst | ARCHE |
| Analyst ID - Spike Witness Analyst | JOSE |
| Prep Solvent ID | Hexane: 862004 & Acetone: 2762003 |
| Na2SO4 ID | 232415 |
| Analyst ID - Concentration | ARCHIE |
| Equipment ID - Concentration 1 | 31869 |
| Thermometer ID - Concentration 1 | 31869 |
| Concentration 1 Uncorrected Temperature | 34.0 Degrees C |
| Concentration 1 Corrected Temperature | 34.0 Degrees C |
| Vial Lot Number | 21126080 |
| Analyst ID - Clean Up | ARCHIE |
| Florisil ID | 6760093-03 |
| Copper ID | OP003 |
| Batch Comment | PEST/SOIL |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020298  Batch Start Date: 02/08/25 13:47  Batch Analyst: Huma, Zill E

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | OP_PESTSP_LVI 00034 | OPPSPCBSU_LVI 00024 | AnalysisComment |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020298/1 | | 3510C, 8081B | | | 250 mL | 1 mL | 7 SU | | 50 uL | |
| LCS 460-1020298/2 | | 3510C, 8081B | | | 250 mL | 1 mL | 7 SU | 50 uL | 50 uL | |
| LCSD 460-1020298/3 | | 3510C, 8081B | | | 250 mL | 1 mL | 7 SU | 50 uL | 50 uL | |
| 460-319954-H-7 | FB_02052025 | 3510C, 8081B | Water | T | 250 mL | 1 mL | 4 SU | | 50 uL | Split |

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8081 |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: 10BDH1341 |
| Analyst ID - Extraction | zh |
| Analyst ID - Spike Analyst | zh |
| Analyst ID - Spike Witness Analyst | NP |
| Sufficient Volume for Batch QC | Yes |
| Prep Solvent ID | JT Baker Dichloromethane : 662004 |
| Prep Solvent Volume Used | 40 ml mL |
| Analyst ID - Concentration | zh |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Exchange Solvent ID | JT Baker Hexane: 862004 |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | Pest Water |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# 8082A

## Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCBP1 # | DCBP2 # |
|---|---|---|---|---|---|
| RX-21-01_0-2 | 460-319954-1 | 64 | 65 | 70 | 73 |
| RX-18-01_0-2 | 460-319954-2 | 72 | 73 | 78 | 77 |
| RX-20-01_0-2 | 460-319954-3 | 83 | 82 | 85 | 86 |
| RX-22-01_0-2 | 460-319954-4 | 80 | 79 | 88 | 85 |
| RX-19-01_0-2 | 460-319954-5 | 73 | 71 | 85 | 83 |
| DUP_02052025 | 460-319954-6 | 100 | 97 | 102 | 106 |
| | MB 460-1019976/1-A | 94 | 93 | 106 | 99 |
| | LCS 460-1019976/2-A | 98 | 96 | 106 | 100 |
| | LCSD 460-1019976/3-A | 95 | 94 | 102 | 99 |
| | 160-57053-E-2-A MS | 78 | 78 | 121 | 96 |
| | 160-57053-E-2-B MSD | 71 | 73 | 115 | 92 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 20-150 |
| DCBP = DCB Decachlorobiphenyl | 20-150 |

# Column to be used to flag recovery values

FORM II 8082A

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): Rtx-CLP ID: 0.53(mm)

| Client Sample ID | Lab Sample ID | TCX1 # | TCX2 # | DCBP1 # | DCBP2 # |
|---|---|---|---|---|---|
| FB_02052025 | 460-319954-7 | 87 | 83 | 57 | 53 |
| | MB 460-1020297/1-A | 93 | 92 | 57 | 57 |
| | LCS 460-1020297/2-A | 92 | 91 | 57 | 57 |
| | LCSD 460-1020297/3-A | 95 | 95 | 59 | 58 |

| | QC LIMITS |
|---|---|
| TCX = Tetrachloro-m-xylene | 21-124 |
| DCBP = DCB Decachlorobiphenyl | 18-145 |

# Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0011950.D

Lab ID: LCS 460-1019976/2-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor 1016 | 0.333 | 0.341 | 102 | 54-136 | |
| Aroclor 1016 | 0.333 | 0.321 | 96 | 54-136 | |
| Aroclor 1260 | 0.333 | 0.355 | 106 | 53-145 | |
| Aroclor 1260 | 0.333 | 0.379 | 114 | 53-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 14F0012009.D

Lab ID: LCS 460-1020297/2-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCS CONCENTRATION (ug/L) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Aroclor 1016 | 4.00 | 4.40 | 110 | 42-120 | |
| Aroclor 1016 | 4.00 | 4.23 | 106 | 42-120 | |
| Aroclor 1260 | 4.00 | 4.74 | 119 | 42-126 | |
| Aroclor 1260 | 4.00 | 4.84 | 121 | 42-126 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0011951.D

Lab ID: LCSD 460-1019976/3-A Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | LCSD CONCENTRATION (mg/Kg) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.333 | 0.339 | 102 | 0 | 30 | 54-136 | |
| Aroclor 1016 | 0.333 | 0.332 | 100 | 3 | 30 | 54-136 | |
| Aroclor 1260 | 0.333 | 0.358 | 107 | 1 | 30 | 53-145 | |
| Aroclor 1260 | 0.333 | 0.360 | 108 | 5 | 30 | 53-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 14F0012010.D

Lab ID: LCSD 460-1020297/3-A Client ID:

| COMPOUND | SPIKE ADDED (ug/L) | LCSD CONCENTRATION (ug/L) | LCSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 4.00 | 4.56 | 114 | 4 | 30 | 42-120 | |
| Aroclor 1016 | 4.00 | 4.43 | 111 | 5 | 30 | 42-120 | |
| Aroclor 1260 | 4.00 | 4.79 | 120 | 1 | 30 | 42-126 | |
| Aroclor 1260 | 4.00 | 5.05 | 126 | 4 | 30 | 42-126 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0011954.D

Lab ID: 160-57053-E-2-A MS Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | SAMPLE CONCENTRATION (mg/Kg) | MS CONCENTRATION (mg/Kg) | MS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.482 | 0.097 U | 0.490 | 102 | 54-136 | |
| Aroclor 1016 | 0.482 | 0.097 U | 0.518 | 107 | 54-136 | |
| Aroclor 1260 | 0.482 | 0.097 U | 0.577 | 120 | 53-145 | |
| Aroclor 1260 | 0.482 | 0.097 U | 0.587 | 122 | 53-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 14F0011955.D

Lab ID: 160-57053-E-2-B MSD Client ID:

| COMPOUND | SPIKE ADDED (mg/Kg) | MSD CONCENTRATION (mg/Kg) | MSD % REC | % RPD | QC LIMITS RPD | QC LIMITS REC | # |
|---|---|---|---|---|---|---|---|
| Aroclor 1016 | 0.483 | 0.502 | 104 | 2 | 30 | 54-136 | |
| Aroclor 1016 | 0.483 | 0.506 | 105 | 2 | 30 | 54-136 | |
| Aroclor 1260 | 0.483 | 0.592 | 122 | 3 | 30 | 53-145 | |
| Aroclor 1260 | 0.483 | 0.594 | 123 | 1 | 30 | 53-145 | |

# Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: MB 460-1019976/1-A

Matrix: Solid  Date Extracted: 02/06/2025 15:37

Lab File ID:(1) 14F0011952.D  Lab File ID:(2) 14F0011952.D

Date Analyzed:(1) 02/07/2025 15:33  Date Analyzed:(2) 02/07/2025 15:33

Instrument ID:(1) CPESTGC14  Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm)  GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 460-1019976/2-A | 02/07/2025 15:00 | 02/07/2025 15:00 |
| | LCSD 460-1019976/3-A | 02/07/2025 15:17 | 02/07/2025 15:17 |
| | 160-57053-E-2-A MS | 02/07/2025 16:07 | 02/07/2025 16:07 |
| | 160-57053-E-2-B MSD | 02/07/2025 16:24 | 02/07/2025 16:24 |
| RX-21-01_0-2 | 460-319954-1 | 02/07/2025 20:00 | 02/07/2025 20:00 |
| RX-18-01_0-2 | 460-319954-2 | 02/07/2025 20:16 | 02/07/2025 20:16 |
| RX-20-01_0-2 | 460-319954-3 | 02/07/2025 20:33 | 02/07/2025 20:33 |
| RX-22-01_0-2 | 460-319954-4 | 02/07/2025 20:50 | 02/07/2025 20:50 |
| RX-19-01_0-2 | 460-319954-5 | 02/07/2025 21:06 | 02/07/2025 21:06 |
| DUP_02052025 | 460-319954-6 | 02/07/2025 21:23 | 02/07/2025 21:23 |

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: MB 460-1020297/1-A

Matrix: Water  Date Extracted: 02/08/2025 13:45

Lab File ID:(1) 14F0012011.D  Lab File ID:(2) 14F0012011.D

Date Analyzed:(1) 02/09/2025 09:12  Date Analyzed:(2) 02/09/2025 09:12

Instrument ID:(1) CPESTGC14  Instrument ID:(2) CPESTGC14

GC Column:(1) CLP-2 ID: 0.53(mm)  GC Column:(2) Rtx-CLP ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|
| | LCS 460-1020297/2-A | 02/09/2025 08:39 | 02/09/2025 08:39 |
| | LCSD 460-1020297/3-A | 02/09/2025 08:56 | 02/09/2025 08:56 |
| FB_02052025 | 460-319954-7 | 02/09/2025 09:29 | 02/09/2025 09:29 |

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1002996/4 Date Analyzed: 10/23/2024 10:36

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0008281.D Heated Purge: (Y/N) N

Calibration ID: 98937

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 78847451 | 2.29 | | | | |
| UPPER LIMIT | | 157694902 | 2.36 | | | | |
| LOWER LIMIT | | 39423726 | 2.22 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1002996/7 | | 76321339 | 2.29 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: IC 460-1002996/4 Date Analyzed: 10/23/2024 10:36

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0008281.D Heated Purge: (Y/N) N

Calibration ID: 98938

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| INITIAL CALIBRATION MID-POINT | | 175462676 | 1.96 | | | | |
| UPPER LIMIT | | 350925352 | 2.03 | | | | |
| LOWER LIMIT | | 87731338 | 1.89 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 460-1002996/7 | | 172678729 | 1.96 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020184/2  Date Analyzed: 02/07/2025 13:53

Instrument ID: CPESTGC14  GC Column: Rtx-CLP  ID: 0.53(mm)

Lab File ID (Standard): 14F0011946.D  Heated Purge: (Y/N) N

Calibration ID: 98979

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 123848062 | 2.23 | | | | |
| UPPER LIMIT | | 247696124 | 2.30 | | | | |
| LOWER LIMIT | | 61924031 | 2.16 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1019976/2-A | | 111575295 | 2.22 | | | | |
| LCSD 460-1019976/3-A | | 109871661 | 2.22 | | | | |
| MB 460-1019976/1-A | | 113942894 | 2.22 | | | | |
| 160-57053-E-2-A MS | | 100374038 | 2.22 | | | | |
| 160-57053-E-2-B MSD | | 95742467 | 2.22 | | | | |
| 460-319954-1 | RX-21-01_0-2 | 111585537 | 2.22 | | | | |
| 460-319954-2 | RX-18-01_0-2 | 111243630 | 2.22 | | | | |
| 460-319954-3 | RX-20-01_0-2 | 116075953 | 2.22 | | | | |
| 460-319954-4 | RX-22-01_0-2 | 120084274 | 2.22 | | | | |
| 460-319954-5 | RX-19-01_0-2 | 117516760 | 2.22 | | | | |
| 460-319954-6 | DUP_02052025 | 115869472 | 2.22 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020184/2 Date Analyzed: 02/07/2025 13:53

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0011946.D Heated Purge: (Y/N) N

Calibration ID: 98980

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 296240810 | 1.91 | | | | |
| UPPER LIMIT | | 592481620 | 1.98 | | | | |
| LOWER LIMIT | | 148120405 | 1.84 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1019976/2-A | | 250918954 | 1.91 | | | | |
| LCSD 460-1019976/3-A | | 253916001 | 1.91 | | | | |
| MB 460-1019976/1-A | | 257095199 | 1.91 | | | | |
| 160-57053-E-2-A MS | | 201422704 | 1.91 | | | | |
| 160-57053-E-2-B MSD | | 190413180 | 1.91 | | | | |
| 460-319954-1 | RX-21-01_0-2 | 263782481 | 1.91 | | | | |
| 460-319954-2 | RX-18-01_0-2 | 257390157 | 1.91 | | | | |
| 460-319954-3 | RX-20-01_0-2 | 272406741 | 1.91 | | | | |
| 460-319954-4 | RX-22-01_0-2 | 276945350 | 1.91 | | | | |
| 460-319954-5 | RX-19-01_0-2 | 257955837 | 1.91 | | | | |
| 460-319954-6 | DUP_02052025 | 273846952 | 1.91 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020345/2 Date Analyzed: 02/09/2025 07:32

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 14F0012005.D Heated Purge: (Y/N) N

Calibration ID: 98979

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 130943029 | 2.22 | | | | |
| UPPER LIMIT | | 261886058 | 2.29 | | | | |
| LOWER LIMIT | | 65471515 | 2.15 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020297/2-A | | 104137265 | 2.22 | | | | |
| LCSD 460-1020297/3-A | | 89951768 | 2.22 | | | | |
| MB 460-1020297/1-A | | 107094910 | 2.22 | | | | |
| 460-319954-7 | FB_02052025 | 104762654 | 2.22 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Sample No.: CCVIS 460-1020345/2 Date Analyzed: 02/09/2025 07:32

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 14F0012005.D Heated Purge: (Y/N) N

Calibration ID: 98980

| | | BNB | | | | | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | # | RT # | # | RT # |
| 12/24 HOUR STD | | 307284032 | 1.90 | | | | |
| UPPER LIMIT | | 614568064 | 1.97 | | | | |
| LOWER LIMIT | | 153642016 | 1.83 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 460-1020297/2-A | | 251010598 | 1.91 | | | | |
| LCSD 460-1020297/3-A | | 211919741 | 1.91 | | | | |
| MB 460-1020297/1-A | | 256374930 | 1.91 | | | | |
| 460-319954-7 | FB_02052025 | 237749144 | 1.90 | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-1019976/2-A

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/07/2025 15:00  Date Analyzed (2): 02/07/2025 15:00

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 3.00 | 3.14 | 0.330 | 0.321 | 6.0 |
| | | 2 | 3.48 | 3.41 | 3.55 | 0.318 | | |
| | | 3 | 3.71 | 3.64 | 3.78 | 0.327 | | |
| | | 4 | 4.02 | 3.95 | 4.09 | 0.318 | | |
| | | 5 | 4.17 | 4.10 | 4.24 | 0.306 | | |
| | | 6 | 4.24 | 4.18 | 4.32 | 0.318 | | |
| | | 7 | 4.66 | 4.60 | 4.74 | 0.321 | | |
| | | 8 | 5.12 | 5.06 | 5.20 | 0.332 | | |
| | 2 | 1 | 3.96 | 3.93 | 3.99 | 0.337 | 0.341 | |
| | | 2 | 4.49 | 4.43 | 4.57 | 0.322 | | |
| | | 3 | 5.09 | 5.03 | 5.17 | 0.325 | | |
| | | 4 | 5.26 | 5.20 | 5.34 | 0.327 | | |
| | | 5 | 5.40 | 5.33 | 5.47 | 0.321 | | |
| | | 6 | 5.91 | 5.84 | 5.98 | 0.339 | | |
| | | 7 | 6.08 | 6.02 | 6.16 | 0.362 | | |
| | | 8 | 6.54 | 6.48 | 6.62 | 0.395 | | |
| Aroclor 1260 | 1 | 1 | 6.21 | 6.14 | 6.28 | 0.361 | 0.379 | 6.6 |
| | | 2 | 6.62 | 6.55 | 6.69 | 0.352 | | |
| | | 3 | 7.25 | 7.19 | 7.33 | 0.378 | | |
| | | 4 | 7.68 | 7.61 | 7.75 | 0.400 | | |
| | | 5 | 8.26 | 8.19 | 8.33 | 0.375 | | |
| | | 6 | 8.81 | 8.75 | 8.89 | 0.362 | | |
| | | 7 | 9.00 | 8.93 | 9.07 | 0.410 | | |
| | | 8 | 9.95 | 9.89 | 10.03 | 0.393 | | |
| | 2 | 1 | 7.74 | 7.71 | 7.77 | 0.336 | 0.355 | |
| | | 2 | 8.04 | 7.98 | 8.12 | 0.329 | | |
| | | 3 | 8.47 | 8.41 | 8.55 | 0.339 | | |
| | | 4 | 9.44 | 9.38 | 9.52 | 0.379 | | |
| | | 5 | 9.91 | 9.85 | 9.99 | 0.357 | | |
| | | 6 | 10.24 | 10.18 | 10.32 | 0.358 | | |
| | | 7 | 10.66 | 10.60 | 10.74 | 0.359 | | |
| | | 8 | 11.23 | 11.17 | 11.31 | 0.379 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-1019976/3-A

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/07/2025 15:17  Date Analyzed (2): 02/07/2025 15:17

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 3.00 | 3.14 | 0.342 | 0.332 | 2.1 |
| | | 2 | 3.48 | 3.41 | 3.55 | 0.322 | | |
| | | 3 | 3.71 | 3.64 | 3.78 | 0.339 | | |
| | | 4 | 4.02 | 3.95 | 4.09 | 0.320 | | |
| | | 5 | 4.17 | 4.10 | 4.24 | 0.321 | | |
| | | 6 | 4.25 | 4.18 | 4.32 | 0.332 | | |
| | | 7 | 4.67 | 4.60 | 4.74 | 0.326 | | |
| | | 8 | 5.13 | 5.06 | 5.20 | 0.357 | | |
| | 2 | 1 | 3.96 | 3.93 | 3.99 | 0.335 | 0.339 | |
| | | 2 | 4.49 | 4.43 | 4.57 | 0.325 | | |
| | | 3 | 5.09 | 5.03 | 5.17 | 0.321 | | |
| | | 4 | 5.26 | 5.20 | 5.34 | 0.324 | | |
| | | 5 | 5.40 | 5.33 | 5.47 | 0.324 | | |
| | | 6 | 5.91 | 5.84 | 5.98 | 0.336 | | |
| | | 7 | 6.08 | 6.02 | 6.16 | 0.360 | | |
| | | 8 | 6.54 | 6.48 | 6.62 | 0.391 | | |
| Aroclor 1260 | 1 | 1 | 6.21 | 6.14 | 6.28 | 0.337 | 0.360 | 0.7 |
| | | 2 | 6.62 | 6.55 | 6.69 | 0.324 | | |
| | | 3 | 7.25 | 7.19 | 7.33 | 0.335 | | |
| | | 4 | 7.68 | 7.61 | 7.75 | 0.375 | | |
| | | 5 | 8.26 | 8.19 | 8.33 | 0.356 | | |
| | | 6 | 8.81 | 8.75 | 8.89 | 0.350 | | |
| | | 7 | 9.00 | 8.93 | 9.07 | 0.405 | | |
| | | 8 | 9.96 | 9.89 | 10.03 | 0.400 | | |
| | 2 | 1 | 7.74 | 7.71 | 7.77 | 0.334 | 0.358 | |
| | | 2 | 8.05 | 7.98 | 8.12 | 0.329 | | |
| | | 3 | 8.47 | 8.41 | 8.55 | 0.339 | | |
| | | 4 | 9.45 | 9.38 | 9.52 | 0.381 | | |
| | | 5 | 9.91 | 9.85 | 9.99 | 0.362 | | |
| | | 6 | 10.24 | 10.18 | 10.32 | 0.364 | | |
| | | 7 | 10.66 | 10.60 | 10.74 | 0.366 | | |
| | | 8 | 11.24 | 11.17 | 11.31 | 0.386 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: 160-57053-E-2-A MS

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/07/2025 16:07  Date Analyzed (2): 02/07/2025 16:07

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 3.00 | 3.14 | 0.546 | 0.518 | 5.5 |
| | | 2 | 3.48 | 3.41 | 3.55 | 0.574 | | |
| | | 3 | 3.71 | 3.64 | 3.78 | 0.280 | | |
| | | 4 | 4.01 | 3.95 | 4.09 | 0.535 | | |
| | | 5 | 4.17 | 4.10 | 4.24 | 0.625 | | |
| | | 6 | 4.24 | 4.18 | 4.32 | 0.565 | | |
| | | 7 | 4.66 | 4.60 | 4.74 | 0.507 | | |
| | | 8 | 5.12 | 5.06 | 5.20 | 0.515 | | |
| | 2 | 1 | 3.96 | 3.93 | 3.99 | 0.466 | 0.490 | |
| | | 2 | 4.50 | 4.43 | 4.57 | 0.480 | | |
| | | 3 | 5.10 | 5.03 | 5.17 | 0.500 | | |
| | | 4 | 5.27 | 5.20 | 5.34 | 0.492 | | |
| | | 5 | 5.40 | 5.33 | 5.47 | 0.450 | | |
| | | 6 | 5.91 | 5.84 | 5.98 | 0.445 | | |
| | | 7 | 6.09 | 6.02 | 6.16 | 0.527 | | |
| | | 8 | 6.55 | 6.48 | 6.62 | 0.562 | | |
| Aroclor 1260 | 1 | 1 | 6.21 | 6.14 | 6.28 | 0.490 | 0.587 | 1.8 |
| | | 2 | 6.62 | 6.55 | 6.69 | 0.571 | | |
| | | 3 | 7.25 | 7.19 | 7.33 | 0.538 | | |
| | | 4 | 7.68 | 7.61 | 7.75 | 0.612 | | |
| | | 5 | 8.26 | 8.19 | 8.33 | 0.490 | | |
| | | 6 | 8.81 | 8.75 | 8.89 | 0.602 | | |
| | | 7 | 9.00 | 8.93 | 9.07 | 0.676 | | |
| | | 8 | 9.95 | 9.89 | 10.03 | 0.717 | | |
| | 2 | 1 | 7.74 | 7.71 | 7.77 | 0.487 | 0.577 | |
| | | 2 | 8.05 | 7.98 | 8.12 | 0.471 | | |
| | | 3 | 8.47 | 8.41 | 8.55 | 0.554 | | |
| | | 4 | 9.45 | 9.38 | 9.52 | 0.604 | | |
| | | 5 | 9.92 | 9.85 | 9.99 | 0.581 | | |
| | | 6 | 10.25 | 10.18 | 10.32 | 0.615 | | |
| | | 7 | 10.67 | 10.60 | 10.74 | 0.630 | | |
| | | 8 | 11.24 | 11.17 | 11.31 | 0.672 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: 160-57053-E-2-B MSD

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/07/2025 16:24  Date Analyzed (2): 02/07/2025 16:24

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 3.00 | 3.14 | 0.530 | 0.506 | 0.7 |
| | | 2 | 3.48 | 3.41 | 3.55 | 0.557 | | |
| | | 3 | 3.71 | 3.64 | 3.78 | 0.287 | | |
| | | 4 | 4.02 | 3.95 | 4.09 | 0.533 | | |
| | | 5 | 4.17 | 4.10 | 4.24 | 0.614 | | |
| | | 6 | 4.25 | 4.18 | 4.32 | 0.539 | | |
| | | 7 | 4.66 | 4.60 | 4.74 | 0.496 | | |
| | | 8 | 5.13 | 5.06 | 5.20 | 0.490 | | |
| | 2 | 1 | 3.96 | 3.93 | 3.99 | 0.461 | 0.502 | |
| | | 2 | 4.50 | 4.43 | 4.57 | 0.494 | | |
| | | 3 | 5.09 | 5.03 | 5.17 | 0.512 | | |
| | | 4 | 5.27 | 5.20 | 5.34 | 0.504 | | |
| | | 5 | 5.40 | 5.33 | 5.47 | 0.464 | | |
| | | 6 | 5.91 | 5.84 | 5.98 | 0.457 | | |
| | | 7 | 6.08 | 6.02 | 6.16 | 0.543 | | |
| | | 8 | 6.54 | 6.48 | 6.62 | 0.582 | | |
| Aroclor 1260 | 1 | 1 | 6.21 | 6.14 | 6.28 | 0.511 | 0.594 | 0.2 |
| | | 2 | 6.62 | 6.55 | 6.69 | 0.592 | | |
| | | 3 | 7.26 | 7.19 | 7.33 | 0.530 | | |
| | | 4 | 7.68 | 7.61 | 7.75 | 0.626 | | |
| | | 5 | 8.26 | 8.19 | 8.33 | 0.511 | | |
| | | 6 | 8.81 | 8.75 | 8.89 | 0.608 | | |
| | | 7 | 9.00 | 8.93 | 9.07 | 0.656 | | |
| | | 8 | 9.95 | 9.89 | 10.03 | 0.715 | | |
| | 2 | 1 | 7.74 | 7.71 | 7.77 | 0.504 | 0.592 | |
| | | 2 | 8.05 | 7.98 | 8.12 | 0.490 | | |
| | | 3 | 8.47 | 8.41 | 8.55 | 0.574 | | |
| | | 4 | 9.44 | 9.38 | 9.52 | 0.621 | | |
| | | 5 | 9.91 | 9.85 | 9.99 | 0.600 | | |
| | | 6 | 10.24 | 10.18 | 10.32 | 0.628 | | |
| | | 7 | 10.66 | 10.60 | 10.74 | 0.646 | | |
| | | 8 | 11.24 | 11.17 | 11.31 | 0.675 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 460-1020297/2-A

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/09/2025 08:39  Date Analyzed (2): 02/09/2025 08:39

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 2.99 | 3.13 | 4.00 | 4.23 | 4.0 |
| | | 2 | 3.48 | 3.40 | 3.54 | 3.96 | | |
| | | 3 | 3.71 | 3.63 | 3.77 | 4.39 | | |
| | | 4 | 4.02 | 3.94 | 4.08 | 4.10 | | |
| | | 5 | 4.17 | 4.09 | 4.23 | 4.06 | | |
| | | 6 | 4.24 | 4.17 | 4.31 | 4.45 | | |
| | | 7 | 4.66 | 4.59 | 4.73 | 4.26 | | |
| | | 8 | 5.12 | 5.05 | 5.19 | 4.58 | | |
| | 2 | 1 | 3.96 | 3.92 | 3.98 | 4.29 | 4.40 | |
| | | 2 | 4.49 | 4.42 | 4.56 | 4.15 | | |
| | | 3 | 5.09 | 5.01 | 5.15 | 4.17 | | |
| | | 4 | 5.26 | 5.18 | 5.32 | 4.12 | | |
| | | 5 | 5.39 | 5.32 | 5.46 | 4.16 | | |
| | | 6 | 5.90 | 5.83 | 5.97 | 4.35 | | |
| | | 7 | 6.08 | 6.00 | 6.14 | 4.66 | | |
| | | 8 | 6.54 | 6.46 | 6.60 | 5.28 | | |
| Aroclor 1260 | 1 | 1 | 6.20 | 6.13 | 6.27 | 4.43 | 4.84 | 2.0 |
| | | 2 | 6.61 | 6.53 | 6.67 | 4.43 | | |
| | | 3 | 7.25 | 7.17 | 7.31 | 4.46 | | |
| | | 4 | 7.67 | 7.59 | 7.73 | 4.90 | | |
| | | 5 | 8.25 | 8.17 | 8.31 | 4.93 | | |
| | | 6 | 8.81 | 8.73 | 8.87 | 5.11 | | |
| | | 7 | 9.00 | 8.92 | 9.06 | 5.30 | | |
| | | 8 | 9.95 | 9.87 | 10.01 | 5.15 | | |
| | 2 | 1 | 7.73 | 7.69 | 7.75 | 4.33 | 4.74 | |
| | | 2 | 8.04 | 7.96 | 8.10 | 4.28 | | |
| | | 3 | 8.46 | 8.39 | 8.53 | 4.39 | | |
| | | 4 | 9.44 | 9.36 | 9.50 | 5.30 | | |
| | | 5 | 9.91 | 9.83 | 9.97 | 4.86 | | |
| | | 6 | 10.24 | 10.16 | 10.30 | 4.83 | | |
| | | 7 | 10.65 | 10.57 | 10.71 | 4.84 | | |
| | | 8 | 11.21 | 11.14 | 11.28 | 5.11 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCSD 460-1020297/3-A

Instrument ID (1): CPESTGC14  Instrument ID (2): CPESTGC14

Date Analyzed (1): 02/09/2025 08:56  Date Analyzed (2): 02/09/2025 08:56

GC Column (1): CLP-2 ID: 0.53(mm)  GC Column (2): Rtx-CLP ID: 0.53(mm)

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | RPD |
|---|---|---|---|---|---|---|---|---|
| | | | | FROM | TO | PEAK | MEAN | |
| Aroclor 1016 | 1 | 1 | 3.07 | 2.99 | 3.13 | 4.11 | 4.43 | 2.9 |
| | | 2 | 3.48 | 3.40 | 3.54 | 4.16 | | |
| | | 3 | 3.71 | 3.63 | 3.77 | 4.46 | | |
| | | 4 | 4.02 | 3.94 | 4.08 | 4.32 | | |
| | | 5 | 4.17 | 4.09 | 4.23 | 4.29 | | |
| | | 6 | 4.24 | 4.17 | 4.31 | 4.53 | | |
| | | 7 | 4.66 | 4.59 | 4.73 | 4.58 | | |
| | | 8 | 5.12 | 5.05 | 5.19 | 4.98 | | |
| | 2 | 1 | 3.96 | 3.92 | 3.98 | 4.42 | 4.56 | |
| | | 2 | 4.49 | 4.42 | 4.56 | 4.31 | | |
| | | 3 | 5.09 | 5.01 | 5.15 | 4.36 | | |
| | | 4 | 5.26 | 5.18 | 5.32 | 4.31 | | |
| | | 5 | 5.40 | 5.32 | 5.46 | 4.36 | | |
| | | 6 | 5.90 | 5.83 | 5.97 | 4.55 | | |
| | | 7 | 6.08 | 6.00 | 6.14 | 4.86 | | |
| | | 8 | 6.54 | 6.46 | 6.60 | 5.30 | | |
| Aroclor 1260 | 1 | 1 | 6.20 | 6.13 | 6.27 | 4.77 | 5.05 | 5.3 |
| | | 2 | 6.61 | 6.53 | 6.67 | 4.73 | | |
| | | 3 | 7.25 | 7.17 | 7.31 | 4.79 | | |
| | | 4 | 7.67 | 7.59 | 7.73 | 5.29 | | |
| | | 5 | 8.25 | 8.17 | 8.31 | 5.07 | | |
| | | 6 | 8.81 | 8.73 | 8.87 | 4.93 | | |
| | | 7 | 8.99 | 8.92 | 9.06 | 5.52 | | |
| | | 8 | 9.95 | 9.87 | 10.01 | 5.33 | | |
| | 2 | 1 | 7.73 | 7.69 | 7.75 | 4.50 | 4.79 | |
| | | 2 | 8.04 | 7.96 | 8.10 | 4.42 | | |
| | | 3 | 8.47 | 8.39 | 8.53 | 4.53 | | |
| | | 4 | 9.44 | 9.36 | 9.50 | 5.10 | | |
| | | 5 | 9.91 | 9.83 | 9.97 | 4.85 | | |
| | | 6 | 10.24 | 10.16 | 10.30 | 4.87 | | |
| | | 7 | 10.65 | 10.57 | 10.71 | 4.90 | | |
| | | 8 | 11.22 | 11.14 | 11.28 | 5.16 | | |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: 14F0011968.D

Analysis Method: 8082A | Date Collected: 02/05/2025 08:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 20:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 73 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 65 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D
Lims ID: 460-319954-E-1-A
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:00:12 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 111585537 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 263782481 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 173421816 | 32.7 | |
| 2 | 2.657 | 2.658 | -0.001 | 462760329 | 31.9 | |
| | | | | | RPD = 2.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.767 | 11.787 | -0.020 | 134445480 | 36.6 | |
| 2 | 10.526 | 10.535 | -0.009 | 355098836 | 34.9 | |
| | | | | | RPD = 4.72 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

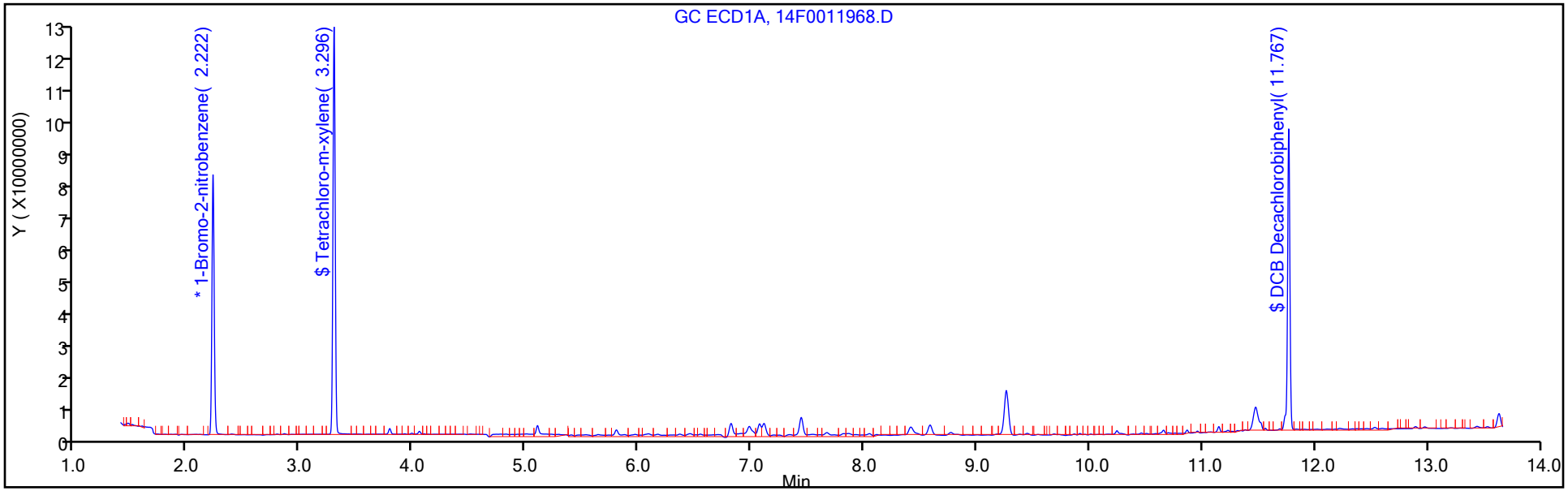
Report Date: 10-Feb-2025 08:14:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

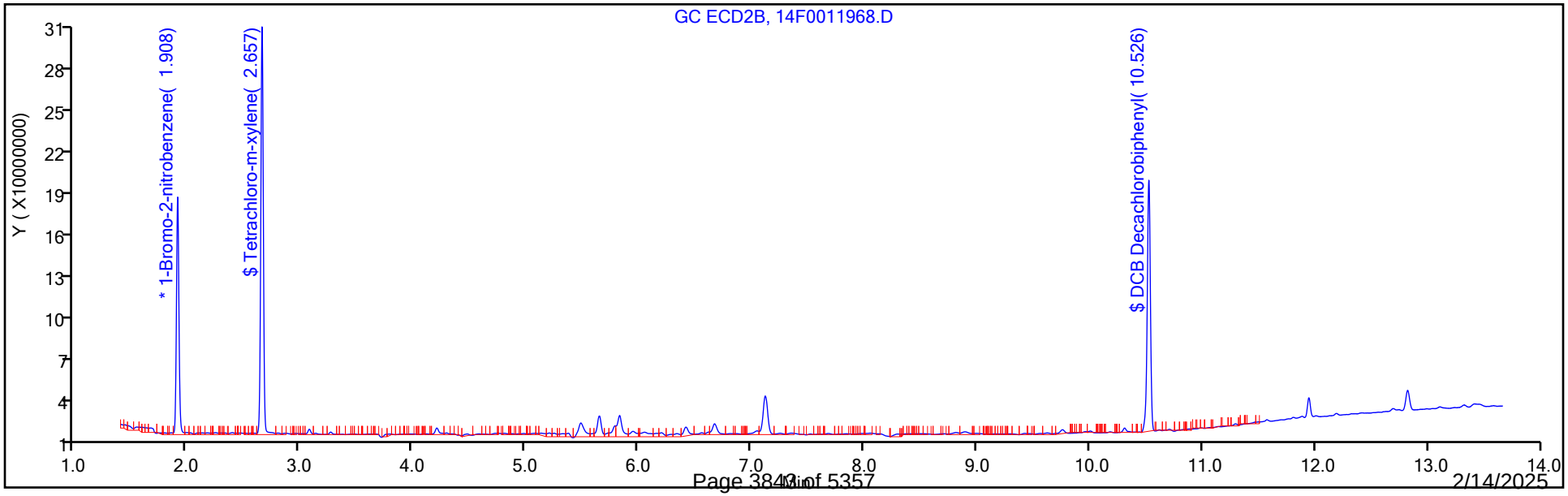
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:00:12 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-1-A | Lab Sample ID: | 460-319954-1 | Worklist Smp#: | 24 |
| Client ID: | RX-21-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D | | | | |
| Lims ID: | 460-319954-E-1-A | | | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:00:12 | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-024 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:08 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 32.7 | 65.31 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 36.6 | 73.12 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 31.9 | 63.87 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 34.9 | 69.75 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Matrix: Solid | Lab File ID: 14F0011968.D

Analysis Method: 8082A | Date Collected: 02/05/2025 08:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 20:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.6 % Solids: 99.4 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.067 | U | 0.067 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.067 | U | 0.067 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.067 | U | 0.067 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.067 | U | 0.067 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.067 | U | 0.067 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.067 | U | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.067 | U | 0.067 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.067 | U | 0.067 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.067 | U | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 70 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 64 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D
Lims ID: 460-319954-E-1-A
Client ID: RX-21-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:00:12 ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-024
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:08

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 111585537 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 263782481 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 173421816 | 32.7 | |
| 2 | 2.657 | 2.658 | -0.001 | 462760329 | 31.9 | |
| | | | | | RPD = 2.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.767 | 11.787 | -0.020 | 134445480 | 36.6 | |
| 2 | 10.526 | 10.535 | -0.009 | 355098836 | 34.9 | |
| | | | | | RPD = 4.72 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

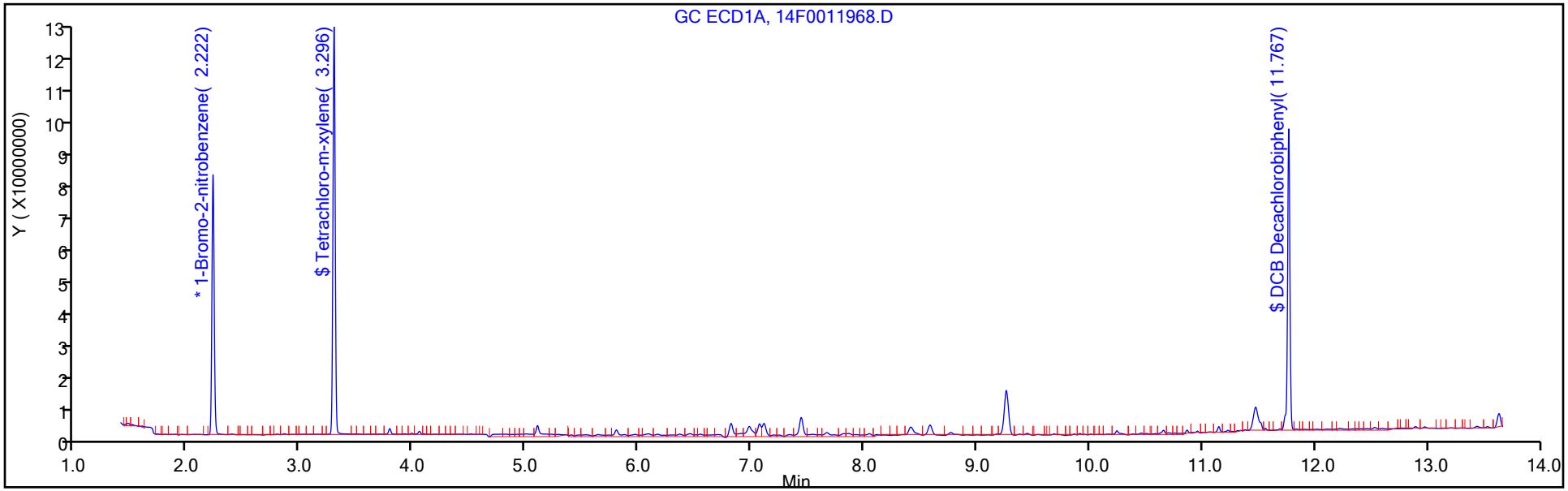
Report Date: 10-Feb-2025 08:14:37 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

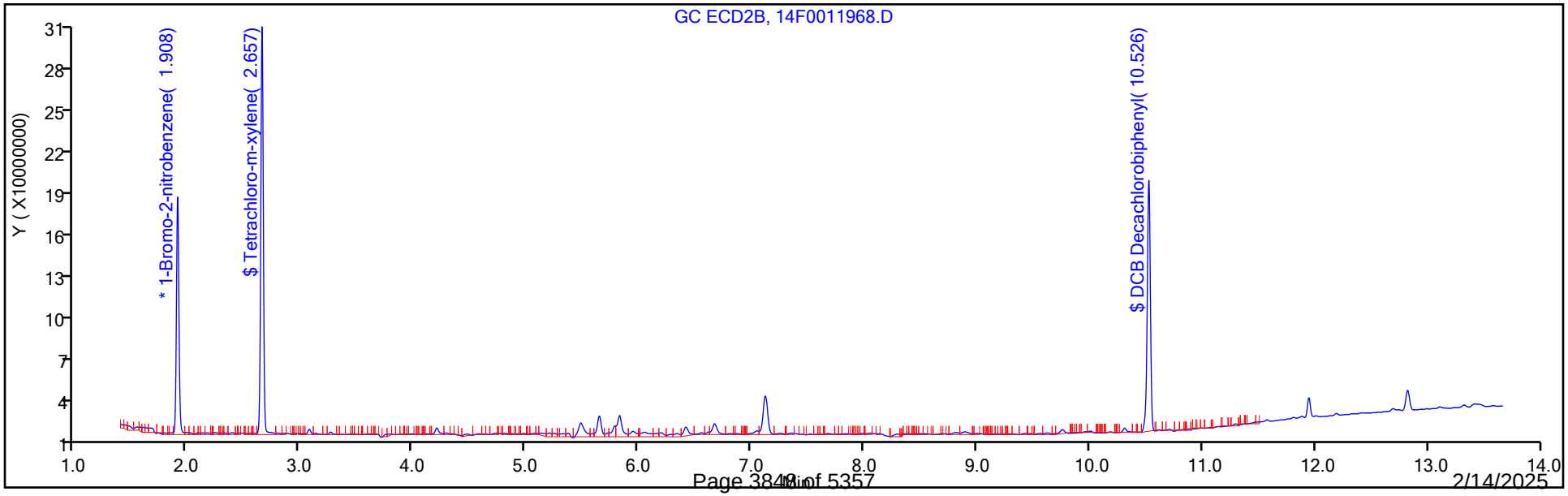
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:00:12 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-1-A | Lab Sample ID: | 460-319954-1 | Worklist Smp#: | 24 |
| Client ID: | RX-21-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 24 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011968.D | | | | |
| Lims ID: | 460-319954-E-1-A | | | | |
| Client ID: | RX-21-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:00:12 | ALS Bottle#: | 24 | Worklist Smp#: | 24 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-024 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:08 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 32.7 | 65.31 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 36.6 | 73.12 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 31.9 | 63.87 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 34.9 | 69.75 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: 14F0011969.D

Analysis Method: 8082A | Date Collected: 02/05/2025 09:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 20:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 77 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 73 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D
Lims ID: 460-319954-E-2-A
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:16:45 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 111243630 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 257390157 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 193131260 | 36.5 | |
| 2 | 2.658 | 2.658 | 0.000 | 512440199 | 36.2 | |
| | | | | | RPD = 0.65 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.757 | 11.787 | -0.030 | 141785551 | 38.7 | |
| 2 | 10.521 | 10.535 | -0.014 | 385843409 | 38.8 | |
| | | | | | RPD = 0.41 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

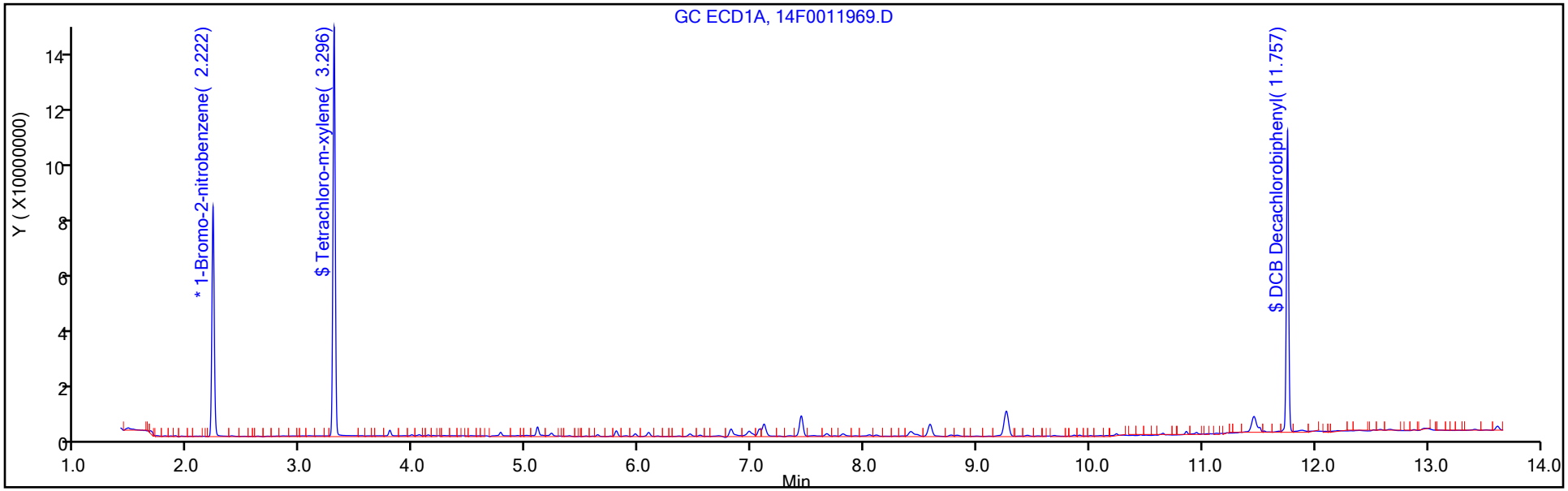
Report Date: 10-Feb-2025 08:14:39 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

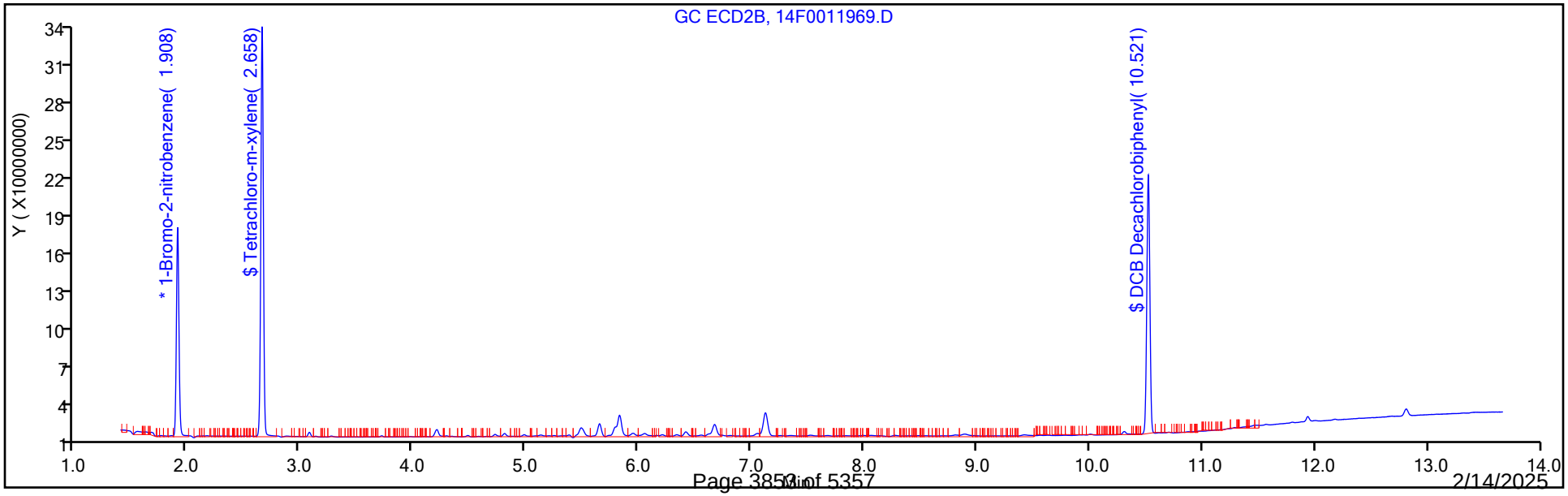
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:16:45 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-2-A | Lab Sample ID: | 460-319954-2 | Worklist Smp#: | 25 |
| Client ID: | RX-18-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D | | | | |
| Lims ID: | 460-319954-E-2-A | | | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:16:45 | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-025 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:20 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.5 | 72.96 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 38.7 | 77.35 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.2 | 72.48 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 38.8 | 77.67 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Matrix: Solid | Lab File ID: 14F0011969.D

Analysis Method: 8082A | Date Collected: 02/05/2025 09:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 20:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.0 % Solids: 99.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.067 | U | 0.067 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.067 | U | 0.067 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.067 | U | 0.067 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.067 | U | 0.067 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.067 | U | 0.067 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.067 | U | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.067 | U | 0.067 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.067 | U | 0.067 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.067 | U | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 78 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 72 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D
Lims ID: 460-319954-E-2-A
Client ID: RX-18-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:16:45 ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-025
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 111243630 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 257390157 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 193131260 | 36.5 | |
| 2 | 2.658 | 2.658 | 0.000 | 512440199 | 36.2 | |
| | | | | | RPD = 0.65 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.757 | 11.787 | -0.030 | 141785551 | 38.7 | |
| 2 | 10.521 | 10.535 | -0.014 | 385843409 | 38.8 | |
| | | | | | RPD = 0.41 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

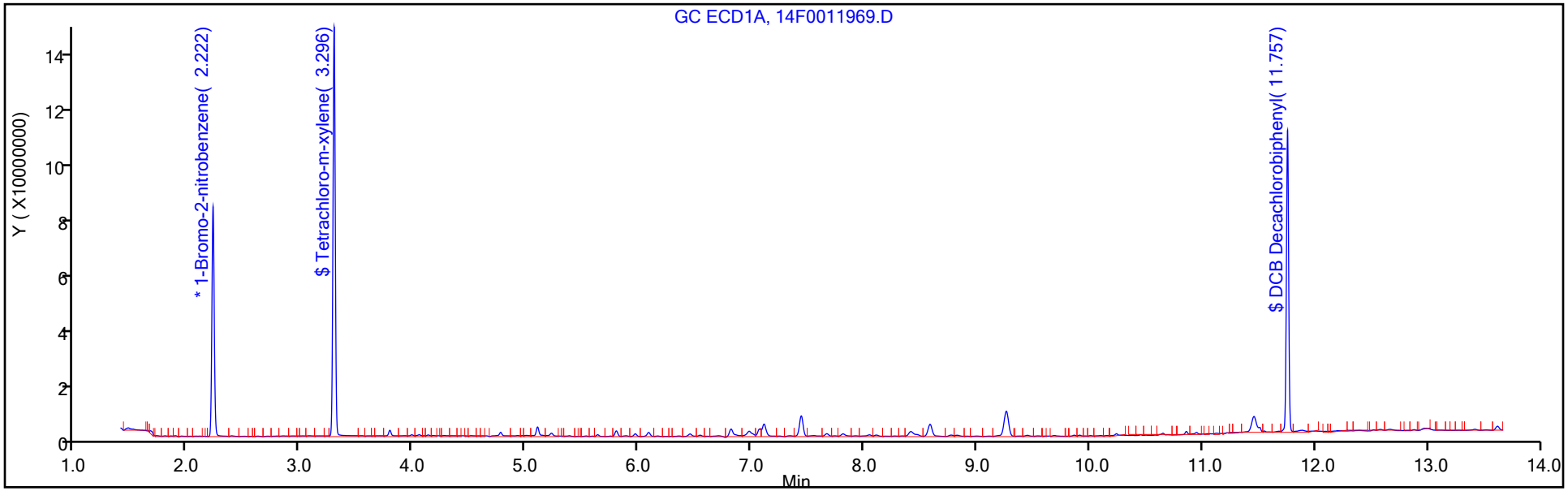
Report Date: 10-Feb-2025 08:14:39 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

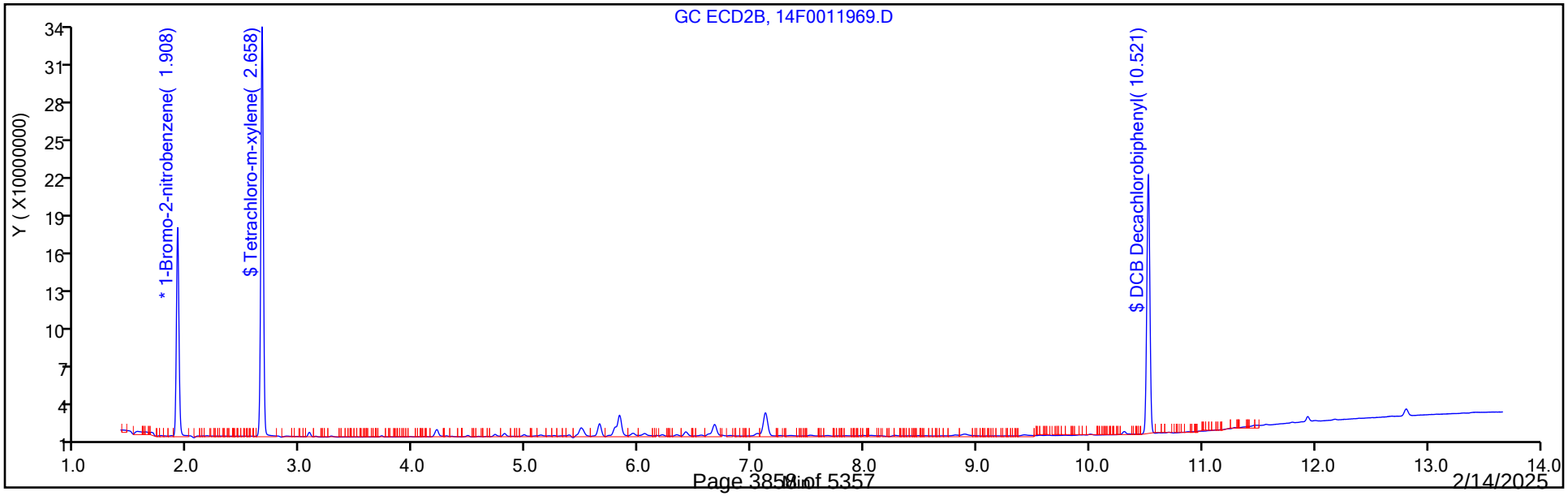
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:16:45 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-2-A | Lab Sample ID: | 460-319954-2 | Worklist Smp#: | 25 |
| Client ID: | RX-18-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011969.D | | | | |
| Lims ID: | 460-319954-E-2-A | | | | |
| Client ID: | RX-18-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:16:45 | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-025 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:20 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.5 | 72.96 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 38.7 | 77.35 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.2 | 72.48 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 38.8 | 77.67 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2  Lab Sample ID: 460-319954-3

Matrix: Solid  Lab File ID: 14F0011970.D

Analysis Method: 8082A  Date Collected: 02/05/2025 11:10

Extraction Method: 3546  Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.07(g)  Date Analyzed: 02/07/2025 20:33

Con. Extract Vol.: 10(mL)  Dilution Factor: 1

Injection Volume: 1(uL)  GC Column: Rtx-CLP  ID: 0.53(mm)

% Moisture: 0.9  % Solids: 99.1  GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184  Units: mg/Kg

Preparation Batch No.: 1019976  Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 86 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 82 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D
Lims ID: 460-319954-E-3-A
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:33:27 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:43

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 116075953 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 272406741 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 227863434 | 41.2 | |
| 2 | 2.656 | 2.658 | -0.002 | 624161111 | 41.7 | |
| | | | | | RPD = 1.11 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.769 | 11.787 | -0.018 | 164390264 | 43.0 | |
| 2 | 10.527 | 10.535 | -0.008 | 447124226 | 42.5 | |
| | | | | | RPD = 1.06 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

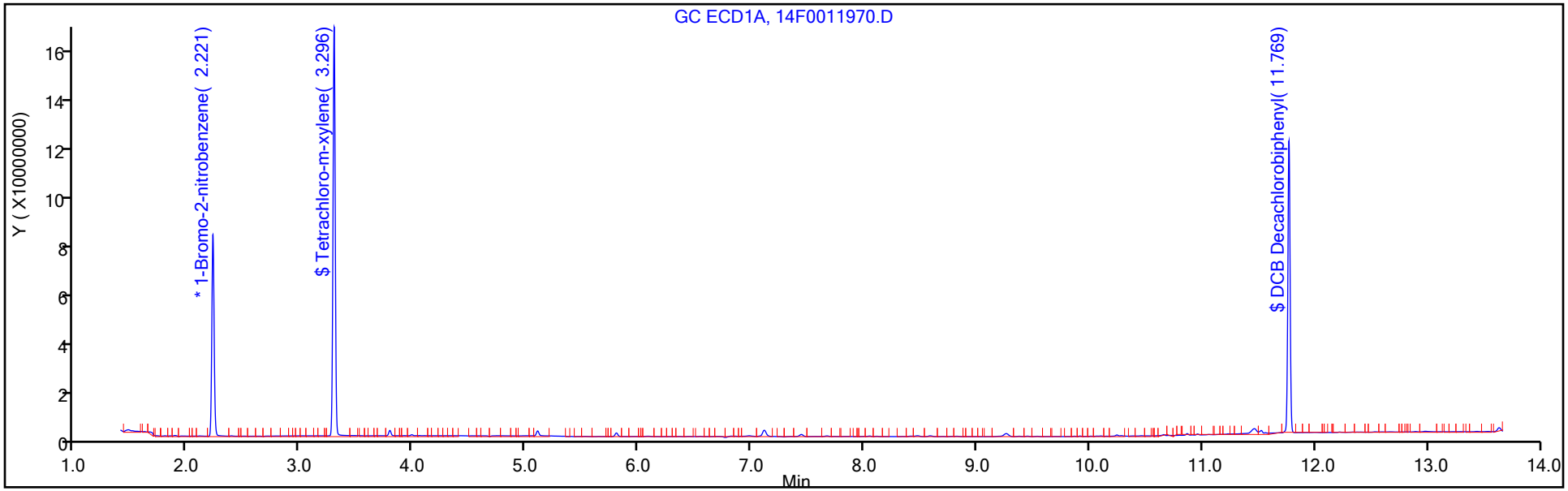
Report Date: 10-Feb-2025 08:14:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

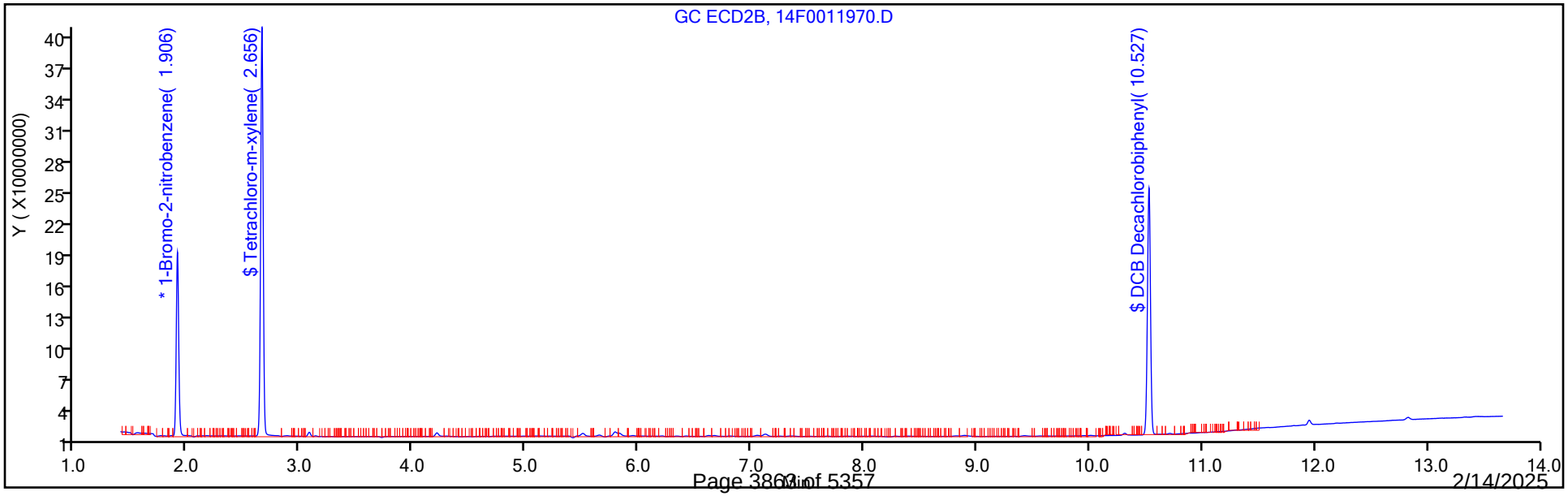
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:33:27 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-3-A | Lab Sample ID: | 460-319954-3 | Worklist Smp#: | 26 |
| Client ID: | RX-20-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D | | | | |
| Lims ID: | 460-319954-E-3-A | | | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:33:27 | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-026 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:43 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 41.2 | 82.50 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 43.0 | 85.95 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 41.7 | 83.42 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.5 | 85.05 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-20-01_0-2 | Lab Sample ID: 460-319954-3

Matrix: Solid | Lab File ID: 14F0011970.D

Analysis Method: 8082A | Date Collected: 02/05/2025 11:10

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.07(g) | Date Analyzed: 02/07/2025 20:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 0.9 % Solids: 99.1 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.067 | U | 0.067 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.067 | U | 0.067 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.067 | U | 0.067 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.067 | U | 0.067 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.067 | U | 0.067 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.067 | U | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.067 | U | 0.067 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.067 | U | 0.067 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.067 | U | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 85 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 83 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D
Lims ID: 460-319954-E-3-A
Client ID: RX-20-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:33:27 ALS Bottle#: 26 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-026
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:43

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 116075953 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 272406741 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 227863434 | 41.2 | |
| 2 | 2.656 | 2.658 | -0.002 | 624161111 | 41.7 | |
| | | | | | RPD = 1.11 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.769 | 11.787 | -0.018 | 164390264 | 43.0 | |
| 2 | 10.527 | 10.535 | -0.008 | 447124226 | 42.5 | |
| | | | | | RPD = 1.06 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

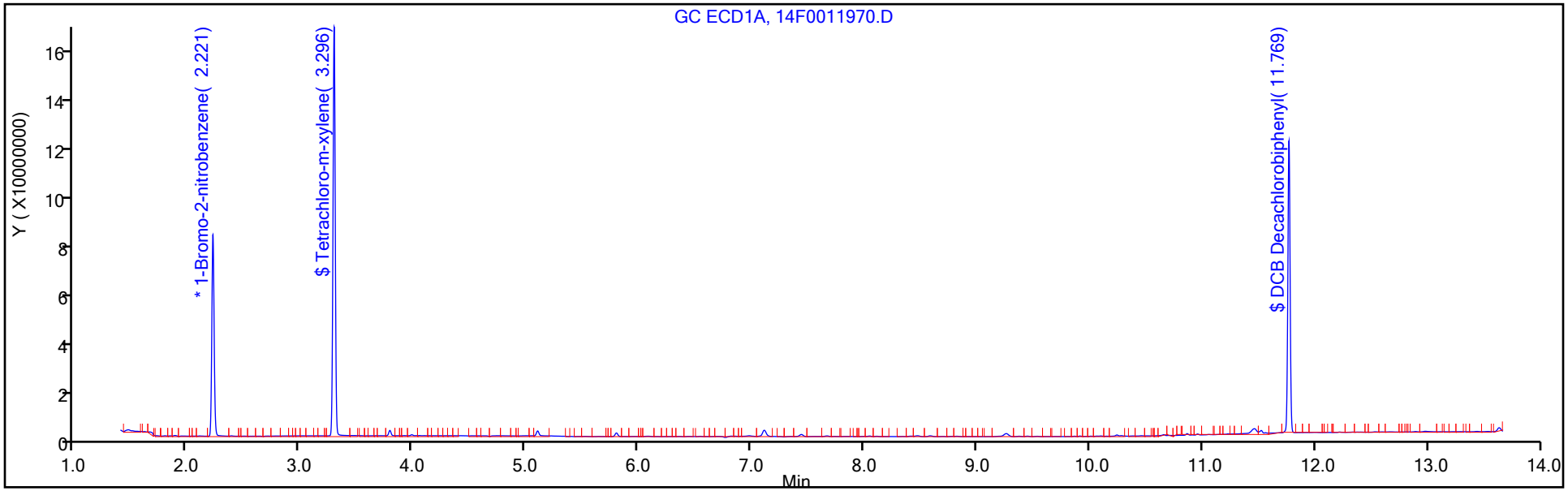
Report Date: 10-Feb-2025 08:14:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

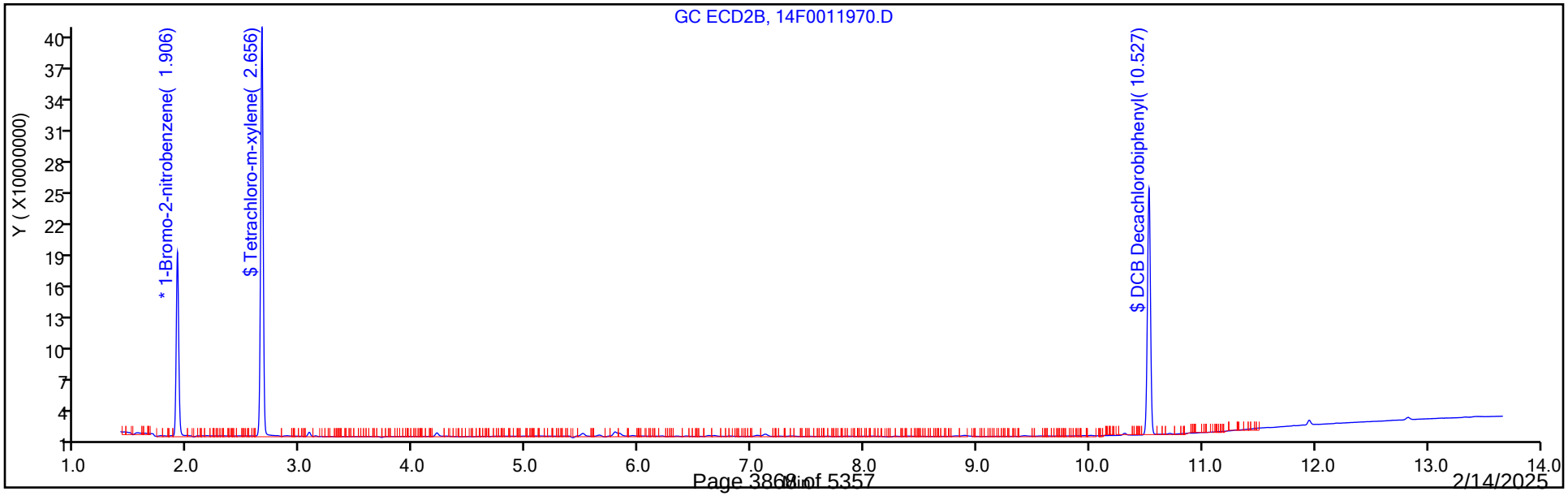
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:33:27 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-3-A | Lab Sample ID: | 460-319954-3 | Worklist Smp#: | 26 |
| Client ID: | RX-20-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 26 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011970.D | | | | |
| Lims ID: | 460-319954-E-3-A | | | | |
| Client ID: | RX-20-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:33:27 | ALS Bottle#: | 26 | Worklist Smp#: | 26 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-026 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:43 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 41.2 | 82.50 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 43.0 | 85.95 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 41.7 | 83.42 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.5 | 85.05 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2  Lab Sample ID: 460-319954-4

Matrix: Solid  Lab File ID: 14F0011971.D

Analysis Method: 8082A  Date Collected: 02/05/2025 11:45

Extraction Method: 3546  Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.05(g)  Date Analyzed: 02/07/2025 20:50

Con. Extract Vol.: 10(mL)  Dilution Factor: 1

Injection Volume: 1(uL)  GC Column: Rtx-CLP  ID: 0.53(mm)

% Moisture: 1.7  % Solids: 98.3  GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184  Units: mg/Kg

Preparation Batch No.: 1019976  Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 85 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 79 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D
Lims ID: 460-319954-E-4-A
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:50:00 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 120084274 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 276945350 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 226530907 | 39.6 | |
| 2 | 2.658 | 2.658 | 0.000 | 611497177 | 40.2 | |
| | | | | | RPD = 1.39 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.765 | 11.787 | -0.022 | 167220750 | 42.3 | |
| 2 | 10.524 | 10.535 | -0.011 | 468284406 | 43.8 | |
| | | | | | RPD = 3.60 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

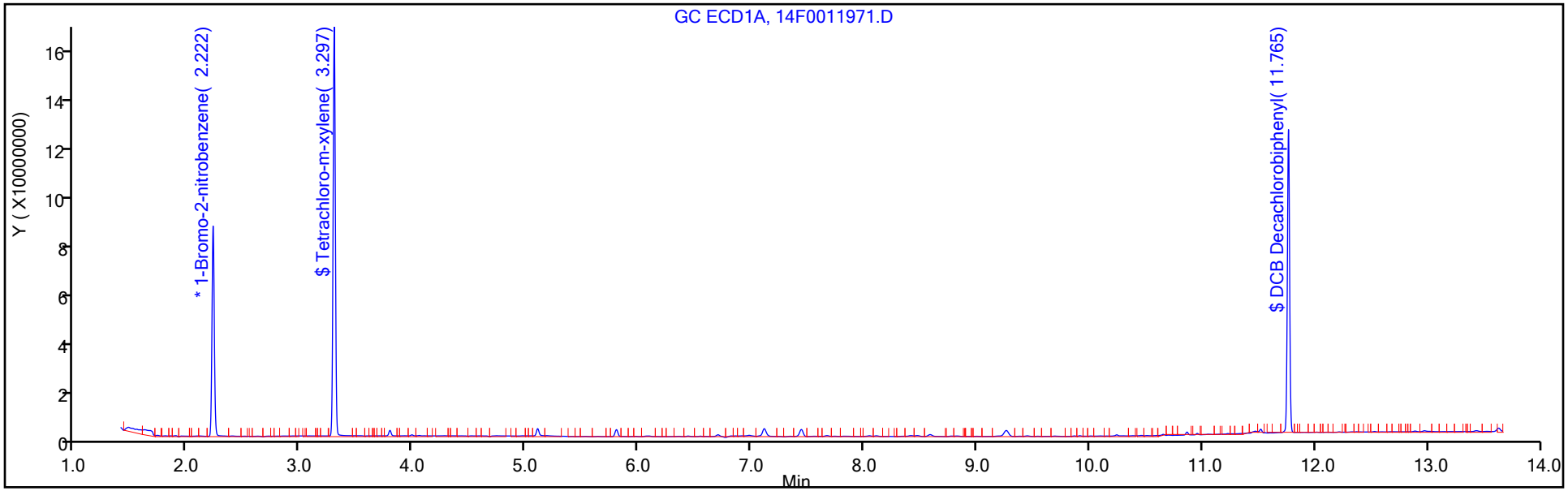
Report Date: 10-Feb-2025 08:14:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

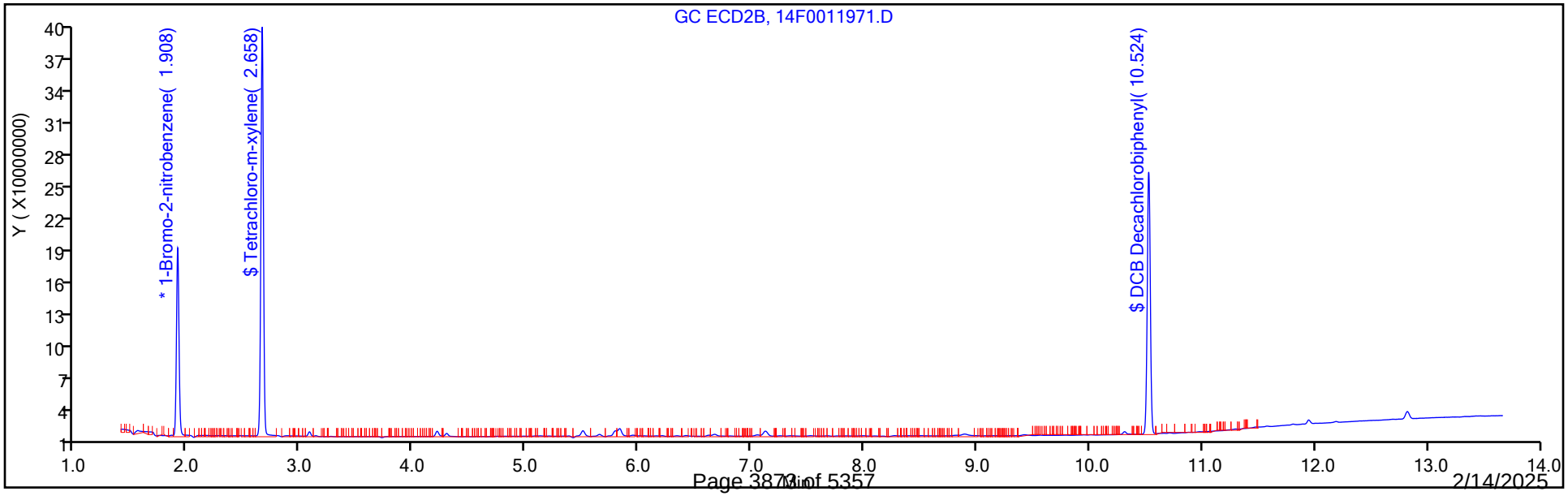
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:50:00 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-4-A | Lab Sample ID: | 460-319954-4 | Worklist Smp#: | 27 |
| Client ID: | RX-22-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D | | | | |
| Lims ID: | 460-319954-E-4-A | | | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:50:00 | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-027 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:51 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.6 | 79.28 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.3 | 84.51 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 40.2 | 80.39 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 43.8 | 87.61 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-22-01_0-2 | Lab Sample ID: 460-319954-4

Matrix: Solid | Lab File ID: 14F0011971.D

Analysis Method: 8082A | Date Collected: 02/05/2025 11:45

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.05(g) | Date Analyzed: 02/07/2025 20:50

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.7 % Solids: 98.3 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.068 | U | 0.068 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.068 | U | 0.068 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.068 | U | 0.068 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.068 | U | 0.068 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.068 | U | 0.068 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.068 | U | 0.068 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.068 | U | 0.068 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.068 | U | 0.068 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.068 | U | 0.068 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 88 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 80 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D
Lims ID: 460-319954-E-4-A
Client ID: RX-22-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 20:50:00 ALS Bottle#: 27 Worklist Smp#: 27
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-027
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 120084274 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 276945350 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 226530907 | 39.6 | |
| 2 | 2.658 | 2.658 | 0.000 | 611497177 | 40.2 | |
| | | | | | RPD = 1.39 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.765 | 11.787 | -0.022 | 167220750 | 42.3 | |
| 2 | 10.524 | 10.535 | -0.011 | 468284406 | 43.8 | |
| | | | | | RPD = 3.60 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

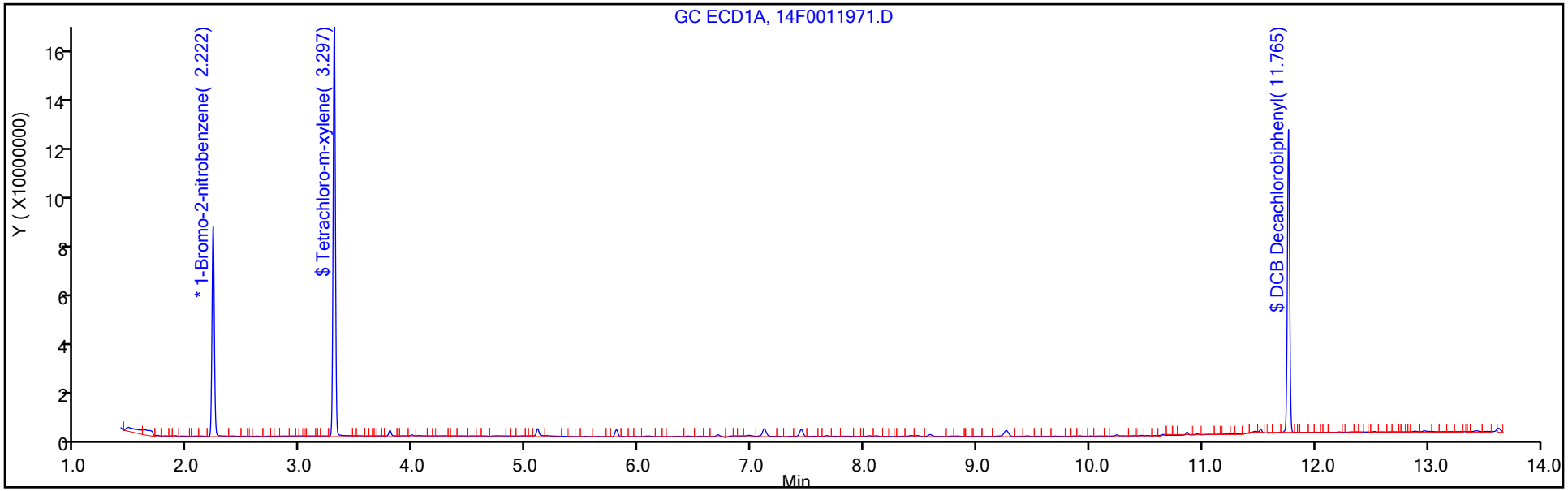
Report Date: 10-Feb-2025 08:14:43 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

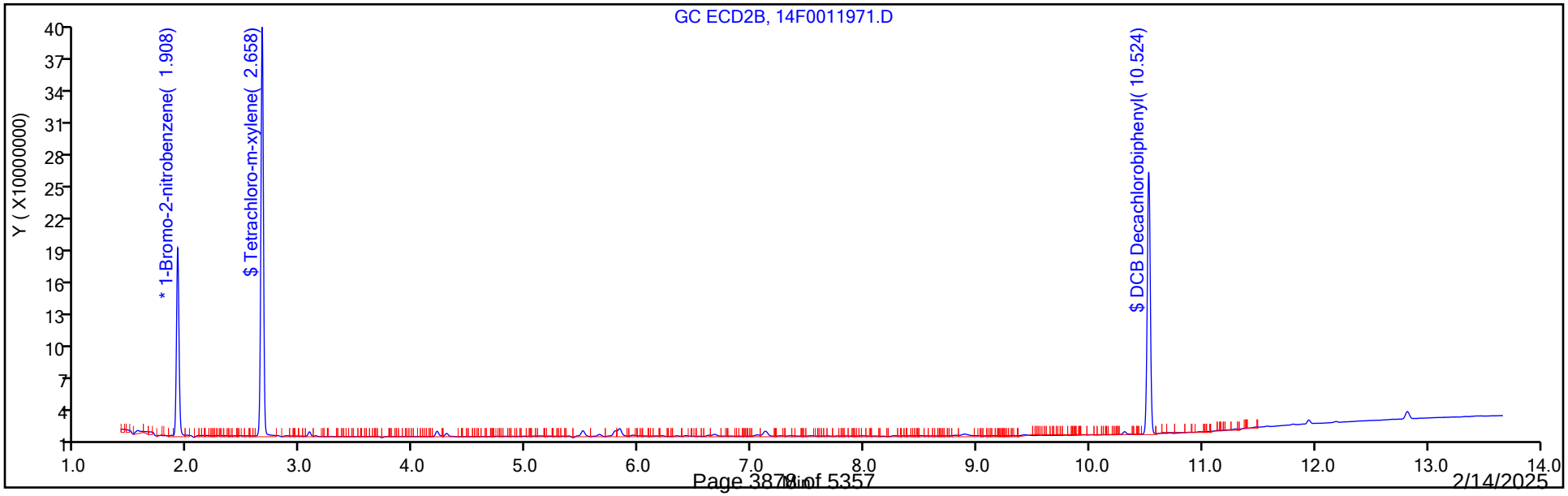
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 20:50:00 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-4-A | Lab Sample ID: | 460-319954-4 | Worklist Smp#: | 27 |
| Client ID: | RX-22-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011971.D | | | | |
| Lims ID: | 460-319954-E-4-A | | | | |
| Client ID: | RX-22-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 20:50:00 | ALS Bottle#: | 27 | Worklist Smp#: | 27 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-027 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:51 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.6 | 79.28 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.3 | 84.51 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 40.2 | 80.39 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 43.8 | 87.61 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: 14F0011972.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:30

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 21:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 83 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 71 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D
Lims ID: 460-319954-E-5-A
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 21:06:36 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:59

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 117516760 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 257955837 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 198939665 | 35.6 | |
| 2 | 2.658 | 2.658 | 0.000 | 514930868 | 36.3 | |
| | | | | | RPD = 2.13 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.757 | 11.787 | -0.030 | 160862689 | 41.5 | |
| 2 | 10.522 | 10.535 | -0.013 | 424166080 | 42.6 | |
| | | | | | RPD = 2.52 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

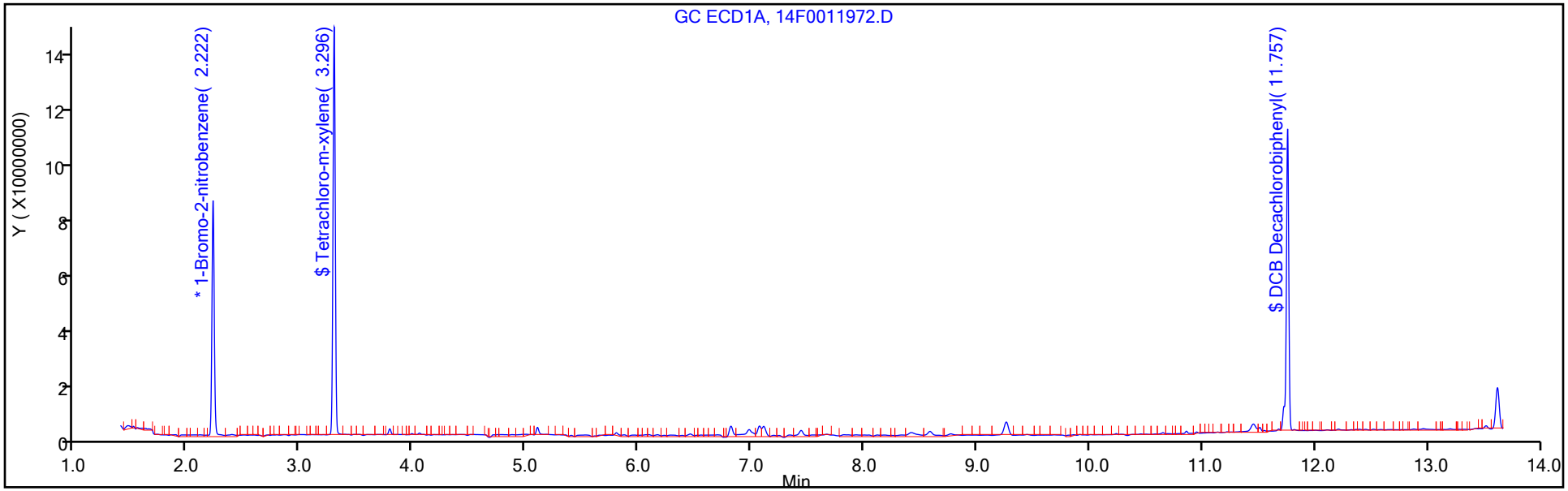
Report Date: 10-Feb-2025 08:14:44 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

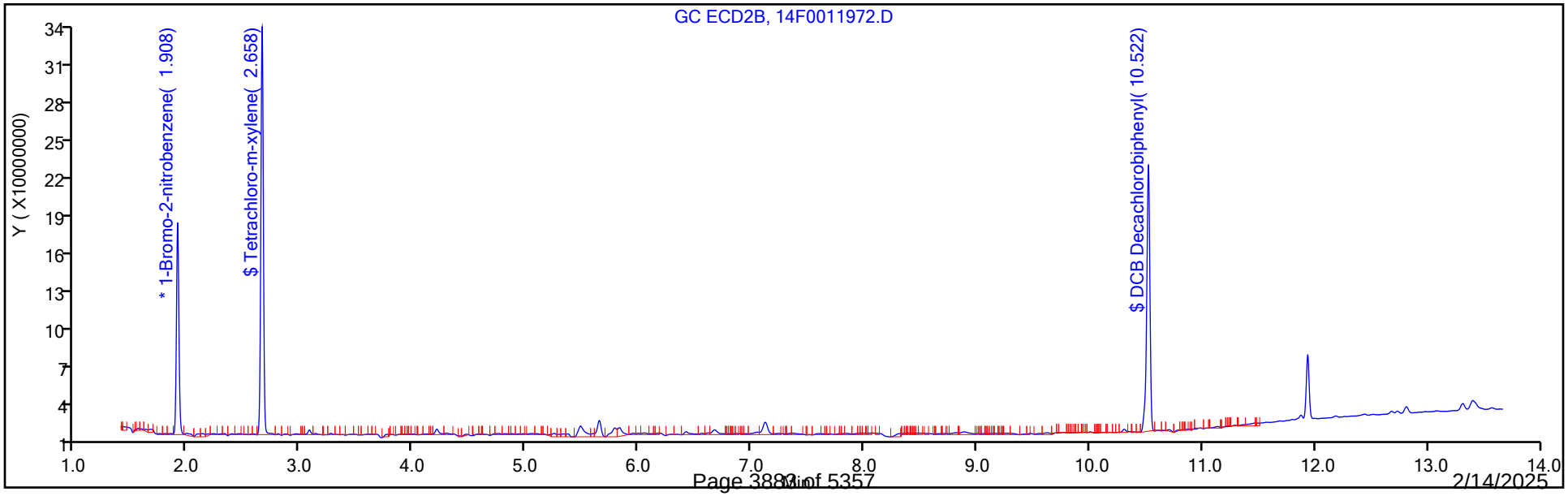
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 21:06:36 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-5-A | Lab Sample ID: | 460-319954-5 | Worklist Smp#: | 28 |
| Client ID: | RX-19-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D | | | | |
| Lims ID: | 460-319954-E-5-A | | | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 21:06:36 | ALS Bottle#: | 28 | Worklist Smp#: | 28 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-028 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:59 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 35.6 | 71.14 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 41.5 | 83.08 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.68 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.6 | 85.20 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Matrix: Solid | Lab File ID: 14F0011972.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:30

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 21:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 2.1 % Solids: 97.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.068 | U | 0.068 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.068 | U | 0.068 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.068 | U | 0.068 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.068 | U | 0.068 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.068 | U | 0.068 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.068 | U | 0.068 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.068 | U | 0.068 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.068 | U | 0.068 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.068 | U | 0.068 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 85 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 73 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D
Lims ID: 460-319954-E-5-A
Client ID: RX-19-01_0-2
Sample Type: Client
Inject. Date: 07-Feb-2025 21:06:36 ALS Bottle#: 28 Worklist Smp#: 28
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-028
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:11:59

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 117516760 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 257955837 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 198939665 | 35.6 | |
| 2 | 2.658 | 2.658 | 0.000 | 514930868 | 36.3 | |
| | | | | | RPD = 2.13 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.757 | 11.787 | -0.030 | 160862689 | 41.5 | |
| 2 | 10.522 | 10.535 | -0.013 | 424166080 | 42.6 | |
| | | | | | RPD = 2.52 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

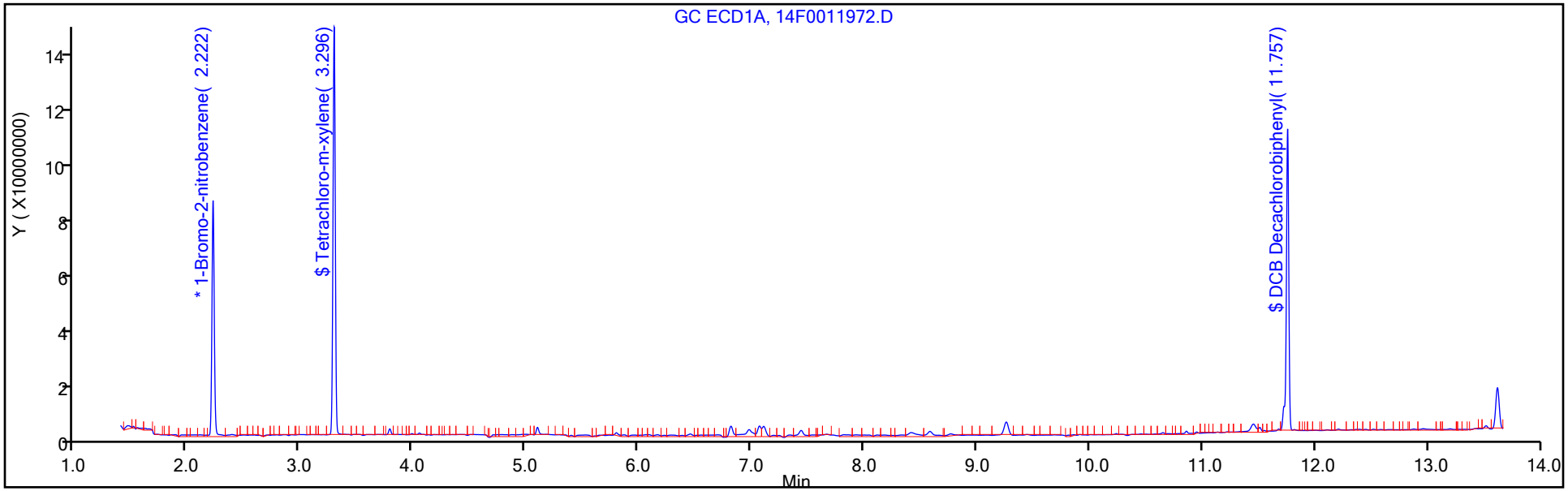
Report Date: 10-Feb-2025 08:14:45 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

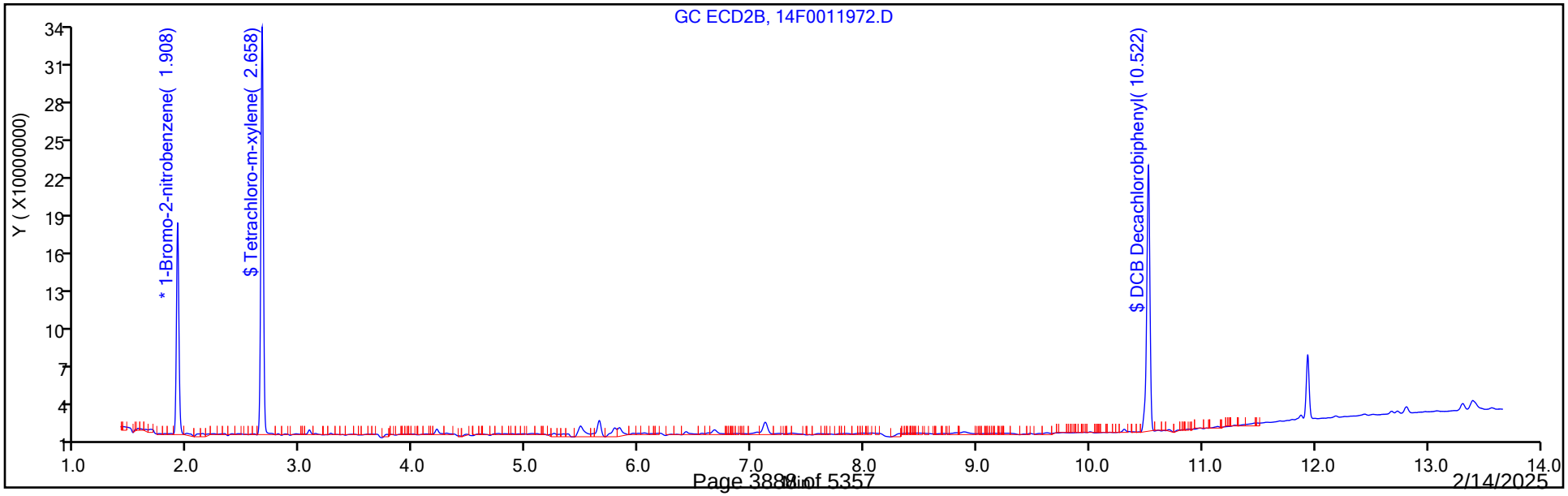
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 21:06:36 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-5-A | Lab Sample ID: | 460-319954-5 | Worklist Smp#: | 28 |
| Client ID: | RX-19-01_0-2 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 28 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011972.D | | | | |
| Lims ID: | 460-319954-E-5-A | | | | |
| Client ID: | RX-19-01_0-2 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 21:06:36 | ALS Bottle#: | 28 | Worklist Smp#: | 28 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-028 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:11:59 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 35.6 | 71.14 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 41.5 | 83.08 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.68 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 42.6 | 85.20 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: 14F0011973.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:00

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.08(g) | Date Analyzed: 02/07/2025 21:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 106 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 97 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D
Lims ID: 460-319954-E-6-A
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 21:23:13 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:12:23

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 115869472 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 273846952 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 268349584 | 48.7 | |
| 2 | 2.657 | 2.658 | -0.001 | 749151259 | 49.8 | |
| | | | | | RPD = 2.31 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | a |
| 1 | 11.753 | 11.787 | -0.034 | 202798683 | 53.1 | a |
| 2 | 10.520 | 10.535 | -0.015 | 538732406 | 51.0 | |
| | | | | | RPD = 4.12 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

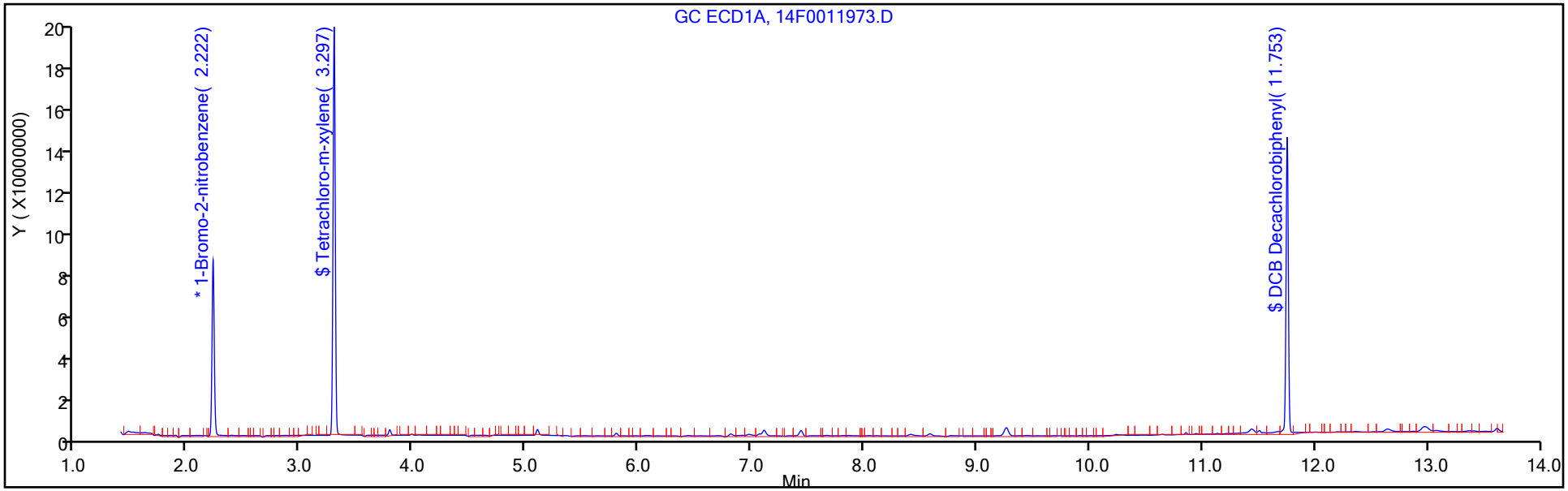
Report Date: 10-Feb-2025 08:14:46 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

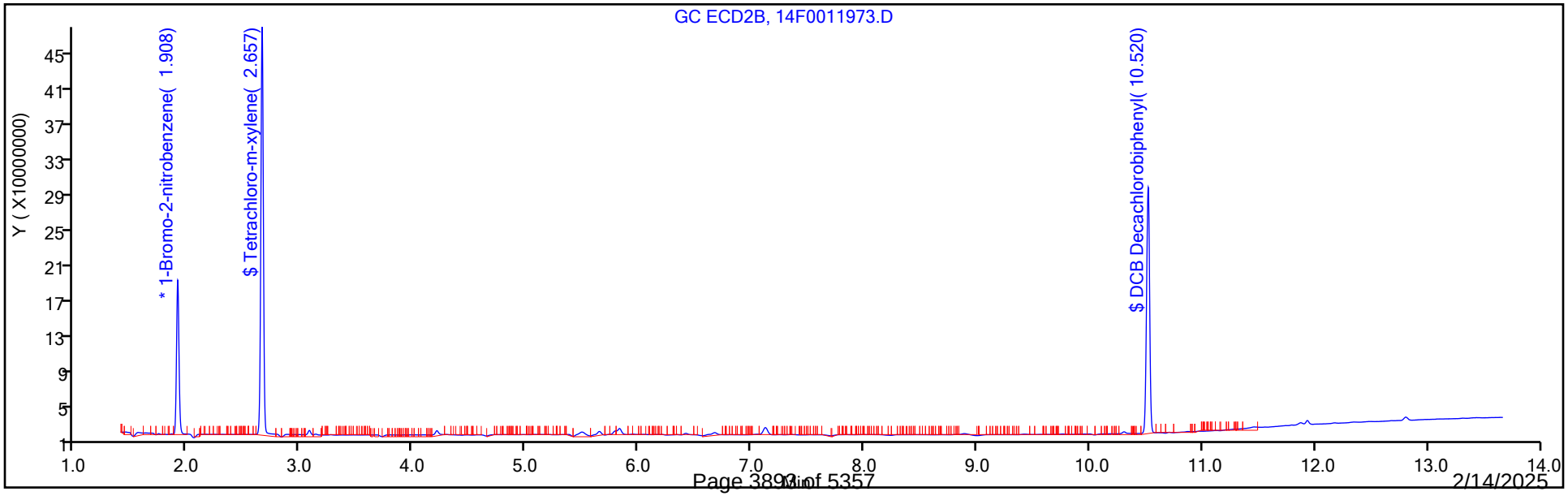
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 21:23:13 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-6-A | Lab Sample ID: | 460-319954-6 | Worklist Smp#: | 29 |
| Client ID: | DUP_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D | | | | |
| Lims ID: | 460-319954-E-6-A | | | | |
| Client ID: | DUP_02052025 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 21:23:13 | ALS Bottle#: | 29 | Worklist Smp#: | 29 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-029 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:12:23 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 48.7 | 97.33 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 53.1 | 106.22 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 49.8 | 99.60 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 51.0 | 101.93 |

Manual Integration/User Assign Peak Report

Eurofins Edison

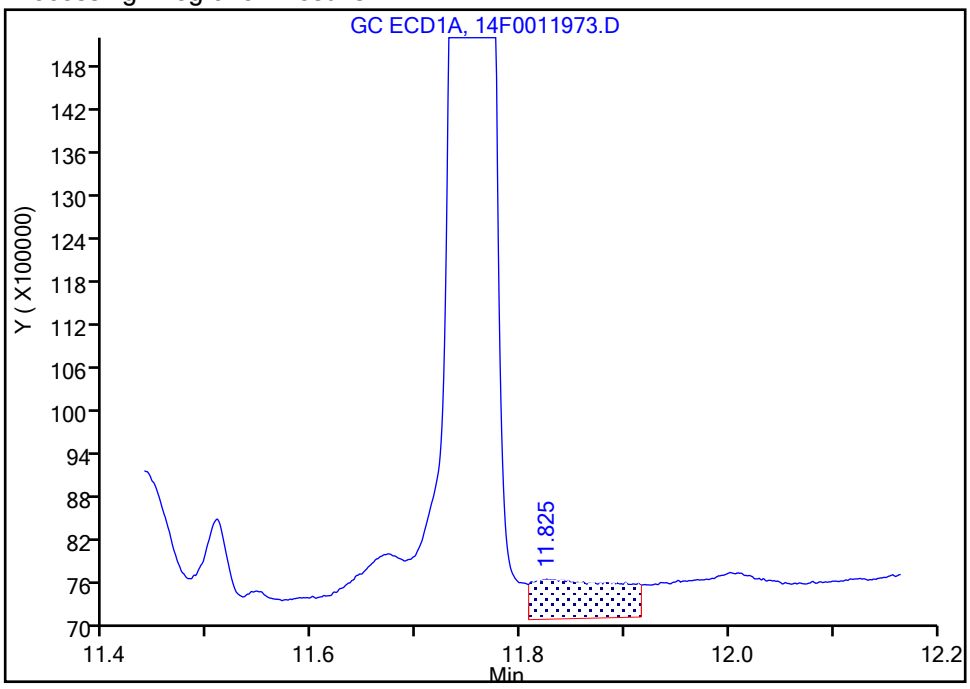
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D | | | | |
| Injection Date: | 07-Feb-2025 21:23:13 | Instrument ID: | CPESTGC14 | | |
| Lims ID: | 460-319954-E-6-A | Lab Sample ID: | 460-319954-6 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | | ALS Bottle#: | 29 | Worklist Smp#: | 29 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |
| Column: | Rtx-CLPesticides ( 0.53 mm) | Detector | GC ECD1A | | |

## $ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

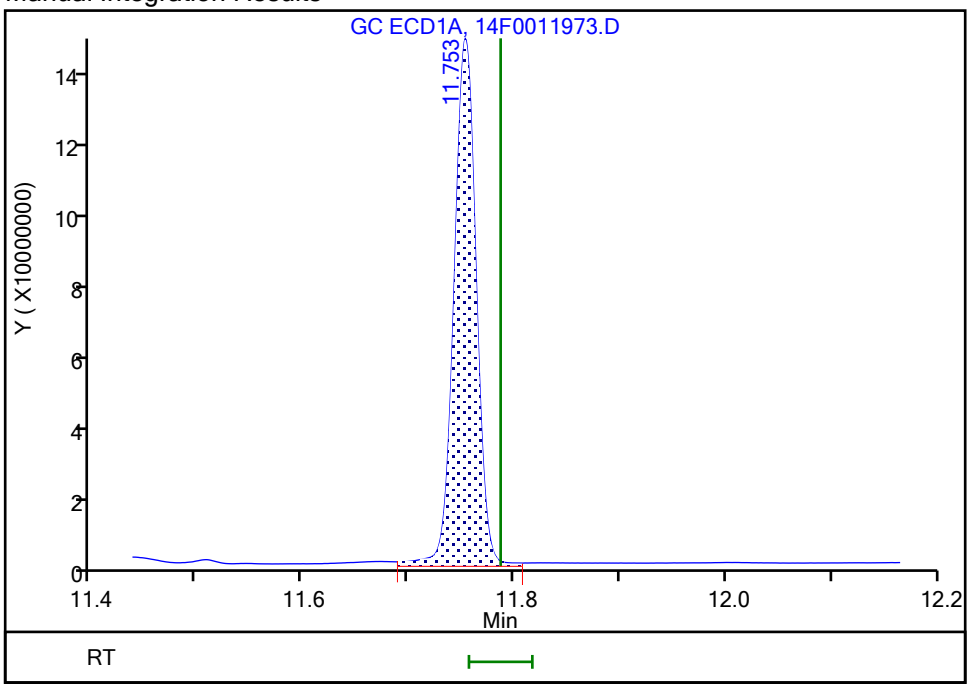
Processing Integration Results

RT: 11.82
Area: 3260099
Amount: 0.853786
Amount Units: ug/l




Manual Integration Results

RT: 11.75
Area: 202798683
Amount: 53.110849
Amount Units: ug/l




Reviewer: C0TZ, 10-Feb-2025 08:12:14 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Matrix: Solid | Lab File ID: 14F0011973.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:00

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.08(g) | Date Analyzed: 02/07/2025 21:23

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 1.3 % Solids: 98.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.068 | U | 0.068 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.068 | U | 0.068 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.068 | U | 0.068 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.068 | U | 0.068 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.068 | U | 0.068 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.068 | U | 0.068 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.068 | U | 0.068 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.068 | U | 0.068 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.068 | U | 0.068 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.068 | U | 0.068 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 102 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 100 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D
Lims ID: 460-319954-E-6-A
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 07-Feb-2025 21:23:13 ALS Bottle#: 29 Worklist Smp#: 29
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 08:13:25 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 08:12:23

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 115869472 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 273846952 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 268349584 | 48.7 | |
| 2 | 2.657 | 2.658 | -0.001 | 749151259 | 49.8 | |
| | | | | | RPD = 2.31 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | a |
| 1 | 11.753 | 11.787 | -0.034 | 202798683 | 53.1 | a |
| 2 | 10.520 | 10.535 | -0.015 | 538732406 | 51.0 | |
| | | | | | RPD = 4.12 | |

## QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

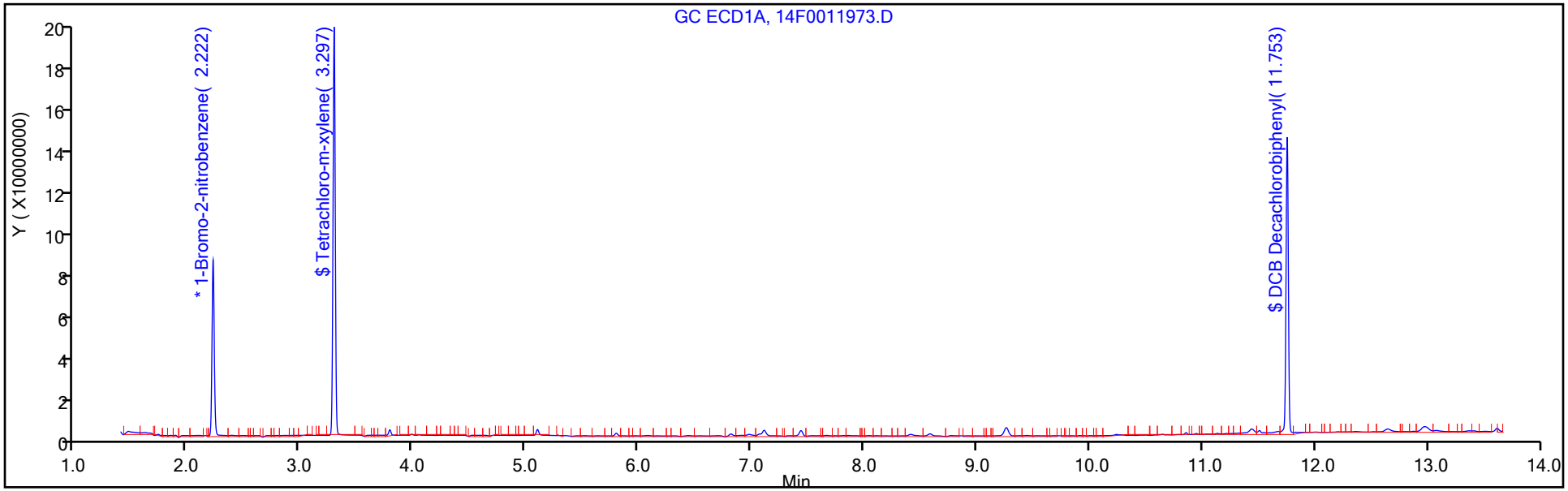
Report Date: 10-Feb-2025 08:14:47 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

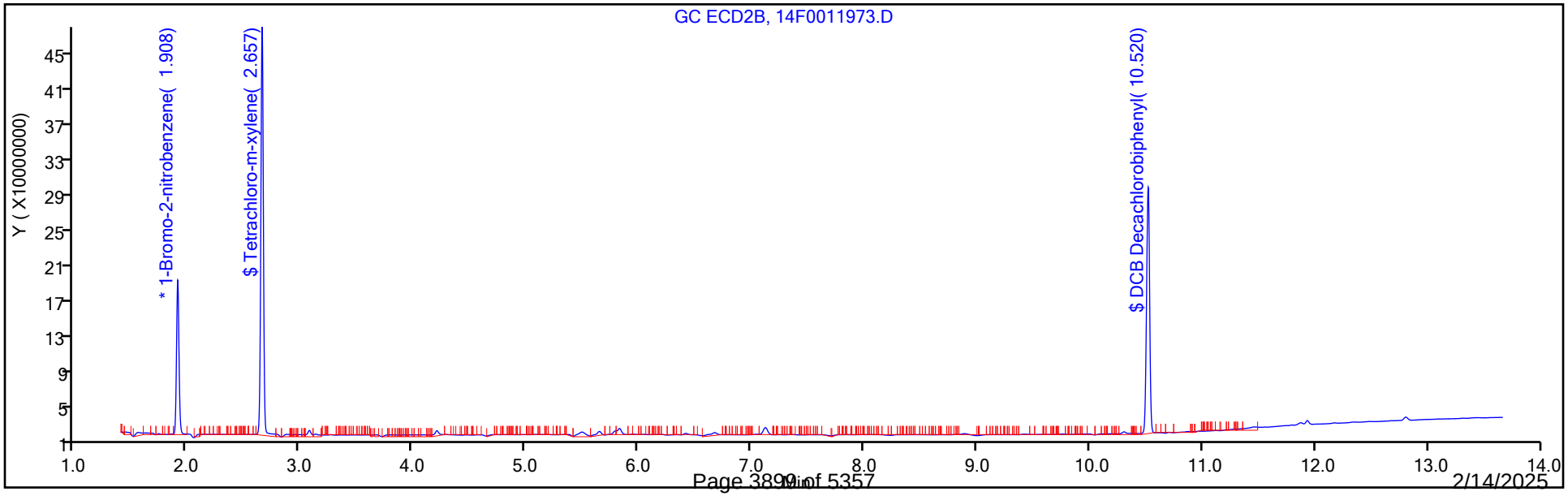
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 21:23:13 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-E-6-A | Lab Sample ID: | 460-319954-6 | Worklist Smp#: | 29 |
| Client ID: | DUP_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 29 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011973.D | | | | |
| Lims ID: | 460-319954-E-6-A | | | | |
| Client ID: | DUP_02052025 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 07-Feb-2025 21:23:13 | ALS Bottle#: | 29 | Worklist Smp#: | 29 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-029 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 08:13:25 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 08:12:23 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 48.7 | 97.33 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 53.1 | 106.22 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 49.8 | 99.60 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 51.0 | 101.93 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: 14F0012012.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:05

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 53 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 83 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D
Lims ID: 460-319954-H-7-A
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:29:25 ALS Bottle#: 68 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-009
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 10:29:14 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 09:20:10

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.219 | 2.216 | 0.003 | 104762654 | 20.0 | |
| 2 | 1.904 | 1.902 | 0.002 | 237749144 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.293 | 3.289 | 0.004 | 415435590 | 83.3 | |
| 2 | 2.653 | 2.651 | 0.002 | 1131083881 | 86.6 | |
| | | | | | RPD = 3.86 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.761 | 11.744 | 0.017 | 184496675 | 53.4 | |
| 2 | 10.521 | 10.511 | 0.010 | 522996296 | 57.0 | |
| | | | | | RPD = 6.43 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

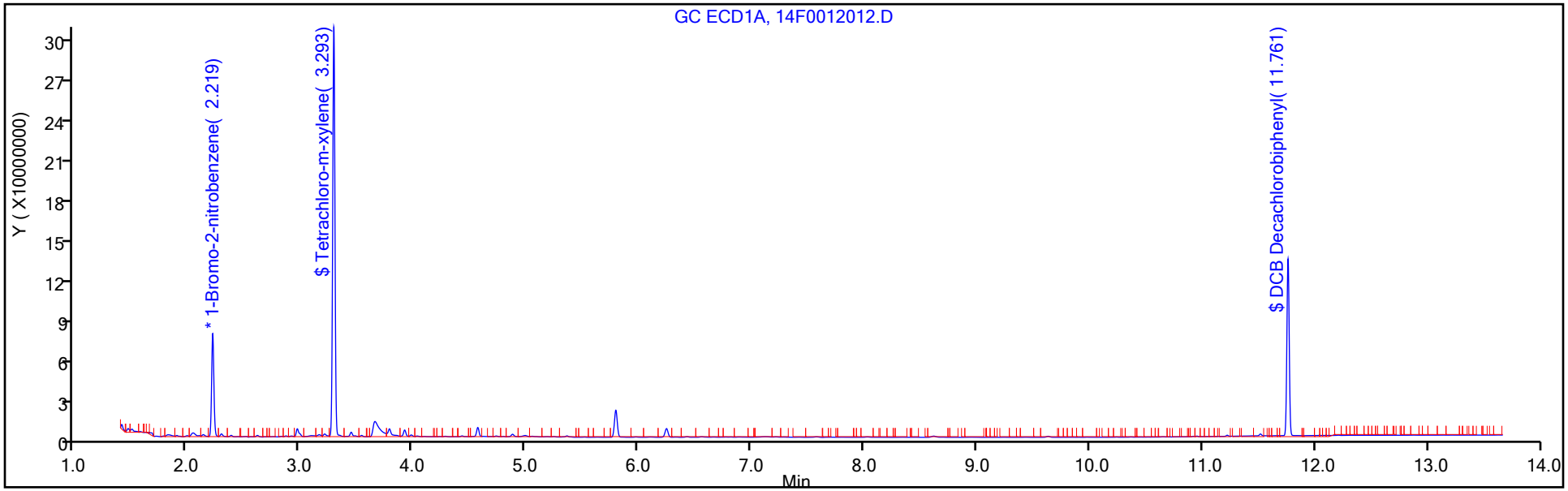
Report Date: 10-Feb-2025 10:52:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

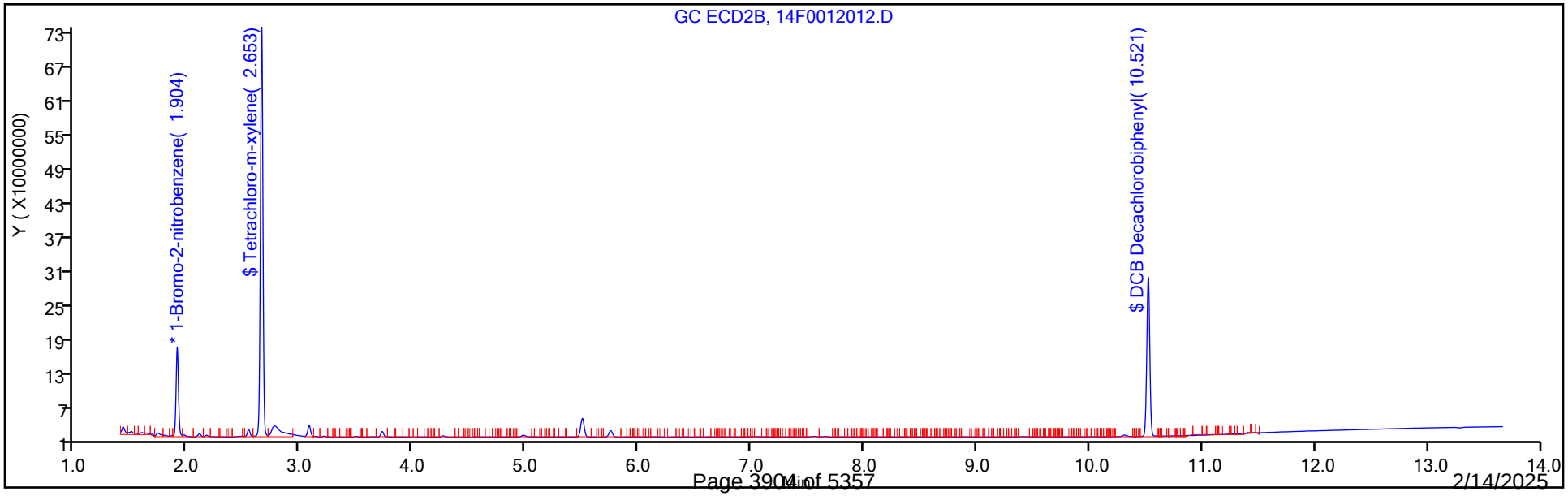
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:29:25 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-H-7-A | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 9 |
| Client ID: | FB_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 68 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D | | | | |
| Lims ID: | 460-319954-H-7-A | | | | |
| Client ID: | FB_02052025 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 09-Feb-2025 09:29:25 | ALS Bottle#: | 68 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-009 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 10:29:14 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 09:20:10 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 83.3 | 83.32 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 53.4 | 53.44 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 86.6 | 86.60 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 57.0 | 56.99 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Matrix: Water | Lab File ID: 14F0012012.D

Analysis Method: 8082A | Date Collected: 02/05/2025 12:05

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:29

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.20 | U | 0.20 | 0.12 |
| 11104-28-2 | Aroclor 1221 | 0.20 | U | 0.20 | 0.12 |
| 11141-16-5 | Aroclor 1232 | 0.20 | U | 0.20 | 0.12 |
| 53469-21-9 | Aroclor 1242 | 0.20 | U | 0.20 | 0.12 |
| 12672-29-6 | Aroclor 1248 | 0.20 | U | 0.20 | 0.12 |
| 11097-69-1 | Aroclor 1254 | 0.20 | U | 0.20 | 0.11 |
| 11096-82-5 | Aroclor 1260 | 0.20 | U | 0.20 | 0.11 |
| 37324-23-5 | Aroclor-1262 | 0.20 | U | 0.20 | 0.11 |
| 11100-14-4 | Aroclor 1268 | 0.20 | U | 0.20 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 87 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D
Lims ID: 460-319954-H-7-A
Client ID: FB_02052025
Sample Type: Client
Inject. Date: 09-Feb-2025 09:29:25 ALS Bottle#: 68 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-009
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 10:29:14 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 09:20:10

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | |
| 1 | 2.219 | 2.216 | 0.003 | 104762654 | 20.0 | |
| 2 | 1.904 | 1.902 | 0.002 | 237749144 | 20.0 | |
| | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | |
| 1 | 3.293 | 3.289 | 0.004 | 415435590 | 83.3 | |
| 2 | 2.653 | 2.651 | 0.002 | 1131083881 | 86.6 | |
| | | | | | RPD = 3.86 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | |
| 1 | 11.761 | 11.744 | 0.017 | 184496675 | 53.4 | |
| 2 | 10.521 | 10.511 | 0.010 | 522996296 | 57.0 | |
| | | | | | RPD = 6.43 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

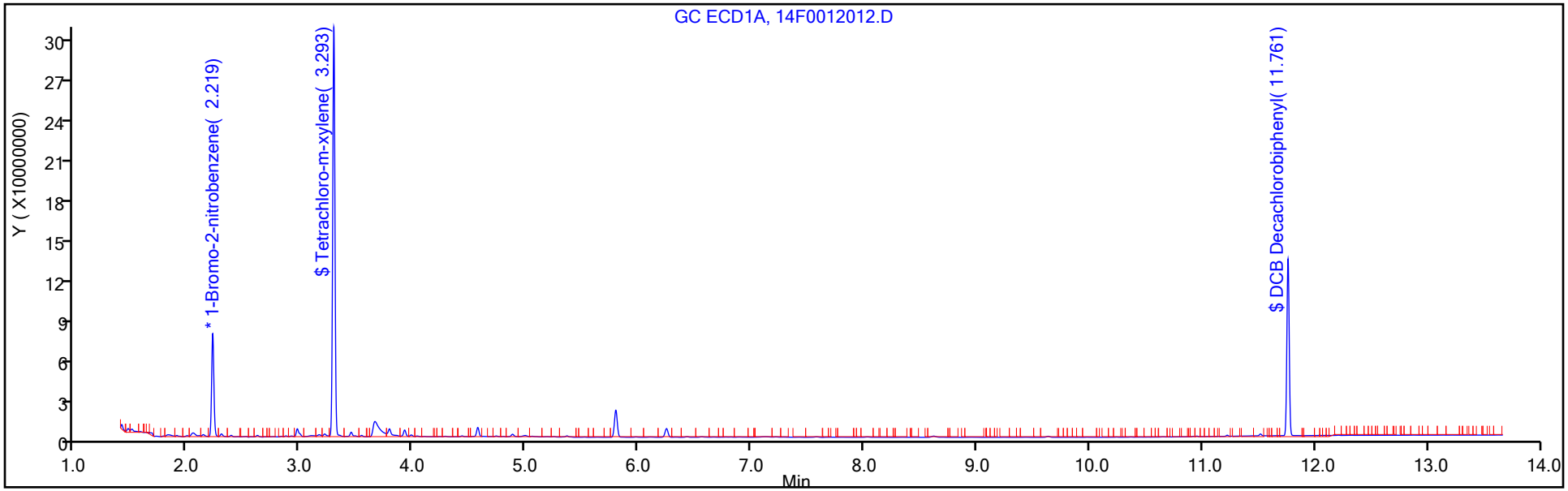
Report Date: 10-Feb-2025 10:52:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

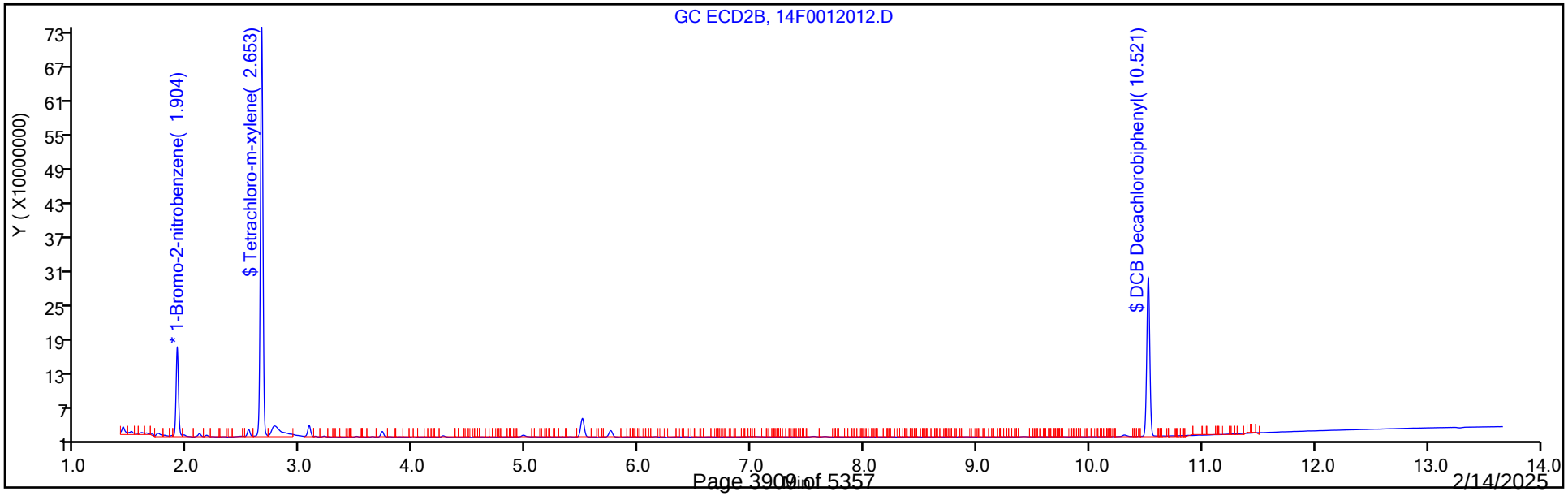
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:29:25 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 460-319954-H-7-A | Lab Sample ID: | 460-319954-7 | Worklist Smp#: | 9 |
| Client ID: | FB_02052025 | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 68 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012012.D | | | | |
| Lims ID: | 460-319954-H-7-A | | | | |
| Client ID: | FB_02052025 | | | | |
| Sample Type: | Client | | | | |
| Inject. Date: | 09-Feb-2025 09:29:25 | ALS Bottle#: | 68 | Worklist Smp#: | 9 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-009 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 10:29:14 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 09:20:10 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 83.3 | 83.32 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 53.4 | 53.44 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 86.6 | 86.60 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 57.0 | 56.99 |

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 10:03 Calibration End Date: 10/23/2024 11:10 Calibration ID: 98937

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/2 | 14F0008279.D |
| Level 2 | IC 460-1002996/3 | 14F0008280.D |
| Level 3 | IC 460-1002996/4 | 14F0008281.D |
| Level 4 | IC 460-1002996/5 | 14F0008282.D |
| Level 5 | IC 460-1002996/6 | 14F0008283.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 0.0196 | 0.0165 | 0.0158 | 0.0163 | 0.0147 | Ave | | 0.0166 | | | | 11.0 | | 20.0 | | | |
| PCB-1016 Peak 2 | 0.0406 | 0.0349 | 0.0354 | 0.0362 | 0.0330 | Ave | | 0.0360 | | | | 7.9 | | 20.0 | | | |
| PCB-1016 Peak 3 | 0.0836 | 0.0740 | 0.0764 | 0.0797 | 0.0723 | Ave | | 0.0772 | | | | 5.9 | | 20.0 | | | |
| PCB-1016 Peak 4 | 0.0333 | 0.0290 | 0.0292 | 0.0308 | 0.0276 | Ave | | 0.0300 | | | | 7.3 | | 20.0 | | | |
| PCB-1016 Peak 5 | 0.0207 | 0.0183 | 0.0186 | 0.0188 | 0.0176 | Ave | | 0.0188 | | | | 6.1 | | 20.0 | | | |
| PCB-1016 Peak 6 | 0.0270 | 0.0239 | 0.0241 | 0.0247 | 0.0227 | Ave | | 0.0245 | | | | 6.4 | | 20.0 | | | |
| PCB-1016 Peak 7 | 0.0307 | 0.0276 | 0.0244 | 0.0243 | 0.0229 | Ave | | 0.0260 | | | | 12.1 | | 20.0 | | | |
| PCB-1016 Peak 8 | 0.0225 | 0.0216 | 0.0162 | 0.0171 | 0.0152 | Ave | | 0.0185 | | | | 17.9 | | 20.0 | | | |
| PCB-1260 Peak 1 | 0.0267 | 0.0238 | 0.0213 | 0.0225 | 0.0200 | Ave | | 0.0229 | | | | 11.2 | | 20.0 | | | |
| PCB-1260 Peak 2 | 0.0596 | 0.0524 | 0.0441 | 0.0464 | 0.0416 | Ave | | 0.0488 | | | | 14.8 | | 20.0 | | | |
| PCB-1260 Peak 3 | 0.0677 | 0.0609 | 0.0540 | 0.0559 | 0.0507 | Ave | | 0.0578 | | | | 11.5 | | 20.0 | | | |
| PCB-1260 Peak 4 | 0.0404 | 0.0375 | 0.0378 | 0.0399 | 0.0356 | Ave | | 0.0382 | | | | 5.1 | | 20.0 | | | |
| PCB-1260 Peak 5 | 0.0420 | 0.0370 | 0.0363 | 0.0387 | 0.0354 | Ave | | 0.0379 | | | | 6.8 | | 20.0 | | | |
| PCB-1260 Peak 6 | 0.0875 | 0.0823 | 0.0825 | 0.0884 | 0.0821 | Ave | | 0.0845 | | | | 3.7 | | 20.0 | | | |
| PCB-1260 Peak 7 | 0.0580 | 0.0543 | 0.0545 | 0.0587 | 0.0544 | Ave | | 0.0560 | | | | 3.9 | | 20.0 | | | |
| PCB-1260 Peak 8 | 0.0204 | 0.0188 | 0.0221 | 0.0239 | 0.0222 | Ave | | 0.0215 | | | | 9.0 | | 20.0 | | | |
| Tetrachloro-m-xylene | 0.9684 | 0.9488 | 0.9558 | 0.9958 | 0.8903 | Ave | | 0.9518 | | | | 4.1 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 0.6615 | 0.6434 | 0.6523 | 0.7018 | 0.6364 | Ave | | 0.6591 | | | | 3.9 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 10:03 | Calibration End Date: 10/23/2024 11:10 | Calibration ID: 98937

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/2 | 14F0008279.D |
| Level 2 | IC 460-1002996/3 | 14F0008280.D |
| Level 3 | IC 460-1002996/4 | 14F0008281.D |
| Level 4 | IC 460-1002996/5 | 14F0008282.D |
| Level 5 | IC 460-1002996/6 | 14F0008283.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| PCB-1016 Peak 1 | BNB | Ave | 4143220 | 33834476 | 62485088 | 101432657 | 153450104 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | BNB | Ave | 8581332 | 71399232 | 139748540 | 225323523 | 343667962 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | BNB | Ave | 17655034 | 151359271 | 301071656 | 495813052 | 754076677 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | BNB | Ave | 7032409 | 59216373 | 115257703 | 191760663 | 287250058 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | BNB | Ave | 4362081 | 37322320 | 73152708 | 117142458 | 183769146 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | BNB | Ave | 5693951 | 48896358 | 95189540 | 153720296 | 236587650 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | BNB | Ave | 6478125 | 56372098 | 96089947 | 151004207 | 238497414 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | BNB | Ave | 4746097 | 44229391 | 64015896 | 106284109 | 158181721 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | BNB | Ave | 5636317 | 48748149 | 84119870 | 139778714 | 208819304 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | BNB | Ave | 12586150 | 107140692 | 173977038 | 288579463 | 433654439 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | BNB | Ave | 14304234 | 124615527 | 212790785 | 347620092 | 528080758 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | BNB | Ave | 8530708 | 76654825 | 148852480 | 247928123 | 371027392 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | BNB | Ave | 8858669 | 75605555 | 142987847 | 240648219 | 369147932 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | BNB | Ave | 18475281 | 168321601 | 325068777 | 549724554 | 855462459 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | BNB | Ave | 12254623 | 111078526 | 214739464 | 364982646 | 567425724 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | BNB | Ave | 4307555 | 38445858 | 86957183 | 148616867 | 231472553 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Tetrachloro-m-xylene | BNB | Ave | 51124516 | 193992029 | 376823027 | 619150153 | 742605389 | 12.5 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 34920590 | 131559697 | 257166058 | 436396090 | 530760988 | 12.5 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Oct-2024 10:03:03 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:27 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 10:30:15

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.295 | -0.002 | 84464683 | 20.0 | 20.0 | |
| 2 | 1.960 | 1.963 | -0.003 | 190060057 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.397 | 3.398 | -0.001 | 51124516 | 12.5 | 12.7 | M |
| 2 | 2.733 | 2.738 | -0.005 | 125821523 | 12.5 | 12.1 | M |
| | | | | | | RPD = 5.39 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 4143220 | 50.0 | 59.1 | M |
| 1 | 4.615 | 4.616 | -0.001 | 8581332 | 50.0 | 56.4 | |
| 1 | 5.218 | 5.219 | -0.001 | 17655034 | 50.0 | 54.1 | M |
| 1 | 5.393 | 5.394 | -0.001 | 7032409 | 50.0 | 55.5 | |
| 1 | 5.533 | 5.534 | -0.001 | 4362081 | 50.0 | 55.0 | M |
| 1 | 6.058 | 6.058 | 0.000 | 5693951 | 50.0 | 55.1 | M |
| 1 | 6.240 | 6.241 | -0.001 | 6478125 | 50.0 | 59.1 | |
| 1 | 6.716 | 6.716 | 0.000 | 4746097 | 50.0 | 60.7 | M |
| | | Average of Peak Amounts = | | | | 56.9 | |
| 2 | 3.156 | 3.161 | -0.005 | 9774872 | 50.0 | 59.6 | M |
| 2 | 3.573 | 3.578 | -0.005 | 16646959 | 50.0 | 54.3 | M |
| 2 | 3.805 | 3.813 | -0.008 | 10468842 | 50.0 | 54.4 | M |
| 2 | 4.121 | 4.124 | -0.003 | 35854149 | 50.0 | 49.8 | M |
| 2 | 4.277 | 4.283 | -0.006 | 15070909 | 50.0 | 52.0 | M |
| 2 | 4.350 | 4.356 | -0.006 | 8848309 | 50.0 | 50.3 | M |
| 2 | 4.776 | 4.781 | -0.005 | 15411658 | 50.0 | 53.9 | M |
| 2 | 5.241 | 5.244 | -0.003 | 7985428 | 50.0 | 58.5 | M |
| | | Average of Peak Amounts = | | | | 54.1 | |
| | | | | | | RPD = 4.96 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 5636317 | 50.0 | 58.3 | |
| 1 | 8.264 | 8.263 | 0.001 | 12586150 | 50.0 | 61.0 | |
| 1 | 8.698 | 8.698 | 0.000 | 14304234 | 50.0 | 58.6 | |
| 1 | 9.637 | 9.636 | 0.001 | 8530708 | 50.0 | 52.8 | |
| 1 | 10.069 | 10.070 | -0.001 | 8858669 | 50.0 | 55.4 | M |
| 1 | 10.388 | 10.389 | -0.001 | 18475281 | 50.0 | 51.7 | M |
| 1 | 10.803 | 10.803 | 0.000 | 12254623 | 50.0 | 51.8 | M |
| 1 | 11.380 | 11.383 | -0.003 | 4307555 | 50.0 | 47.5 | M |
| | | Average of Peak Amounts = | | | | 54.7 | |
| 2 | 6.352 | 6.357 | -0.005 | 23735424 | 50.0 | 56.4 | M |
| 2 | 6.774 | 6.776 | -0.002 | 37513813 | 50.0 | 54.8 | M |
| 2 | 7.429 | 7.433 | -0.004 | 21293108 | 50.0 | 51.5 | M |
| 2 | 7.864 | 7.866 | -0.002 | 20673057 | 50.0 | 51.8 | M |
| 2 | 8.462 | 8.463 | -0.001 | 51188350 | 50.0 | 50.7 | M |
| 2 | 9.032 | 9.033 | -0.001 | 28095116 | 50.0 | 55.1 | M |
| 2 | 9.232 | 9.226 | 0.006 | 12366465 | 50.0 | 47.3 | M |
| 2 | 10.098 | 10.100 | -0.002 | 11688370 | 50.0 | 49.9 | |
| | | Average of Peak Amounts = | | | | 52.2 | |
| | | | | | | RPD = 4.67 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.938 | 11.942 | -0.004 | 34920590 | 12.5 | 12.5 | M |
| 2 | 10.662 | 10.664 | -0.002 | 91655379 | 12.5 | 12.5 | |
| | | | | | | RPD = 0.42 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 111.5 | |

## QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L1_00028 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:01:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D

Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14 Operator ID:

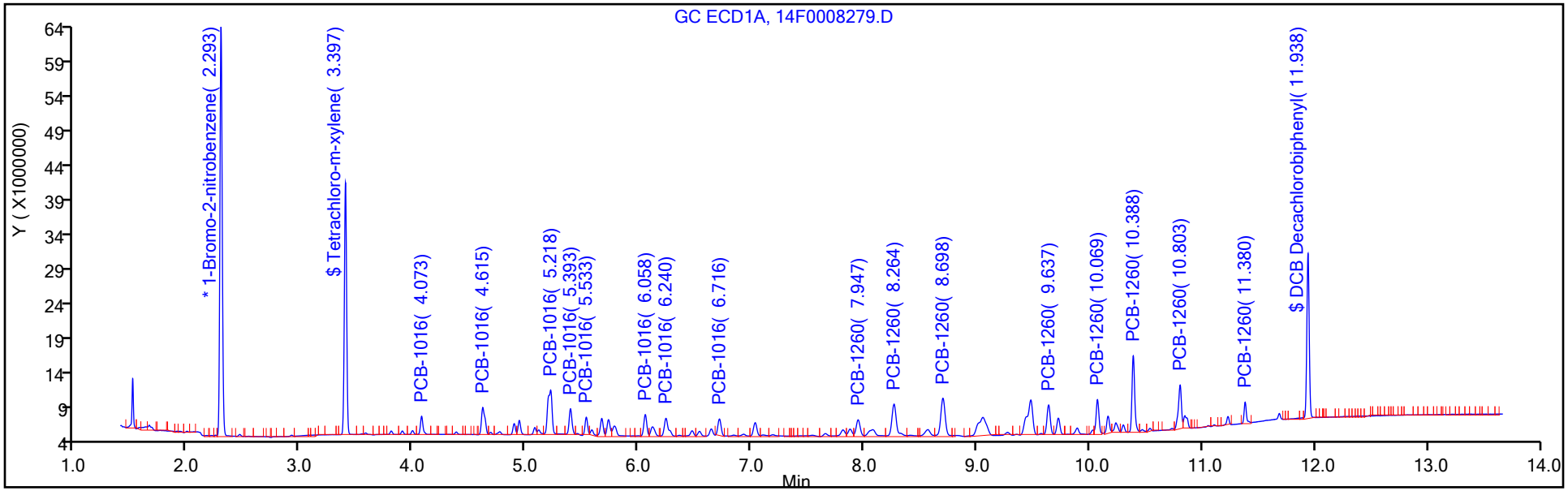
Lims ID: IC PCB Worklist Smp#: 2

Client ID:

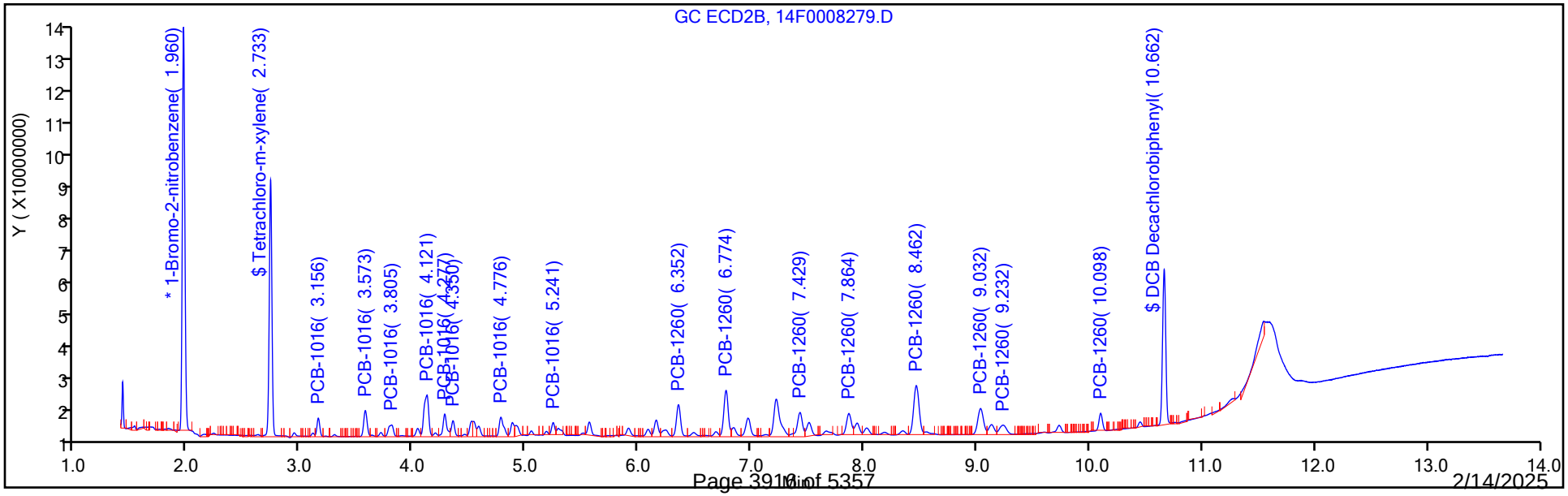
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

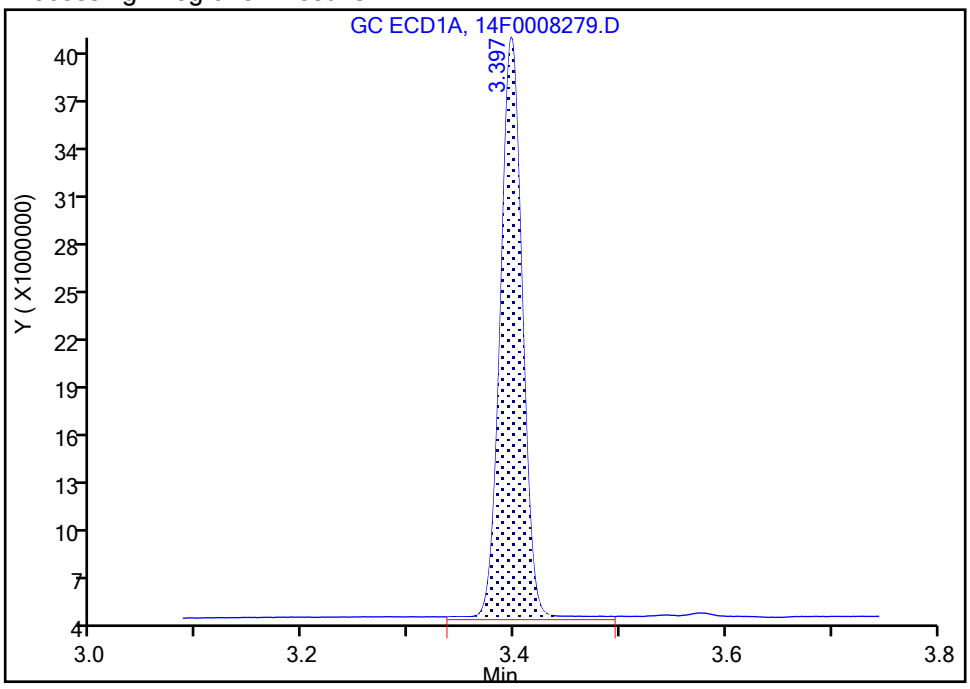
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## $ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

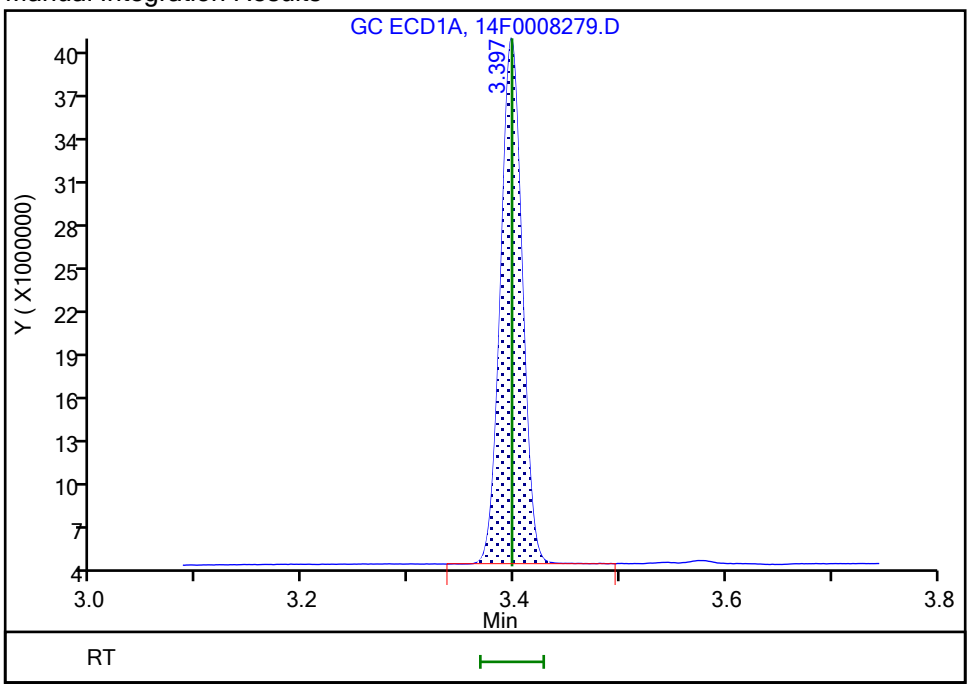
Processing Integration Results

RT: 3.40
Area: 53023868
Amount: 12.500000
Amount Units: ug/l




Manual Integration Results

RT: 3.40
Area: 51124516
Amount: 12.718170
Amount Units: ug/l



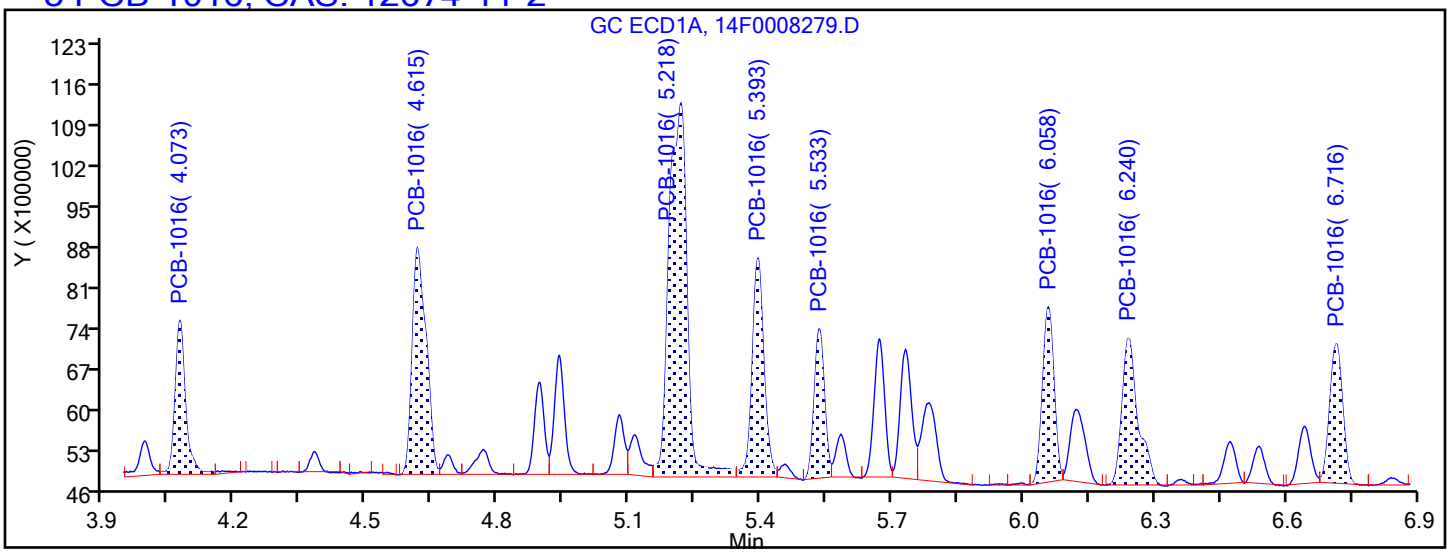

Reviewer: OR9X, 23-Oct-2024 10:28:33 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:01:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

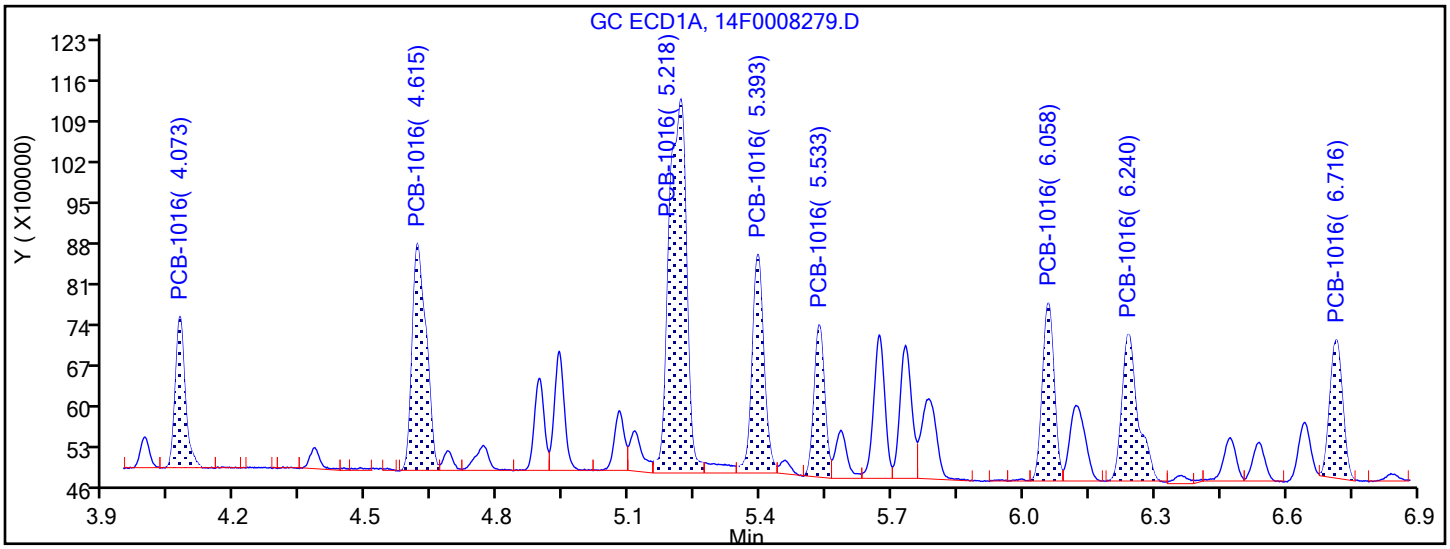
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.073 | Response = 4398573 |
| 4.615 | Response = 8581332 |
| 5.218 | Response = 18257004 |
| 5.393 | Response = 7032409 |
| 5.533 | Response = 4241389 |
| 6.058 | Response = 5465691 |
| 6.240 | Response = 6478125 |
| 6.716 | Response = 4948160 |




Manual Integration Results

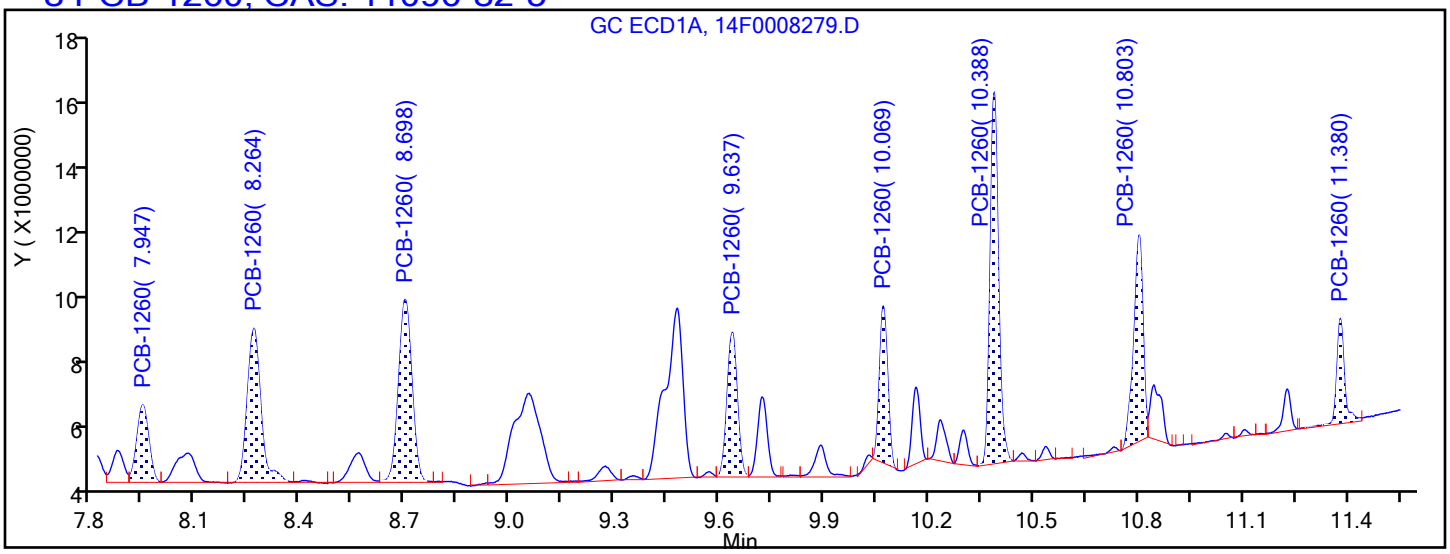
| | | |
|---|---|---|
| 4.073 | Response = 4143220 | M |
| 4.615 | Response = 8581332 | |
| 5.218 | Response = 17655034 | M |
| 5.393 | Response = 7032409 | |
| 5.533 | Response = 4362081 | M |
| 6.058 | Response = 5693951 | M |

Report Date: 23-Oct-2024 14:01:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

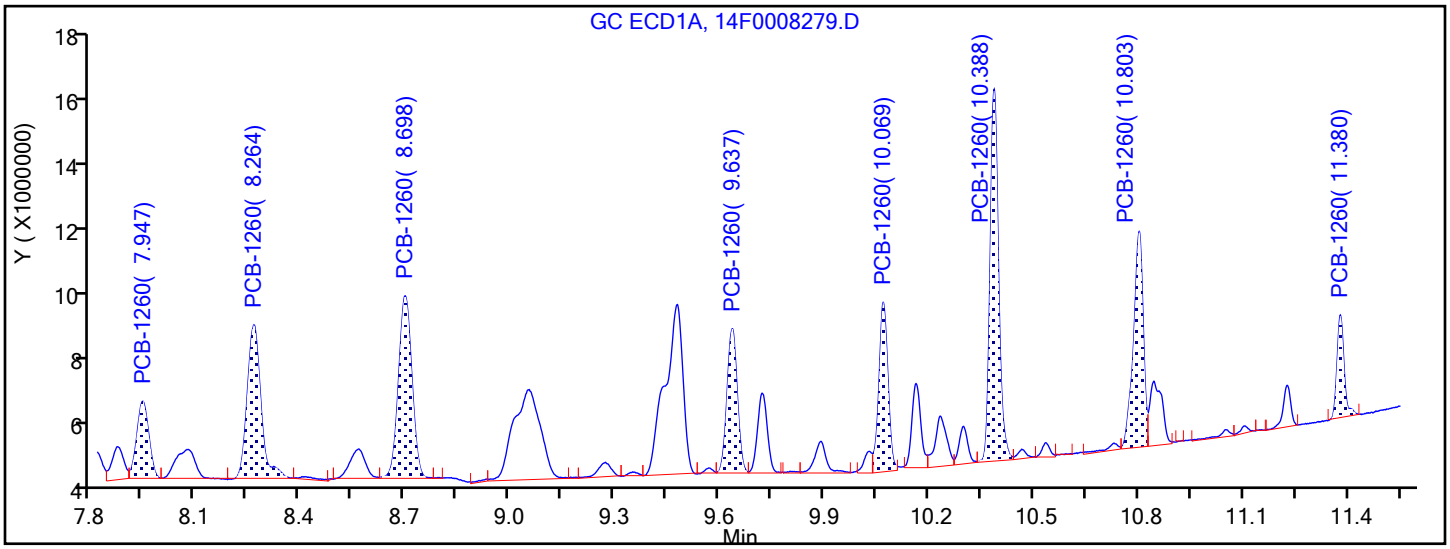
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.947 | Response = 5636317 |
| 8.264 | Response = 12586150 |
| 8.698 | Response = 14304234 |
| 9.637 | Response = 8530708 |
| 10.069 | Response = 7524042 |
| 10.388 | Response = 18135462 |
| 10.803 | Response = 11371791 |
| 11.380 | Response = 4925339 |




Manual Integration Results

| | |
|---|---|
| 7.947 | Response = 5636317 |
| 8.264 | Response = 12586150 |
| 8.698 | Response = 14304234 |
| 9.637 | Response = 8530708 |
| 10.069 | Response = 8858669 M |
| 10.388 | Response = 18475281 M |

Manual Integration/User Assign Peak Report

Eurofins Edison

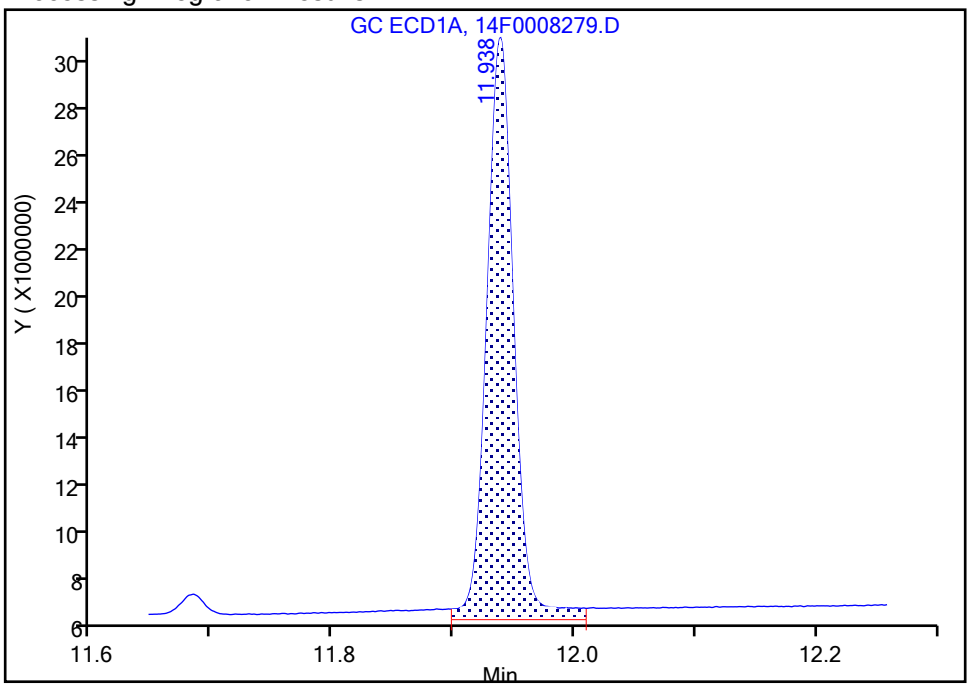
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## $ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

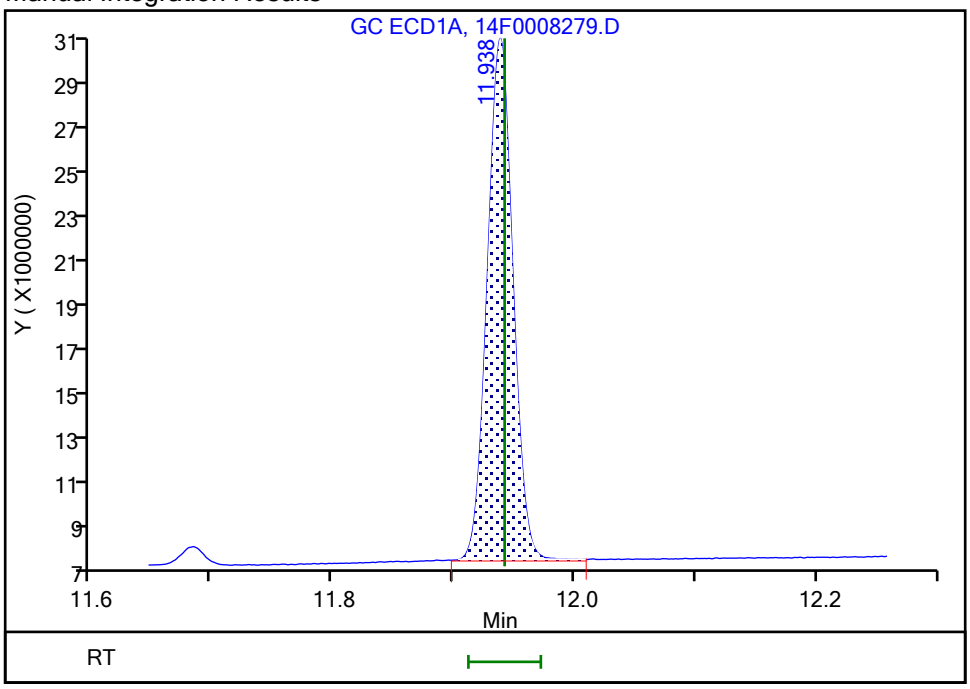
Processing Integration Results

RT: 11.94
Area: 37432035
Amount: 12.500000
Amount Units: ug/l




Manual Integration Results

RT: 11.94
Area: 34920590
Amount: 12.545661
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 10:29:16 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Oct-2024 10:19:39 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-003
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:38 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 10:56:47

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.295 | -0.002 | 81787109 | 20.0 | 20.0 | |
| 2 | 1.963 | 1.963 | 0.000 | 183509090 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.398 | 3.398 | 0.000 | 193992029 | 50.0 | 49.8 | M |
| 2 | 2.737 | 2.738 | -0.001 | 493868664 | 50.0 | 49.0 | |
| | | | | | | RPD = 1.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 33834476 | 500.0 | 498.1 | M |
| 1 | 4.616 | 4.616 | 0.000 | 71399232 | 500.0 | 484.4 | |
| 1 | 5.218 | 5.219 | -0.001 | 151359271 | 500.0 | 479.4 | M |
| 1 | 5.393 | 5.394 | -0.001 | 59216373 | 500.0 | 483.0 | M |
| 1 | 5.533 | 5.534 | -0.001 | 37322320 | 500.0 | 485.8 | M |
| 1 | 6.058 | 6.058 | 0.000 | 48896358 | 500.0 | 488.3 | M |
| 1 | 6.240 | 6.241 | -0.001 | 56372098 | 500.0 | 531.1 | M |
| 1 | 6.715 | 6.716 | -0.001 | 44229391 | 500.0 | 583.9 | M |
| | | Average of Peak Amounts = | | | | 504.3 | |
| 2 | 3.159 | 3.161 | -0.002 | 78293307 | 500.0 | 494.8 | M |
| 2 | 3.578 | 3.578 | 0.000 | 140597250 | 500.0 | 475.0 | M |
| 2 | 3.811 | 3.813 | -0.002 | 92126374 | 500.0 | 496.0 | M |
| 2 | 4.123 | 4.124 | -0.001 | 323174398 | 500.0 | 465.2 | M |
| 2 | 4.282 | 4.283 | -0.001 | 131989246 | 500.0 | 472.0 | M |
| 2 | 4.354 | 4.356 | -0.002 | 82452808 | 500.0 | 485.3 | M |
| 2 | 4.779 | 4.781 | -0.002 | 133288650 | 500.0 | 482.4 | M |
| 2 | 5.243 | 5.244 | -0.001 | 70598251 | 500.0 | 536.0 | M |
| | | Average of Peak Amounts = | | | | 488.3 | |
| | | | | | | RPD = 3.21 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 48748149 | 500.0 | 521.1 | M |
| 1 | 8.265 | 8.263 | 0.002 | 107140692 | 500.0 | 536.6 | M |
| 1 | 8.698 | 8.698 | 0.000 | 124615527 | 500.0 | 526.8 | M |
| 1 | 9.637 | 9.636 | 0.001 | 76654825 | 500.0 | 490.4 | M |
| 1 | 10.068 | 10.070 | -0.002 | 75605555 | 500.0 | 488.3 | M |
| 1 | 10.382 | 10.389 | -0.007 | 168321601 | 500.0 | 486.8 | M |
| 1 | 10.793 | 10.803 | -0.010 | 111078526 | 500.0 | 485.1 | M |
| 1 | 11.365 | 11.383 | -0.018 | 38445858 | 500.0 | 437.8 | M |
| | | Average of Peak Amounts = | | | | 496.6 | |
| 2 | 6.354 | 6.357 | -0.003 | 210321327 | 500.0 | 517.6 | M |
| 2 | 6.778 | 6.776 | 0.002 | 339916249 | 500.0 | 514.1 | M |
| 2 | 7.433 | 7.433 | 0.000 | 195198530 | 500.0 | 488.5 | M |
| 2 | 7.868 | 7.866 | 0.002 | 200929485 | 500.0 | 521.0 | M |
| 2 | 8.466 | 8.463 | 0.003 | 475155828 | 500.0 | 487.3 | M |
| 2 | 9.038 | 9.033 | 0.005 | 248721901 | 500.0 | 505.3 | |
| 2 | 9.231 | 9.226 | 0.005 | 119323657 | 500.0 | 472.2 | |
| 2 | 10.095 | 10.100 | -0.005 | 101328932 | 500.0 | 447.7 | M |
| | | Average of Peak Amounts = | | | | 494.2 | |
| | | | | | | RPD = 0.49 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.921 | 11.942 | -0.021 | 131559697 | 50.0 | 48.8 | M |
| 2 | 10.654 | 10.664 | -0.010 | 344531555 | 50.0 | 48.6 | |
| | | | | | | RPD = 0.36 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1000.9 | |

## QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L2_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

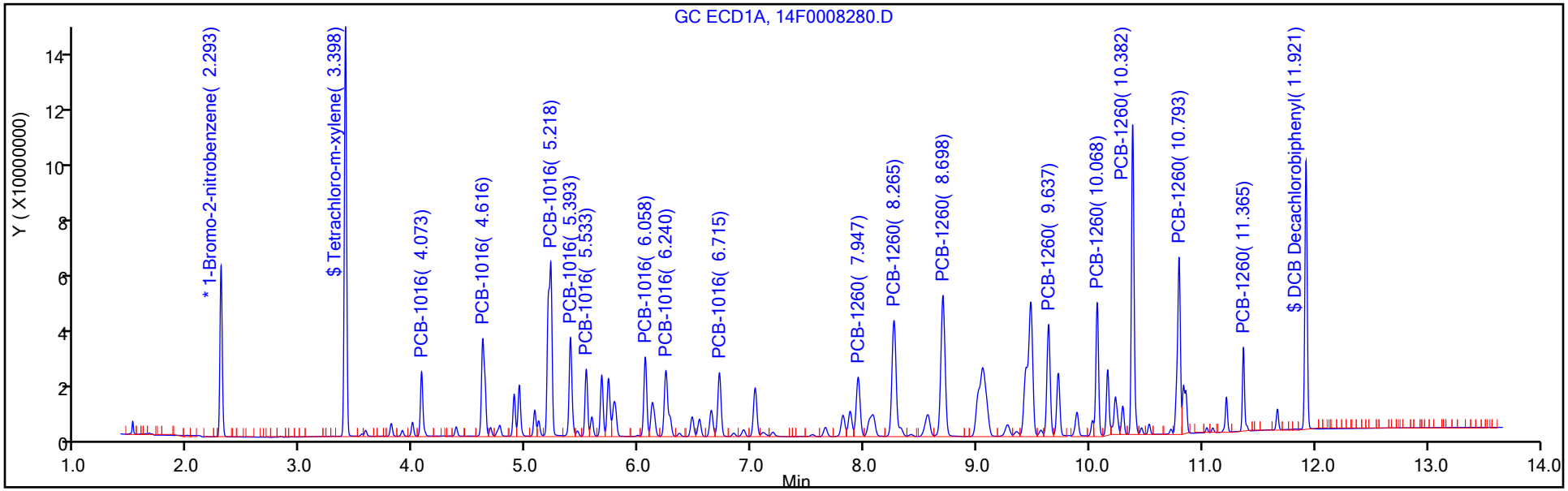
Report Date: 23-Oct-2024 14:01:39 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

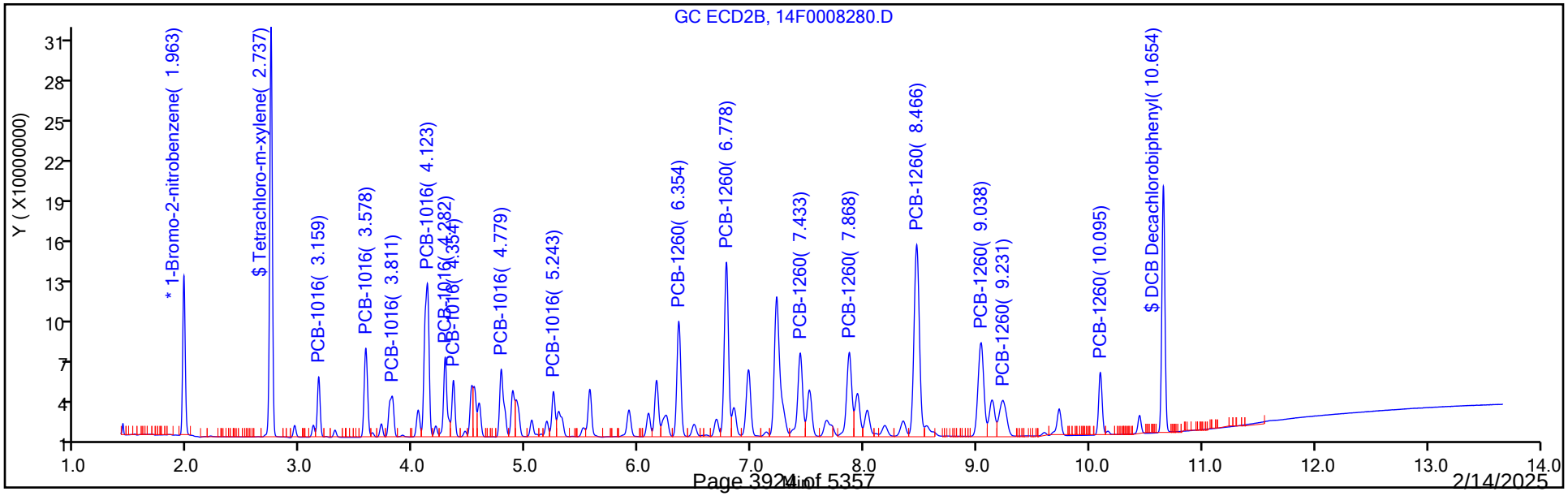
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:19:39 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

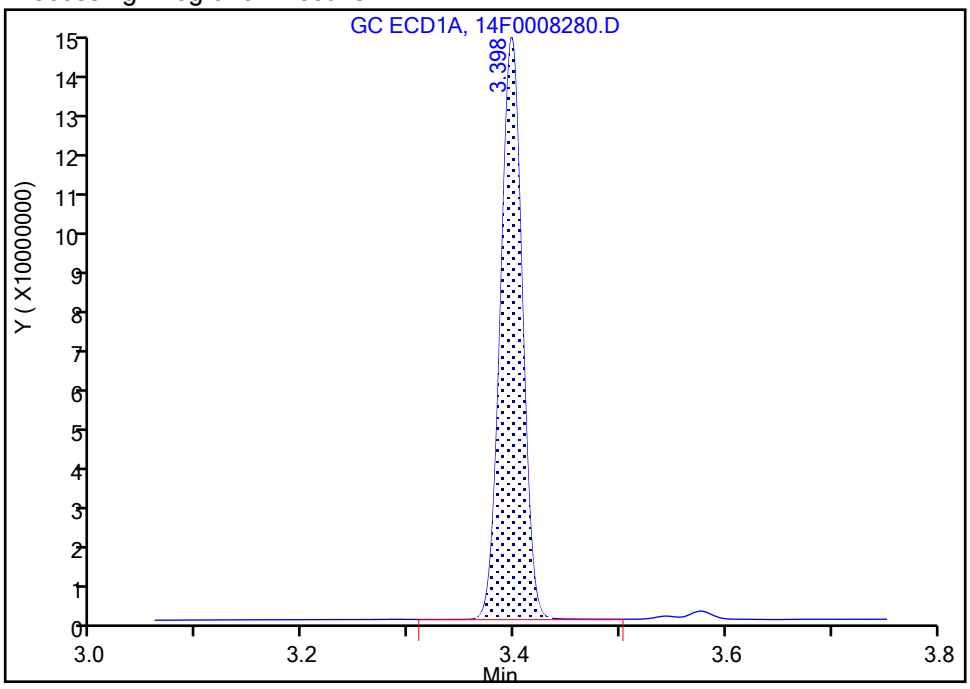
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## $ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

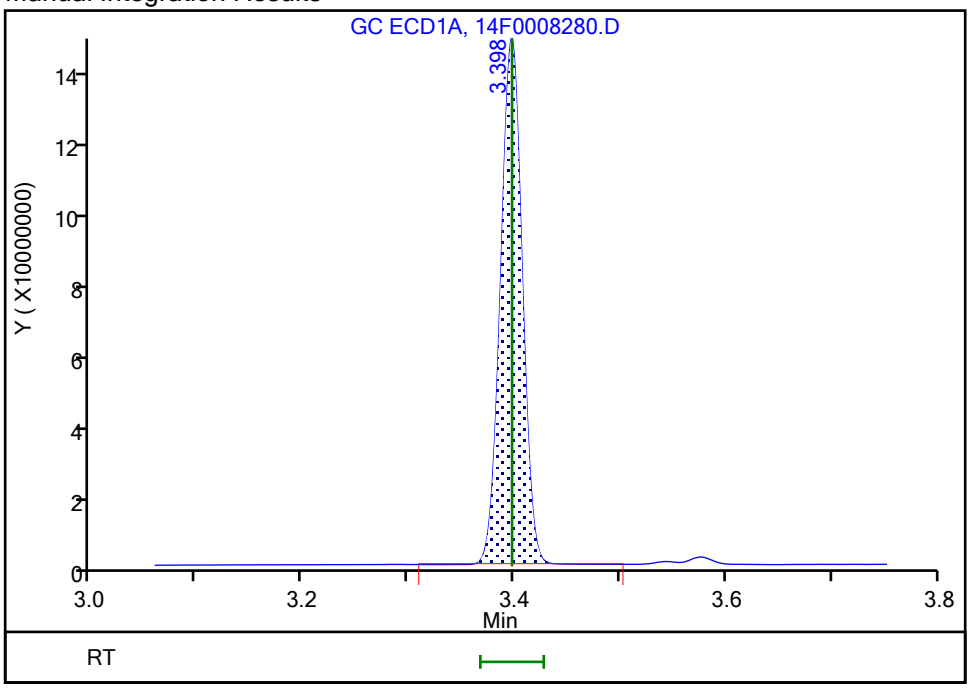
Processing Integration Results

RT: 3.40
Area: 196044805
Amount: 49.749966
Amount Units: ug/l




Manual Integration Results

RT: 3.40
Area: 193992029
Amount: 49.839031
Amount Units: ug/l



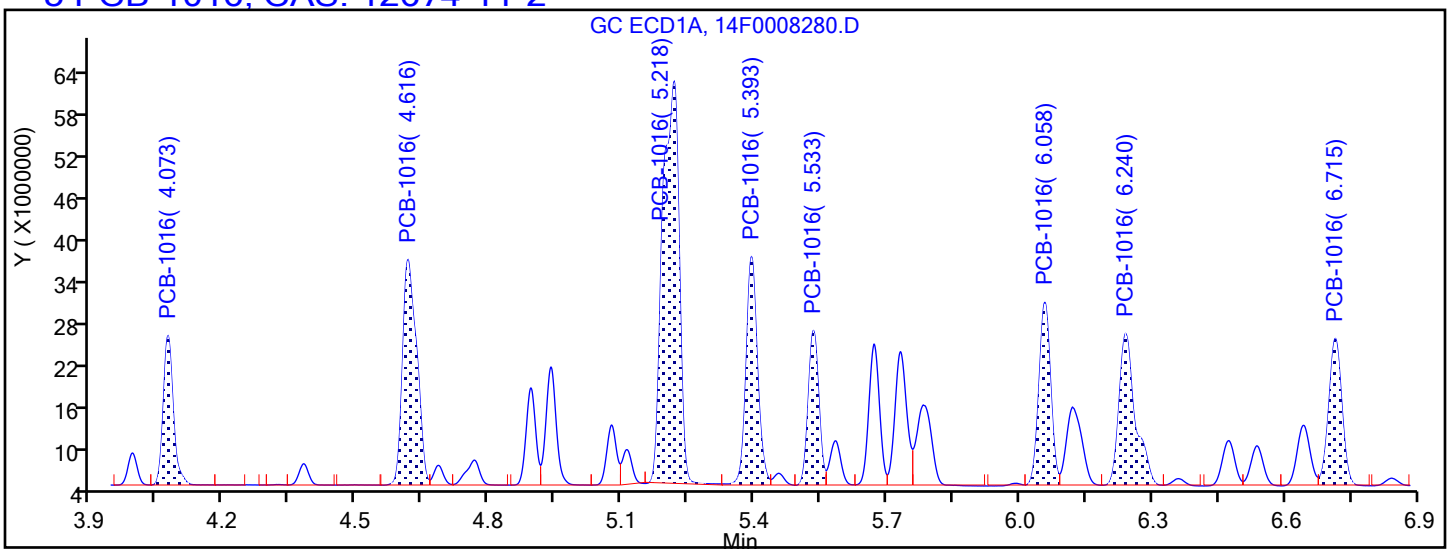

Reviewer: OR9X, 23-Oct-2024 10:55:45 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:01:40 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

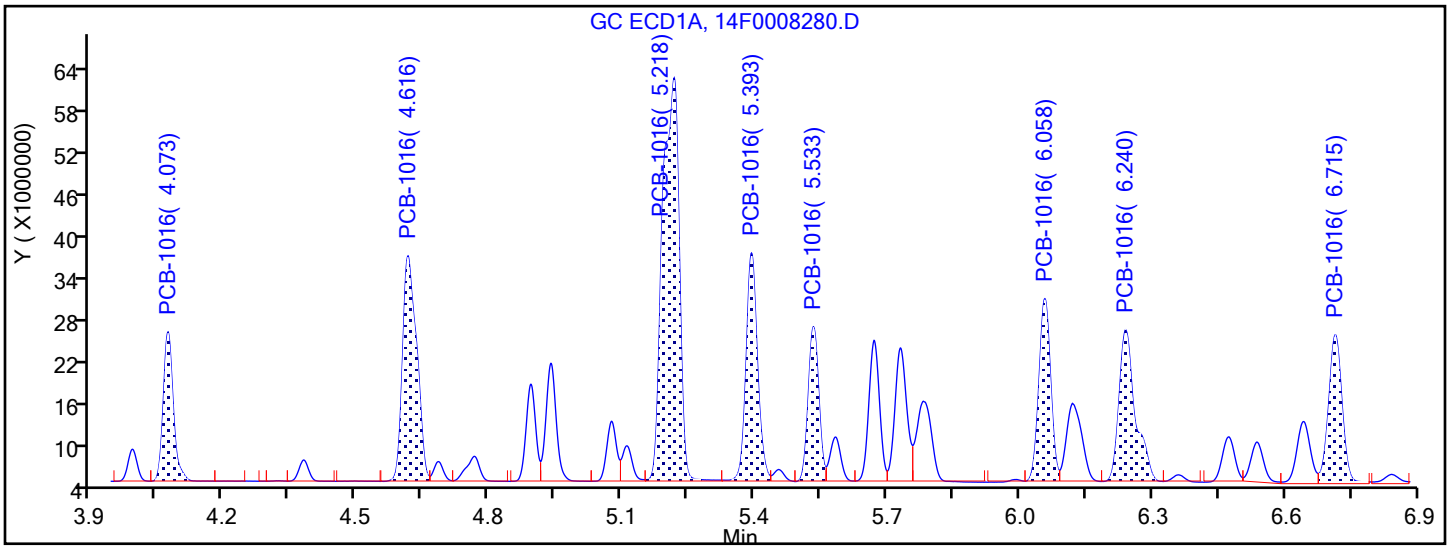
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.073 | Response = 34075123 |
| 4.616 | Response = 71399232 |
| 5.218 | Response = 148825712 |
| 5.393 | Response = 58178457 |
| 5.533 | Response = 37051965 |
| 6.058 | Response = 48638295 |
| 6.240 | Response = 55392032 |
| 6.715 | Response = 43902848 |




Manual Integration Results

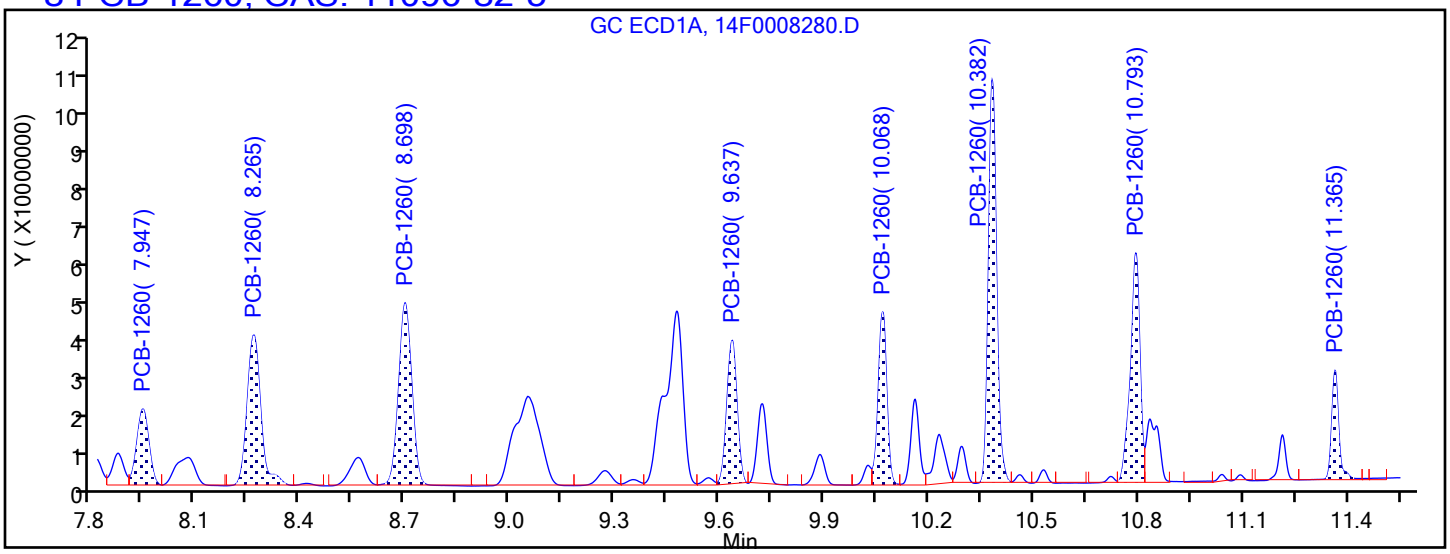
| | | |
|---|---|---|
| 4.073 | Response = 33834476 | M |
| 4.616 | Response = 71399232 | |
| 5.218 | Response = 151359271 | M |
| 5.393 | Response = 59216373 | M |
| 5.533 | Response = 37322320 | M |
| 6.058 | Response = 48896358 | M |

Report Date: 23-Oct-2024 14:01:40 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

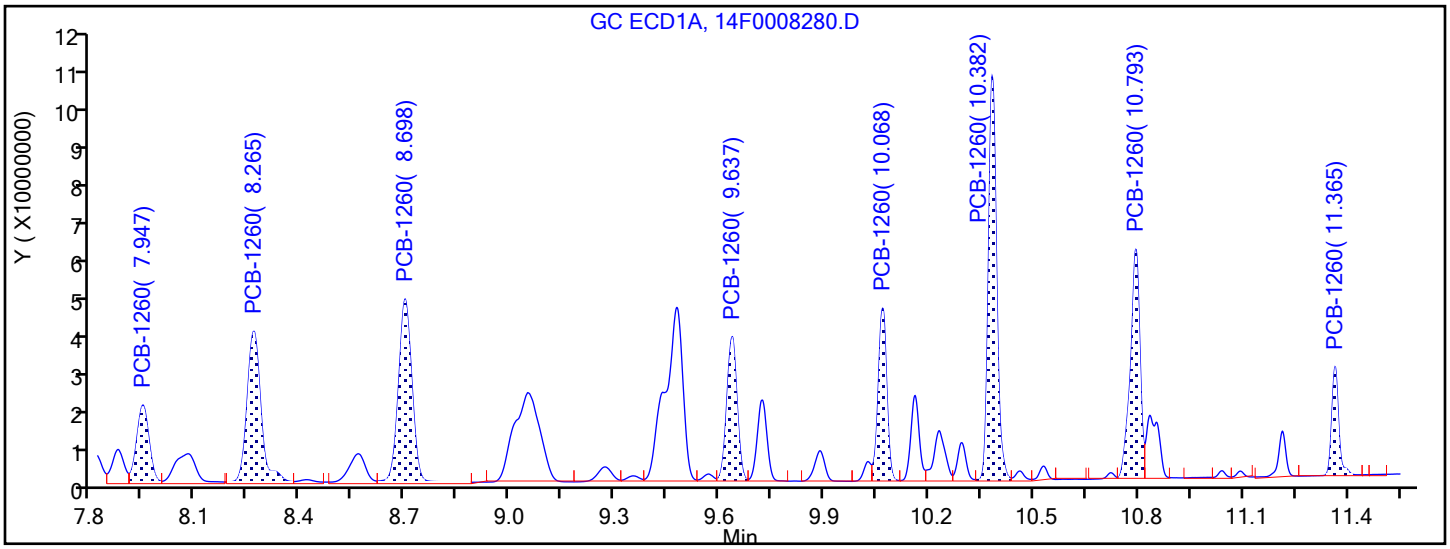
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.947 | Response = 47347628 |
| 8.265 | Response = 106238441 |
| 8.698 | Response = 121909641 |
| 9.637 | Response = 73968203 |
| 10.068 | Response = 75199095 |
| 10.382 | Response = 167472040 |
| 10.793 | Response = 110591952 |
| 11.365 | Response = 39206465 |




Manual Integration Results

| | | |
|---|---|---|
| 7.947 | Response = 48748149 | M |
| 8.265 | Response = 107140692 | M |
| 8.698 | Response = 124615527 | M |
| 9.637 | Response = 76654825 | M |
| 10.068 | Response = 75605555 | M |
| 10.382 | Response = 168321601 | M |

Manual Integration/User Assign Peak Report

Eurofins Edison

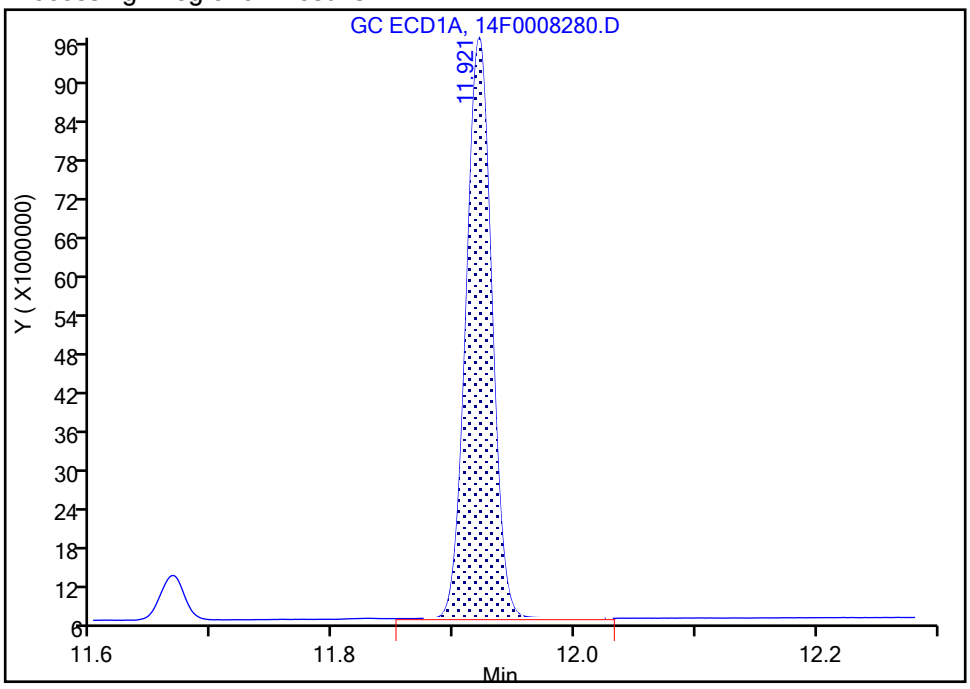
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## $ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

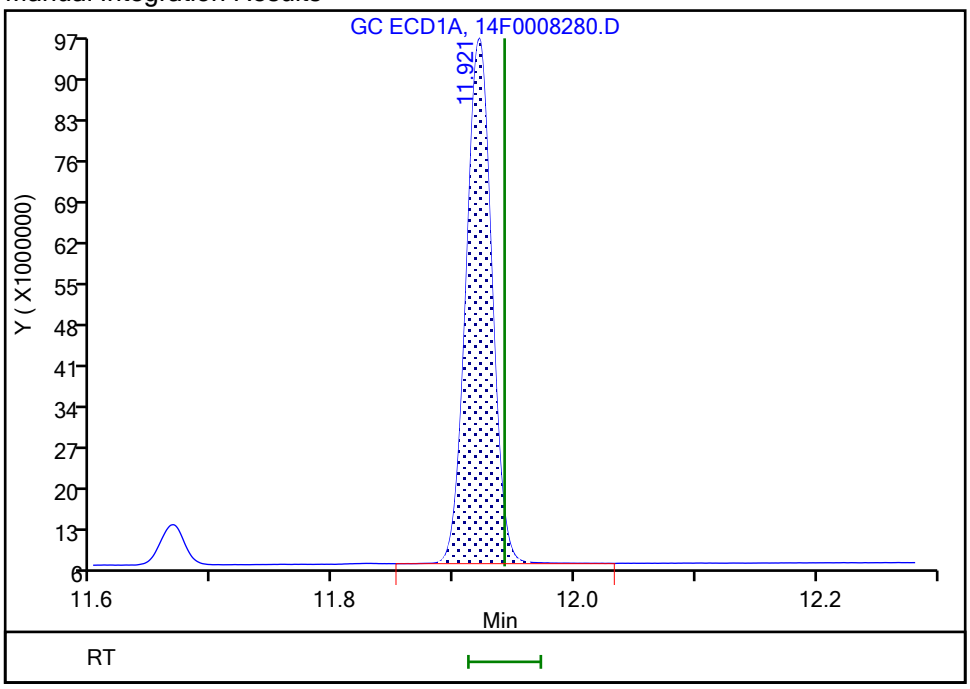
Processing Integration Results

RT: 11.92
Area: 132478263
Amount: 49.481555
Amount Units: ug/l




Manual Integration Results

RT: 11.92
Area: 131559697
Amount: 48.811837
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 10:56:29 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 23-Oct-2024 10:36:16 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-004
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:52 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:15:40

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.293 | 0.000 | 78847451 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 175462676 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.398 | 3.398 | 0.000 | 376823027 | 100.0 | 100.4 | |
| 2 | 2.738 | 2.738 | 0.000 | 970267469 | 100.0 | 100.7 | |
| | | | | | | RPD = 0.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 62485088 | 1000.0 | 954.2 | |
| 1 | 4.616 | 4.616 | 0.000 | 139748540 | 1000.0 | 983.5 | M |
| 1 | 5.219 | 5.219 | 0.000 | 301071656 | 1000.0 | 989.0 | M |
| 1 | 5.394 | 5.394 | 0.000 | 115257703 | 1000.0 | 975.2 | M |
| 1 | 5.534 | 5.534 | 0.000 | 73152708 | 1000.0 | 987.7 | M |
| 1 | 6.058 | 6.058 | 0.000 | 95189540 | 1000.0 | 986.0 | M |
| 1 | 6.241 | 6.241 | 0.000 | 96089947 | 1000.0 | 939.0 | M |
| 1 | 6.716 | 6.716 | 0.000 | 64015896 | 1000.0 | 876.7 | M |
| | | Average of Peak Amounts = | | | | 961.4 | |
| 2 | 3.161 | 3.161 | 0.000 | 142439991 | 1000.0 | 941.4 | |
| 2 | 3.578 | 3.578 | 0.000 | 277425637 | 1000.0 | 980.2 | M |
| 2 | 3.813 | 3.813 | 0.000 | 184482347 | 1000.0 | 1038.9 | M |
| 2 | 4.124 | 4.124 | 0.000 | 663354469 | 1000.0 | 998.6 | M |
| 2 | 4.283 | 4.283 | 0.000 | 265252606 | 1000.0 | 992.1 | M |
| 2 | 4.356 | 4.356 | 0.000 | 163320987 | 1000.0 | 1005.4 | M |
| 2 | 4.781 | 4.781 | 0.000 | 266143490 | 1000.0 | 1007.3 | M |
| 2 | 5.244 | 5.244 | 0.000 | 115809218 | 1000.0 | 919.6 | M |
| | | Average of Peak Amounts = | | | | 985.4 | |
| | | | | | | RPD = 2.47 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 84119870 | 1000.0 | 932.7 | M |
| 1 | 8.263 | 8.263 | 0.000 | 173977038 | 1000.0 | 903.8 | M |
| 1 | 8.698 | 8.698 | 0.000 | 212790785 | 1000.0 | 933.1 | M |
| 1 | 9.636 | 9.636 | 0.000 | 148852480 | 1000.0 | 987.9 | M |
| 1 | 10.070 | 10.070 | 0.000 | 142987847 | 1000.0 | 957.9 | M |
| 1 | 10.389 | 10.389 | 0.000 | 325068777 | 1000.0 | 975.3 | M |
| 1 | 10.803 | 10.803 | 0.000 | 214739464 | 1000.0 | 972.8 | |
| 1 | 11.383 | 11.383 | 0.000 | 86957183 | 1000.0 | 1027.2 | |
| | | Average of Peak Amounts = | | | | 961.3 | |
| 2 | 6.357 | 6.357 | 0.000 | 374414759 | 1000.0 | 963.7 | M |
| 2 | 6.776 | 6.776 | 0.000 | 600291136 | 1000.0 | 949.6 | M |
| 2 | 7.433 | 7.433 | 0.000 | 381176752 | 1000.0 | 997.7 | M |
| 2 | 7.866 | 7.866 | 0.000 | 393634125 | 1000.0 | 1067.5 | M |
| 2 | 8.463 | 8.463 | 0.000 | 917218304 | 1000.0 | 983.8 | M |
| 2 | 9.033 | 9.033 | 0.000 | 450286843 | 1000.0 | 956.8 | M |
| 2 | 9.226 | 9.226 | 0.000 | 263073939 | 1000.0 | 1088.9 | M |
| 2 | 10.100 | 10.100 | 0.000 | 225313618 | 1000.0 | 1041.1 | M |
| | | Average of Peak Amounts = | | | | 1006.1 | |
| | | | | | | RPD = 4.55 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.942 | 11.942 | 0.000 | 257166058 | 100.0 | 99.0 | |
| 2 | 10.664 | 10.664 | 0.000 | 673018223 | 100.0 | 99.4 | |
| | | | | | | RPD = 0.40 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1260ResPCB_00003 | Amount Added: | 1.00 | Units: mL | |
| SG1660L3_00044 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

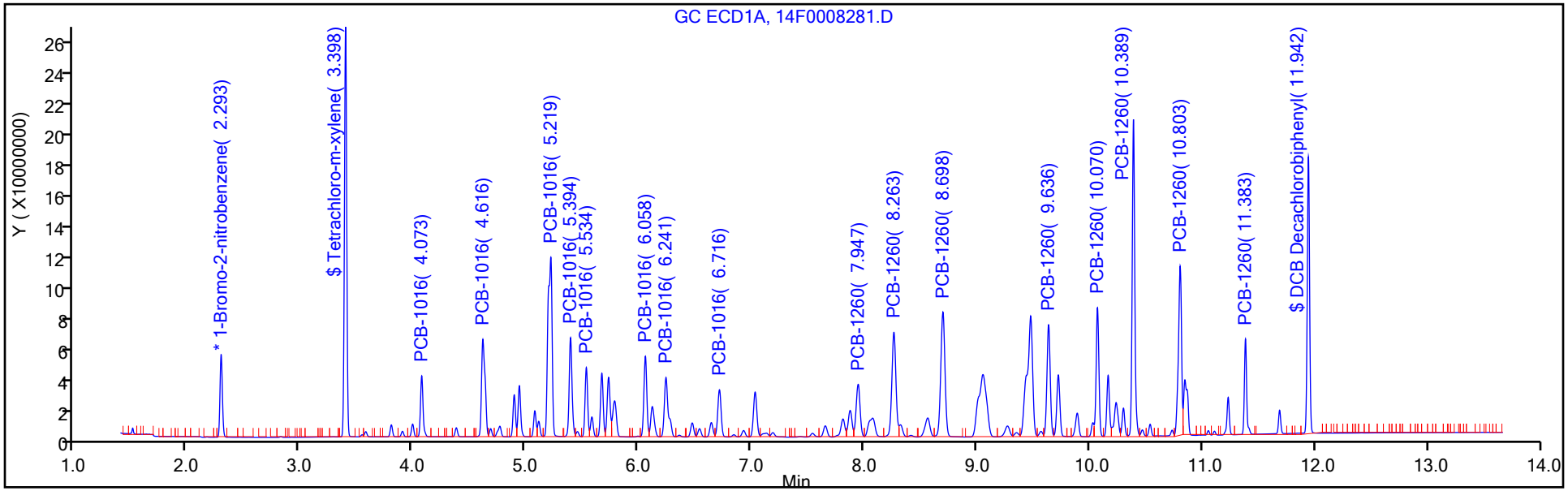
Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

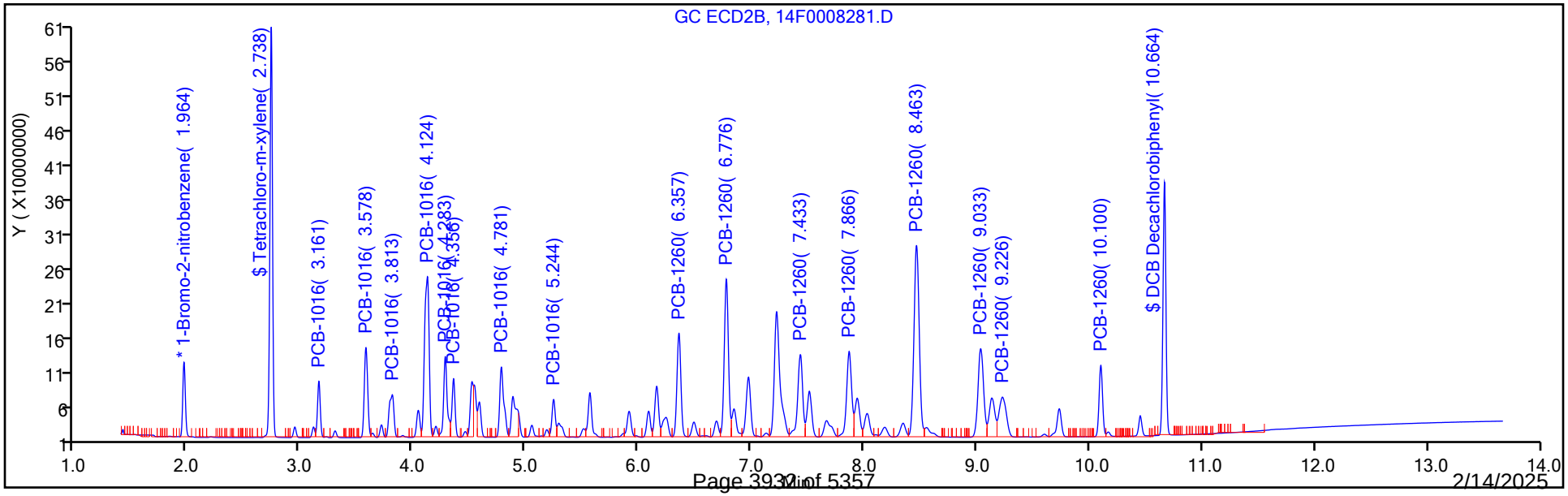
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:36:16 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





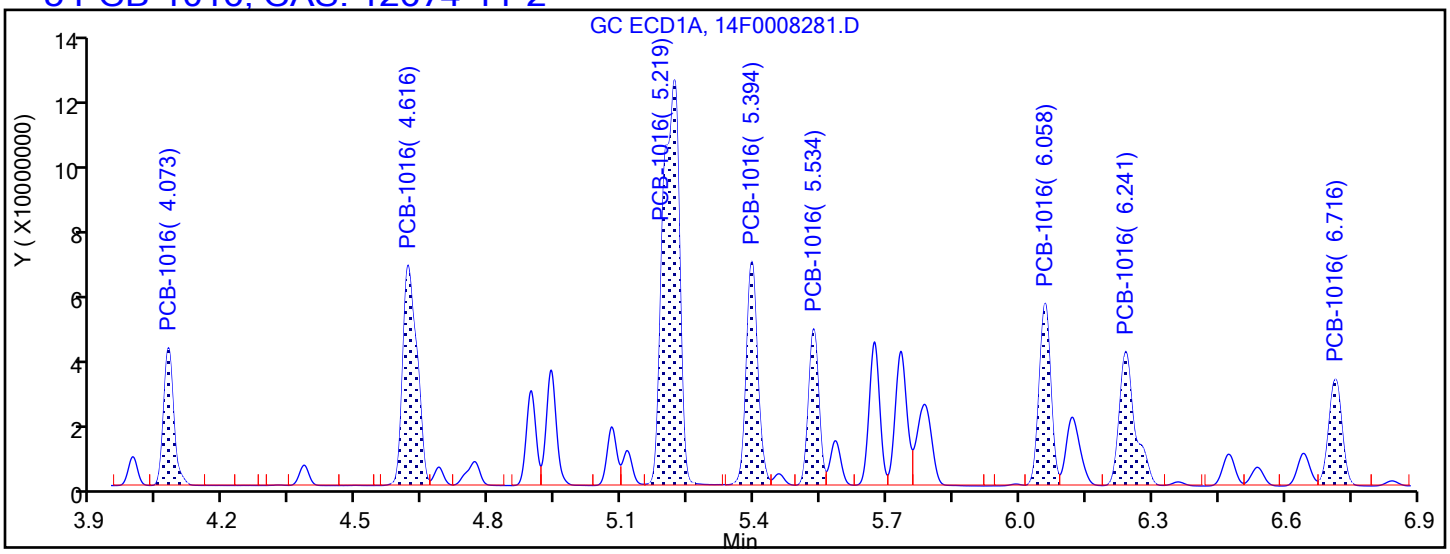

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

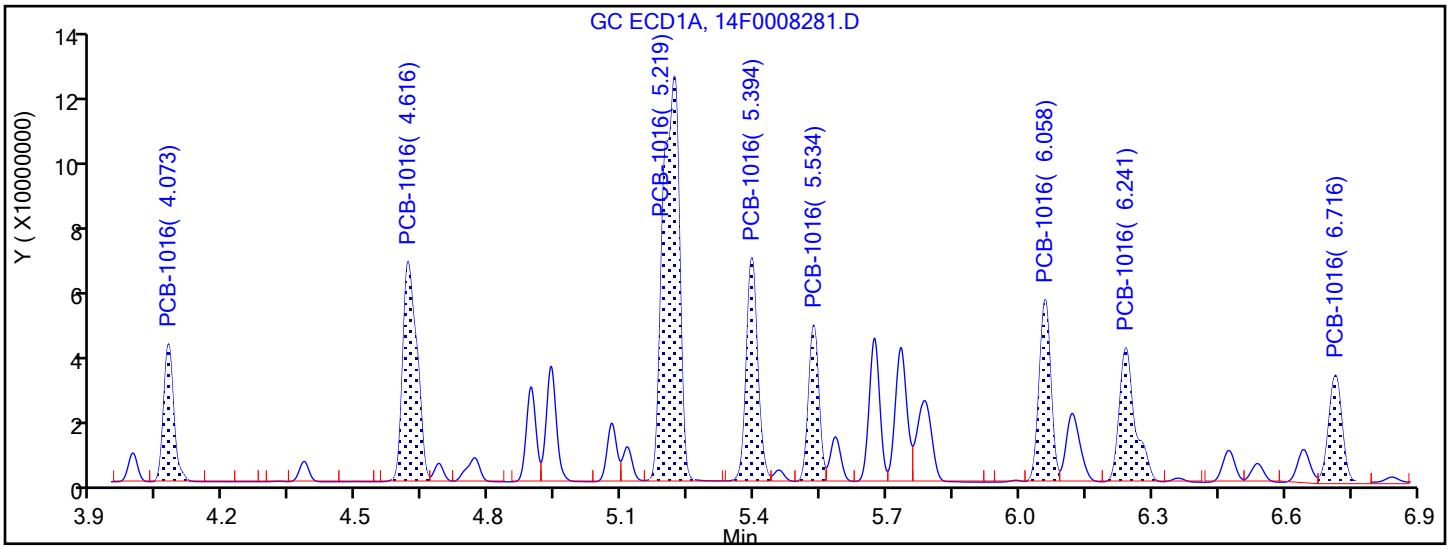
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Injection Date: 23-Oct-2024 10:36:16 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.073 | Response = 62485088 |
| 4.616 | Response = 139121567 |
| 5.219 | Response = 297363220 |
| 5.394 | Response = 113678808 |
| 5.534 | Response = 72394481 |
| 6.058 | Response = 94933275 |
| 6.241 | Response = 94856492 |
| 6.716 | Response = 63679771 |




Manual Integration Results

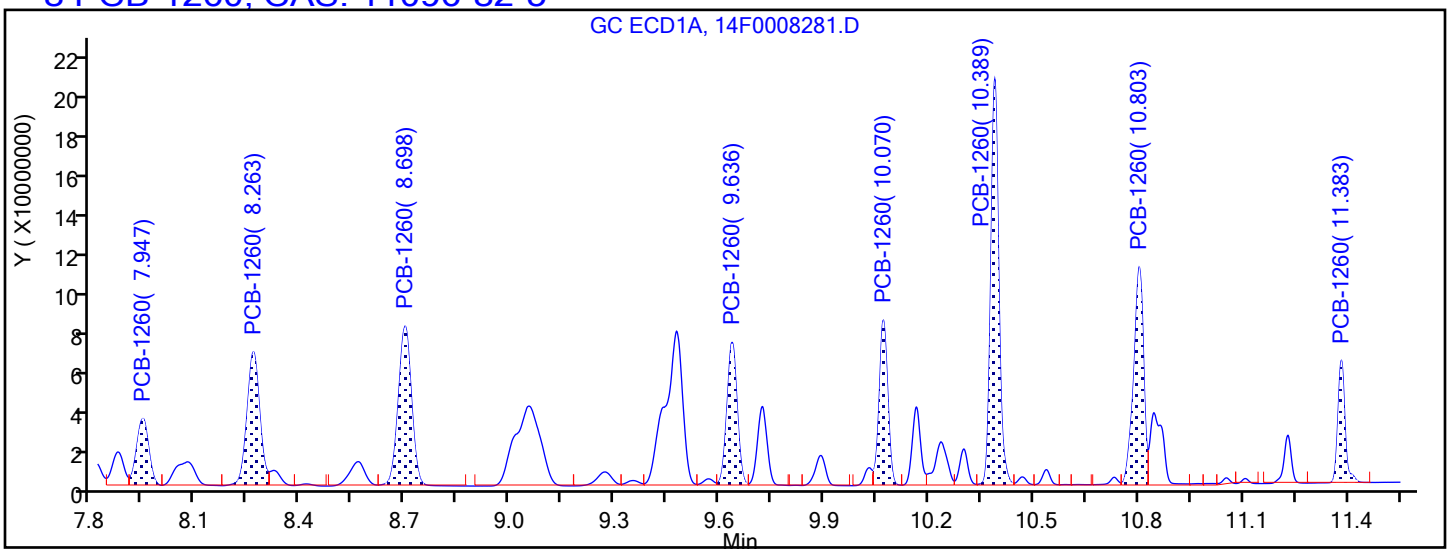
| | | |
|---|---|---|
| 4.073 | Response = 62485088 | |
| 4.616 | Response = 139748540 | M |
| 5.219 | Response = 301071656 | M |
| 5.394 | Response = 115257703 | M |
| 5.534 | Response = 73152708 | M |
| 6.058 | Response = 95189540 | M |

Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

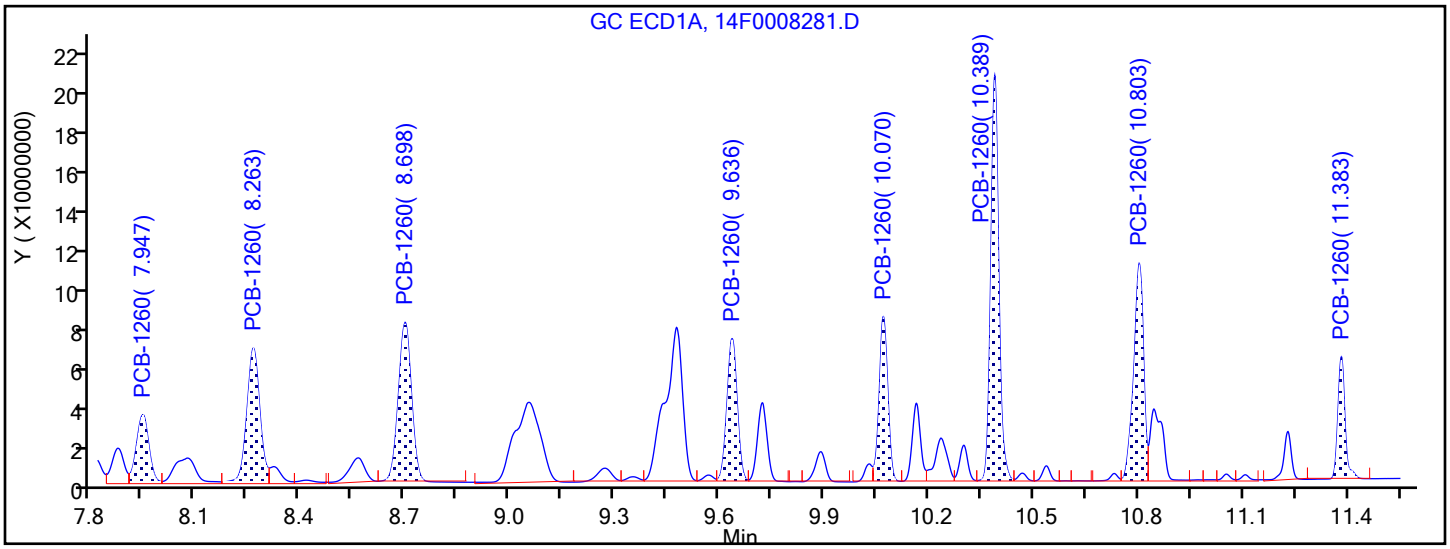
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Injection Date: 23-Oct-2024 10:36:16 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.947 | Response = 82096300 |
| 8.263 | Response = 172451105 |
| 8.698 | Response = 208745209 |
| 9.636 | Response = 143838341 |
| 10.070 | Response = 142253653 |
| 10.389 | Response = 322929683 |
| 10.803 | Response = 214739464 |
| 11.383 | Response = 86957183 |




Manual Integration Results

| | | |
|---|---|---|
| 7.947 | Response = 84119870 | M |
| 8.263 | Response = 173977038 | M |
| 8.698 | Response = 212790785 | M |
| 9.636 | Response = 148852480 | M |
| 10.070 | Response = 142987847 | M |
| 10.389 | Response = 325068777 | M |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Oct-2024 10:52:53 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-005
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:03 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:18:42

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.293 | 0.001 | 82904053 | 20.0 | 20.0 | M |
| 2 | 1.964 | 1.964 | 0.000 | 184712945 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.398 | 3.398 | 0.000 | 619150153 | 150.0 | 156.9 | M |
| 2 | 2.738 | 2.738 | 0.000 | 1645776553 | 150.0 | 162.2 | M |
| | | | | | | RPD = 3.30 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 101432657 | 1500.0 | 1473.2 | M |
| 1 | 4.616 | 4.616 | 0.000 | 225323523 | 1500.0 | 1508.2 | M |
| 1 | 5.218 | 5.219 | -0.001 | 495813052 | 1500.0 | 1549.1 | M |
| 1 | 5.393 | 5.394 | -0.001 | 191760663 | 1500.0 | 1543.1 | M |
| 1 | 5.535 | 5.534 | 0.001 | 117142458 | 1500.0 | 1504.3 | M |
| 1 | 6.058 | 6.058 | 0.000 | 153720296 | 1500.0 | 1514.4 | M |
| 1 | 6.241 | 6.241 | 0.000 | 151004207 | 1500.0 | 1403.4 | M |
| 1 | 6.715 | 6.716 | -0.001 | 106284109 | 1500.0 | 1384.3 | M |
| | | Average of Peak Amounts = | | | | 1485.0 | |
| 2 | 3.160 | 3.161 | -0.001 | 242363564 | 1500.0 | 1521.6 | M |
| 2 | 3.578 | 3.578 | 0.000 | 467081301 | 1500.0 | 1567.6 | M |
| 2 | 3.811 | 3.813 | -0.002 | 249232318 | 1500.0 | 1333.2 | M |
| 2 | 4.125 | 4.124 | 0.001 | 1140399231 | 1500.0 | 1630.8 | M |
| 2 | 4.282 | 4.283 | -0.001 | 449587837 | 1500.0 | 1597.3 | M |
| 2 | 4.356 | 4.356 | 0.000 | 269352710 | 1500.0 | 1575.1 | M |
| 2 | 4.781 | 4.781 | 0.000 | 411442960 | 1500.0 | 1479.3 | |
| 2 | 5.243 | 5.244 | -0.001 | 193678679 | 1500.0 | 1461.0 | M |
| | | Average of Peak Amounts = | | | | 1520.7 | |
| | | | | | | RPD = 2.38 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.948 | 7.947 | 0.001 | 139778714 | 1500.0 | 1474.1 | M |
| 1 | 8.266 | 8.263 | 0.003 | 288579463 | 1500.0 | 1425.8 | M |
| 1 | 8.701 | 8.698 | 0.003 | 347620092 | 1500.0 | 1449.8 | M |
| 1 | 9.637 | 9.636 | 0.001 | 247928123 | 1500.0 | 1564.9 | M |
| 1 | 10.071 | 10.070 | 0.001 | 240648219 | 1500.0 | 1533.3 | M |
| 1 | 10.387 | 10.389 | -0.002 | 549724554 | 1500.0 | 1568.6 | M |
| 1 | 10.799 | 10.803 | -0.004 | 364982646 | 1500.0 | 1572.6 | M |
| 1 | 11.375 | 11.383 | -0.008 | 148616867 | 1500.0 | 1669.7 | M |
| | | Average of Peak Amounts = | | | | 1532.3 | |
| 2 | 6.356 | 6.357 | -0.001 | 582157470 | 1500.0 | 1423.4 | M |
| 2 | 6.778 | 6.776 | 0.002 | 1004467329 | 1500.0 | 1509.4 | M |
| 2 | 7.435 | 7.433 | 0.002 | 627164942 | 1500.0 | 1559.4 | M |
| 2 | 7.870 | 7.866 | 0.004 | 485318925 | 1500.0 | 1250.2 | M |
| 2 | 8.469 | 8.463 | 0.006 | 1547225456 | 1500.0 | 1576.5 | M |
| 2 | 9.038 | 9.033 | 0.005 | 743278326 | 1500.0 | 1500.3 | |
| 2 | 9.238 | 9.226 | 0.012 | 372785524 | 1500.0 | 1465.7 | |
| 2 | 10.099 | 10.100 | -0.001 | 357044467 | 1500.0 | 1567.1 | |
| | | Average of Peak Amounts = | | | | 1481.5 | |
| | | | | | | RPD = 3.37 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.932 | 11.942 | -0.010 | 436396090 | 150.0 | 159.7 | M |
| 2 | 10.661 | 10.664 | -0.003 | 1142197846 | 150.0 | 160.2 | |
| | | | | | | RPD = 0.29 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 3017.3 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

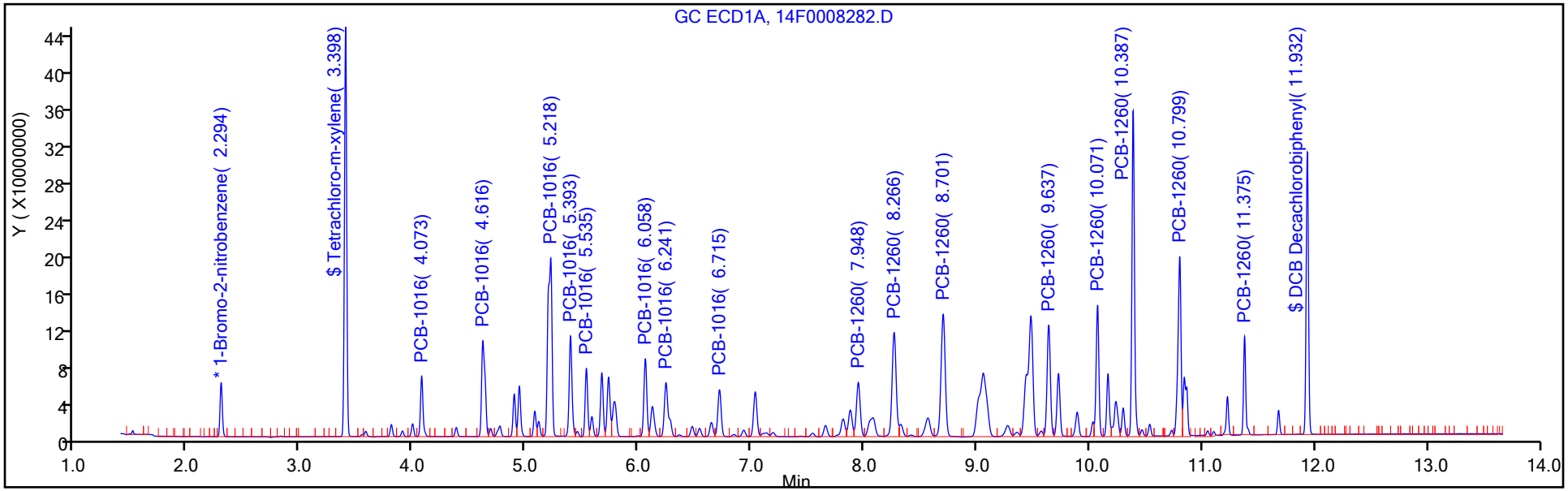
Report Date: 23-Oct-2024 14:02:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

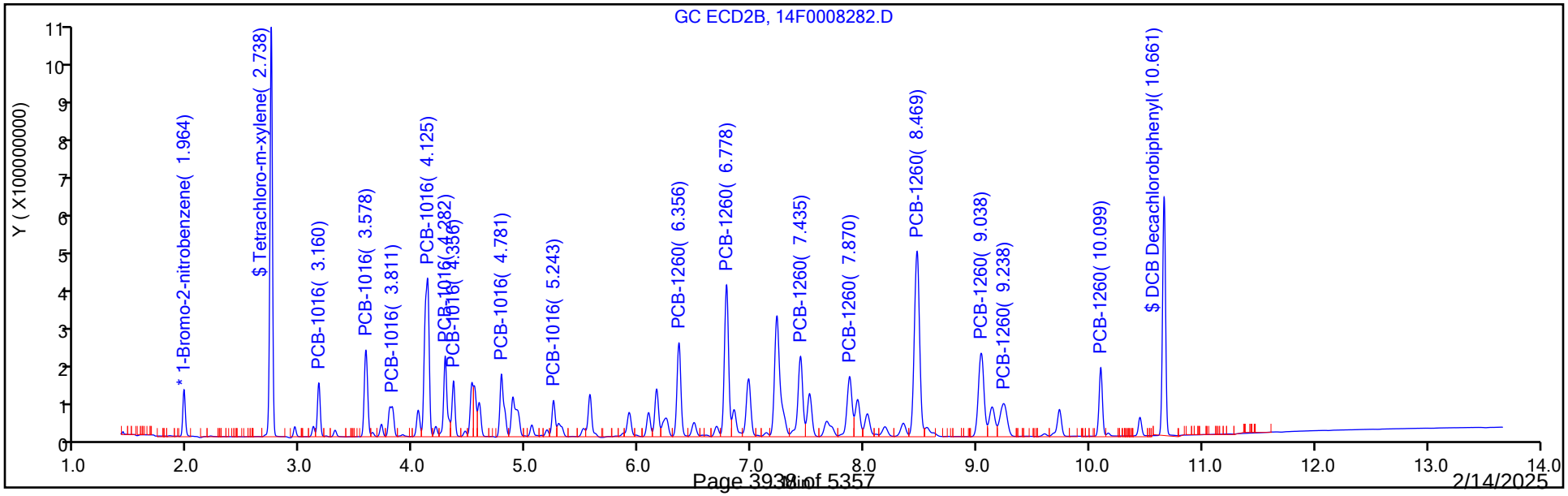
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:52:53 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

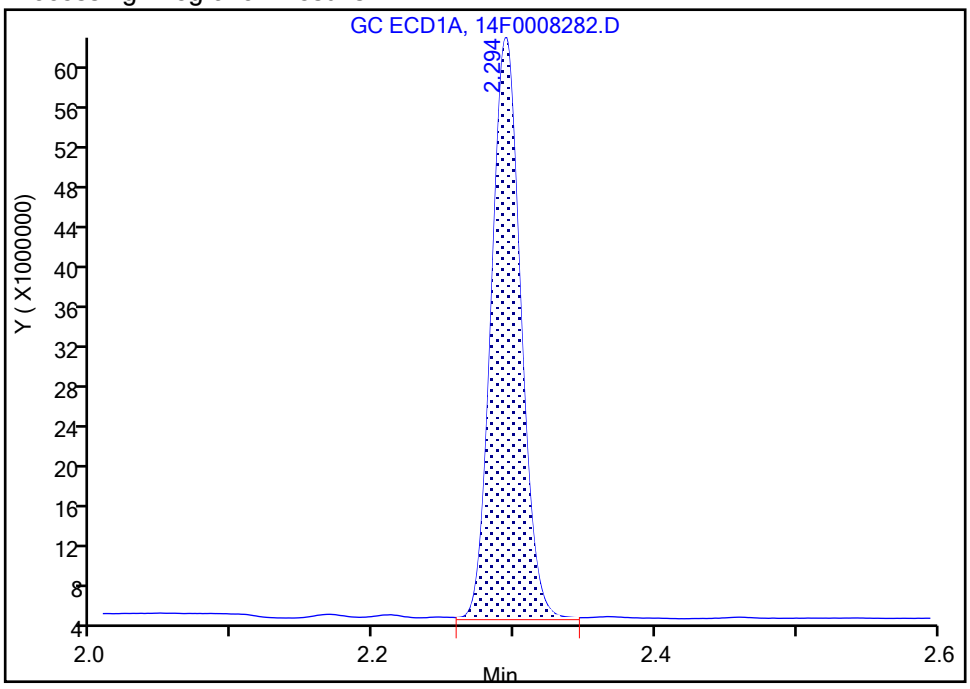
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

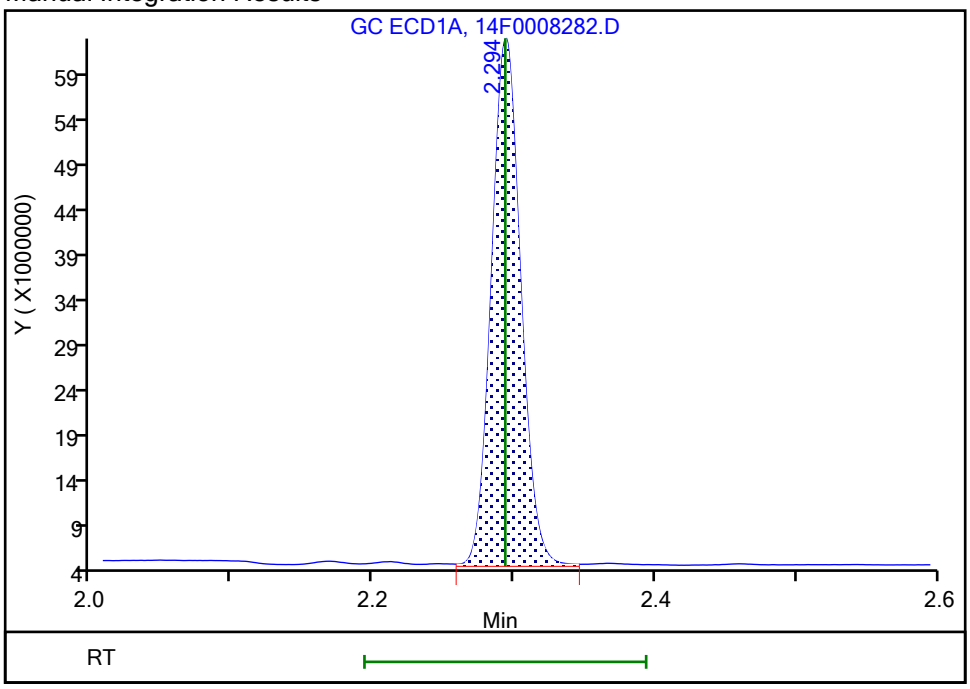
Processing Integration Results

RT: 2.29
Area: 83553887
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.29
Area: 82904053
Amount: 20.000000
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 11:17:36 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

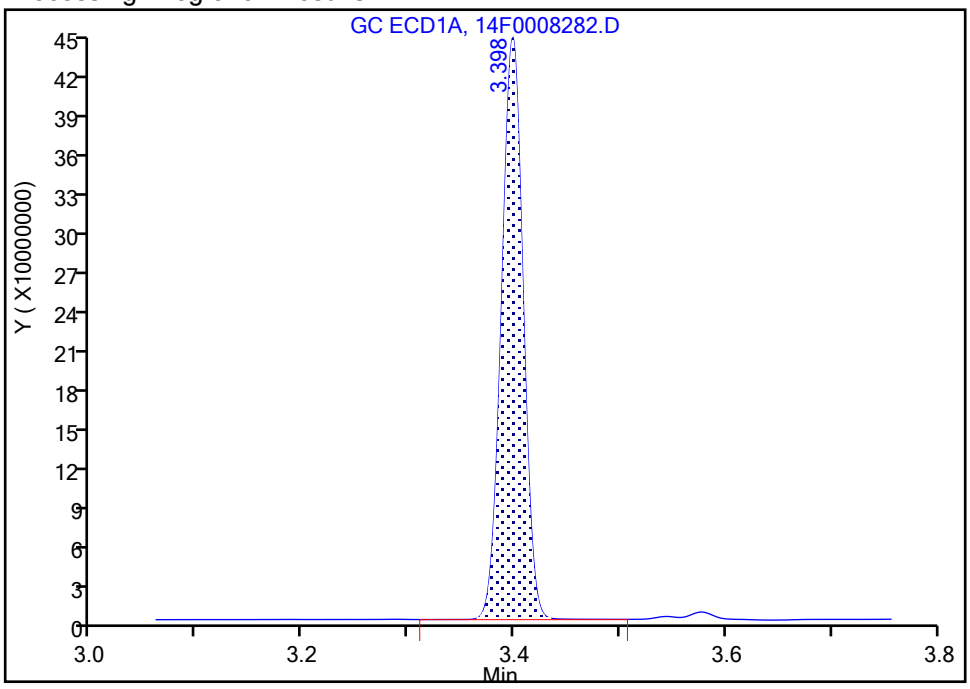
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D | | | | |
| Injection Date: | 23-Oct-2024 10:52:53 | Instrument ID: | CPESTGC14 | | |
| Lims ID: | IC PCB | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 8 | Worklist Smp#: | 5 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |
| Column: | Rtx-CLPesticides ( 0.53 mm) | Detector | GC ECD1A | | |

## $ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 1

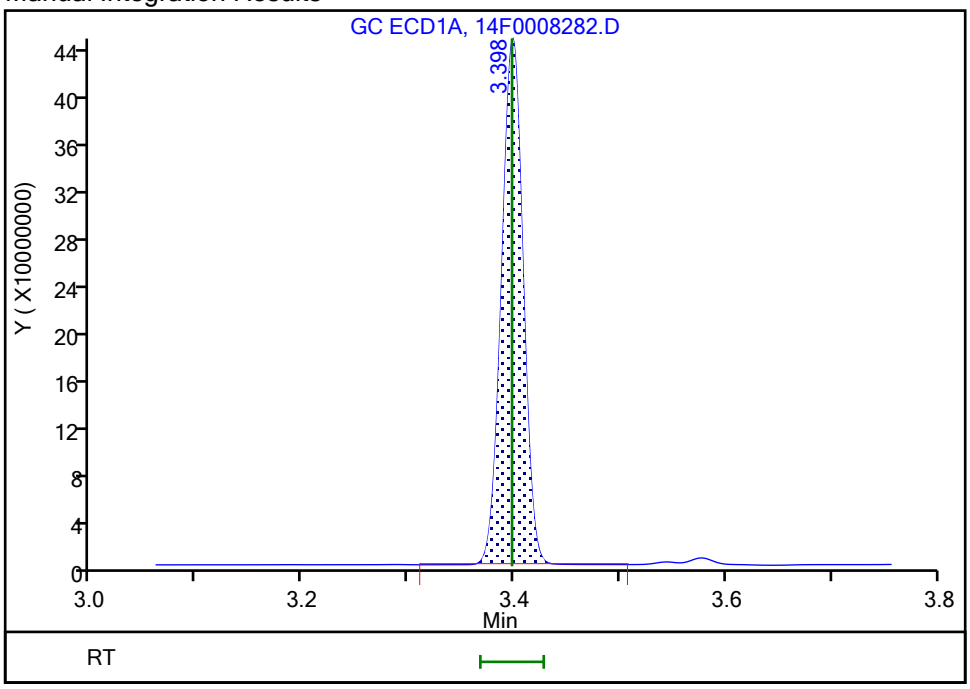
Processing Integration Results

RT: 3.40
Area: 626226938
Amount: 155.7375
Amount Units: ug/l




Manual Integration Results

RT: 3.40
Area: 619150153
Amount: 156.9245
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 11:17:38 -04:00:00 (UTC)

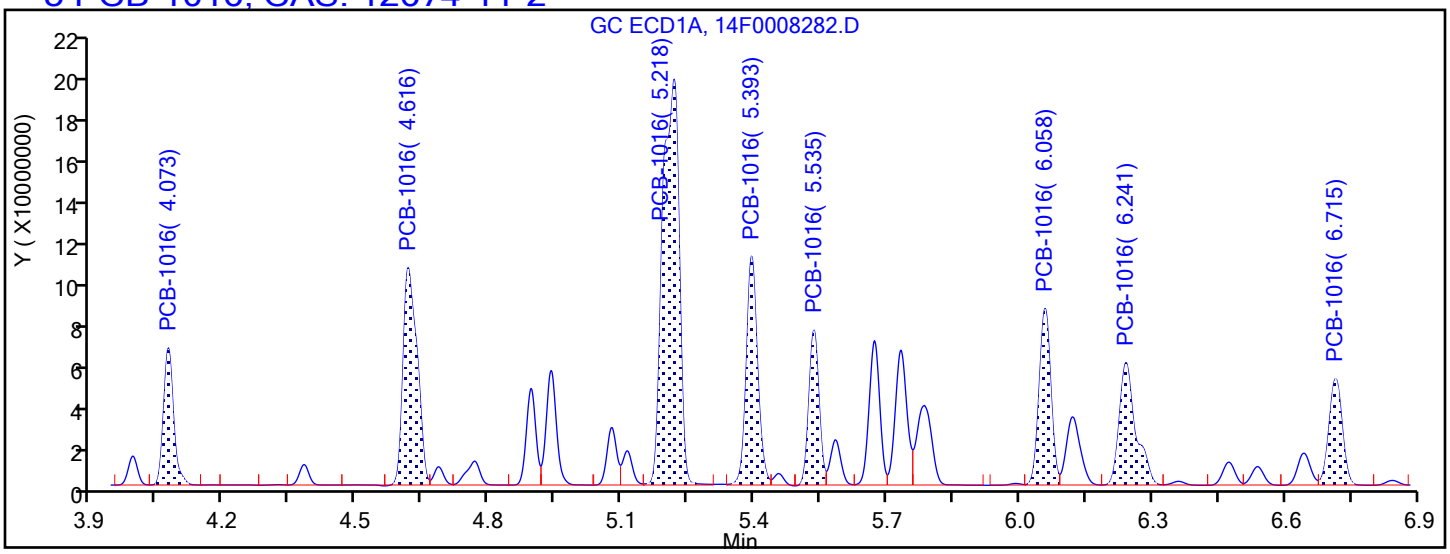
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

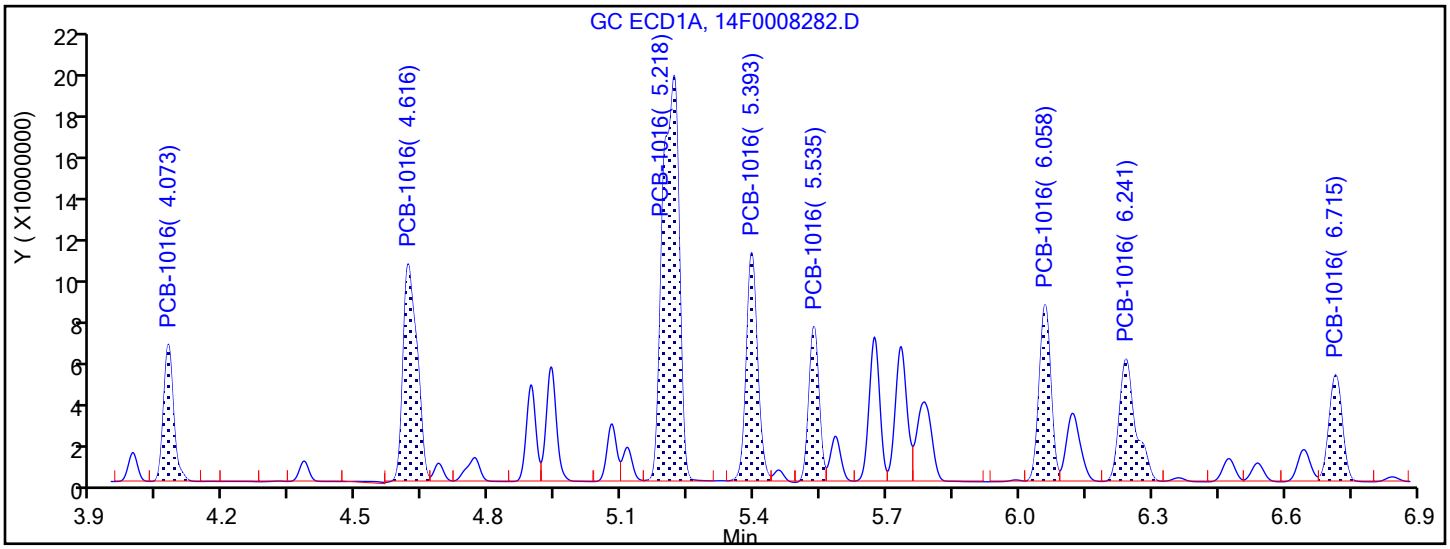
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.073 | Response = 104234056 |
| 4.616 | Response = 224802702 |
| 5.218 | Response = 488289180 |
| 5.393 | Response = 189002797 |
| 5.535 | Response = 116553933 |
| 6.058 | Response = 152281252 |
| 6.241 | Response = 148268380 |
| 6.715 | Response = 104621266 |




Manual Integration Results

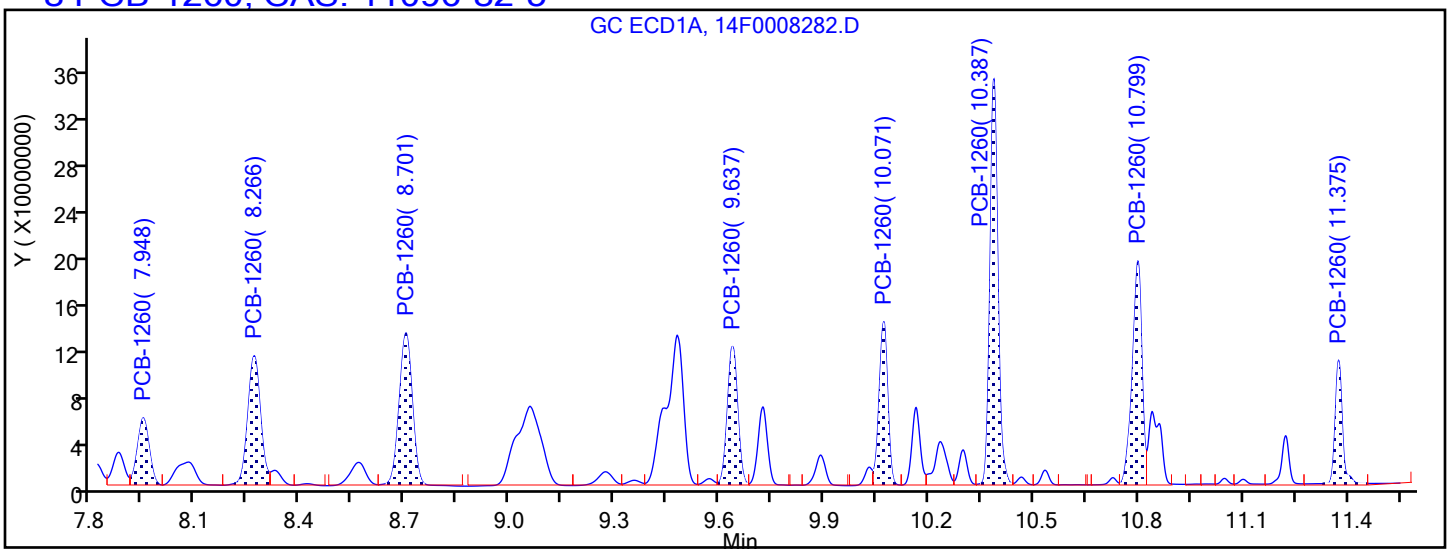
| | | |
|---|---|---|
| 4.073 | Response = 101432657 | M |
| 4.616 | Response = 225323523 | M |
| 5.218 | Response = 495813052 | M |
| 5.393 | Response = 191760663 | M |
| 5.535 | Response = 117142458 | M |
| 6.058 | Response = 153720296 | M |

Report Date: 23-Oct-2024 14:02:04 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

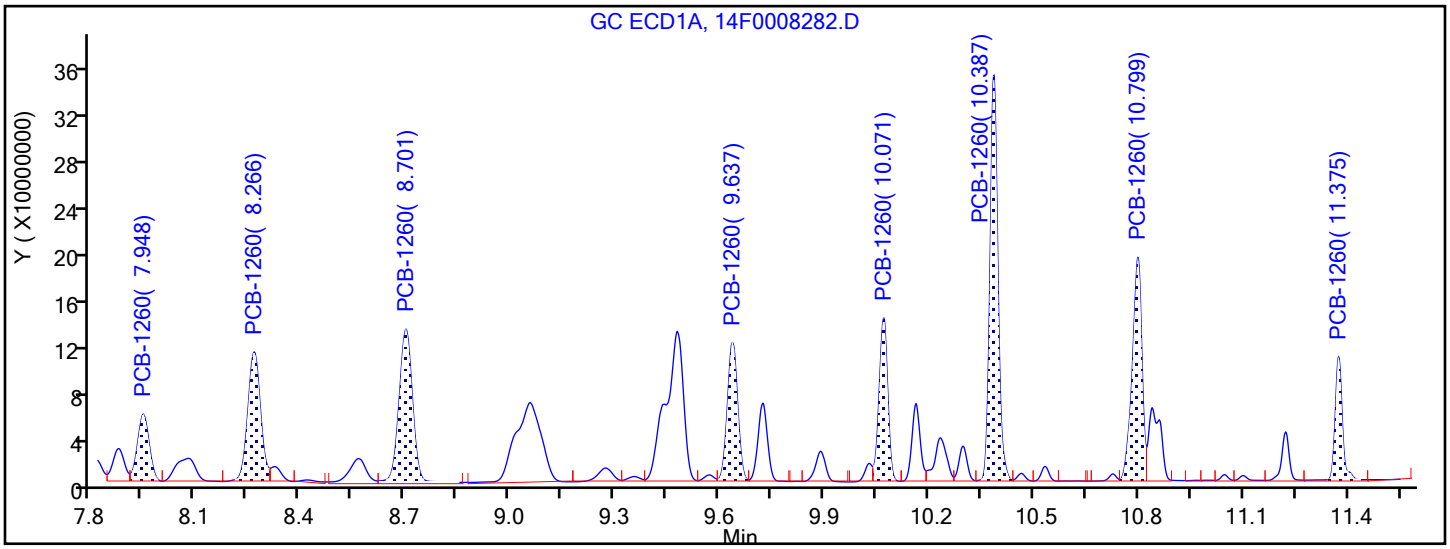
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.948 | Response = 135263232 |
| 8.266 | Response = 283113201 |
| 8.701 | Response = 339056559 |
| 9.637 | Response = 238929490 |
| 10.071 | Response = 239254972 |
| 10.387 | Response = 545740843 |
| 10.799 | Response = 363735344 |
| 11.375 | Response = 148990152 |




Manual Integration Results

| | | |
|---|---|---|
| 7.948 | Response = 139778714 | M |
| 8.266 | Response = 288579463 | M |
| 8.701 | Response = 347620092 | M |
| 9.637 | Response = 247928123 | M |
| 10.071 | Response = 240648219 | M |
| 10.387 | Response = 549724554 | M |

Manual Integration/User Assign Peak Report

Eurofins Edison

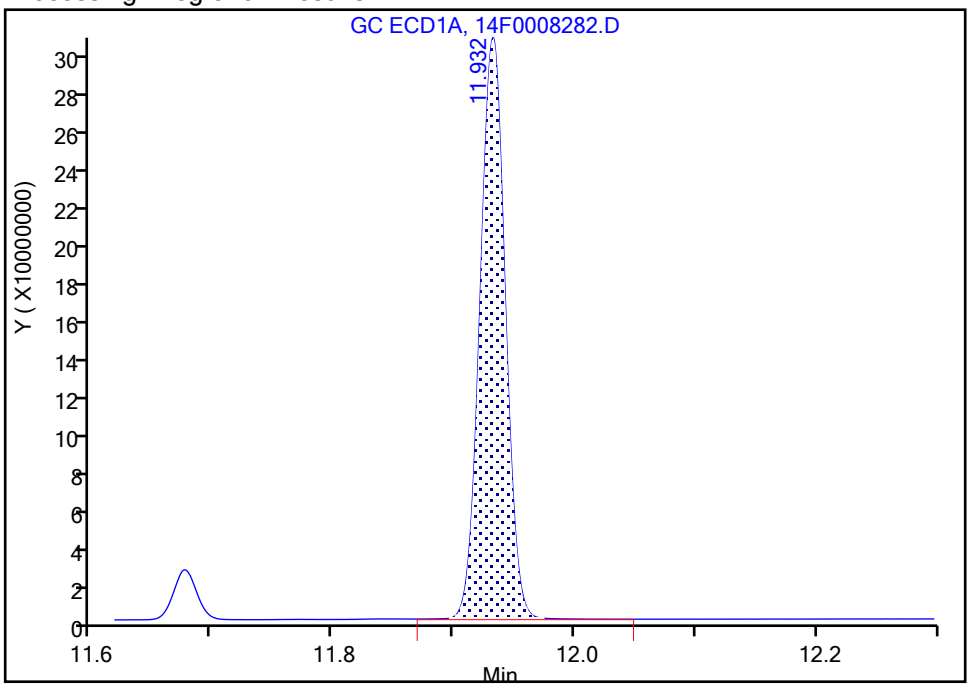
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## $ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

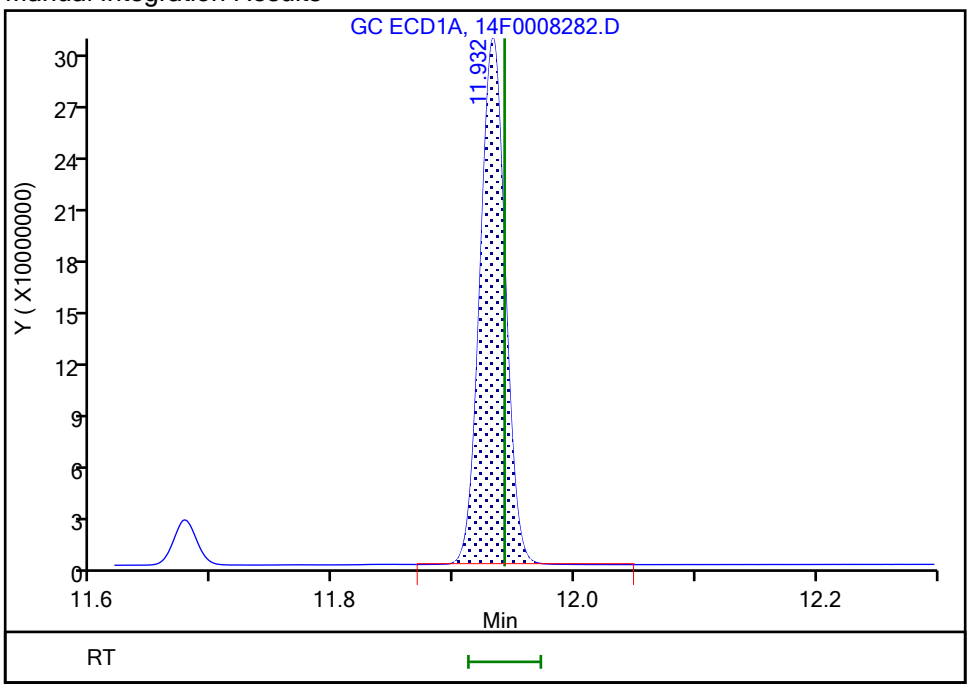
Processing Integration Results

RT: 11.93
Area: 441291269
Amount: 159.6702
Amount Units: ug/l




Manual Integration Results

RT: 11.93
Area: 436396090
Amount: 159.7321
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 11:18:03 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Oct-2024 11:10:06 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-006
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:15 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:49:19

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.293 | 0.001 | 83406584 | 20.0 | 20.0 | |
| 2 | 1.962 | 1.964 | -0.002 | 187062629 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.400 | 3.398 | 0.002 | 742605389 | 200.0 | 187.1 | |
| 2 | 2.737 | 2.738 | -0.001 | 1989911665 | 200.0 | 193.6 | |
| | | | | | | RPD = 3.45 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.075 | 4.073 | 0.002 | 153450104 | 2500.0 | 2215.3 | |
| 1 | 4.618 | 4.616 | 0.002 | 343667962 | 2500.0 | 2286.5 | M |
| 1 | 5.221 | 5.219 | 0.002 | 754076677 | 2500.0 | 2341.8 | M |
| 1 | 5.396 | 5.394 | 0.002 | 287250058 | 2500.0 | 2297.6 | M |
| 1 | 5.537 | 5.534 | 0.003 | 183769146 | 2500.0 | 2345.6 | M |
| 1 | 6.062 | 6.058 | 0.004 | 236587650 | 2500.0 | 2316.7 | M |
| 1 | 6.243 | 6.241 | 0.002 | 238497414 | 2500.0 | 2203.2 | M |
| 1 | 6.718 | 6.716 | 0.002 | 158181721 | 2500.0 | 2047.8 | M |
| | | Average of Peak Amounts = | | | | 2256.8 | |
| 2 | 3.158 | 3.161 | -0.003 | 347505140 | 2500.0 | 2154.3 | |
| 2 | 3.576 | 3.578 | -0.002 | 708150712 | 2500.0 | 2346.9 | M |
| 2 | 3.811 | 3.813 | -0.002 | 469397762 | 2500.0 | 2479.4 | M |
| 2 | 4.123 | 4.124 | -0.001 | 1747767180 | 2500.0 | 2468.0 | M |
| 2 | 4.281 | 4.283 | -0.002 | 682804591 | 2500.0 | 2395.5 | M |
| 2 | 4.355 | 4.356 | -0.001 | 419202682 | 2500.0 | 2420.5 | M |
| 2 | 4.778 | 4.781 | -0.003 | 679304407 | 2500.0 | 2411.7 | M |
| 2 | 5.243 | 5.244 | -0.001 | 289837865 | 2500.0 | 2158.8 | M |
| | | Average of Peak Amounts = | | | | 2354.4 | |
| | | | | | | RPD = 4.23 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.951 | 7.947 | 0.004 | 208819304 | 2500.0 | 2188.9 | M |
| 1 | 8.270 | 8.263 | 0.007 | 433654439 | 2500.0 | 2129.6 | M |
| 1 | 8.704 | 8.698 | 0.006 | 528080758 | 2500.0 | 2189.1 | M |
| 1 | 9.642 | 9.636 | 0.006 | 371027392 | 2500.0 | 2327.7 | M |
| 1 | 10.076 | 10.070 | 0.006 | 369147932 | 2500.0 | 2337.9 | M |
| 1 | 10.395 | 10.389 | 0.006 | 855462459 | 2500.0 | 2426.2 | M |
| 1 | 10.811 | 10.803 | 0.008 | 567425724 | 2500.0 | 2430.1 | |
| 1 | 11.392 | 11.383 | 0.009 | 231472553 | 2500.0 | 2584.9 | |
| | | Average of Peak Amounts = | | | | 2326.8 | |
| 2 | 6.357 | 6.357 | 0.000 | 956957925 | 2500.0 | 2310.4 | M |
| 2 | 6.779 | 6.776 | 0.003 | 1550469984 | 2500.0 | 2300.6 | M |
| 2 | 7.436 | 7.433 | 0.003 | 974093594 | 2500.0 | 2391.5 | M |
| 2 | 7.870 | 7.866 | 0.004 | 1004282744 | 2500.0 | 2554.6 | M |
| 2 | 8.469 | 8.463 | 0.006 | 2427188452 | 2500.0 | 2442.0 | M |
| 2 | 9.037 | 9.033 | 0.004 | 1166660494 | 2500.0 | 2325.3 | M |
| 2 | 9.230 | 9.226 | 0.004 | 672499722 | 2500.0 | 2610.9 | M |
| 2 | 10.103 | 10.100 | 0.003 | 589305765 | 2500.0 | 2554.1 | M |
| | | Average of Peak Amounts = | | | | 2436.2 | |
| | | | | | | RPD = 4.59 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.951 | 11.942 | 0.009 | 530760988 | 200.0 | 193.1 | |
| 2 | 10.670 | 10.664 | 0.006 | 1395189867 | 200.0 | 193.2 | |
| | | | | | | RPD = 0.06 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 4583.6 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L5_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

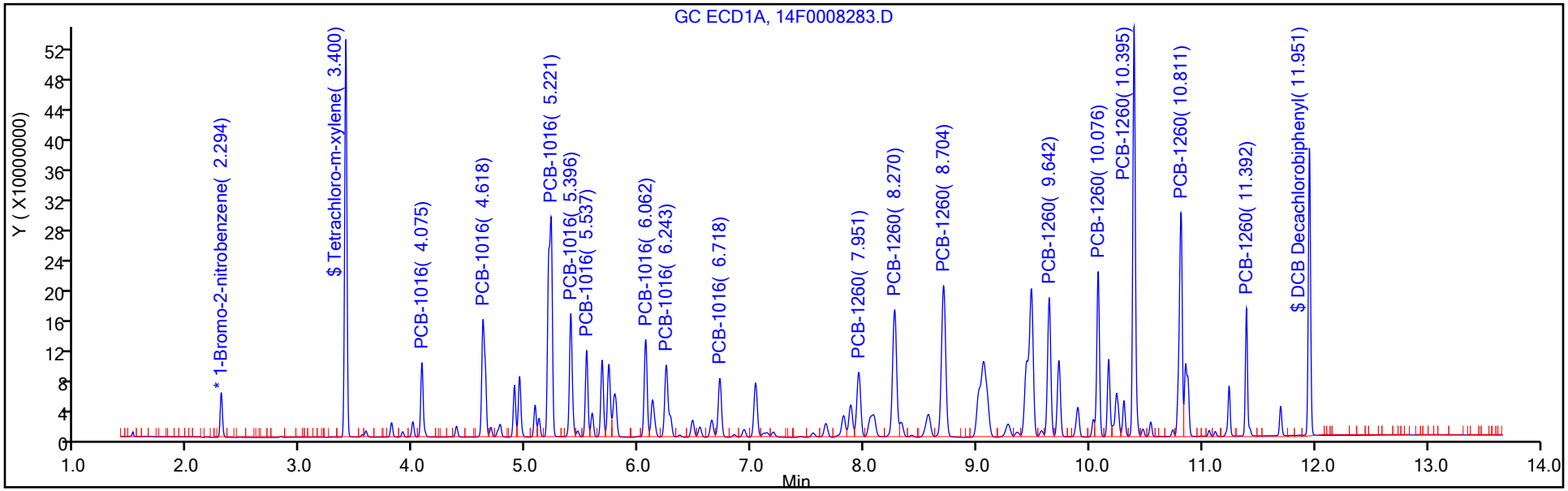
Report Date: 23-Oct-2024 14:02:15 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

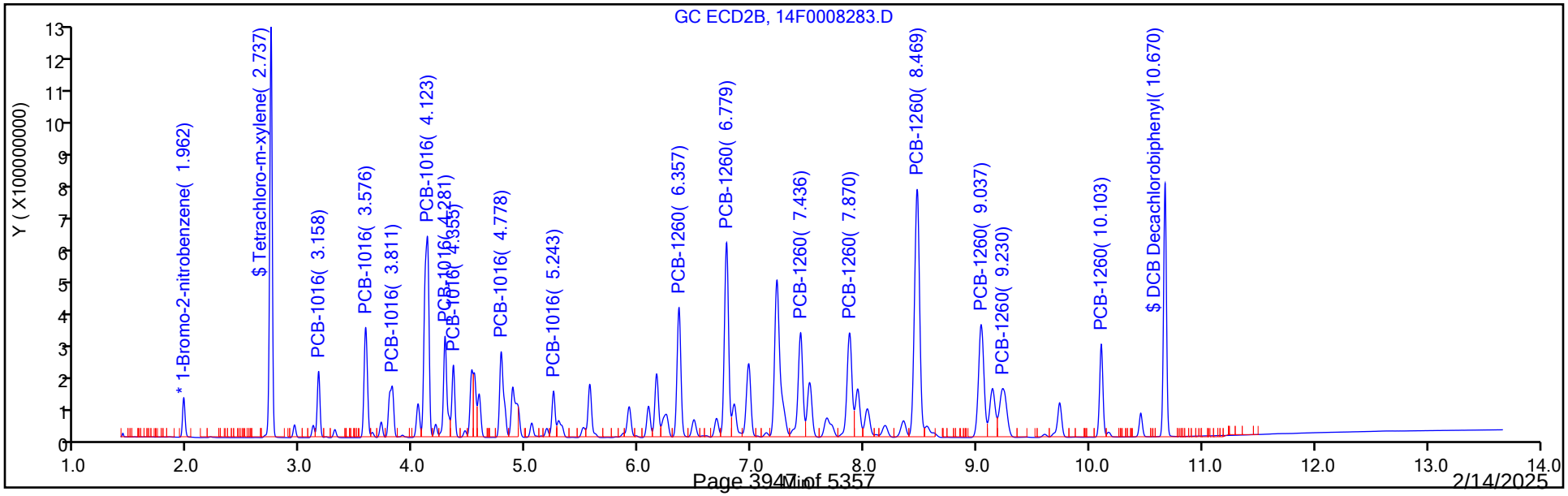
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 11:10:06 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 6 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 9 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





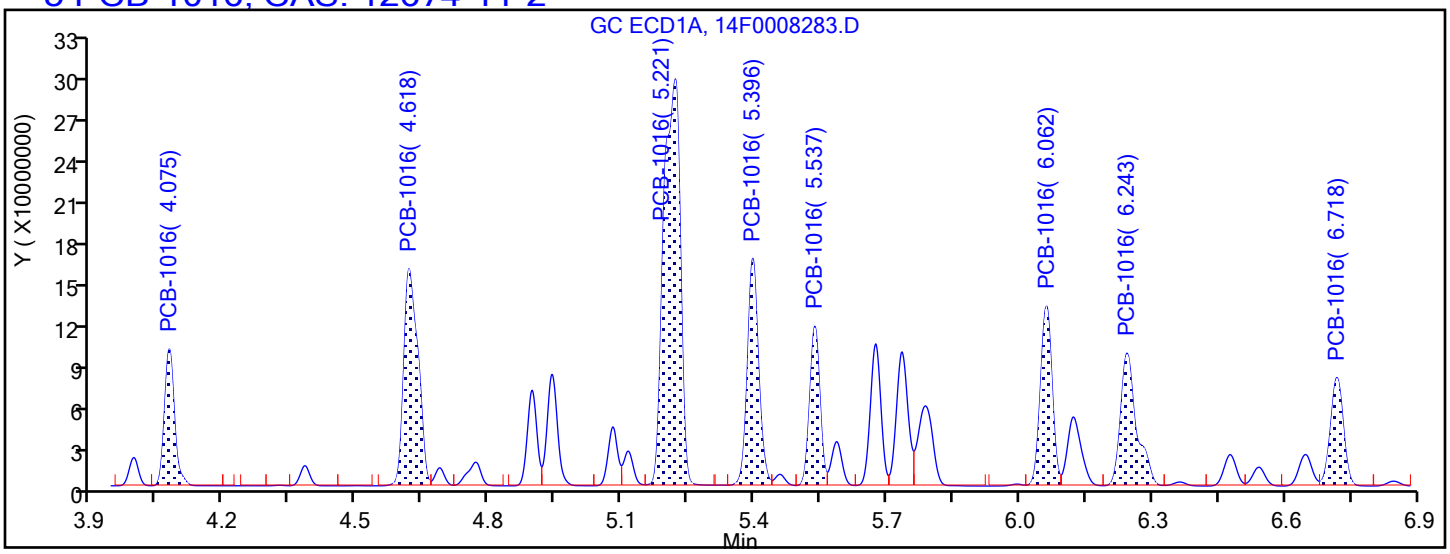

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:15 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

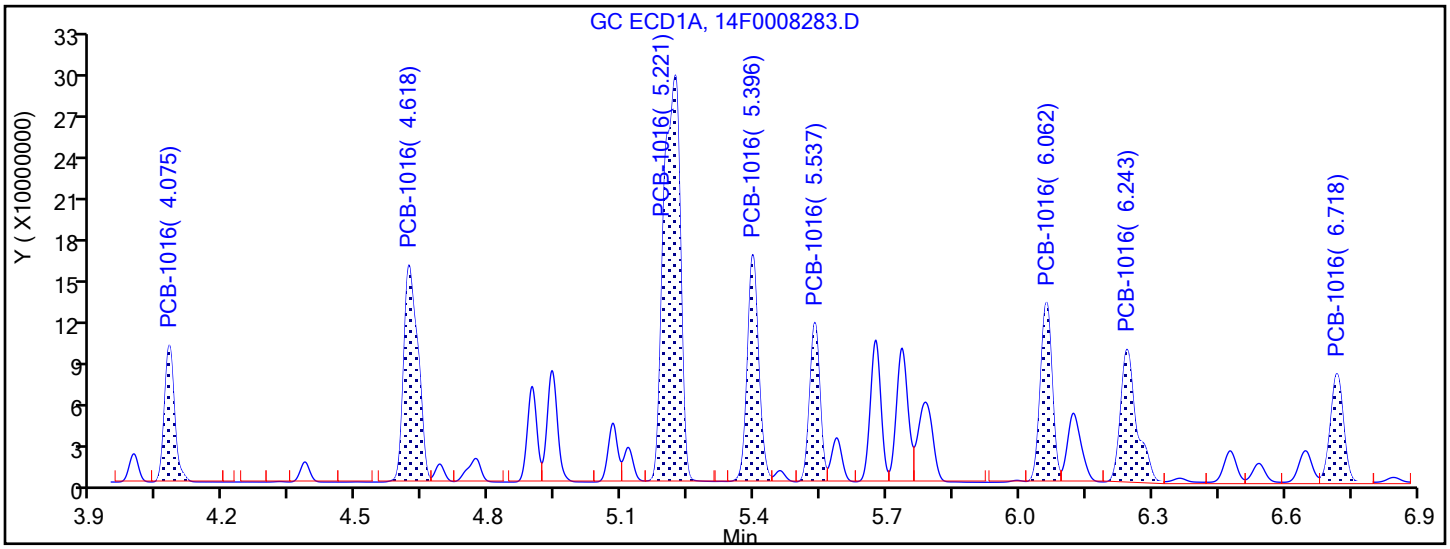
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.075 | Response = 153450104 |
| 4.618 | Response = 342418410 |
| 5.221 | Response = 747379940 |
| 5.396 | Response = 284397034 |
| 5.537 | Response = 182358739 |
| 6.062 | Response = 235931608 |
| 6.243 | Response = 236672348 |
| 6.718 | Response = 157454638 |




Manual Integration Results

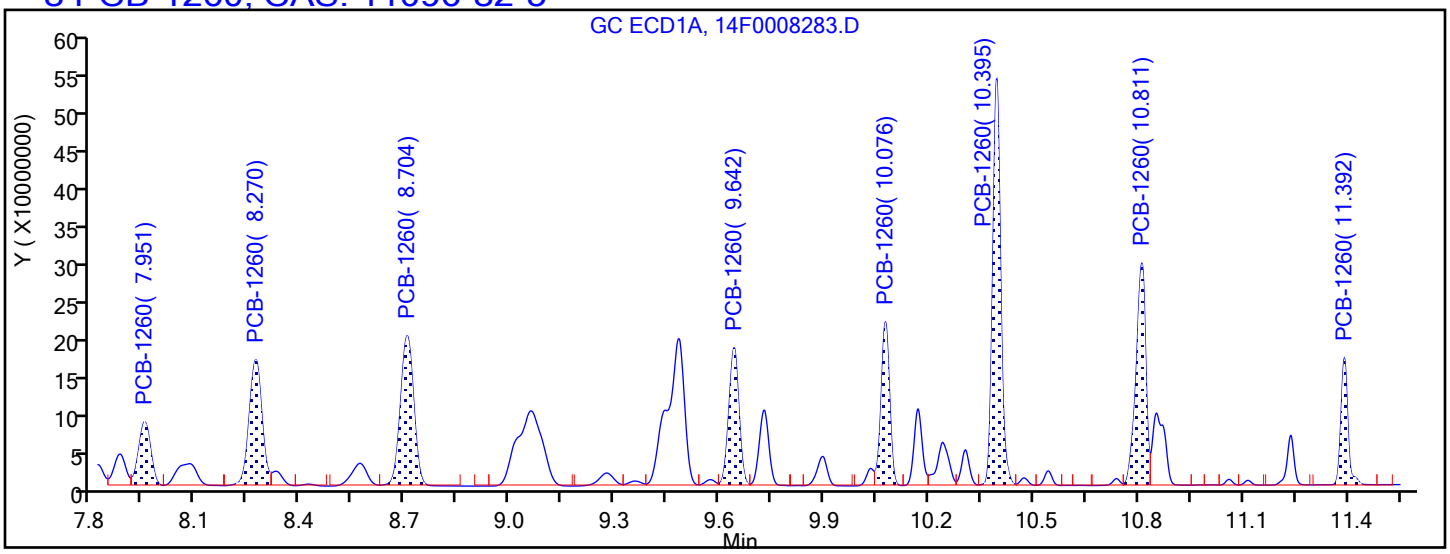
| | | |
|---|---|---|
| 4.075 | Response = 153450104 | |
| 4.618 | Response = 343667962 | M |
| 5.221 | Response = 754076677 | M |
| 5.396 | Response = 287250058 | M |
| 5.537 | Response = 183769146 | M |
| 6.062 | Response = 236587650 | M |

Report Date: 23-Oct-2024 14:02:15 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

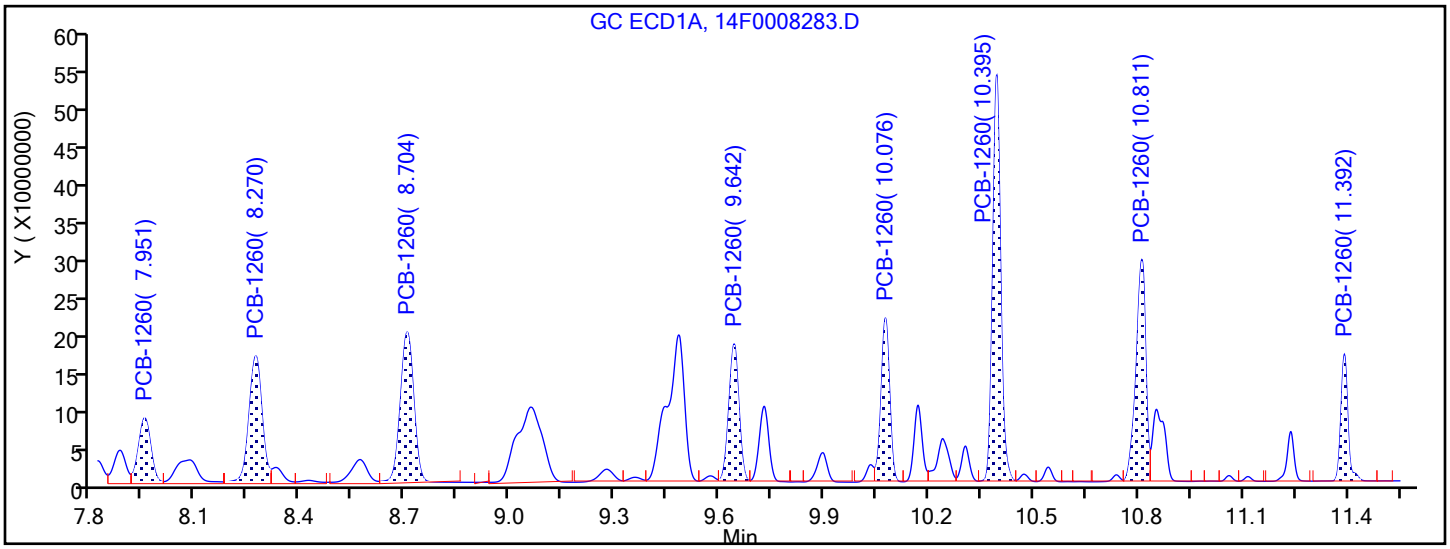
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.951 | Response = 204138257 |
| 8.270 | Response = 428935806 |
| 8.704 | Response = 519645685 |
| 9.642 | Response = 359513930 |
| 10.076 | Response = 367510521 |
| 10.395 | Response = 850259477 |
| 10.811 | Response = 567425724 |
| 11.392 | Response = 231472553 |




Manual Integration Results

| | | |
|---|---|---|
| 7.951 | Response = 208819304 | M |
| 8.270 | Response = 433654439 | M |
| 8.704 | Response = 528080758 | M |
| 9.642 | Response = 371027392 | M |
| 10.076 | Response = 369147932 | M |
| 10.395 | Response = 855462459 | M |

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

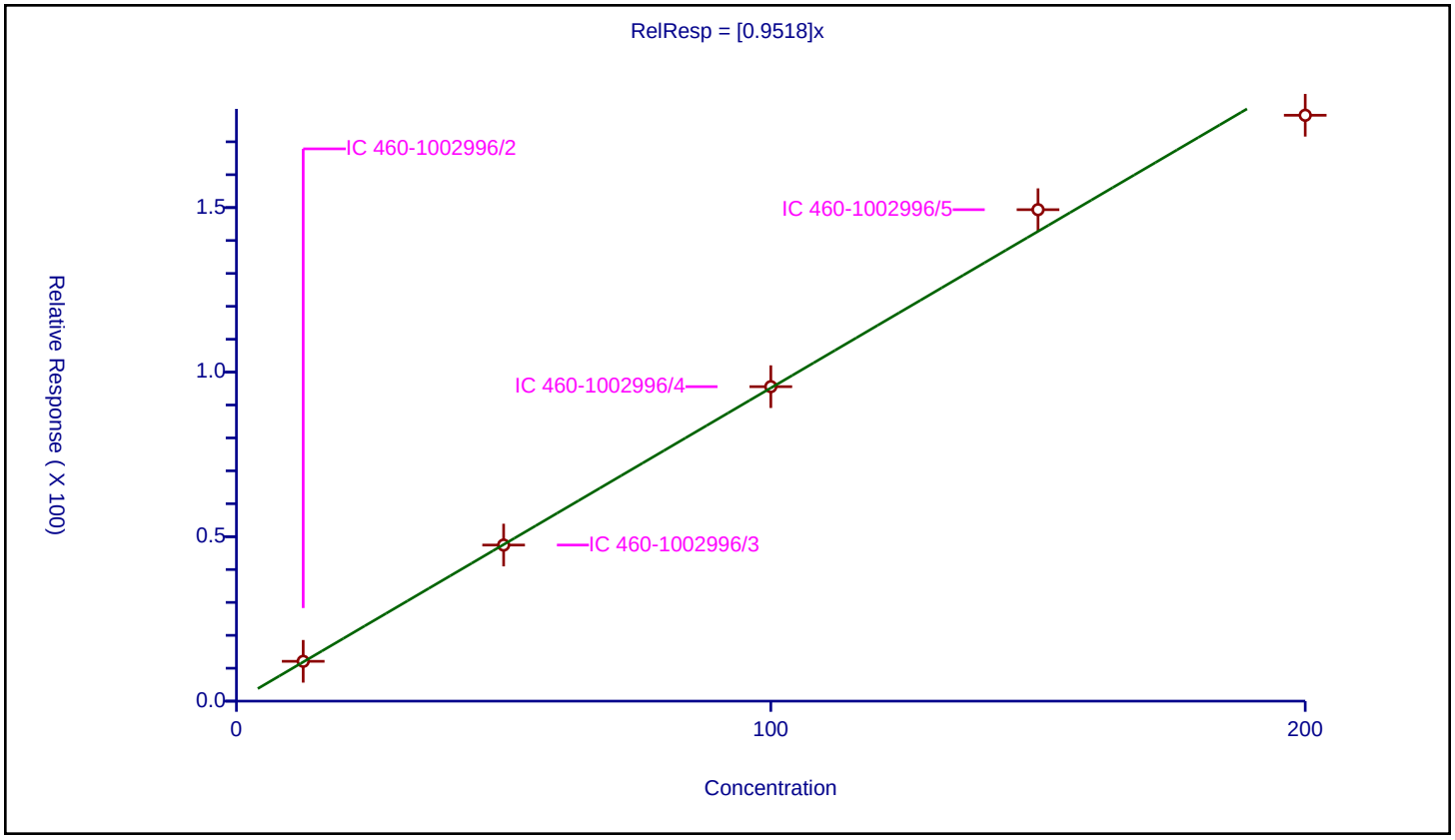
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9518 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 12.5 | 12.105537 | 20.0 | 84464683.0 | 0.968443 | Y |
| 2 | IC 460-1002996/3 | 50.0 | 47.43829 | 20.0 | 81787109.0 | 0.948766 | Y |
| 3 | IC 460-1002996/4 | 100.0 | 95.582805 | 20.0 | 78847451.0 | 0.955828 | Y |
| 4 | IC 460-1002996/5 | 150.0 | 149.365473 | 20.0 | 82904053.0 | 0.99577 | Y |
| 5 | IC 460-1002996/6 | 200.0 | 178.068769 | 20.0 | 83406584.0 | 0.890344 | Y |



## Calibration / PCB-1016 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

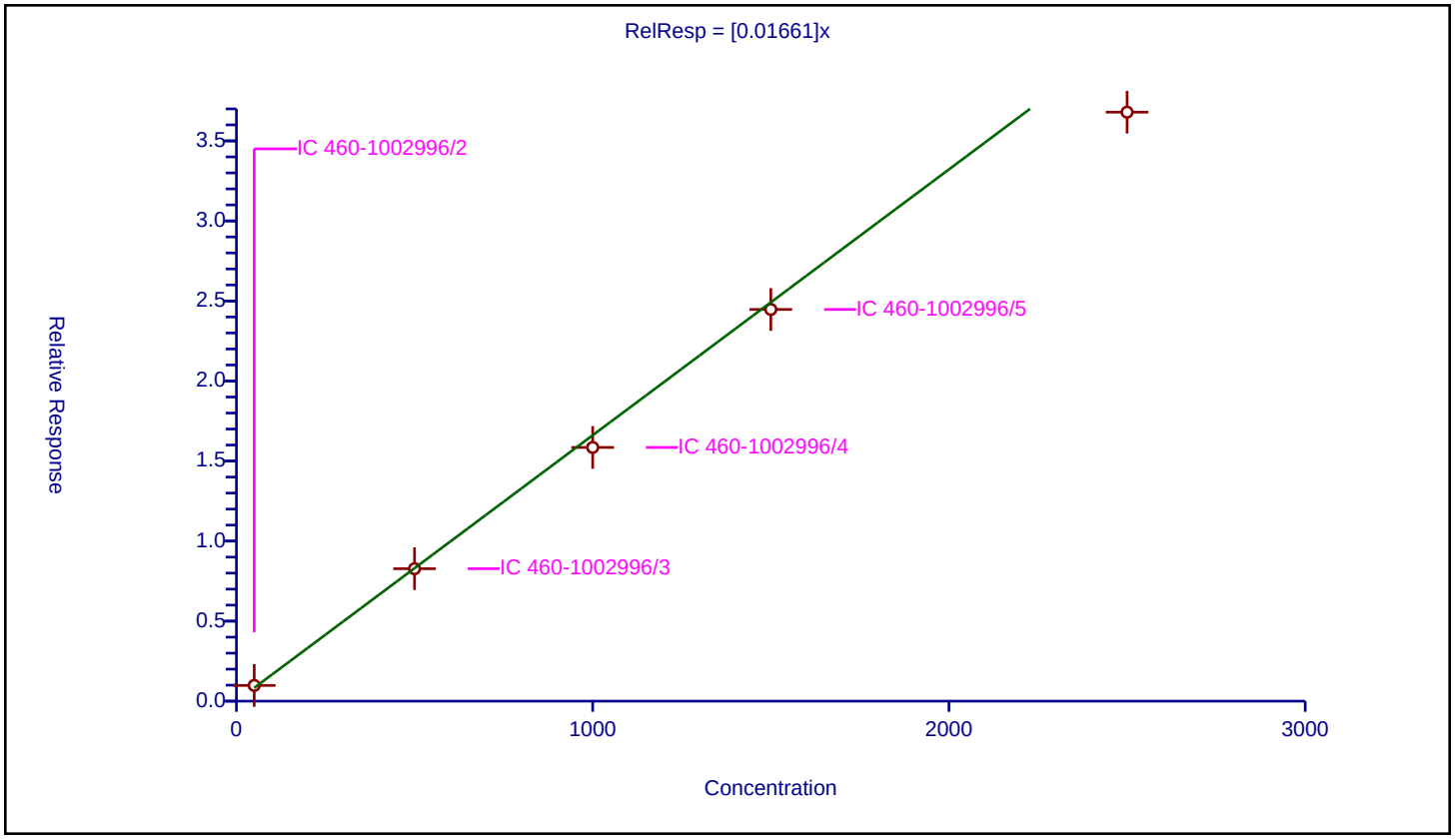
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01661 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 0.981054 | 20.0 | 84464683.0 | 0.019621 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 8.273792 | 20.0 | 81787109.0 | 0.016548 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 15.849615 | 20.0 | 78847451.0 | 0.01585 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 24.469891 | 20.0 | 82904053.0 | 0.016313 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 36.795681 | 20.0 | 83406584.0 | 0.014718 | Y |



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## Calibration / PCB-1016 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

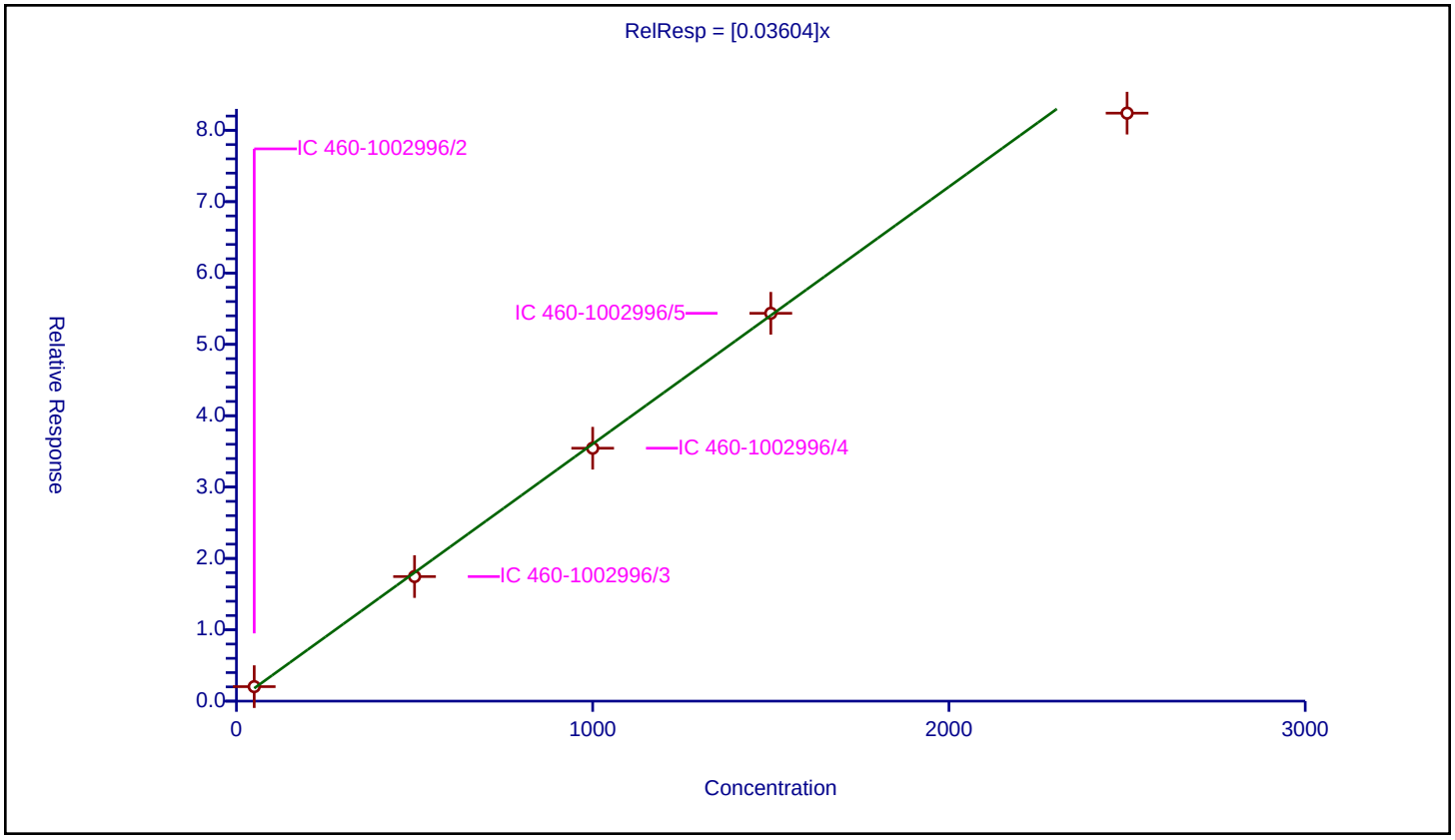
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03604 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.031934 | 20.0 | 84464683.0 | 0.040639 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 17.459776 | 20.0 | 81787109.0 | 0.03492 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 35.447827 | 20.0 | 78847451.0 | 0.035448 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 54.357662 | 20.0 | 82904053.0 | 0.036238 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 82.407874 | 20.0 | 83406584.0 | 0.032963 | Y |



## Calibration / PCB-1016 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

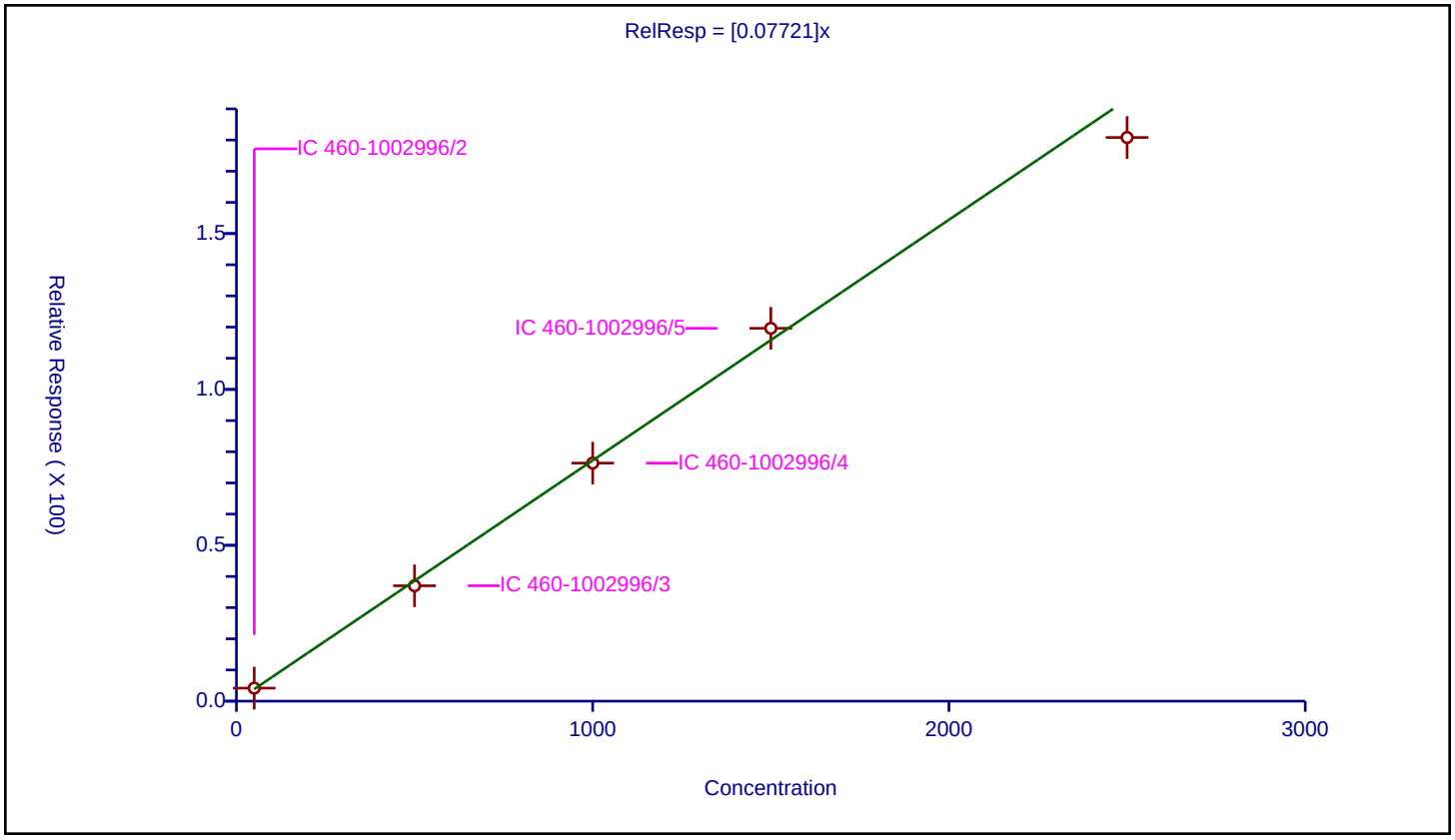
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07721 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 4.180454 | 20.0 | 84464683.0 | 0.083609 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 37.01299 | 20.0 | 81787109.0 | 0.074026 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 76.368139 | 20.0 | 78847451.0 | 0.076368 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 119.611294 | 20.0 | 82904053.0 | 0.079741 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 180.819461 | 20.0 | 83406584.0 | 0.072328 | Y |



## Calibration / PCB-1016 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

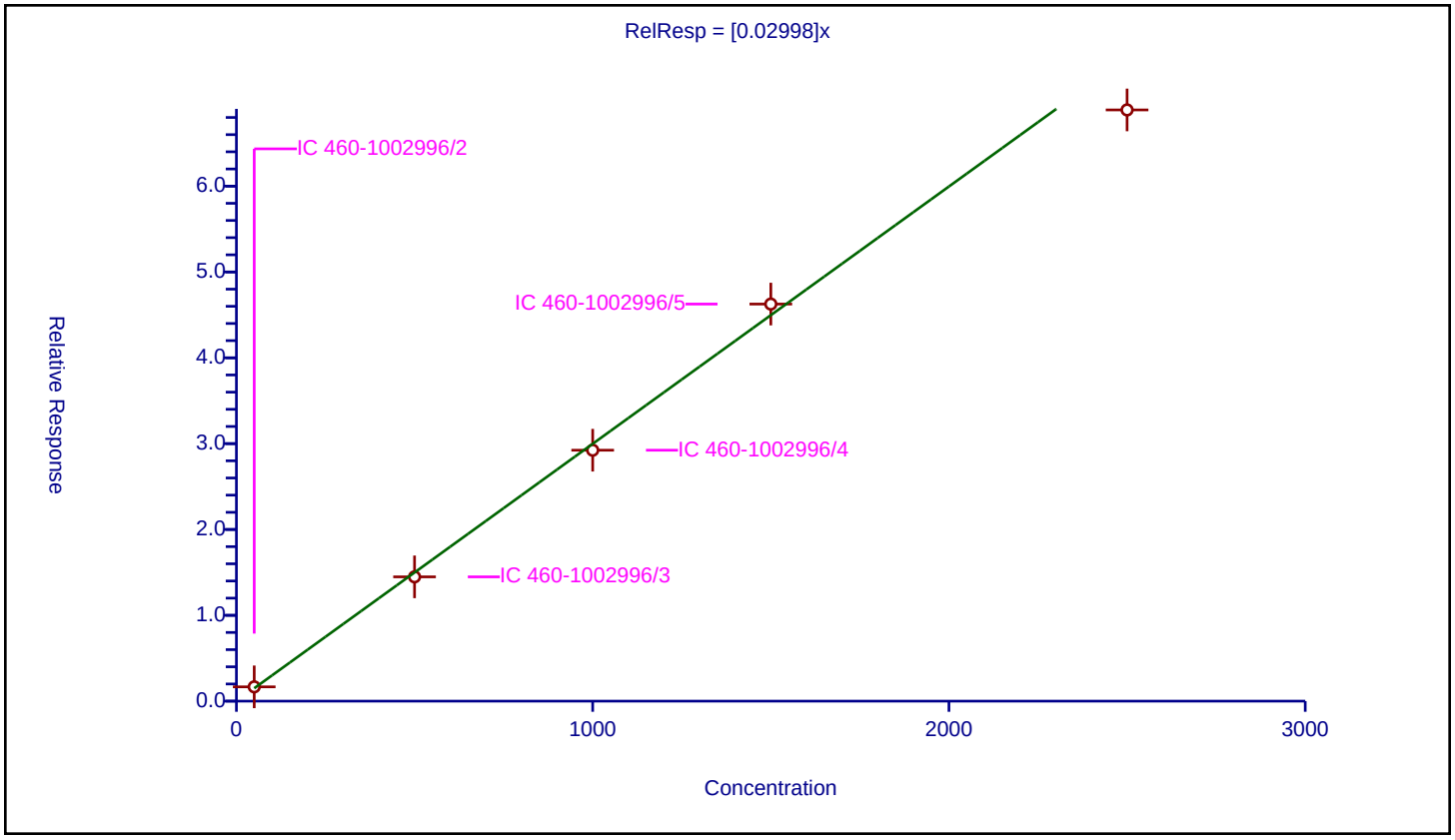
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02998 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.665171 | 20.0 | 84464683.0 | 0.033303 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 14.480613 | 20.0 | 81787109.0 | 0.028961 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 29.235619 | 20.0 | 78847451.0 | 0.029236 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 46.260866 | 20.0 | 82904053.0 | 0.030841 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 68.879468 | 20.0 | 83406584.0 | 0.027552 | Y |



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## Calibration / PCB-1016 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

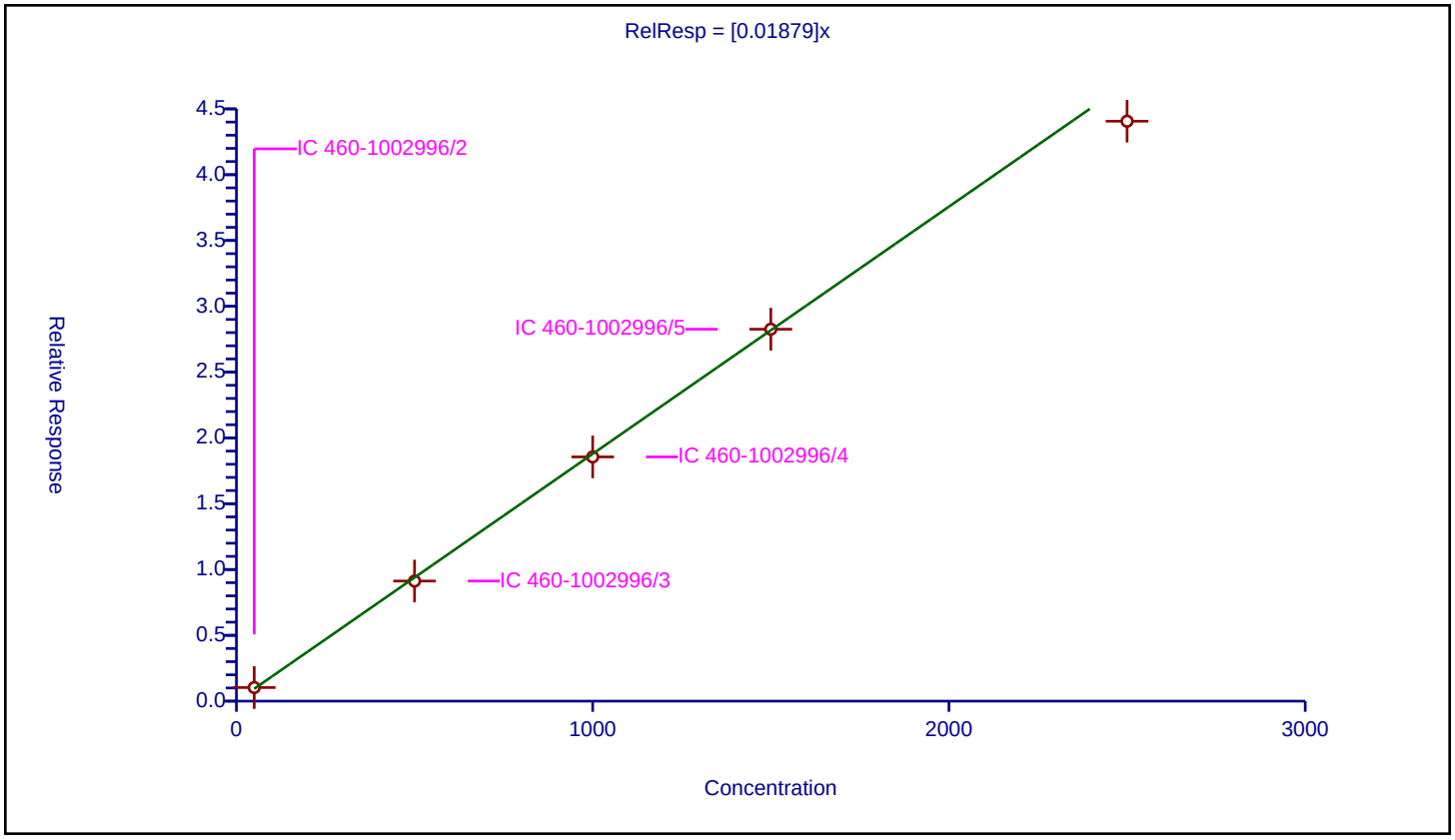
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01879 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.032877 | 20.0 | 84464683.0 | 0.020658 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 9.1267 | 20.0 | 81787109.0 | 0.018253 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 18.555504 | 20.0 | 78847451.0 | 0.018556 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 28.259766 | 20.0 | 82904053.0 | 0.01884 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 44.065861 | 20.0 | 83406584.0 | 0.017626 | Y |



## Calibration / PCB-1016 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

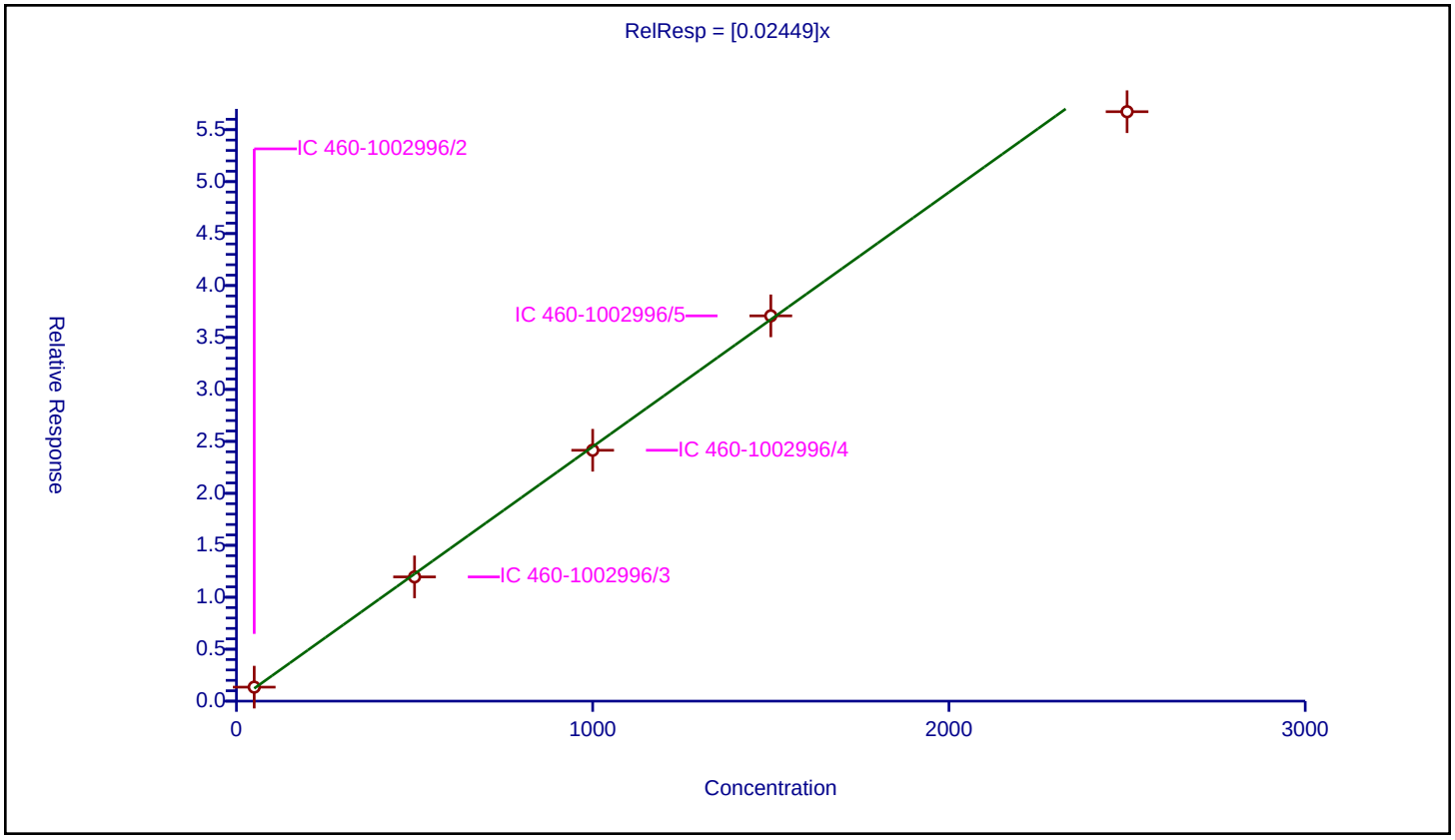
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02449 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.348244 | 20.0 | 84464683.0 | 0.026965 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 11.956984 | 20.0 | 81787109.0 | 0.023914 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 24.145242 | 20.0 | 78847451.0 | 0.024145 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 37.083904 | 20.0 | 82904053.0 | 0.024723 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 56.731169 | 20.0 | 83406584.0 | 0.022692 | Y |



## Calibration / PCB-1016 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

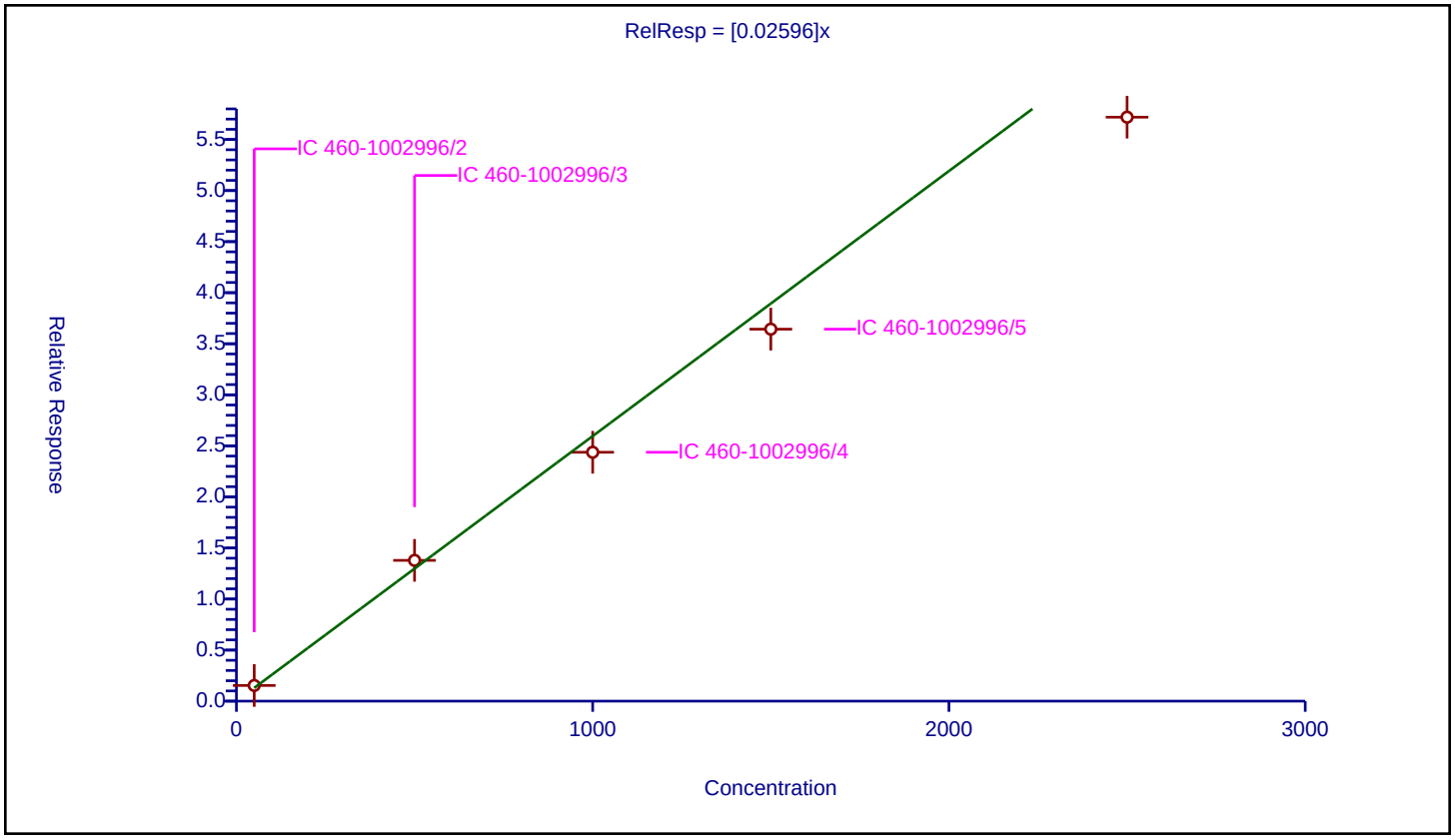
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02596 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.533925 | 20.0 | 84464683.0 | 0.030679 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 13.785081 | 20.0 | 81787109.0 | 0.02757 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 24.373634 | 20.0 | 78847451.0 | 0.024374 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 36.428667 | 20.0 | 82904053.0 | 0.024286 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 57.18911 | 20.0 | 83406584.0 | 0.022876 | Y |



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## Calibration / PCB-1016 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

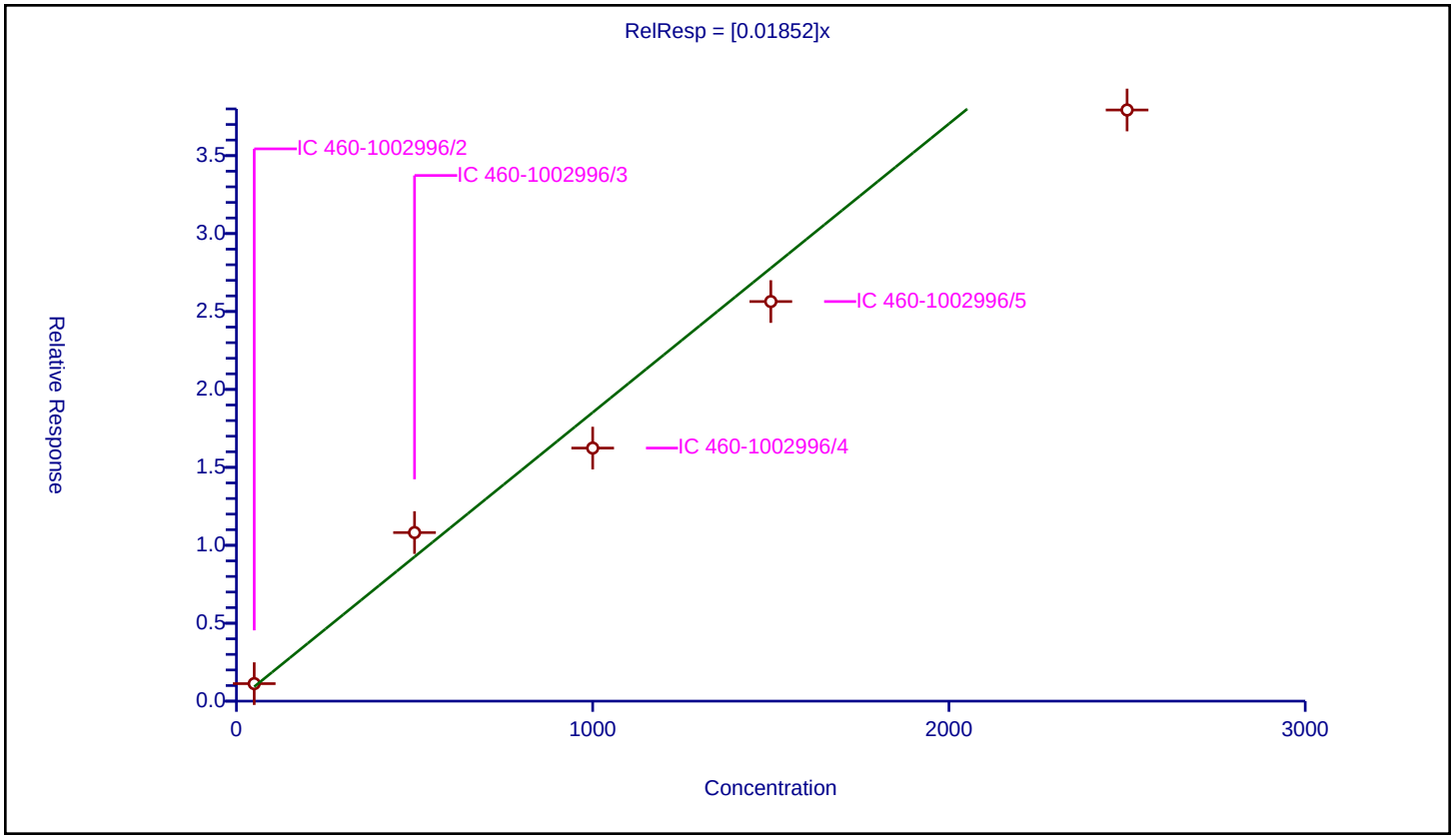
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01852 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.123806 | 20.0 | 84464683.0 | 0.022476 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 10.815736 | 20.0 | 81787109.0 | 0.021631 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 16.237911 | 20.0 | 78847451.0 | 0.016238 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 25.640269 | 20.0 | 82904053.0 | 0.017094 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 37.930272 | 20.0 | 83406584.0 | 0.015172 | Y |



## Calibration / PCB-1260 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

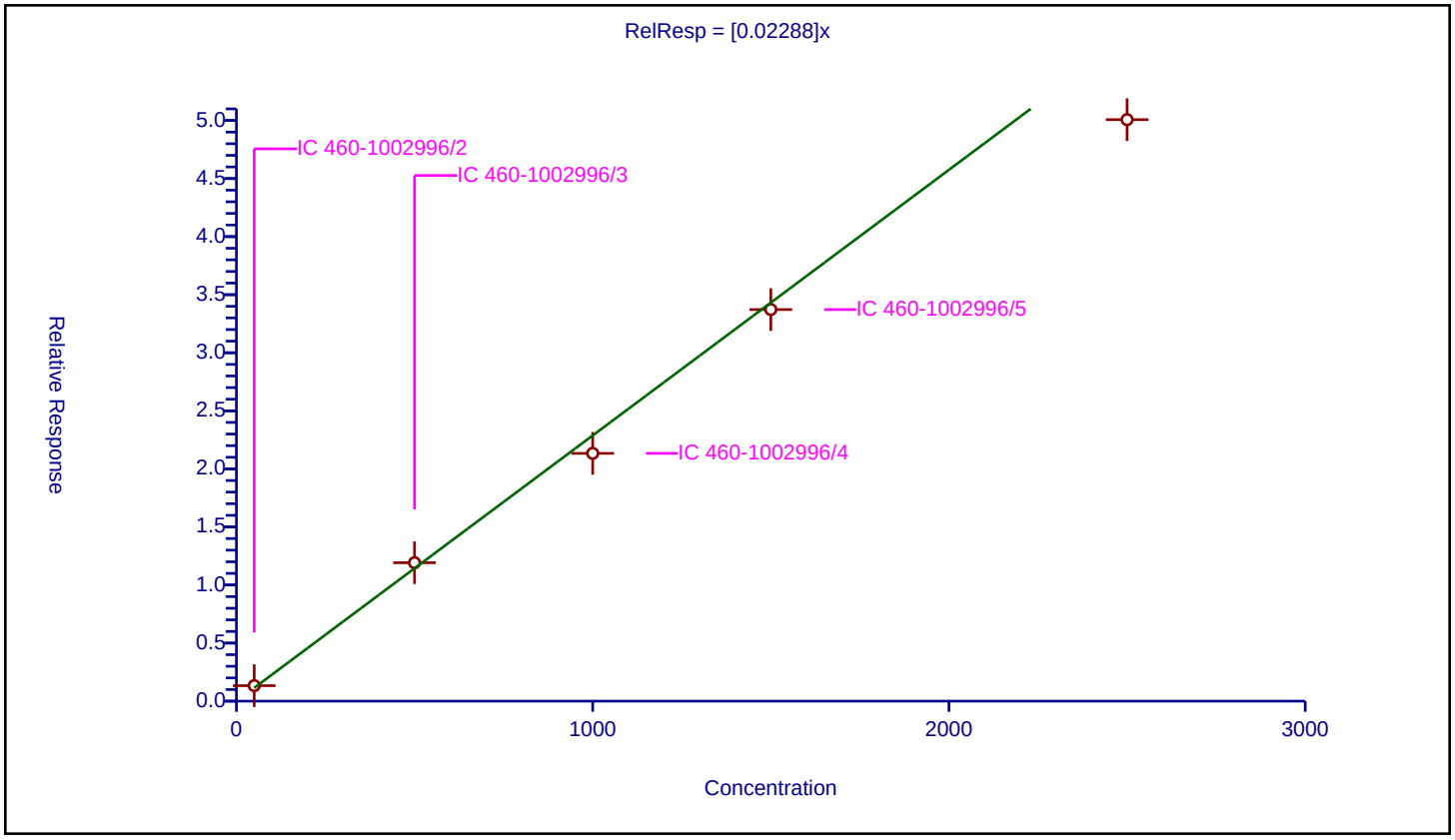
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02288 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.334597 | 20.0 | 84464683.0 | 0.026692 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 11.920741 | 20.0 | 81787109.0 | 0.023841 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 21.337372 | 20.0 | 78847451.0 | 0.021337 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 33.720598 | 20.0 | 82904053.0 | 0.02248 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 50.072619 | 20.0 | 83406584.0 | 0.020029 | Y |



## Calibration / PCB-1260 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

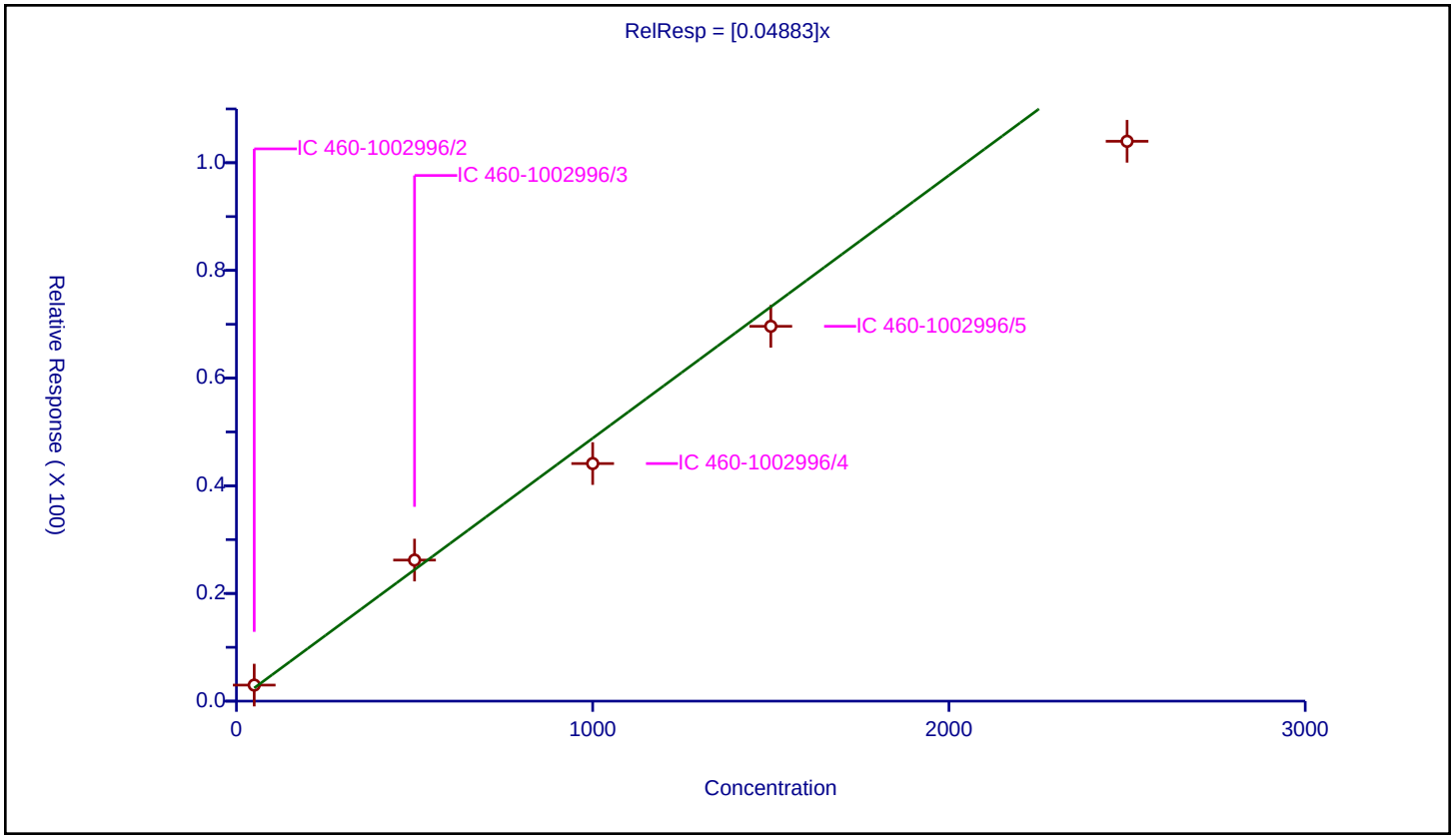
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04883 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.980216 | 20.0 | 84464683.0 | 0.059604 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 26.199897 | 20.0 | 81787109.0 | 0.0524 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 44.130035 | 20.0 | 78847451.0 | 0.04413 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 69.617697 | 20.0 | 82904053.0 | 0.046412 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 103.985661 | 20.0 | 83406584.0 | 0.041594 | Y |



## Calibration / PCB-1260 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

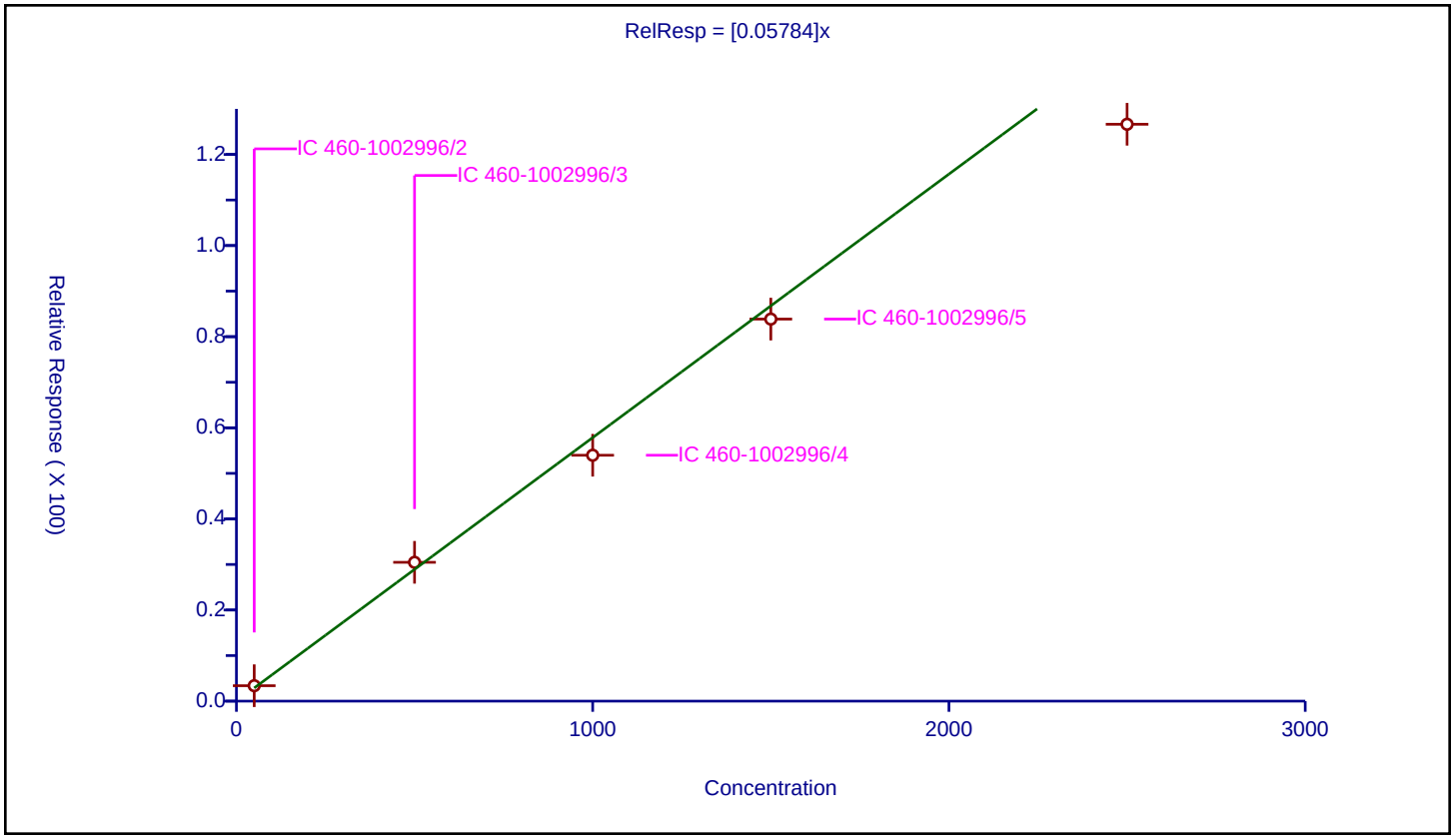
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05784 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 3.387033 | 20.0 | 84464683.0 | 0.067741 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 30.473146 | 20.0 | 81787109.0 | 0.060946 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 53.975311 | 20.0 | 78847451.0 | 0.053975 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 83.86082 | 20.0 | 82904053.0 | 0.055907 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 126.628075 | 20.0 | 83406584.0 | 0.050651 | Y |



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## Calibration / PCB-1260 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

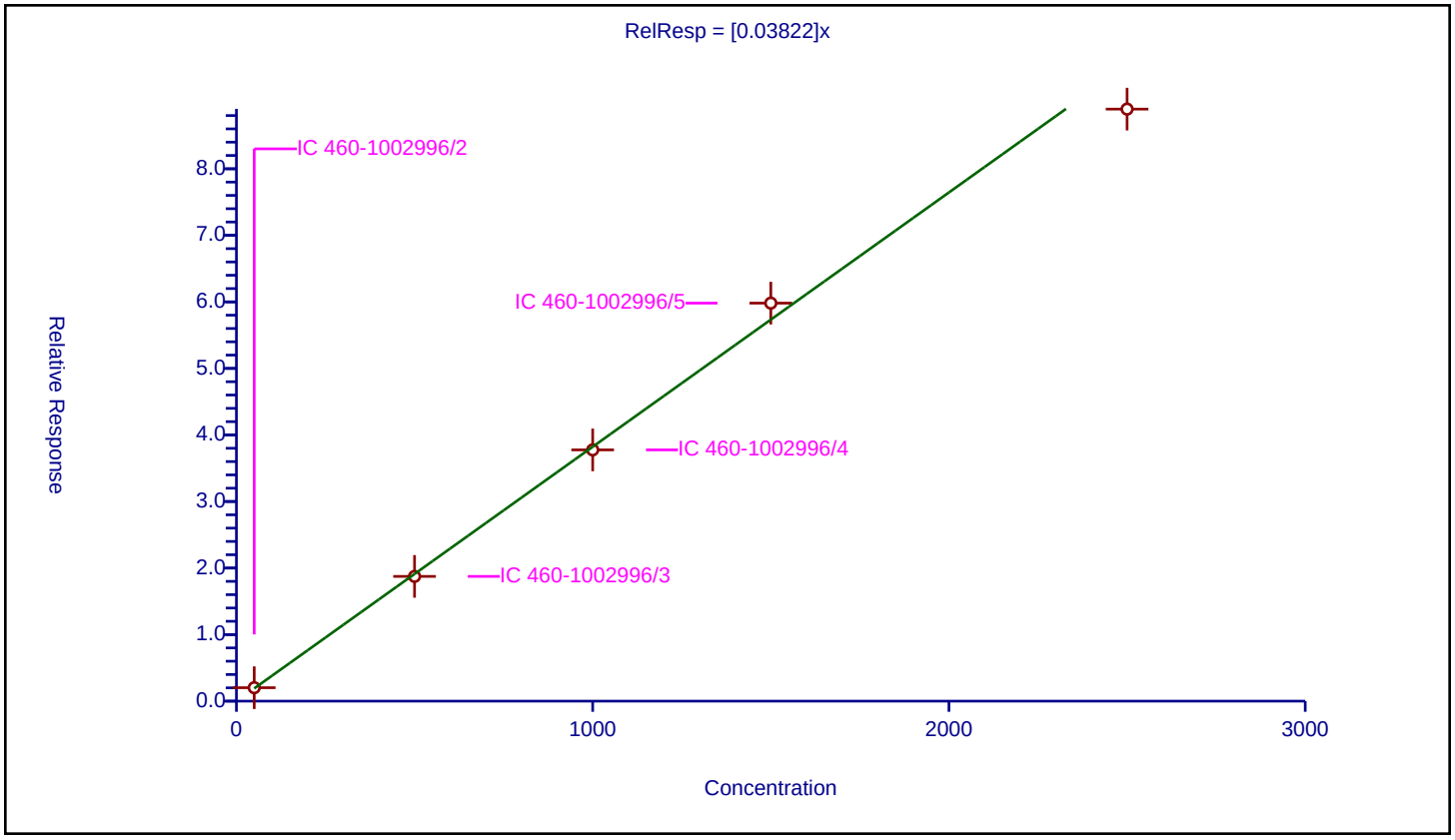
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03822 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.019947 | 20.0 | 84464683.0 | 0.040399 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 18.744965 | 20.0 | 81787109.0 | 0.03749 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 37.757081 | 20.0 | 78847451.0 | 0.037757 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 59.810857 | 20.0 | 82904053.0 | 0.039874 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 88.96837 | 20.0 | 83406584.0 | 0.035587 | Y |



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## Calibration / PCB-1260 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

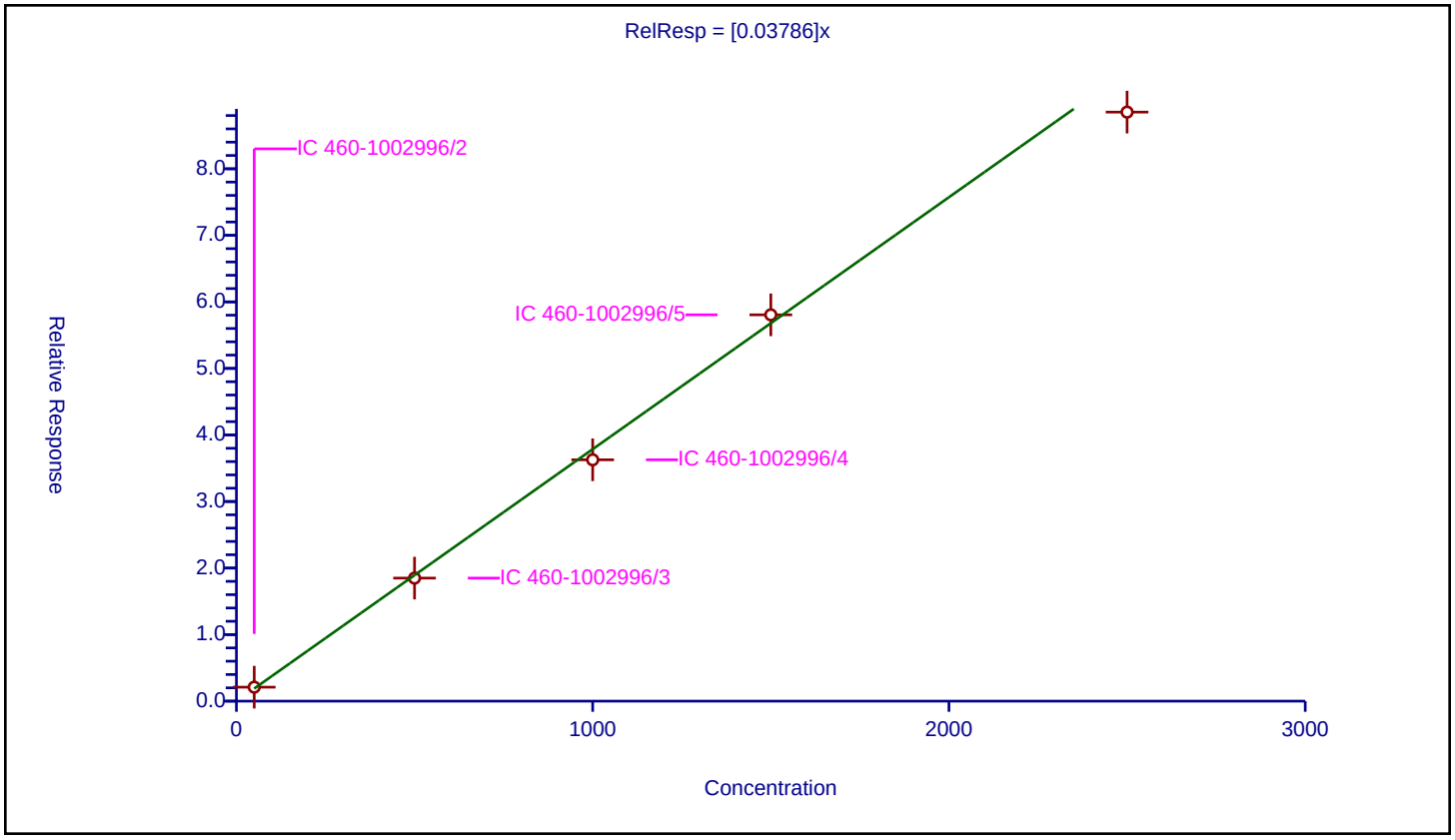
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03786 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.097603 | 20.0 | 84464683.0 | 0.041952 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 18.488379 | 20.0 | 81787109.0 | 0.036977 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 36.269491 | 20.0 | 78847451.0 | 0.036269 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 58.054633 | 20.0 | 82904053.0 | 0.038703 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 88.517696 | 20.0 | 83406584.0 | 0.035407 | Y |



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## Calibration / PCB-1260 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

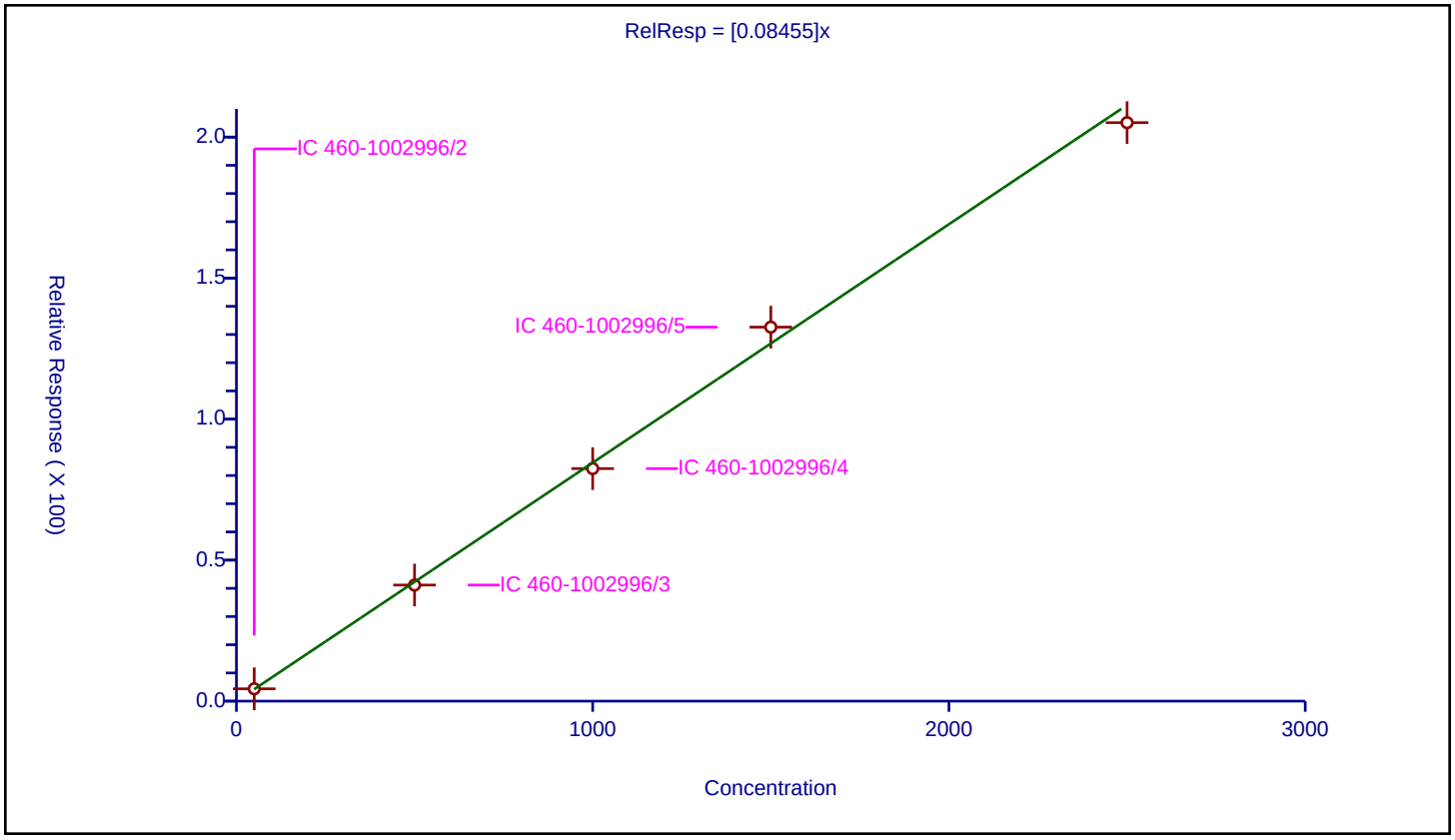
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08455 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 4.374676 | 20.0 | 84464683.0 | 0.087494 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 41.160912 | 20.0 | 81787109.0 | 0.082322 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 82.455114 | 20.0 | 78847451.0 | 0.082455 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 132.617052 | 20.0 | 82904053.0 | 0.088411 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 205.130679 | 20.0 | 83406584.0 | 0.082052 | Y |



## Calibration / PCB-1260 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

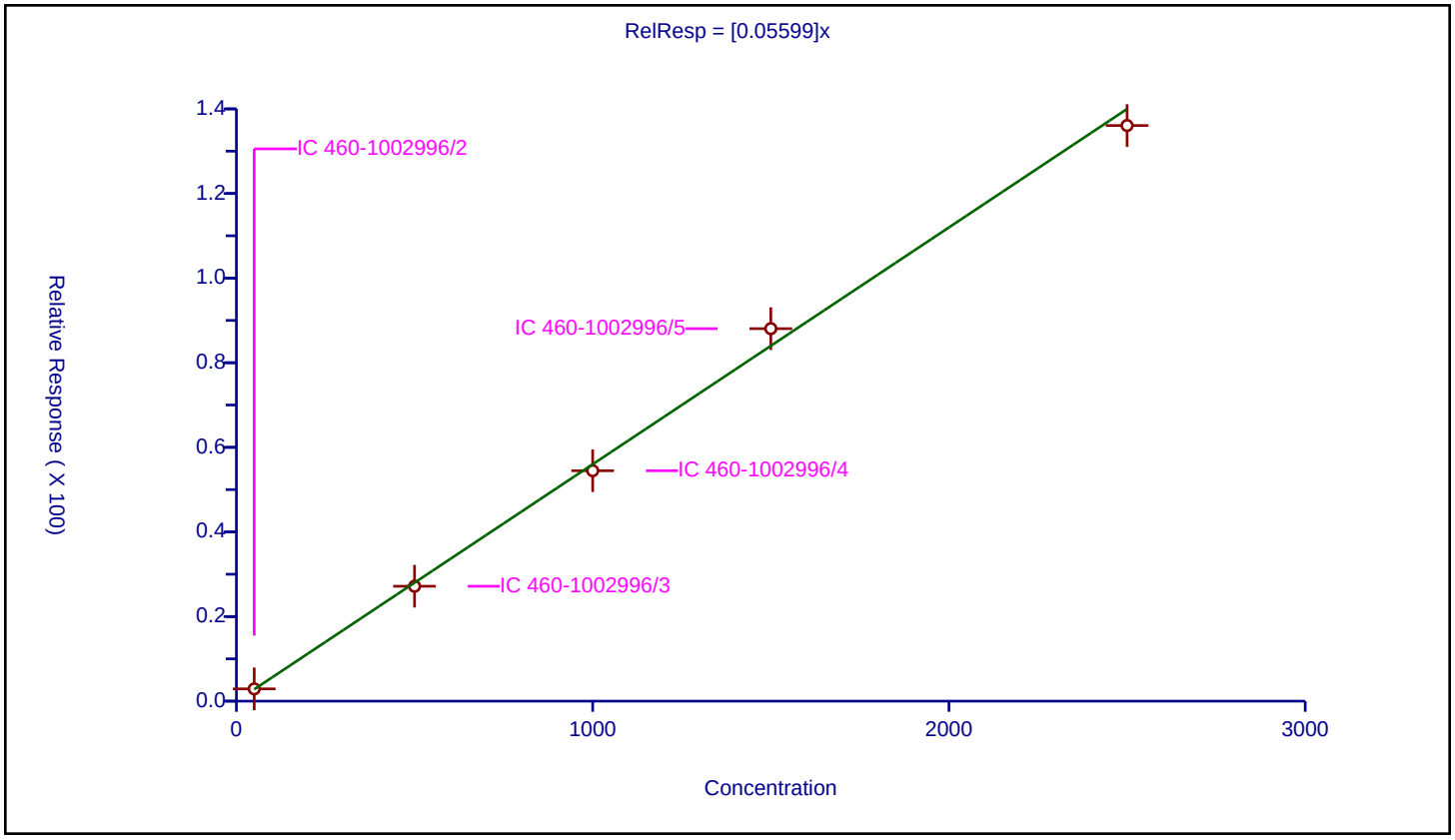
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05599 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.901715 | 20.0 | 84464683.0 | 0.058034 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 27.162844 | 20.0 | 81787109.0 | 0.054326 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 54.469602 | 20.0 | 78847451.0 | 0.05447 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 88.04941 | 20.0 | 82904053.0 | 0.0587 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 136.062574 | 20.0 | 83406584.0 | 0.054425 | Y |



## Calibration / PCB-1260 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

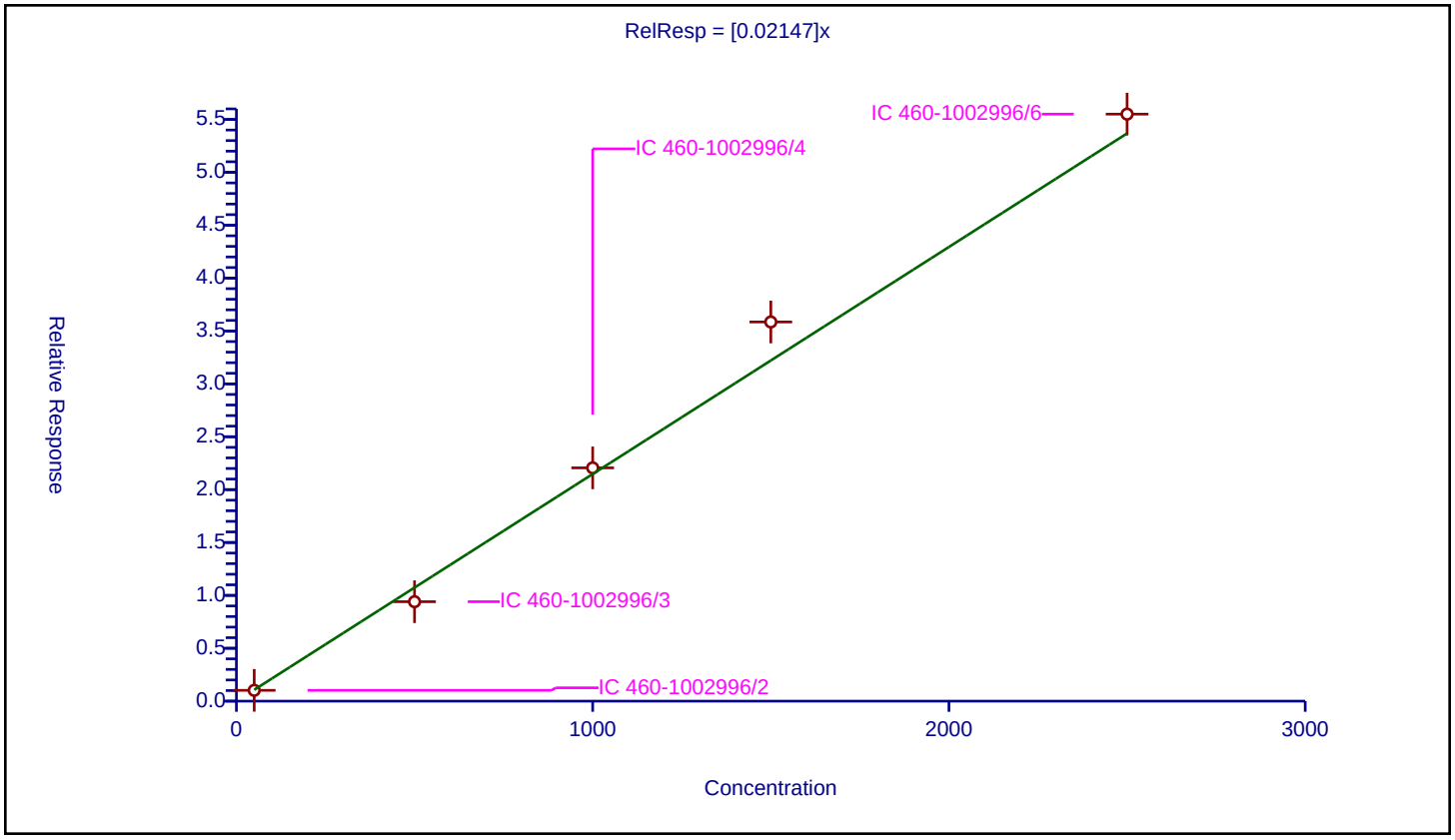
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02147 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.019966 | 20.0 | 84464683.0 | 0.020399 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 9.401447 | 20.0 | 81787109.0 | 0.018803 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 22.057069 | 20.0 | 78847451.0 | 0.022057 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 35.852739 | 20.0 | 82904053.0 | 0.023902 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 55.504624 | 20.0 | 83406584.0 | 0.022202 | Y |



## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

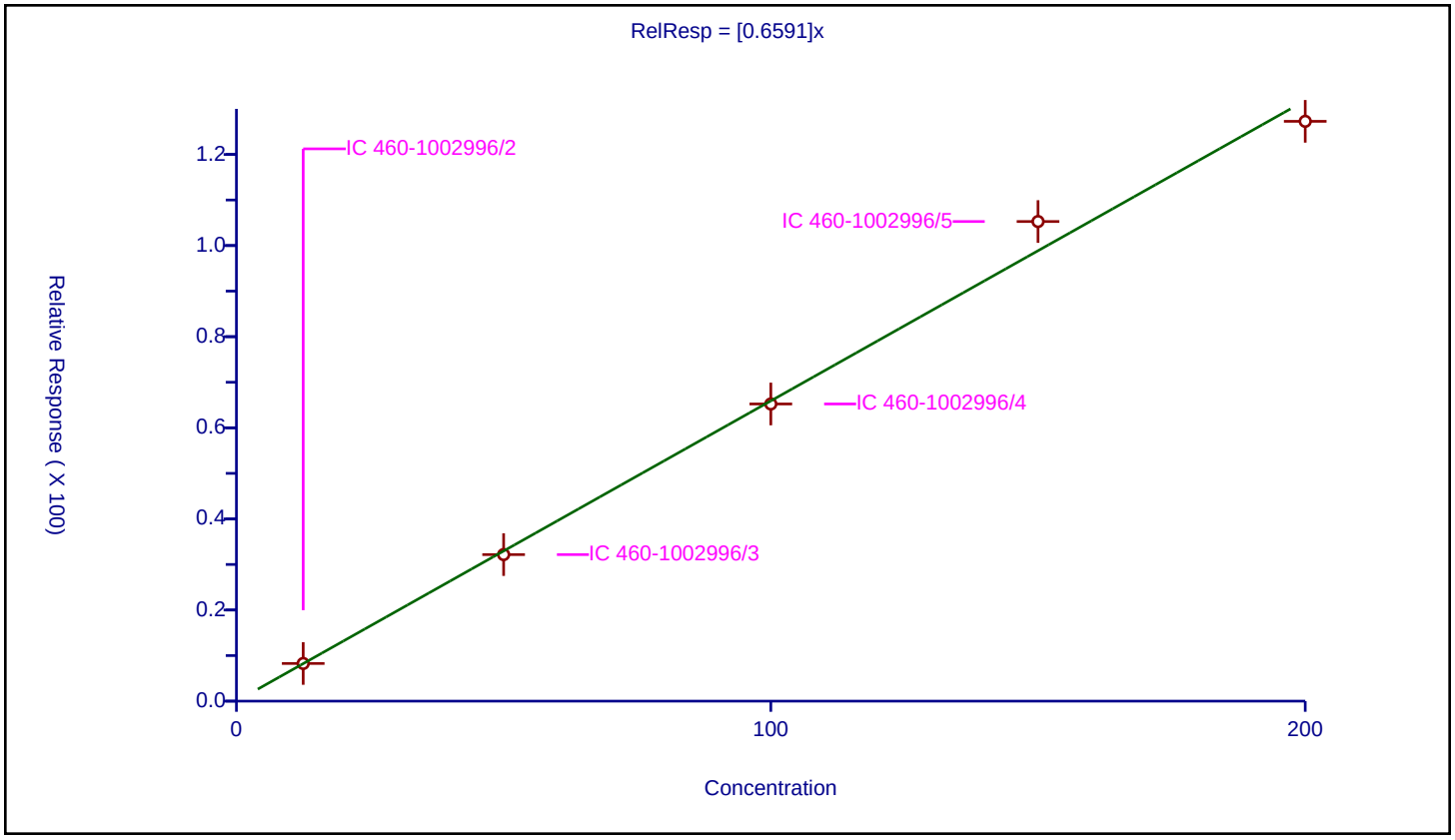
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6591 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 12.5 | 8.268684 | 20.0 | 84464683.0 | 0.661495 | Y |
| 2 | IC 460-1002996/3 | 50.0 | 32.171255 | 20.0 | 81787109.0 | 0.643425 | Y |
| 3 | IC 460-1002996/4 | 100.0 | 65.231293 | 20.0 | 78847451.0 | 0.652313 | Y |
| 4 | IC 460-1002996/5 | 150.0 | 105.277384 | 20.0 | 82904053.0 | 0.701849 | Y |
| 5 | IC 460-1002996/6 | 200.0 | 127.270765 | 20.0 | 83406584.0 | 0.636354 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 10:03 Calibration End Date: 10/23/2024 11:10 Calibration ID: 98938

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/2 | 14F0008279.D |
| Level 2 | IC 460-1002996/3 | 14F0008280.D |
| Level 3 | IC 460-1002996/4 | 14F0008281.D |
| Level 4 | IC 460-1002996/5 | 14F0008282.D |
| Level 5 | IC 460-1002996/6 | 14F0008283.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 0.0206 | 0.0171 | 0.0162 | 0.0175 | 0.0149 | Ave | | 0.0172 | | | | 12.3 | | 20.0 | | | |
| PCB-1016 Peak 2 | 0.0350 | 0.0306 | 0.0316 | 0.0337 | 0.0303 | Ave | | 0.0323 | | | | 6.3 | | 20.0 | | | |
| PCB-1016 Peak 3 | 0.0220 | 0.0201 | 0.0210 | 0.0180 | 0.0201 | Ave | | 0.0202 | | | | 7.4 | | 20.0 | | | |
| PCB-1016 Peak 4 | 0.0755 | 0.0704 | 0.0756 | 0.0823 | 0.0747 | Ave | | 0.0757 | | | | 5.6 | | 20.0 | | | |
| PCB-1016 Peak 5 | 0.0317 | 0.0288 | 0.0302 | 0.0325 | 0.0292 | Ave | | 0.0305 | | | | 5.2 | | 20.0 | | | |
| PCB-1016 Peak 6 | 0.0186 | 0.0180 | 0.0186 | 0.0194 | 0.0179 | Ave | | 0.0185 | | | | 3.3 | | 20.0 | | | |
| PCB-1016 Peak 7 | 0.0324 | 0.0291 | 0.0303 | 0.0297 | 0.0291 | Ave | | 0.0301 | | | | 4.7 | | 20.0 | | | |
| PCB-1016 Peak 8 | 0.0168 | 0.0154 | 0.0132 | 0.0140 | 0.0124 | Ave | | 0.0144 | | | | 12.3 | | 20.0 | | | |
| PCB-1260 Peak 1 | 0.0500 | 0.0458 | 0.0427 | 0.0420 | 0.0409 | Ave | | 0.0443 | | | | 8.3 | | 20.0 | | | |
| PCB-1260 Peak 2 | 0.0790 | 0.0741 | 0.0684 | 0.0725 | 0.0663 | Ave | | 0.0721 | | | | 6.9 | | 20.0 | | | |
| PCB-1260 Peak 3 | 0.0448 | 0.0425 | 0.0434 | 0.0453 | 0.0417 | Ave | | 0.0435 | | | | 3.5 | | 20.0 | | | |
| PCB-1260 Peak 4 | 0.0435 | 0.0438 | 0.0449 | 0.0350 | 0.0429 | Ave | | 0.0420 | | | | 9.5 | | 20.0 | | | |
| PCB-1260 Peak 5 | 0.1077 | 0.1036 | 0.1045 | 0.1117 | 0.1038 | Ave | | 0.1063 | | | | 3.3 | | 20.0 | | | |
| PCB-1260 Peak 6 | 0.0591 | 0.0542 | 0.0513 | 0.0537 | 0.0499 | Ave | | 0.0536 | | | | 6.6 | | 20.0 | | | |
| PCB-1260 Peak 7 | 0.0260 | 0.0260 | 0.0300 | 0.0269 | 0.0288 | Ave | | 0.0275 | | | | 6.4 | | 20.0 | | | |
| PCB-1260 Peak 8 | 0.0246 | 0.0221 | 0.0257 | 0.0258 | 0.0252 | Ave | | 0.0247 | | | | 6.1 | | 20.0 | | | |
| Tetrachloro-m-xylene | 1.0592 | 1.0765 | 1.1060 | 1.1880 | 1.0638 | Ave | | 1.0987 | | | | 4.8 | | 20.0 | | | |
| DCB Decachlorobiphenyl | 0.7716 | 0.7510 | 0.7671 | 0.8245 | 0.7458 | Ave | | 0.7720 | | | | 4.0 | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 10:03 | Calibration End Date: 10/23/2024 11:10 | Calibration ID: 98938

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/2 | 14F0008279.D |
| Level 2 | IC 460-1002996/3 | 14F0008280.D |
| Level 3 | IC 460-1002996/4 | 14F0008281.D |
| Level 4 | IC 460-1002996/5 | 14F0008282.D |
| Level 5 | IC 460-1002996/6 | 14F0008283.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| PCB-1016 Peak 1 | BNB | Ave | 9774872 | 78293307 | 142439991 | 242363564 | 347505140 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | BNB | Ave | 16646959 | 140597250 | 277425637 | 467081301 | 708150712 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | BNB | Ave | 10468842 | 92126374 | 184482347 | 249232318 | 469397762 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | BNB | Ave | 35854149 | 323174398 | 663354469 | 1140399231 | 1747767180 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | BNB | Ave | 15070909 | 131989246 | 265252606 | 449587837 | 682804591 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | BNB | Ave | 8848309 | 82452808 | 163320987 | 269352710 | 419202682 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | BNB | Ave | 15411658 | 133288650 | 266143490 | 411442960 | 679304407 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | BNB | Ave | 7985428 | 70598251 | 115809218 | 193678679 | 289837865 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | BNB | Ave | 23735424 | 210321327 | 374414759 | 582157470 | 956957925 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | BNB | Ave | 37513813 | 339916249 | 600291136 | 1004467329 | 1550469984 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | BNB | Ave | 21293108 | 195198530 | 381176752 | 627164942 | 974093594 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | BNB | Ave | 20673057 | 200929485 | 393634125 | 485318925 | 1004282744 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | BNB | Ave | 51188350 | 475155828 | 917218304 | 1547225456 | 2427188452 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | BNB | Ave | 28095116 | 248721901 | 450286843 | 743278326 | 1166660494 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | BNB | Ave | 12366465 | 119323657 | 263073939 | 372785524 | 672499722 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | BNB | Ave | 11688370 | 101328932 | 225313618 | 357044467 | 589305765 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Tetrachloro-m-xylene | BNB | Ave | 125821523 | 493868664 | 970267469 | 1645776553 | 1989911665 | 12.5 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 91655379 | 344531555 | 673018223 | 1142197846 | 1395189867 | 12.5 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Oct-2024 10:03:03 ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:27 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 10:30:15

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.295 | -0.002 | 84464683 | 20.0 | 20.0 | |
| 2 | 1.960 | 1.963 | -0.003 | 190060057 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.397 | 3.398 | -0.001 | 51124516 | 12.5 | 12.7 | M |
| 2 | 2.733 | 2.738 | -0.005 | 125821523 | 12.5 | 12.1 | M |
| | | | | | | RPD = 5.39 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 4143220 | 50.0 | 59.1 | M |
| 1 | 4.615 | 4.616 | -0.001 | 8581332 | 50.0 | 56.4 | |
| 1 | 5.218 | 5.219 | -0.001 | 17655034 | 50.0 | 54.1 | M |
| 1 | 5.393 | 5.394 | -0.001 | 7032409 | 50.0 | 55.5 | |
| 1 | 5.533 | 5.534 | -0.001 | 4362081 | 50.0 | 55.0 | M |
| 1 | 6.058 | 6.058 | 0.000 | 5693951 | 50.0 | 55.1 | M |
| 1 | 6.240 | 6.241 | -0.001 | 6478125 | 50.0 | 59.1 | |
| 1 | 6.716 | 6.716 | 0.000 | 4746097 | 50.0 | 60.7 | M |
| | | Average of Peak Amounts = | | | | 56.9 | |
| 2 | 3.156 | 3.161 | -0.005 | 9774872 | 50.0 | 59.6 | M |
| 2 | 3.573 | 3.578 | -0.005 | 16646959 | 50.0 | 54.3 | M |
| 2 | 3.805 | 3.813 | -0.008 | 10468842 | 50.0 | 54.4 | M |
| 2 | 4.121 | 4.124 | -0.003 | 35854149 | 50.0 | 49.8 | M |
| 2 | 4.277 | 4.283 | -0.006 | 15070909 | 50.0 | 52.0 | M |
| 2 | 4.350 | 4.356 | -0.006 | 8848309 | 50.0 | 50.3 | M |
| 2 | 4.776 | 4.781 | -0.005 | 15411658 | 50.0 | 53.9 | M |
| 2 | 5.241 | 5.244 | -0.003 | 7985428 | 50.0 | 58.5 | M |
| | | Average of Peak Amounts = | | | | 54.1 | |
| | | | | | | RPD = 4.96 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 5636317 | 50.0 | 58.3 | |
| 1 | 8.264 | 8.263 | 0.001 | 12586150 | 50.0 | 61.0 | |
| 1 | 8.698 | 8.698 | 0.000 | 14304234 | 50.0 | 58.6 | |
| 1 | 9.637 | 9.636 | 0.001 | 8530708 | 50.0 | 52.8 | |
| 1 | 10.069 | 10.070 | -0.001 | 8858669 | 50.0 | 55.4 | M |
| 1 | 10.388 | 10.389 | -0.001 | 18475281 | 50.0 | 51.7 | M |
| 1 | 10.803 | 10.803 | 0.000 | 12254623 | 50.0 | 51.8 | M |
| 1 | 11.380 | 11.383 | -0.003 | 4307555 | 50.0 | 47.5 | M |
| | | Average of Peak Amounts = | | | | 54.7 | |
| 2 | 6.352 | 6.357 | -0.005 | 23735424 | 50.0 | 56.4 | M |
| 2 | 6.774 | 6.776 | -0.002 | 37513813 | 50.0 | 54.8 | M |
| 2 | 7.429 | 7.433 | -0.004 | 21293108 | 50.0 | 51.5 | M |
| 2 | 7.864 | 7.866 | -0.002 | 20673057 | 50.0 | 51.8 | M |
| 2 | 8.462 | 8.463 | -0.001 | 51188350 | 50.0 | 50.7 | M |
| 2 | 9.032 | 9.033 | -0.001 | 28095116 | 50.0 | 55.1 | M |
| 2 | 9.232 | 9.226 | 0.006 | 12366465 | 50.0 | 47.3 | M |
| 2 | 10.098 | 10.100 | -0.002 | 11688370 | 50.0 | 49.9 | |
| | | Average of Peak Amounts = | | | | 52.2 | |
| | | | | | | RPD = 4.67 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.938 | 11.942 | -0.004 | 34920590 | 12.5 | 12.5 | M |
| 2 | 10.662 | 10.664 | -0.002 | 91655379 | 12.5 | 12.5 | |
| | | | | | | RPD = 0.42 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 111.5 | |

## QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L1_00028 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

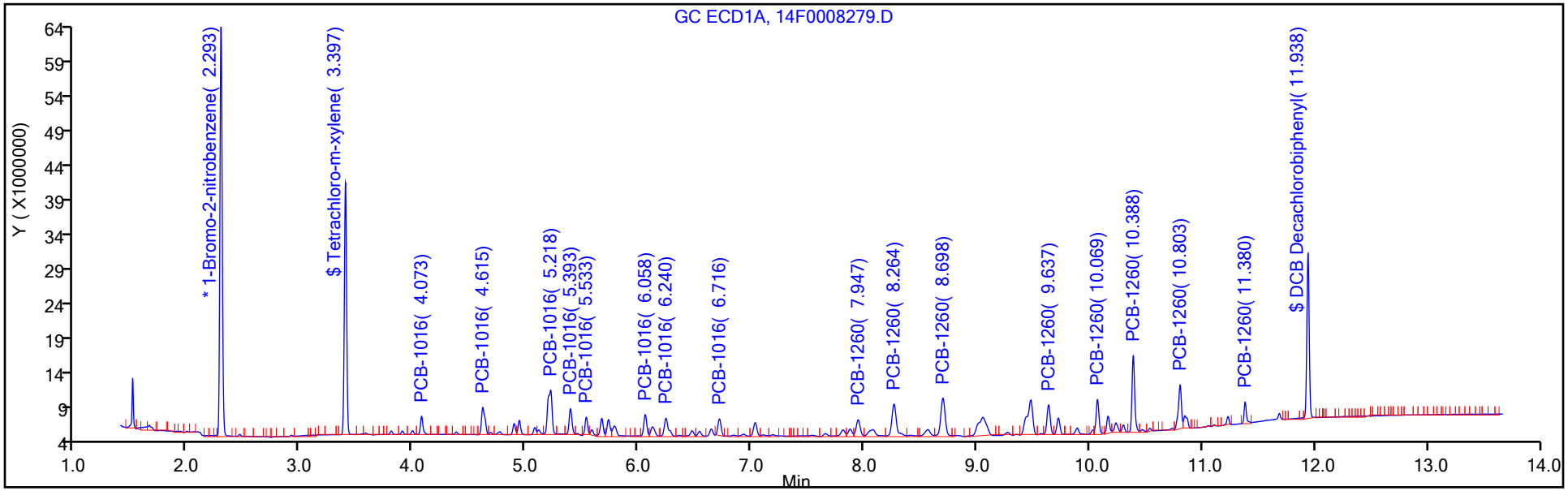
Report Date: 23-Oct-2024 14:01:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

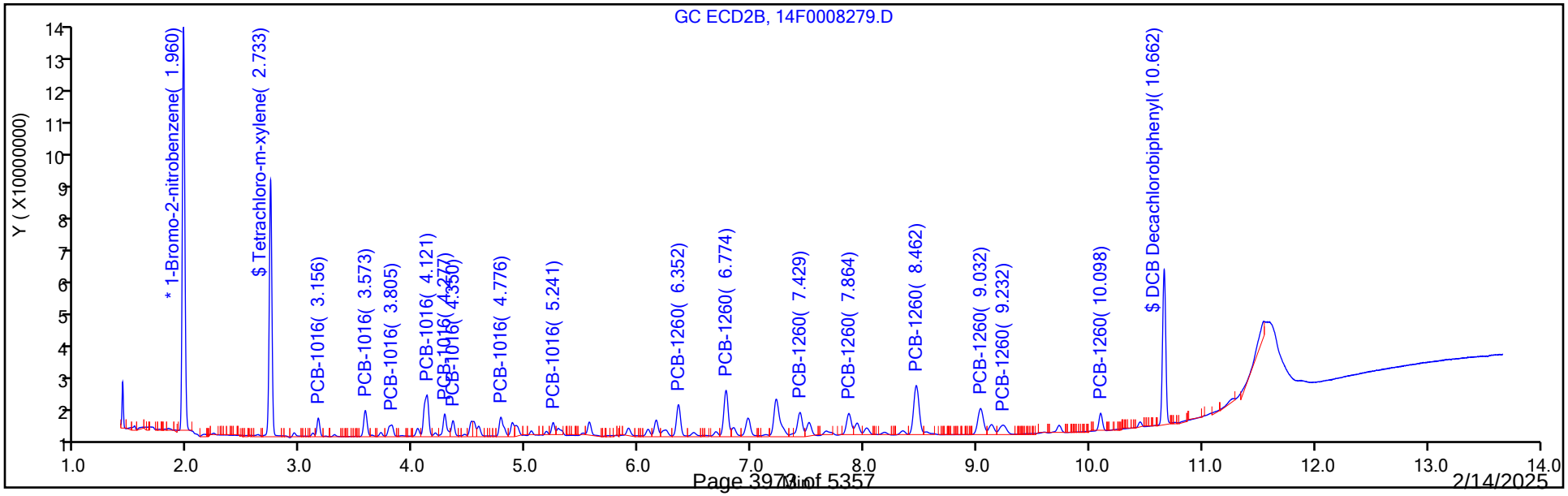
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:03:03 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

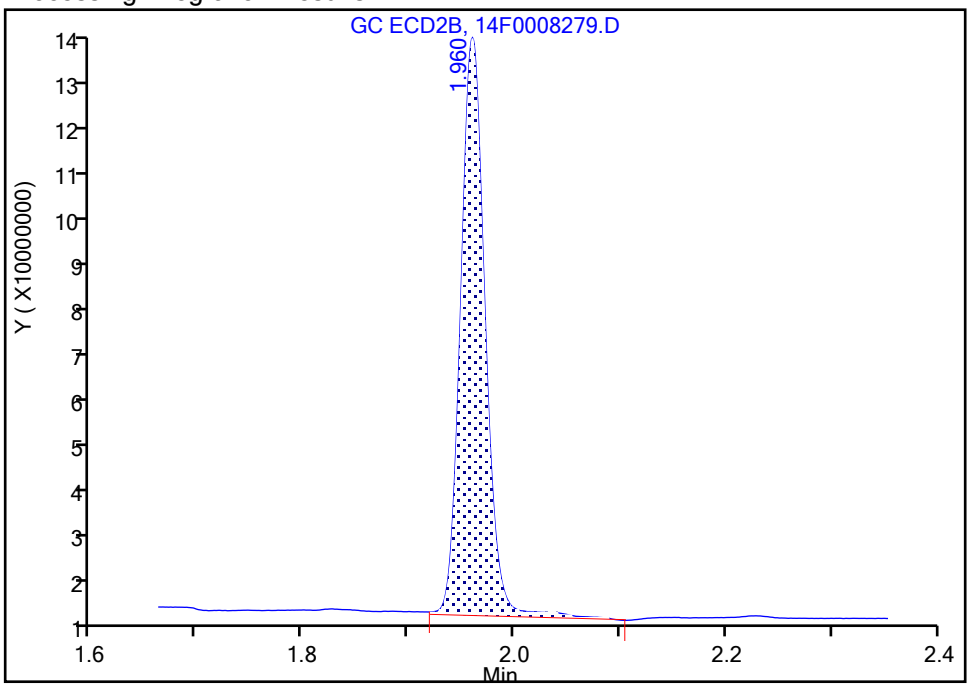
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

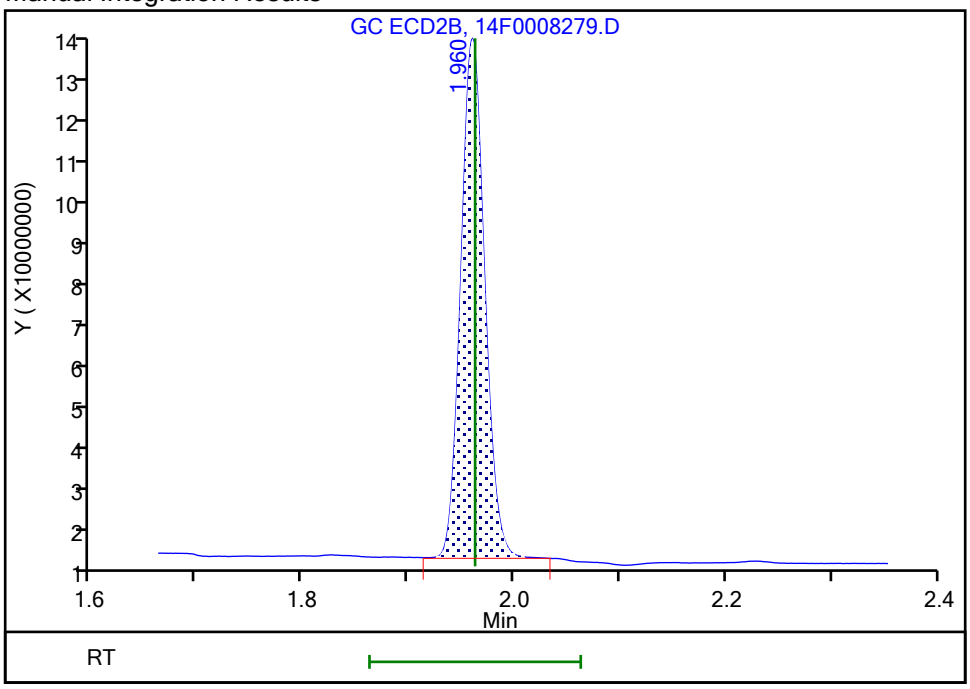
Processing Integration Results

RT: 1.96
Area: 196872470
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 190060057
Amount: 20.000000
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 10:30:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

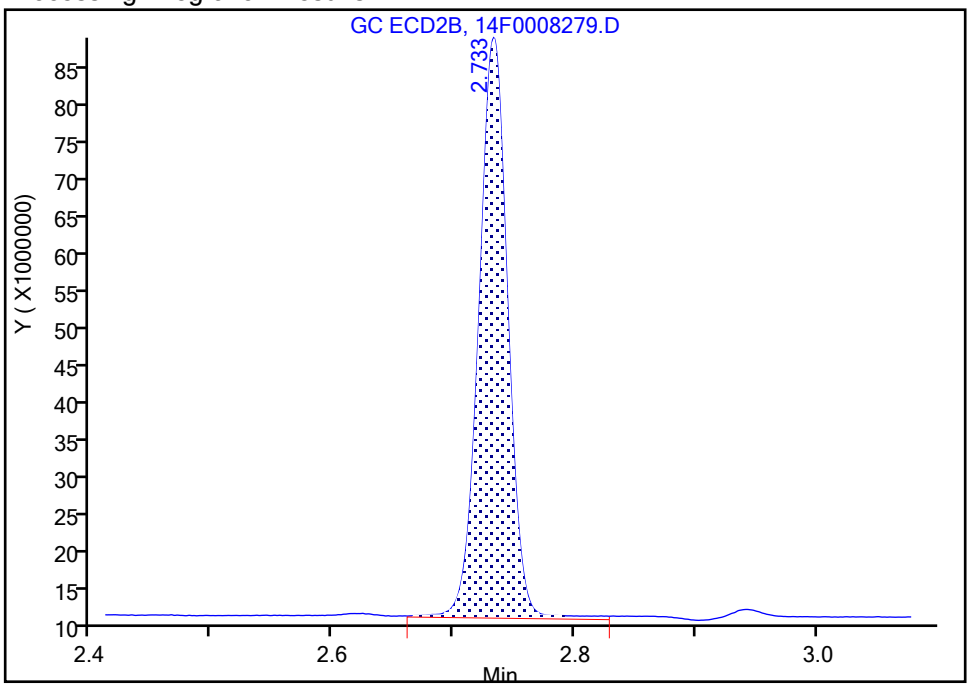
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D | | | | |
| Injection Date: | 23-Oct-2024 10:03:03 | Instrument ID: | CPESTGC14 | | |
| Lims ID: | IC PCB | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 5 | Worklist Smp#: | 2 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |
| Column: | Rtx-CLP Pest 2 ( 0.53 mm) | Detector | GC ECD2B | | |

## $ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

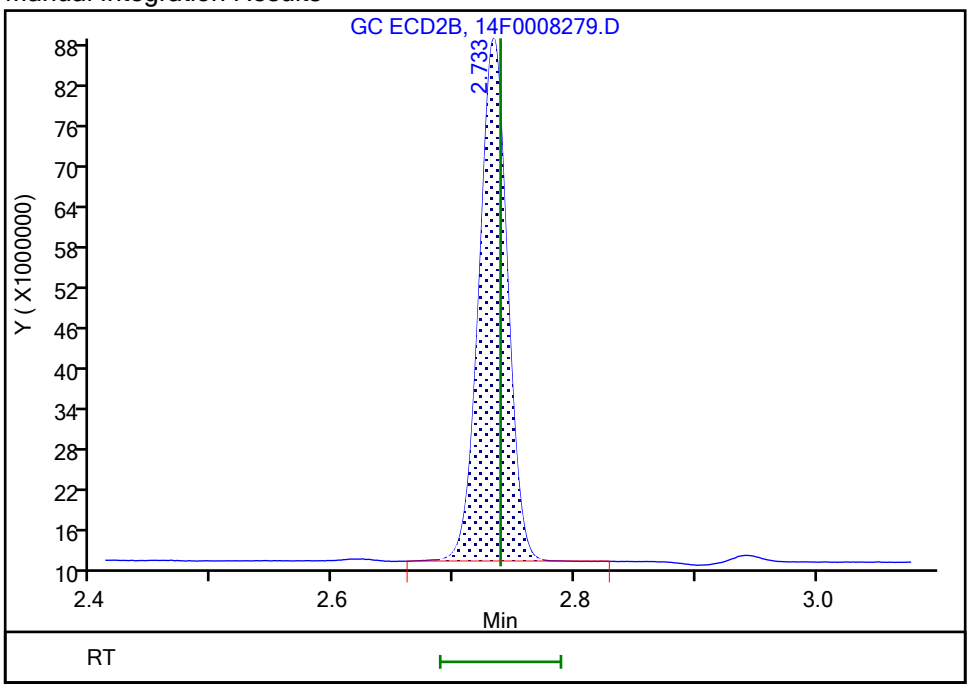
Processing Integration Results

RT: 2.73
Area: 128616116
Amount: 12.500000
Amount Units: ug/l




Manual Integration Results

RT: 2.73
Area: 125821523
Amount: 12.050941
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 10:29:52 -04:00:00 (UTC)

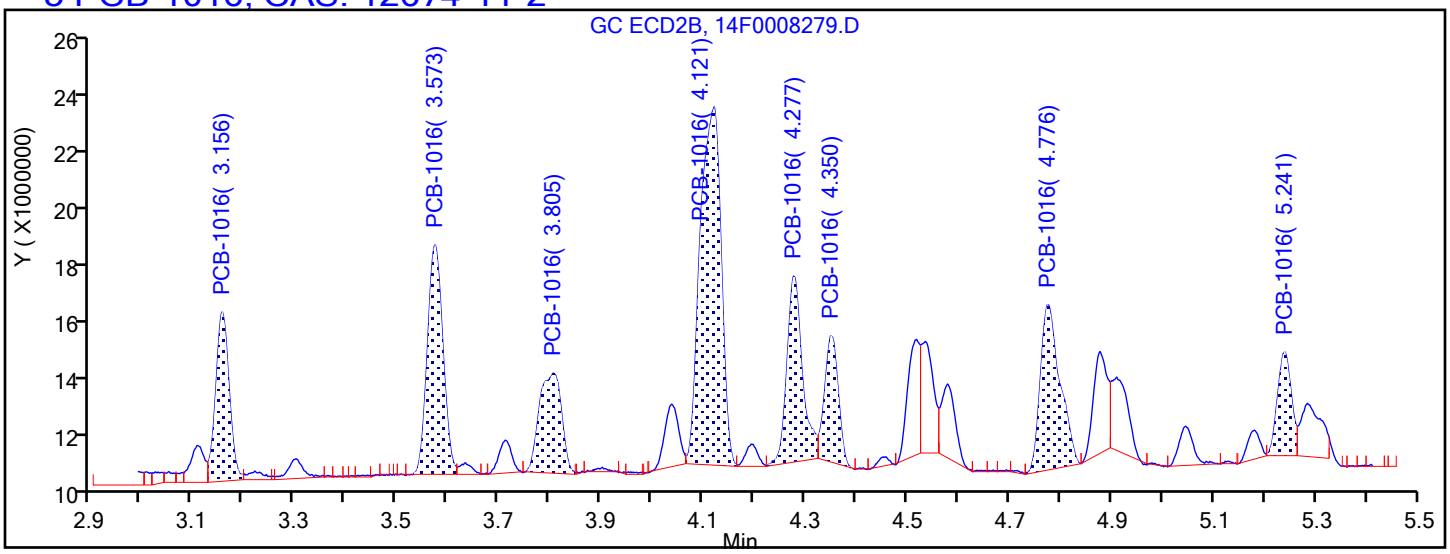
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:01:29 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

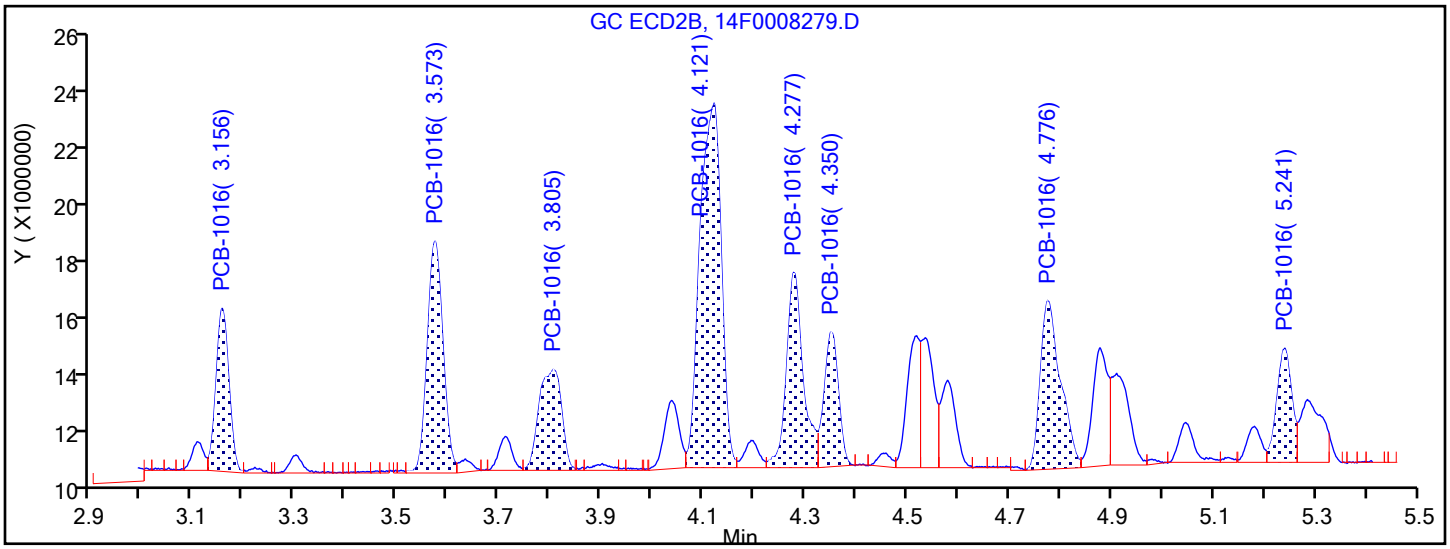
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.156 | Response = 10521296 |
| 3.573 | Response = 16393546 |
| 3.805 | Response = 10167366 |
| 4.121 | Response = 34395060 |
| 4.277 | Response = 13314960 |
| 4.350 | Response = 7970316 |
| 4.776 | Response = 14724982 |
| 5.241 | Response = 6601921 |




Manual Integration Results

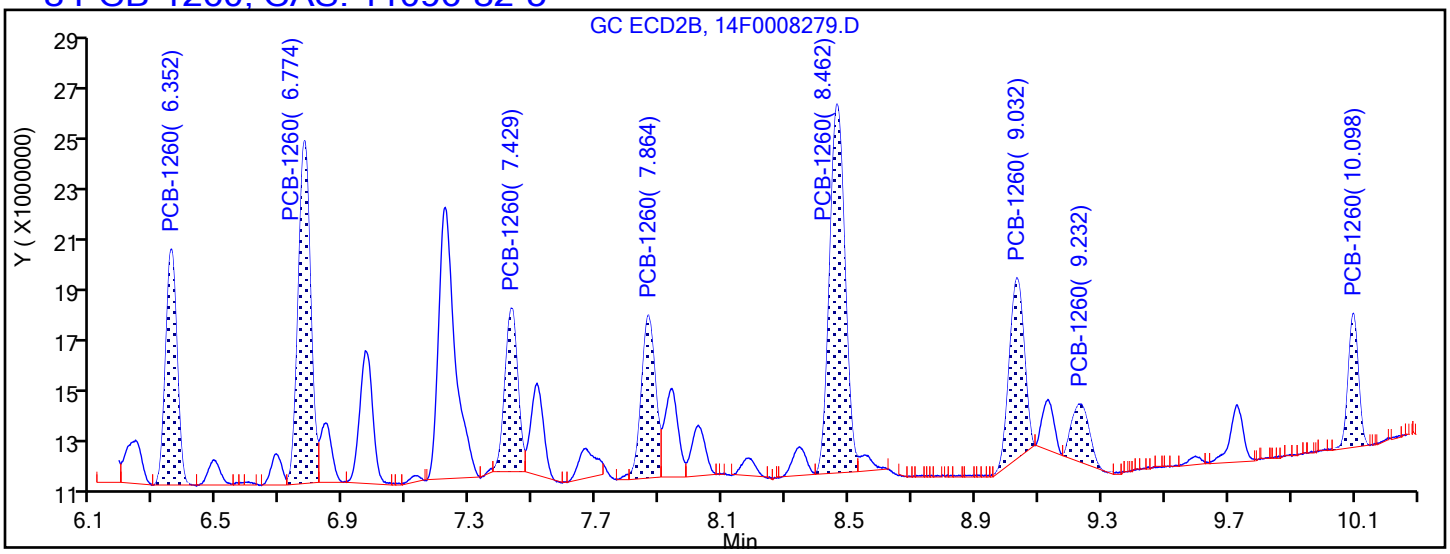
| | | |
|---|---|---|
| 3.156 | Response = 9774872 | M |
| 3.573 | Response = 16646959 | M |
| 3.805 | Response = 10468842 | M |
| 4.121 | Response = 35854149 | M |
| 4.277 | Response = 15070909 | M |
| 4.350 | Response = 8848309 | M |

Report Date: 23-Oct-2024 14:01:29 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

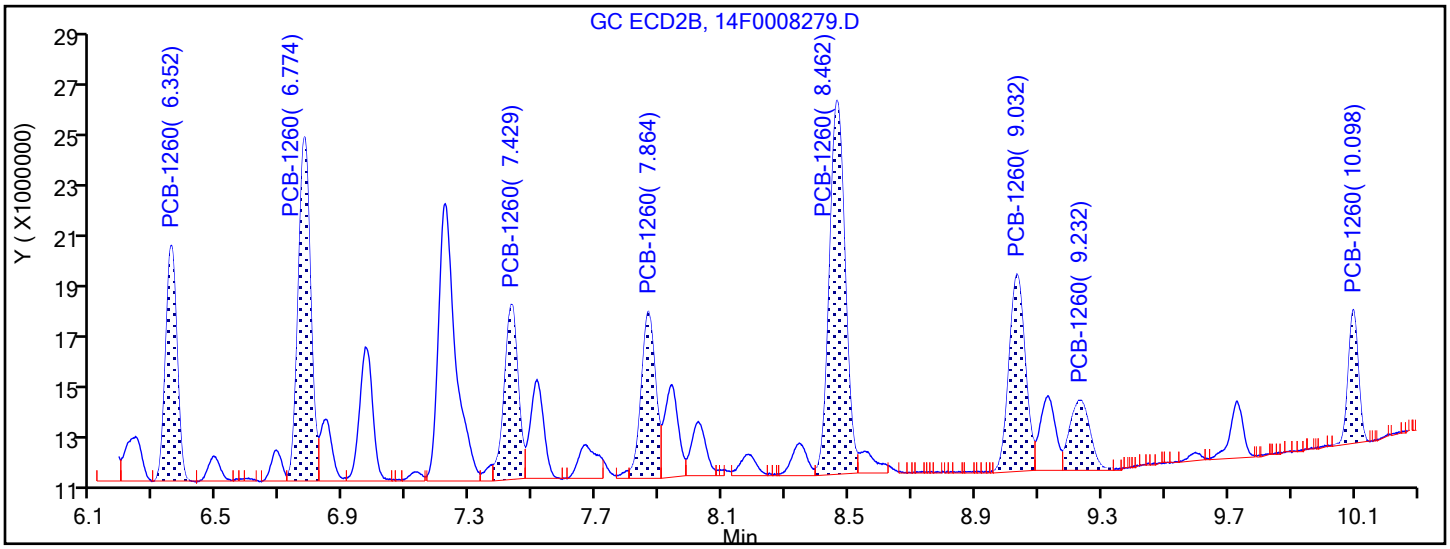
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008279.D
Injection Date: 23-Oct-2024 10:03:03 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 5 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.352 | Response = 23669560 |
| 6.774 | Response = 36987706 |
| 7.429 | Response = 18431826 |
| 7.864 | Response = 19966354 |
| 8.462 | Response = 49200699 |
| 9.032 | Response = 23405468 |
| 9.232 | Response = 8951745 |
| 10.098 | Response = 11688370 |




Manual Integration Results

| | | |
|---|---|---|
| 6.352 | Response = 23735424 | M |
| 6.774 | Response = 37513813 | M |
| 7.429 | Response = 21293108 | M |
| 7.864 | Response = 20673057 | M |
| 8.462 | Response = 51188350 | M |
| 9.032 | Response = 28095116 | M |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Oct-2024 10:19:39 ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-003
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:38 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 10:56:47

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.295 | -0.002 | 81787109 | 20.0 | 20.0 | |
| 2 | 1.963 | 1.963 | 0.000 | 183509090 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.398 | 3.398 | 0.000 | 193992029 | 50.0 | 49.8 | M |
| 2 | 2.737 | 2.738 | -0.001 | 493868664 | 50.0 | 49.0 | |
| | | | | | | RPD = 1.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 33834476 | 500.0 | 498.1 | M |
| 1 | 4.616 | 4.616 | 0.000 | 71399232 | 500.0 | 484.4 | |
| 1 | 5.218 | 5.219 | -0.001 | 151359271 | 500.0 | 479.4 | M |
| 1 | 5.393 | 5.394 | -0.001 | 59216373 | 500.0 | 483.0 | M |
| 1 | 5.533 | 5.534 | -0.001 | 37322320 | 500.0 | 485.8 | M |
| 1 | 6.058 | 6.058 | 0.000 | 48896358 | 500.0 | 488.3 | M |
| 1 | 6.240 | 6.241 | -0.001 | 56372098 | 500.0 | 531.1 | M |
| 1 | 6.715 | 6.716 | -0.001 | 44229391 | 500.0 | 583.9 | M |
| | | Average of Peak Amounts = | | | | 504.3 | |
| 2 | 3.159 | 3.161 | -0.002 | 78293307 | 500.0 | 494.8 | M |
| 2 | 3.578 | 3.578 | 0.000 | 140597250 | 500.0 | 475.0 | M |
| 2 | 3.811 | 3.813 | -0.002 | 92126374 | 500.0 | 496.0 | M |
| 2 | 4.123 | 4.124 | -0.001 | 323174398 | 500.0 | 465.2 | M |
| 2 | 4.282 | 4.283 | -0.001 | 131989246 | 500.0 | 472.0 | M |
| 2 | 4.354 | 4.356 | -0.002 | 82452808 | 500.0 | 485.3 | M |
| 2 | 4.779 | 4.781 | -0.002 | 133288650 | 500.0 | 482.4 | M |
| 2 | 5.243 | 5.244 | -0.001 | 70598251 | 500.0 | 536.0 | M |
| | | Average of Peak Amounts = | | | | 488.3 | |
| | | | | | | RPD = 3.21 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 48748149 | 500.0 | 521.1 | M |
| 1 | 8.265 | 8.263 | 0.002 | 107140692 | 500.0 | 536.6 | M |
| 1 | 8.698 | 8.698 | 0.000 | 124615527 | 500.0 | 526.8 | M |
| 1 | 9.637 | 9.636 | 0.001 | 76654825 | 500.0 | 490.4 | M |
| 1 | 10.068 | 10.070 | -0.002 | 75605555 | 500.0 | 488.3 | M |
| 1 | 10.382 | 10.389 | -0.007 | 168321601 | 500.0 | 486.8 | M |
| 1 | 10.793 | 10.803 | -0.010 | 111078526 | 500.0 | 485.1 | M |
| 1 | 11.365 | 11.383 | -0.018 | 38445858 | 500.0 | 437.8 | M |
| | | Average of Peak Amounts = | | | | 496.6 | |
| 2 | 6.354 | 6.357 | -0.003 | 210321327 | 500.0 | 517.6 | M |
| 2 | 6.778 | 6.776 | 0.002 | 339916249 | 500.0 | 514.1 | M |
| 2 | 7.433 | 7.433 | 0.000 | 195198530 | 500.0 | 488.5 | M |
| 2 | 7.868 | 7.866 | 0.002 | 200929485 | 500.0 | 521.0 | M |
| 2 | 8.466 | 8.463 | 0.003 | 475155828 | 500.0 | 487.3 | M |
| 2 | 9.038 | 9.033 | 0.005 | 248721901 | 500.0 | 505.3 | |
| 2 | 9.231 | 9.226 | 0.005 | 119323657 | 500.0 | 472.2 | |
| 2 | 10.095 | 10.100 | -0.005 | 101328932 | 500.0 | 447.7 | M |
| | | Average of Peak Amounts = | | | | 494.2 | |
| | | | | | | RPD = 0.49 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.921 | 11.942 | -0.021 | 131559697 | 50.0 | 48.8 | M |
| 2 | 10.654 | 10.664 | -0.010 | 344531555 | 50.0 | 48.6 | |
| | | | | | | RPD = 0.36 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1000.9 | |

## QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L2_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

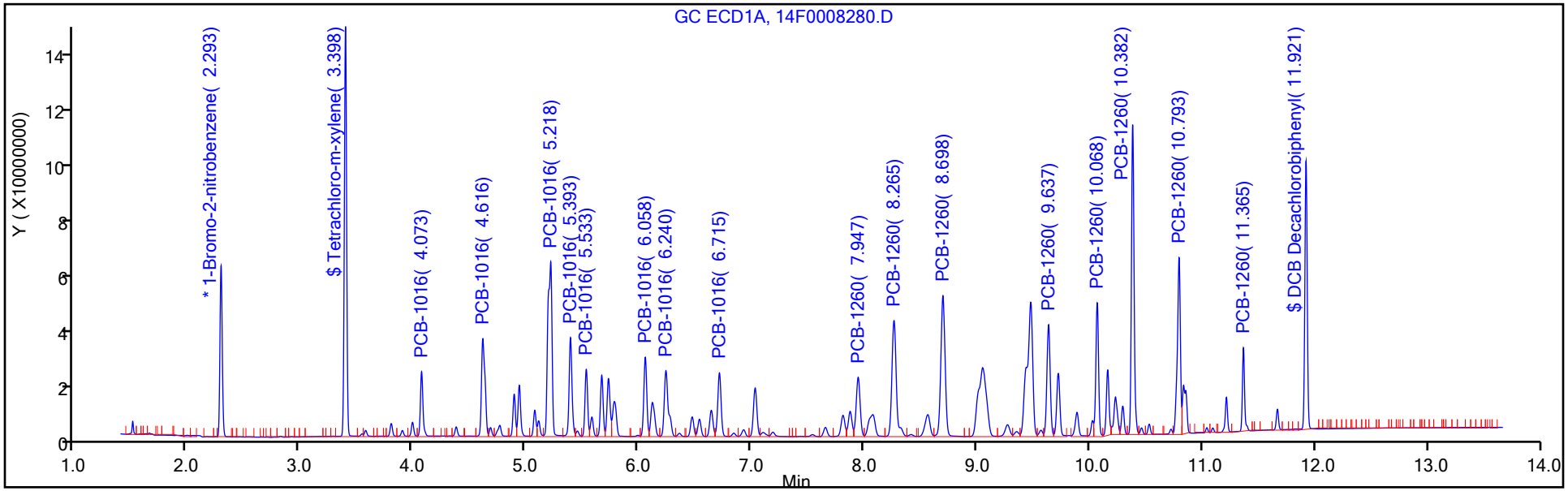
Report Date: 23-Oct-2024 14:01:40 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

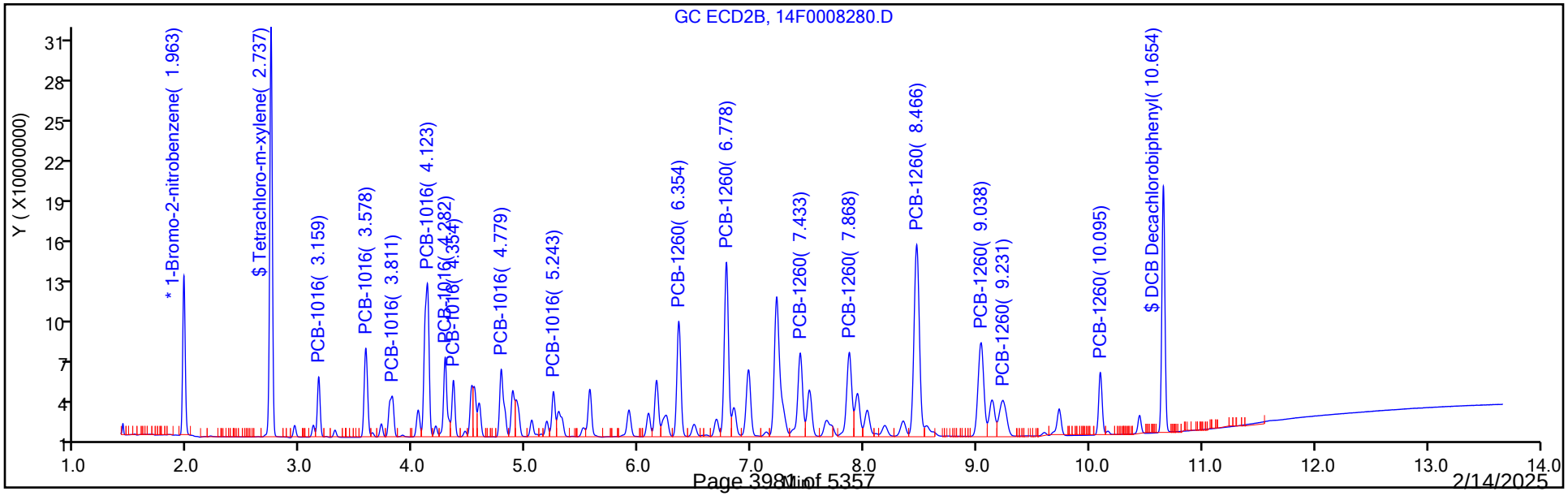
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:19:39 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 6 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

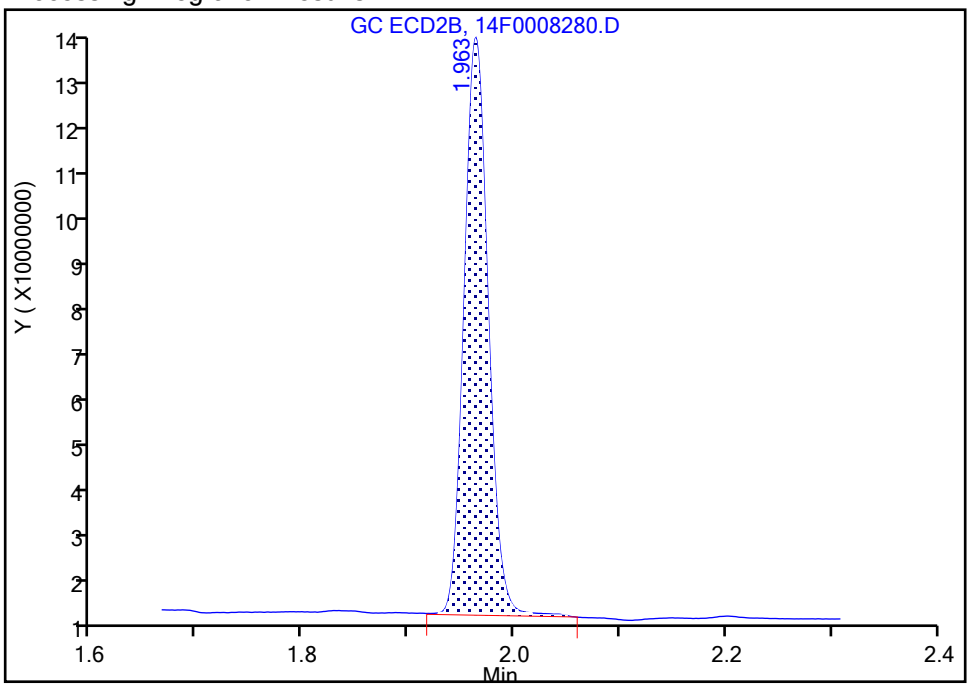
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

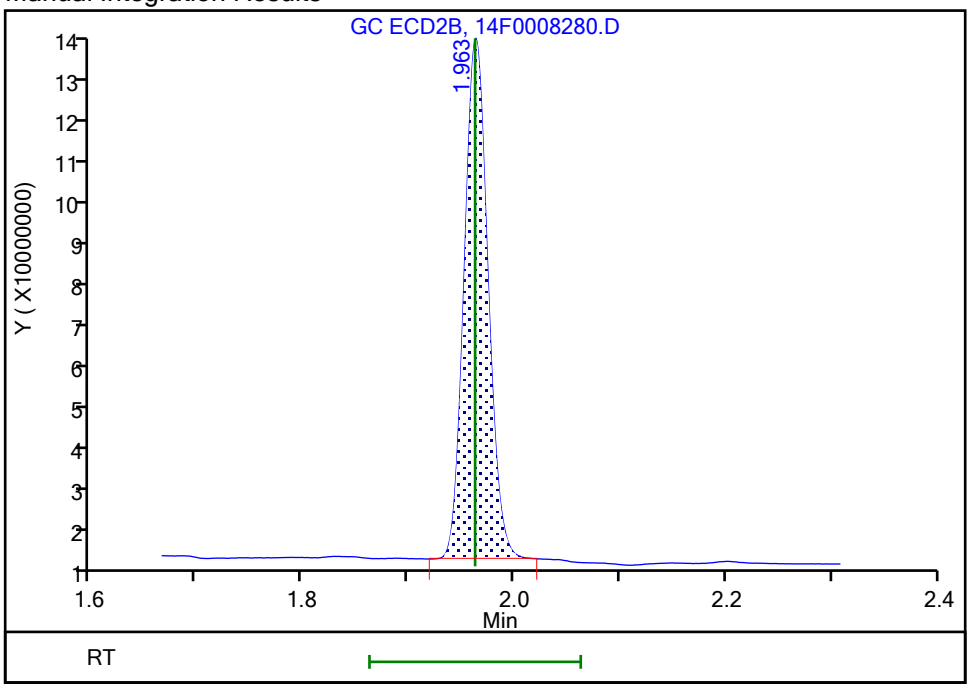
Processing Integration Results

RT: 1.96
Area: 186771860
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 183509090
Amount: 20.000000
Amount Units: ug/l



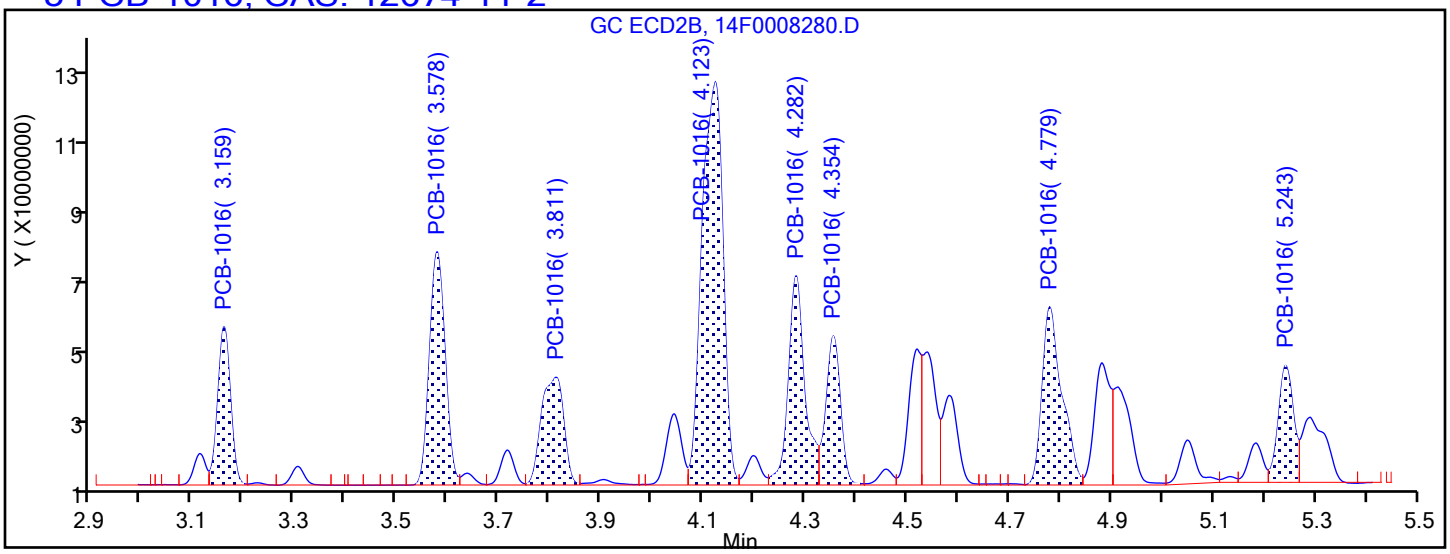

Reviewer: OR9X, 23-Oct-2024 10:56:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:01:41 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

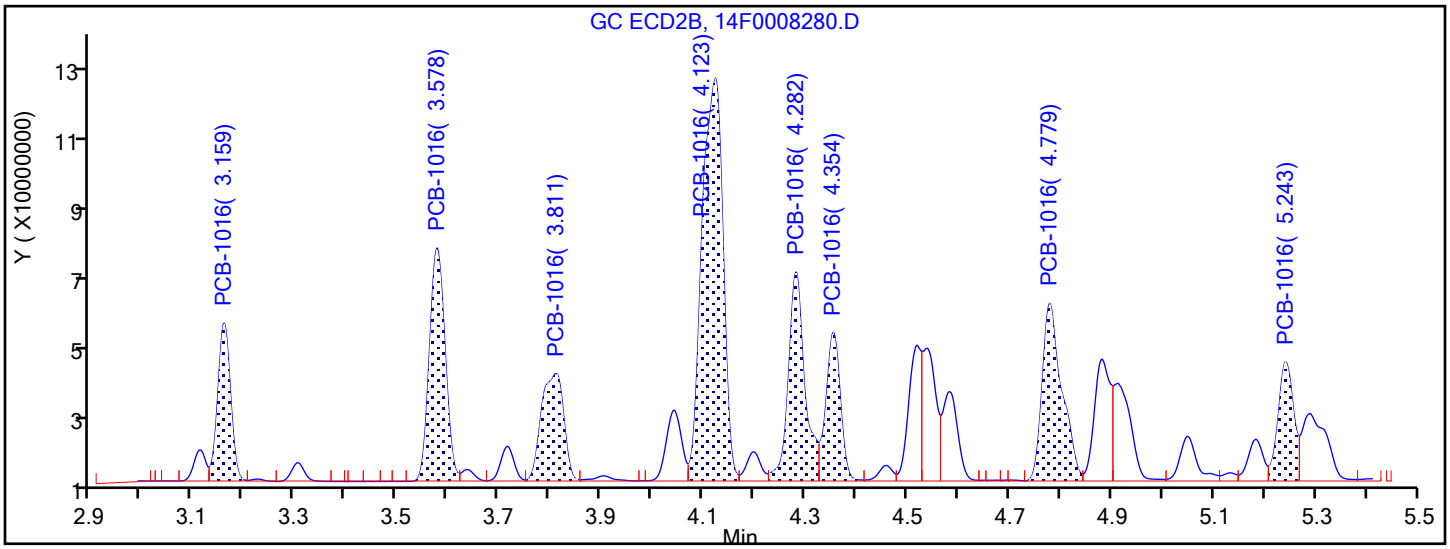
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.159 | Response = 78972157 |
| 3.578 | Response = 140972116 |
| 3.811 | Response = 92318156 |
| 4.123 | Response = 322887223 |
| 4.282 | Response = 131447704 |
| 4.354 | Response = 81869121 |
| 4.779 | Response = 132769238 |
| 5.243 | Response = 70092208 |




Manual Integration Results

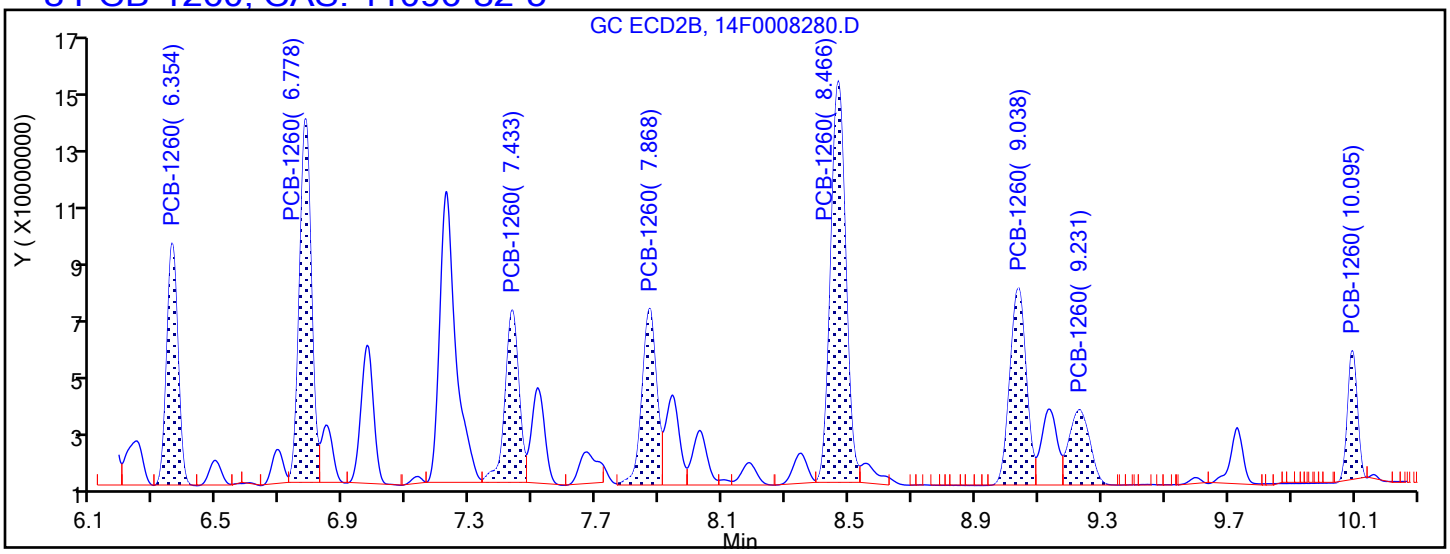
| | | |
|---|---|---|
| 3.159 | Response = 78293307 | M |
| 3.578 | Response = 140597250 | M |
| 3.811 | Response = 92126374 | M |
| 4.123 | Response = 323174398 | M |
| 4.282 | Response = 131989246 | M |
| 4.354 | Response = 82452808 | M |

Report Date: 23-Oct-2024 14:01:41 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

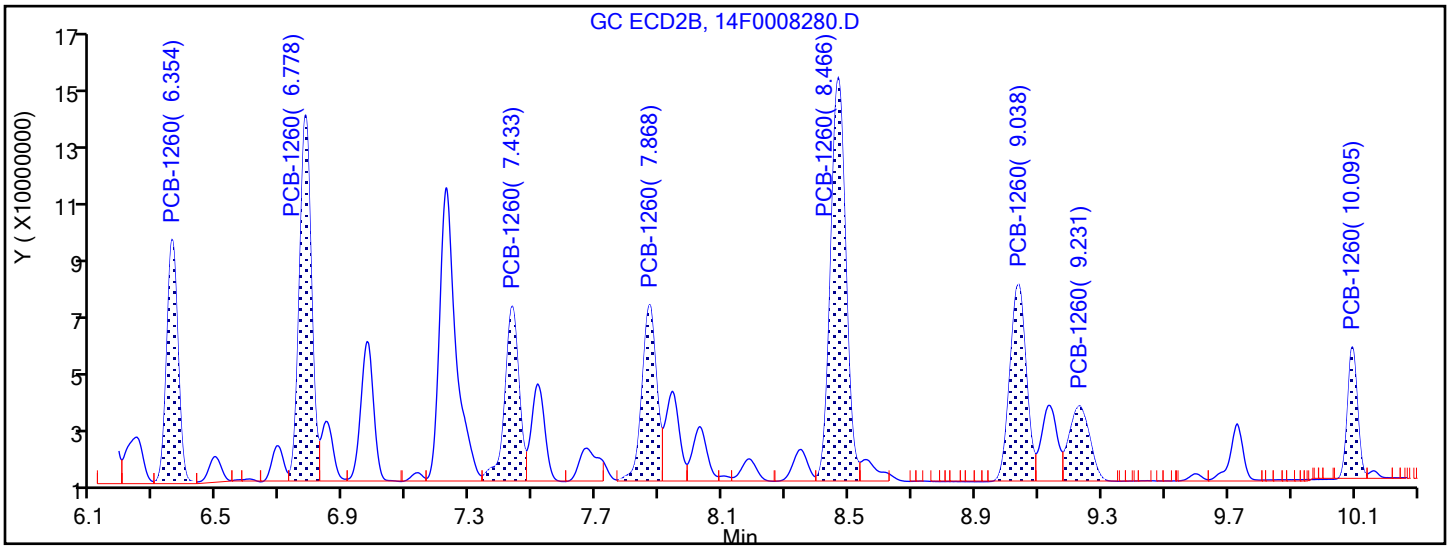
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008280.D
Injection Date: 23-Oct-2024 10:19:39 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.354 | Response = 208697925 |
| 6.778 | Response = 331463366 |
| 7.433 | Response = 183373376 |
| 7.868 | Response = 195676457 |
| 8.466 | Response = 468307531 |
| 9.038 | Response = 248721901 |
| 9.231 | Response = 119323657 |
| 10.095 | Response = 96060944 |




Manual Integration Results

| | | |
|---|---|---|
| 6.354 | Response = 210321327 | M |
| 6.778 | Response = 339916249 | M |
| 7.433 | Response = 195198530 | M |
| 7.868 | Response = 200929485 | M |
| 8.466 | Response = 475155828 | M |
| 9.038 | Response = 248721901 | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 23-Oct-2024 10:36:16 ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-004
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:01:52 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:15:40

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.293 | 2.293 | 0.000 | 78847451 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 175462676 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.398 | 3.398 | 0.000 | 376823027 | 100.0 | 100.4 | |
| 2 | 2.738 | 2.738 | 0.000 | 970267469 | 100.0 | 100.7 | |
| | | | | | | RPD = 0.24 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 62485088 | 1000.0 | 954.2 | |
| 1 | 4.616 | 4.616 | 0.000 | 139748540 | 1000.0 | 983.5 | M |
| 1 | 5.219 | 5.219 | 0.000 | 301071656 | 1000.0 | 989.0 | M |
| 1 | 5.394 | 5.394 | 0.000 | 115257703 | 1000.0 | 975.2 | M |
| 1 | 5.534 | 5.534 | 0.000 | 73152708 | 1000.0 | 987.7 | M |
| 1 | 6.058 | 6.058 | 0.000 | 95189540 | 1000.0 | 986.0 | M |
| 1 | 6.241 | 6.241 | 0.000 | 96089947 | 1000.0 | 939.0 | M |
| 1 | 6.716 | 6.716 | 0.000 | 64015896 | 1000.0 | 876.7 | M |
| | | Average of Peak Amounts = | | | | 961.4 | |
| 2 | 3.161 | 3.161 | 0.000 | 142439991 | 1000.0 | 941.4 | |
| 2 | 3.578 | 3.578 | 0.000 | 277425637 | 1000.0 | 980.2 | M |
| 2 | 3.813 | 3.813 | 0.000 | 184482347 | 1000.0 | 1038.9 | M |
| 2 | 4.124 | 4.124 | 0.000 | 663354469 | 1000.0 | 998.6 | M |
| 2 | 4.283 | 4.283 | 0.000 | 265252606 | 1000.0 | 992.1 | M |
| 2 | 4.356 | 4.356 | 0.000 | 163320987 | 1000.0 | 1005.4 | M |
| 2 | 4.781 | 4.781 | 0.000 | 266143490 | 1000.0 | 1007.3 | M |
| 2 | 5.244 | 5.244 | 0.000 | 115809218 | 1000.0 | 919.6 | M |
| | | Average of Peak Amounts = | | | | 985.4 | |
| | | | | | | RPD = 2.47 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.947 | 7.947 | 0.000 | 84119870 | 1000.0 | 932.7 | M |
| 1 | 8.263 | 8.263 | 0.000 | 173977038 | 1000.0 | 903.8 | M |
| 1 | 8.698 | 8.698 | 0.000 | 212790785 | 1000.0 | 933.1 | M |
| 1 | 9.636 | 9.636 | 0.000 | 148852480 | 1000.0 | 987.9 | M |
| 1 | 10.070 | 10.070 | 0.000 | 142987847 | 1000.0 | 957.9 | M |
| 1 | 10.389 | 10.389 | 0.000 | 325068777 | 1000.0 | 975.3 | M |
| 1 | 10.803 | 10.803 | 0.000 | 214739464 | 1000.0 | 972.8 | |
| 1 | 11.383 | 11.383 | 0.000 | 86957183 | 1000.0 | 1027.2 | |
| | | Average of Peak Amounts = | | | | 961.3 | |
| 2 | 6.357 | 6.357 | 0.000 | 374414759 | 1000.0 | 963.7 | M |
| 2 | 6.776 | 6.776 | 0.000 | 600291136 | 1000.0 | 949.6 | M |
| 2 | 7.433 | 7.433 | 0.000 | 381176752 | 1000.0 | 997.7 | M |
| 2 | 7.866 | 7.866 | 0.000 | 393634125 | 1000.0 | 1067.5 | M |
| 2 | 8.463 | 8.463 | 0.000 | 917218304 | 1000.0 | 983.8 | M |
| 2 | 9.033 | 9.033 | 0.000 | 450286843 | 1000.0 | 956.8 | M |
| 2 | 9.226 | 9.226 | 0.000 | 263073939 | 1000.0 | 1088.9 | M |
| 2 | 10.100 | 10.100 | 0.000 | 225313618 | 1000.0 | 1041.1 | M |
| | | Average of Peak Amounts = | | | | 1006.1 | |
| | | | | | | RPD = 4.55 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.942 | 11.942 | 0.000 | 257166058 | 100.0 | 99.0 | |
| 2 | 10.664 | 10.664 | 0.000 | 673018223 | 100.0 | 99.4 | |
| | | | | | | RPD = 0.40 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1260ResPCB_00003 | Amount Added: | 1.00 | Units: mL | |
| SG1660L3_00044 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

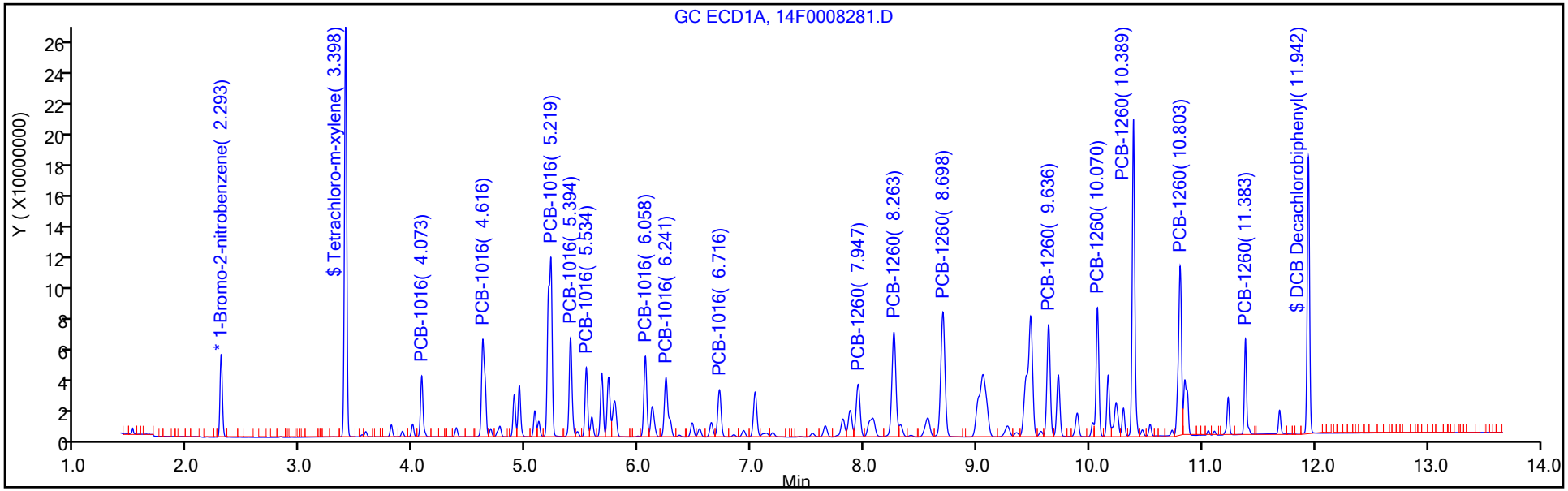
Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

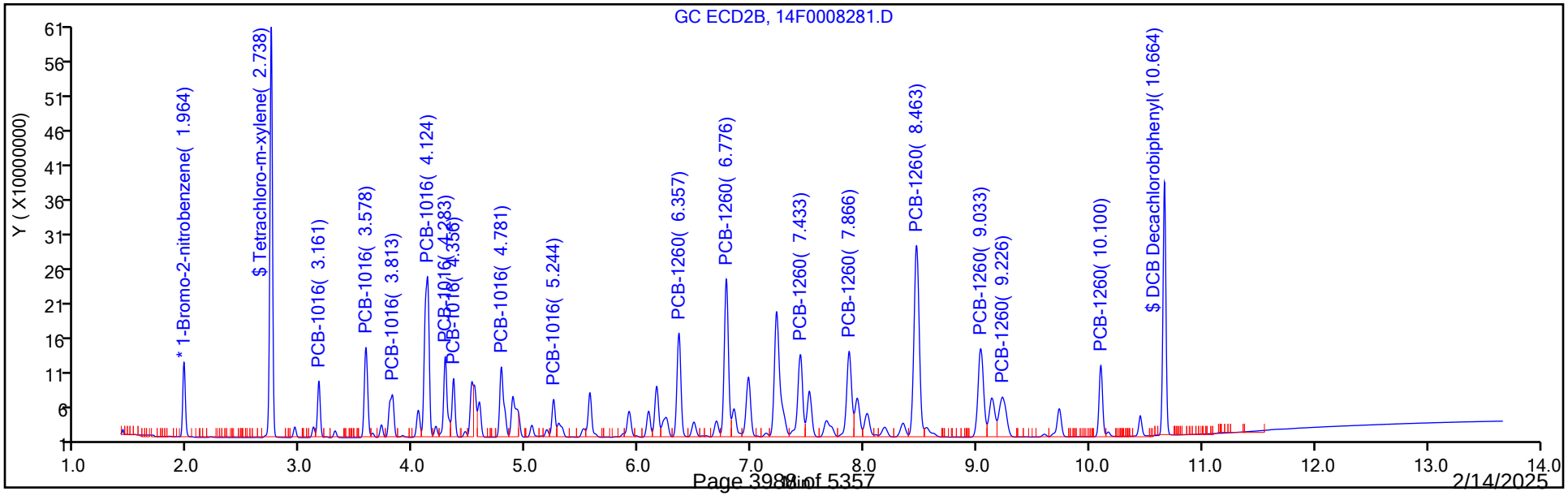
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:36:16 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 7 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

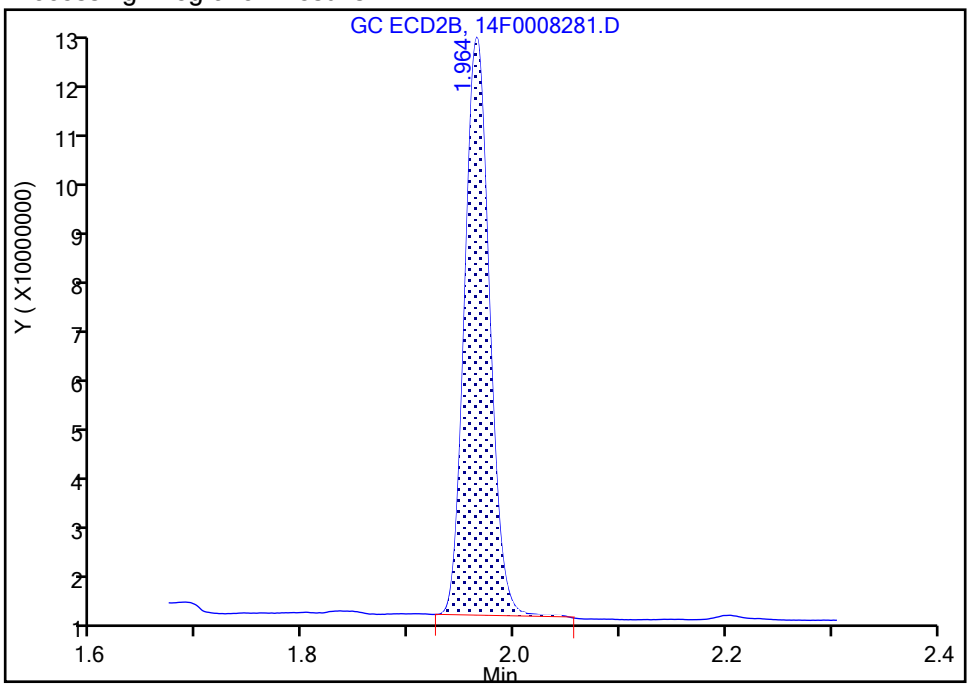
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Injection Date: 23-Oct-2024 10:36:16 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

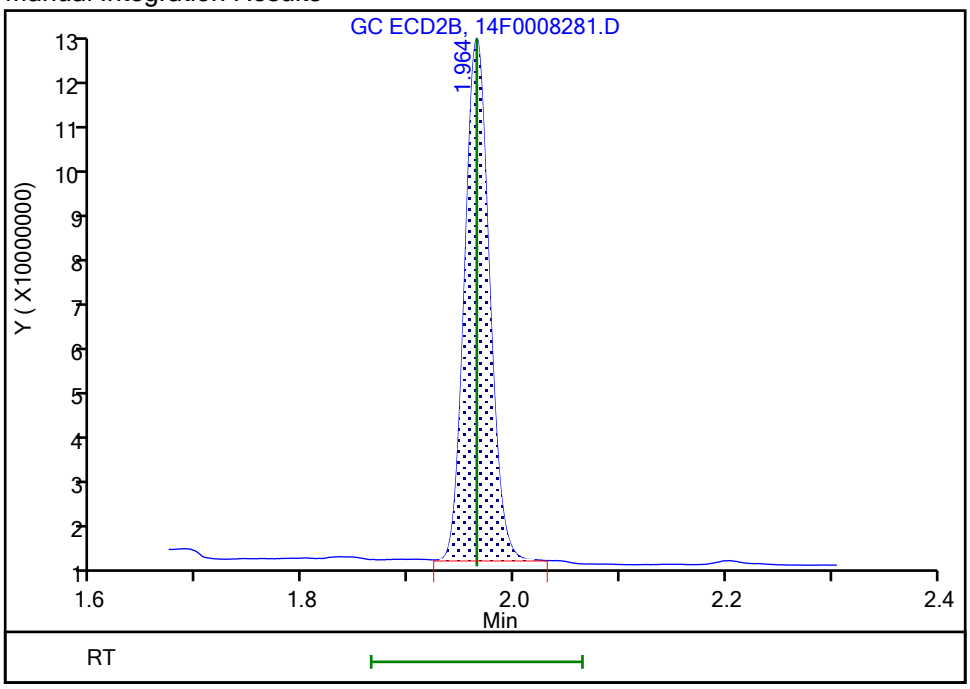
Processing Integration Results

RT: 1.96
Area: 177209231
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 175462676
Amount: 20.000000
Amount Units: ug/l



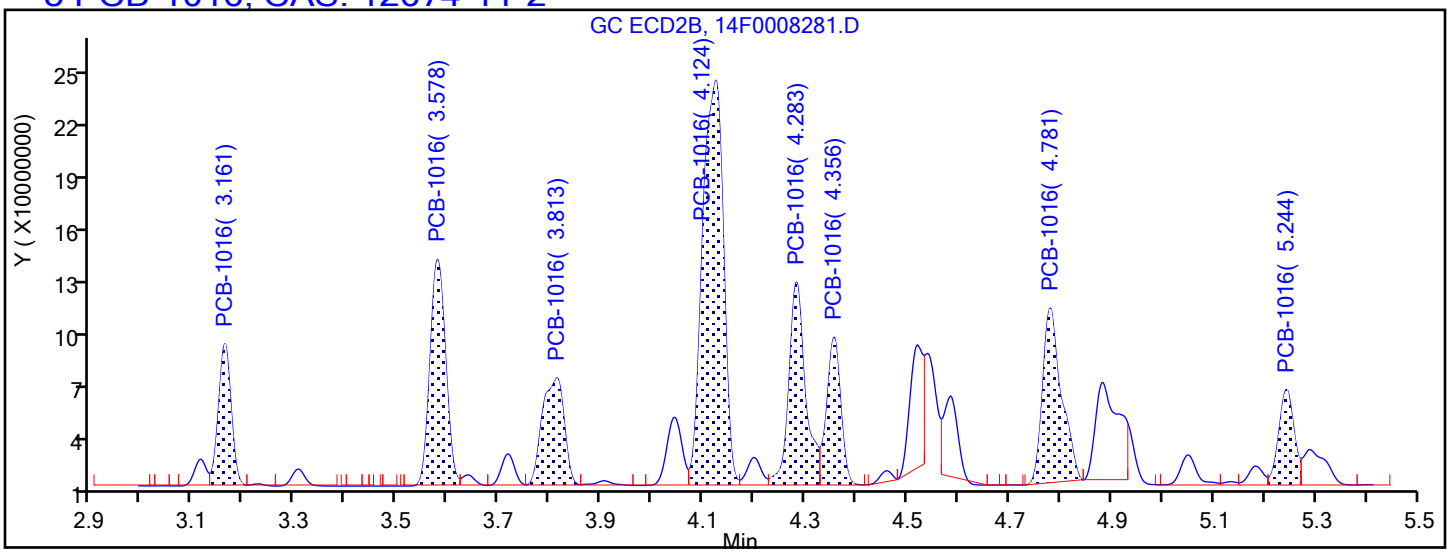

Reviewer: OR9X, 23-Oct-2024 11:16:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

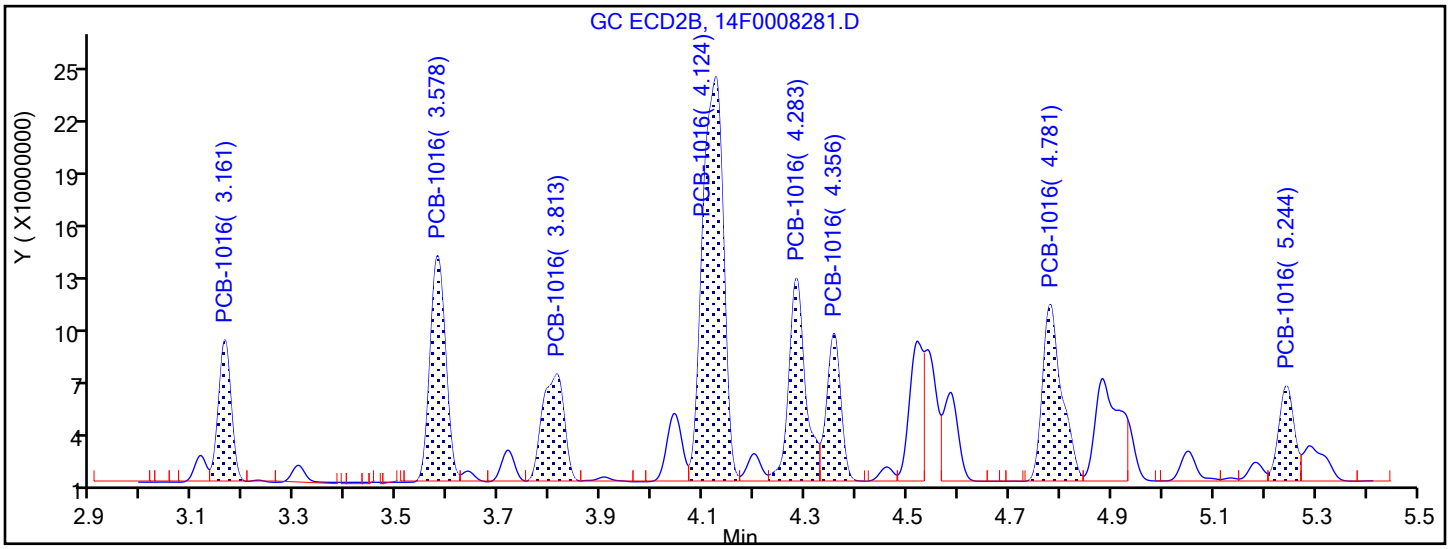
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Injection Date: 23-Oct-2024 10:36:16 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.161 | Response = 142439991 |
| 3.578 | Response = 277089044 |
| 3.813 | Response = 183557332 |
| 4.124 | Response = 662442973 |
| 4.283 | Response = 264024765 |
| 4.356 | Response = 162094894 |
| 4.781 | Response = 255956023 |
| 5.244 | Response = 115239048 |




Manual Integration Results

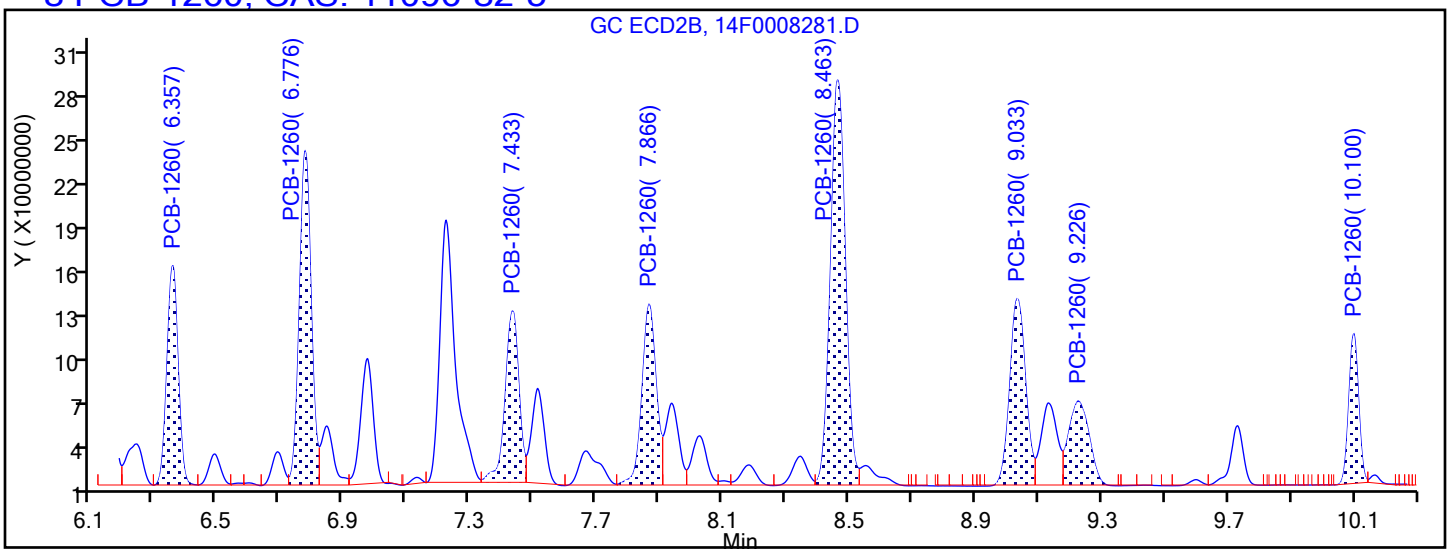
| | | |
|---|---|---|
| 3.161 | Response = 142439991 | |
| 3.578 | Response = 277425637 | M |
| 3.813 | Response = 184482347 | M |
| 4.124 | Response = 663354469 | M |
| 4.283 | Response = 265252606 | M |
| 4.356 | Response = 163320987 | M |

Report Date: 23-Oct-2024 14:01:53 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

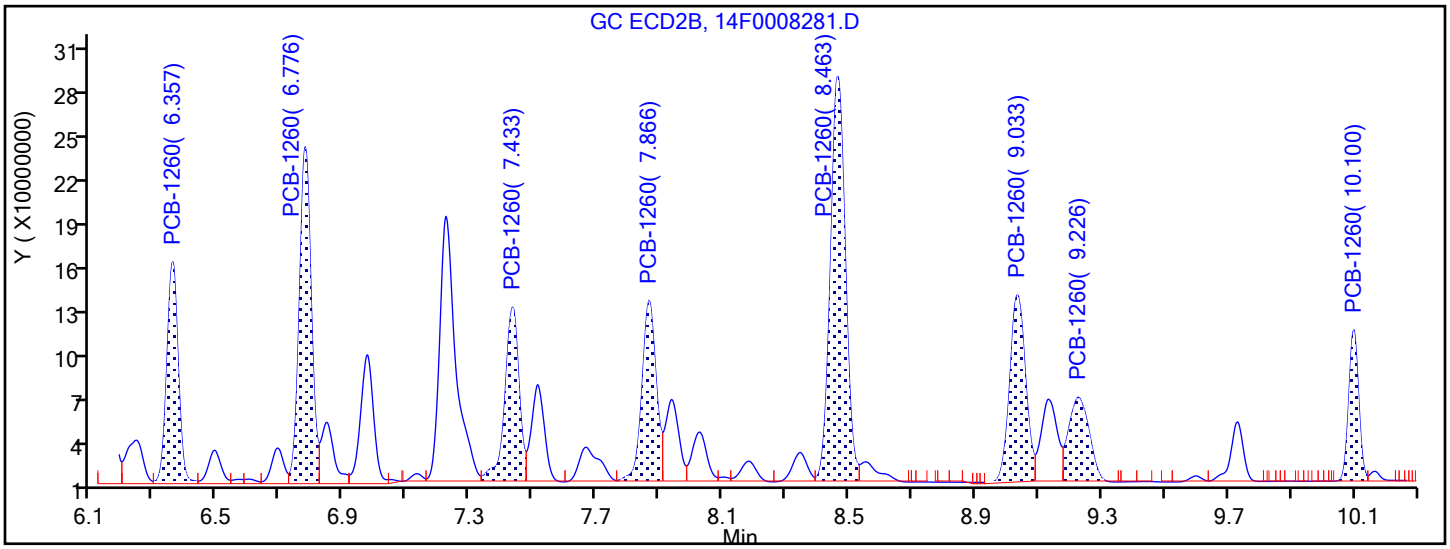
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008281.D
Injection Date: 23-Oct-2024 10:36:16 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.357 | Response = 370857989 |
| 6.776 | Response = 593987120 |
| 7.433 | Response = 361887880 |
| 7.866 | Response = 384742410 |
| 8.463 | Response = 915495935 |
| 9.033 | Response = 449851666 |
| 9.226 | Response = 262509811 |
| 10.100 | Response = 223278887 |




Manual Integration Results

| | | |
|---|---|---|
| 6.357 | Response = 374414759 | M |
| 6.776 | Response = 600291136 | M |
| 7.433 | Response = 381176752 | M |
| 7.866 | Response = 393634125 | M |
| 8.463 | Response = 917218304 | M |
| 9.033 | Response = 450286843 | M |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Oct-2024 10:52:53 ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-005
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:03 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:18:42

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.293 | 0.001 | 82904053 | 20.0 | 20.0 | M |
| 2 | 1.964 | 1.964 | 0.000 | 184712945 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | M |
| 1 | 3.398 | 3.398 | 0.000 | 619150153 | 150.0 | 156.9 | M |
| 2 | 2.738 | 2.738 | 0.000 | 1645776553 | 150.0 | 162.2 | M |
| | | | | | | RPD = 3.30 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.073 | 4.073 | 0.000 | 101432657 | 1500.0 | 1473.2 | M |
| 1 | 4.616 | 4.616 | 0.000 | 225323523 | 1500.0 | 1508.2 | M |
| 1 | 5.218 | 5.219 | -0.001 | 495813052 | 1500.0 | 1549.1 | M |
| 1 | 5.393 | 5.394 | -0.001 | 191760663 | 1500.0 | 1543.1 | M |
| 1 | 5.535 | 5.534 | 0.001 | 117142458 | 1500.0 | 1504.3 | M |
| 1 | 6.058 | 6.058 | 0.000 | 153720296 | 1500.0 | 1514.4 | M |
| 1 | 6.241 | 6.241 | 0.000 | 151004207 | 1500.0 | 1403.4 | M |
| 1 | 6.715 | 6.716 | -0.001 | 106284109 | 1500.0 | 1384.3 | M |
| | | Average of Peak Amounts = | | | | 1485.0 | |
| 2 | 3.160 | 3.161 | -0.001 | 242363564 | 1500.0 | 1521.6 | M |
| 2 | 3.578 | 3.578 | 0.000 | 467081301 | 1500.0 | 1567.6 | M |
| 2 | 3.811 | 3.813 | -0.002 | 249232318 | 1500.0 | 1333.2 | M |
| 2 | 4.125 | 4.124 | 0.001 | 1140399231 | 1500.0 | 1630.8 | M |
| 2 | 4.282 | 4.283 | -0.001 | 449587837 | 1500.0 | 1597.3 | M |
| 2 | 4.356 | 4.356 | 0.000 | 269352710 | 1500.0 | 1575.1 | M |
| 2 | 4.781 | 4.781 | 0.000 | 411442960 | 1500.0 | 1479.3 | |
| 2 | 5.243 | 5.244 | -0.001 | 193678679 | 1500.0 | 1461.0 | M |
| | | Average of Peak Amounts = | | | | 1520.7 | |
| | | | | | | RPD = 2.38 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.948 | 7.947 | 0.001 | 139778714 | 1500.0 | 1474.1 | M |
| 1 | 8.266 | 8.263 | 0.003 | 288579463 | 1500.0 | 1425.8 | M |
| 1 | 8.701 | 8.698 | 0.003 | 347620092 | 1500.0 | 1449.8 | M |
| 1 | 9.637 | 9.636 | 0.001 | 247928123 | 1500.0 | 1564.9 | M |
| 1 | 10.071 | 10.070 | 0.001 | 240648219 | 1500.0 | 1533.3 | M |
| 1 | 10.387 | 10.389 | -0.002 | 549724554 | 1500.0 | 1568.6 | M |
| 1 | 10.799 | 10.803 | -0.004 | 364982646 | 1500.0 | 1572.6 | M |
| 1 | 11.375 | 11.383 | -0.008 | 148616867 | 1500.0 | 1669.7 | M |
| | | Average of Peak Amounts = | | | | 1532.3 | |
| 2 | 6.356 | 6.357 | -0.001 | 582157470 | 1500.0 | 1423.4 | M |
| 2 | 6.778 | 6.776 | 0.002 | 1004467329 | 1500.0 | 1509.4 | M |
| 2 | 7.435 | 7.433 | 0.002 | 627164942 | 1500.0 | 1559.4 | M |
| 2 | 7.870 | 7.866 | 0.004 | 485318925 | 1500.0 | 1250.2 | M |
| 2 | 8.469 | 8.463 | 0.006 | 1547225456 | 1500.0 | 1576.5 | M |
| 2 | 9.038 | 9.033 | 0.005 | 743278326 | 1500.0 | 1500.3 | |
| 2 | 9.238 | 9.226 | 0.012 | 372785524 | 1500.0 | 1465.7 | |
| 2 | 10.099 | 10.100 | -0.001 | 357044467 | 1500.0 | 1567.1 | |
| | | Average of Peak Amounts = | | | | 1481.5 | |
| | | | | | | RPD = 3.37 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | M |
| 1 | 11.932 | 11.942 | -0.010 | 436396090 | 150.0 | 159.7 | M |
| 2 | 10.661 | 10.664 | -0.003 | 1142197846 | 150.0 | 160.2 | |
| | | | | | | RPD = 0.29 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 3017.3 | |

## QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

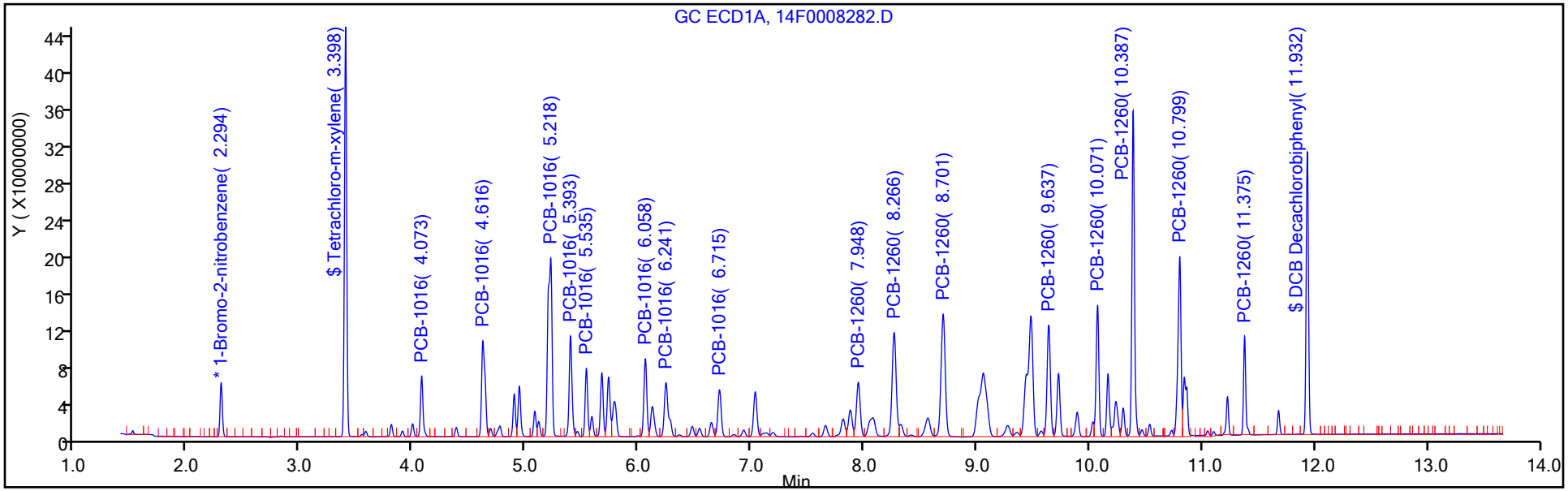
Report Date: 23-Oct-2024 14:02:05 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

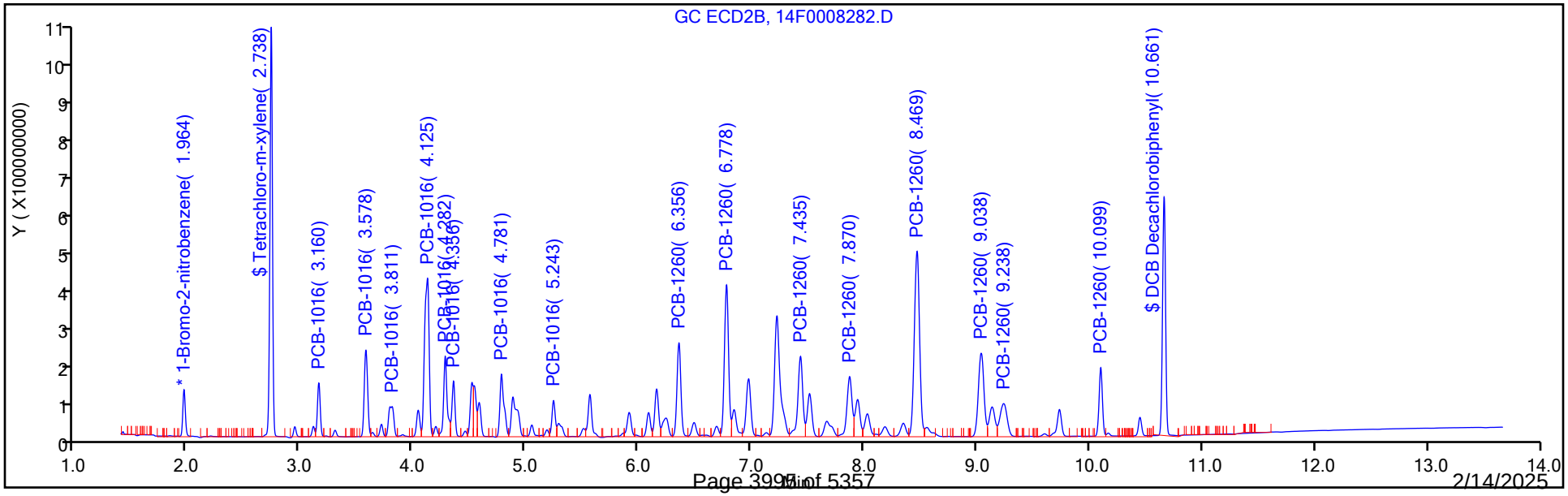
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 10:52:53 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC PCB | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

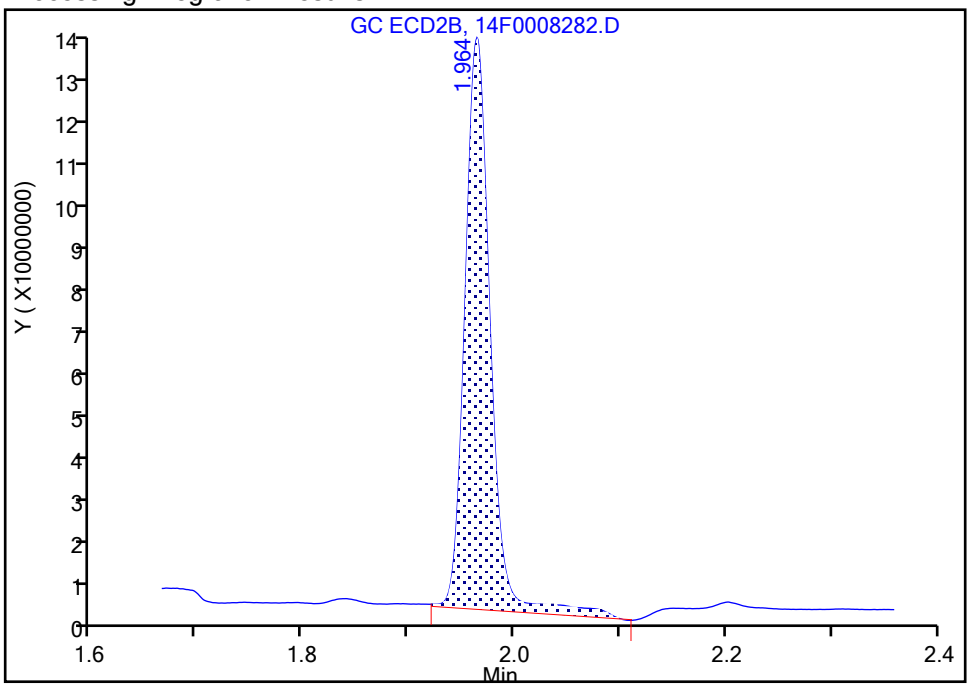
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

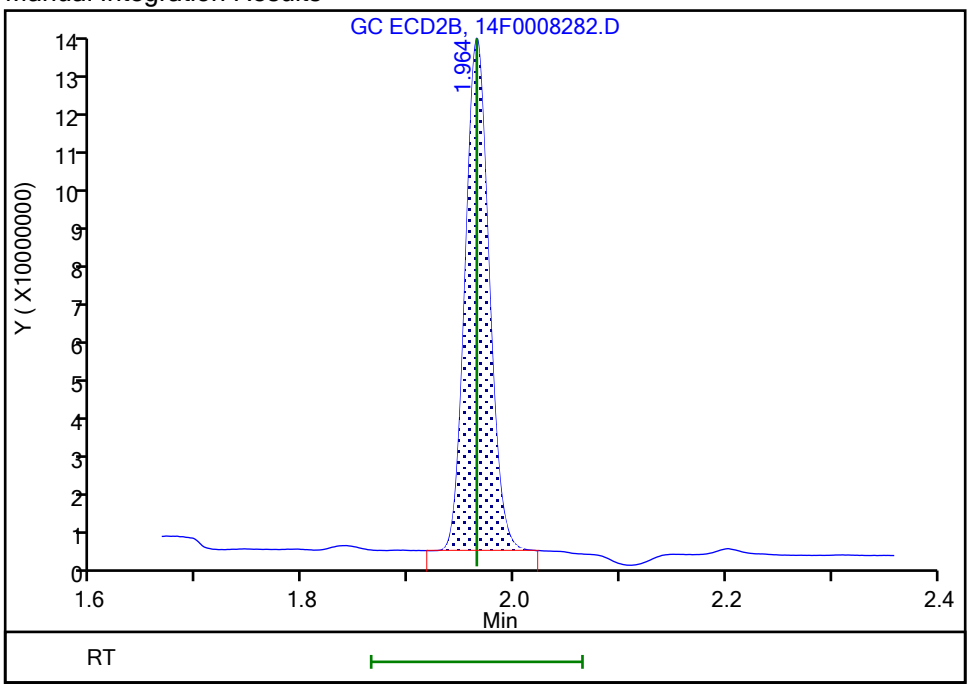
Processing Integration Results

RT: 1.96
Area: 200196934
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 184712945
Amount: 20.000000
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 11:18:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Manual Integration/User Assign Peak Report

Eurofins Edison

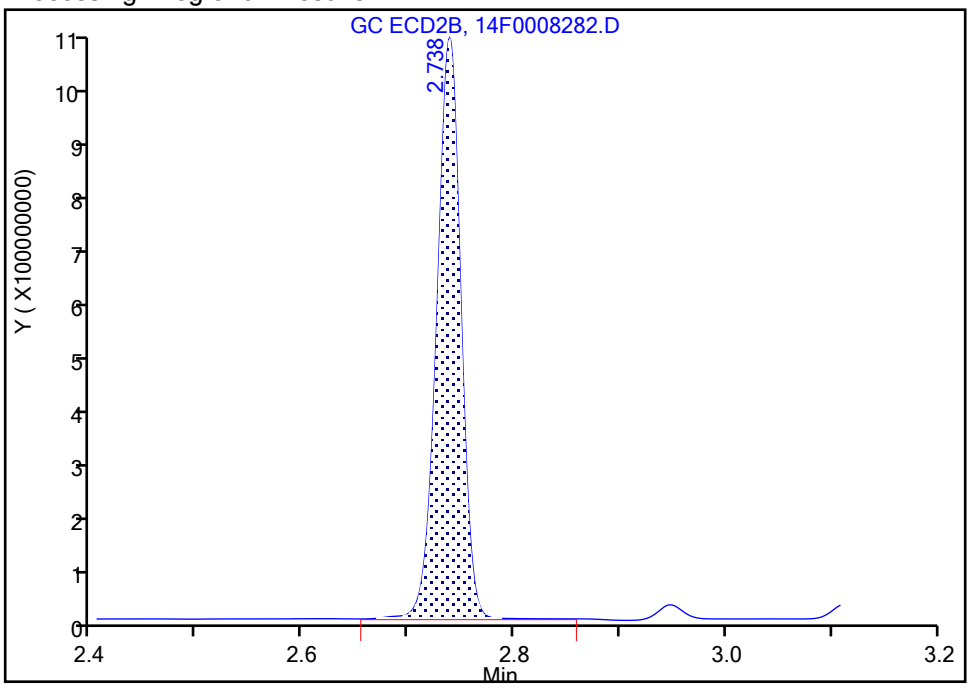
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## $ 2 Tetrachloro-m-xylene, CAS: 877-09-8

Signal: 2

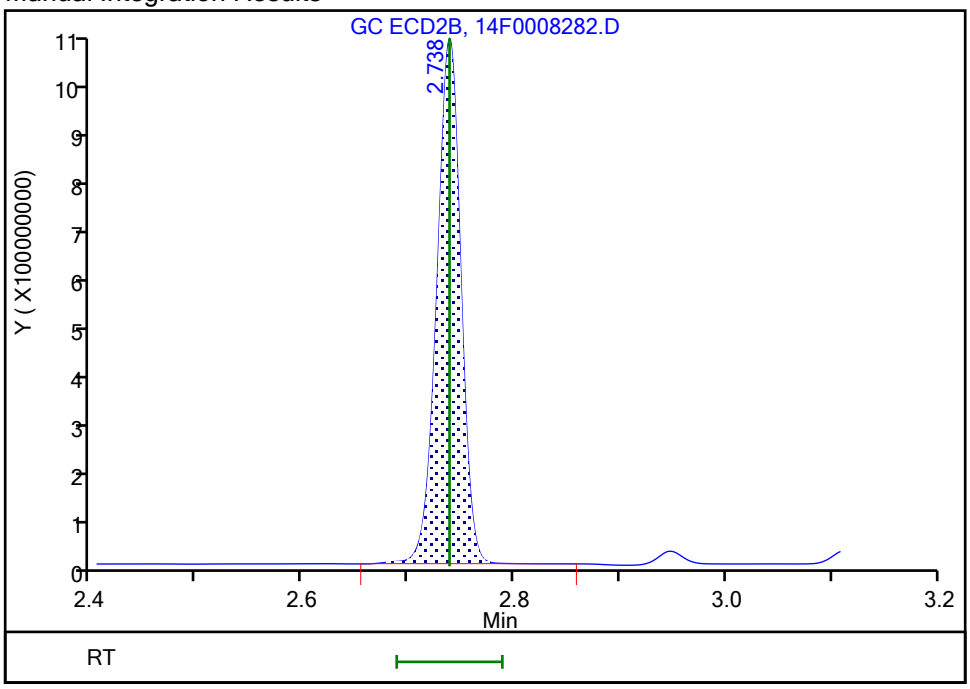
Processing Integration Results

RT: 2.74
Area: 1649922780
Amount: 151.8983
Amount Units: ug/l




Manual Integration Results

RT: 2.74
Area: 1645776553
Amount: 162.1924
Amount Units: ug/l



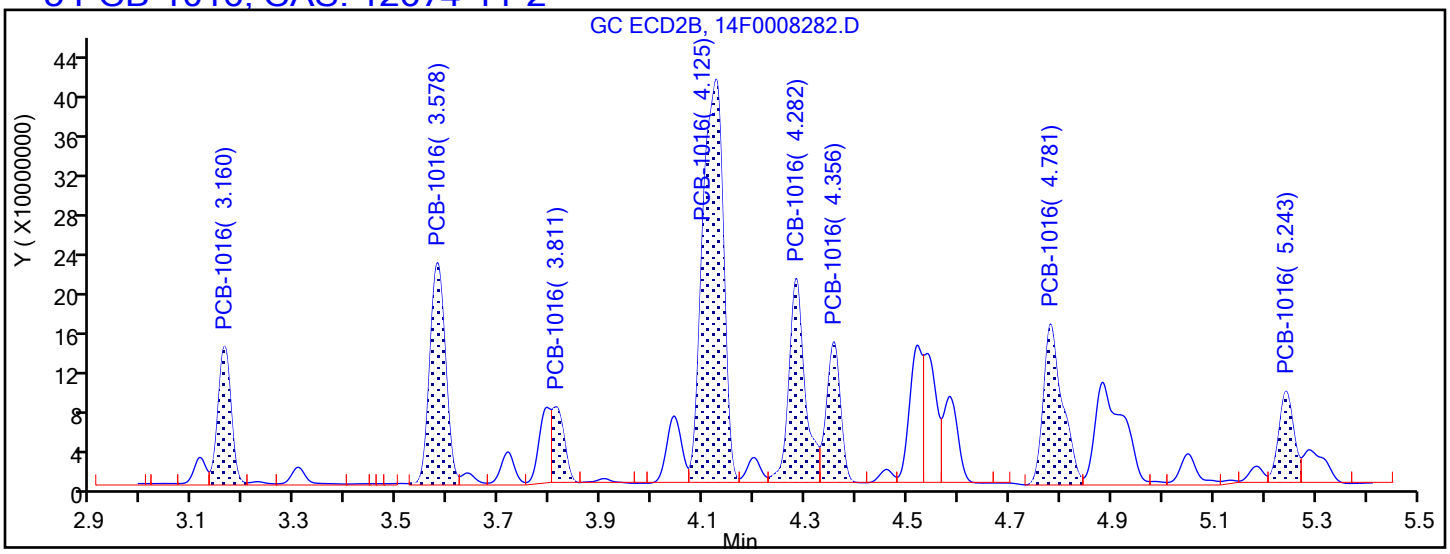

Reviewer: OR9X, 23-Oct-2024 11:18:20 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:05 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

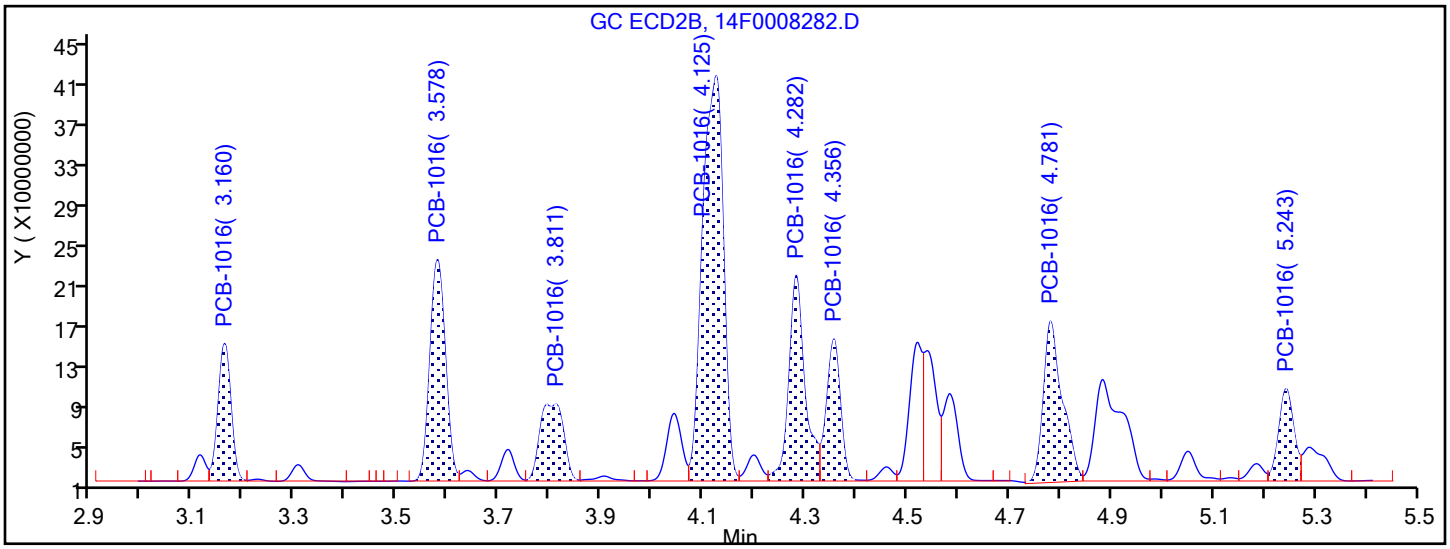
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.160 | Response = 247003128 |
| 3.578 | Response = 466541885 |
| 3.811 | Response = 126824184 |
| 4.125 | Response = 1137885165 |
| 4.282 | Response = 446524829 |
| 4.356 | Response = 266515282 |
| 4.781 | Response = 411442960 |
| 5.243 | Response = 190628386 |




Manual Integration Results

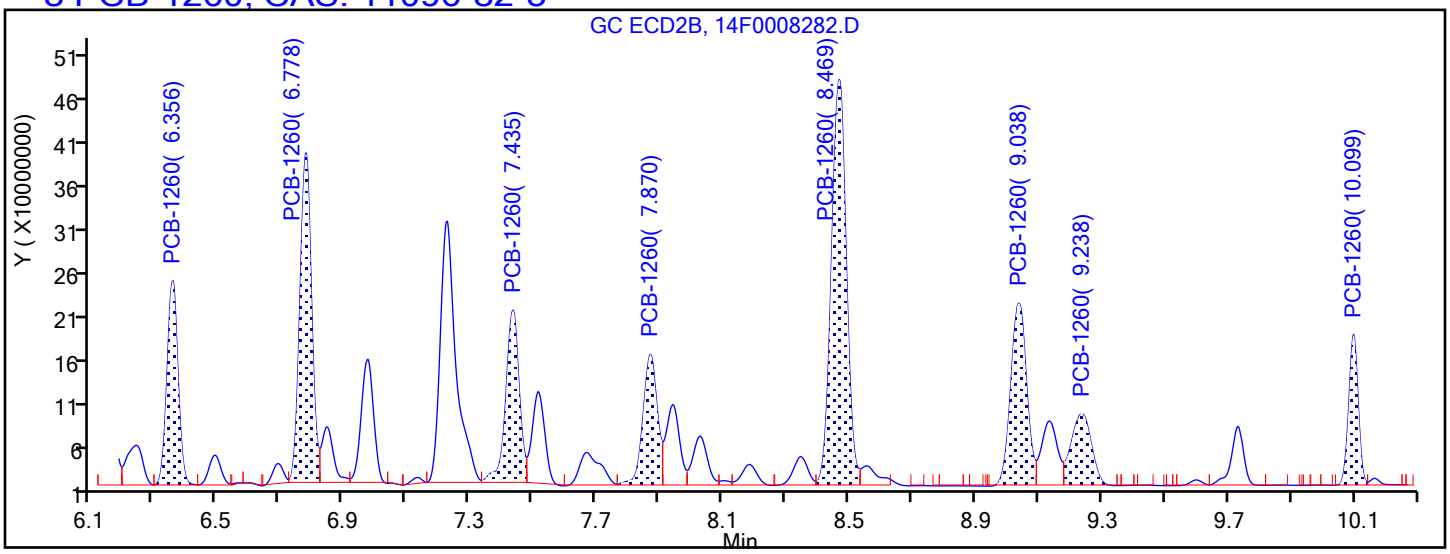
| | | |
|---|---|---|
| 3.160 | Response = 242363564 | M |
| 3.578 | Response = 467081301 | M |
| 3.811 | Response = 249232318 | M |
| 4.125 | Response = 1140399231 | M |
| 4.282 | Response = 449587837 | M |
| 4.356 | Response = 269352710 | M |

Report Date: 23-Oct-2024 14:02:05 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

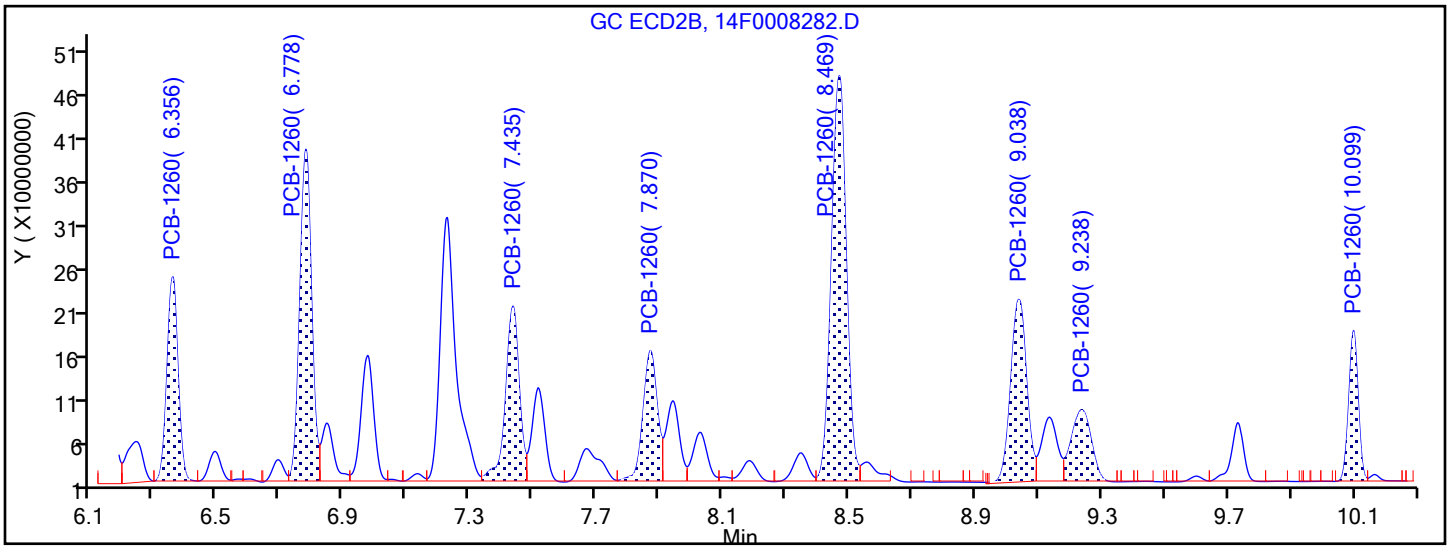
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008282.D
Injection Date: 23-Oct-2024 10:52:53 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.356 | Response = 570472132 |
| 6.778 | Response = 978821749 |
| 7.435 | Response = 594811466 |
| 7.870 | Response = 471250824 |
| 8.469 | Response = 1526926058 |
| 9.038 | Response = 743278326 |
| 9.238 | Response = 372785524 |
| 10.099 | Response = 357044467 |




Manual Integration Results

| | | |
|---|---|---|
| 6.356 | Response = 582157470 | M |
| 6.778 | Response = 1004467329 | M |
| 7.435 | Response = 627164942 | M |
| 7.870 | Response = 485318925 | M |
| 8.469 | Response = 1547225456 | M |
| 9.038 | Response = 743278326 | |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Oct-2024 11:10:06 ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-006
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:15 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:49:19

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.293 | 0.001 | 83406584 | 20.0 | 20.0 | |
| 2 | 1.962 | 1.964 | -0.002 | 187062629 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.400 | 3.398 | 0.002 | 742605389 | 200.0 | 187.1 | |
| 2 | 2.737 | 2.738 | -0.001 | 1989911665 | 200.0 | 193.6 | |
| | | | | | | RPD = 3.45 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.075 | 4.073 | 0.002 | 153450104 | 2500.0 | 2215.3 | |
| 1 | 4.618 | 4.616 | 0.002 | 343667962 | 2500.0 | 2286.5 | M |
| 1 | 5.221 | 5.219 | 0.002 | 754076677 | 2500.0 | 2341.8 | M |
| 1 | 5.396 | 5.394 | 0.002 | 287250058 | 2500.0 | 2297.6 | M |
| 1 | 5.537 | 5.534 | 0.003 | 183769146 | 2500.0 | 2345.6 | M |
| 1 | 6.062 | 6.058 | 0.004 | 236587650 | 2500.0 | 2316.7 | M |
| 1 | 6.243 | 6.241 | 0.002 | 238497414 | 2500.0 | 2203.2 | M |
| 1 | 6.718 | 6.716 | 0.002 | 158181721 | 2500.0 | 2047.8 | M |
| | | Average of Peak Amounts = | | | | 2256.8 | |
| 2 | 3.158 | 3.161 | -0.003 | 347505140 | 2500.0 | 2154.3 | |
| 2 | 3.576 | 3.578 | -0.002 | 708150712 | 2500.0 | 2346.9 | M |
| 2 | 3.811 | 3.813 | -0.002 | 469397762 | 2500.0 | 2479.4 | M |
| 2 | 4.123 | 4.124 | -0.001 | 1747767180 | 2500.0 | 2468.0 | M |
| 2 | 4.281 | 4.283 | -0.002 | 682804591 | 2500.0 | 2395.5 | M |
| 2 | 4.355 | 4.356 | -0.001 | 419202682 | 2500.0 | 2420.5 | M |
| 2 | 4.778 | 4.781 | -0.003 | 679304407 | 2500.0 | 2411.7 | M |
| 2 | 5.243 | 5.244 | -0.001 | 289837865 | 2500.0 | 2158.8 | M |
| | | Average of Peak Amounts = | | | | 2354.4 | |
| | | | | | | RPD = 4.23 | |
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.951 | 7.947 | 0.004 | 208819304 | 2500.0 | 2188.9 | M |
| 1 | 8.270 | 8.263 | 0.007 | 433654439 | 2500.0 | 2129.6 | M |
| 1 | 8.704 | 8.698 | 0.006 | 528080758 | 2500.0 | 2189.1 | M |
| 1 | 9.642 | 9.636 | 0.006 | 371027392 | 2500.0 | 2327.7 | M |
| 1 | 10.076 | 10.070 | 0.006 | 369147932 | 2500.0 | 2337.9 | M |
| 1 | 10.395 | 10.389 | 0.006 | 855462459 | 2500.0 | 2426.2 | M |
| 1 | 10.811 | 10.803 | 0.008 | 567425724 | 2500.0 | 2430.1 | |
| 1 | 11.392 | 11.383 | 0.009 | 231472553 | 2500.0 | 2584.9 | |
| | | Average of Peak Amounts = | | | | 2326.8 | |
| 2 | 6.357 | 6.357 | 0.000 | 956957925 | 2500.0 | 2310.4 | M |
| 2 | 6.779 | 6.776 | 0.003 | 1550469984 | 2500.0 | 2300.6 | M |
| 2 | 7.436 | 7.433 | 0.003 | 974093594 | 2500.0 | 2391.5 | M |
| 2 | 7.870 | 7.866 | 0.004 | 1004282744 | 2500.0 | 2554.6 | M |
| 2 | 8.469 | 8.463 | 0.006 | 2427188452 | 2500.0 | 2442.0 | M |
| 2 | 9.037 | 9.033 | 0.004 | 1166660494 | 2500.0 | 2325.3 | M |
| 2 | 9.230 | 9.226 | 0.004 | 672499722 | 2500.0 | 2610.9 | M |
| 2 | 10.103 | 10.100 | 0.003 | 589305765 | 2500.0 | 2554.1 | M |
| | | Average of Peak Amounts = | | | | 2436.2 | |
| | | | | | | RPD = 4.59 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.951 | 11.942 | 0.009 | 530760988 | 200.0 | 193.1 | |
| 2 | 10.670 | 10.664 | 0.006 | 1395189867 | 200.0 | 193.2 | |
| | | | | | | RPD = 0.06 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 4583.6 | |

## QC Flag Legend

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1660L5_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:02:16 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D

Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14 Operator ID:

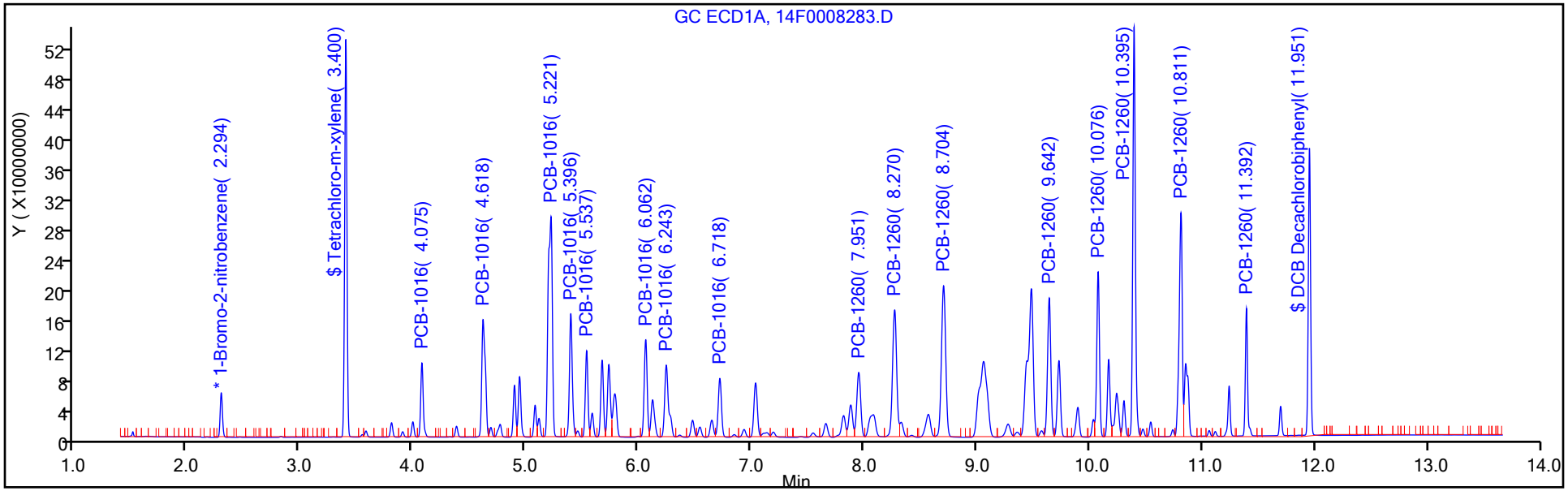
Lims ID: IC PCB Worklist Smp#: 6

Client ID:

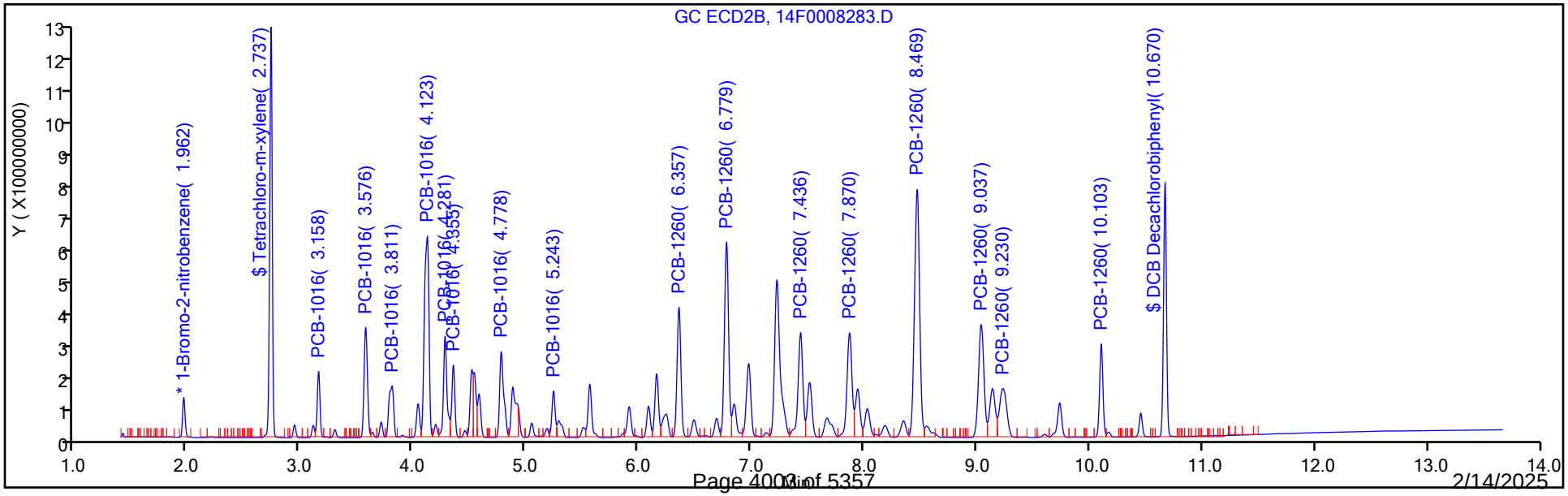
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Manual Integration/User Assign Peak Report

Eurofins Edison

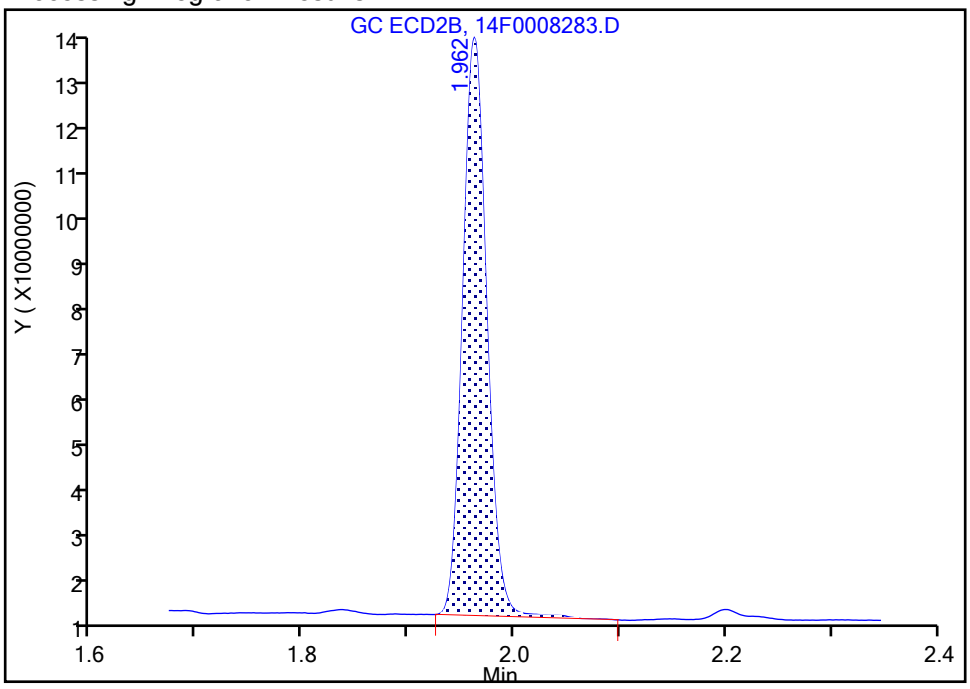
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

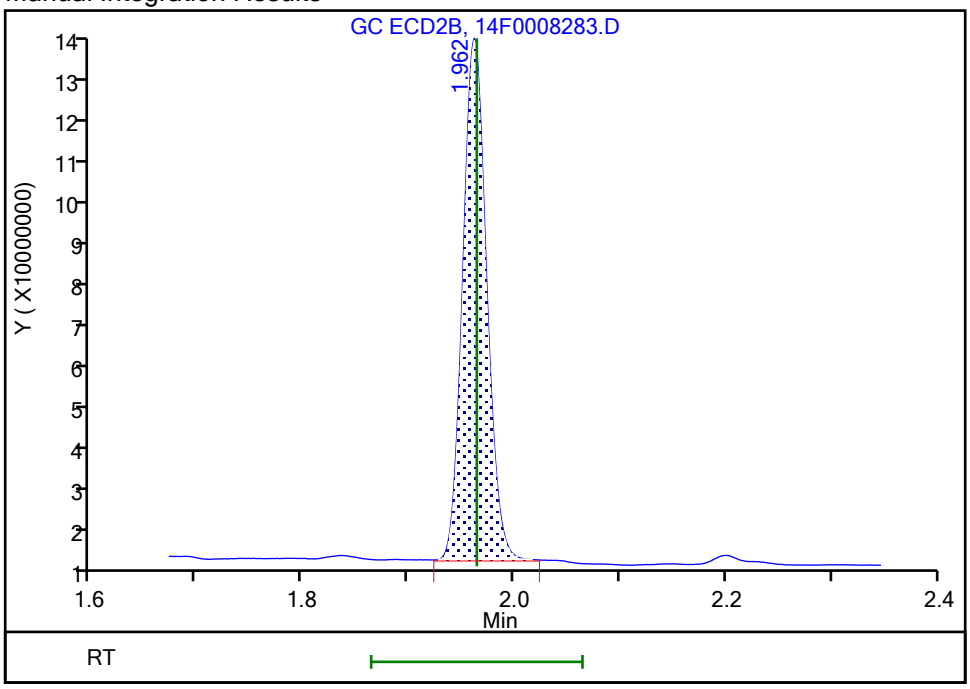
Processing Integration Results

RT: 1.96
Area: 190020053
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 187062629
Amount: 20.000000
Amount Units: ug/l



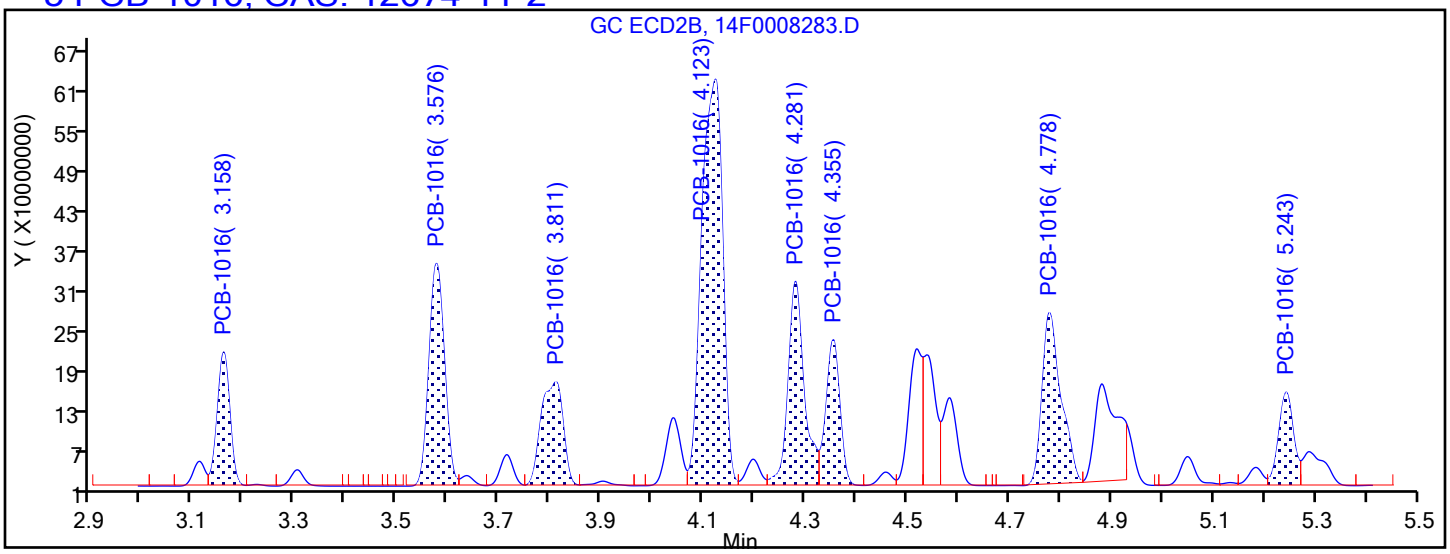

Reviewer: OR9X, 23-Oct-2024 11:48:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:16 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

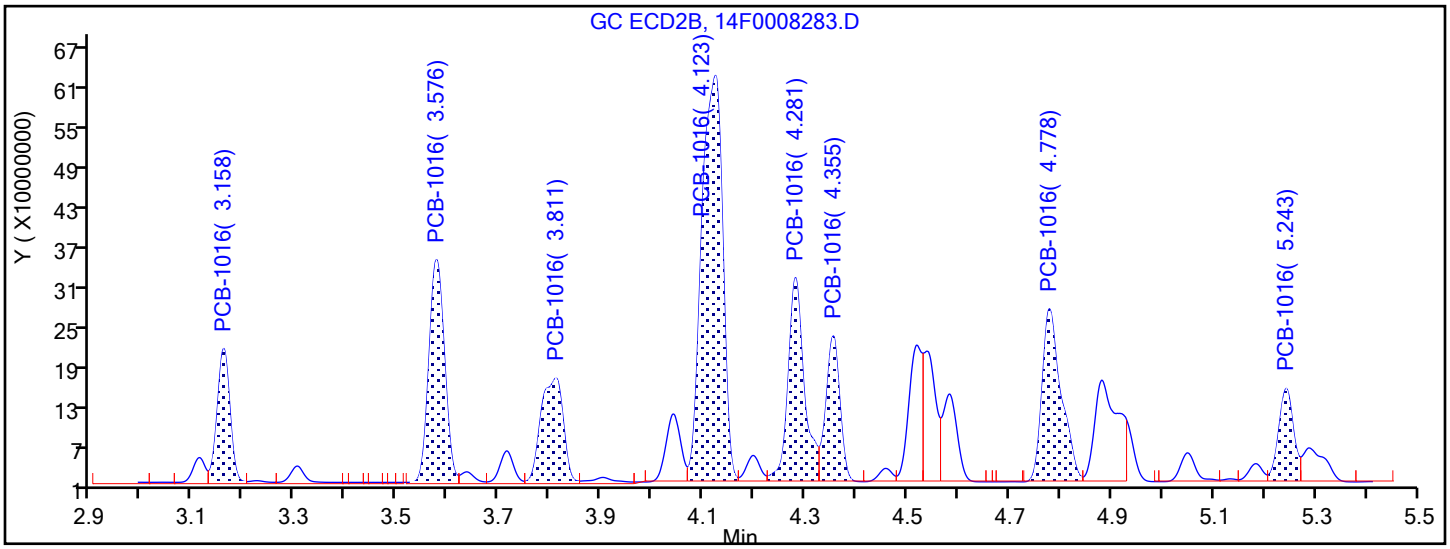
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.158 | Response = 347505140 |
| 3.576 | Response = 707200754 |
| 3.811 | Response = 466092385 |
| 4.123 | Response = 1744296936 |
| 4.281 | Response = 678734195 |
| 4.355 | Response = 415421708 |
| 4.778 | Response = 655973139 |
| 5.243 | Response = 287682693 |




Manual Integration Results

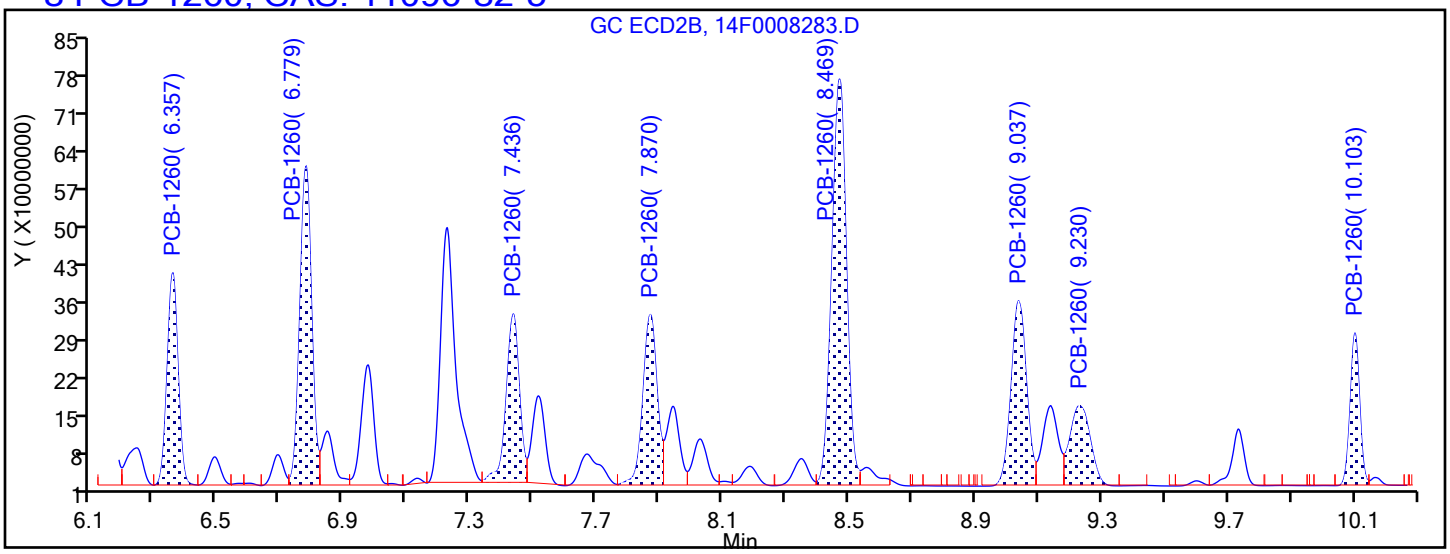
| | | |
|---|---|---|
| 3.158 | Response = 347505140 | |
| 3.576 | Response = 708150712 | M |
| 3.811 | Response = 469397762 | M |
| 4.123 | Response = 1747767180 | M |
| 4.281 | Response = 682804591 | M |
| 4.355 | Response = 419202682 | M |

Report Date: 23-Oct-2024 14:02:16 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

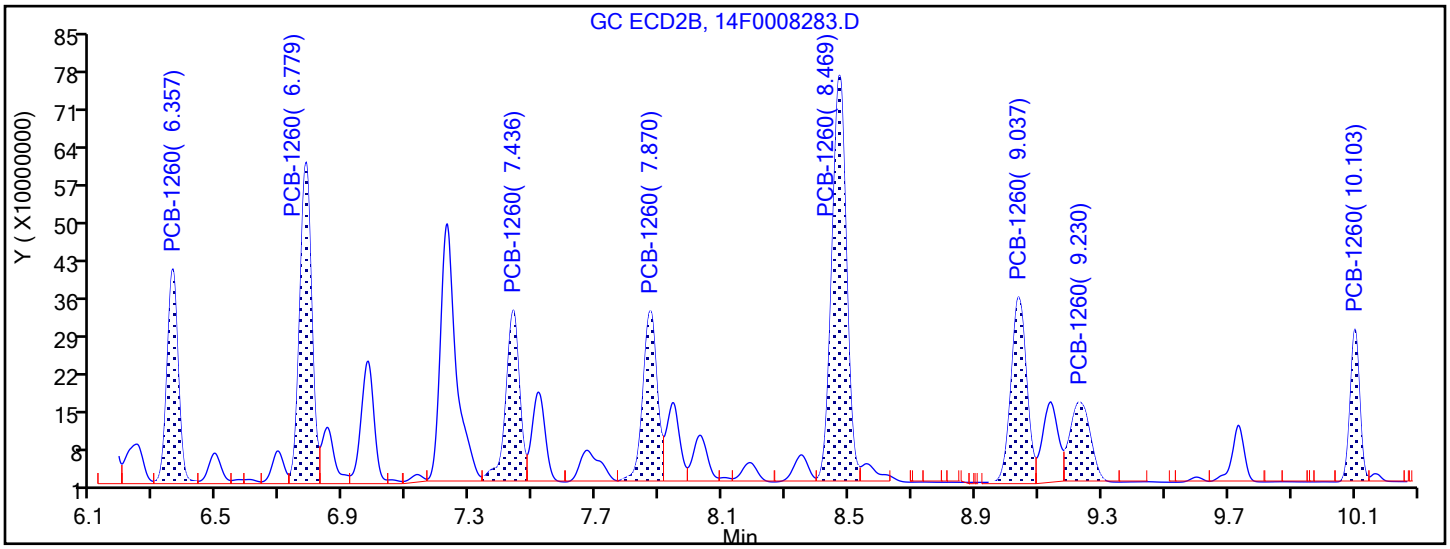
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008283.D
Injection Date: 23-Oct-2024 11:10:06 Instrument ID: CPESTGC14
Lims ID: IC PCB
Client ID:
Operator ID: ALS Bottle#: 9 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.357 | Response = 947640750 |
| 6.779 | Response = 1535062683 |
| 7.436 | Response = 929137497 |
| 7.870 | Response = 983302961 |
| 8.469 | Response = 2400991392 |
| 9.037 | Response = 1165519712 |
| 9.230 | Response = 670000827 |
| 10.103 | Response = 586766824 |




Manual Integration Results

| | | |
|---|---|---|
| 6.357 | Response = 956957925 | M |
| 6.779 | Response = 1550469984 | M |
| 7.436 | Response = 974093594 | M |
| 7.870 | Response = 1004282744 | M |
| 8.469 | Response = 2427188452 | M |
| 9.037 | Response = 1166660494 | M |

## Calibration / Tetrachloro-m-xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

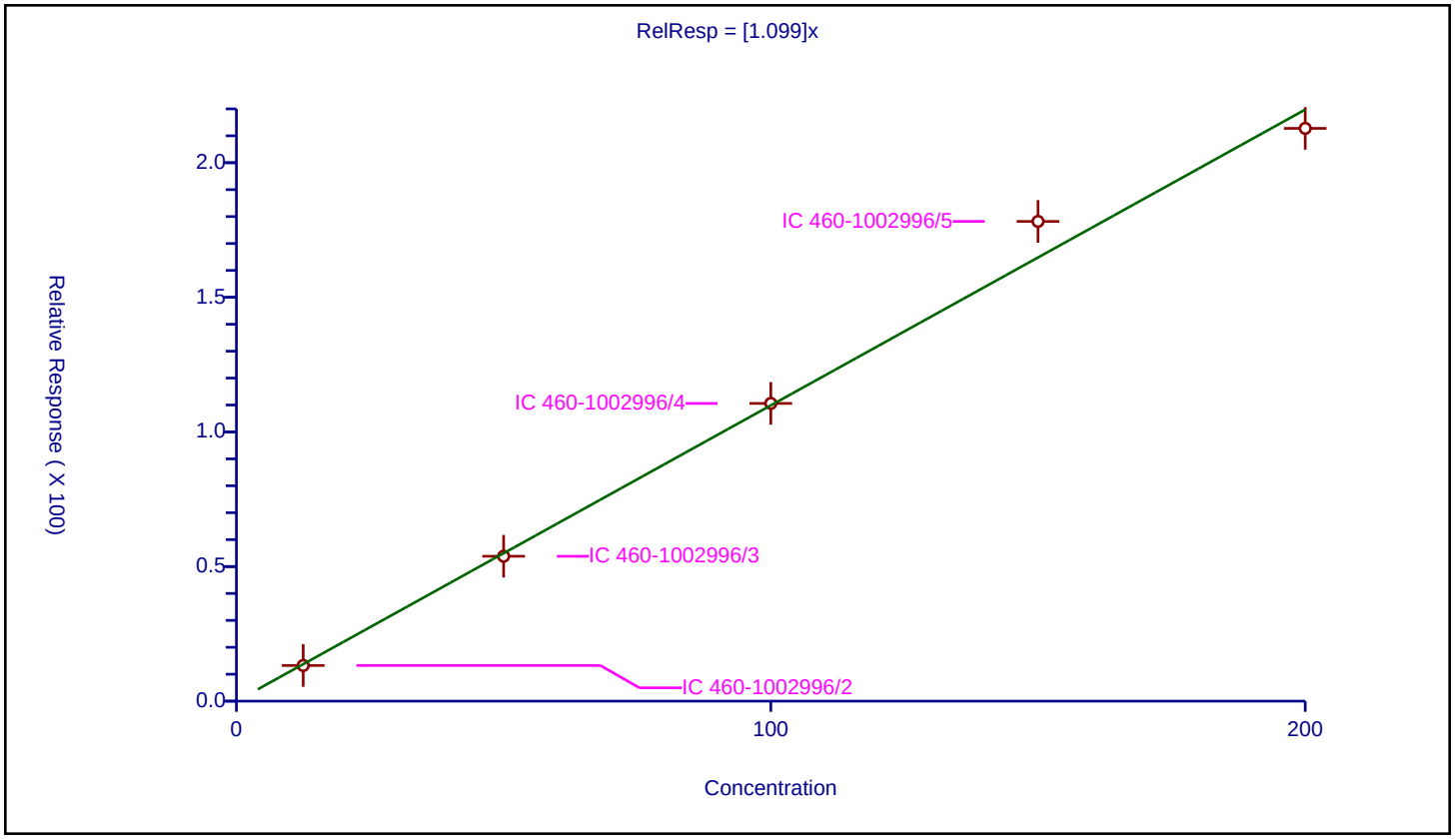
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.099 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 12.5 | 13.240186 | 20.0 | 190060057.0 | 1.059215 | Y |
| 2 | IC 460-1002996/3 | 50.0 | 53.824981 | 20.0 | 183509090.0 | 1.0765 | Y |
| 3 | IC 460-1002996/4 | 100.0 | 110.595312 | 20.0 | 175462676.0 | 1.105953 | Y |
| 4 | IC 460-1002996/5 | 150.0 | 178.198291 | 20.0 | 184712945.0 | 1.187989 | Y |
| 5 | IC 460-1002996/6 | 200.0 | 212.753523 | 20.0 | 187062629.0 | 1.063768 | Y |



## Calibration / PCB-1016 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

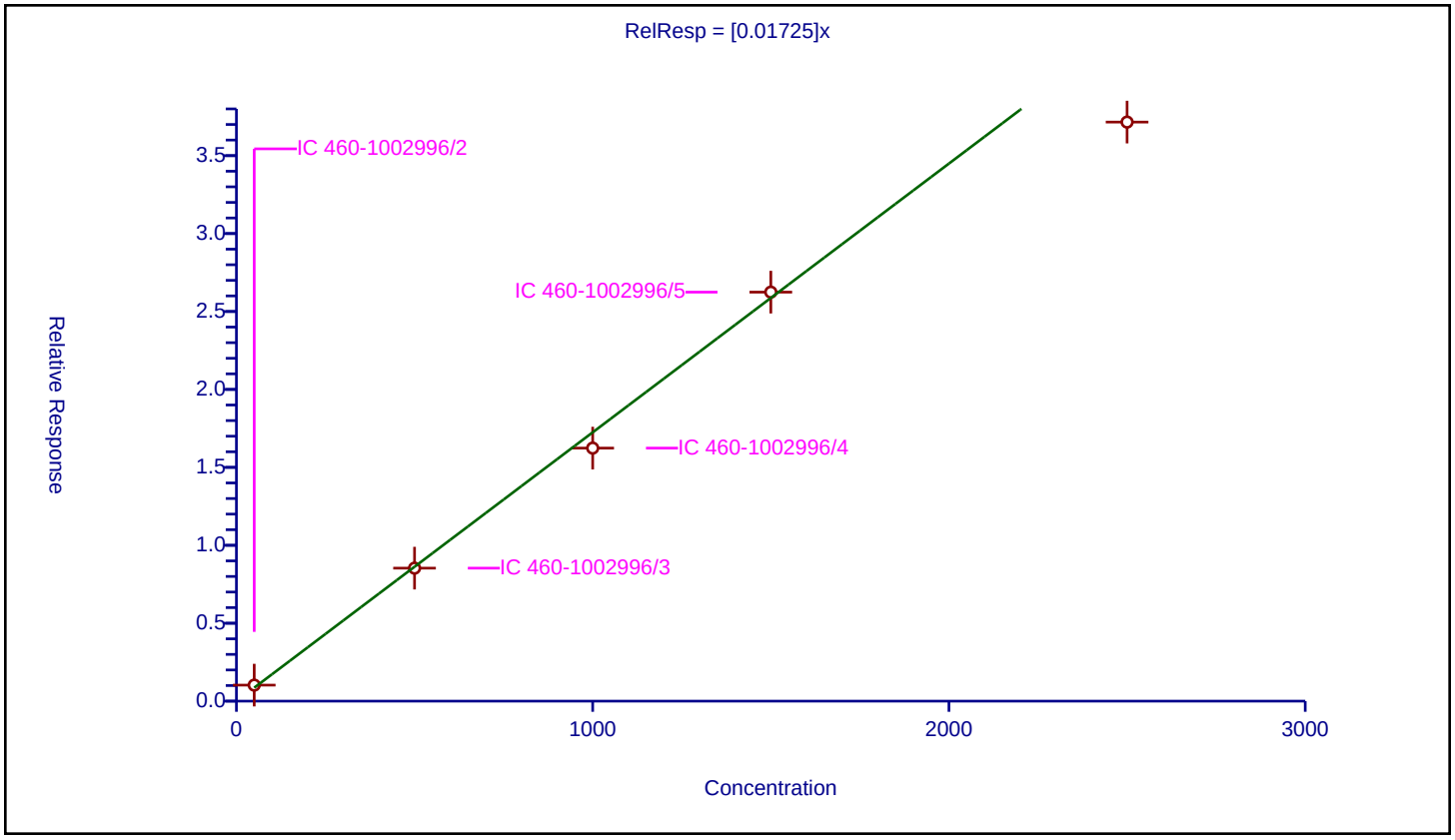
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01725 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.028609 | 20.0 | 190060057.0 | 0.020572 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 8.532908 | 20.0 | 183509090.0 | 0.017066 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 16.235931 | 20.0 | 175462676.0 | 0.016236 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 26.242185 | 20.0 | 184712945.0 | 0.017495 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 37.153882 | 20.0 | 187062629.0 | 0.014862 | Y |



## Calibration / PCB-1016 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

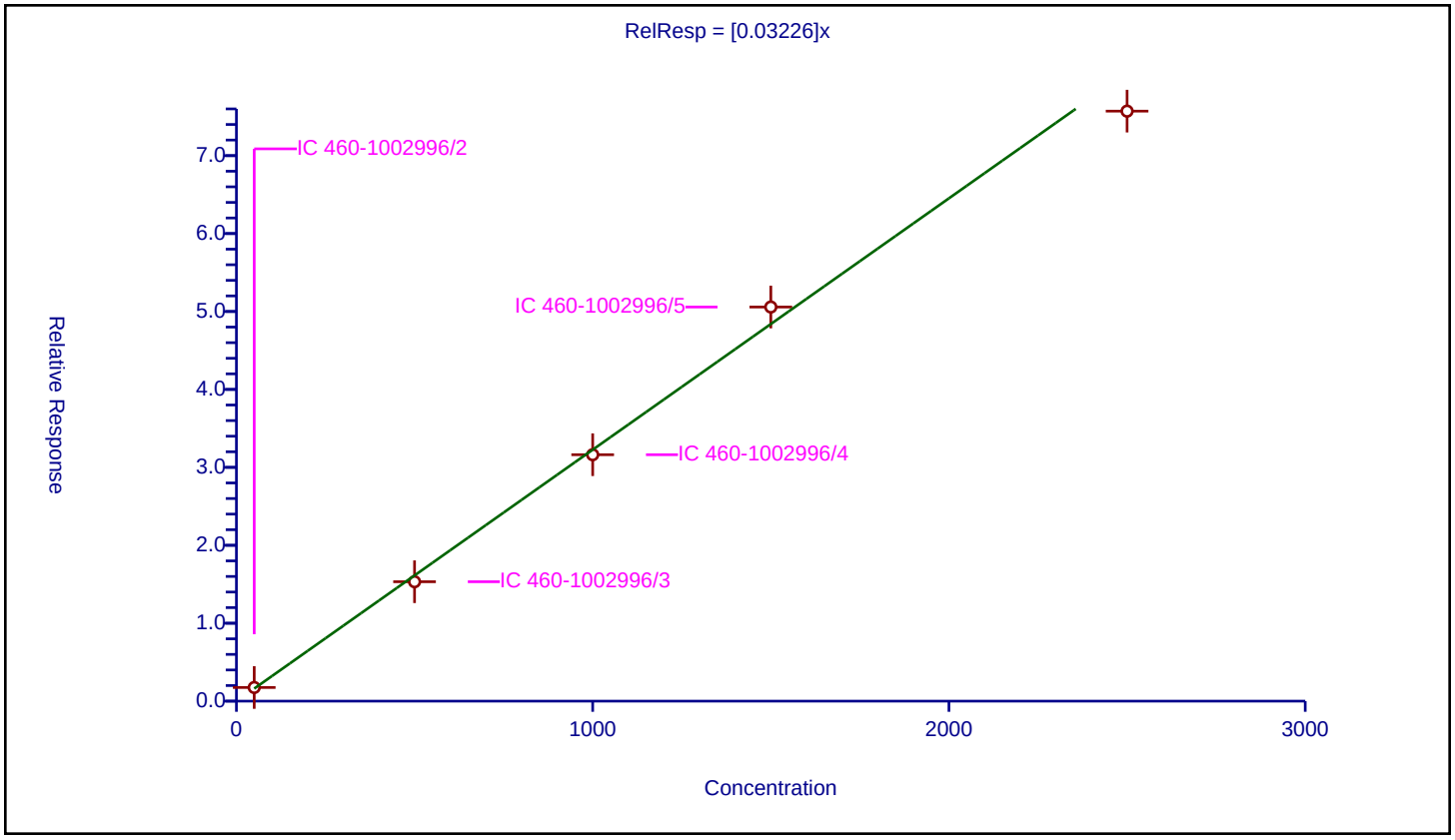
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03226 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.751758 | 20.0 | 190060057.0 | 0.035035 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 15.323192 | 20.0 | 183509090.0 | 0.030646 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 31.622182 | 20.0 | 175462676.0 | 0.031622 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 50.573748 | 20.0 | 184712945.0 | 0.033716 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 75.712687 | 20.0 | 187062629.0 | 0.030285 | Y |






2/14/2025
12:32:58 PM

## Calibration / PCB-1016 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

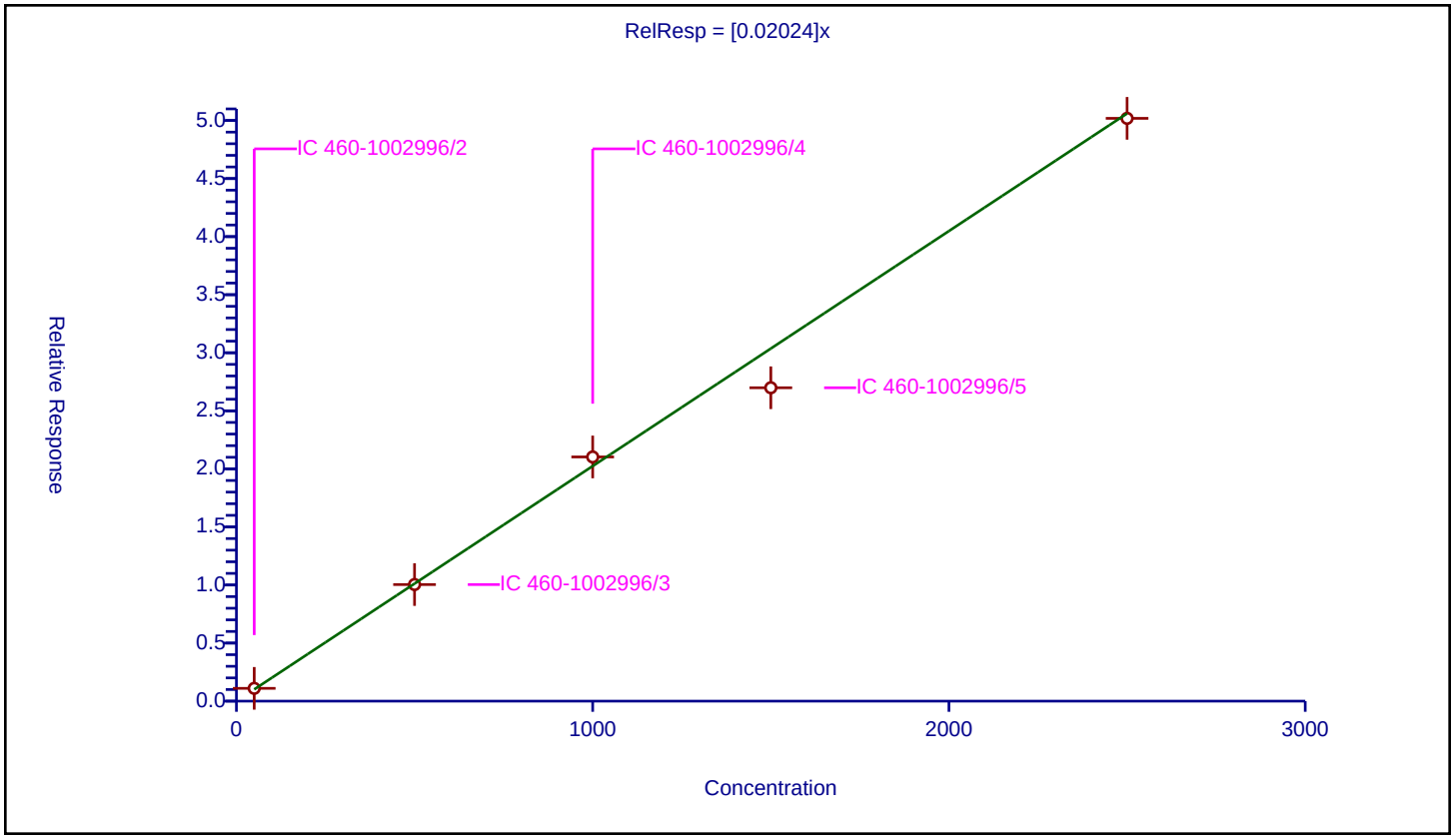
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02024 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.101635 | 20.0 | 190060057.0 | 0.022033 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 10.040524 | 20.0 | 183509090.0 | 0.020081 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 21.028101 | 20.0 | 175462676.0 | 0.021028 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 26.985907 | 20.0 | 184712945.0 | 0.017991 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 50.186161 | 20.0 | 187062629.0 | 0.020074 | Y |



## Calibration / PCB-1016 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

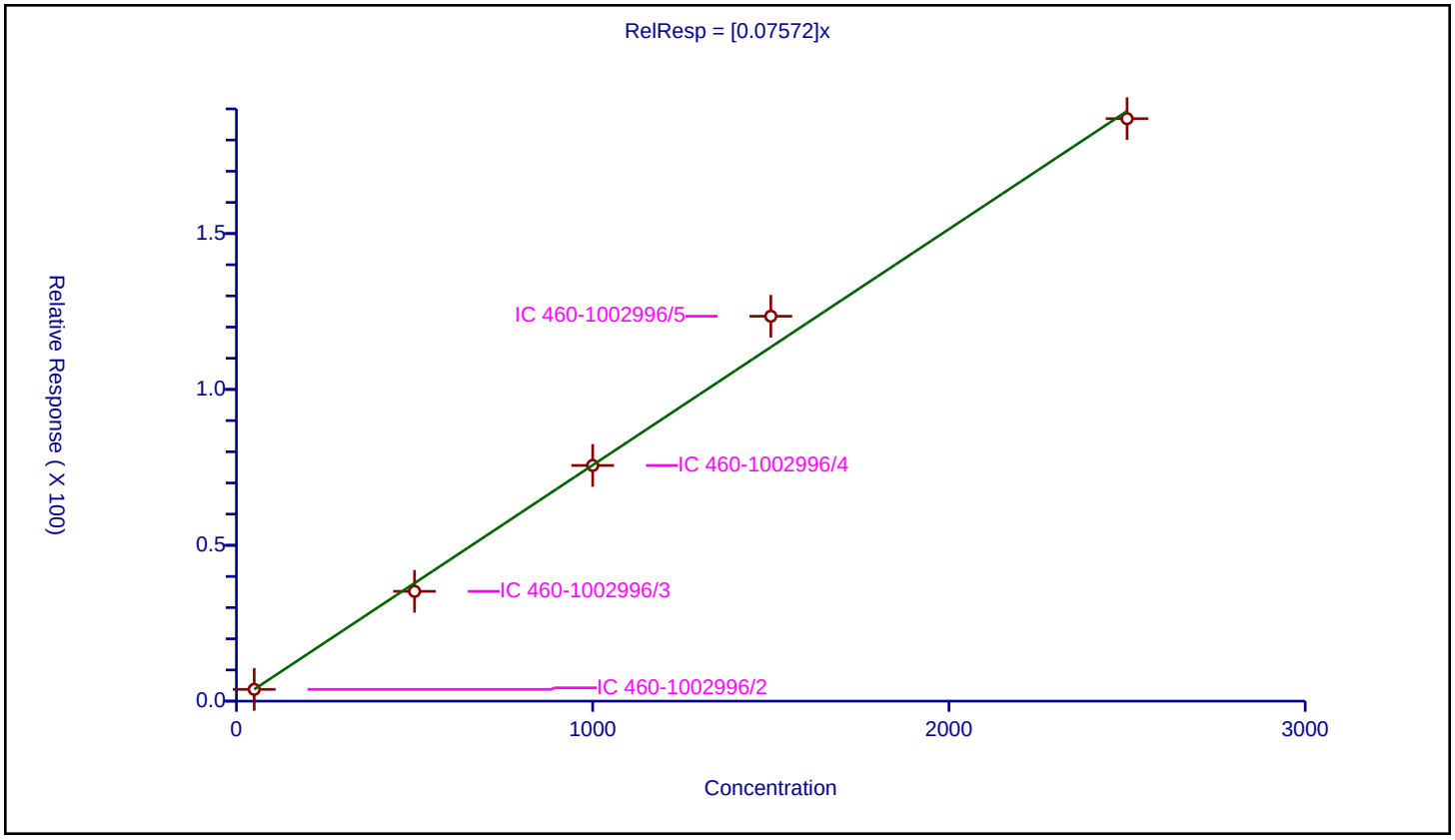
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07572 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 3.772928 | 20.0 | 190060057.0 | 0.075459 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 35.221623 | 20.0 | 183509090.0 | 0.070443 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 75.612031 | 20.0 | 175462676.0 | 0.075612 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 123.477998 | 20.0 | 184712945.0 | 0.082319 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 186.864388 | 20.0 | 187062629.0 | 0.074746 | Y |



## Calibration / PCB-1016 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

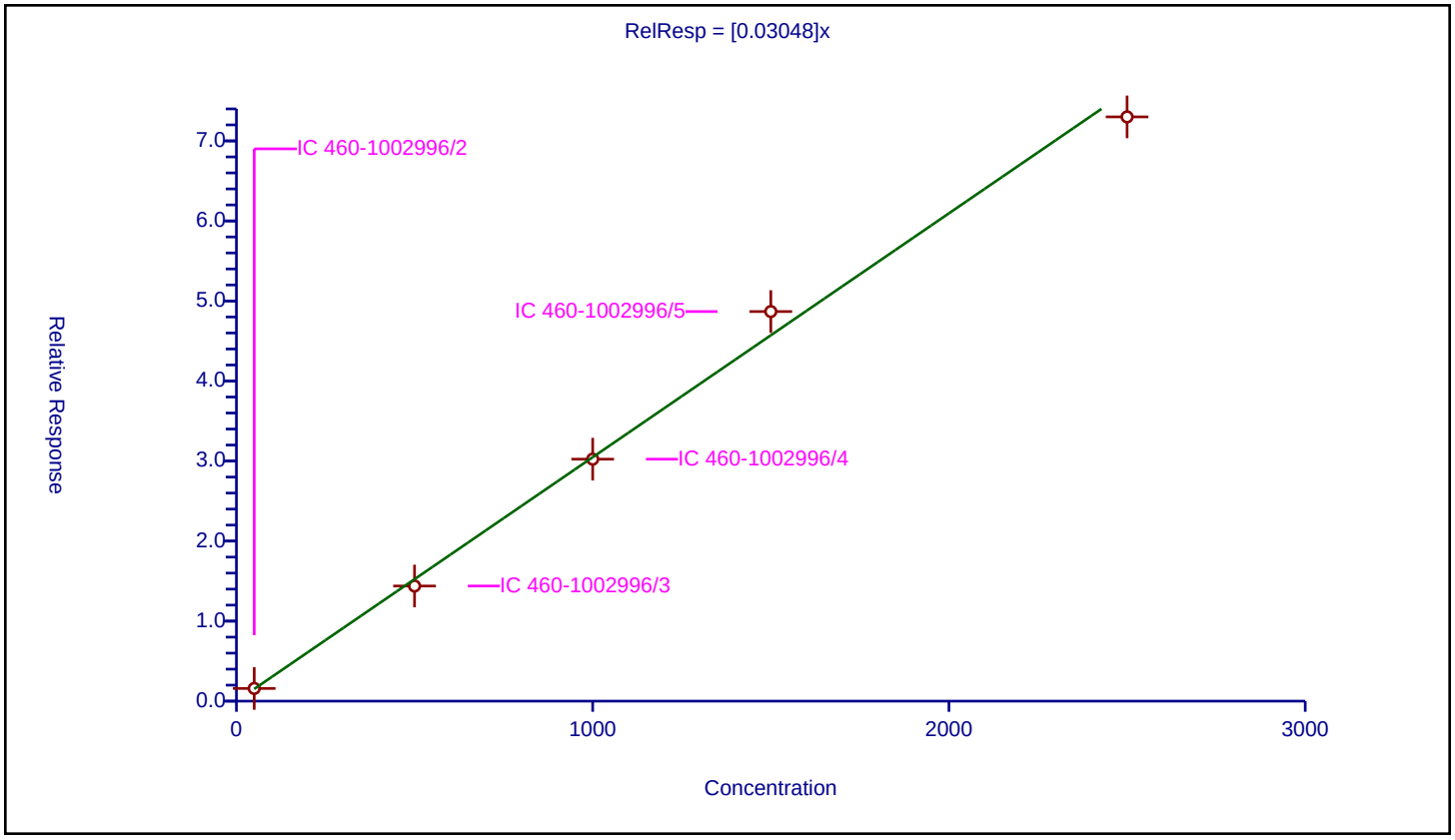
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03048 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.58591 | 20.0 | 190060057.0 | 0.031718 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 14.385036 | 20.0 | 183509090.0 | 0.02877 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 30.234647 | 20.0 | 175462676.0 | 0.030235 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 48.679624 | 20.0 | 184712945.0 | 0.032453 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 73.002779 | 20.0 | 187062629.0 | 0.029201 | Y |



## Calibration / PCB-1016 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

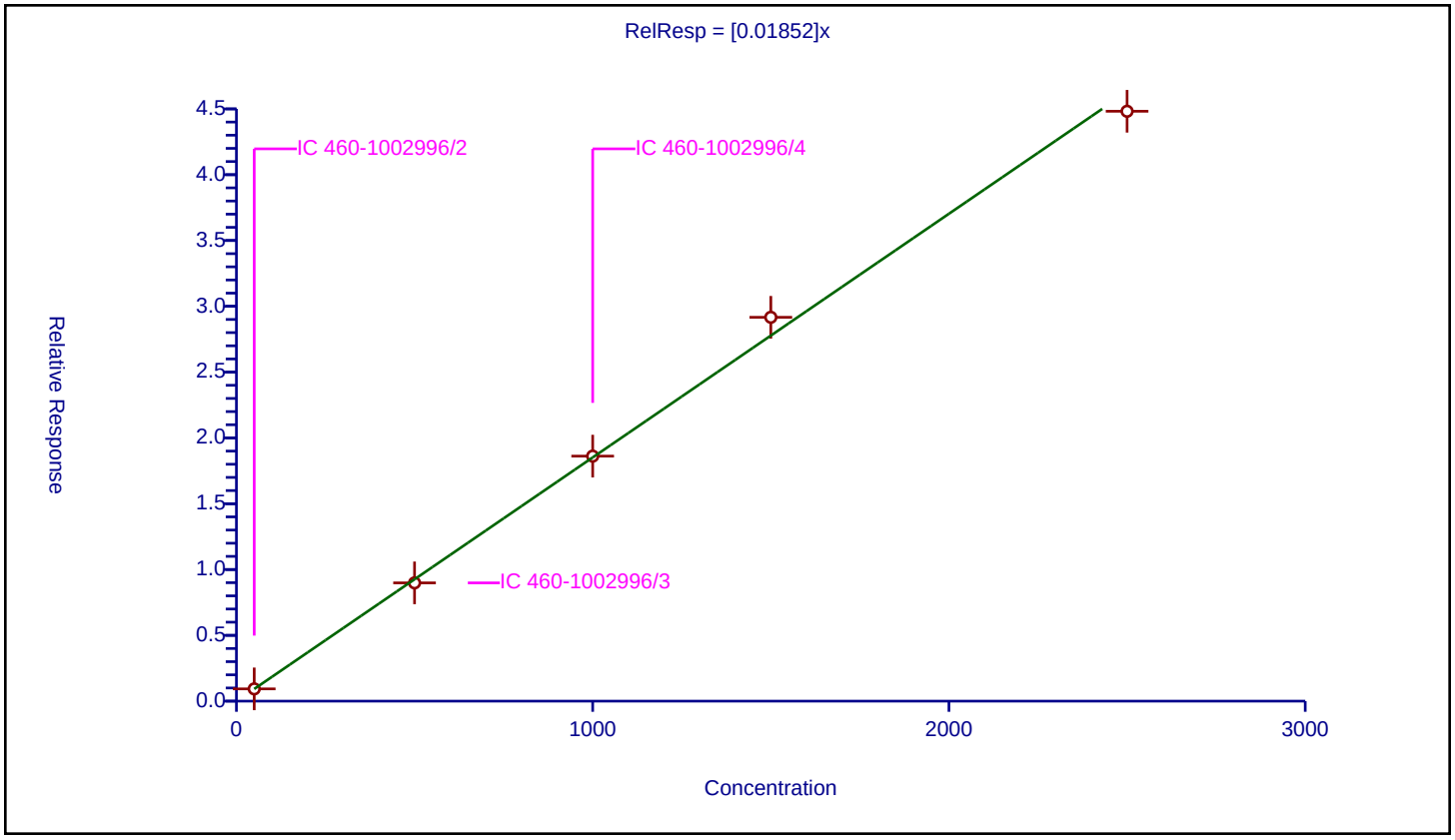
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01852 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 0.931107 | 20.0 | 190060057.0 | 0.018622 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 8.986237 | 20.0 | 183509090.0 | 0.017972 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 18.616037 | 20.0 | 175462676.0 | 0.018616 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 29.164465 | 20.0 | 184712945.0 | 0.019443 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 44.819501 | 20.0 | 187062629.0 | 0.017928 | Y |



## Calibration / PCB-1016 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

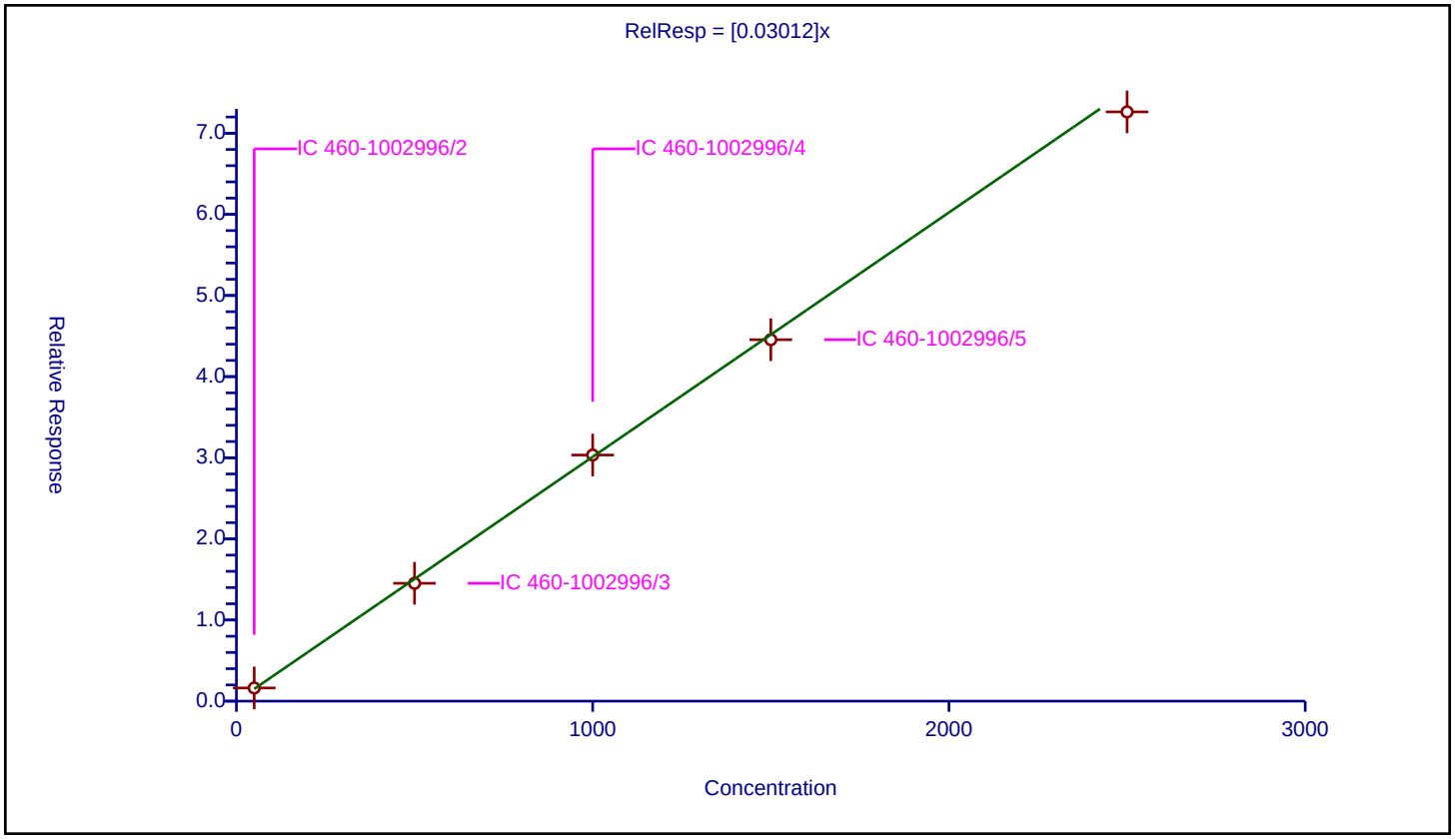
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03012 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.621767 | 20.0 | 190060057.0 | 0.032435 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 14.526654 | 20.0 | 183509090.0 | 0.029053 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 30.336194 | 20.0 | 175462676.0 | 0.030336 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 44.549445 | 20.0 | 184712945.0 | 0.0297 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 72.628553 | 20.0 | 187062629.0 | 0.029051 | Y |



## Calibration / PCB-1016 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

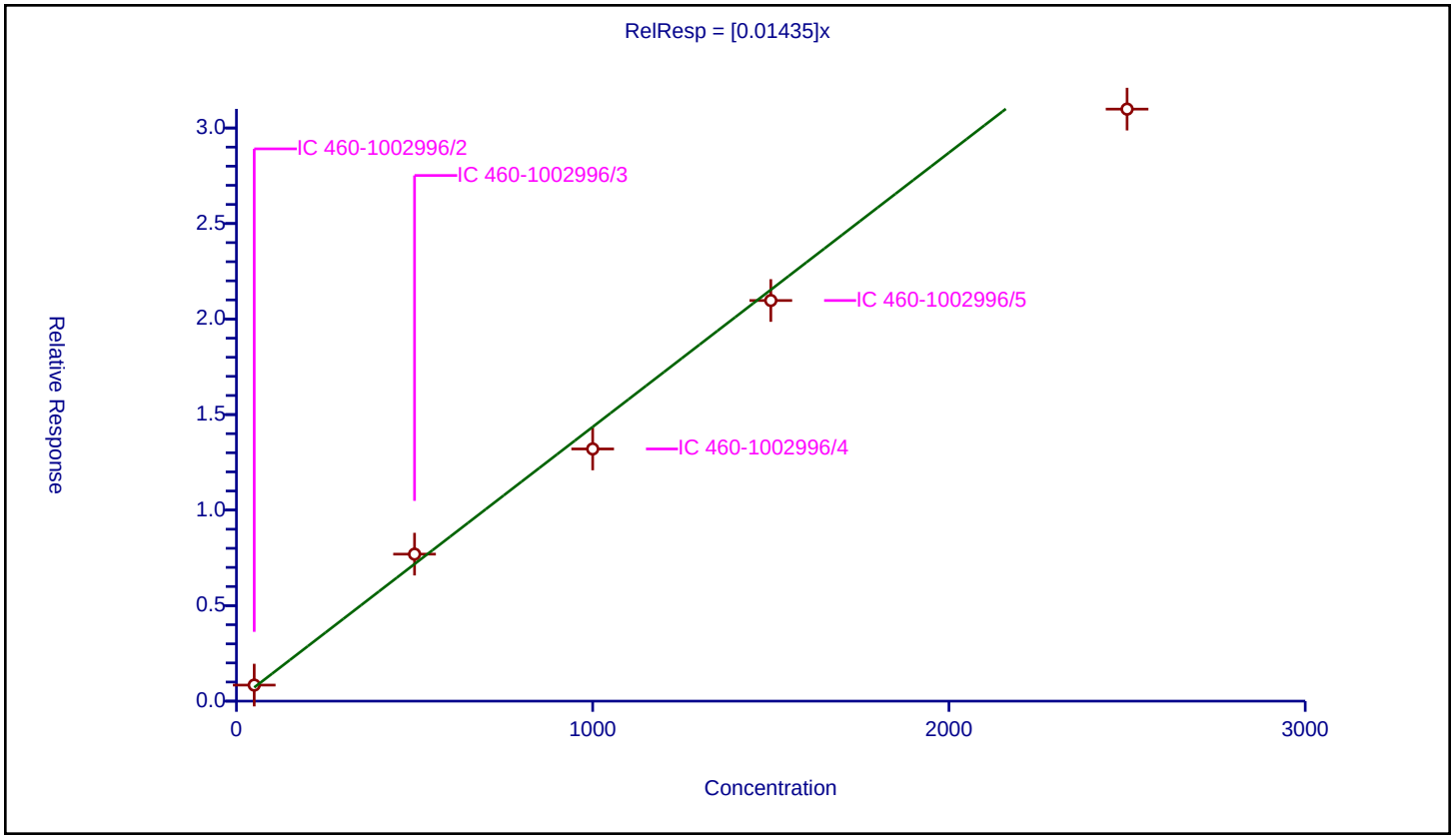
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01435 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 0.840306 | 20.0 | 190060057.0 | 0.016806 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 7.694251 | 20.0 | 183509090.0 | 0.015389 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 13.200439 | 20.0 | 175462676.0 | 0.0132 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 20.970775 | 20.0 | 184712945.0 | 0.013981 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 30.988324 | 20.0 | 187062629.0 | 0.012395 | Y |



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## Calibration / PCB-1260 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

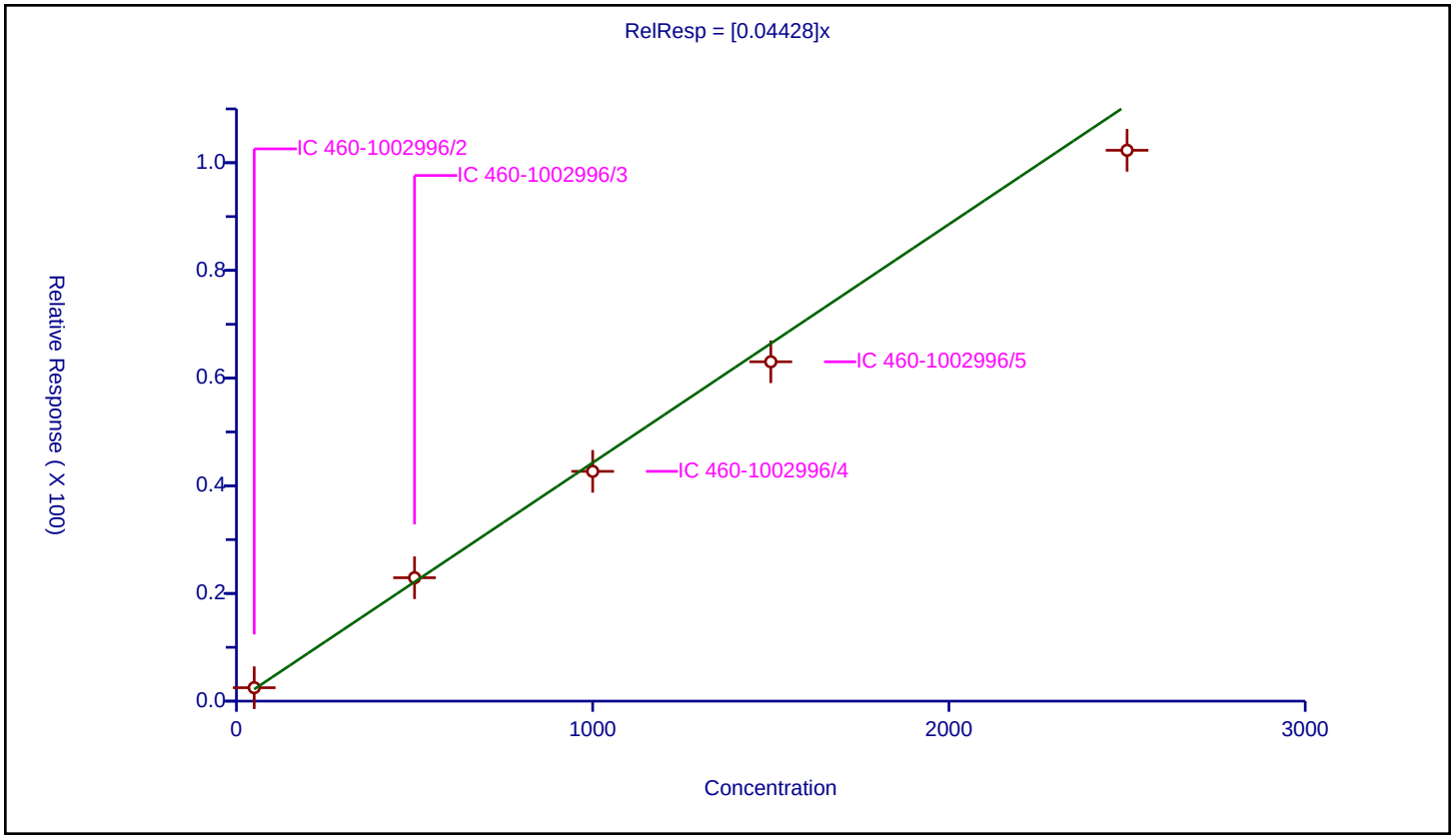
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04428 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.497676 | 20.0 | 190060057.0 | 0.049954 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 22.92217 | 20.0 | 183509090.0 | 0.045844 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 42.677425 | 20.0 | 175462676.0 | 0.042677 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 63.033749 | 20.0 | 184712945.0 | 0.042022 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 102.314175 | 20.0 | 187062629.0 | 0.040926 | Y |



## Calibration / PCB-1260 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

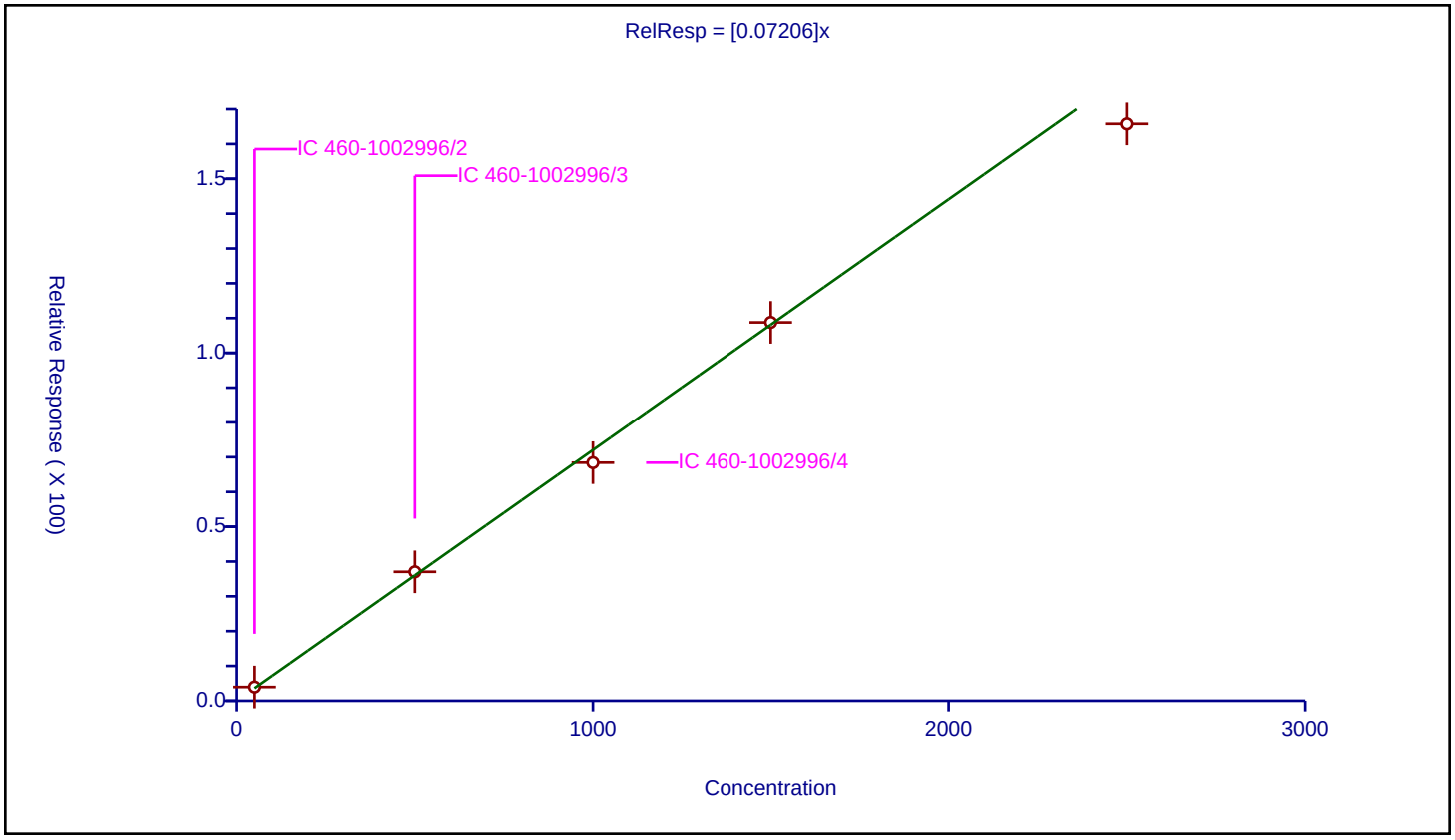
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.07206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 3.947575 | 20.0 | 190060057.0 | 0.078951 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 37.046257 | 20.0 | 183509090.0 | 0.074093 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 68.423798 | 20.0 | 175462676.0 | 0.068424 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 108.75982 | 20.0 | 184712945.0 | 0.072507 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 165.770148 | 20.0 | 187062629.0 | 0.066308 | Y |



## Calibration / PCB-1260 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

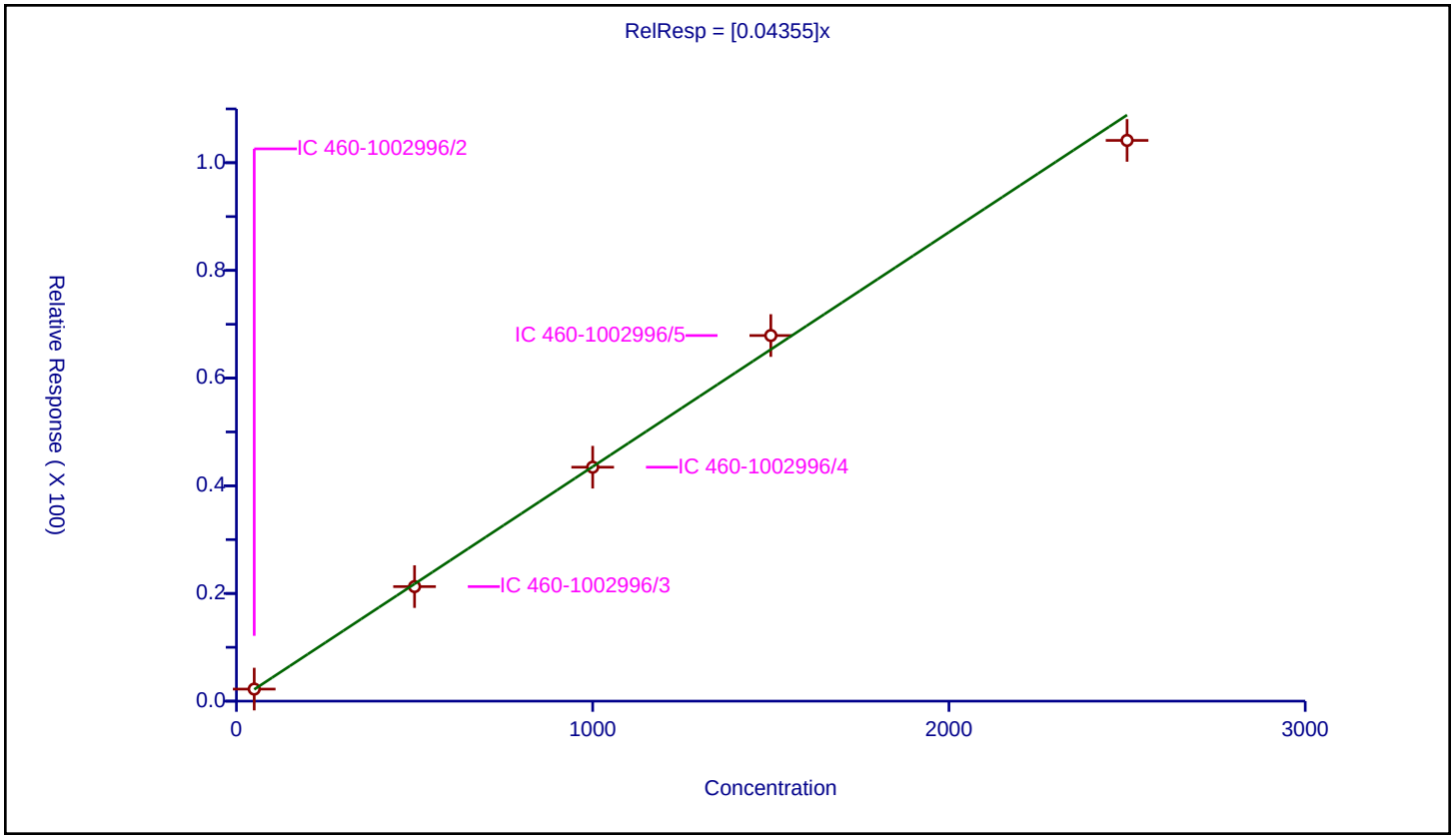
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04355 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.240672 | 20.0 | 190060057.0 | 0.044813 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 21.27399 | 20.0 | 183509090.0 | 0.042548 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 43.448186 | 20.0 | 175462676.0 | 0.043448 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 67.906983 | 20.0 | 184712945.0 | 0.045271 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 104.146253 | 20.0 | 187062629.0 | 0.041659 | Y |



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## Calibration / PCB-1260 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

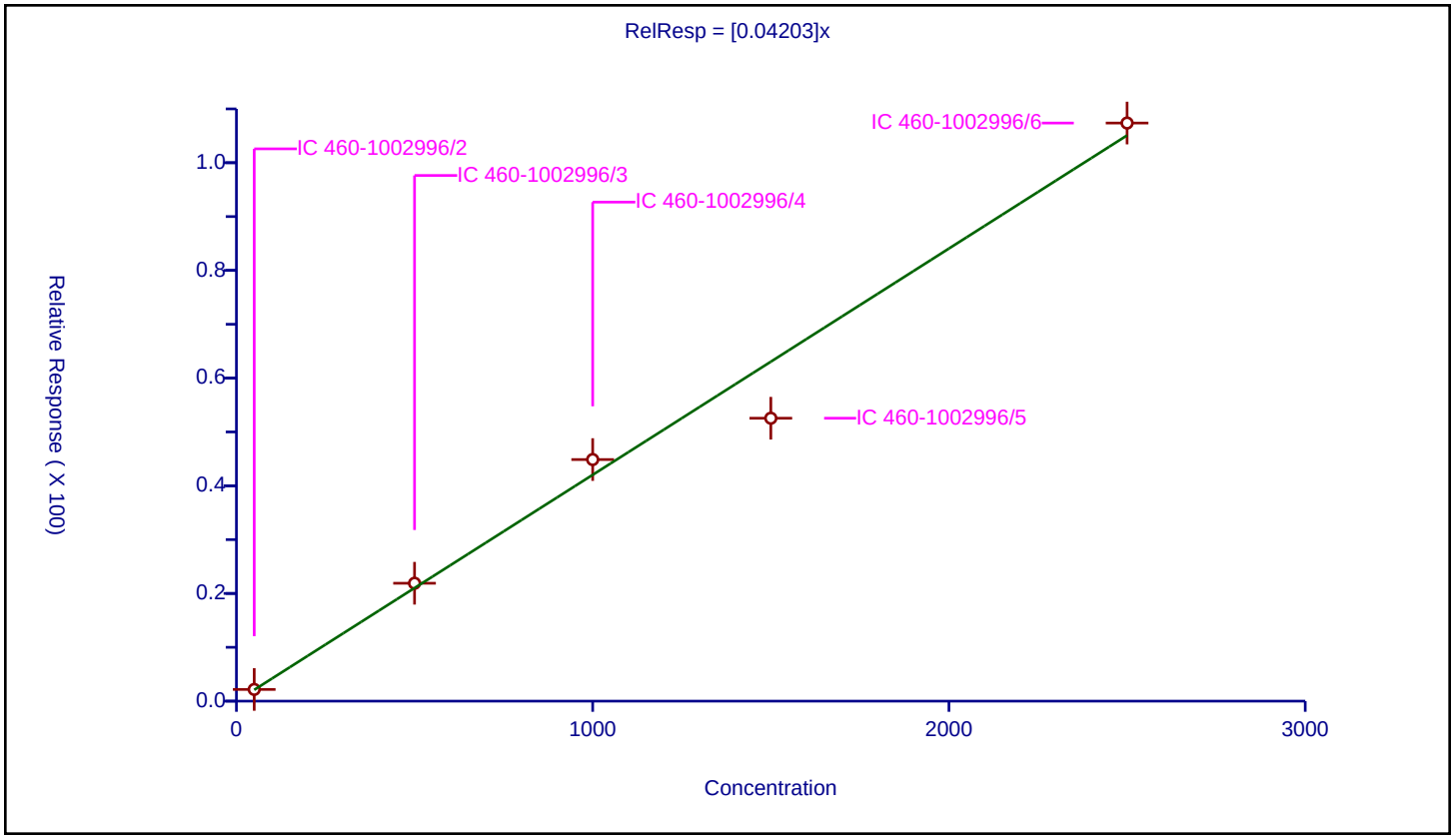
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04203 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.175424 | 20.0 | 190060057.0 | 0.043508 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 21.898587 | 20.0 | 183509090.0 | 0.043797 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 44.868132 | 20.0 | 175462676.0 | 0.044868 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 52.548448 | 20.0 | 184712945.0 | 0.035032 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 107.373958 | 20.0 | 187062629.0 | 0.04295 | Y |



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## Calibration / PCB-1260 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

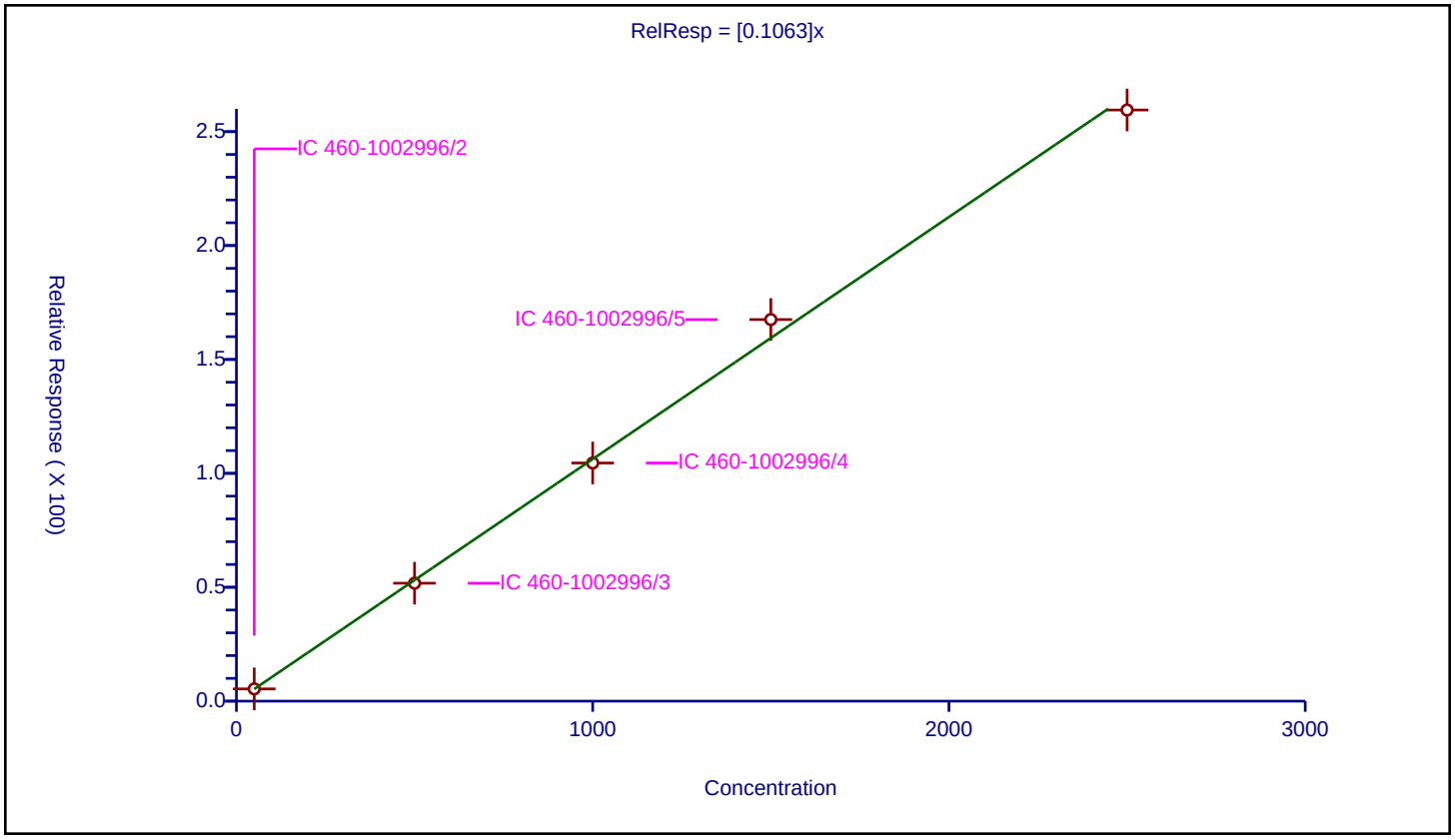
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1063 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 5.386545 | 20.0 | 190060057.0 | 0.107731 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 51.785536 | 20.0 | 183509090.0 | 0.103571 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 104.548537 | 20.0 | 175462676.0 | 0.104549 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 167.527561 | 20.0 | 184712945.0 | 0.111685 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 259.505436 | 20.0 | 187062629.0 | 0.103802 | Y |



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## Calibration / PCB-1260 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

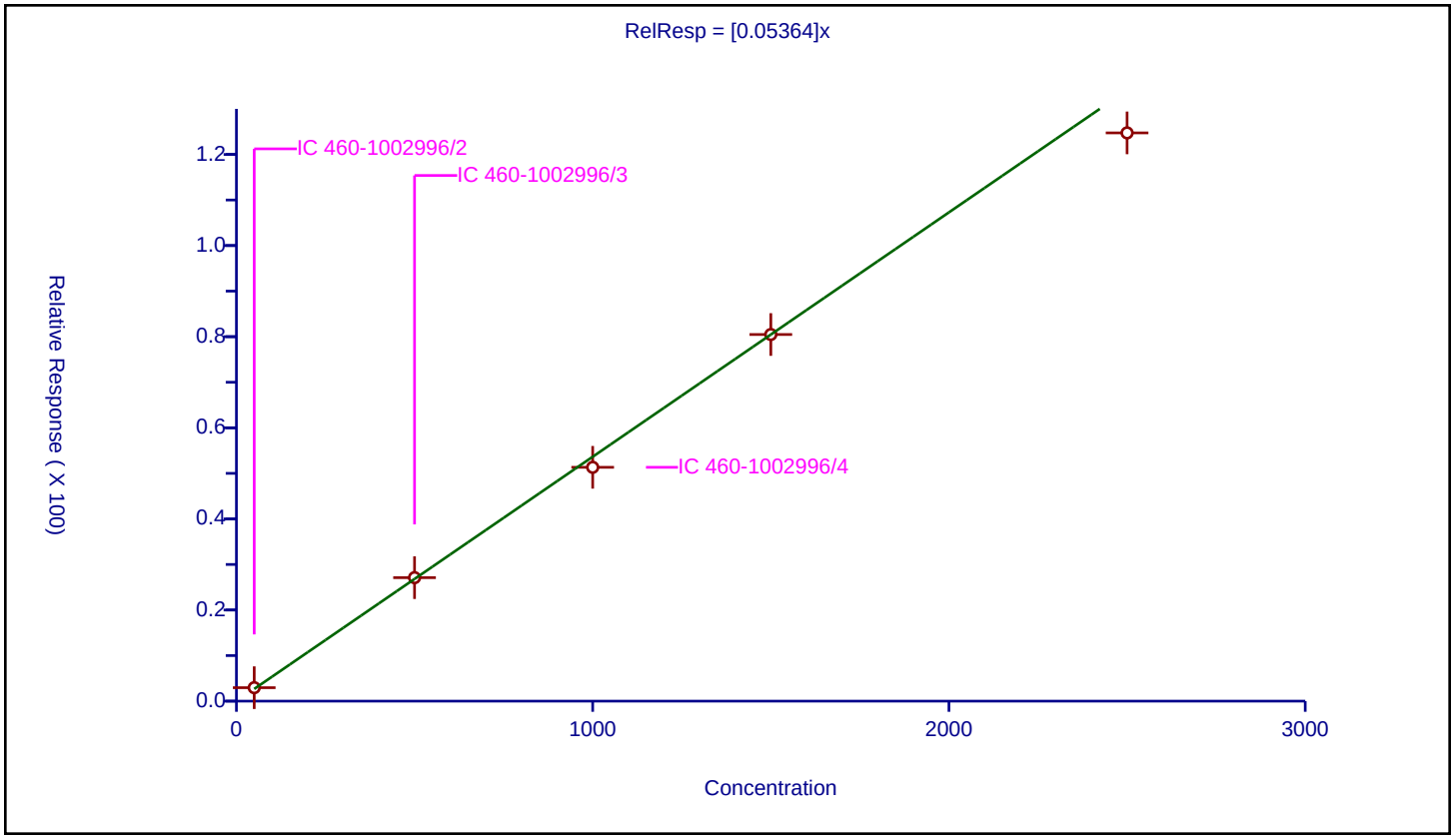
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05364 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 2.956446 | 20.0 | 190060057.0 | 0.059129 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 27.107311 | 20.0 | 183509090.0 | 0.054215 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 51.325655 | 20.0 | 175462676.0 | 0.051326 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 80.479289 | 20.0 | 184712945.0 | 0.053653 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 124.734748 | 20.0 | 187062629.0 | 0.049894 | Y |



## Calibration / PCB-1260 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

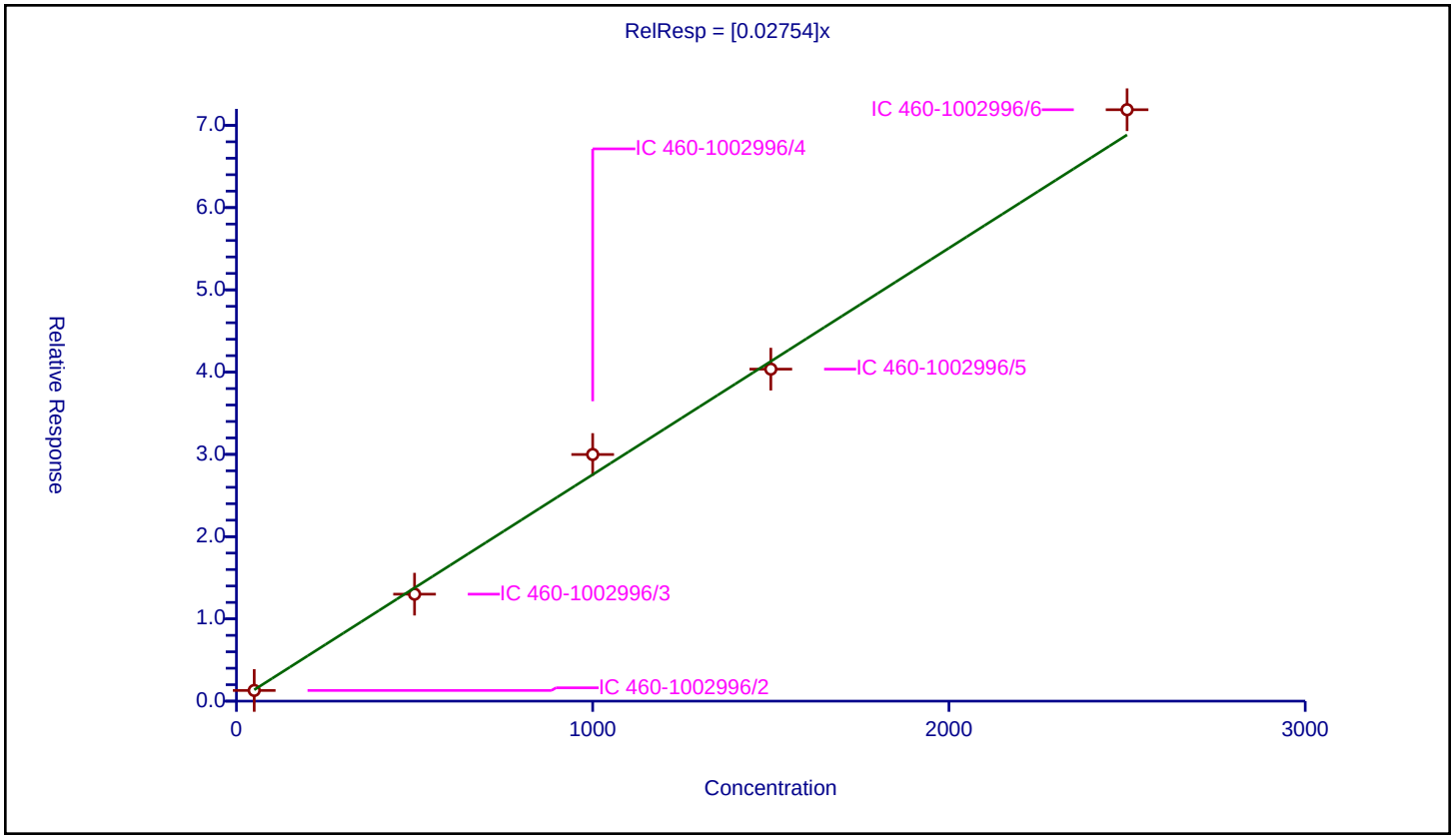
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02754 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.301322 | 20.0 | 190060057.0 | 0.026026 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 13.004659 | 20.0 | 183509090.0 | 0.026009 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 29.986313 | 20.0 | 175462676.0 | 0.029986 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 40.363768 | 20.0 | 184712945.0 | 0.026909 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 71.901023 | 20.0 | 187062629.0 | 0.02876 | Y |



## Calibration / PCB-1260 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

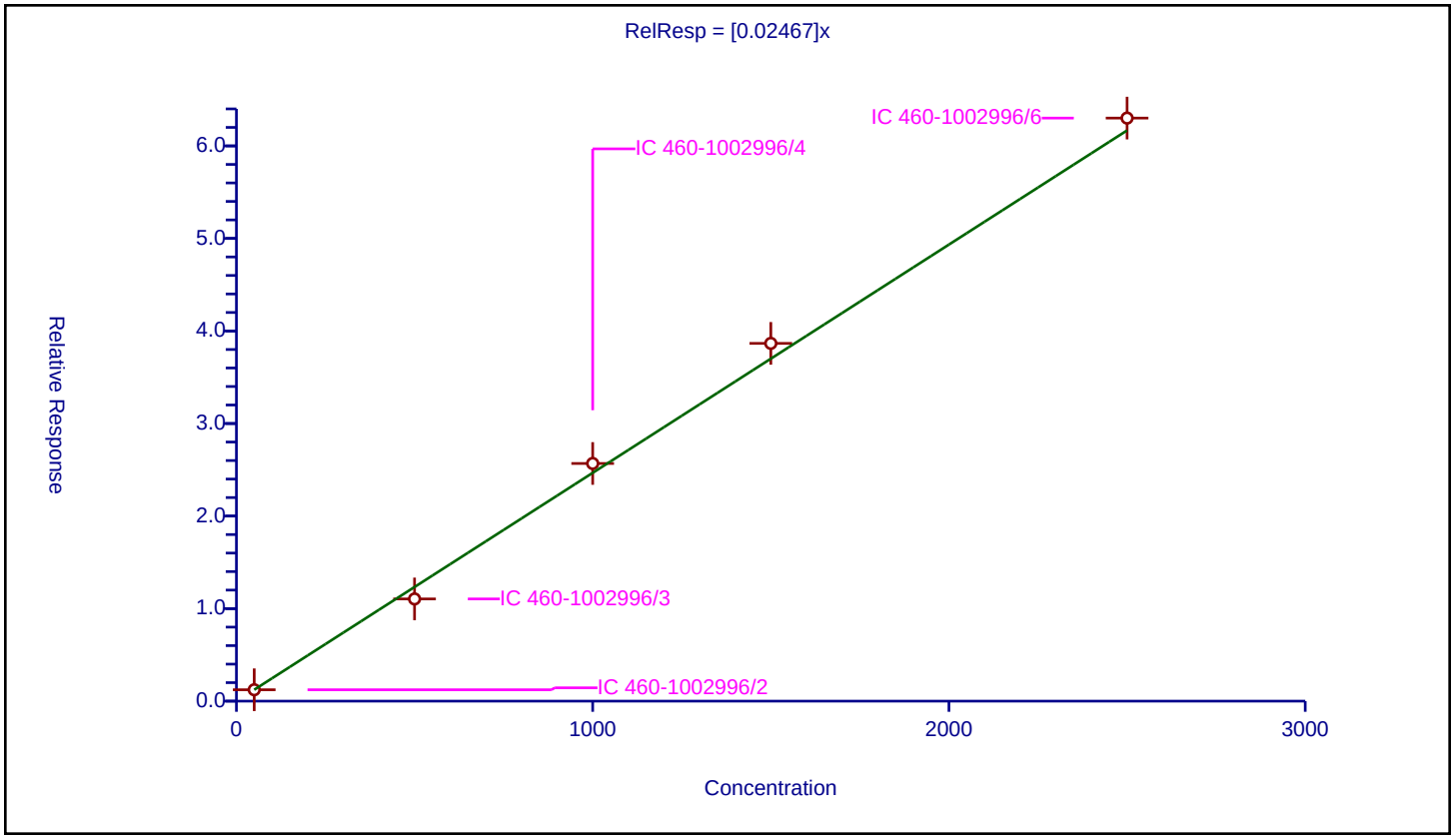
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02467 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 50.0 | 1.229966 | 20.0 | 190060057.0 | 0.024599 | Y |
| 2 | IC 460-1002996/3 | 500.0 | 11.043478 | 20.0 | 183509090.0 | 0.022087 | Y |
| 3 | IC 460-1002996/4 | 1000.0 | 25.682227 | 20.0 | 175462676.0 | 0.025682 | Y |
| 4 | IC 460-1002996/5 | 1500.0 | 38.659388 | 20.0 | 184712945.0 | 0.025773 | Y |
| 5 | IC 460-1002996/6 | 2500.0 | 63.006253 | 20.0 | 187062629.0 | 0.025203 | Y |



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## Calibration / DCB Decachlorobiphenyl

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

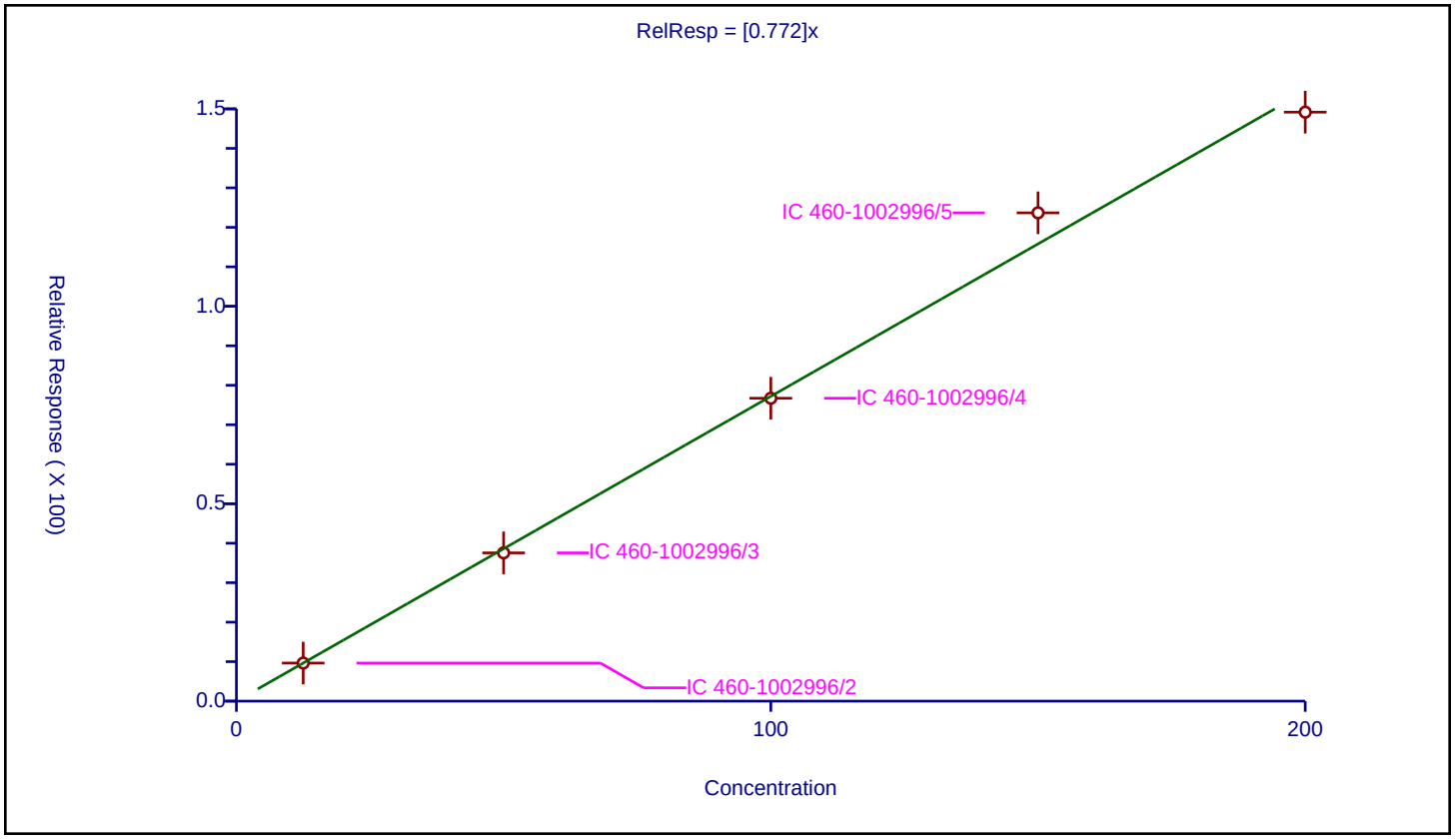
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.772 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 4.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/2 | 12.5 | 9.644886 | 20.0 | 190060057.0 | 0.771591 | Y |
| 2 | IC 460-1002996/3 | 50.0 | 37.549263 | 20.0 | 183509090.0 | 0.750985 | Y |
| 3 | IC 460-1002996/4 | 100.0 | 76.713548 | 20.0 | 175462676.0 | 0.767135 | Y |
| 4 | IC 460-1002996/5 | 150.0 | 123.672745 | 20.0 | 184712945.0 | 0.824485 | Y |
| 5 | IC 460-1002996/6 | 200.0 | 149.168209 | 20.0 | 187062629.0 | 0.745841 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:43 Calibration End Date: 10/23/2024 11:43 Calibration ID: 98943

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/8 | 14F0008285.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 0.0067 | | | | | Ave | | 0.0067 | | | | | | 20.0 | | | |
| PCB-1221 Peak 2 | 0.0105 | | | | | Ave | | 0.0105 | | | | | | 20.0 | | | |
| PCB-1221 Peak 3 | 0.0066 | | | | | Ave | | 0.0066 | | | | | | 20.0 | | | |
| PCB-1221 Peak 4 | 0.0246 | | | | | Ave | | 0.0246 | | | | | | 20.0 | | | |
| PCB-1221 Peak 5 | 0.0033 | | | | | Ave | | 0.0033 | | | | | | 20.0 | | | |
| PCB-1221 Peak 6 | 0.0055 | | | | | Ave | | 0.0055 | | | | | | 20.0 | | | |
| PCB-1221 Peak 7 | 0.0025 | | | | | Ave | | 0.0025 | | | | | | 20.0 | | | |
| PCB-1221 Peak 8 | 0.0014 | | | | | Ave | | 0.0014 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:43 | Calibration End Date: 10/23/2024 11:43 | Calibration ID: 98943

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/8 | 14F0008285.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | BNB | Ave | 27281046 | | | | | 1000 | | | | |
| PCB-1221 Peak 2 | BNB | Ave | 42624080 | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | BNB | Ave | 26907022 | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | BNB | Ave | 100082920 | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | BNB | Ave | 13301780 | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | BNB | Ave | 22536276 | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | BNB | Ave | 10221174 | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | BNB | Ave | 5804330 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 11:43:23 ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-008
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:21 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:52:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 81499675 | 20.0 | 20.0 | M |
| 2 | 1.965 | 1.965 | 0.000 | 181301685 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 1 PCB-1221 | | | | | | | |
| 1 | 2.825 | 2.825 | 0.000 | 27281046 | 1000.0 | 1000.0 | |
| 1 | 3.806 | 3.806 | 0.000 | 42624080 | 1000.0 | 1000.0 | |
| 1 | 3.995 | 3.995 | 0.000 | 26907022 | 1000.0 | 1000.0 | |
| 1 | 4.075 | 4.075 | 0.000 | 100082920 | 1000.0 | 1000.0 | |
| 1 | 4.687 | 4.687 | 0.000 | 13301780 | 1000.0 | 1000.0 | |
| 1 | 5.222 | 5.222 | 0.000 | 22536276 | 1000.0 | 1000.0 | |
| 1 | 5.397 | 5.397 | 0.000 | 10221174 | 1000.0 | 1000.0 | |
| 1 | 5.538 | 5.538 | 0.000 | 5804330 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 4.285 | 4.285 | 0.000 | 20951387 | 1000.0 | 1000.0 | |
| 2 | 2.203 | 2.203 | 0.000 | 54121244 | 1000.0 | 1000.0 | |
| 2 | 2.949 | 2.949 | 0.000 | 98664868 | 1000.0 | 1000.0 | |
| 2 | 3.114 | 3.114 | 0.000 | 56909320 | 1000.0 | 1000.0 | |
| 2 | 3.161 | 3.161 | 0.000 | 213852274 | 1000.0 | 1000.0 | |
| 2 | 3.581 | 3.581 | 0.000 | 27254478 | 1000.0 | 1000.0 | |
| 2 | 3.717 | 3.717 | 0.000 | 28535707 | 1000.0 | 1000.0 | |
| 2 | 4.125 | 4.125 | 0.000 | 47809021 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1221L4_00035 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

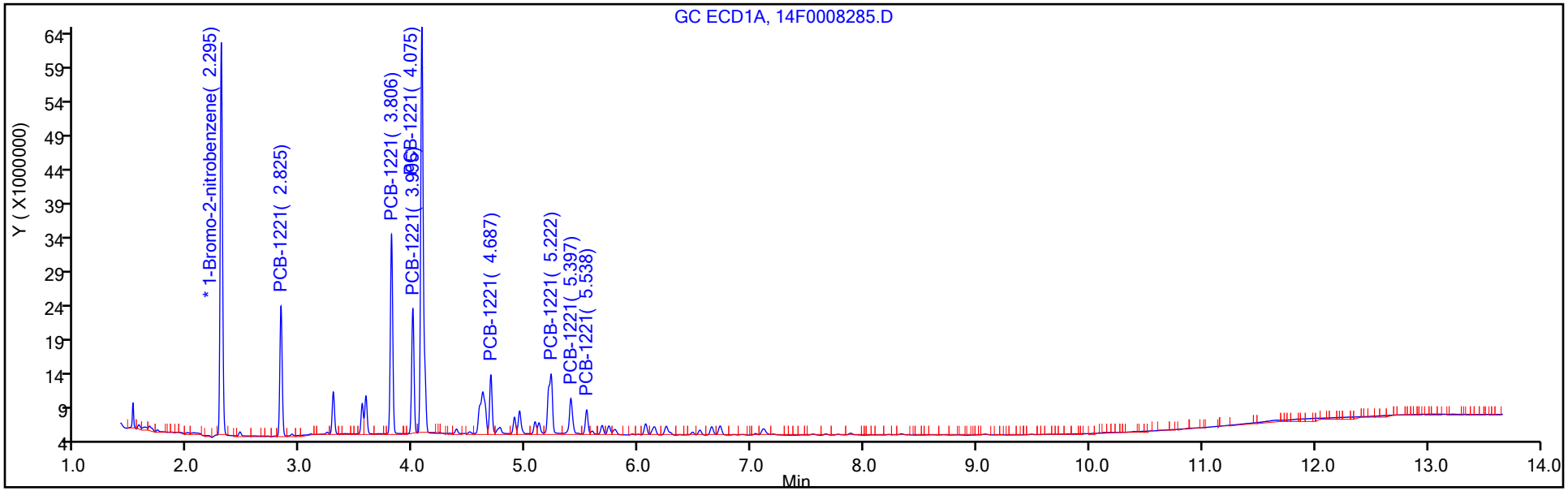
Report Date: 23-Oct-2024 14:02:21 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

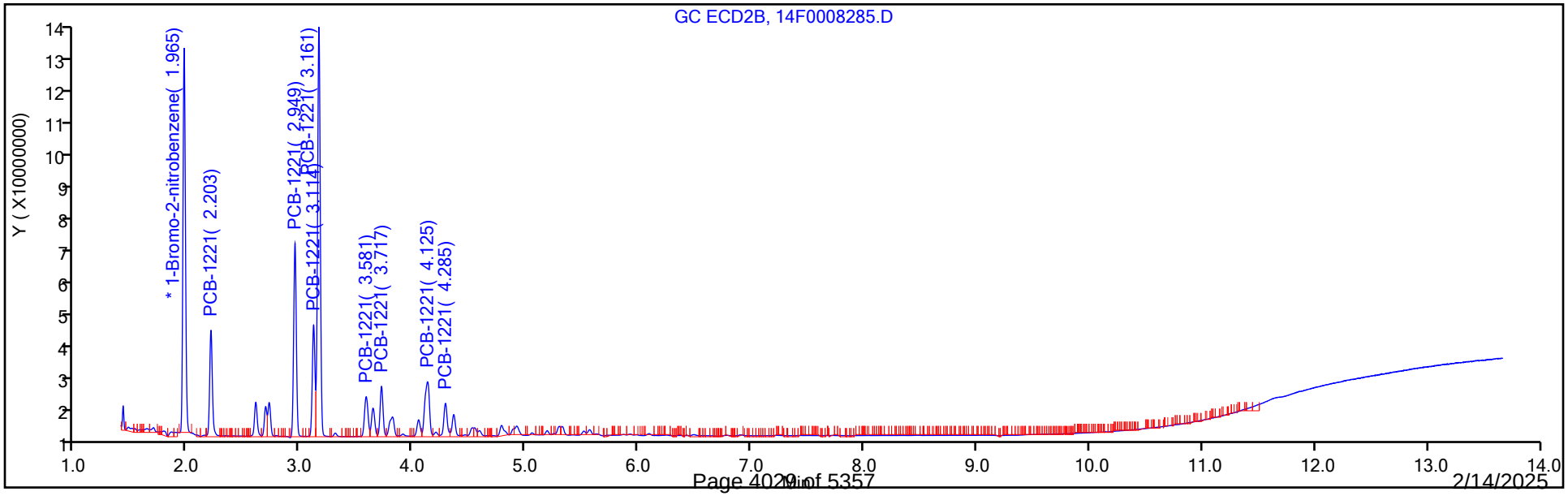
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 11:43:23 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1221 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

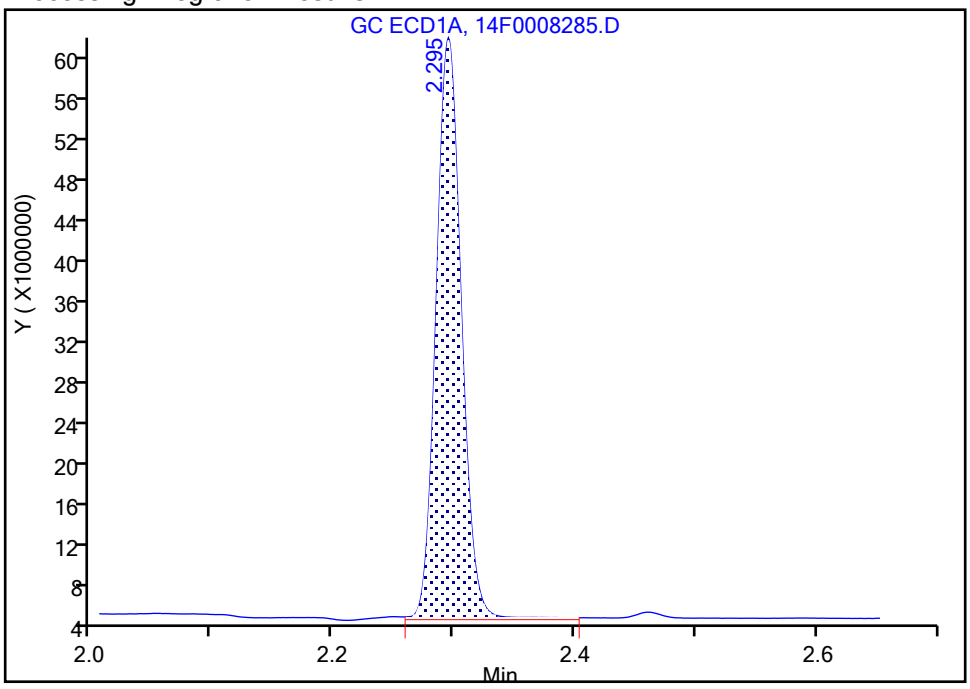
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D
Injection Date: 23-Oct-2024 11:43:23 Instrument ID: CPESTGC14
Lims ID: IC 1221
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

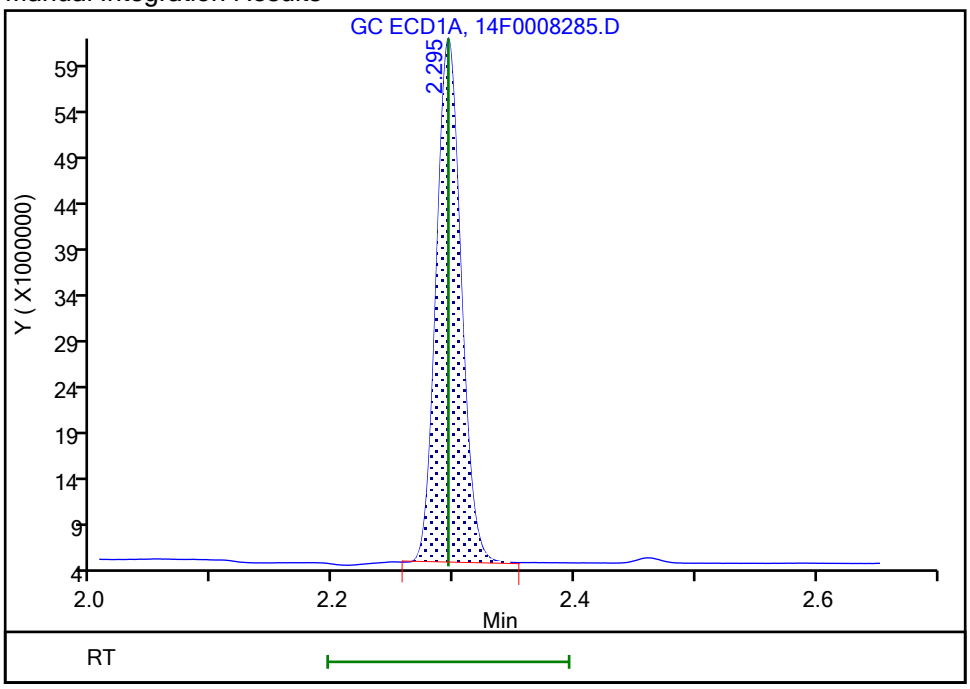
Processing Integration Results

RT: 2.30
Area: 83707904
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.30
Area: 81499675
Amount: 20.000000
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 13:55:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

## Calibration / PCB-1221 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

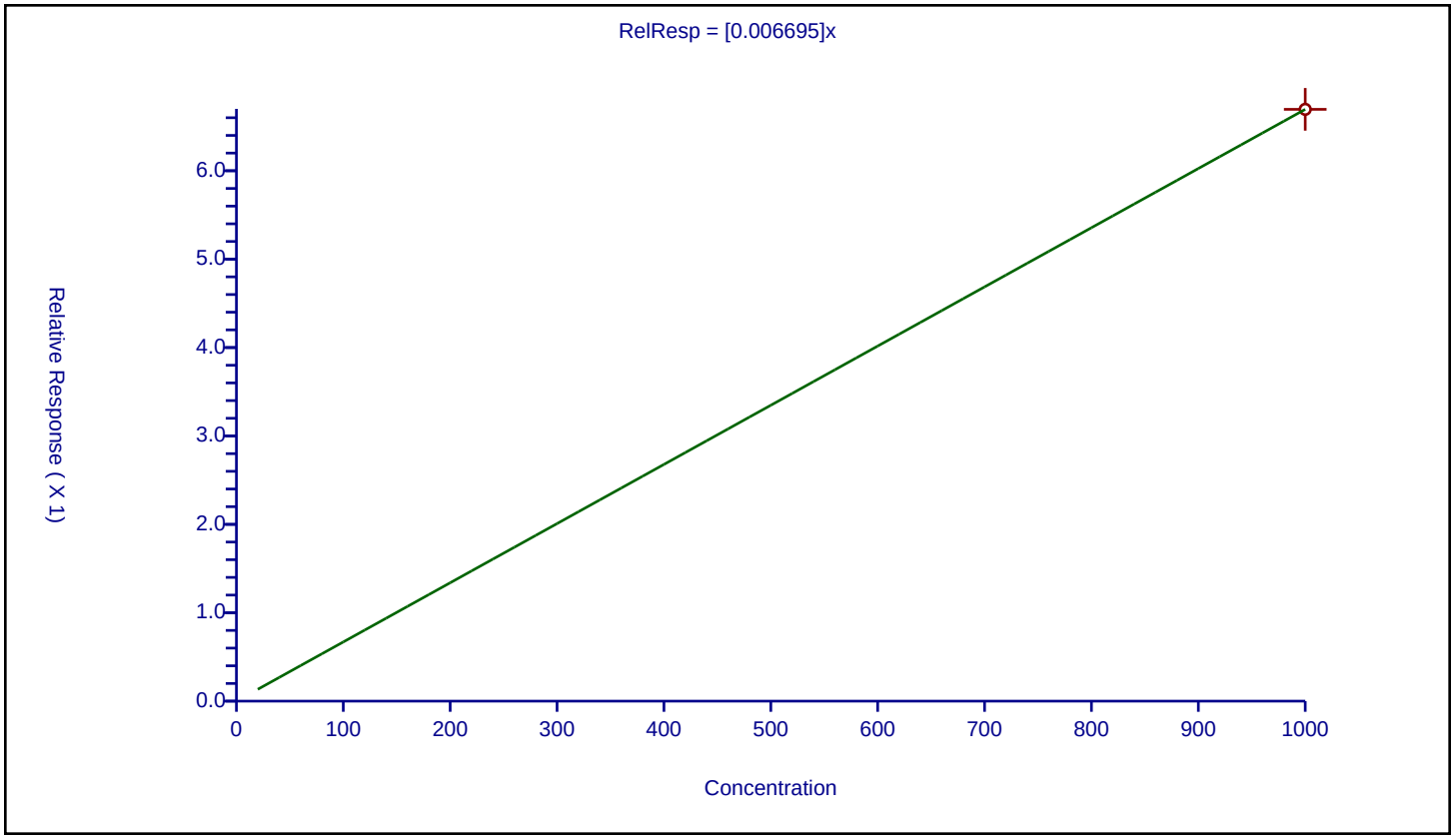
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.006695 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 6.694762 | 20.0 | 81499675.0 | 0.006695 | Y |



## Calibration / PCB-1221 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

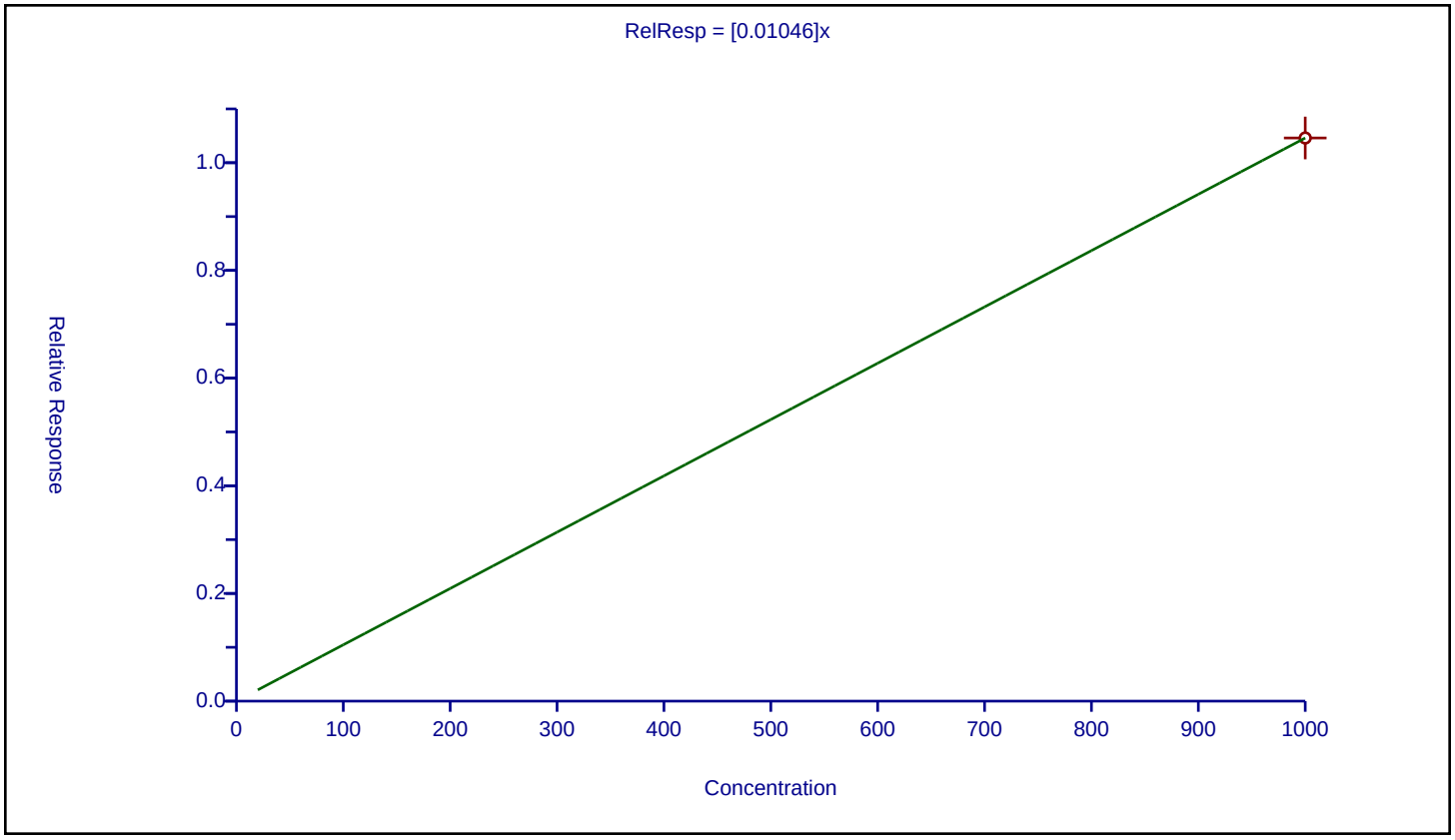
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01046 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 10.459939 | 20.0 | 81499675.0 | 0.01046 | Y |



## Calibration / PCB-1221 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

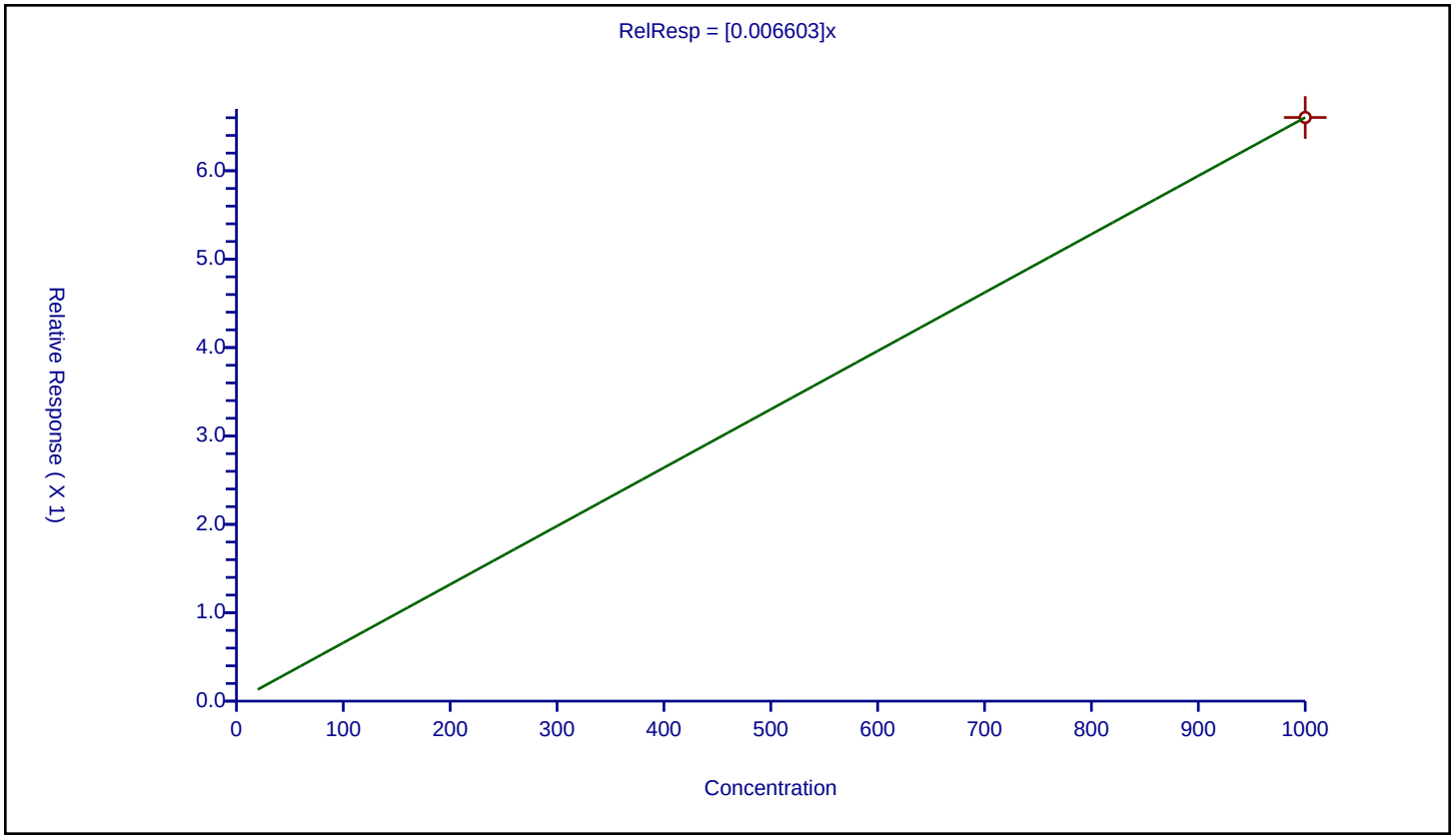
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.006603 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 6.602977 | 20.0 | 81499675.0 | 0.006603 | Y |



## Calibration / PCB-1221 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

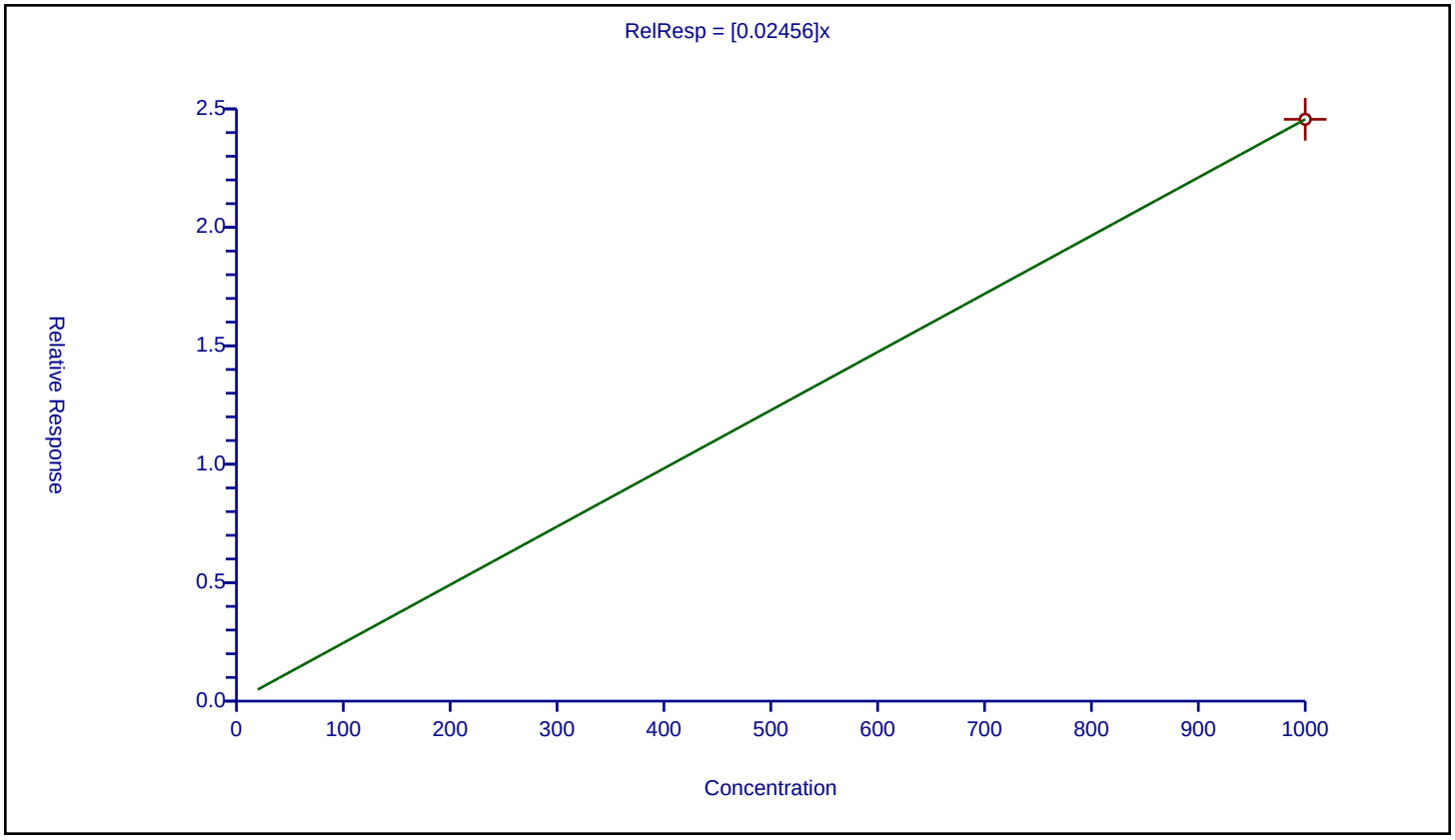
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02456 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 24.560324 | 20.0 | 81499675.0 | 0.02456 | Y |



## Calibration / PCB-1221 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

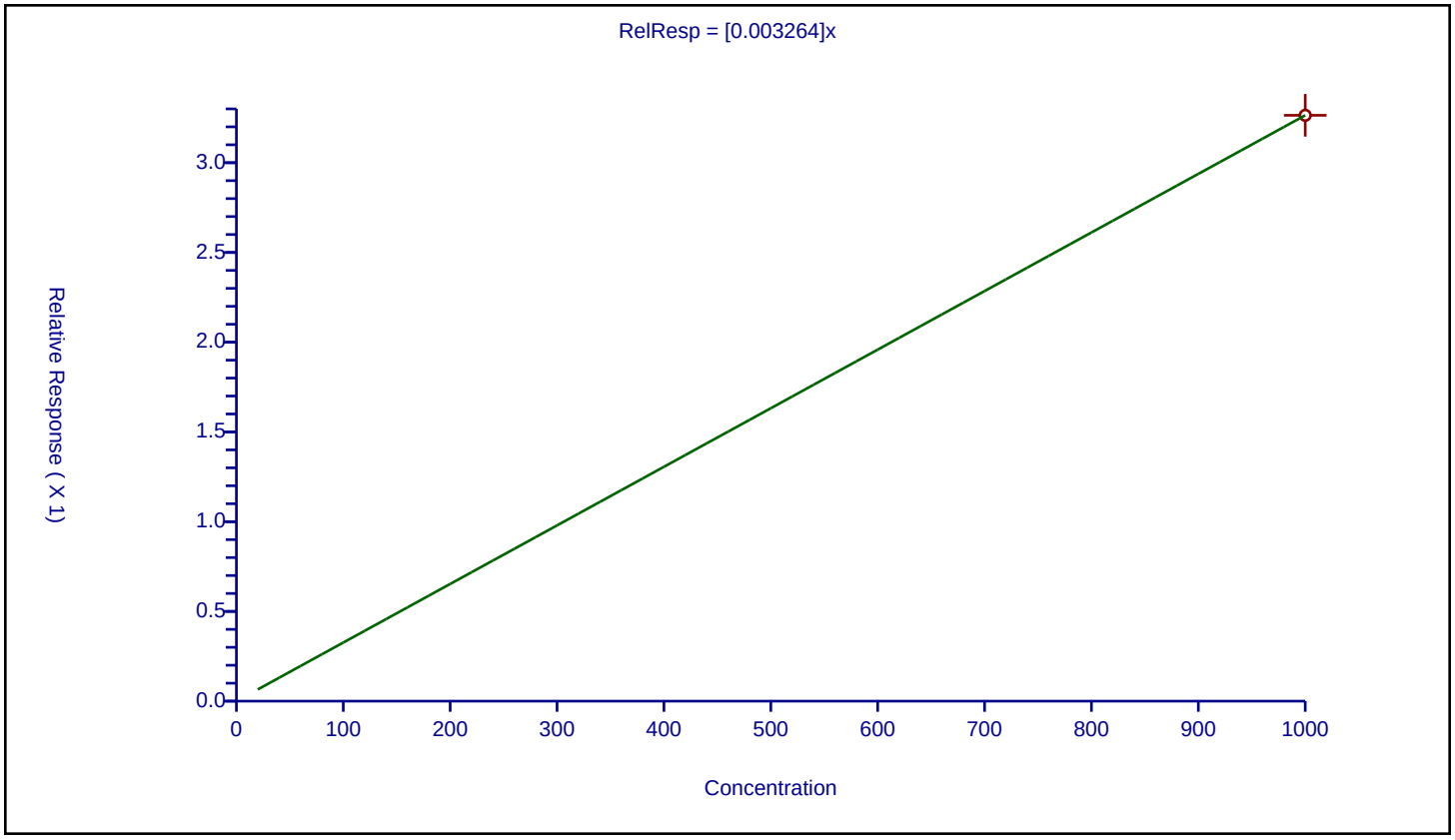
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.003264 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 3.264254 | 20.0 | 81499675.0 | 0.003264 | Y |



## Calibration / PCB-1221 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

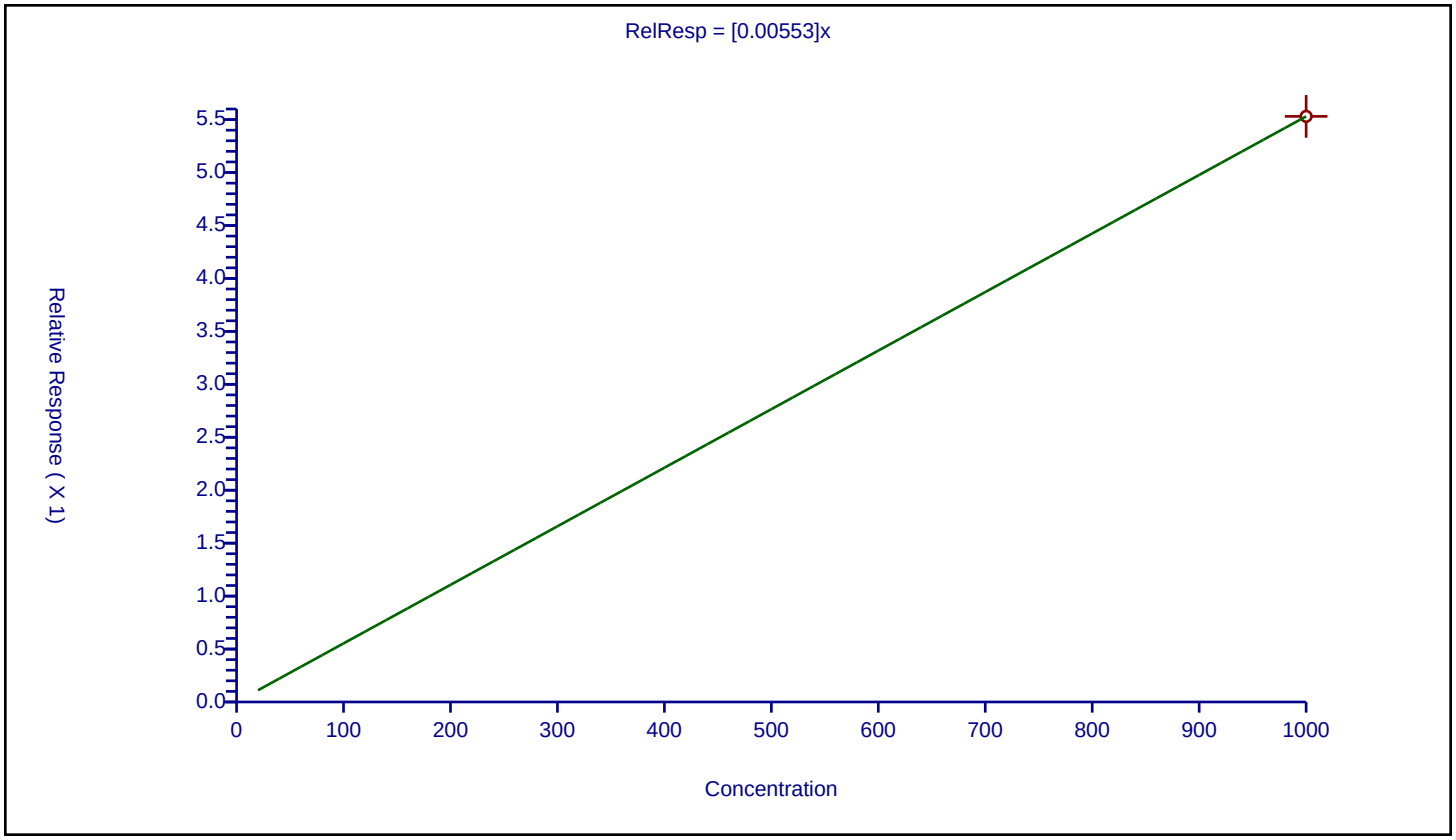
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.00553 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 5.530397 | 20.0 | 81499675.0 | 0.00553 | Y |



## Calibration / PCB-1221 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

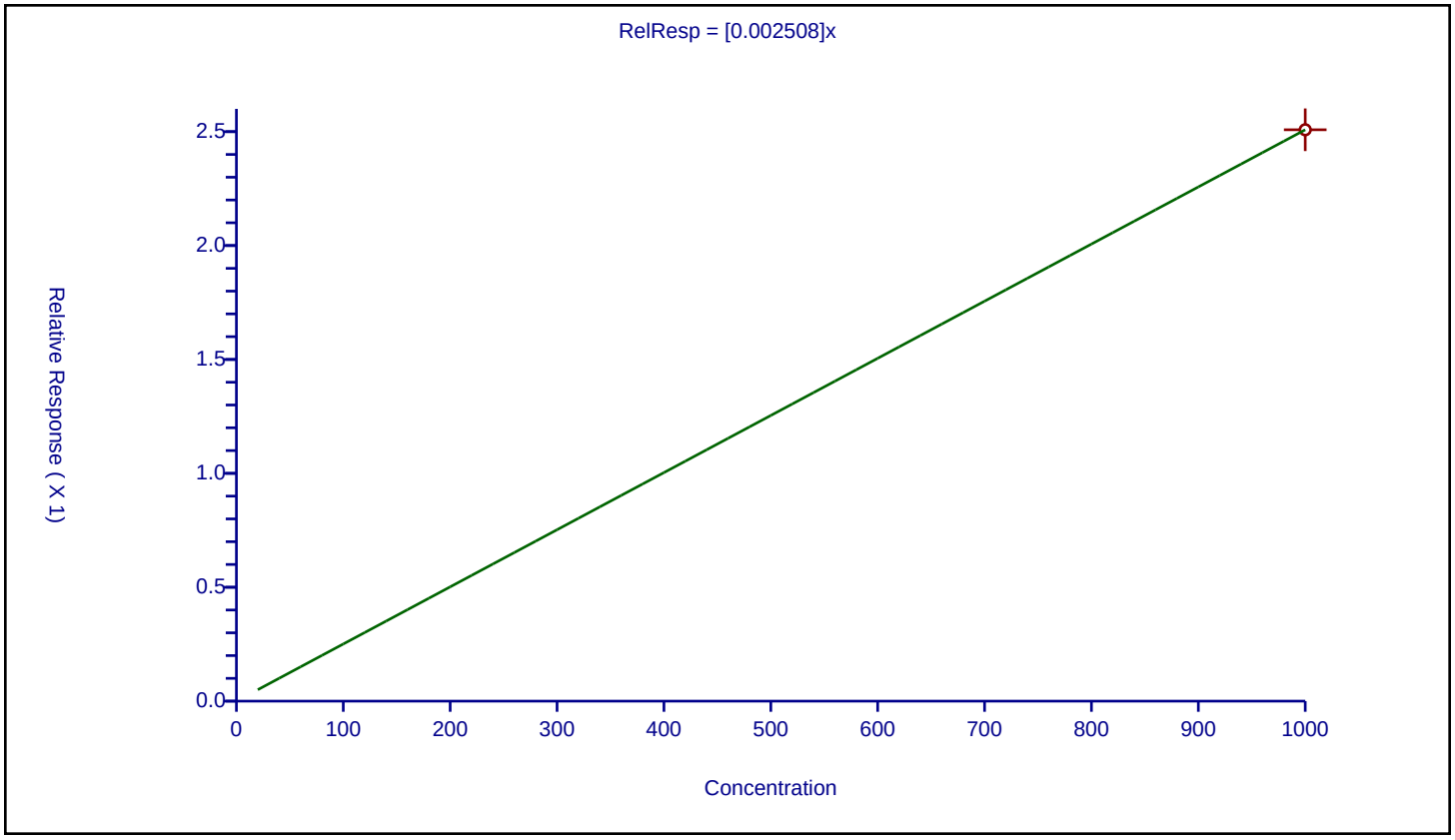
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.002508 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 2.508274 | 20.0 | 81499675.0 | 0.002508 | Y |



## Calibration / PCB-1221 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

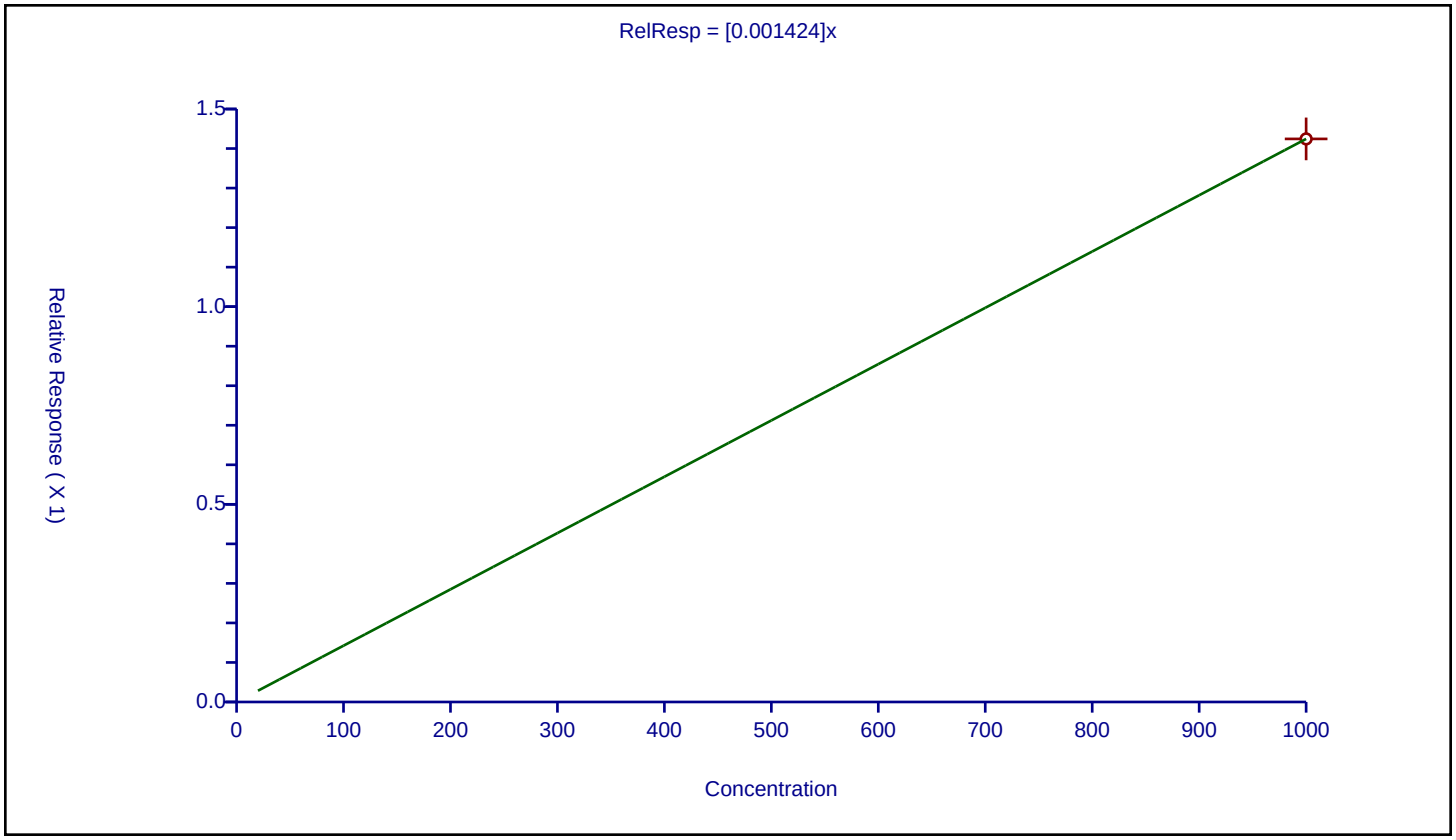
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.001424 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 1.424381 | 20.0 | 81499675.0 | 0.001424 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:43 Calibration End Date: 10/23/2024 11:43 Calibration ID: 98944

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/8 | 14F0008285.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 2 | 0.0060 | | | | | Ave | | 0.0060 | | | | | | 20.0 | | | |
| PCB-1221 Peak 3 | 0.0109 | | | | | Ave | | 0.0109 | | | | | | 20.0 | | | |
| PCB-1221 Peak 4 | 0.0063 | | | | | Ave | | 0.0063 | | | | | | 20.0 | | | |
| PCB-1221 Peak 5 | 0.0236 | | | | | Ave | | 0.0236 | | | | | | 20.0 | | | |
| PCB-1221 Peak 6 | 0.0030 | | | | | Ave | | 0.0030 | | | | | | 20.0 | | | |
| PCB-1221 Peak 7 | 0.0031 | | | | | Ave | | 0.0031 | | | | | | 20.0 | | | |
| PCB-1221 Peak 8 | 0.0053 | | | | | Ave | | 0.0053 | | | | | | 20.0 | | | |
| PCB-1221 Peak 1 | 0.0023 | | | | | Ave | | 0.0023 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14  GC Column: CLP-2  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:43  Calibration End Date: 10/23/2024 11:43  Calibration ID: 98944

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/8 | 14F0008285.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 2 | BNB | Ave | 54121244 | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | BNB | Ave | 98664868 | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | BNB | Ave | 56909320 | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | BNB | Ave | 213852274 | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | BNB | Ave | 27254478 | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | BNB | Ave | 28535707 | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | BNB | Ave | 47809021 | | | | | 1000 | | | | |
| PCB-1221 Peak 1 | BNB | Ave | 20951387 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 11:43:23 ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-008
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:21 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:52:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 81499675 | 20.0 | 20.0 | M |
| 2 | 1.965 | 1.965 | 0.000 | 181301685 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 1 PCB-1221 | | | | | | | |
| 1 | 2.825 | 2.825 | 0.000 | 27281046 | 1000.0 | 1000.0 | |
| 1 | 3.806 | 3.806 | 0.000 | 42624080 | 1000.0 | 1000.0 | |
| 1 | 3.995 | 3.995 | 0.000 | 26907022 | 1000.0 | 1000.0 | |
| 1 | 4.075 | 4.075 | 0.000 | 100082920 | 1000.0 | 1000.0 | |
| 1 | 4.687 | 4.687 | 0.000 | 13301780 | 1000.0 | 1000.0 | |
| 1 | 5.222 | 5.222 | 0.000 | 22536276 | 1000.0 | 1000.0 | |
| 1 | 5.397 | 5.397 | 0.000 | 10221174 | 1000.0 | 1000.0 | |
| 1 | 5.538 | 5.538 | 0.000 | 5804330 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 4.285 | 4.285 | 0.000 | 20951387 | 1000.0 | 1000.0 | |
| 2 | 2.203 | 2.203 | 0.000 | 54121244 | 1000.0 | 1000.0 | |
| 2 | 2.949 | 2.949 | 0.000 | 98664868 | 1000.0 | 1000.0 | |
| 2 | 3.114 | 3.114 | 0.000 | 56909320 | 1000.0 | 1000.0 | |
| 2 | 3.161 | 3.161 | 0.000 | 213852274 | 1000.0 | 1000.0 | |
| 2 | 3.581 | 3.581 | 0.000 | 27254478 | 1000.0 | 1000.0 | |
| 2 | 3.717 | 3.717 | 0.000 | 28535707 | 1000.0 | 1000.0 | |
| 2 | 4.125 | 4.125 | 0.000 | 47809021 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1221L4_00035 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

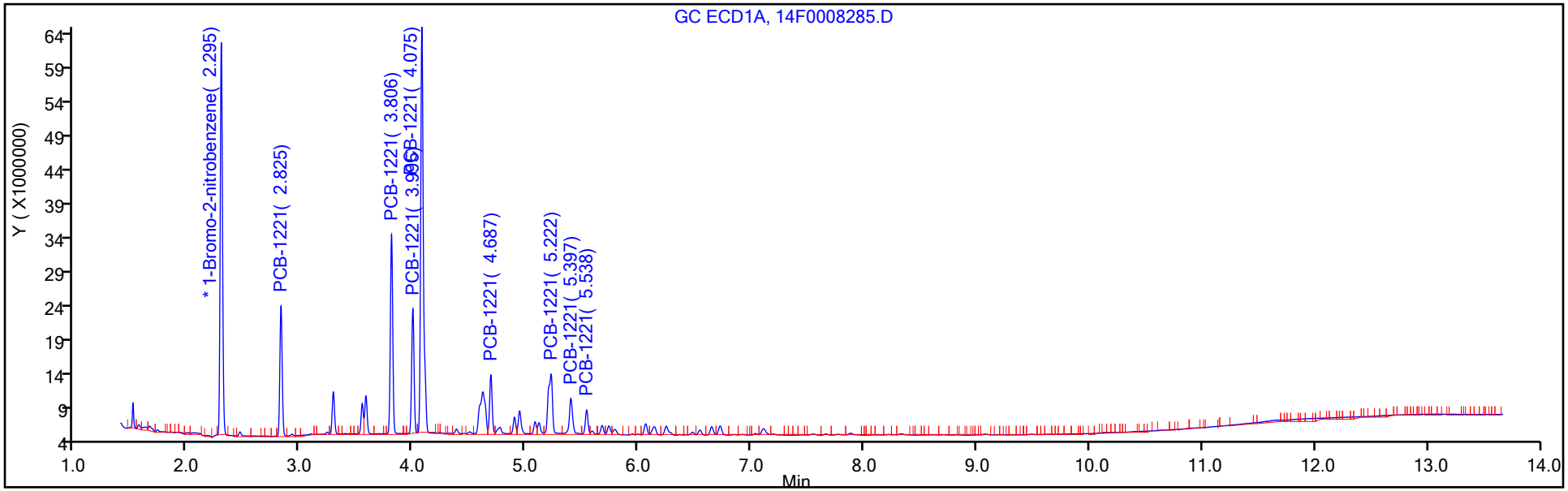
Report Date: 23-Oct-2024 14:02:22 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

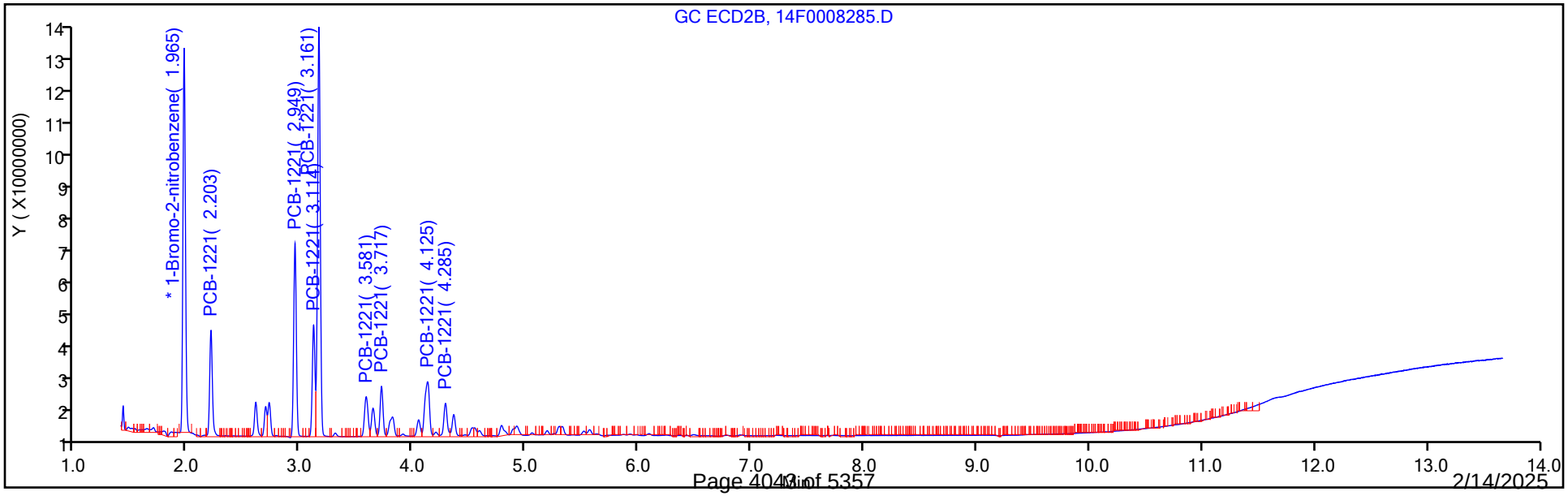
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 11:43:23 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1221 | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison

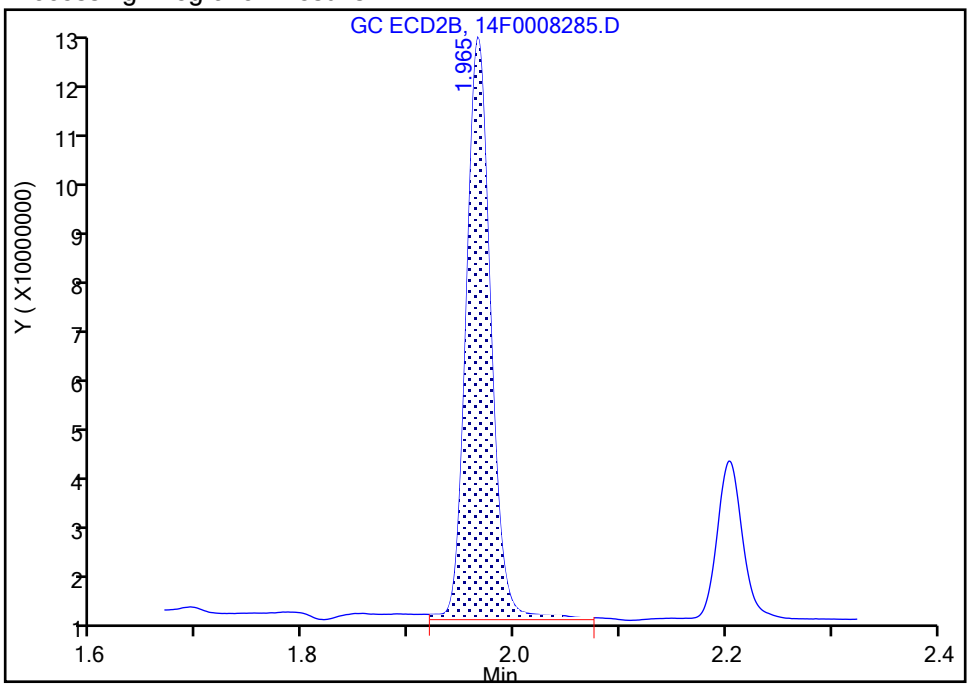
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008285.D
Injection Date: 23-Oct-2024 11:43:23 Instrument ID: CPESTGC14
Lims ID: IC 1221
Client ID:
Operator ID: ALS Bottle#: 11 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

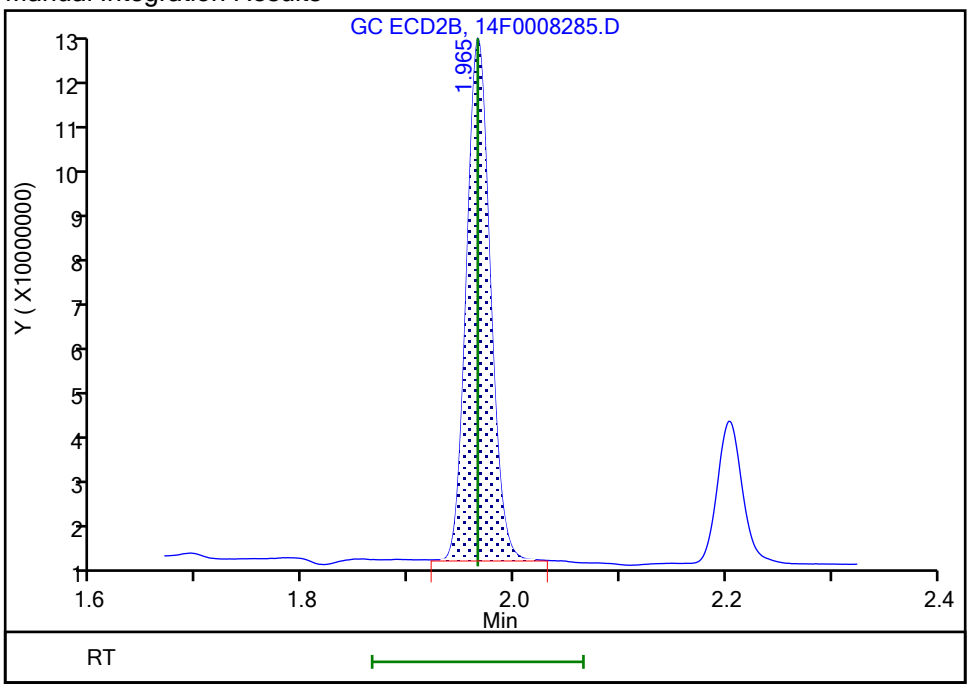
Processing Integration Results

RT: 1.97
Area: 190361051
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.97
Area: 181301685
Amount: 20.000000
Amount Units: ug/l




Reviewer: OR9X, 23-Oct-2024 13:55:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

## Calibration / PCB-1221 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

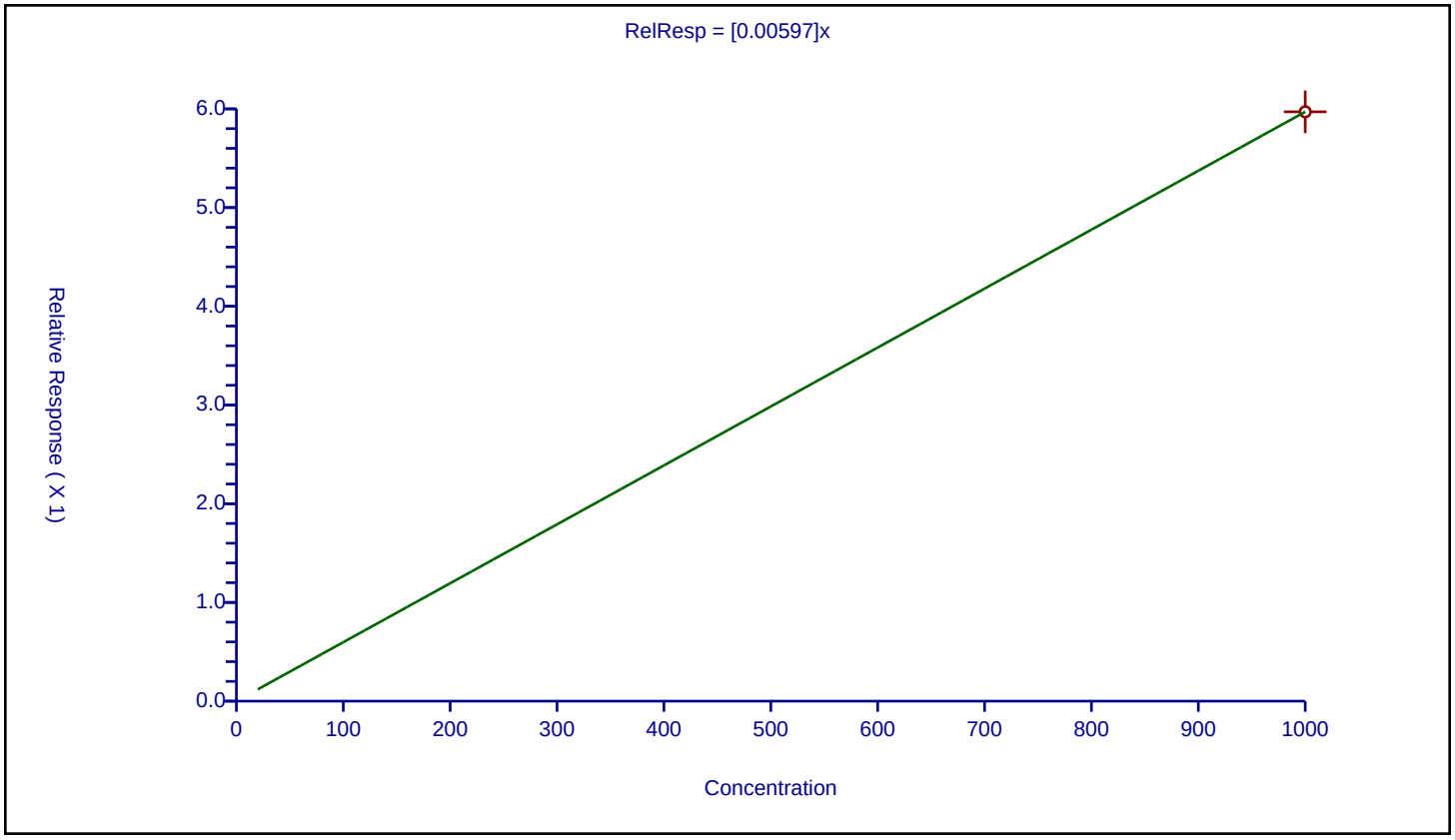
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.00597 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 5.970297 | 20.0 | 181301685.0 | 0.00597 | Y |



## Calibration / PCB-1221 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

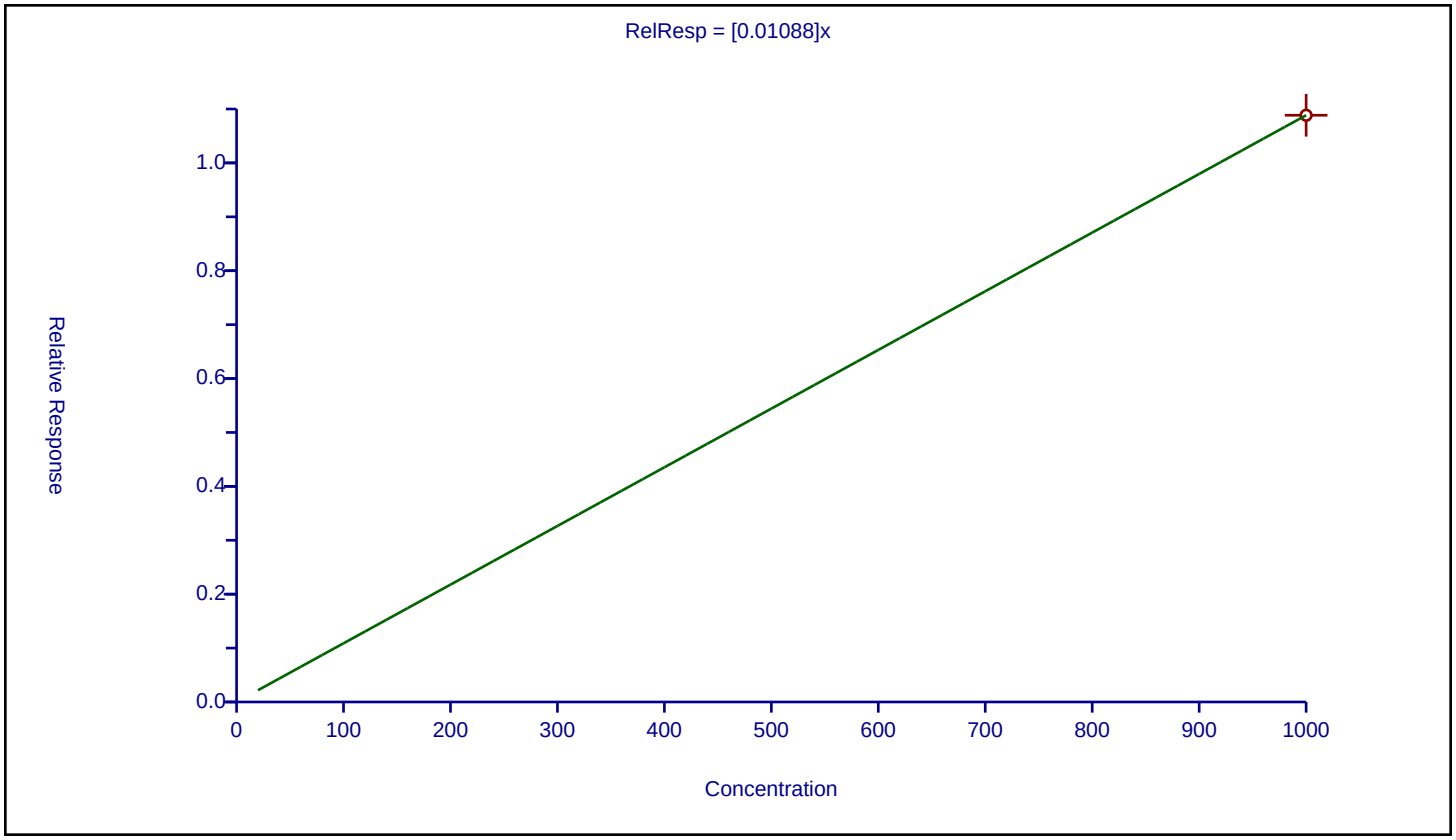
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01088 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 10.884054 | 20.0 | 181301685.0 | 0.010884 | Y |



## Calibration / PCB-1221 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

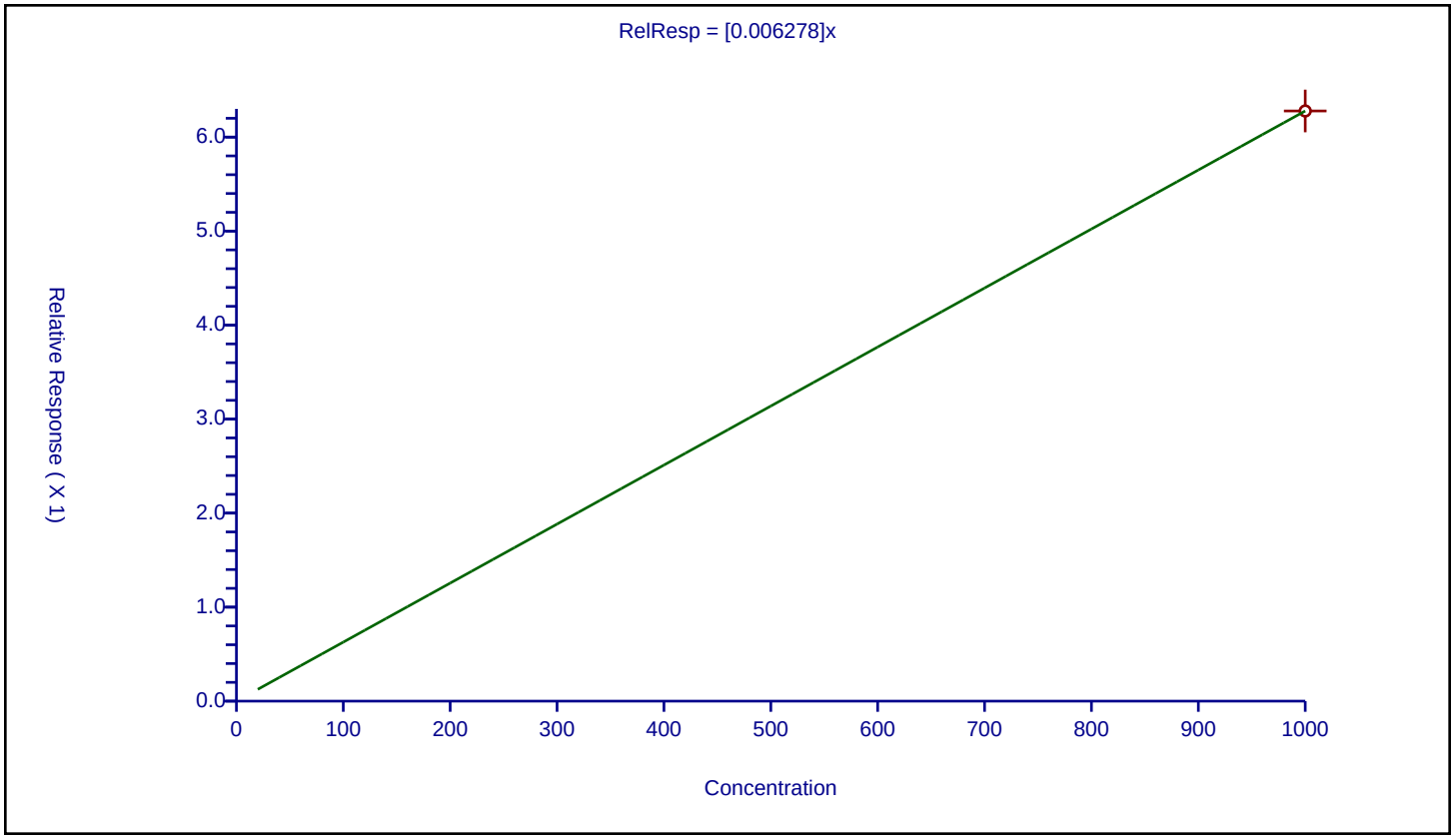
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.006278 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 6.277859 | 20.0 | 181301685.0 | 0.006278 | Y |



## Calibration / PCB-1221 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

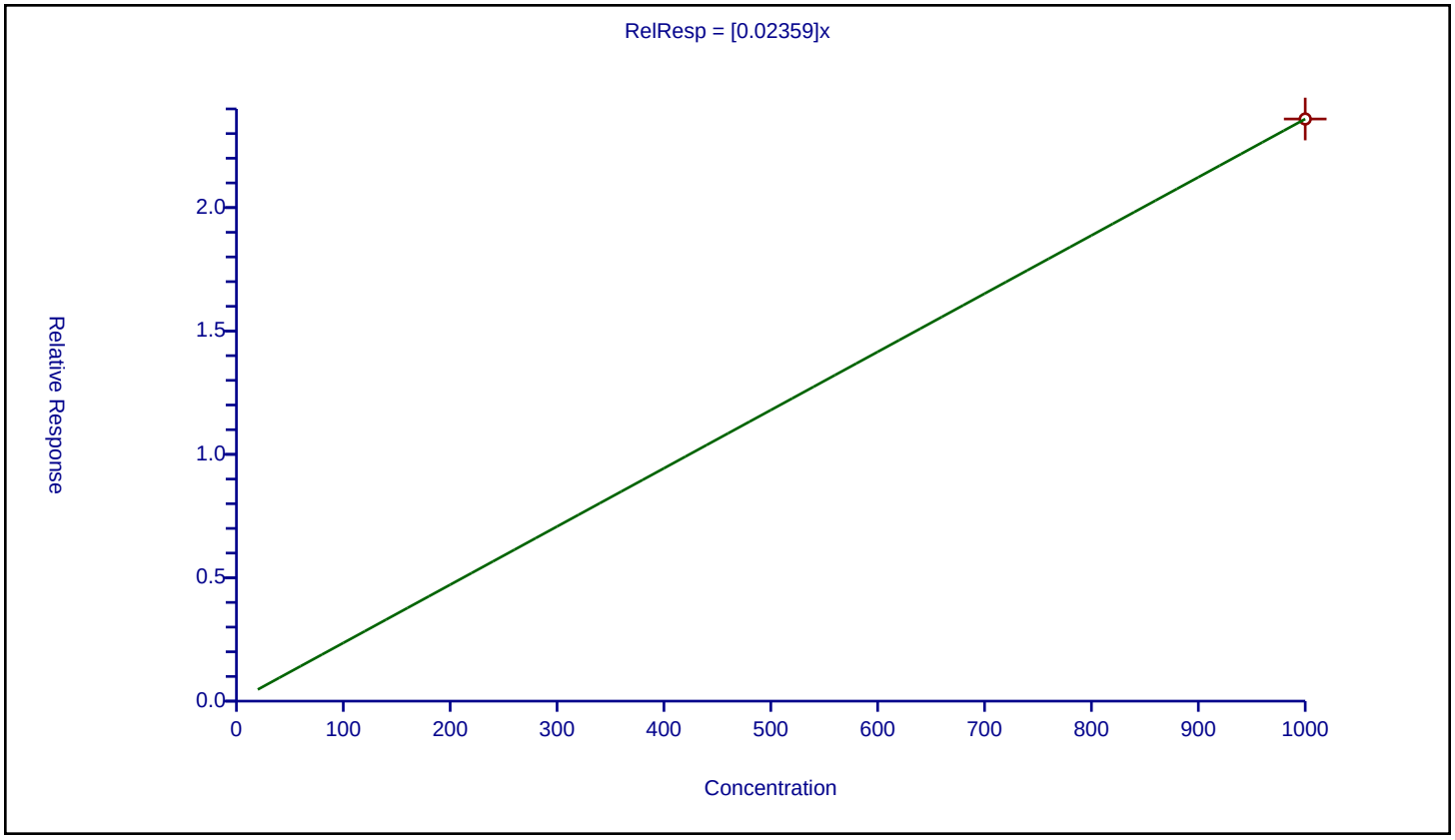
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02359 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 23.590765 | 20.0 | 181301685.0 | 0.023591 | Y |



## Calibration / PCB-1221 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

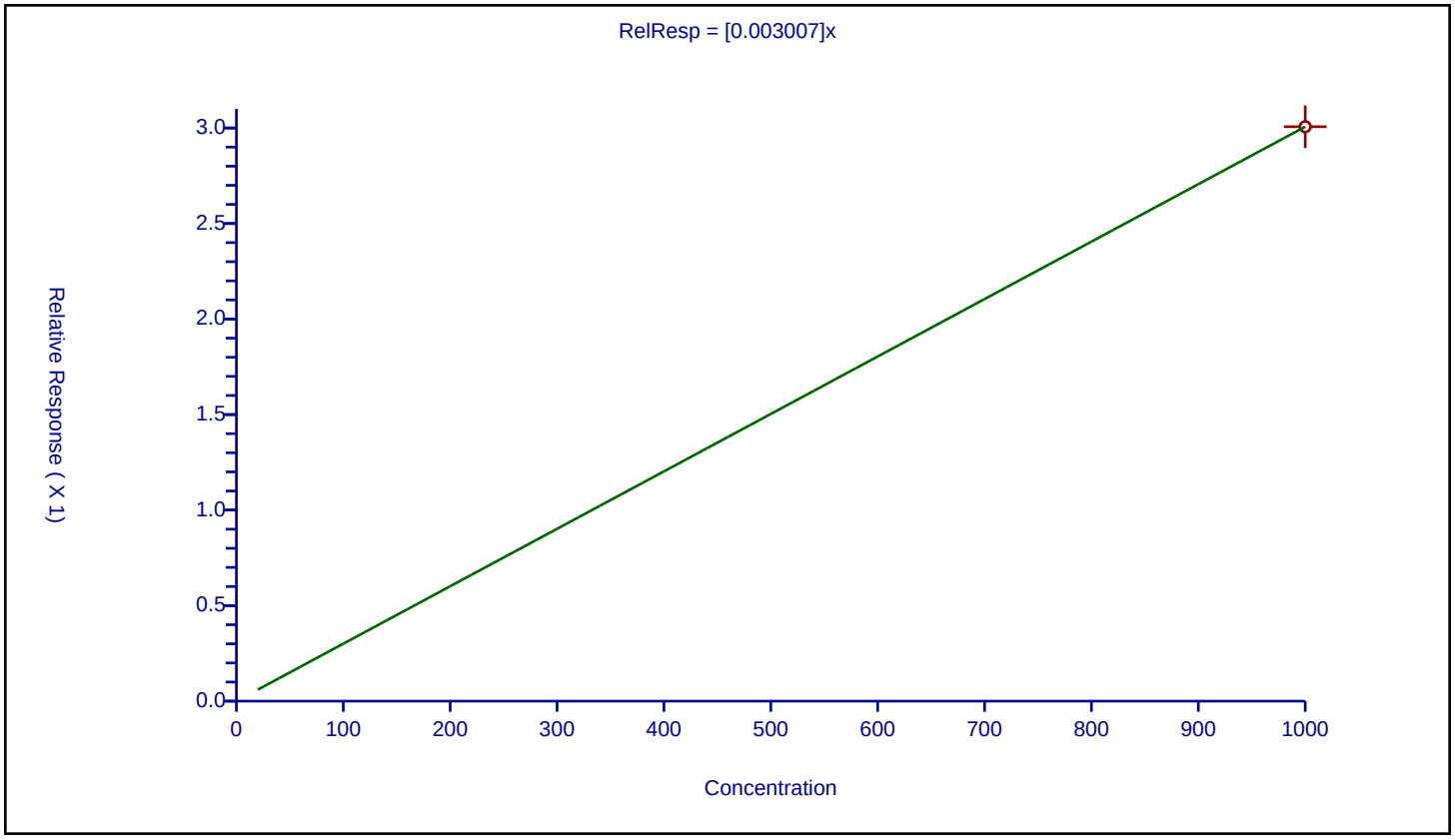
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.003007 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 3.006533 | 20.0 | 181301685.0 | 0.003007 | Y |



## Calibration / PCB-1221 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

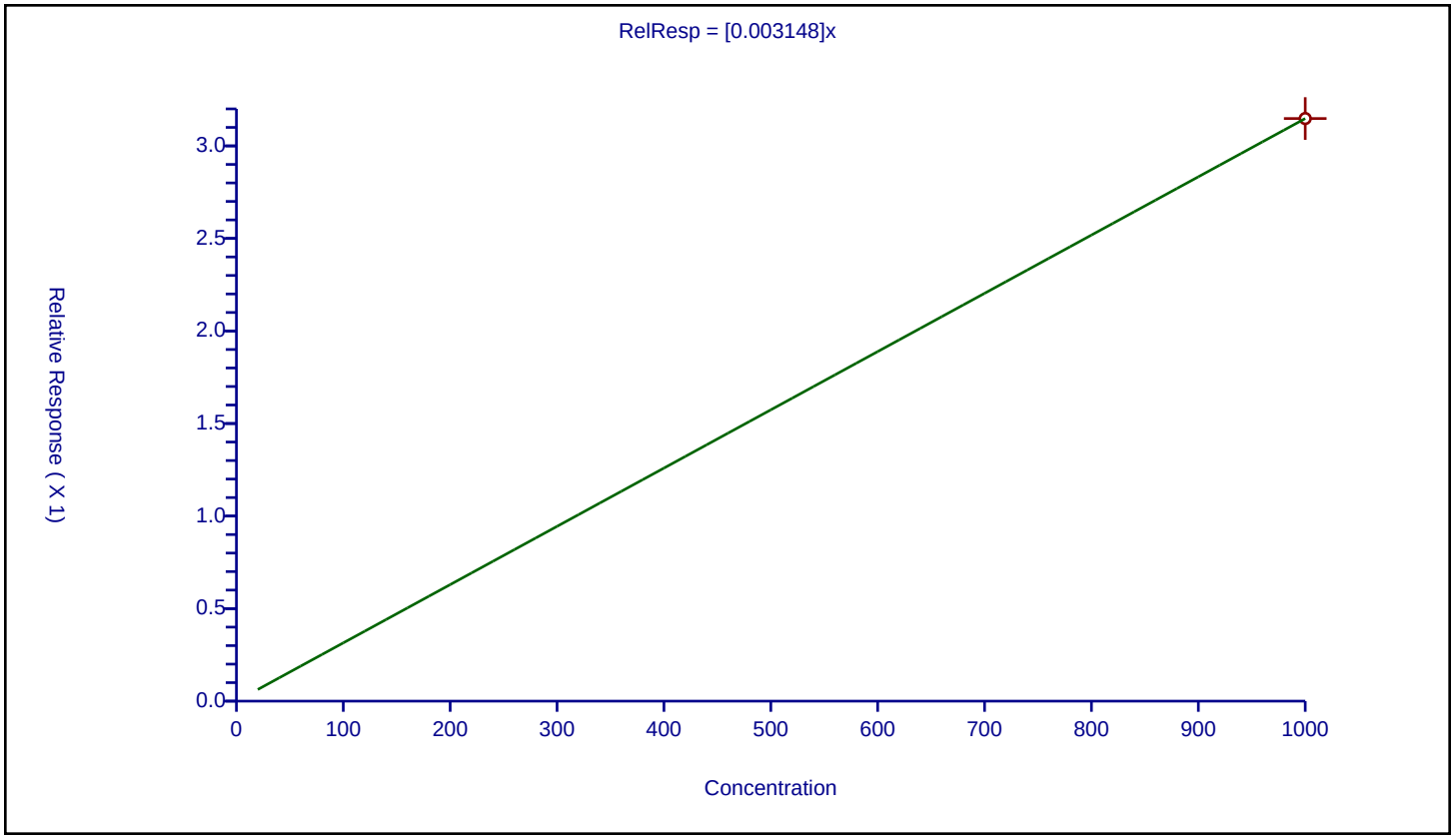
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.003148 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 3.14787 | 20.0 | 181301685.0 | 0.003148 | Y |



## Calibration / PCB-1221 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

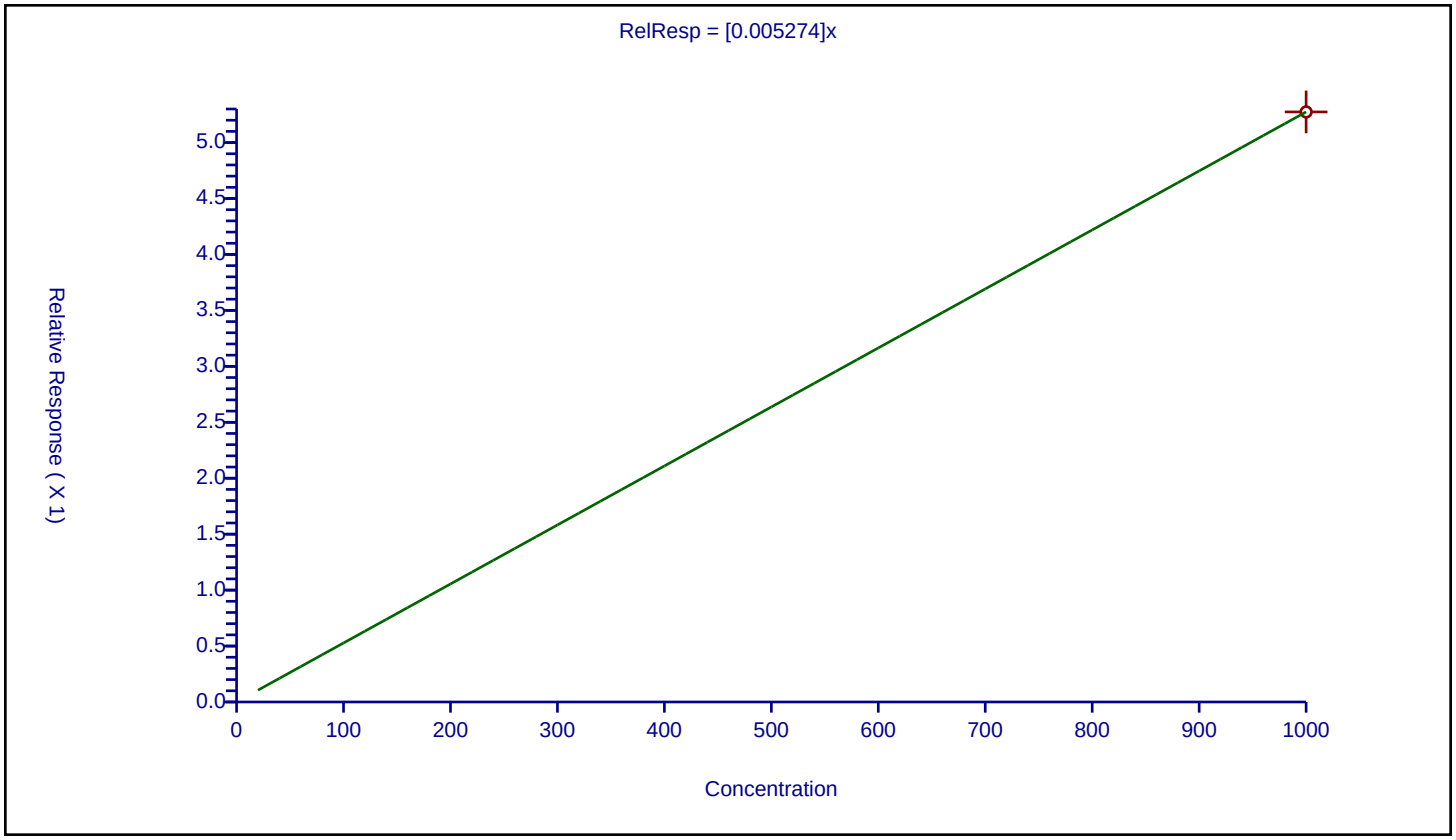
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.005274 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 5.273974 | 20.0 | 181301685.0 | 0.005274 | Y |



## Calibration / PCB-1221 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

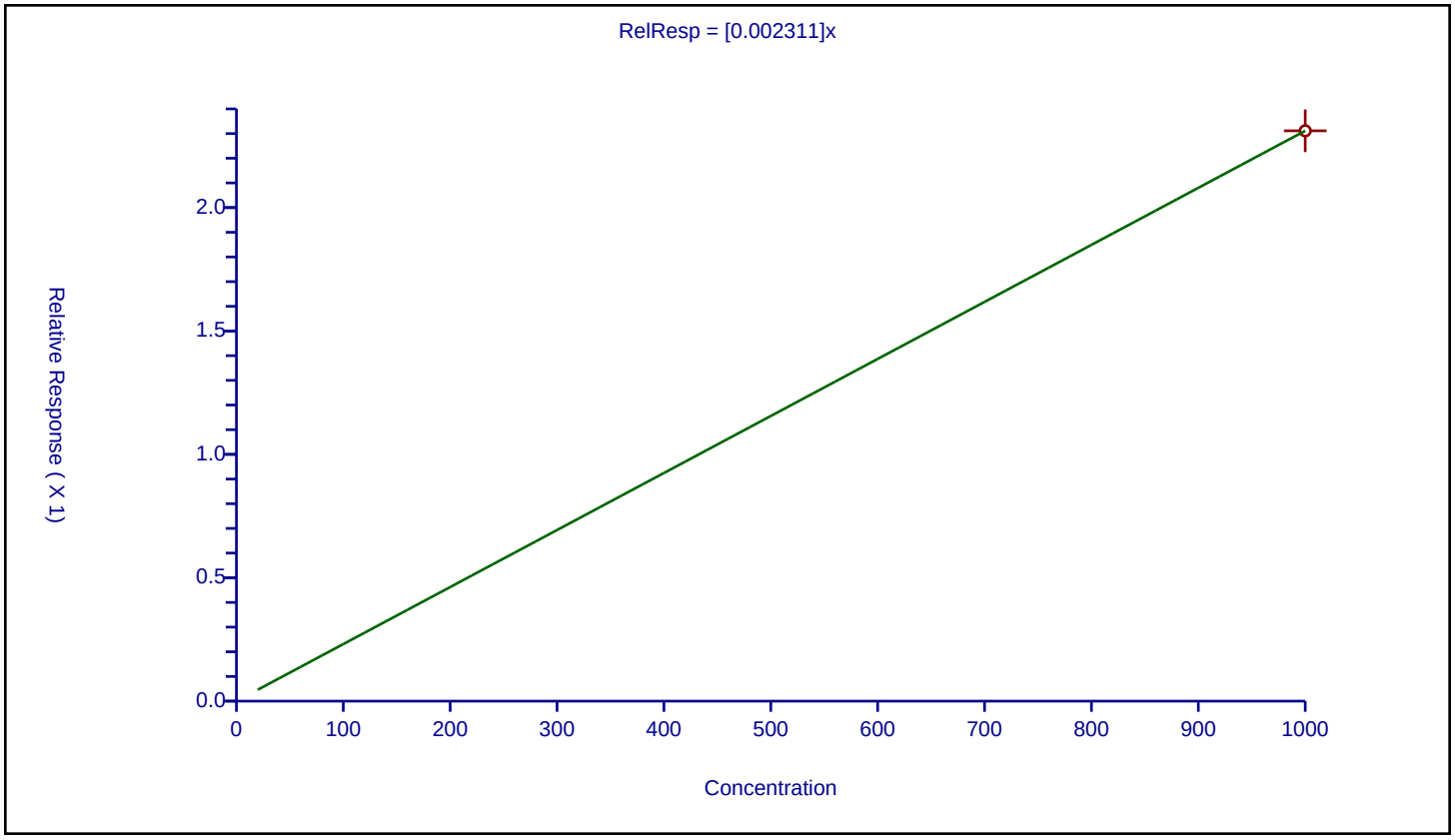
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.002311 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/8 | 1000.0 | 2.311218 | 20.0 | 181301685.0 | 0.002311 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:59 Calibration End Date: 10/23/2024 11:59 Calibration ID: 98949

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/9 | 14F0008286.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 0.0201 | | | | | Ave | | 0.0201 | | | | | | 20.0 | | | |
| PCB-1232 Peak 2 | 0.0164 | | | | | Ave | | 0.0164 | | | | | | 20.0 | | | |
| PCB-1232 Peak 3 | 0.0328 | | | | | Ave | | 0.0328 | | | | | | 20.0 | | | |
| PCB-1232 Peak 4 | 0.0129 | | | | | Ave | | 0.0129 | | | | | | 20.0 | | | |
| PCB-1232 Peak 5 | 0.0083 | | | | | Ave | | 0.0083 | | | | | | 20.0 | | | |
| PCB-1232 Peak 6 | 0.0100 | | | | | Ave | | 0.0100 | | | | | | 20.0 | | | |
| PCB-1232 Peak 7 | 0.0108 | | | | | Ave | | 0.0108 | | | | | | 20.0 | | | |
| PCB-1232 Peak 8 | 0.0123 | | | | | Ave | | 0.0123 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14  GC Column: Rtx-CLP  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:59  Calibration End Date: 10/23/2024 11:59  Calibration ID: 98949

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/9 | 14F0008286.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | BNB | Ave | 82521224 | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | BNB | Ave | 67171886 | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | BNB | Ave | 134703141 | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | BNB | Ave | 53137757 | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | BNB | Ave | 33998187 | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | BNB | Ave | 41082437 | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | BNB | Ave | 44211301 | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | BNB | Ave | 50481066 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 11:59:59 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-009
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:27 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:54:44

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.294 | 0.000 | 82144539 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 183228317 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 3 PCB-1232 | | | | | | | Ma |
| 1 | 4.075 | 4.075 | 0.000 | 82521224 | 1000.0 | 1000.0 | a |
| 1 | 4.617 | 4.617 | 0.000 | 67171886 | 1000.0 | 1000.0 | a |
| 1 | 5.220 | 5.220 | 0.000 | 134703141 | 1000.0 | 1000.0 | M |
| 1 | 5.396 | 5.396 | 0.000 | 53137757 | 1000.0 | 1000.0 | M |
| 1 | 5.537 | 5.537 | 0.000 | 33998187 | 1000.0 | 1000.0 | M |
| 1 | 6.061 | 6.061 | 0.000 | 41082437 | 1000.0 | 1000.0 | M |
| 1 | 6.647 | 6.647 | 0.000 | 44211301 | 1000.0 | 1000.0 | M |
| 1 | 6.722 | 6.722 | 0.000 | 50481066 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.161 | 3.161 | 0.000 | 180638237 | 1000.0 | 1000.0 | a |
| 2 | 3.580 | 3.580 | 0.000 | 122820766 | 1000.0 | 1000.0 | M |
| 2 | 3.815 | 3.815 | 0.000 | 83981181 | 1000.0 | 1000.0 | M |
| 2 | 4.127 | 4.127 | 0.000 | 290650071 | 1000.0 | 1000.0 | M |
| 2 | 4.284 | 4.284 | 0.000 | 116501424 | 1000.0 | 1000.0 | M |
| 2 | 4.358 | 4.358 | 0.000 | 75548808 | 1000.0 | 1000.0 | M |
| 2 | 4.782 | 4.782 | 0.000 | 113444497 | 1000.0 | 1000.0 | M |
| 2 | 5.292 | 5.292 | 0.000 | 186874560 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1232L4_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:02:27 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D

Injection Date: 23-Oct-2024 11:59:59 Instrument ID: CPESTGC14 Operator ID:

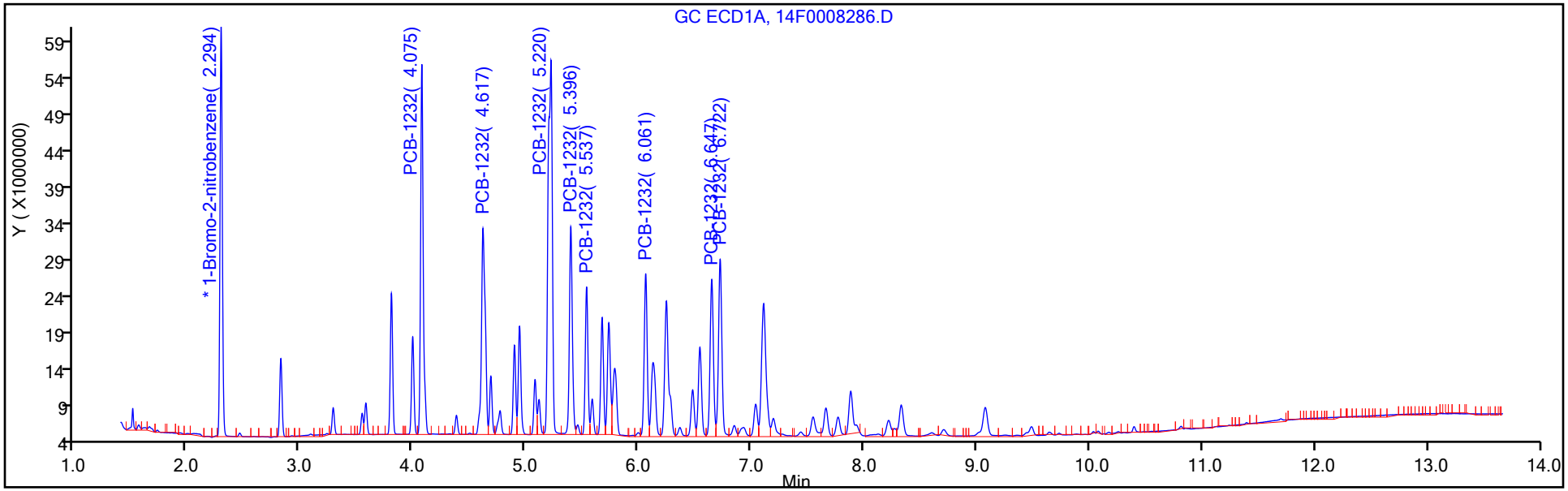
Lims ID: IC 1232 Worklist Smp#: 9

Client ID:

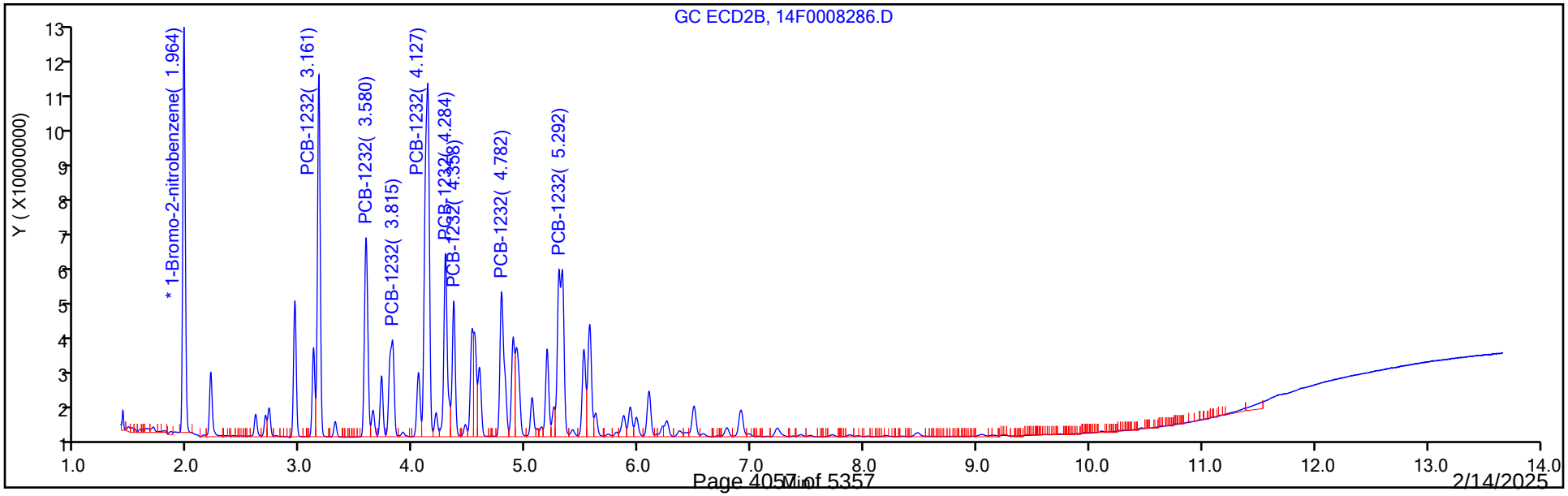
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

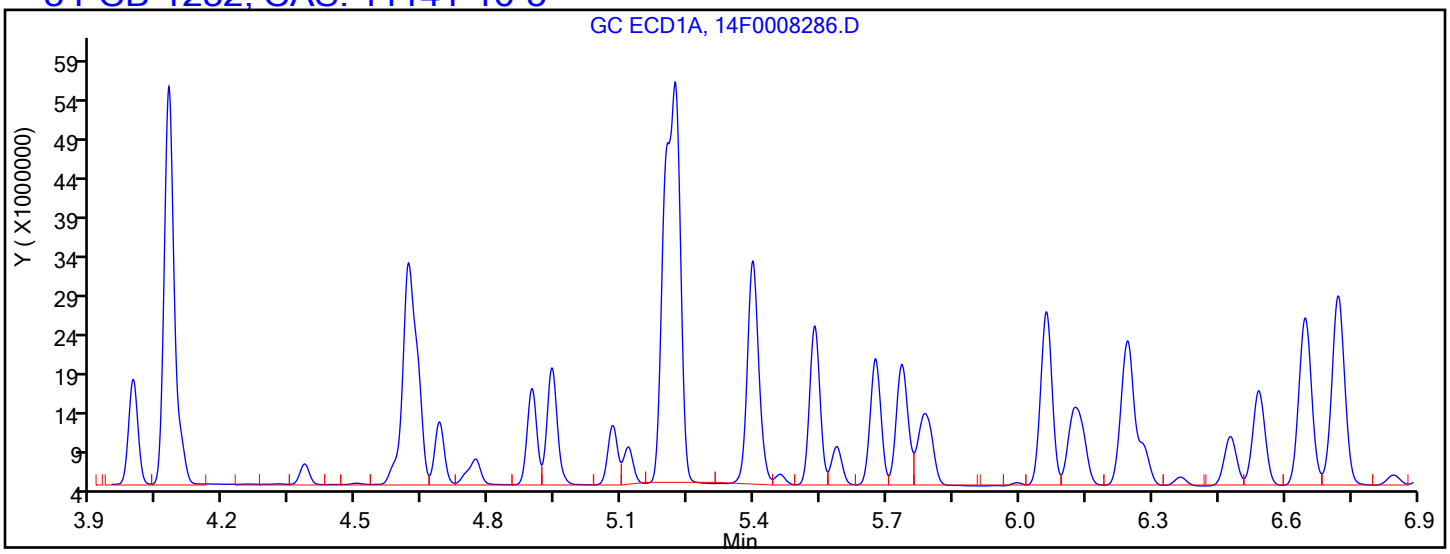
12:32:58 PM

Report Date: 23-Oct-2024 14:02:27 Chrom Revision: 2.3 24-Sep-2024 15:19:46

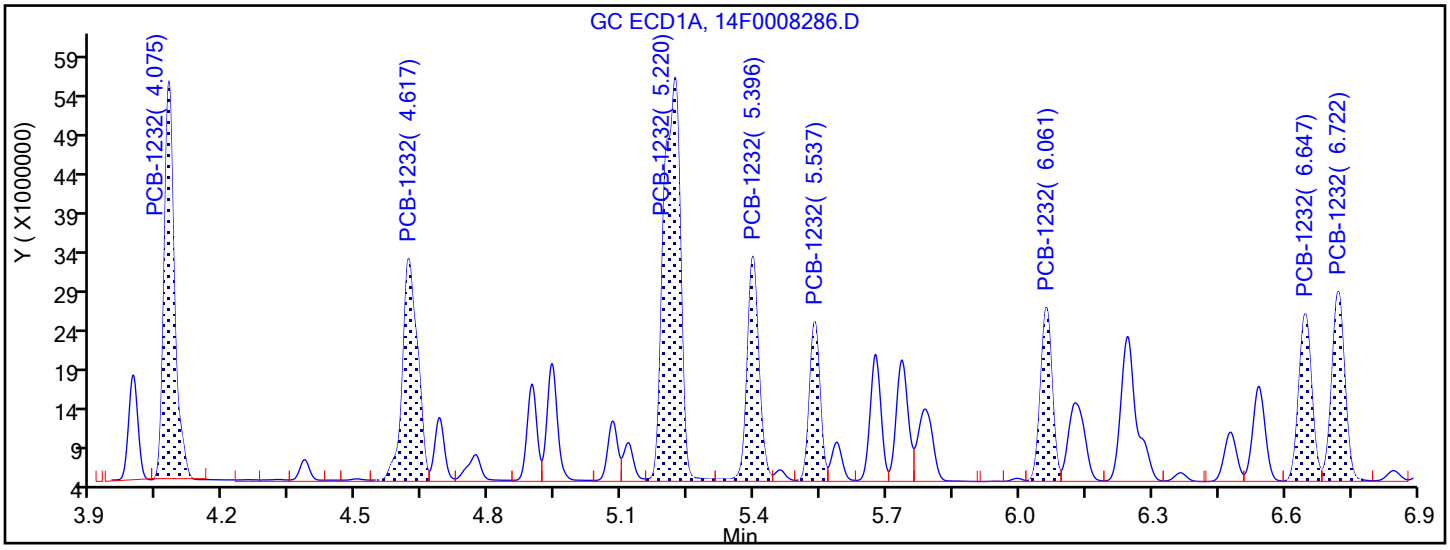
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D
Injection Date: 23-Oct-2024 11:59:59 Instrument ID: CPESTGC14
Lims ID: IC 1232
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 3 PCB-1232, CAS: 11141-16-5




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 4.075 | Response = 82521224 | M |
| 4.617 | Response = 67171886 | M |
| 5.220 | Response = 134703141 | M |
| 5.396 | Response = 53137757 | M |
| 5.537 | Response = 33998187 | M |
| 6.061 | Response = 41082437 | M |
| 6.647 | Response = 44211301 | M |
| 6.722 | Response = 50481066 | M |

Reviewer: OR9X, 23-Oct-2024 12:53:24 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline Smoothing

## Calibration / PCB-1232 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

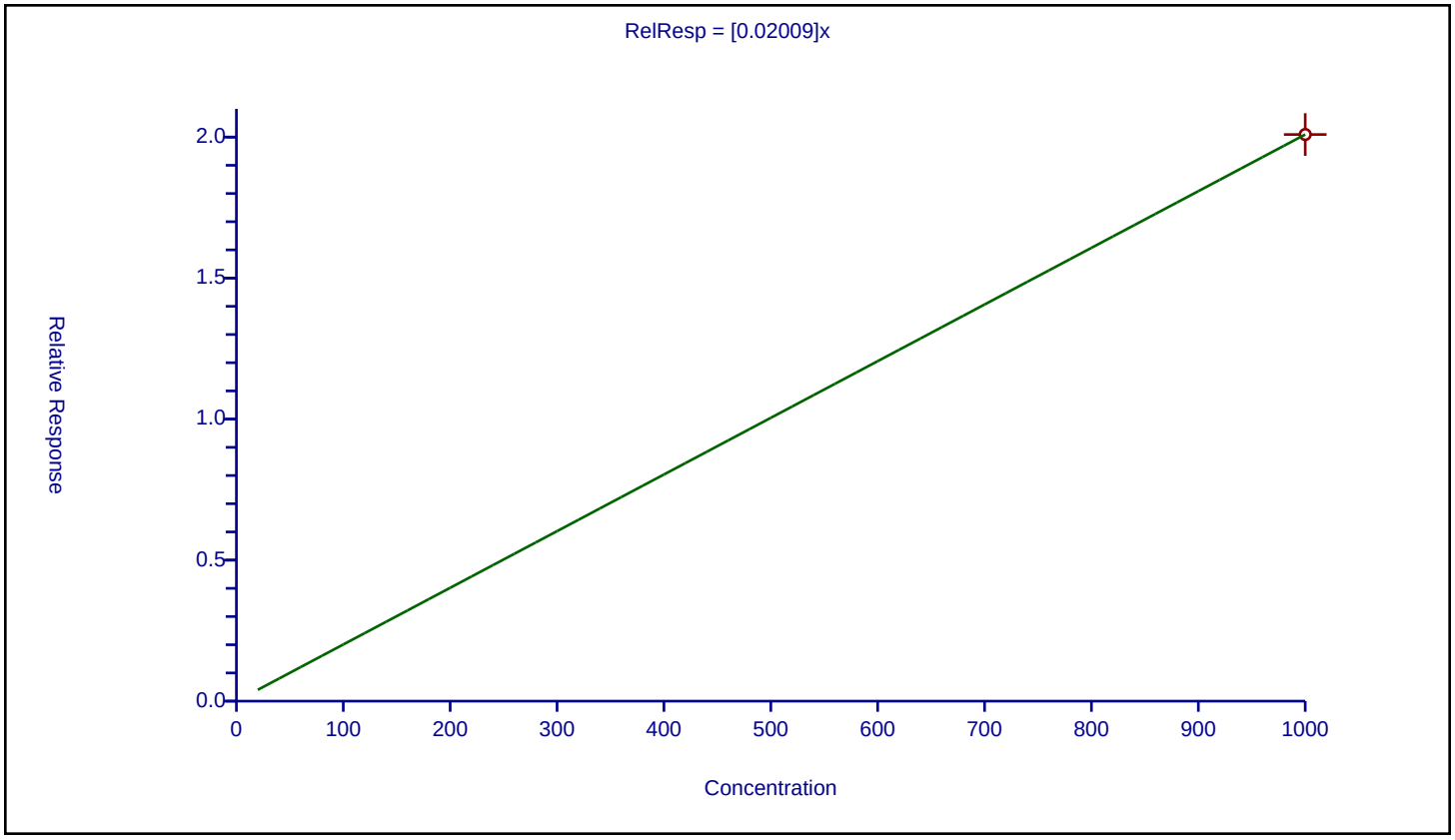
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02009 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 20.091713 | 20.0 | 82144539.0 | 0.020092 | Y |



## Calibration / PCB-1232 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

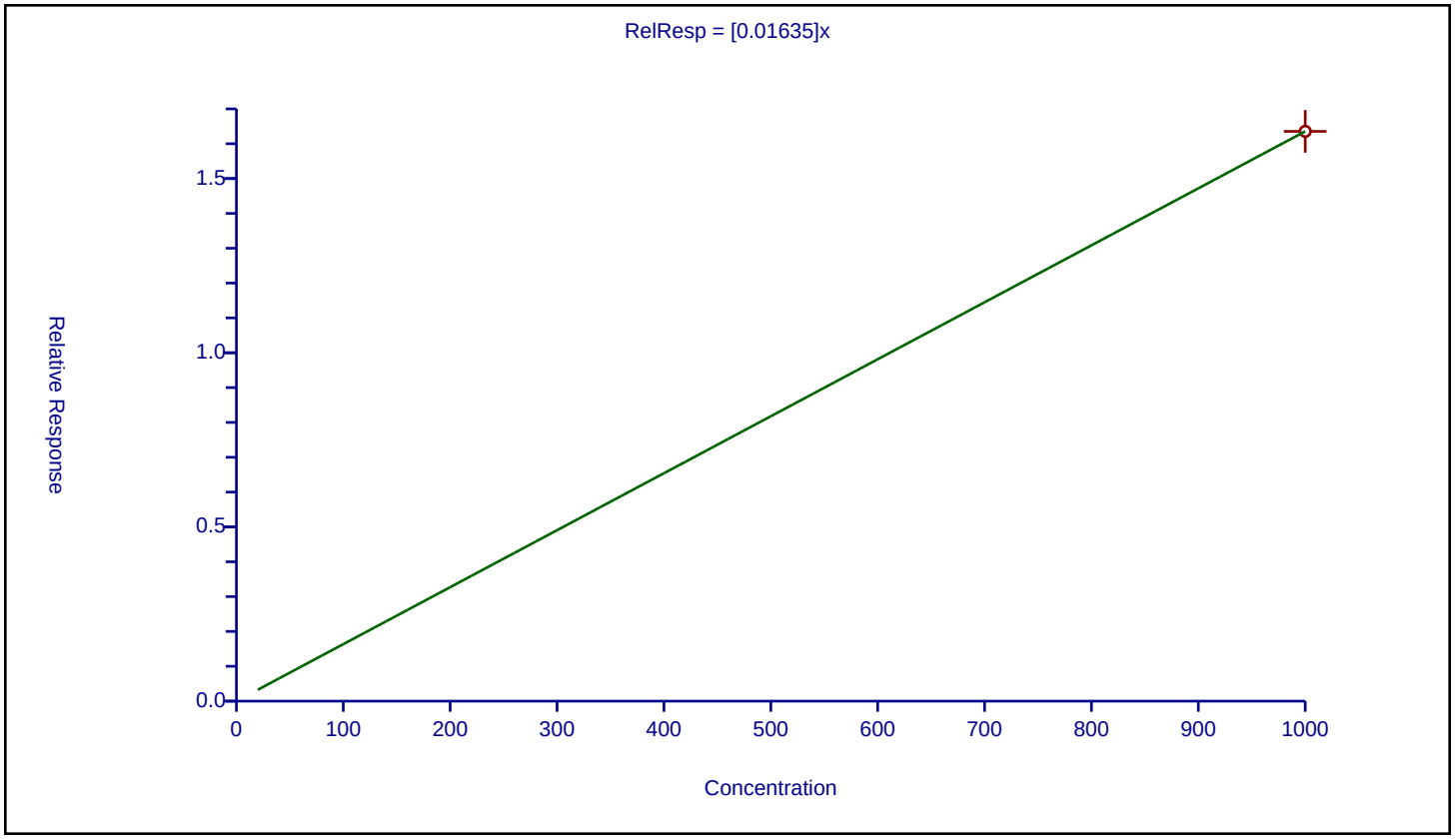
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01635 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 16.354559 | 20.0 | 82144539.0 | 0.016355 | Y |



## Calibration / PCB-1232 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

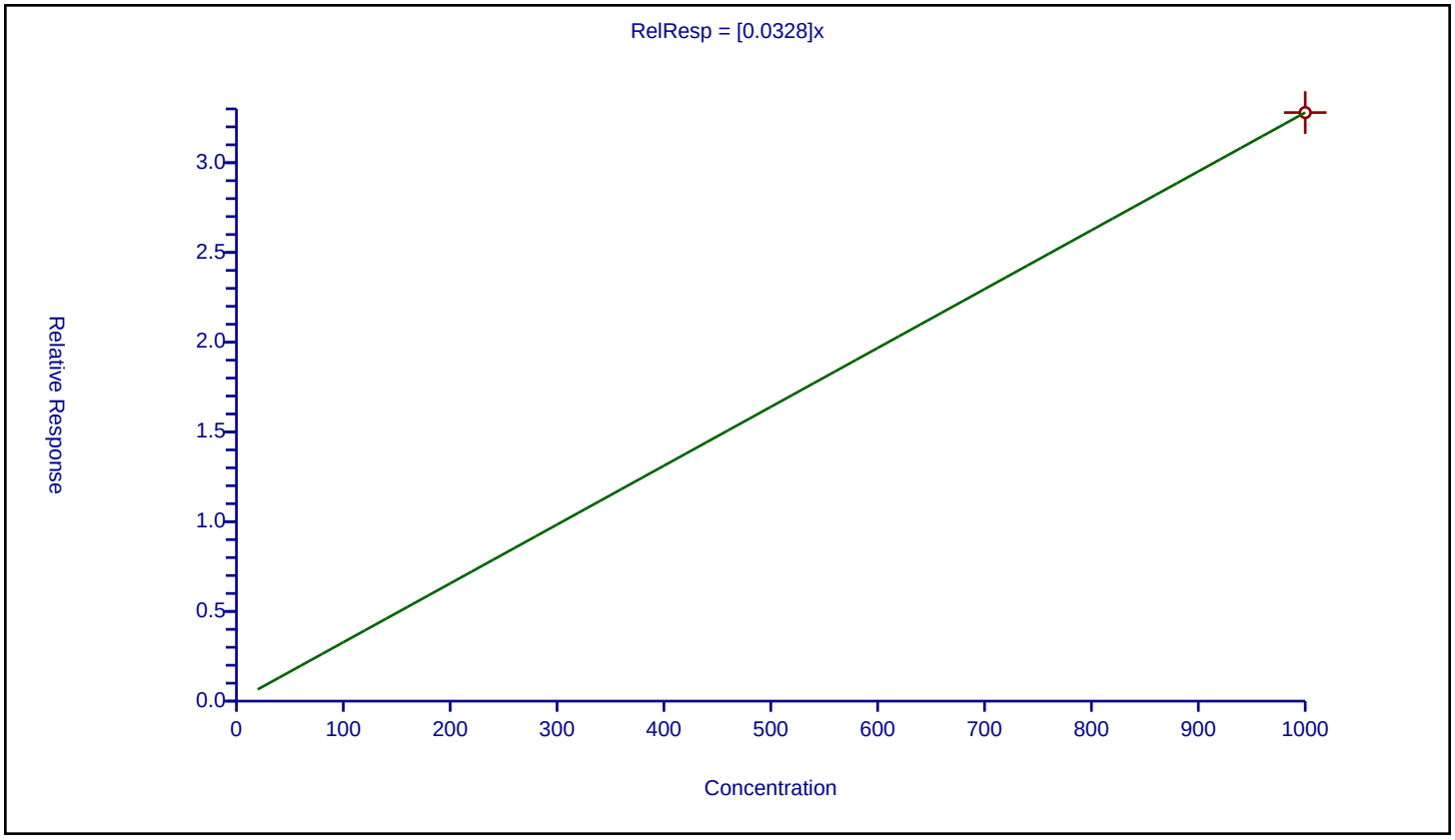
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0328 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 32.796615 | 20.0 | 82144539.0 | 0.032797 | Y |



## Calibration / PCB-1232 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

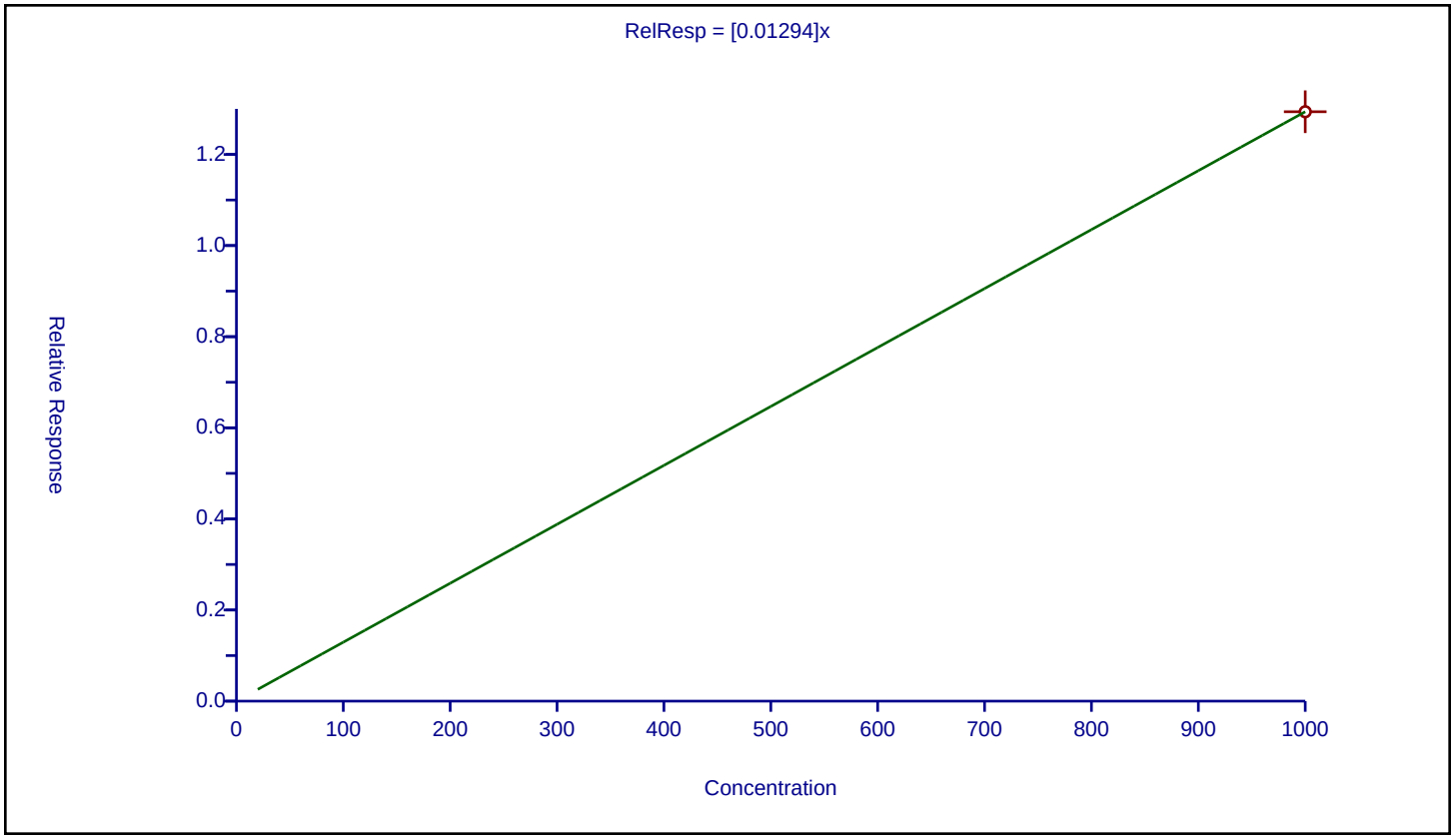
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01294 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 12.937624 | 20.0 | 82144539.0 | 0.012938 | Y |



## Calibration / PCB-1232 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

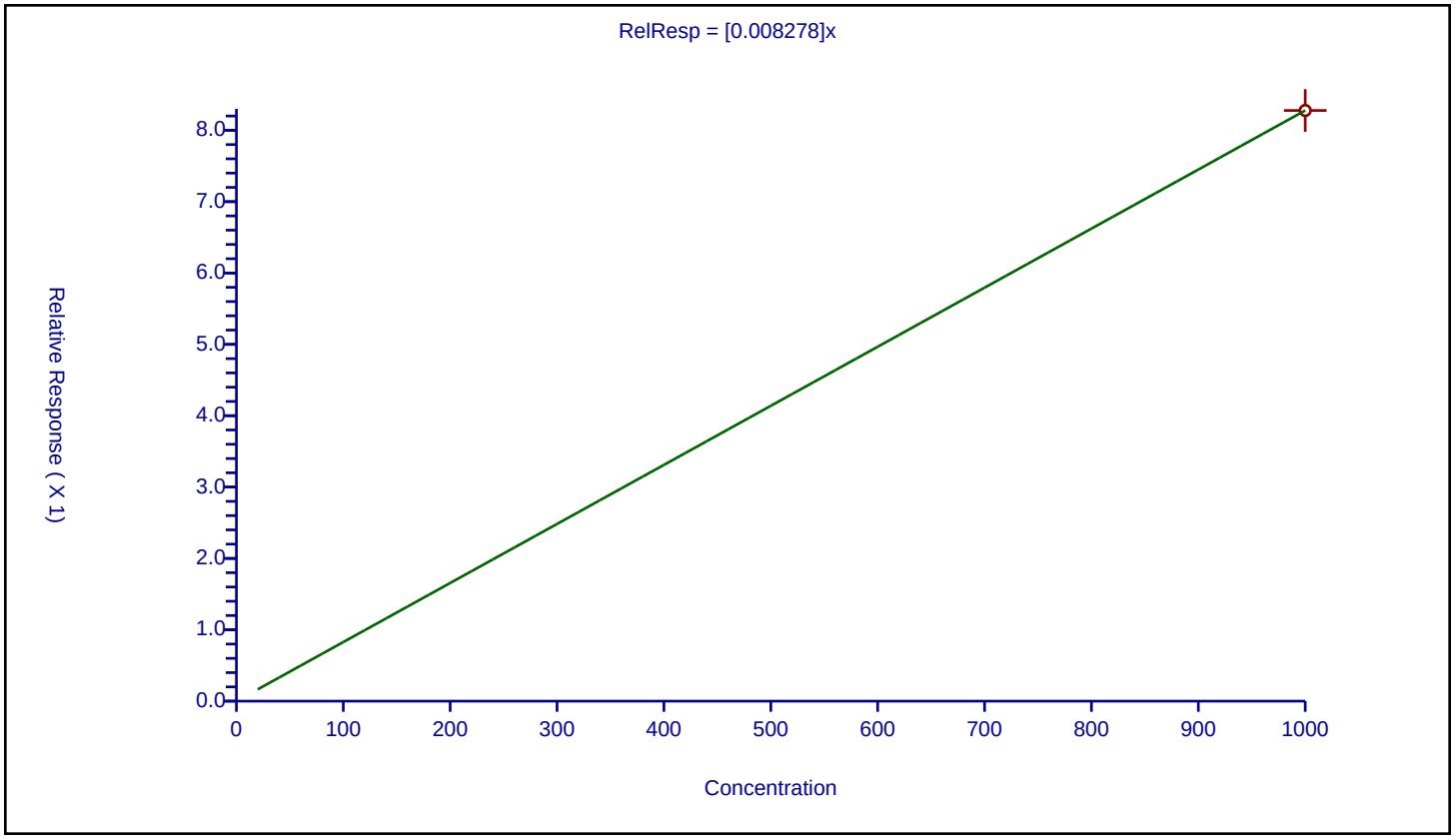
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.008278 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 8.27765 | 20.0 | 82144539.0 | 0.008278 | Y |



## Calibration / PCB-1232 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

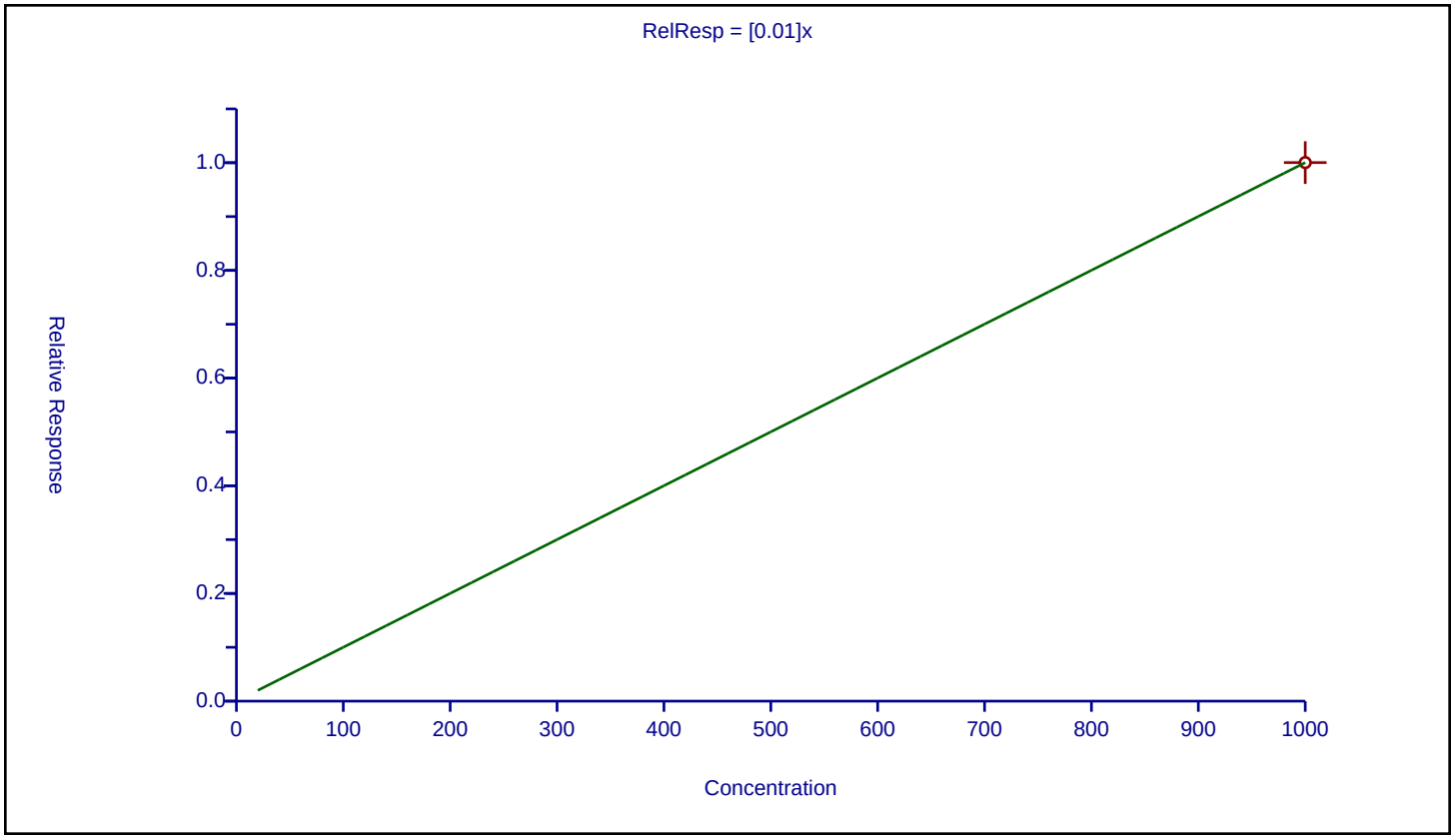
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 10.002476 | 20.0 | 82144539.0 | 0.010002 | Y |



## Calibration / PCB-1232 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

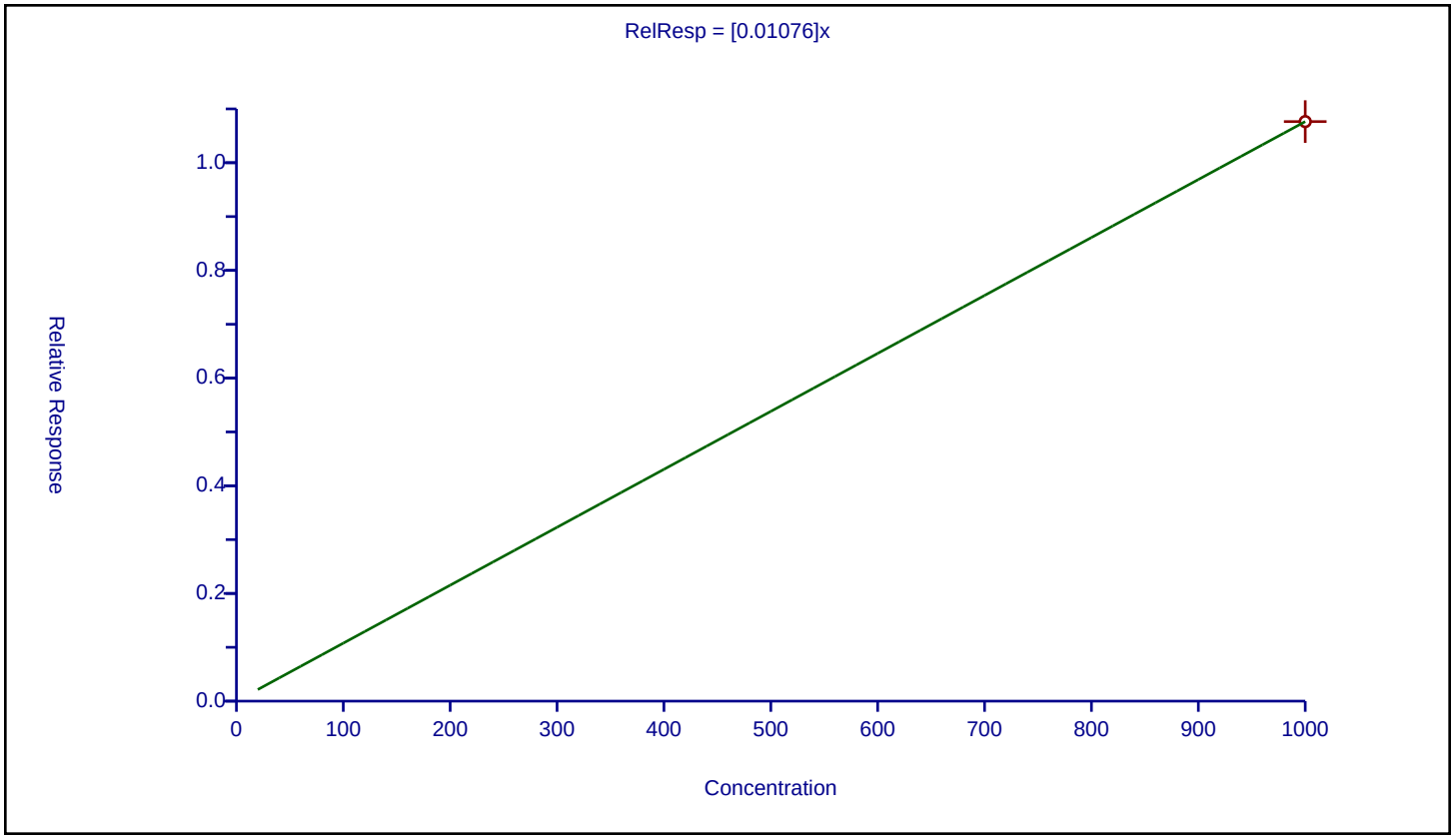
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01076 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 10.76427 | 20.0 | 82144539.0 | 0.010764 | Y |



## Calibration / PCB-1232 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

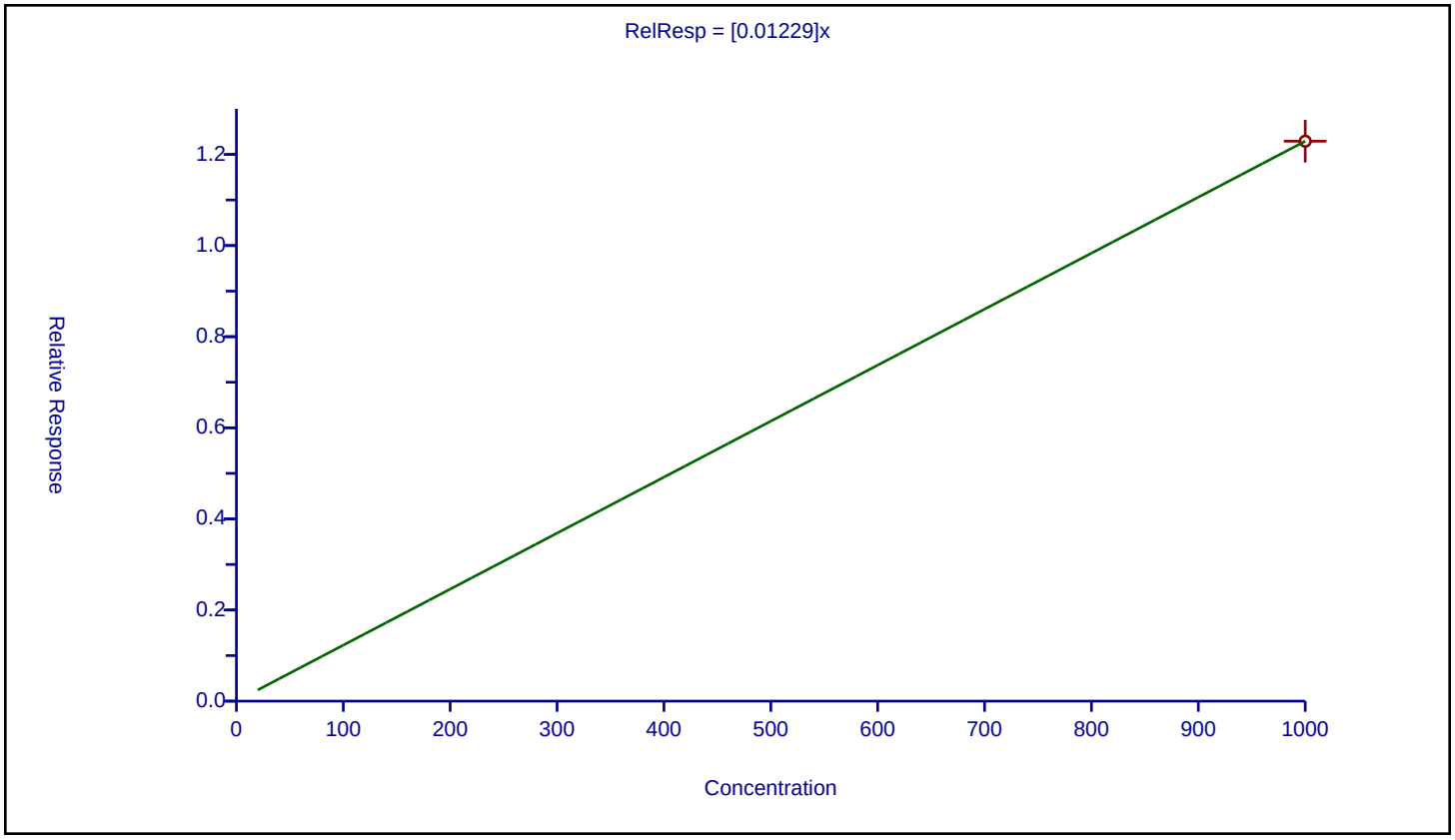
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01229 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 12.290791 | 20.0 | 82144539.0 | 0.012291 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:59 Calibration End Date: 10/23/2024 11:59 Calibration ID: 98950

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/9 | 14F0008286.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 0.0197 | | | | | Ave | | 0.0197 | | | | | | 20.0 | | | |
| PCB-1232 Peak 2 | 0.0134 | | | | | Ave | | 0.0134 | | | | | | 20.0 | | | |
| PCB-1232 Peak 3 | 0.0092 | | | | | Ave | | 0.0092 | | | | | | 20.0 | | | |
| PCB-1232 Peak 4 | 0.0317 | | | | | Ave | | 0.0317 | | | | | | 20.0 | | | |
| PCB-1232 Peak 5 | 0.0127 | | | | | Ave | | 0.0127 | | | | | | 20.0 | | | |
| PCB-1232 Peak 6 | 0.0082 | | | | | Ave | | 0.0082 | | | | | | 20.0 | | | |
| PCB-1232 Peak 7 | 0.0124 | | | | | Ave | | 0.0124 | | | | | | 20.0 | | | |
| PCB-1232 Peak 8 | 0.0204 | | | | | Ave | | 0.0204 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14  GC Column: CLP-2  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 11:59  Calibration End Date: 10/23/2024 11:59  Calibration ID: 98950

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/9 | 14F0008286.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | BNB | Ave | 180638237 | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | BNB | Ave | 122820766 | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | BNB | Ave | 83981181 | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | BNB | Ave | 290650071 | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | BNB | Ave | 116501424 | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | BNB | Ave | 75548808 | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | BNB | Ave | 113444497 | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | BNB | Ave | 186874560 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 11:59:59 ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-009
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:27 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:54:44

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.294 | 0.000 | 82144539 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 183228317 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 3 PCB-1232 | | | | | | | Ma |
| 1 | 4.075 | 4.075 | 0.000 | 82521224 | 1000.0 | 1000.0 | a |
| 1 | 4.617 | 4.617 | 0.000 | 67171886 | 1000.0 | 1000.0 | a |
| 1 | 5.220 | 5.220 | 0.000 | 134703141 | 1000.0 | 1000.0 | M |
| 1 | 5.396 | 5.396 | 0.000 | 53137757 | 1000.0 | 1000.0 | M |
| 1 | 5.537 | 5.537 | 0.000 | 33998187 | 1000.0 | 1000.0 | M |
| 1 | 6.061 | 6.061 | 0.000 | 41082437 | 1000.0 | 1000.0 | M |
| 1 | 6.647 | 6.647 | 0.000 | 44211301 | 1000.0 | 1000.0 | M |
| 1 | 6.722 | 6.722 | 0.000 | 50481066 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.161 | 3.161 | 0.000 | 180638237 | 1000.0 | 1000.0 | a |
| 2 | 3.580 | 3.580 | 0.000 | 122820766 | 1000.0 | 1000.0 | M |
| 2 | 3.815 | 3.815 | 0.000 | 83981181 | 1000.0 | 1000.0 | M |
| 2 | 4.127 | 4.127 | 0.000 | 290650071 | 1000.0 | 1000.0 | M |
| 2 | 4.284 | 4.284 | 0.000 | 116501424 | 1000.0 | 1000.0 | M |
| 2 | 4.358 | 4.358 | 0.000 | 75548808 | 1000.0 | 1000.0 | M |
| 2 | 4.782 | 4.782 | 0.000 | 113444497 | 1000.0 | 1000.0 | M |
| 2 | 5.292 | 5.292 | 0.000 | 186874560 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated
a - User Assigned ID

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1232L4_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:02:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D

Injection Date: 23-Oct-2024 11:59:59 Instrument ID: CPESTGC14 Operator ID:

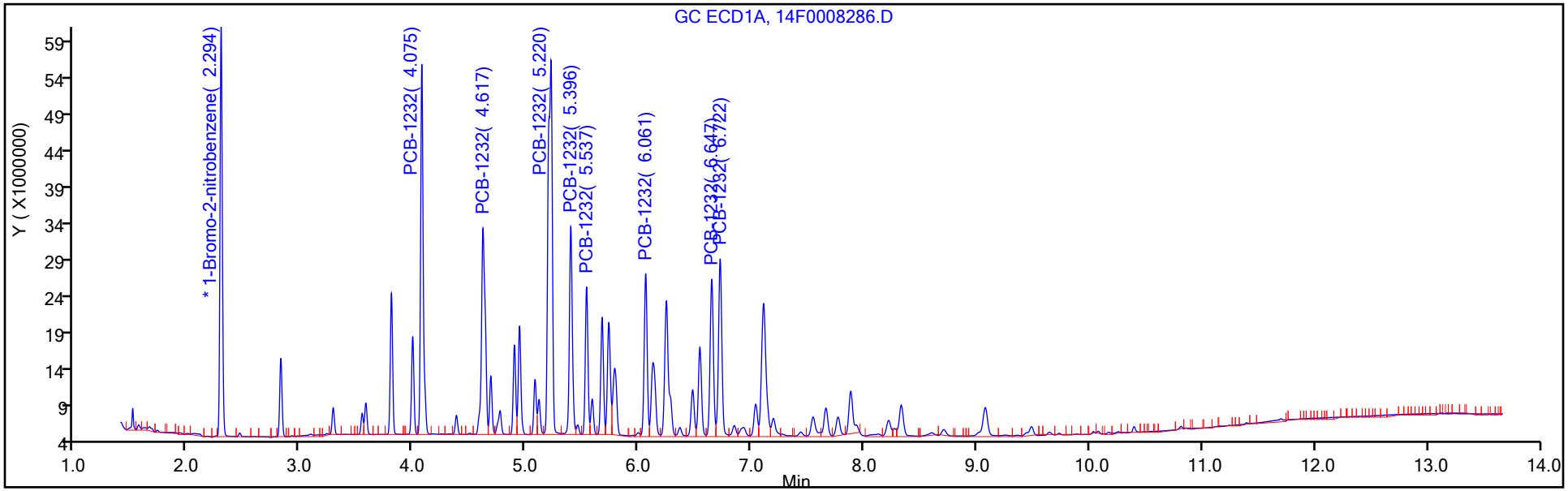
Lims ID: IC 1232 Worklist Smp#: 9

Client ID:

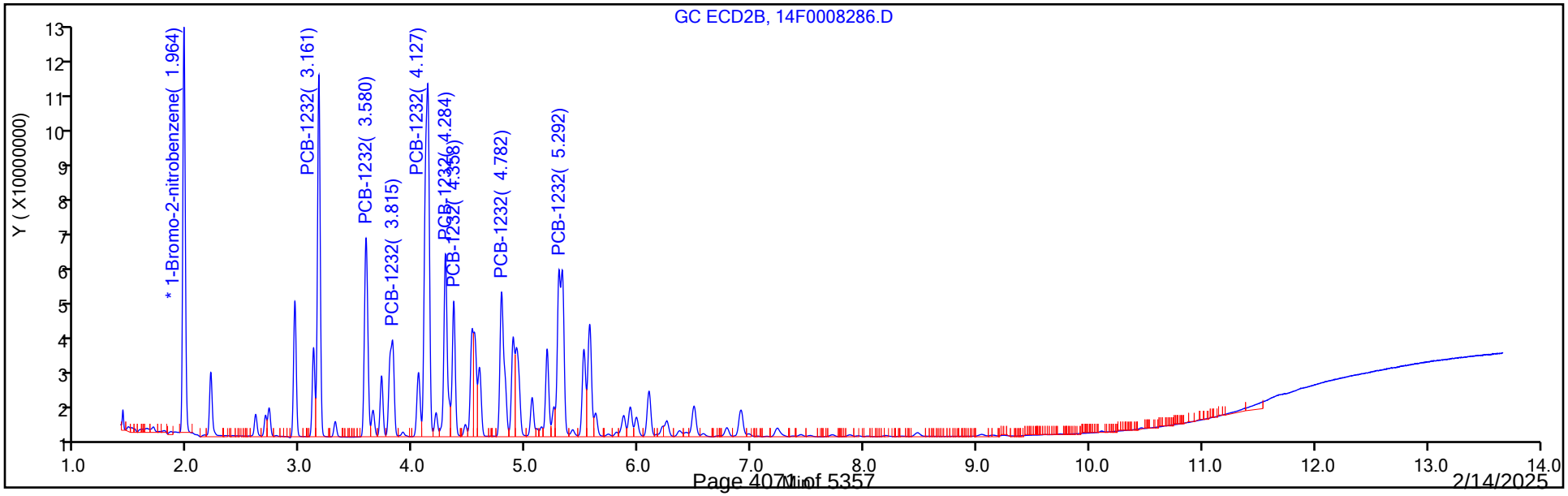
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 12

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

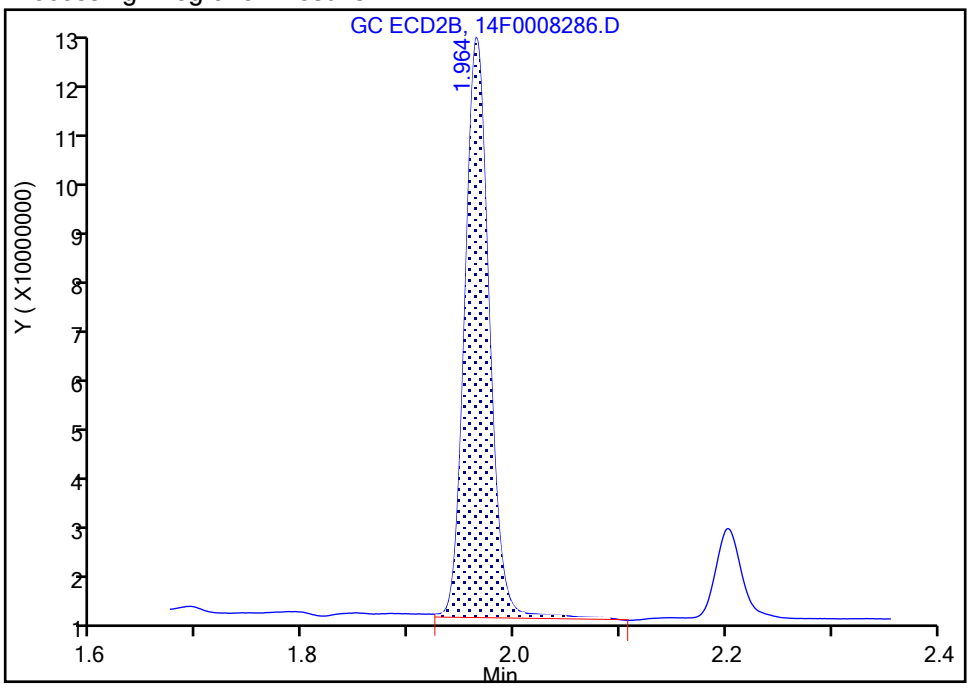
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D
Injection Date: 23-Oct-2024 11:59:59 Instrument ID: CPESTGC14
Lims ID: IC 1232
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

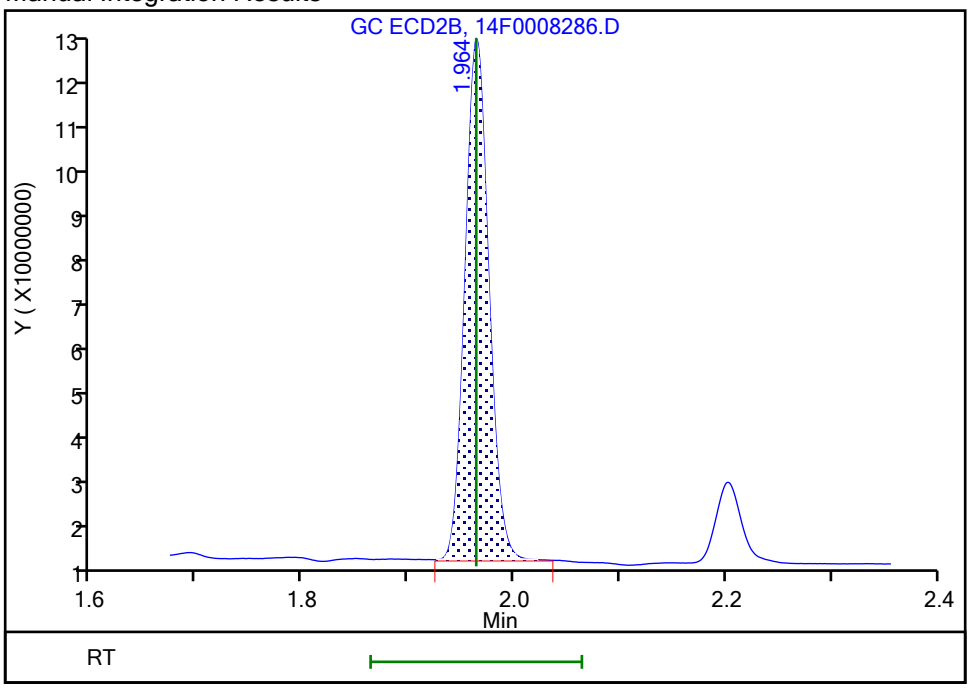
Processing Integration Results

RT: 1.96
Area: 190494053
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 183228317
Amount: 20.000000
Amount Units: ug/l



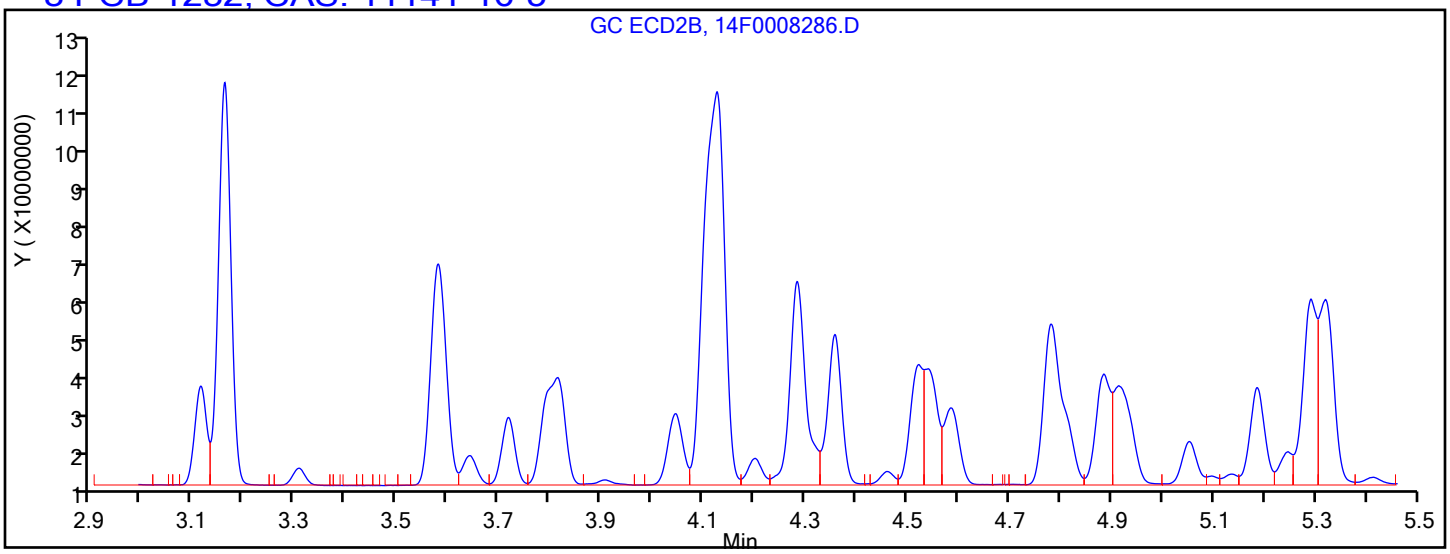

Reviewer: OR9X, 23-Oct-2024 13:52:52 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:28 Chrom Revision: 2.3 24-Sep-2024 15:19:46

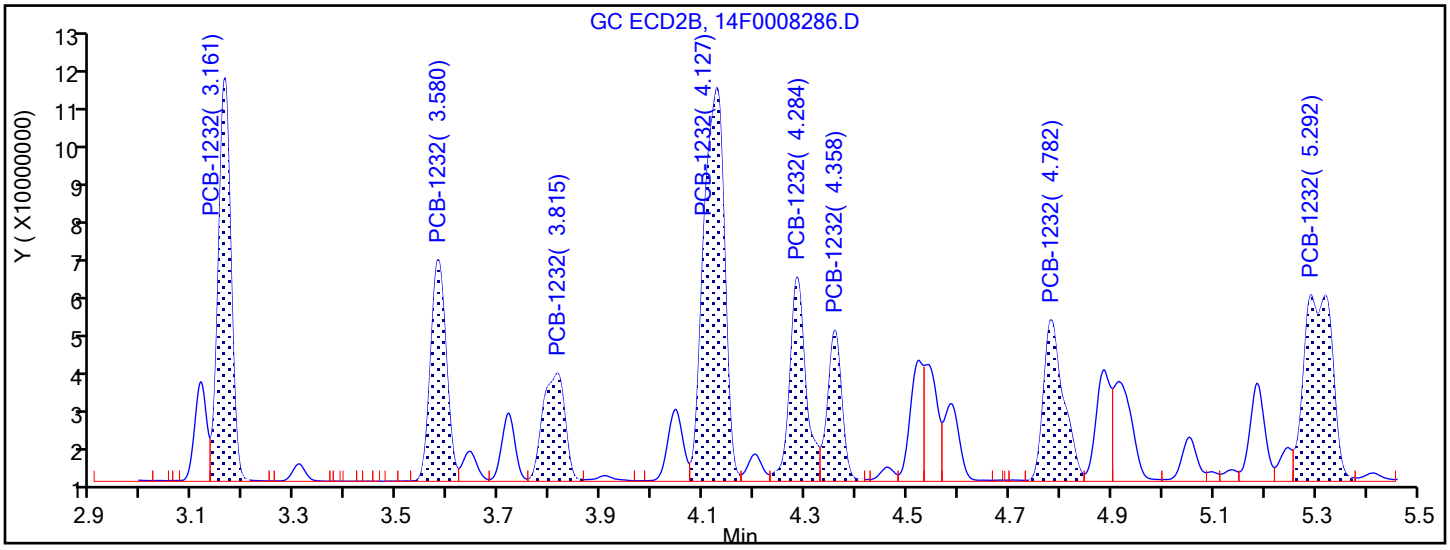
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008286.D
Injection Date: 23-Oct-2024 11:59:59 Instrument ID: CPESTGC14
Lims ID: IC 1232
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 3 PCB-1232, CAS: 11141-16-5




Processing Integration Results




Manual Integration Results

| | | |
|---|---|---|
| 3.161 | Response = 180638237 | M |
| 3.580 | Response = 122820766 | M |
| 3.815 | Response = 83981181 | M |
| 4.127 | Response = 290650071 | M |
| 4.284 | Response = 116501424 | M |
| 4.358 | Response = 75548808 | M |
| 4.782 | Response = 113444497 | M |
| 5.292 | Response = 186874560 | M |

Reviewer: OR9X, 23-Oct-2024 12:54:01 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline Smoothing

## Calibration / PCB-1232 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

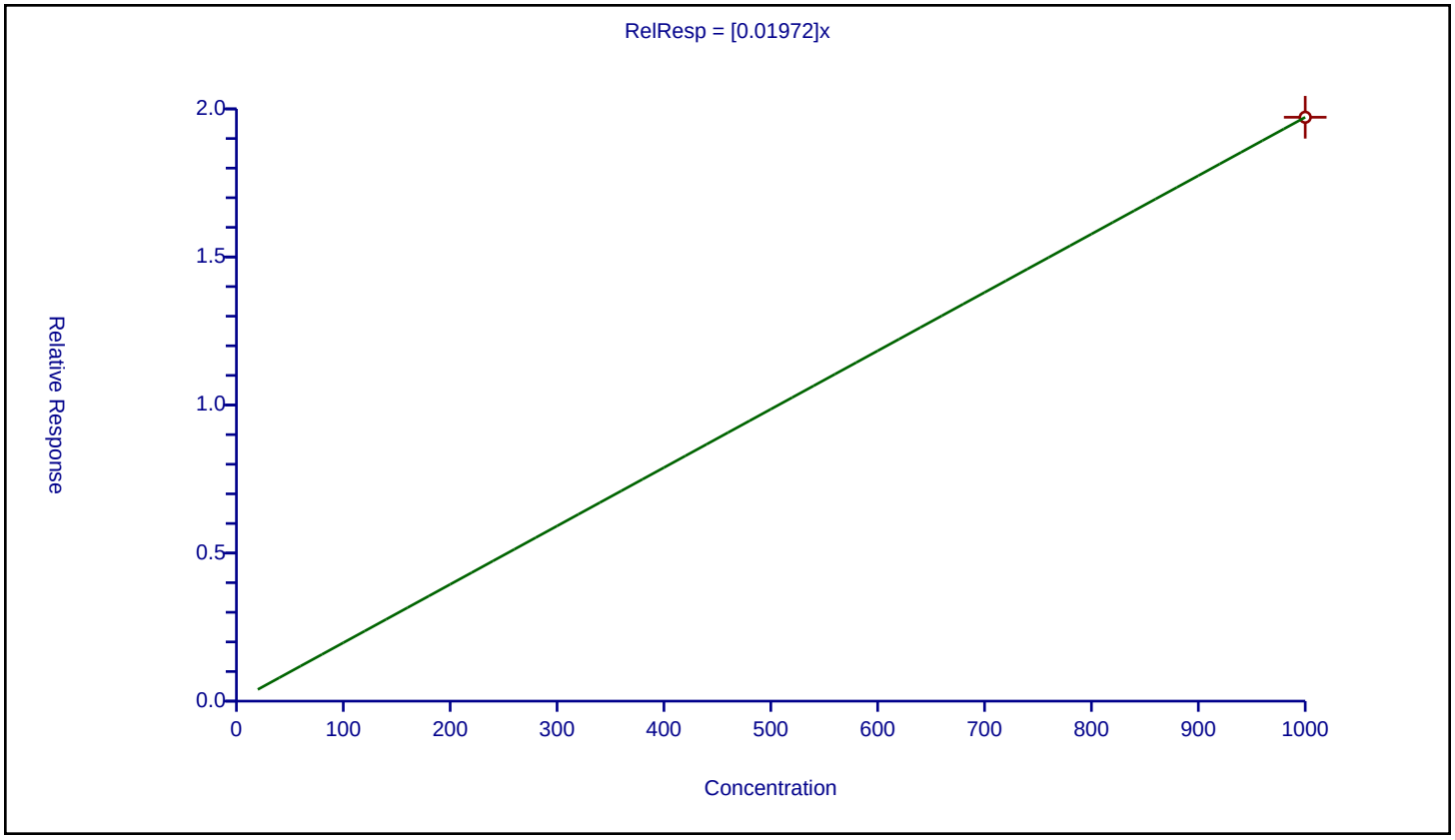
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01972 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 19.717284 | 20.0 | 183228317.0 | 0.019717 | Y |



## Calibration / PCB-1232 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

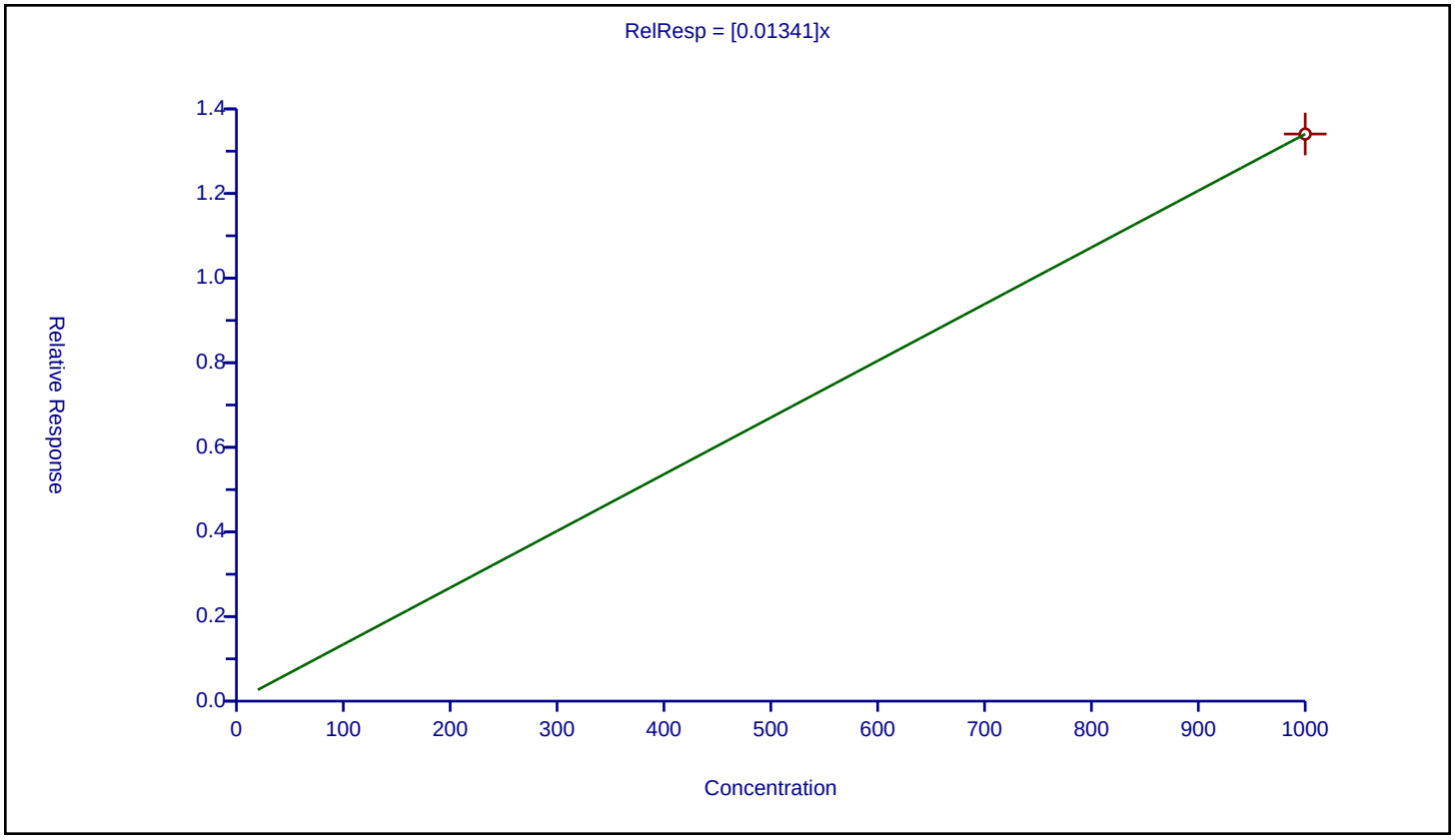
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01341 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 13.406308 | 20.0 | 183228317.0 | 0.013406 | Y |



## Calibration / PCB-1232 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

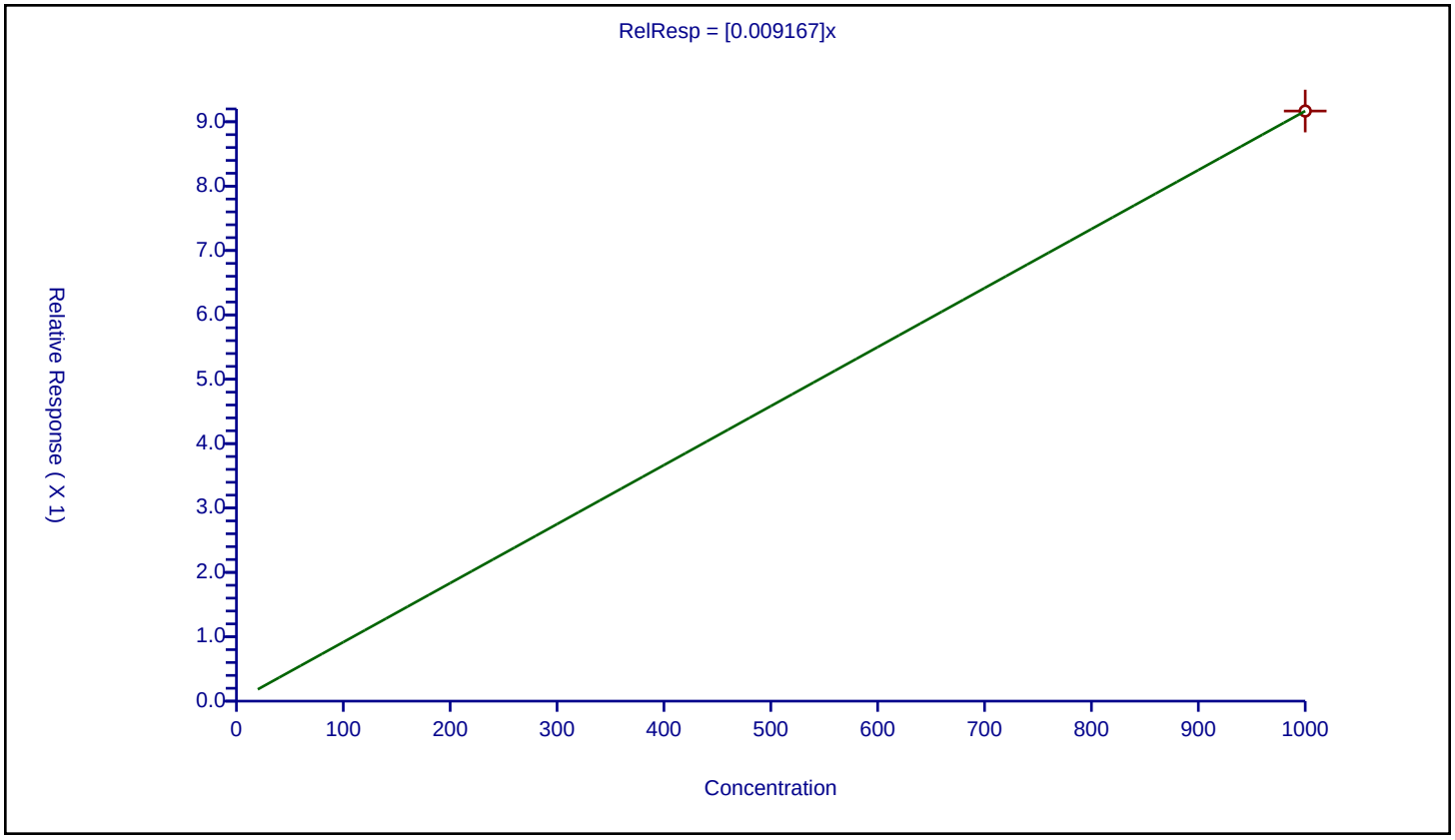
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.009167 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 9.166834 | 20.0 | 183228317.0 | 0.009167 | Y |



## Calibration / PCB-1232 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

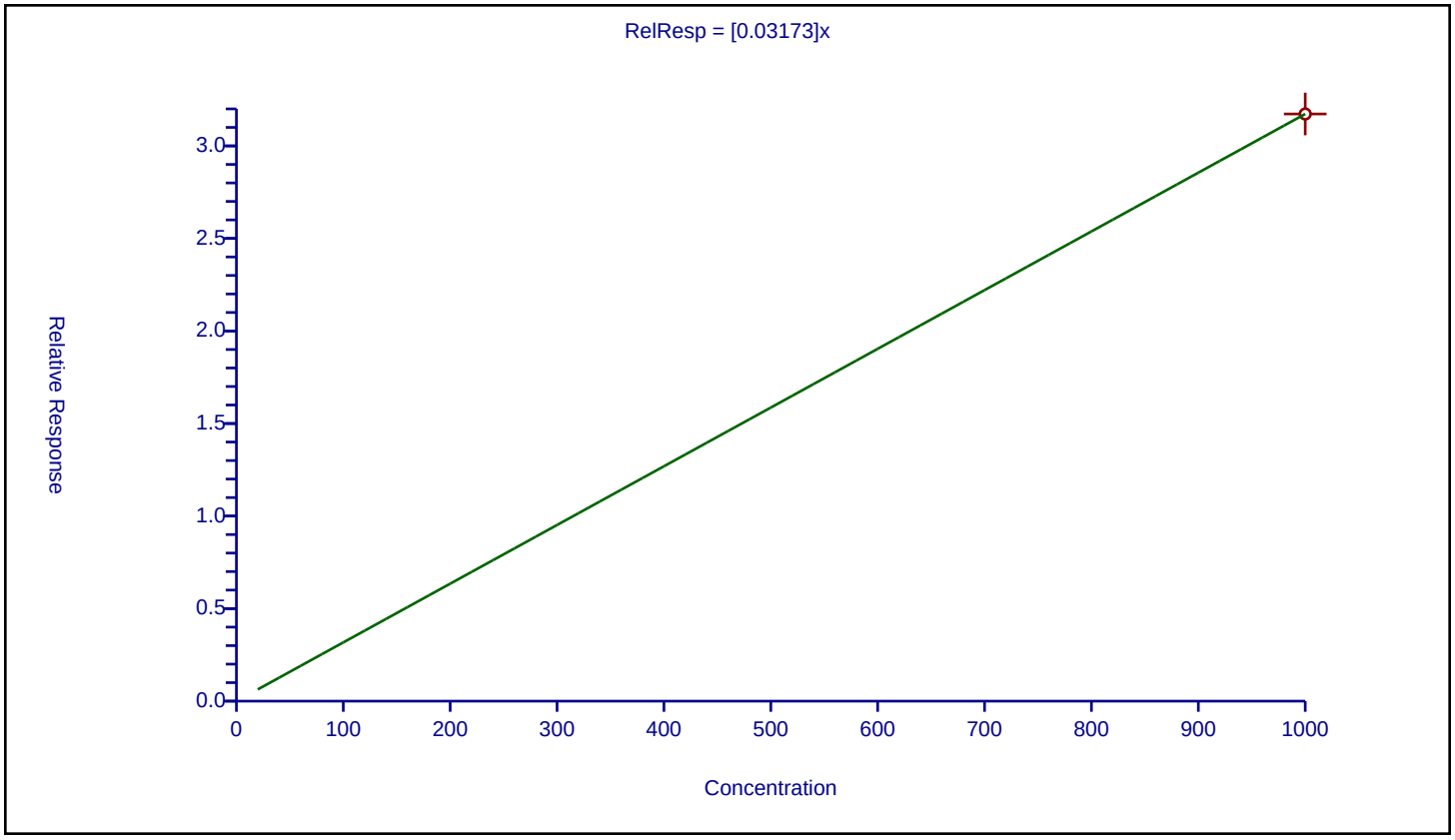
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03173 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 31.725453 | 20.0 | 183228317.0 | 0.031725 | Y |



## Calibration / PCB-1232 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

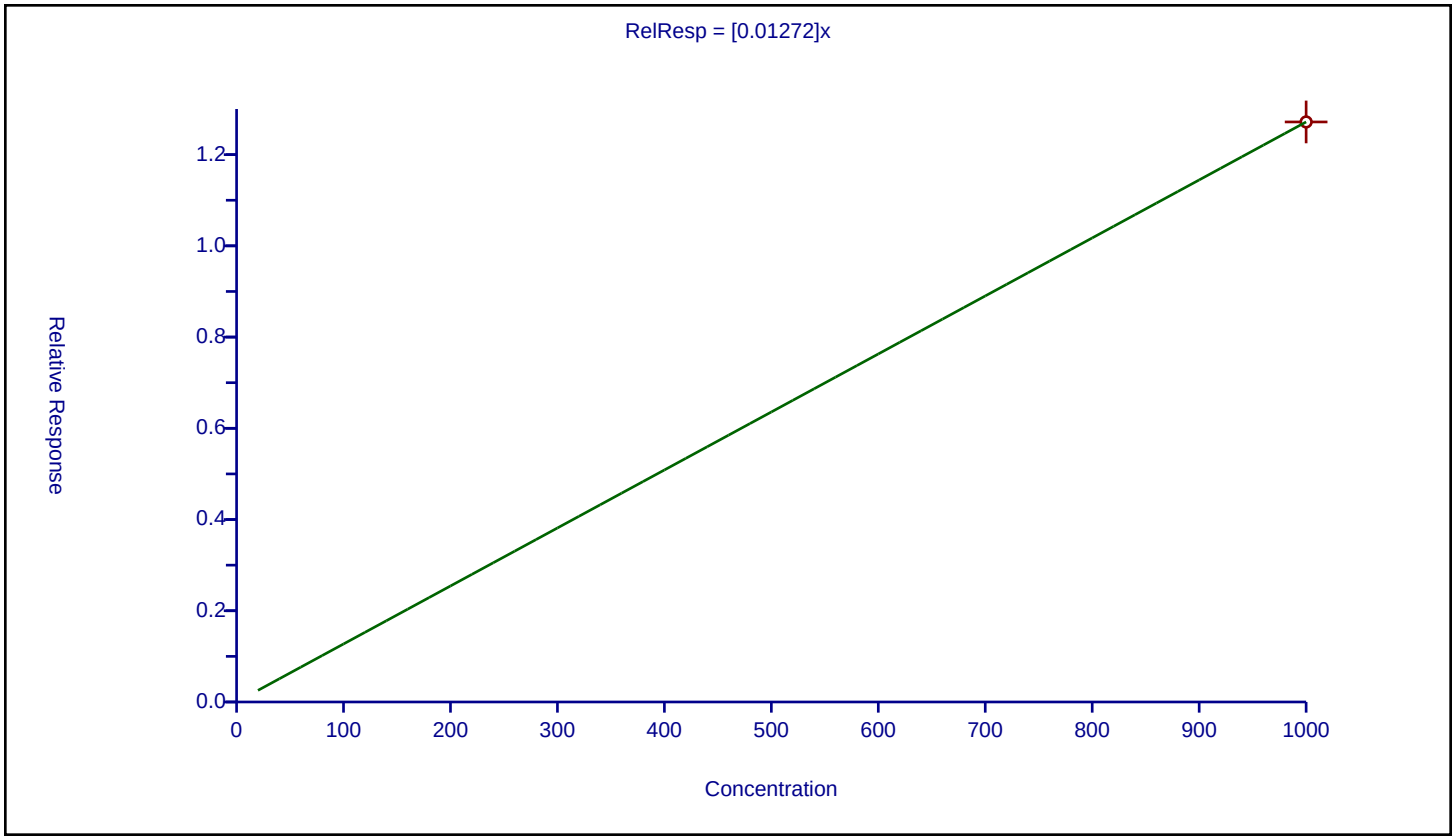
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01272 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 12.71653 | 20.0 | 183228317.0 | 0.012717 | Y |



## Calibration / PCB-1232 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

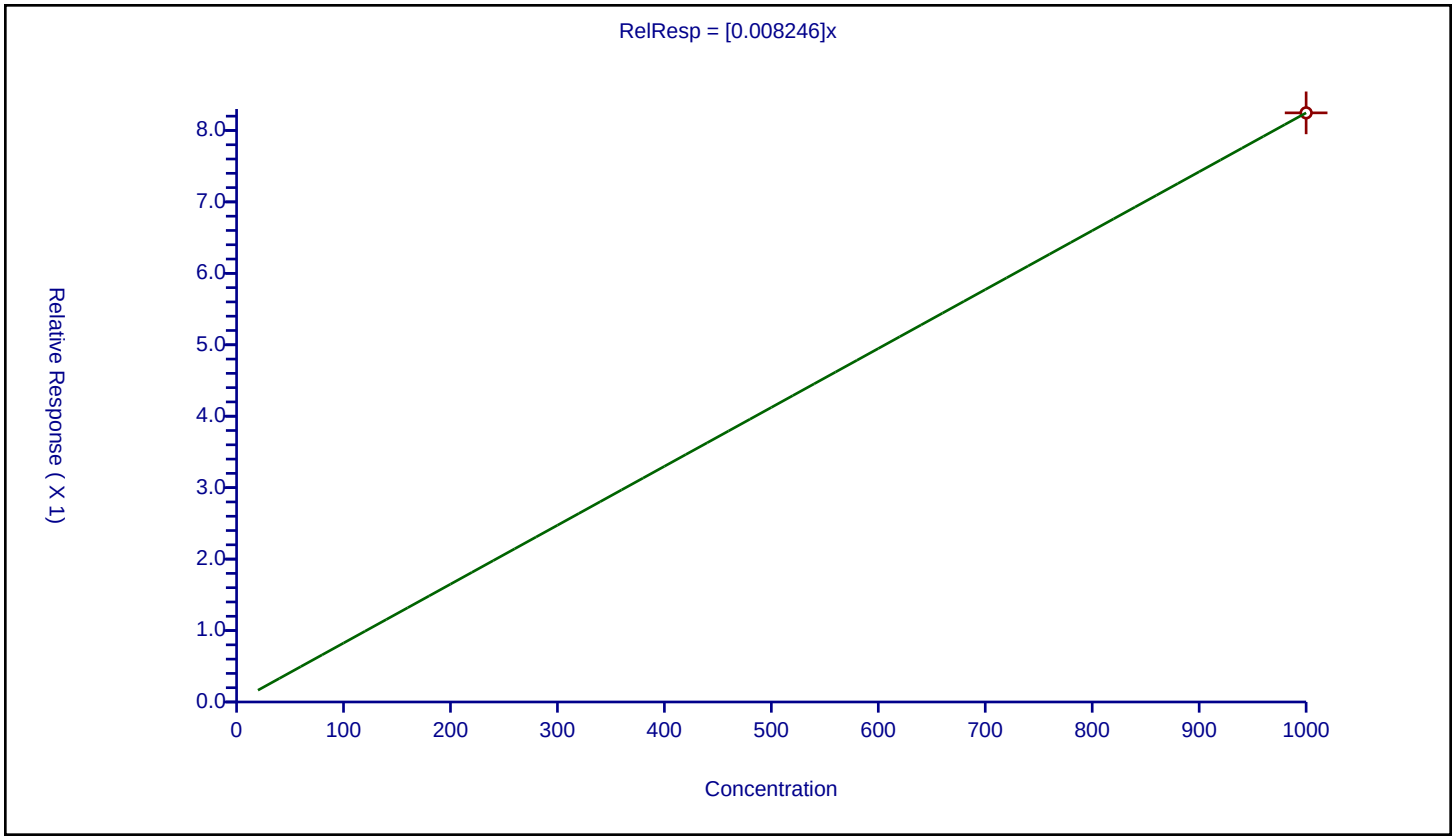
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.008246 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 8.246412 | 20.0 | 183228317.0 | 0.008246 | Y |



## Calibration / PCB-1232 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

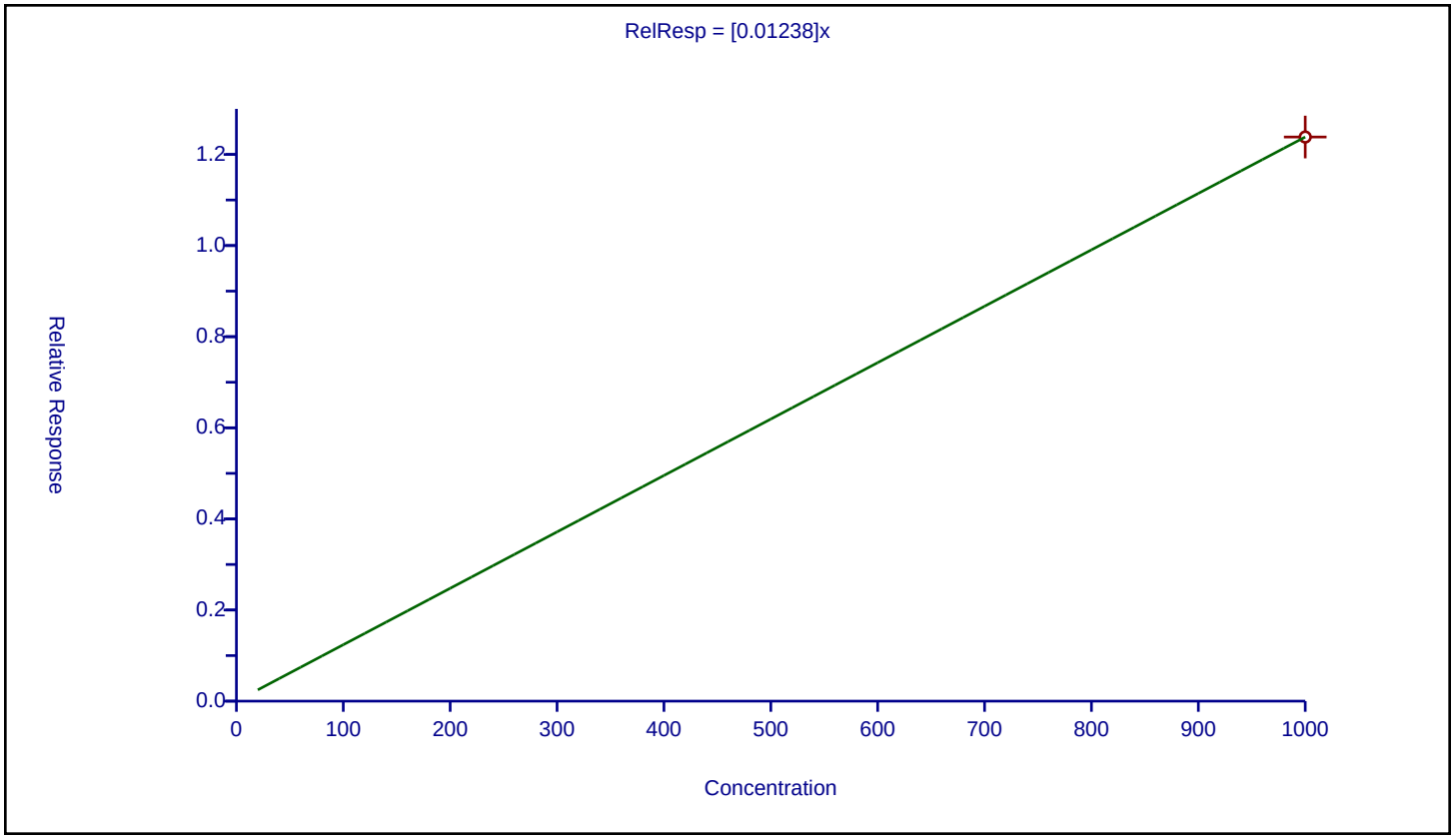
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01238 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 12.382856 | 20.0 | 183228317.0 | 0.012383 | Y |



## Calibration / PCB-1232 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

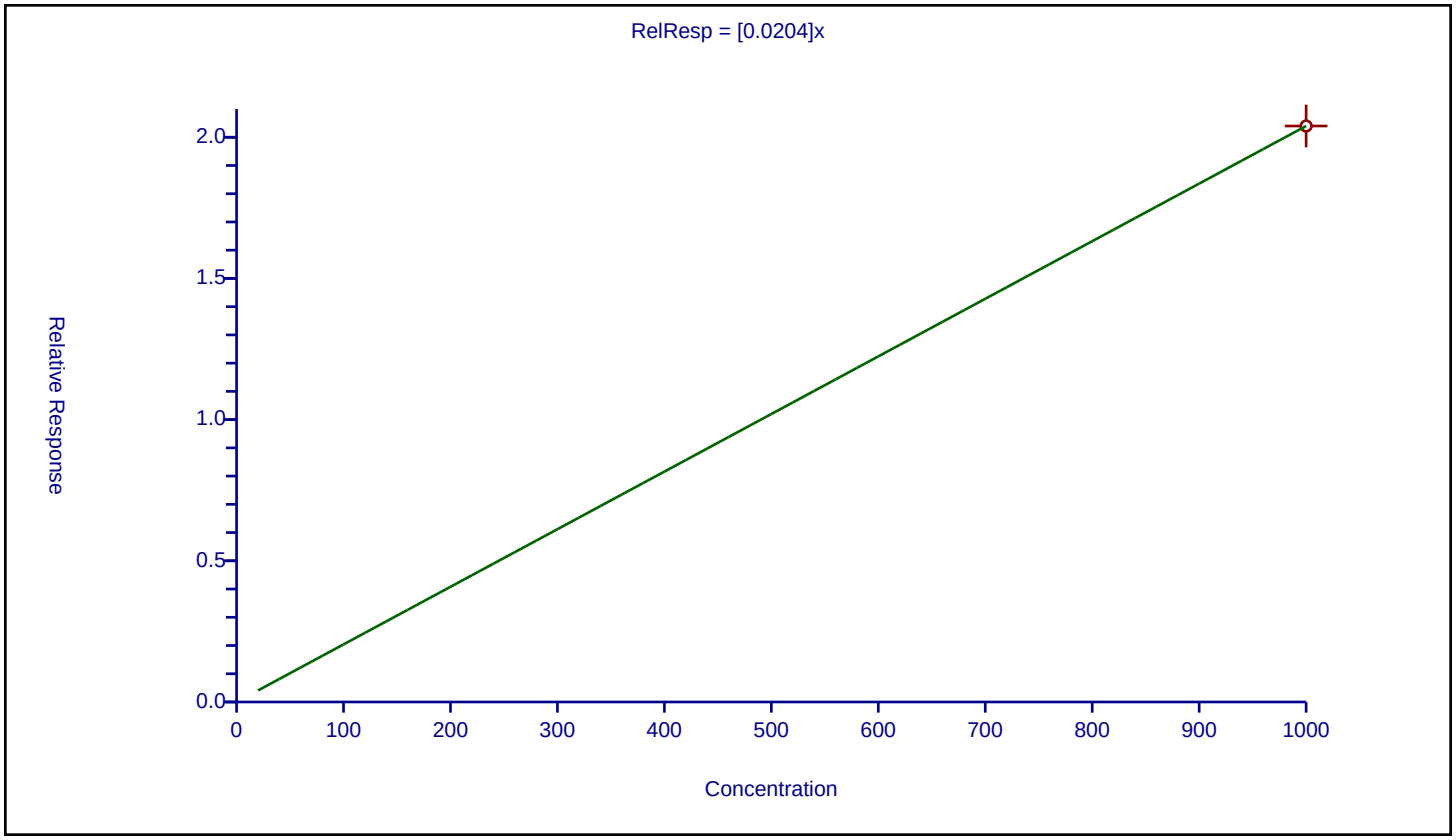
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0204 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/9 | 1000.0 | 20.398 | 20.0 | 183228317.0 | 0.020398 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:17 Calibration End Date: 10/23/2024 12:17 Calibration ID: 98955

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/10 | 14F0008287.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 0.0122 | | | | | Ave | | 0.0122 | | | | | | 20.0 | | | |
| PCB-1242 Peak 2 | 0.0261 | | | | | Ave | | 0.0261 | | | | | | 20.0 | | | |
| PCB-1242 Peak 3 | 0.0552 | | | | | Ave | | 0.0552 | | | | | | 20.0 | | | |
| PCB-1242 Peak 4 | 0.0214 | | | | | Ave | | 0.0214 | | | | | | 20.0 | | | |
| PCB-1242 Peak 5 | 0.0137 | | | | | Ave | | 0.0137 | | | | | | 20.0 | | | |
| PCB-1242 Peak 6 | 0.0210 | | | | | Ave | | 0.0210 | | | | | | 20.0 | | | |
| PCB-1242 Peak 7 | 0.0191 | | | | | Ave | | 0.0191 | | | | | | 20.0 | | | |
| PCB-1242 Peak 8 | 0.0216 | | | | | Ave | | 0.0216 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:17 | Calibration End Date: 10/23/2024 12:17 | Calibration ID: 98955

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/10 | 14F0008287.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | BNB | Ave | 50072051 | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | BNB | Ave | 106592787 | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | BNB | Ave | 225744611 | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | BNB | Ave | 87652243 | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | BNB | Ave | 55859655 | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | BNB | Ave | 85773791 | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | BNB | Ave | 78197499 | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | BNB | Ave | 88289729 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:17:14 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-010
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:32 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:55:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.296 | 2.296 | 0.000 | 81751765 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 182008027 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 4 PCB-1242 | | | | | | | M |
| 1 | 4.077 | 4.077 | 0.000 | 50072051 | 1000.0 | 1000.0 | |
| 1 | 4.620 | 4.620 | 0.000 | 106592787 | 1000.0 | 1000.0 | M |
| 1 | 5.224 | 5.224 | 0.000 | 225744611 | 1000.0 | 1000.0 | M |
| 1 | 5.399 | 5.399 | 0.000 | 87652243 | 1000.0 | 1000.0 | M |
| 1 | 5.539 | 5.539 | 0.000 | 55859655 | 1000.0 | 1000.0 | M |
| 1 | 6.247 | 6.247 | 0.000 | 85773791 | 1000.0 | 1000.0 | M |
| 1 | 6.650 | 6.650 | 0.000 | 78197499 | 1000.0 | 1000.0 | M |
| 1 | 6.725 | 6.725 | 0.000 | 88289729 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.160 | 3.160 | 0.000 | 100722431 | 1000.0 | 1000.0 | |
| 2 | 3.579 | 3.579 | 0.000 | 206434627 | 1000.0 | 1000.0 | |
| 2 | 3.813 | 3.813 | 0.000 | 137500419 | 1000.0 | 1000.0 | |
| 2 | 4.125 | 4.125 | 0.000 | 482704318 | 1000.0 | 1000.0 | |
| 2 | 4.283 | 4.283 | 0.000 | 193595691 | 1000.0 | 1000.0 | |
| 2 | 4.357 | 4.357 | 0.000 | 118347499 | 1000.0 | 1000.0 | |
| 2 | 4.781 | 4.781 | 0.000 | 201993311 | 1000.0 | 1000.0 | M |
| 2 | 5.320 | 5.320 | 0.000 | 330103383 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1242L4_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:02:32 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D

Injection Date: 23-Oct-2024 12:17:14 Instrument ID: CPESTGC14 Operator ID:

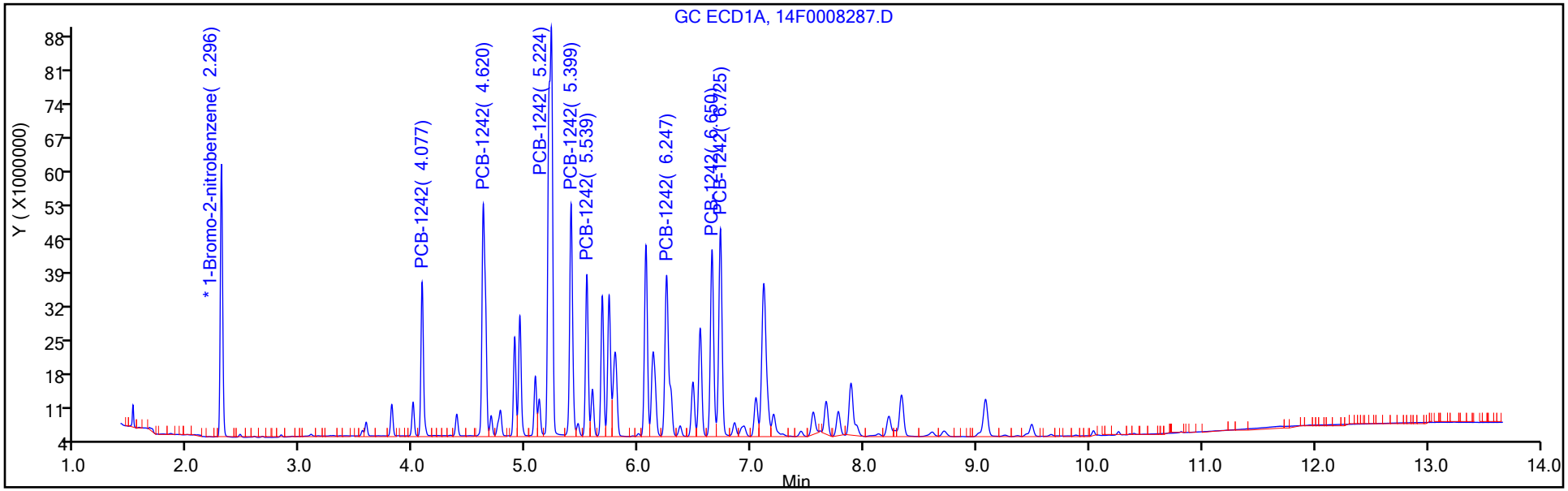
Lims ID: IC 1242 Worklist Smp#: 10

Client ID:

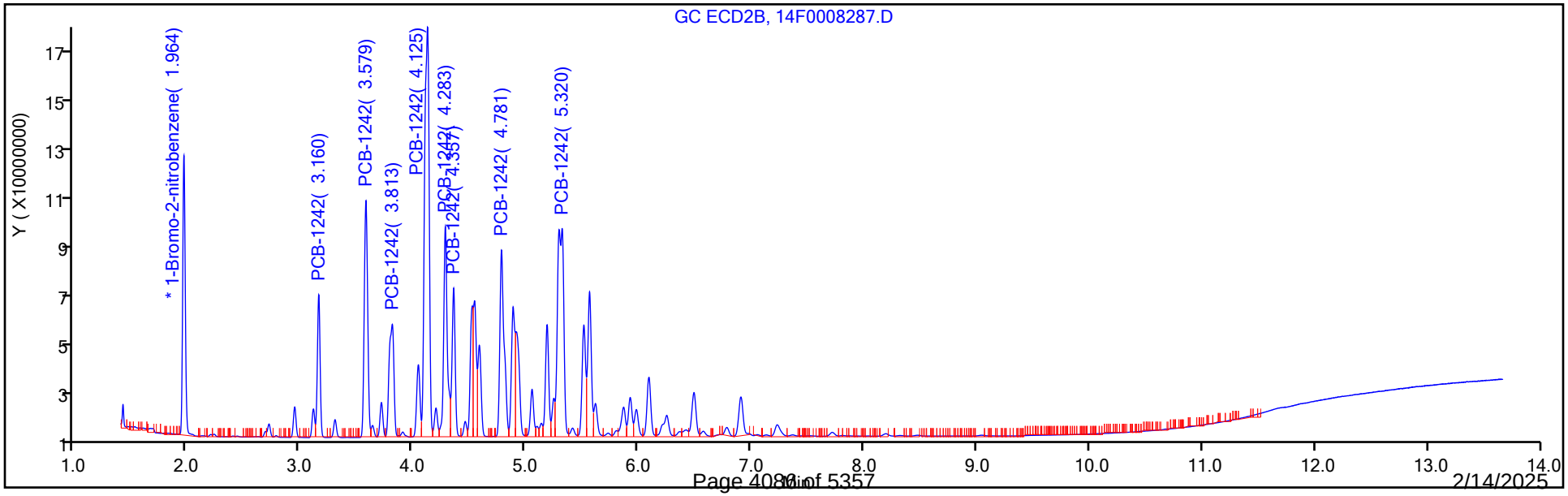
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





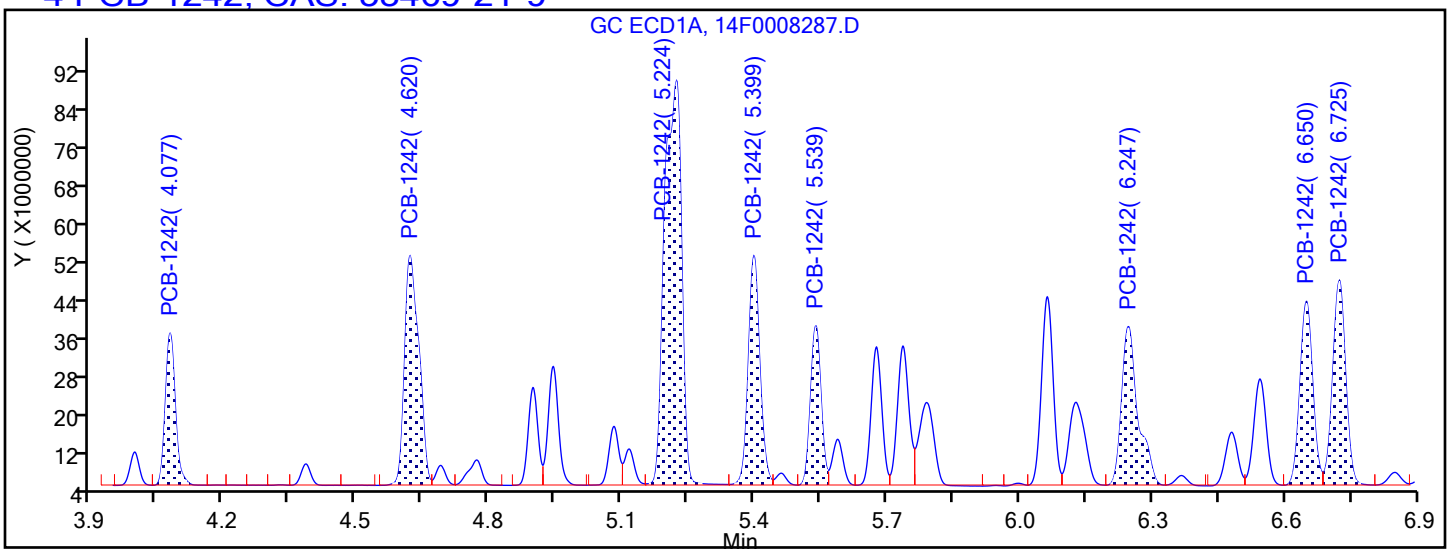

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:32 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

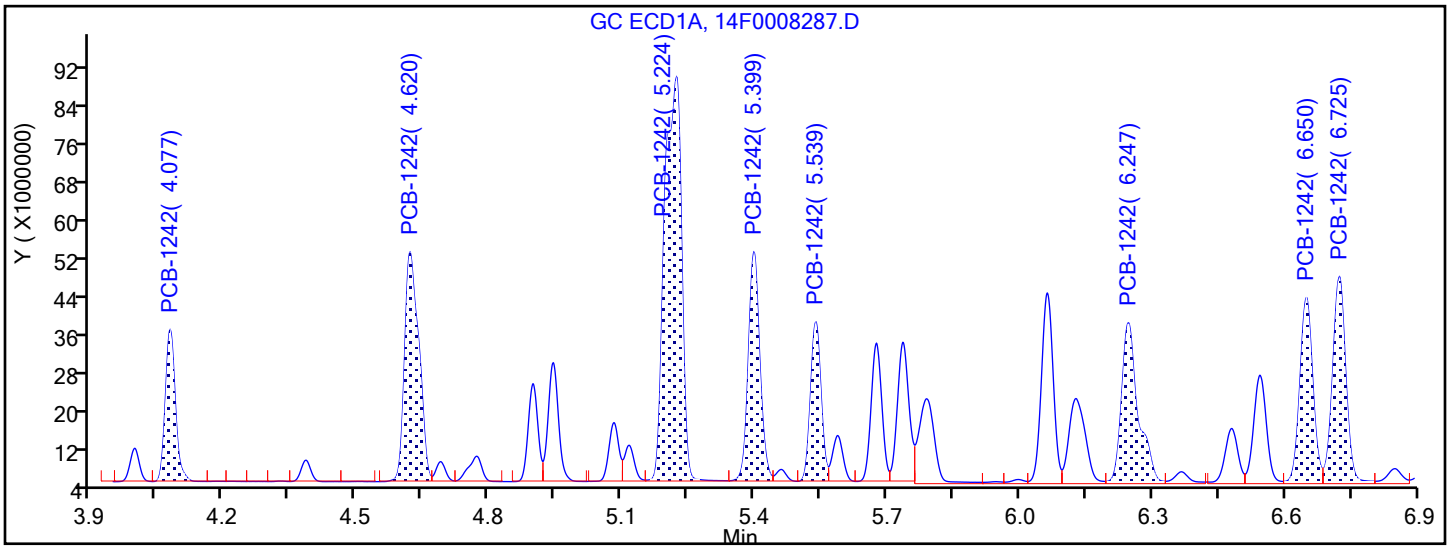
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D
Injection Date: 23-Oct-2024 12:17:14 Instrument ID: CPESTGC14
Lims ID: IC 1242
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 4 PCB-1242, CAS: 53469-21-9




Processing Integration Results

| | |
|---|---|
| 4.077 | Response = 50072051 |
| 4.620 | Response = 106184530 |
| 5.224 | Response = 222106692 |
| 5.399 | Response = 86270713 |
| 5.539 | Response = 55213567 |
| 6.247 | Response = 84194555 |
| 6.650 | Response = 77149279 |
| 6.725 | Response = 86822180 |




Manual Integration Results

| | | |
|---|---|---|
| 4.077 | Response = 50072051 | |
| 4.620 | Response = 106592787 | M |
| 5.224 | Response = 225744611 | M |
| 5.399 | Response = 87652243 | M |
| 5.539 | Response = 55859655 | M |
| 6.247 | Response = 85773791 | M |

## Calibration / PCB-1242 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

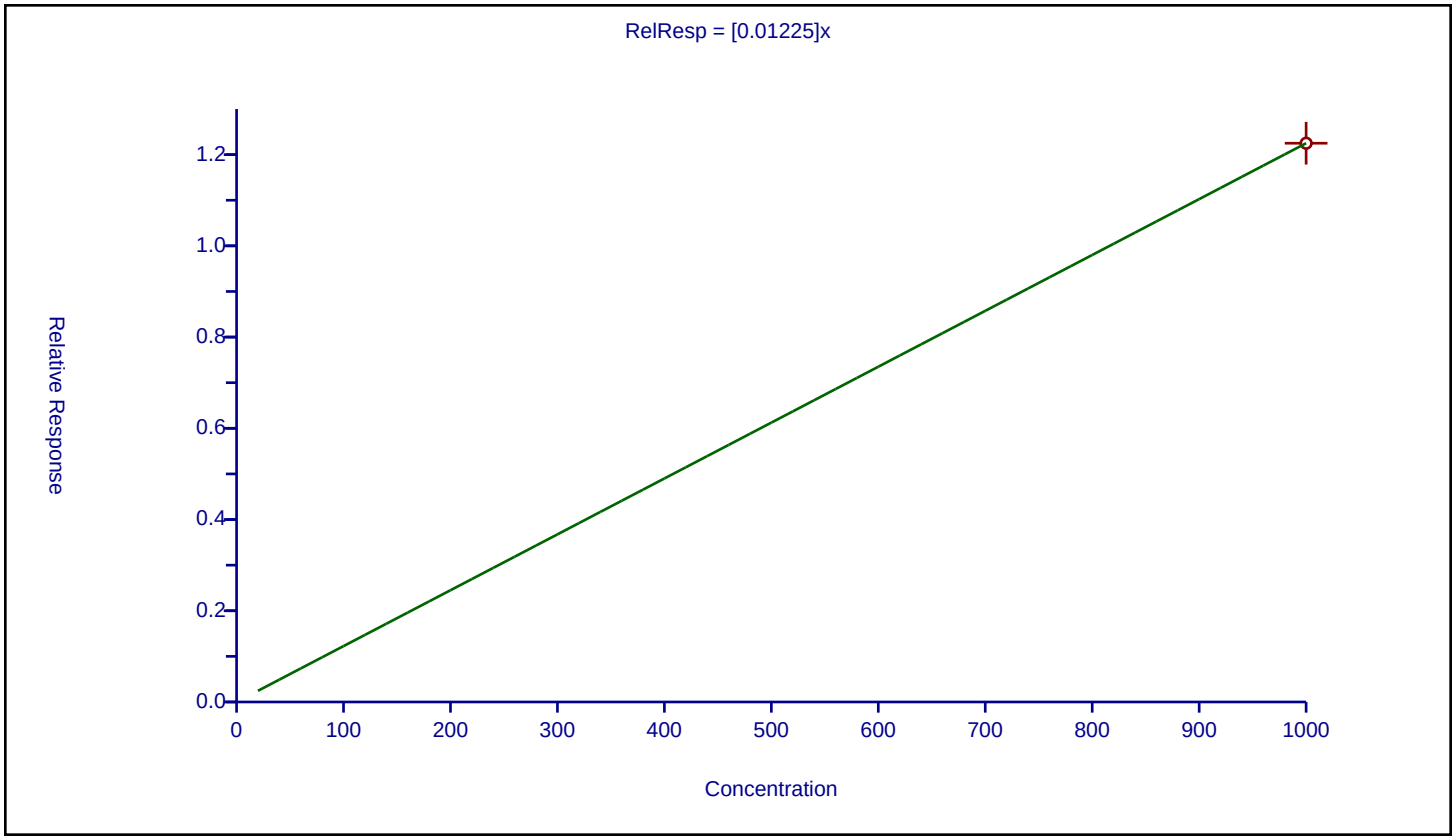
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01225 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 12.249779 | 20.0 | 81751765.0 | 0.01225 | Y |



## Calibration / PCB-1242 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

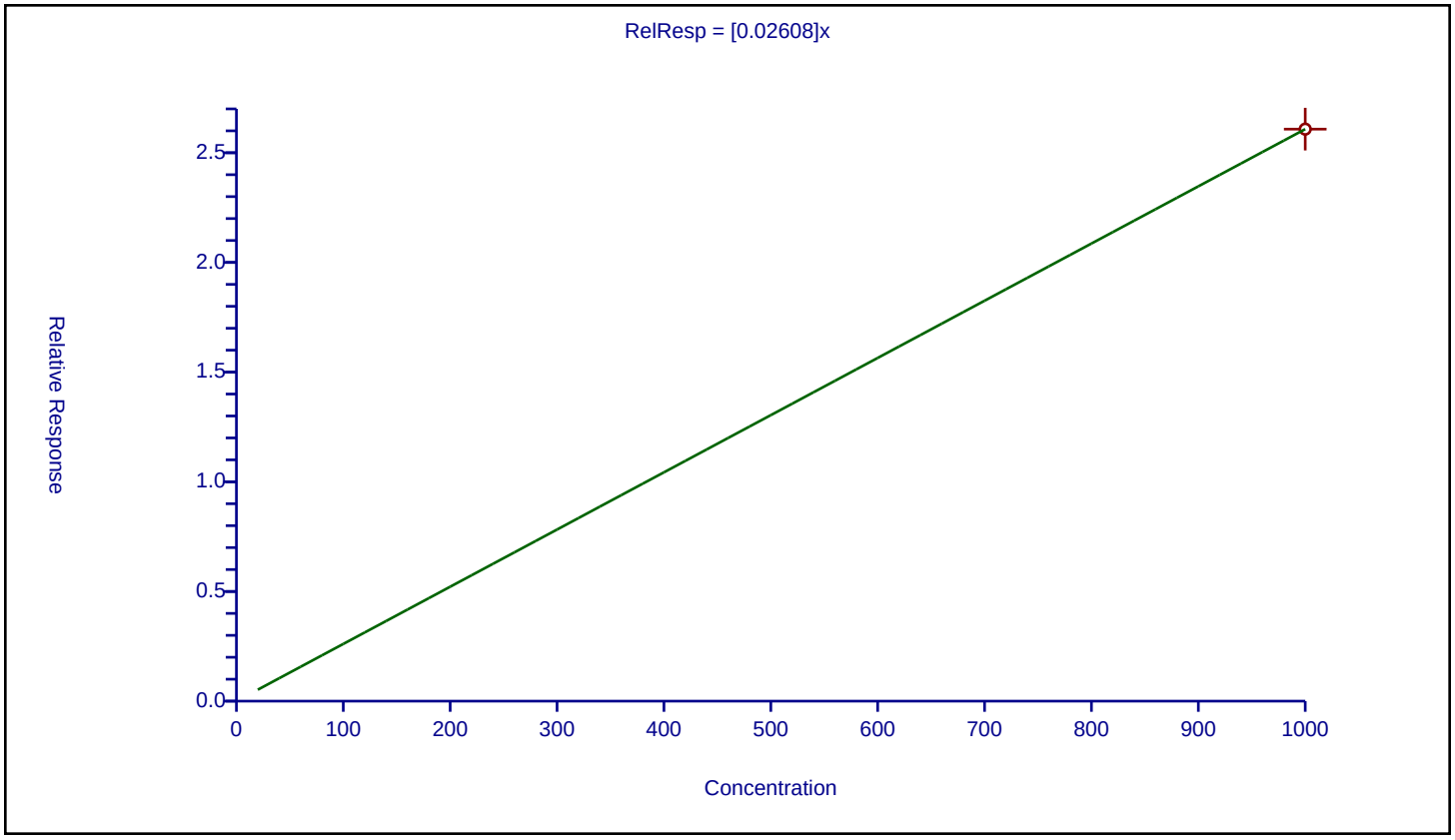
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02608 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 26.077183 | 20.0 | 81751765.0 | 0.026077 | Y |



## Calibration / PCB-1242 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

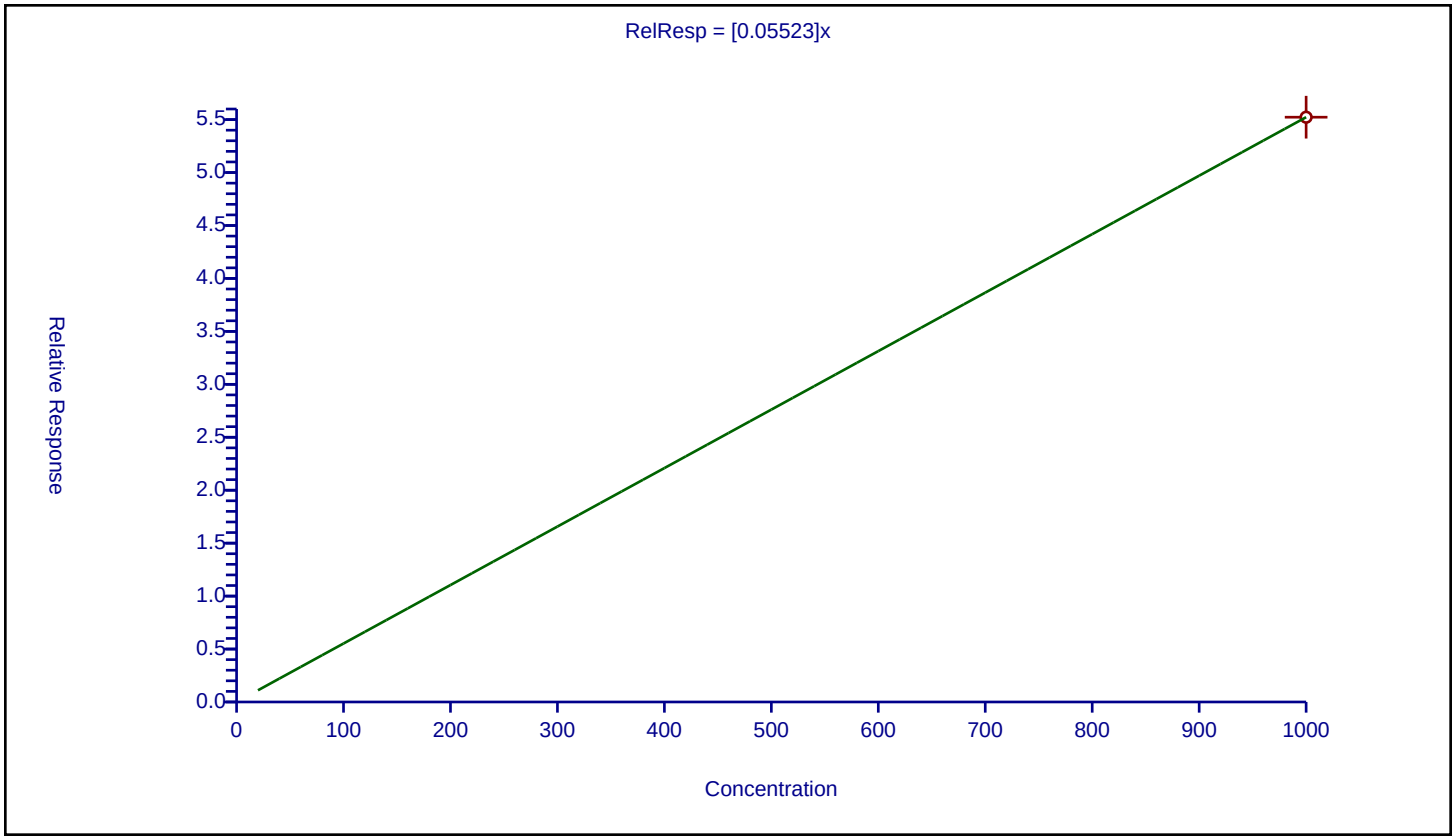
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05523 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 55.226847 | 20.0 | 81751765.0 | 0.055227 | Y |



## Calibration / PCB-1242 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

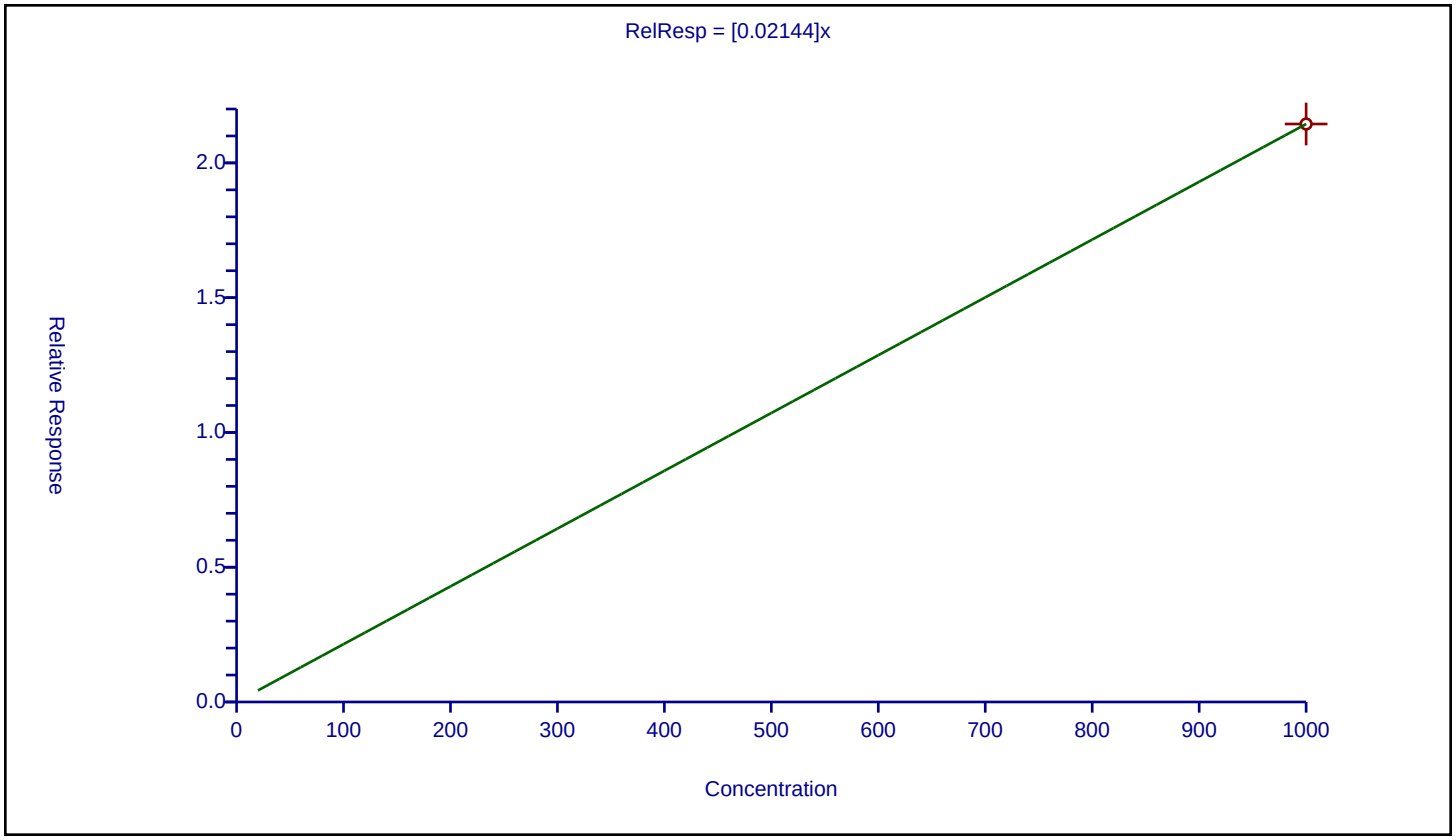
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02144 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 21.443511 | 20.0 | 81751765.0 | 0.021444 | Y |



## Calibration / PCB-1242 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

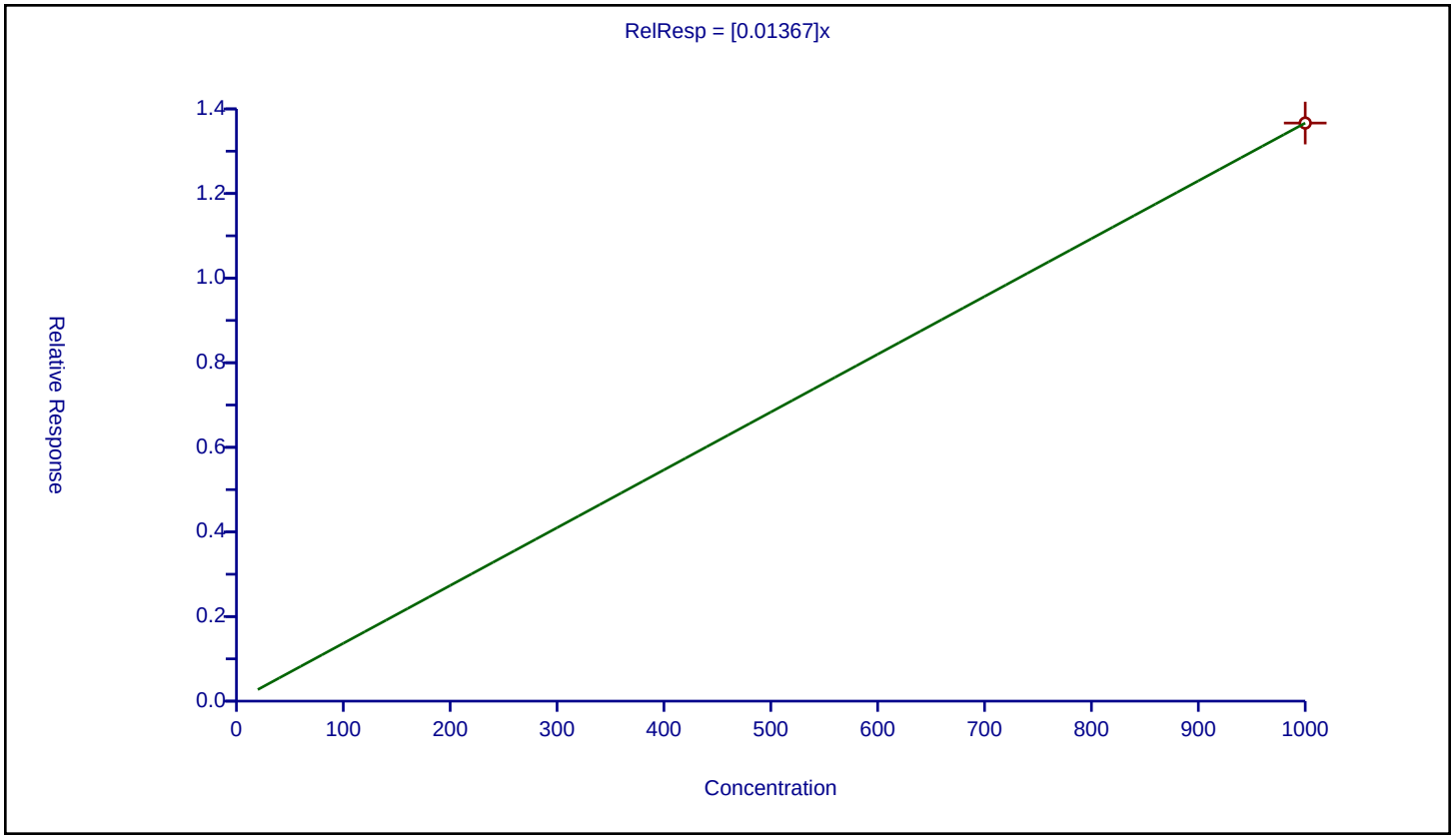
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01367 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 13.665676 | 20.0 | 81751765.0 | 0.013666 | Y |



## Calibration / PCB-1242 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

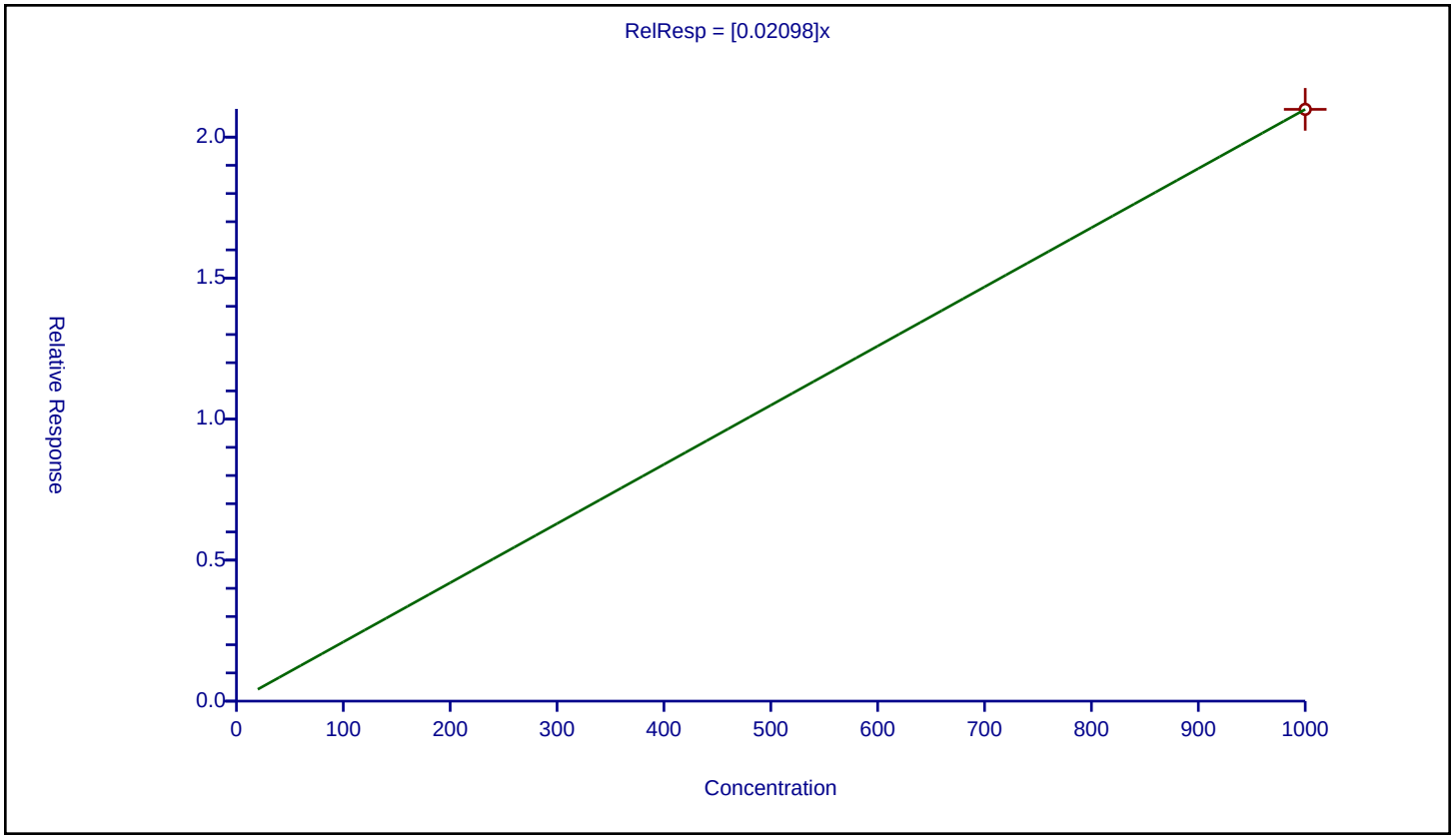
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02098 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 20.983961 | 20.0 | 81751765.0 | 0.020984 | Y |



## Calibration / PCB-1242 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

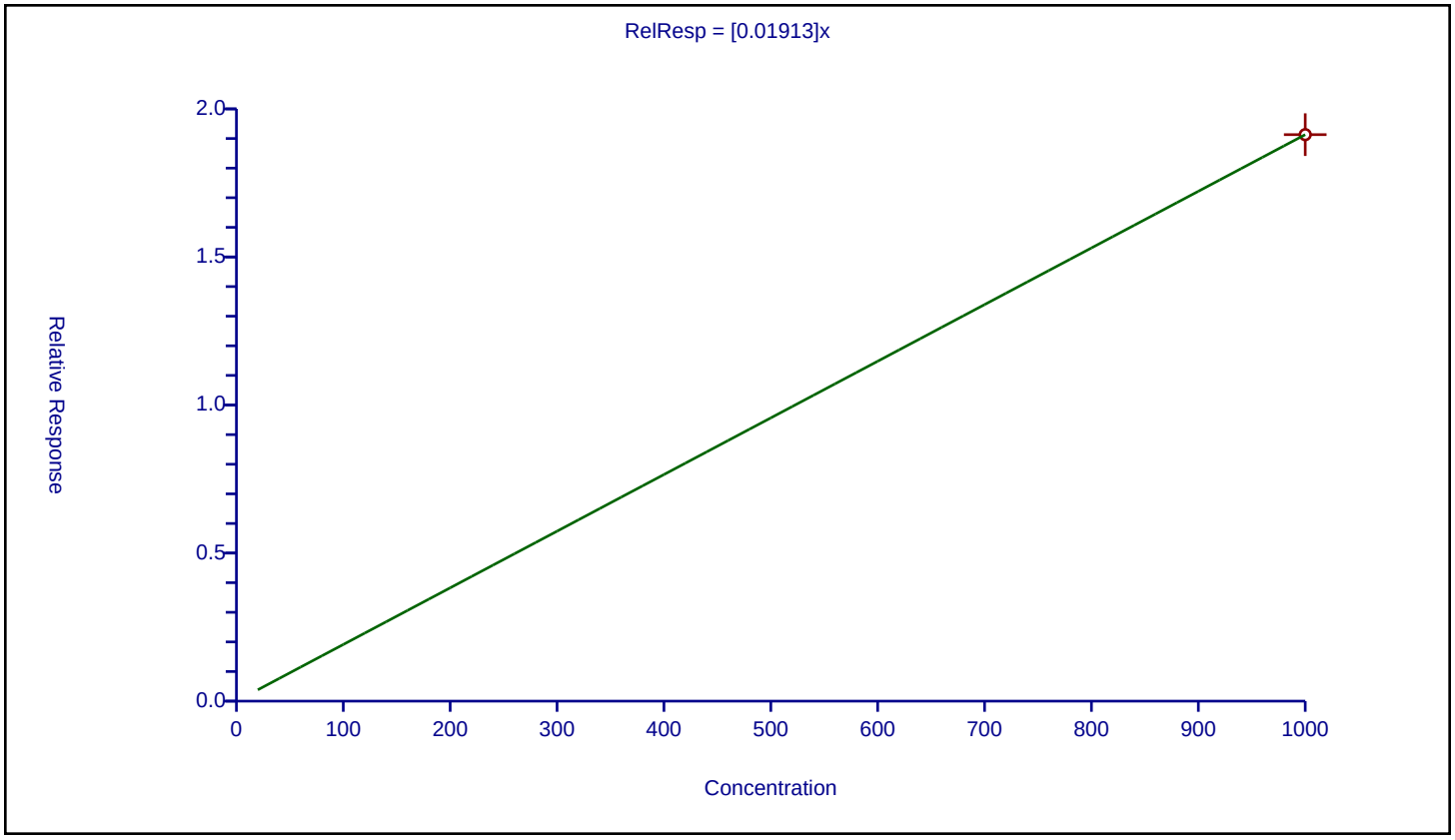
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01913 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 19.130474 | 20.0 | 81751765.0 | 0.01913 | Y |



## Calibration / PCB-1242 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

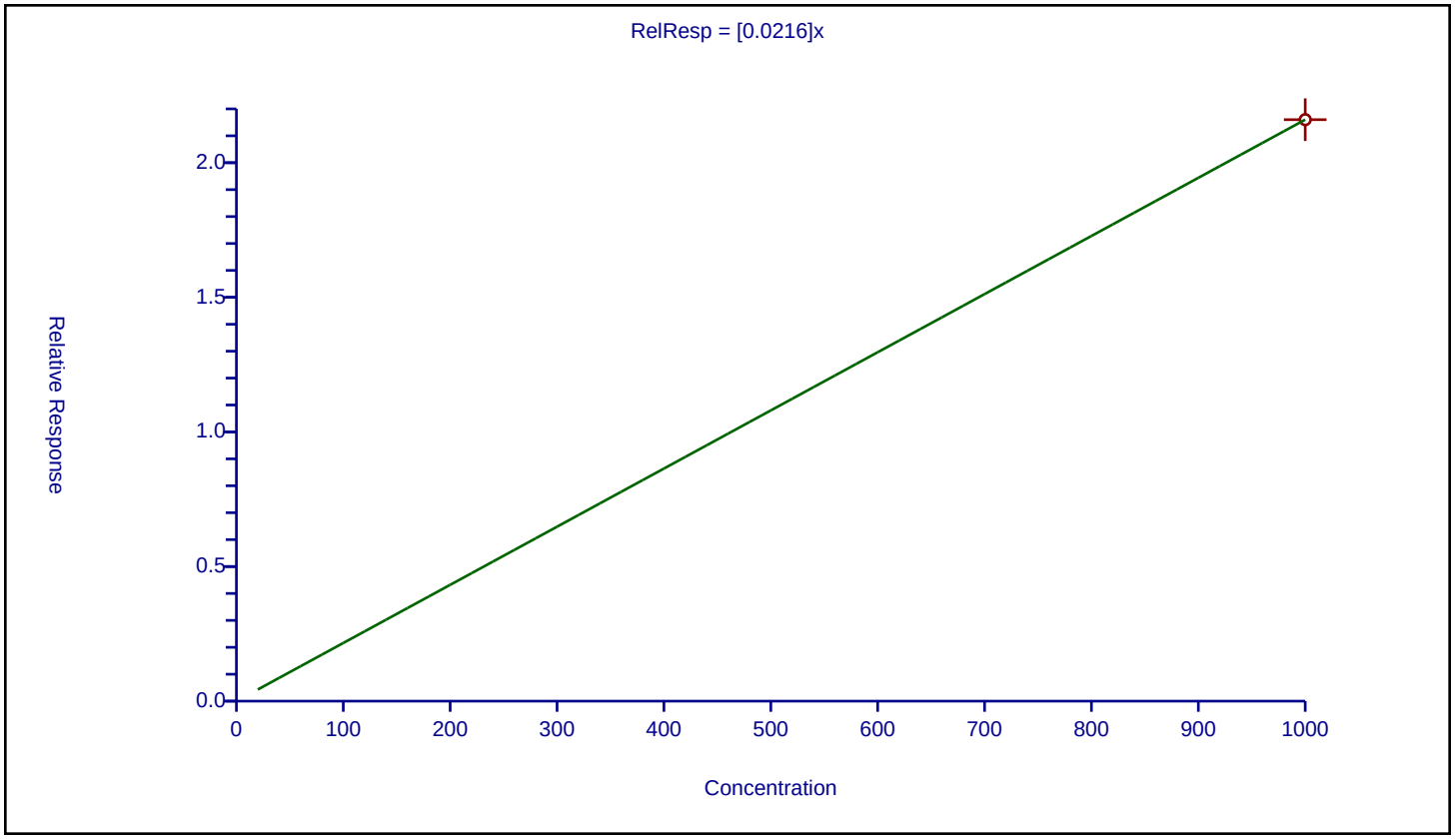
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0216 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 21.599467 | 20.0 | 81751765.0 | 0.021599 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:17 Calibration End Date: 10/23/2024 12:17 Calibration ID: 98956

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/10 | 14F0008287.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 0.0111 | | | | | Ave | | 0.0111 | | | | | | 20.0 | | | |
| PCB-1242 Peak 2 | 0.0227 | | | | | Ave | | 0.0227 | | | | | | 20.0 | | | |
| PCB-1242 Peak 3 | 0.0151 | | | | | Ave | | 0.0151 | | | | | | 20.0 | | | |
| PCB-1242 Peak 4 | 0.0530 | | | | | Ave | | 0.0530 | | | | | | 20.0 | | | |
| PCB-1242 Peak 5 | 0.0213 | | | | | Ave | | 0.0213 | | | | | | 20.0 | | | |
| PCB-1242 Peak 6 | 0.0130 | | | | | Ave | | 0.0130 | | | | | | 20.0 | | | |
| PCB-1242 Peak 7 | 0.0222 | | | | | Ave | | 0.0222 | | | | | | 20.0 | | | |
| PCB-1242 Peak 8 | 0.0363 | | | | | Ave | | 0.0363 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:17 | Calibration End Date: 10/23/2024 12:17 | Calibration ID: 98956

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/10 | 14F0008287.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | BNB | Ave | 100722431 | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | BNB | Ave | 206434627 | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | BNB | Ave | 137500419 | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | BNB | Ave | 482704318 | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | BNB | Ave | 193595691 | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | BNB | Ave | 118347499 | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | BNB | Ave | 201993311 | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | BNB | Ave | 330103383 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:17:14 ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-010
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:32 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:55:20

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.296 | 2.296 | 0.000 | 81751765 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 182008027 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 4 PCB-1242 | | | | | | | M |
| 1 | 4.077 | 4.077 | 0.000 | 50072051 | 1000.0 | 1000.0 | |
| 1 | 4.620 | 4.620 | 0.000 | 106592787 | 1000.0 | 1000.0 | M |
| 1 | 5.224 | 5.224 | 0.000 | 225744611 | 1000.0 | 1000.0 | M |
| 1 | 5.399 | 5.399 | 0.000 | 87652243 | 1000.0 | 1000.0 | M |
| 1 | 5.539 | 5.539 | 0.000 | 55859655 | 1000.0 | 1000.0 | M |
| 1 | 6.247 | 6.247 | 0.000 | 85773791 | 1000.0 | 1000.0 | M |
| 1 | 6.650 | 6.650 | 0.000 | 78197499 | 1000.0 | 1000.0 | M |
| 1 | 6.725 | 6.725 | 0.000 | 88289729 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.160 | 3.160 | 0.000 | 100722431 | 1000.0 | 1000.0 | |
| 2 | 3.579 | 3.579 | 0.000 | 206434627 | 1000.0 | 1000.0 | |
| 2 | 3.813 | 3.813 | 0.000 | 137500419 | 1000.0 | 1000.0 | |
| 2 | 4.125 | 4.125 | 0.000 | 482704318 | 1000.0 | 1000.0 | |
| 2 | 4.283 | 4.283 | 0.000 | 193595691 | 1000.0 | 1000.0 | |
| 2 | 4.357 | 4.357 | 0.000 | 118347499 | 1000.0 | 1000.0 | |
| 2 | 4.781 | 4.781 | 0.000 | 201993311 | 1000.0 | 1000.0 | M |
| 2 | 5.320 | 5.320 | 0.000 | 330103383 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1242L4_00037 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

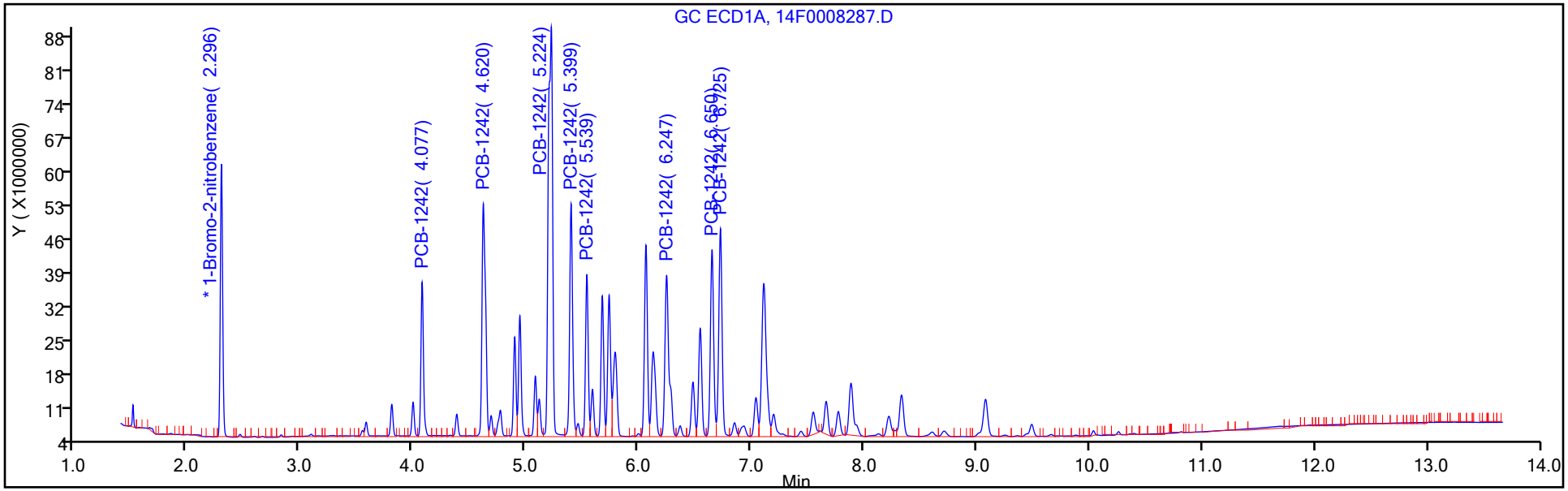
Report Date: 23-Oct-2024 14:02:32 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

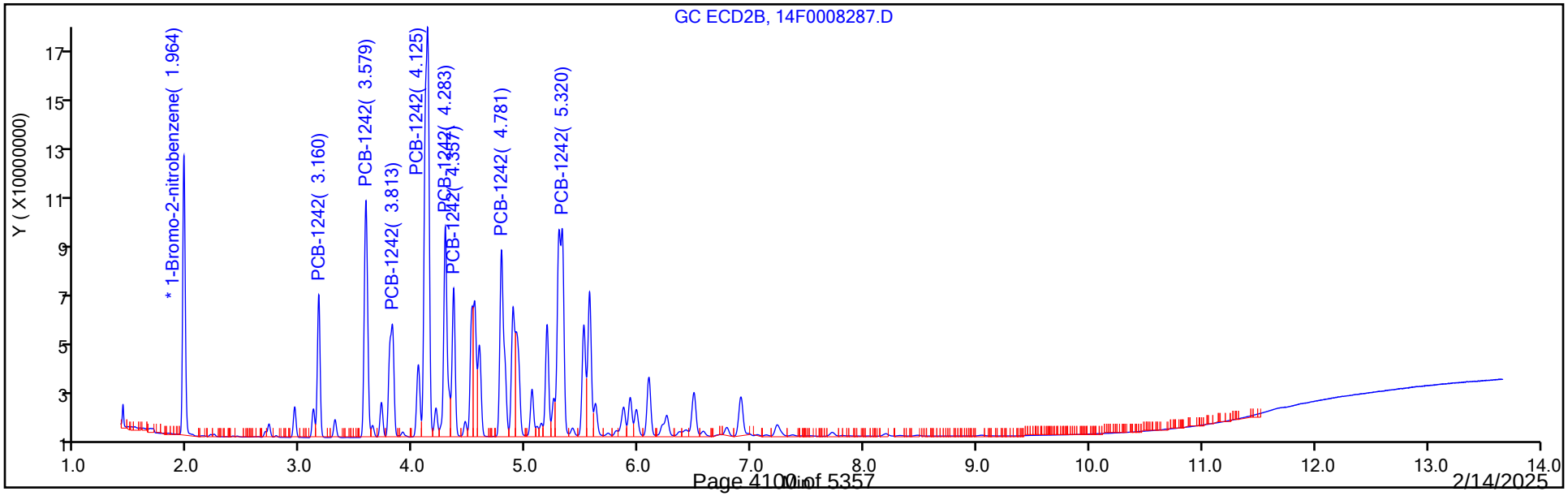
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 12:17:14 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1242 | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





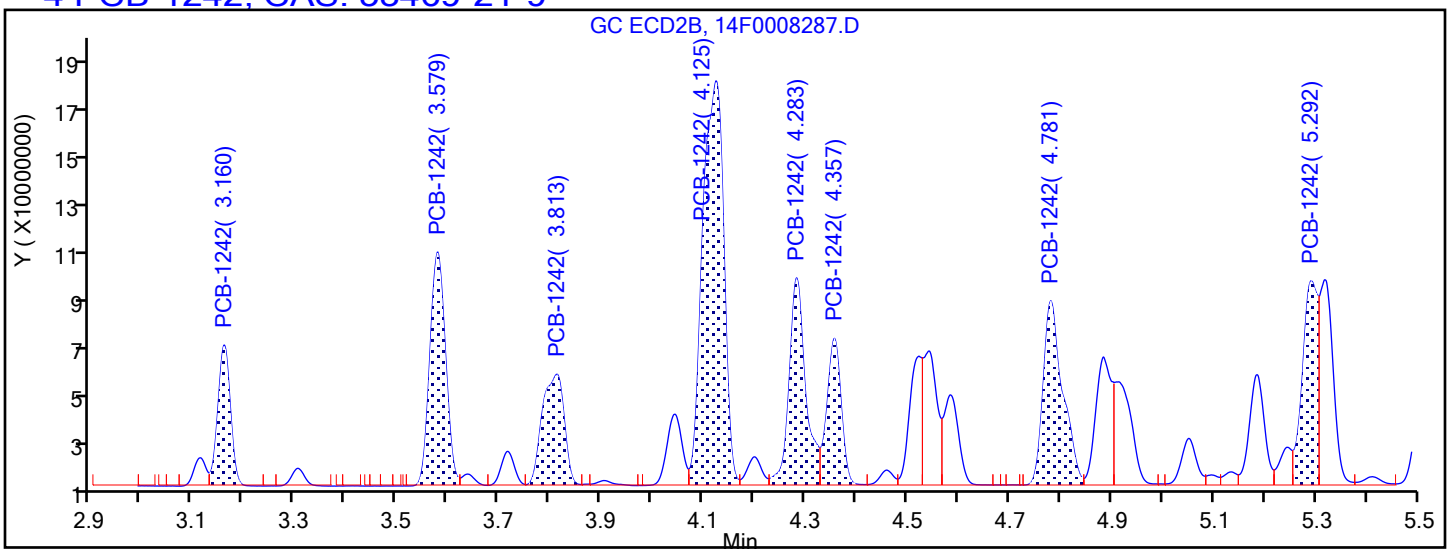

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:33 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

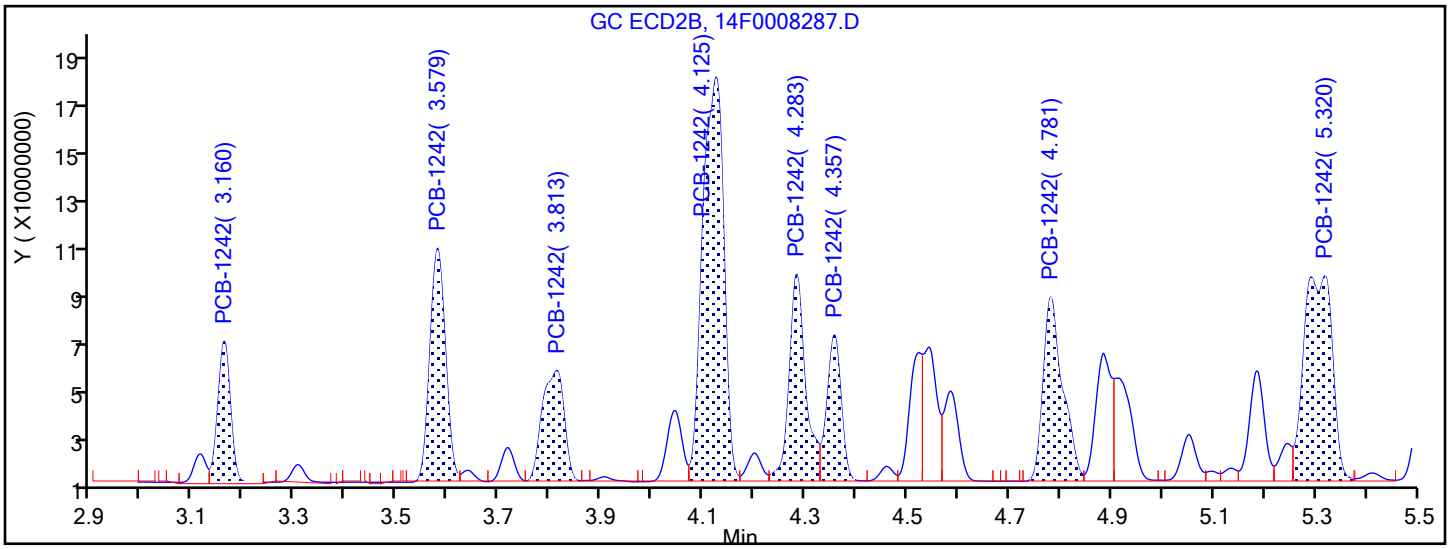
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008287.D
Injection Date: 23-Oct-2024 12:17:14 Instrument ID: CPESTGC14
Lims ID: IC 1242
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 4 PCB-1242, CAS: 53469-21-9




Processing Integration Results

| | |
|---|---|
| 3.160 | Response = 100722431 |
| 3.579 | Response = 206434627 |
| 3.813 | Response = 137500419 |
| 4.125 | Response = 482704318 |
| 4.283 | Response = 193595691 |
| 4.357 | Response = 118347499 |
| 4.781 | Response = 201653185 |
| 5.292 | Response = 175614972 |




Manual Integration Results

| | |
|---|---|
| 3.160 | Response = 100722431 |
| 3.579 | Response = 206434627 |
| 3.813 | Response = 137500419 |
| 4.125 | Response = 482704318 |
| 4.283 | Response = 193595691 |
| 4.357 | Response = 118347499 |

## Calibration / PCB-1242 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

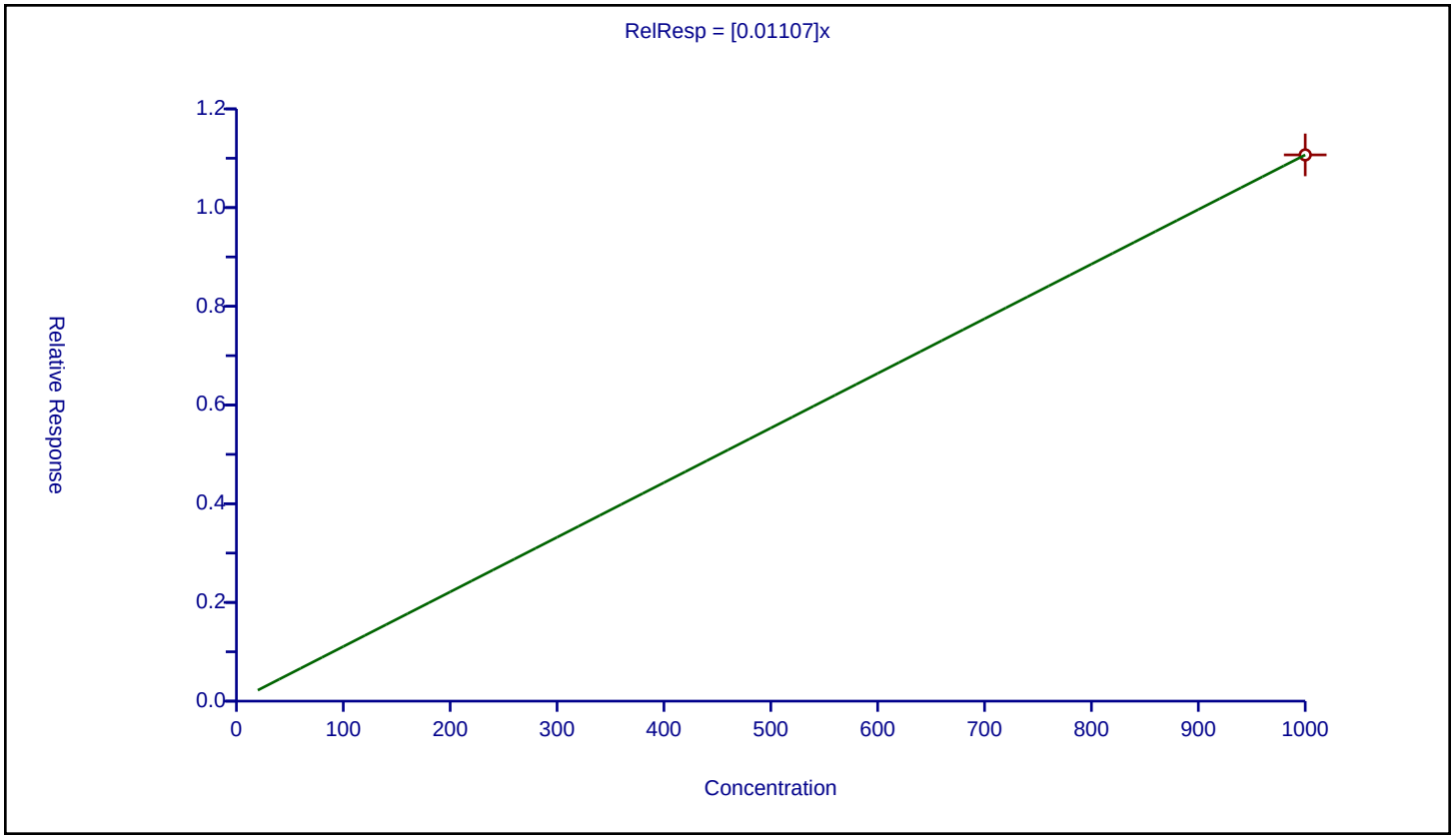
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01107 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 11.067911 | 20.0 | 182008027.0 | 0.011068 | Y |



## Calibration / PCB-1242 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

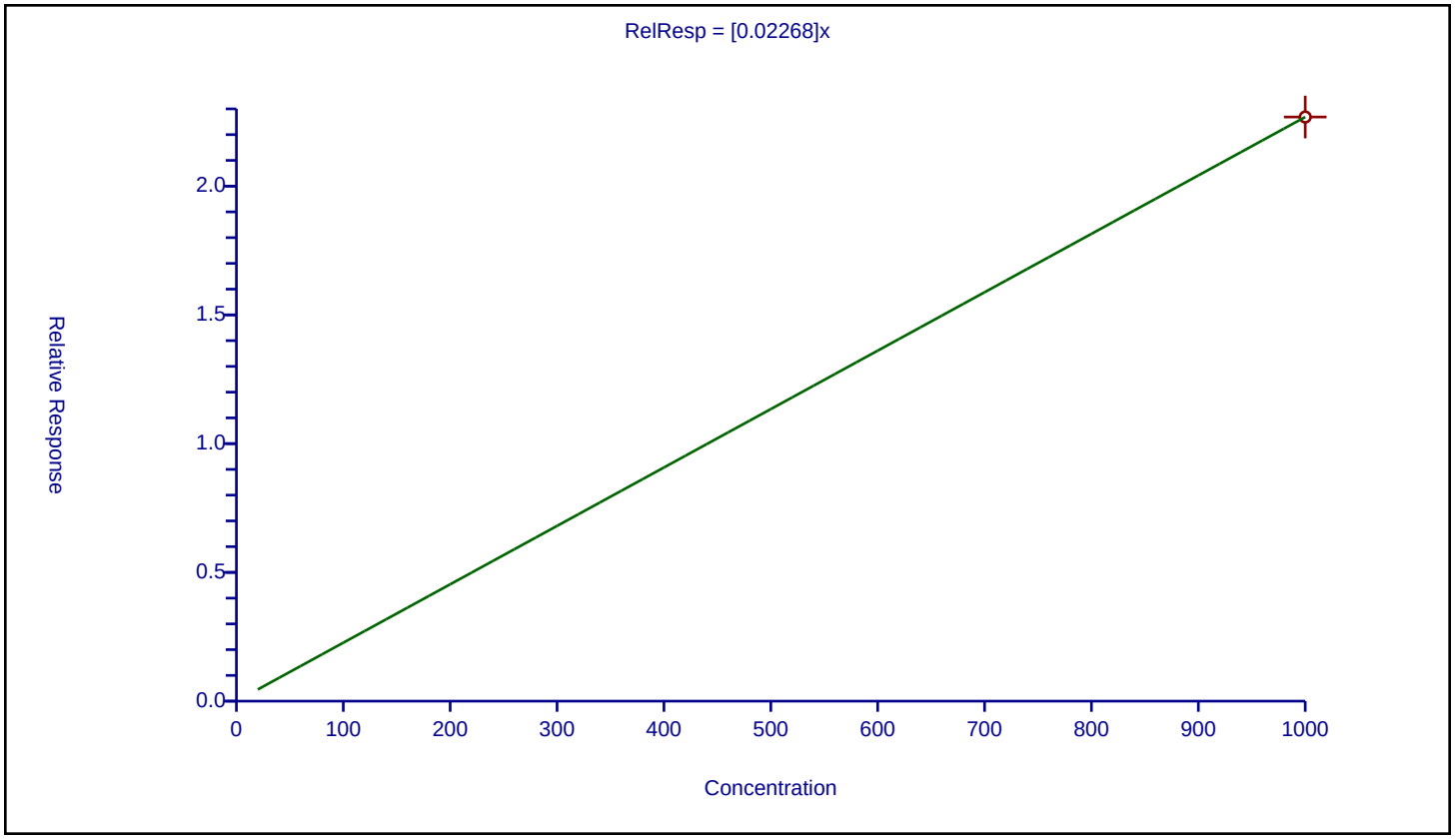
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02268 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 22.684123 | 20.0 | 182008027.0 | 0.022684 | Y |



## Calibration / PCB-1242 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

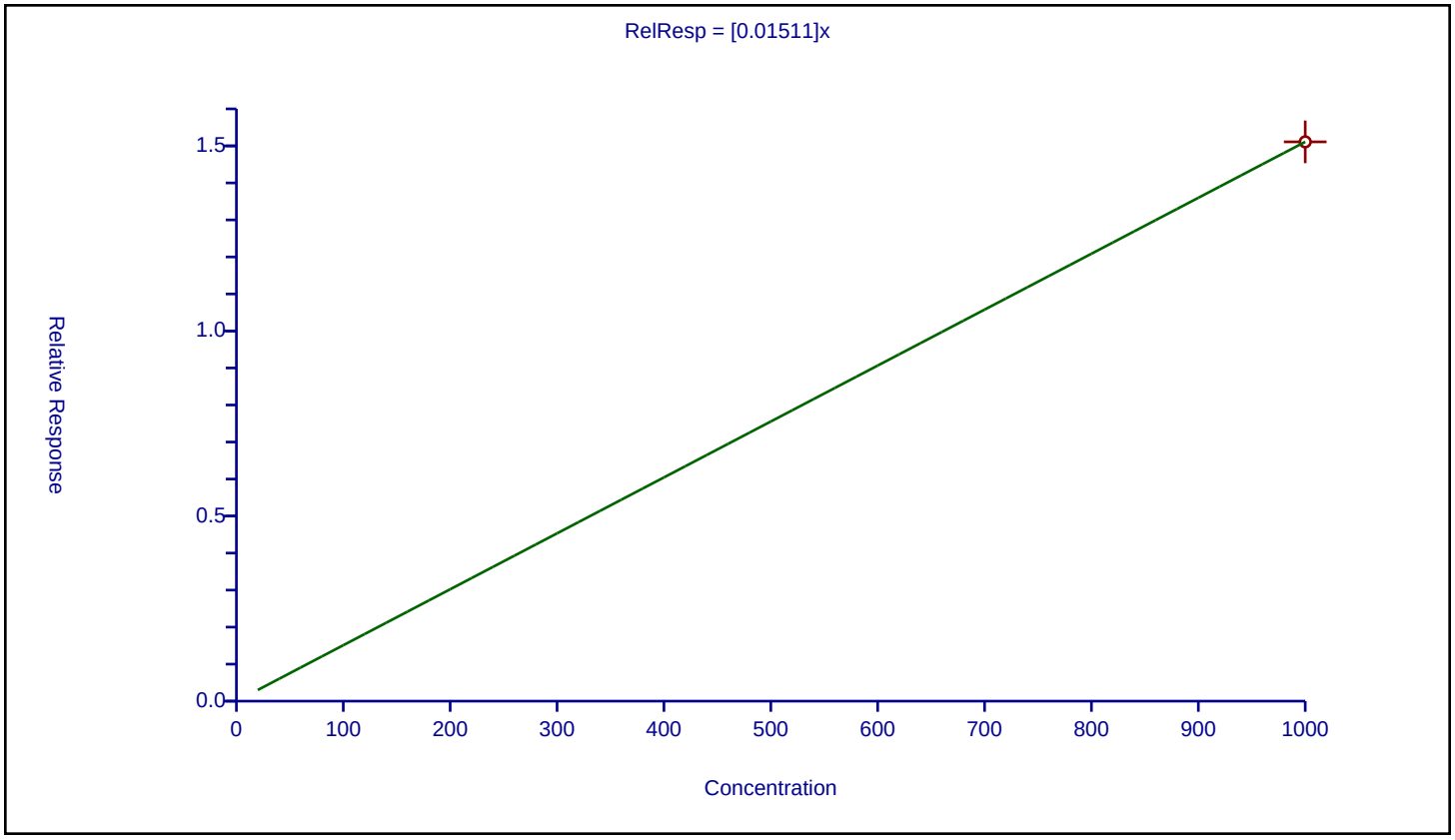
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01511 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 15.10927 | 20.0 | 182008027.0 | 0.015109 | Y |



## Calibration / PCB-1242 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

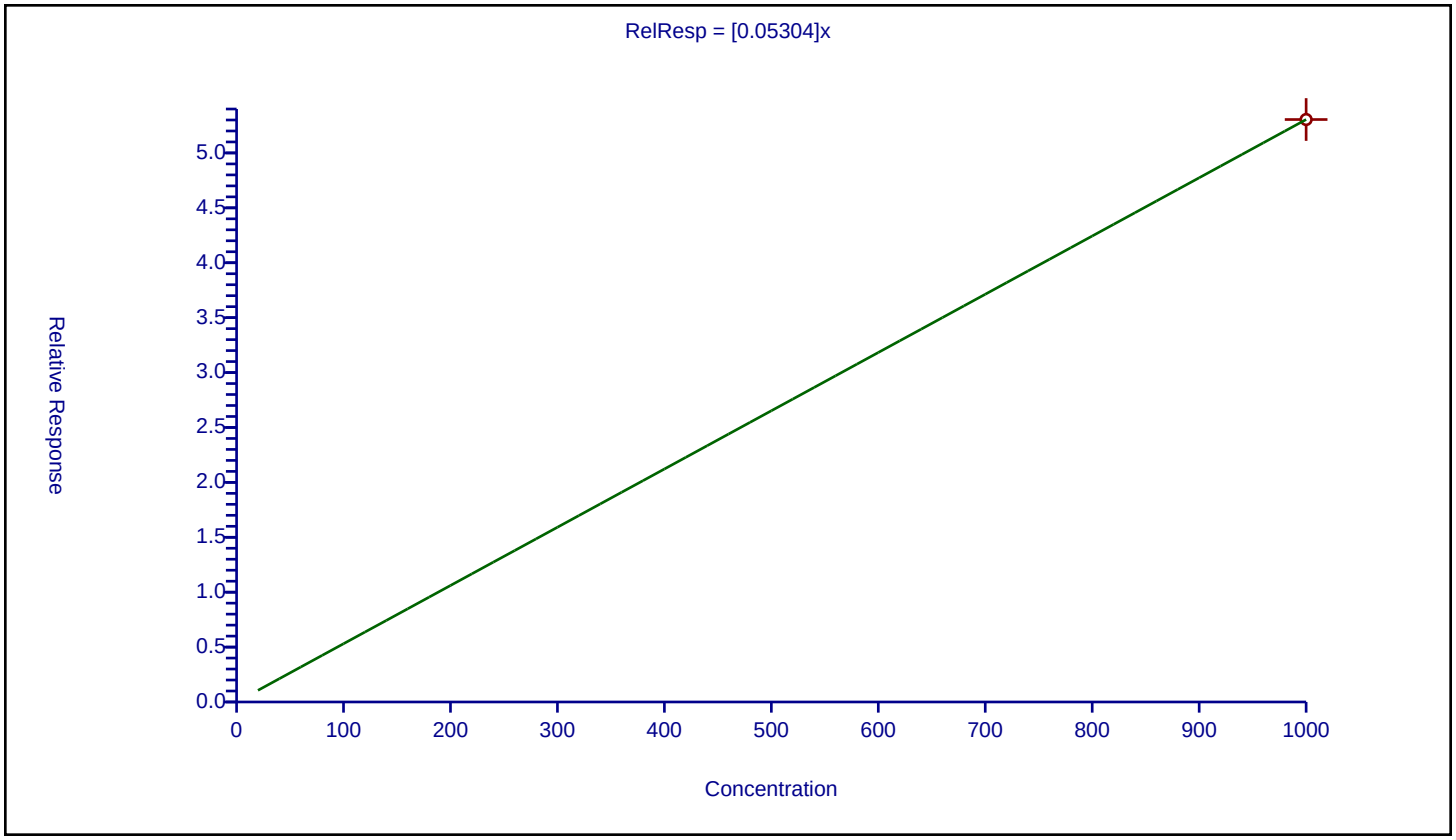
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05304 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 53.042091 | 20.0 | 182008027.0 | 0.053042 | Y |



## Calibration / PCB-1242 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

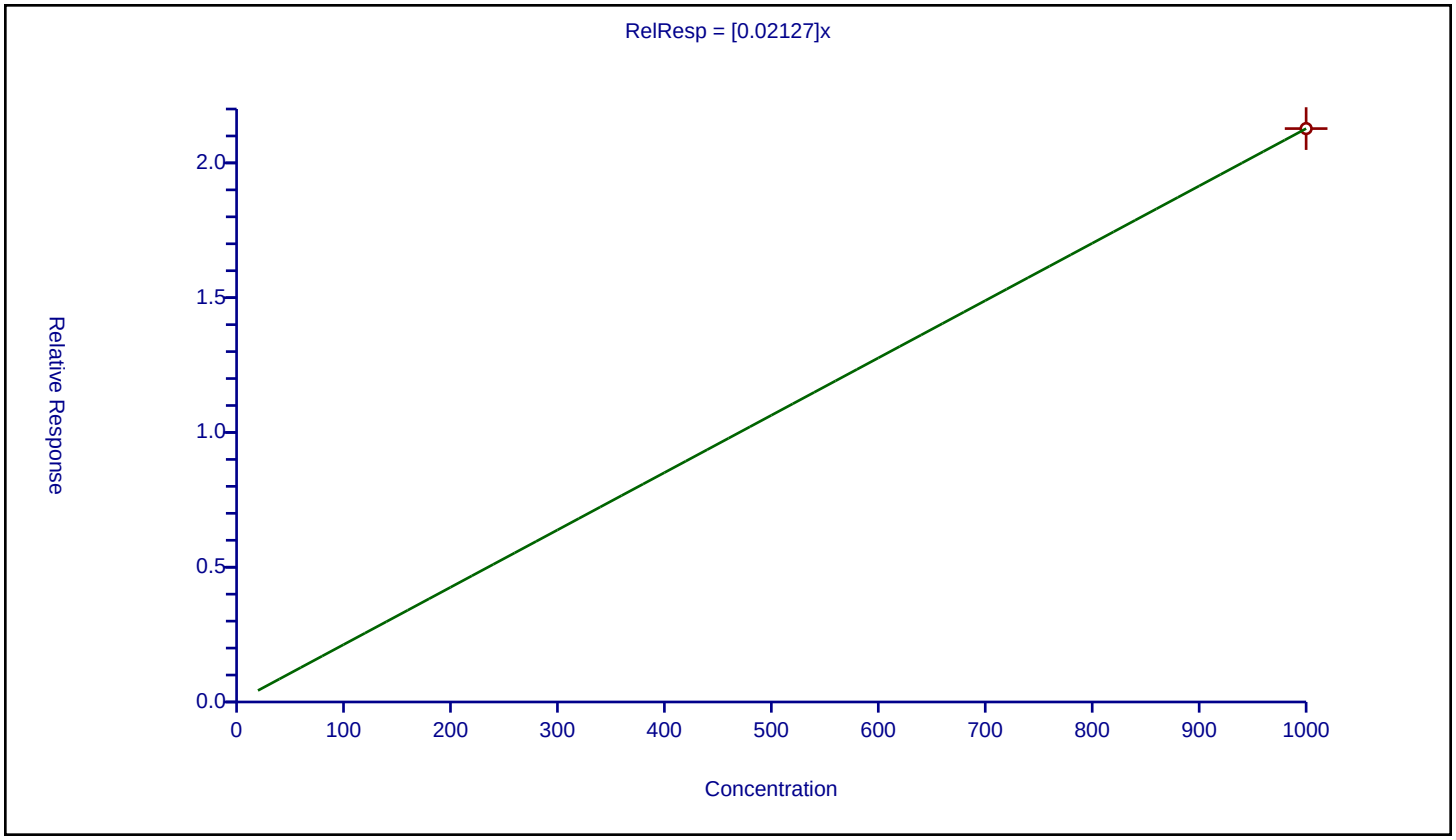
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02127 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 21.273314 | 20.0 | 182008027.0 | 0.021273 | Y |



## Calibration / PCB-1242 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

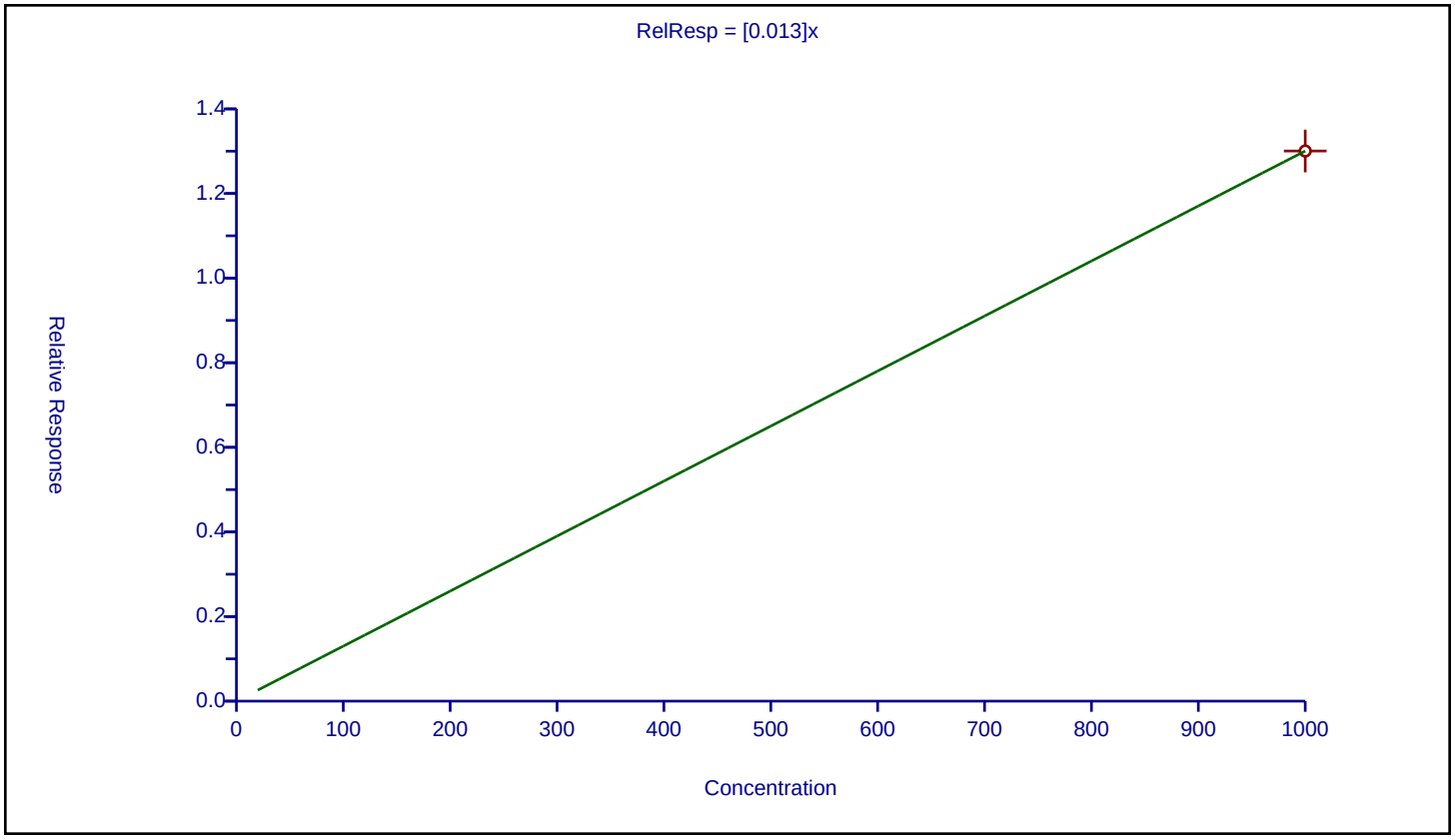
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.013 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 13.004646 | 20.0 | 182008027.0 | 0.013005 | Y |



## Calibration / PCB-1242 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

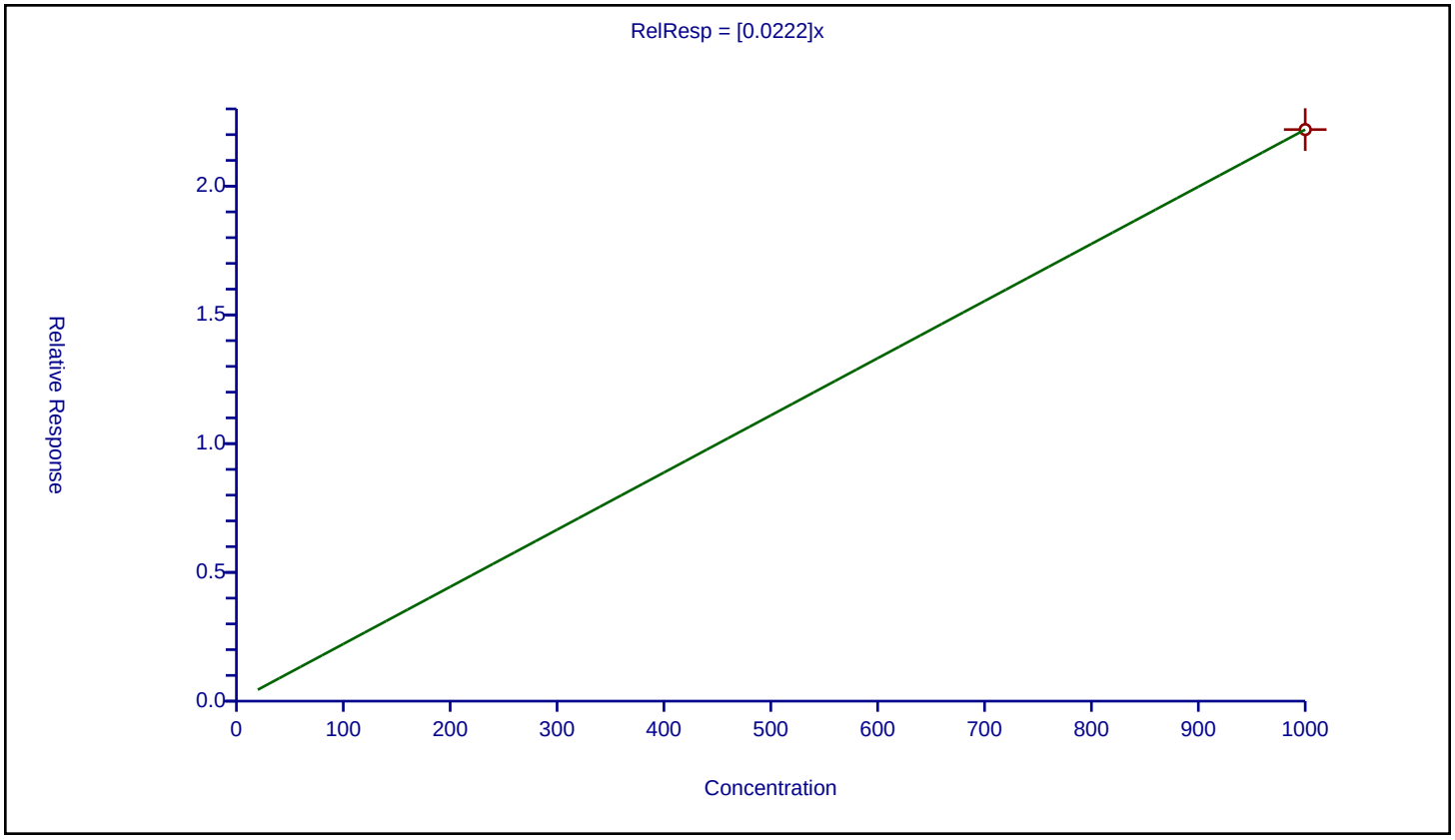
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0222 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 22.196088 | 20.0 | 182008027.0 | 0.022196 | Y |



## Calibration / PCB-1242 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

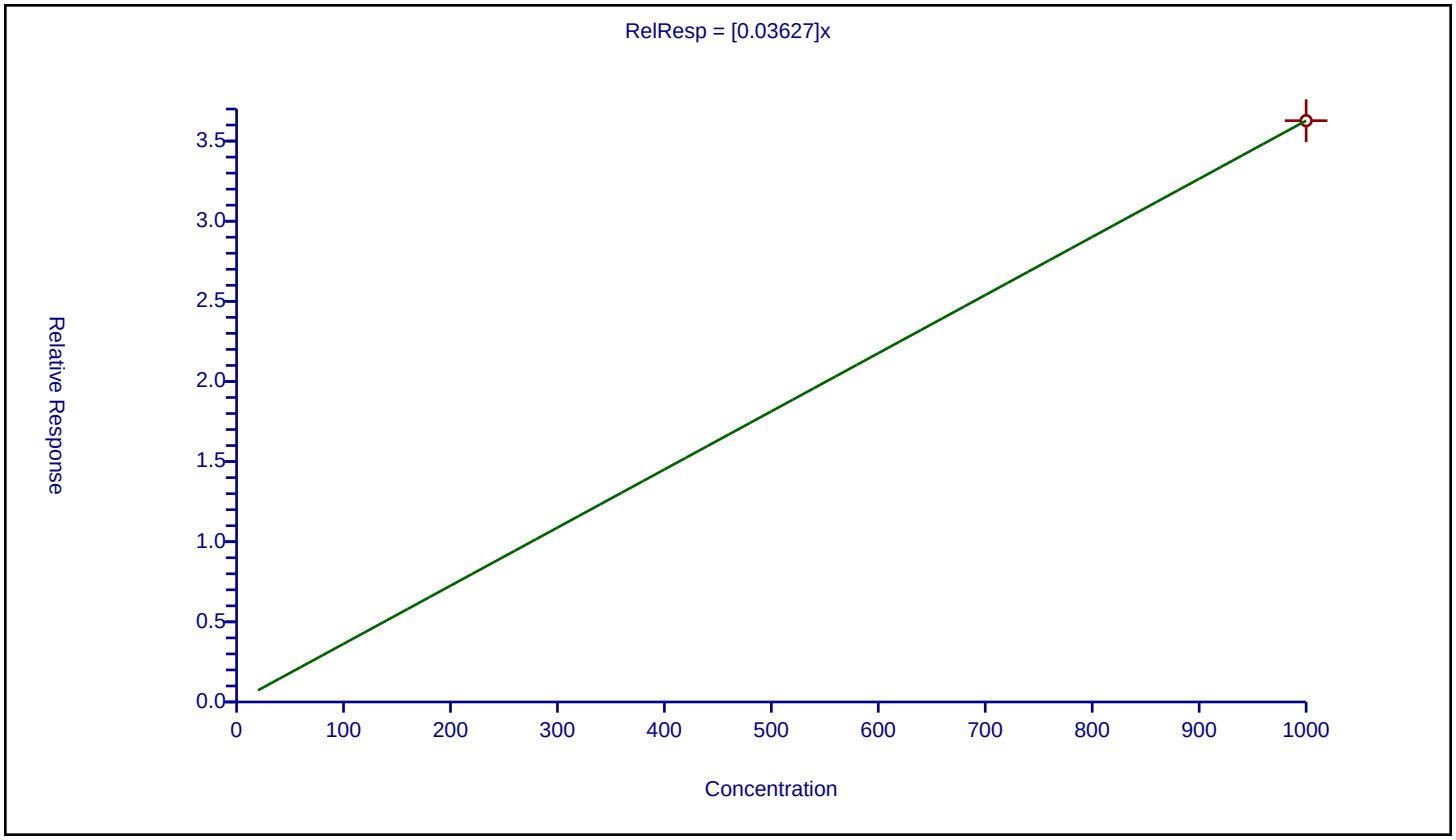
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03627 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/10 | 1000.0 | 36.273497 | 20.0 | 182008027.0 | 0.036273 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:33 Calibration End Date: 10/23/2024 12:33 Calibration ID: 98961

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/11 | 14F0008288.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 0.0153 | | | | | Ave | | 0.0153 | | | | | | 20.0 | | | |
| PCB-1248 Peak 2 | 0.0425 | | | | | Ave | | 0.0425 | | | | | | 20.0 | | | |
| PCB-1248 Peak 3 | 0.0275 | | | | | Ave | | 0.0275 | | | | | | 20.0 | | | |
| PCB-1248 Peak 4 | 0.0245 | | | | | Ave | | 0.0245 | | | | | | 20.0 | | | |
| PCB-1248 Peak 5 | 0.0394 | | | | | Ave | | 0.0394 | | | | | | 20.0 | | | |
| PCB-1248 Peak 6 | 0.0428 | | | | | Ave | | 0.0428 | | | | | | 20.0 | | | |
| PCB-1248 Peak 7 | 0.0476 | | | | | Ave | | 0.0476 | | | | | | 20.0 | | | |
| PCB-1248 Peak 8 | 0.0250 | | | | | Ave | | 0.0250 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14  GC Column: Rtx-CLP  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:33  Calibration End Date: 10/23/2024 12:33  Calibration ID: 98961

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/11 | 14F0008288.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | BNB | Ave | 60380196 | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | BNB | Ave | 167278151 | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | BNB | Ave | 108336748 | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | BNB | Ave | 96577729 | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | BNB | Ave | 154881837 | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | BNB | Ave | 168273808 | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | BNB | Ave | 187405274 | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | BNB | Ave | 98184121 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:33:51 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-011
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:36 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:56:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.295 | 2.295 | 0.000 | 78704427 | 20.0 | 20.0 | |
| 2 | 1.966 | 1.966 | 0.000 | 176907791 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 6 PCB-1248 | | | | | | | M |
| 1 | 4.617 | 4.617 | 0.000 | 60380196 | 1000.0 | 1000.0 | M |
| 1 | 5.203 | 5.203 | 0.000 | 167278151 | 1000.0 | 1000.0 | M |
| 1 | 5.676 | 5.676 | 0.000 | 108336748 | 1000.0 | 1000.0 | M |
| 1 | 5.735 | 5.735 | 0.000 | 96577729 | 1000.0 | 1000.0 | M |
| 1 | 6.245 | 6.245 | 0.000 | 154881837 | 1000.0 | 1000.0 | M |
| 1 | 6.647 | 6.647 | 0.000 | 168273808 | 1000.0 | 1000.0 | M |
| 1 | 6.722 | 6.722 | 0.000 | 187405274 | 1000.0 | 1000.0 | M |
| 1 | 7.882 | 7.882 | 0.000 | 98184121 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.579 | 3.579 | 0.000 | 120717902 | 1000.0 | 1000.0 | |
| 2 | 4.115 | 4.115 | 0.000 | 366625643 | 1000.0 | 1000.0 | |
| 2 | 4.522 | 4.522 | 0.000 | 408704442 | 1000.0 | 1000.0 | |
| 2 | 4.885 | 4.885 | 0.000 | 243561838 | 1000.0 | 1000.0 | M |
| 2 | 5.293 | 5.293 | 0.000 | 714098616 | 1000.0 | 1000.0 | M |
| 2 | 5.566 | 5.566 | 0.000 | 314217525 | 1000.0 | 1000.0 | M |
| 2 | 6.090 | 6.090 | 0.000 | 191287309 | 1000.0 | 1000.0 | M |
| 2 | 6.905 | 6.905 | 0.000 | 134889847 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1248L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

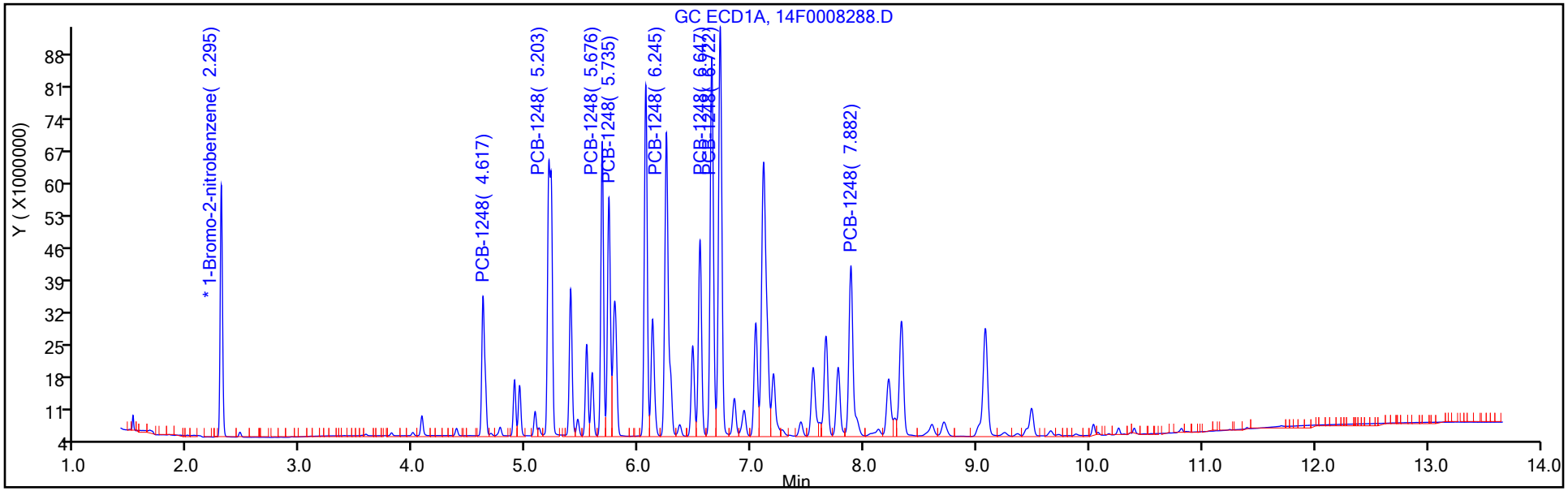
Report Date: 23-Oct-2024 14:02:37 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

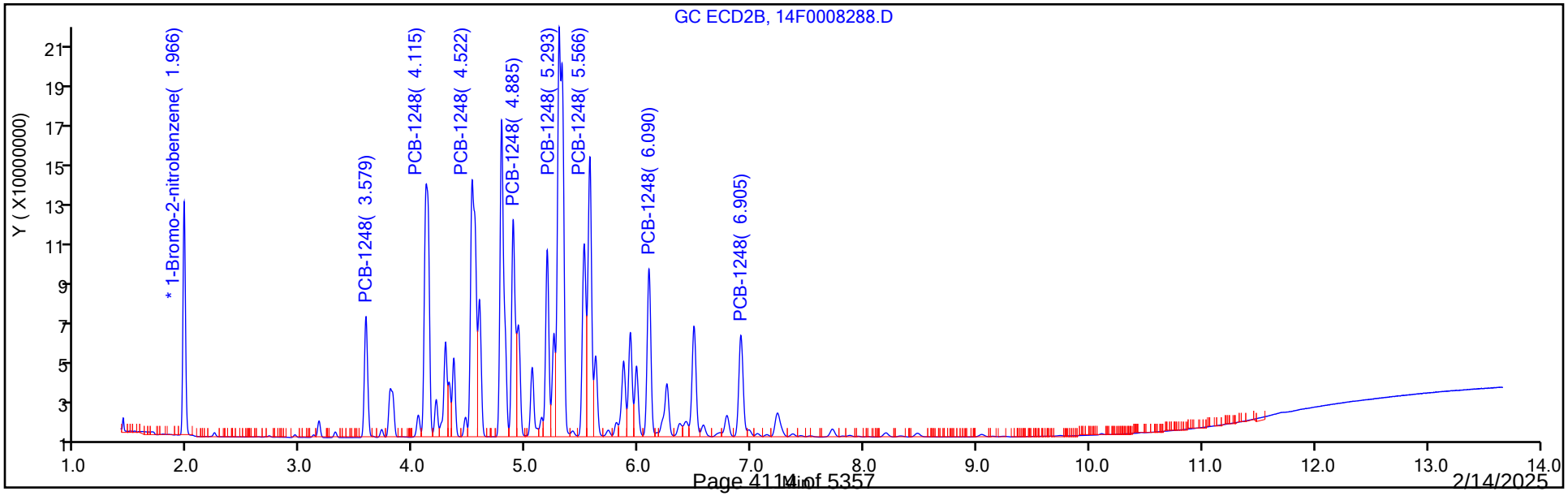
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 12:33:51 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1248 | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





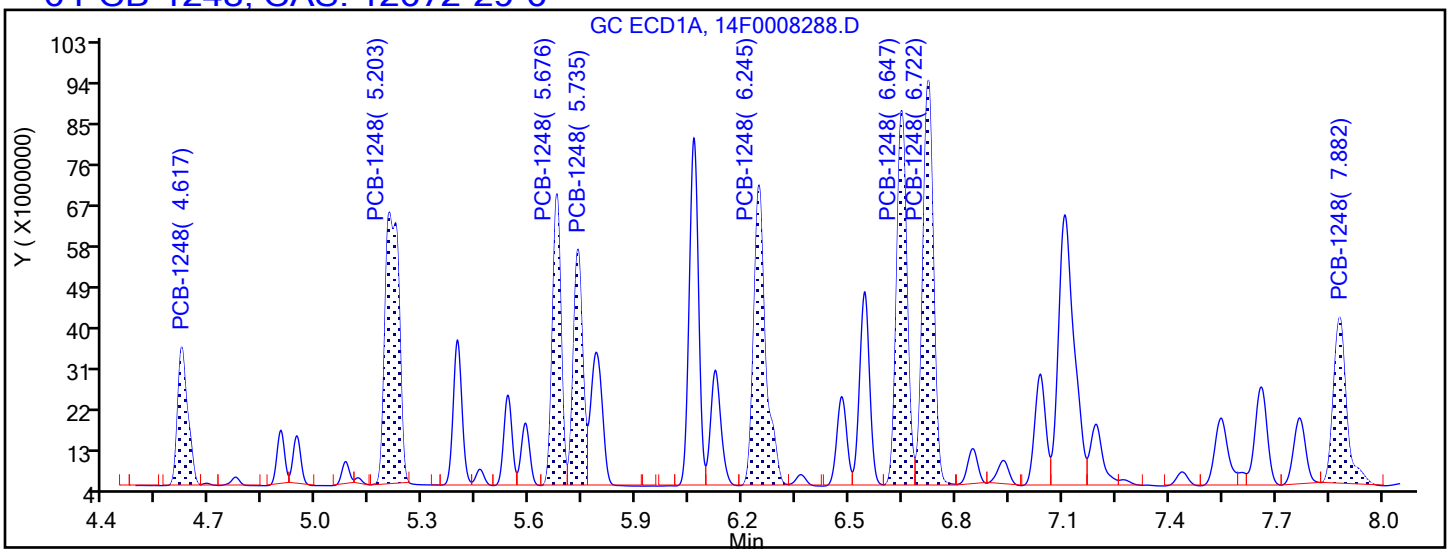

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:37 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

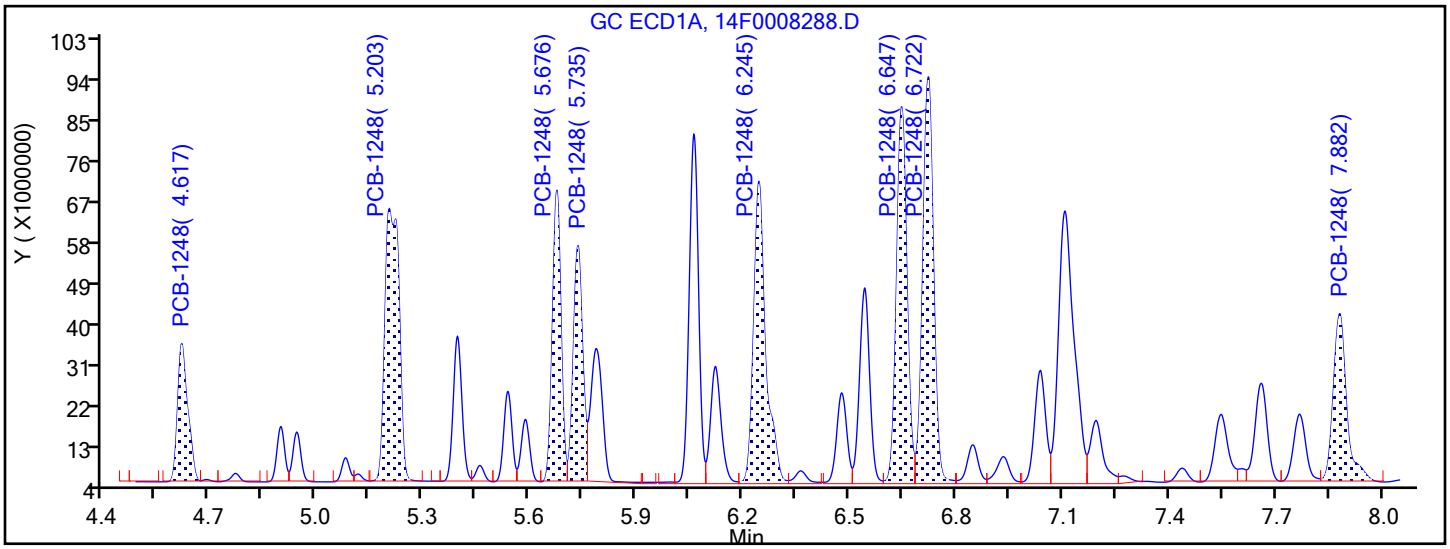
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D
Injection Date: 23-Oct-2024 12:33:51 Instrument ID: CPESTGC14
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 6 PCB-1248, CAS: 12672-29-6




Processing Integration Results

| | |
|---|---|
| 4.617 | Response = 59660633 |
| 5.203 | Response = 163304700 |
| 5.676 | Response = 107979954 |
| 5.735 | Response = 96386931 |
| 6.245 | Response = 154174128 |
| 6.647 | Response = 166636050 |
| 6.722 | Response = 184924262 |
| 7.882 | Response = 94060242 |




Manual Integration Results

| | | |
|---|---|---|
| 4.617 | Response = 60380196 | M |
| 5.203 | Response = 167278151 | M |
| 5.676 | Response = 108336748 | M |
| 5.735 | Response = 96577729 | M |
| 6.245 | Response = 154881837 | M |
| 6.647 | Response = 168273808 | M |

## Calibration / PCB-1248 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

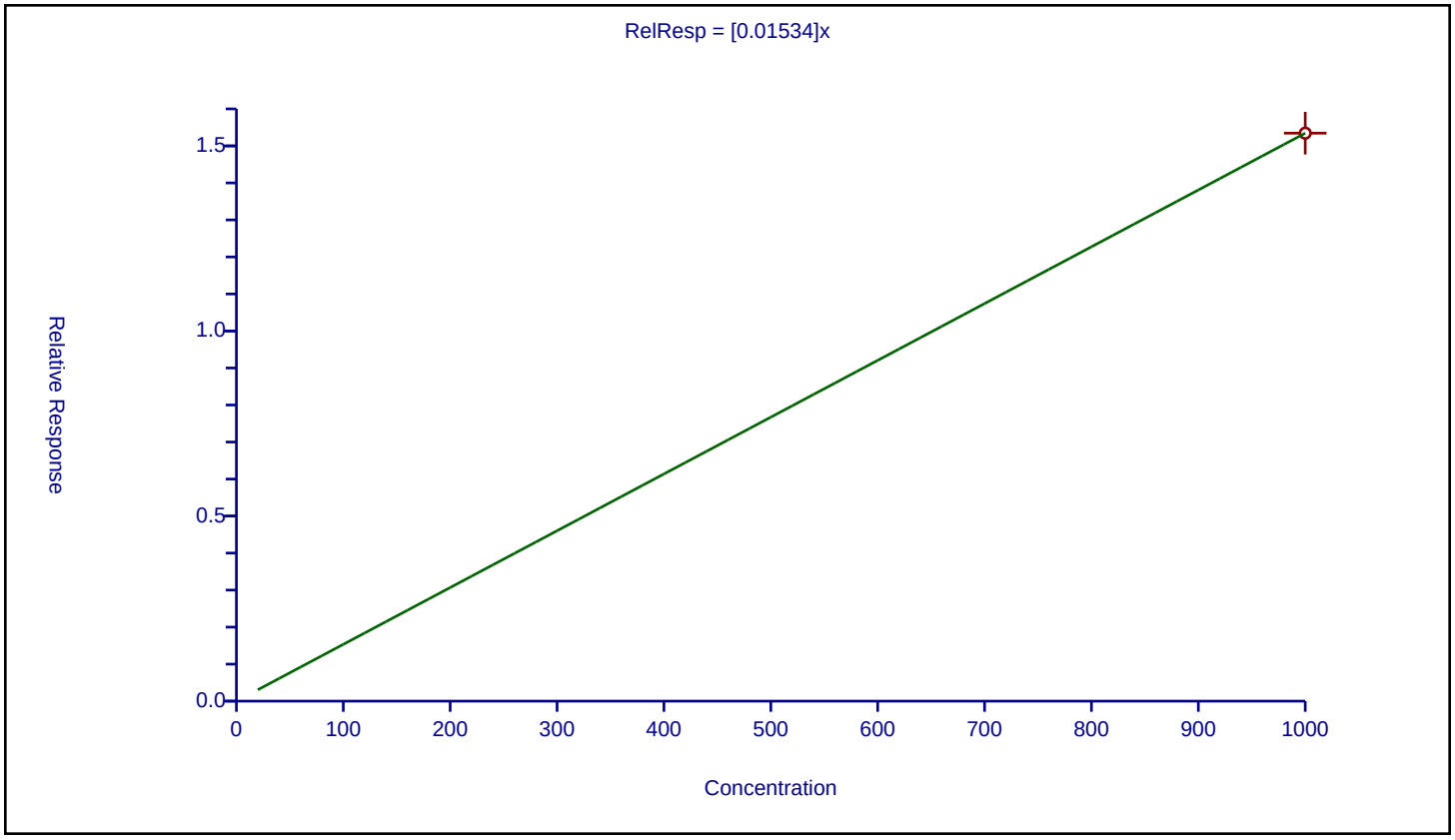
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01534 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 15.343532 | 20.0 | 78704427.0 | 0.015344 | Y |



## Calibration / PCB-1248 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

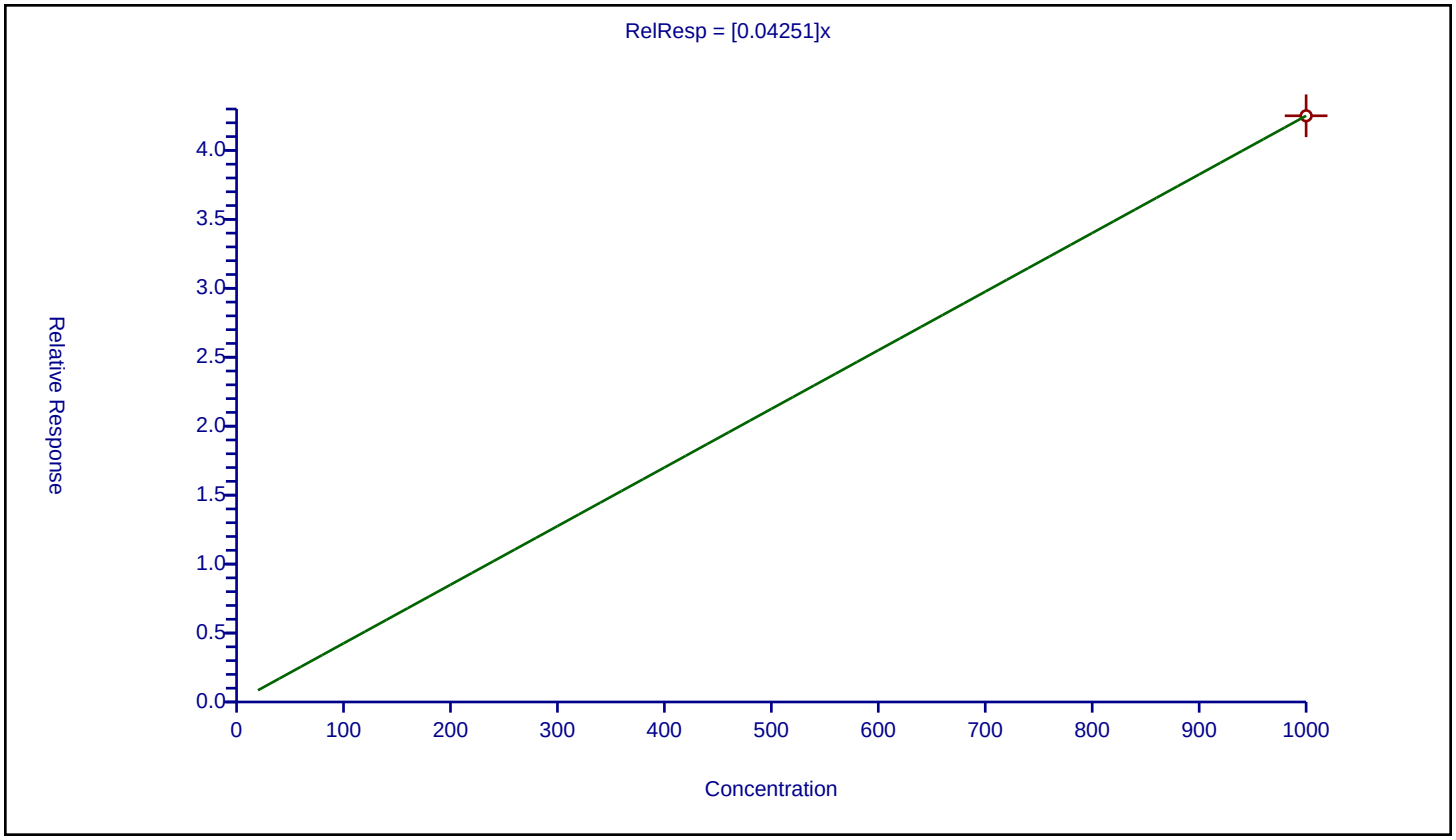
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04251 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 42.507939 | 20.0 | 78704427.0 | 0.042508 | Y |



## Calibration / PCB-1248 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

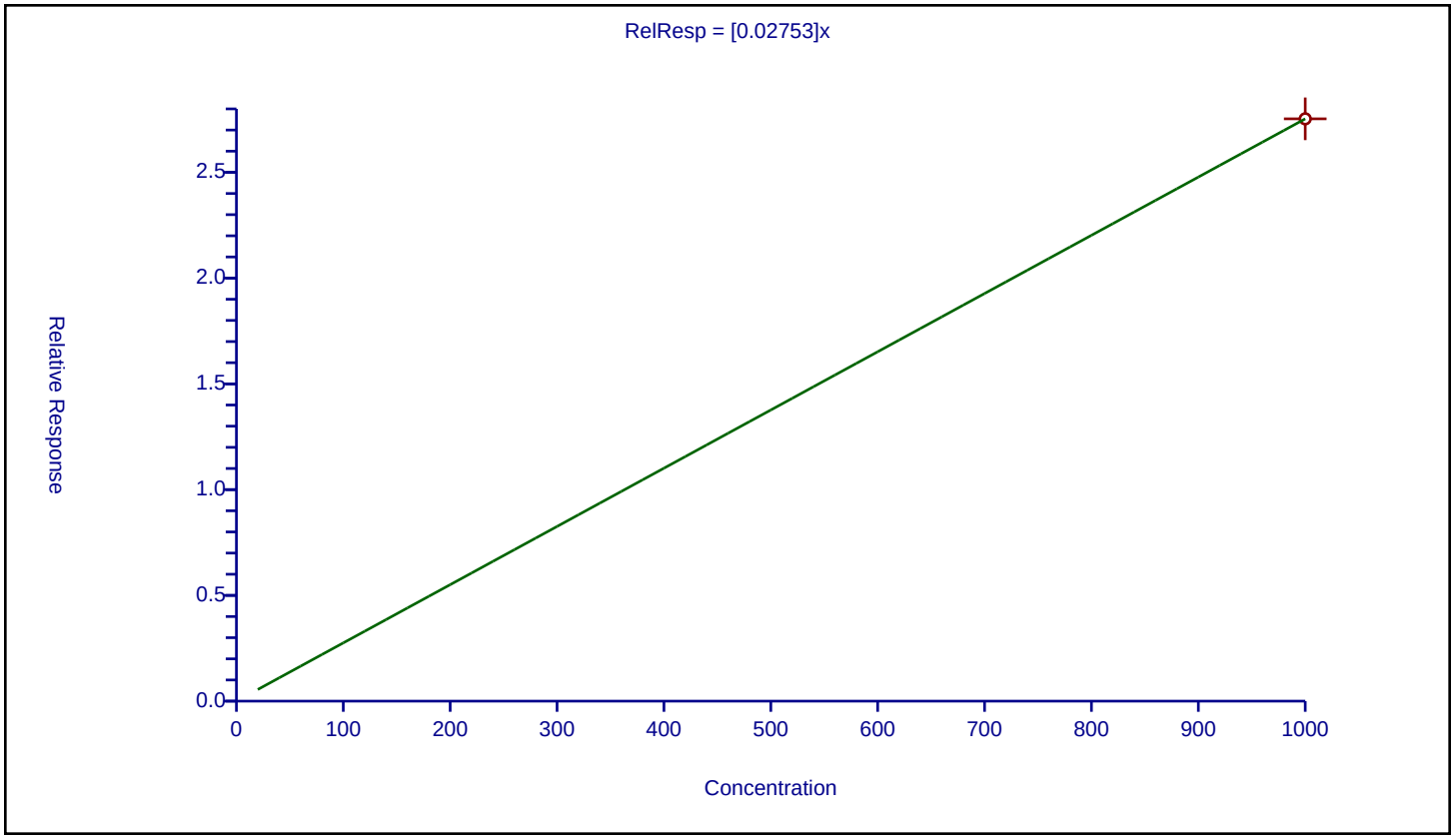
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02753 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 27.530026 | 20.0 | 78704427.0 | 0.02753 | Y |



## Calibration / PCB-1248 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

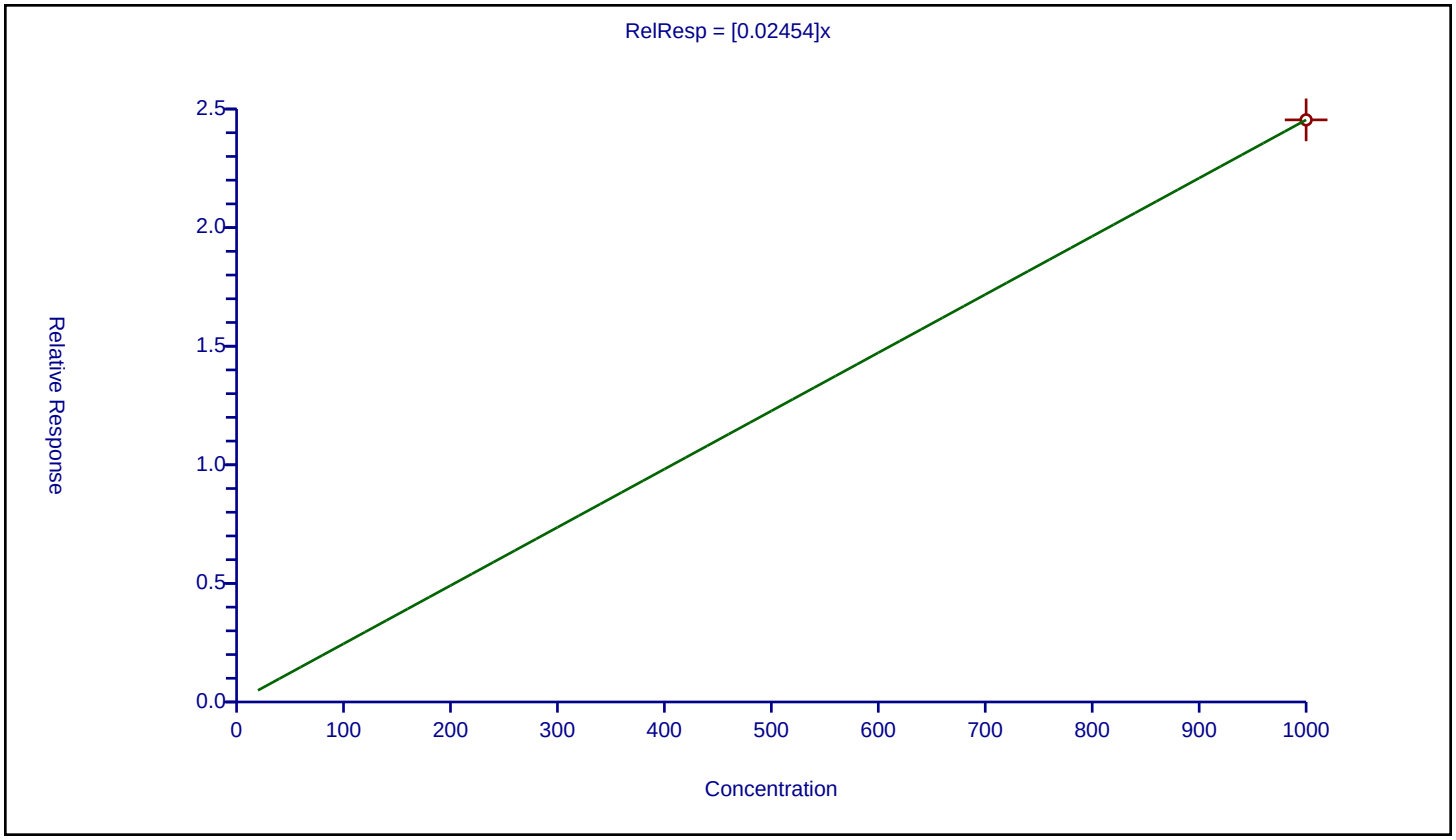
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02454 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 24.54188 | 20.0 | 78704427.0 | 0.024542 | Y |



## Calibration / PCB-1248 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

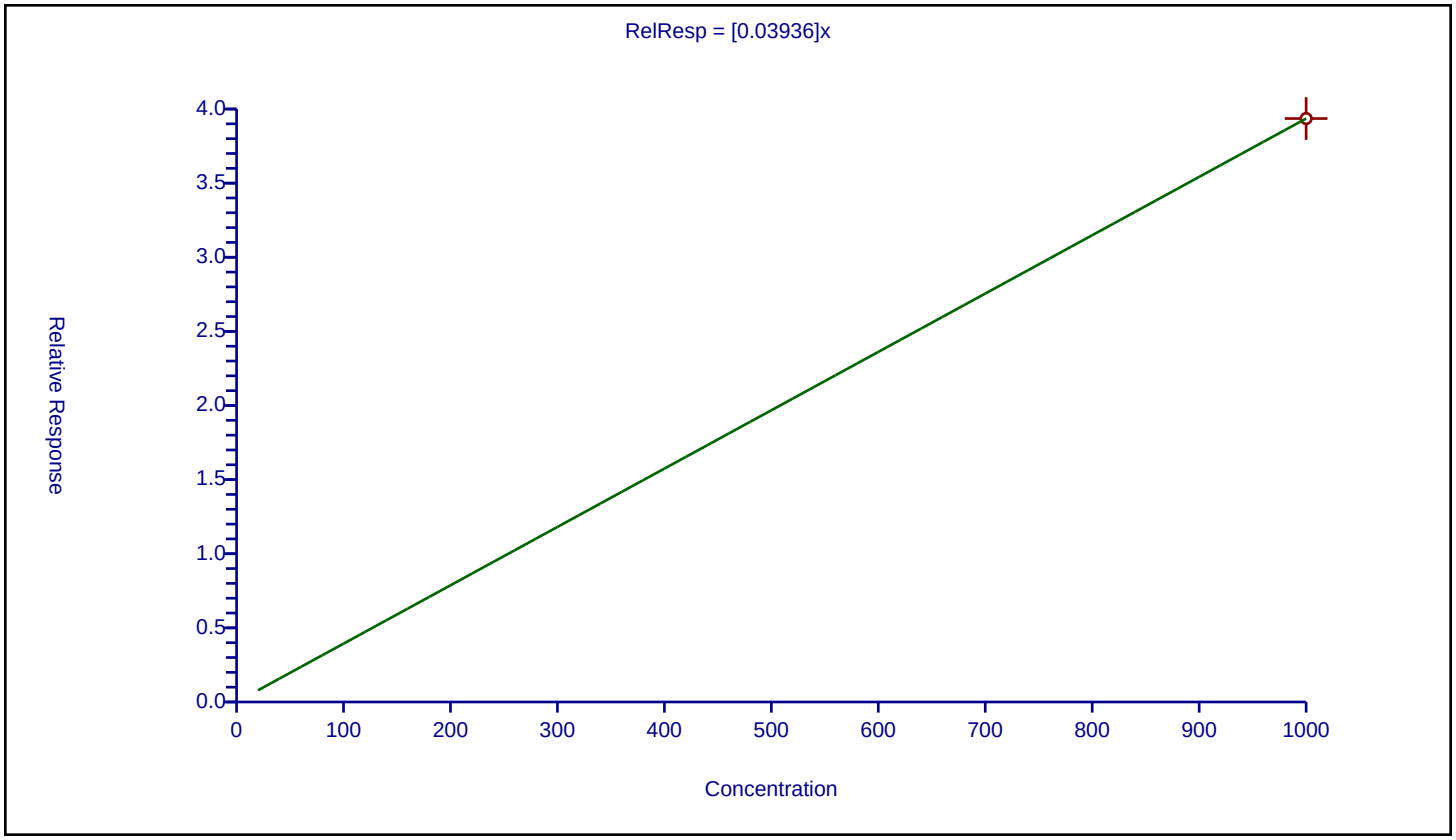
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03936 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 39.357846 | 20.0 | 78704427.0 | 0.039358 | Y |



## Calibration / PCB-1248 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

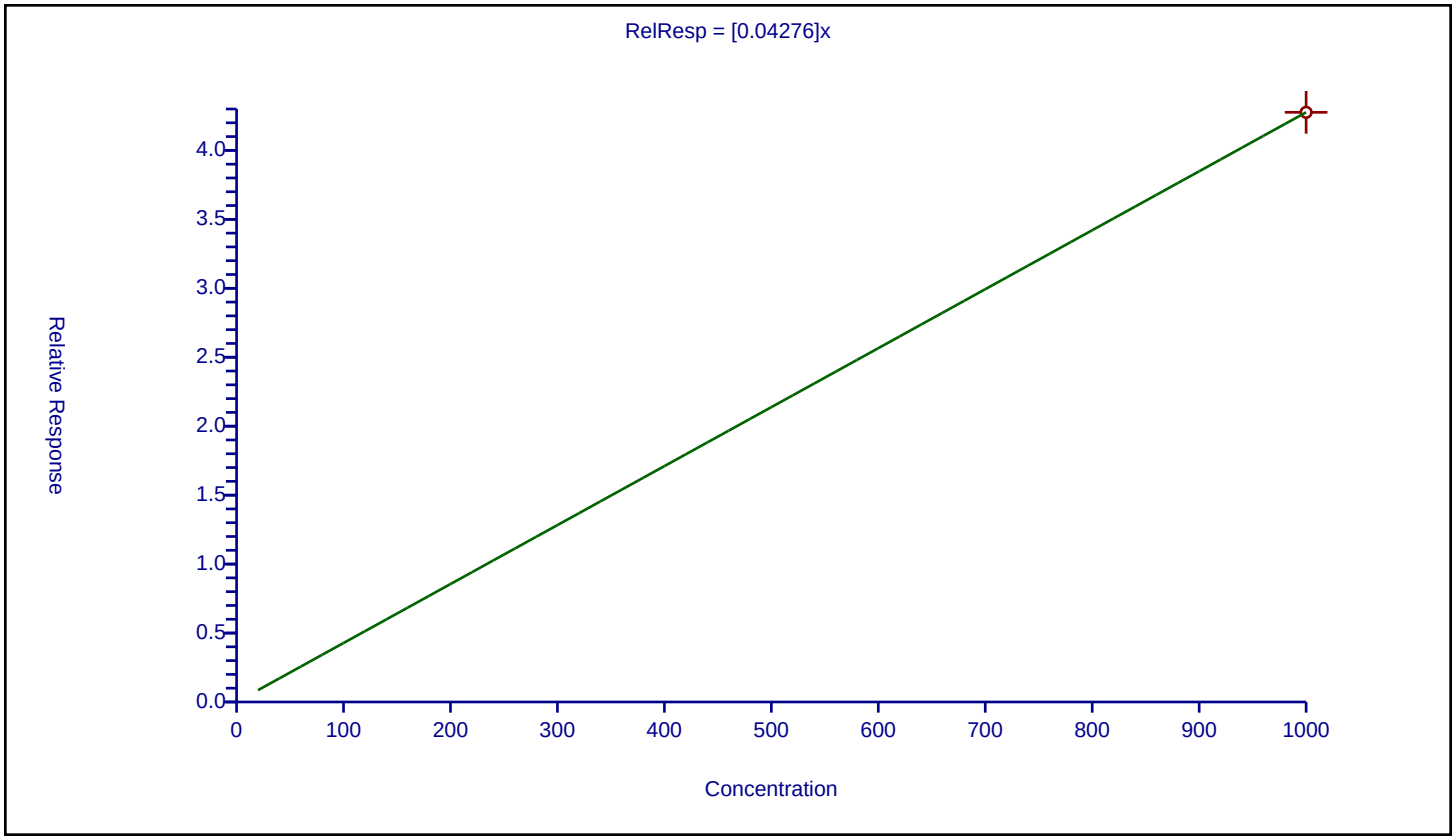
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04276 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 42.760951 | 20.0 | 78704427.0 | 0.042761 | Y |



## Calibration / PCB-1248 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

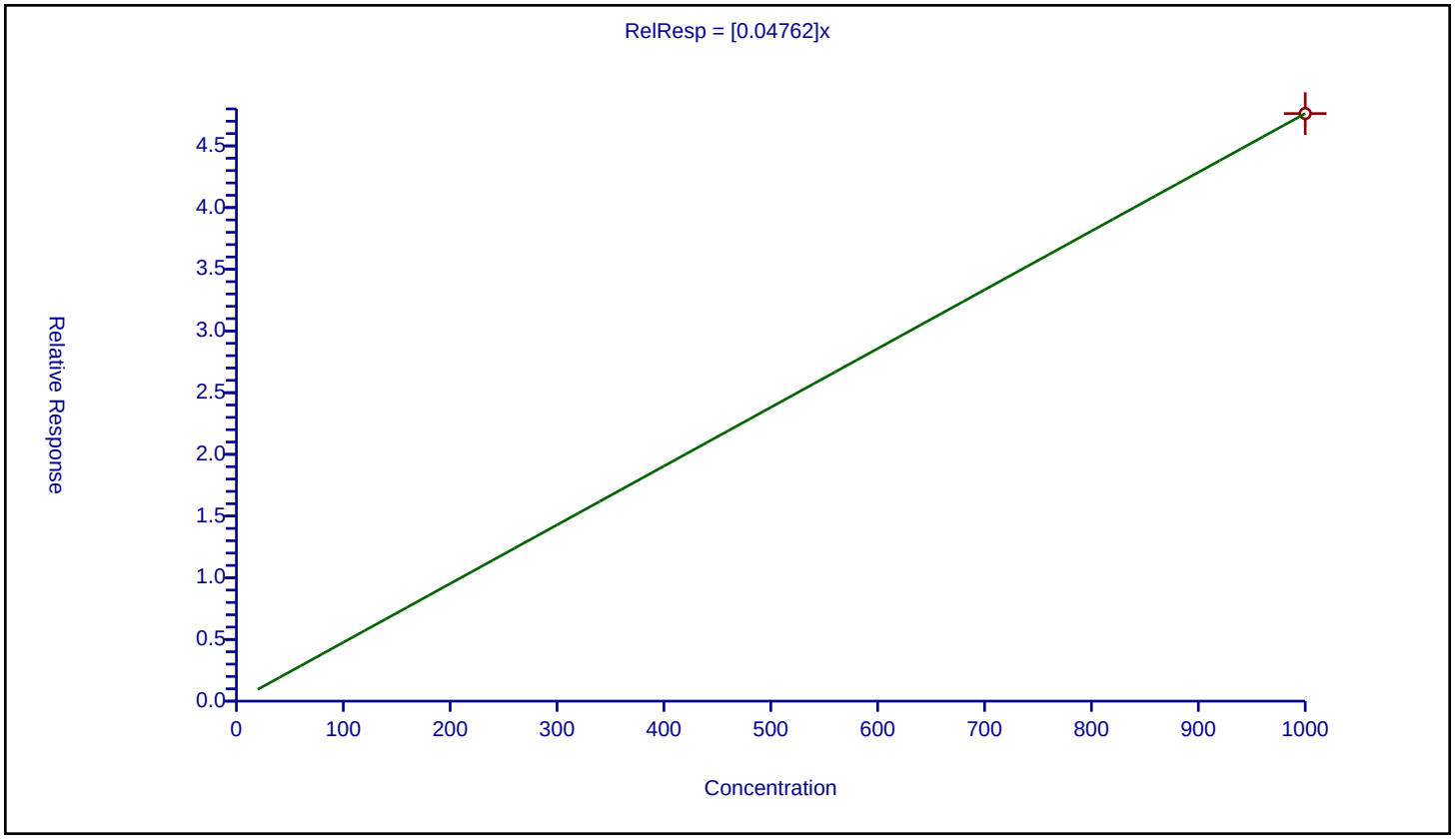
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04762 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 47.62255 | 20.0 | 78704427.0 | 0.047623 | Y |



## Calibration / PCB-1248 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

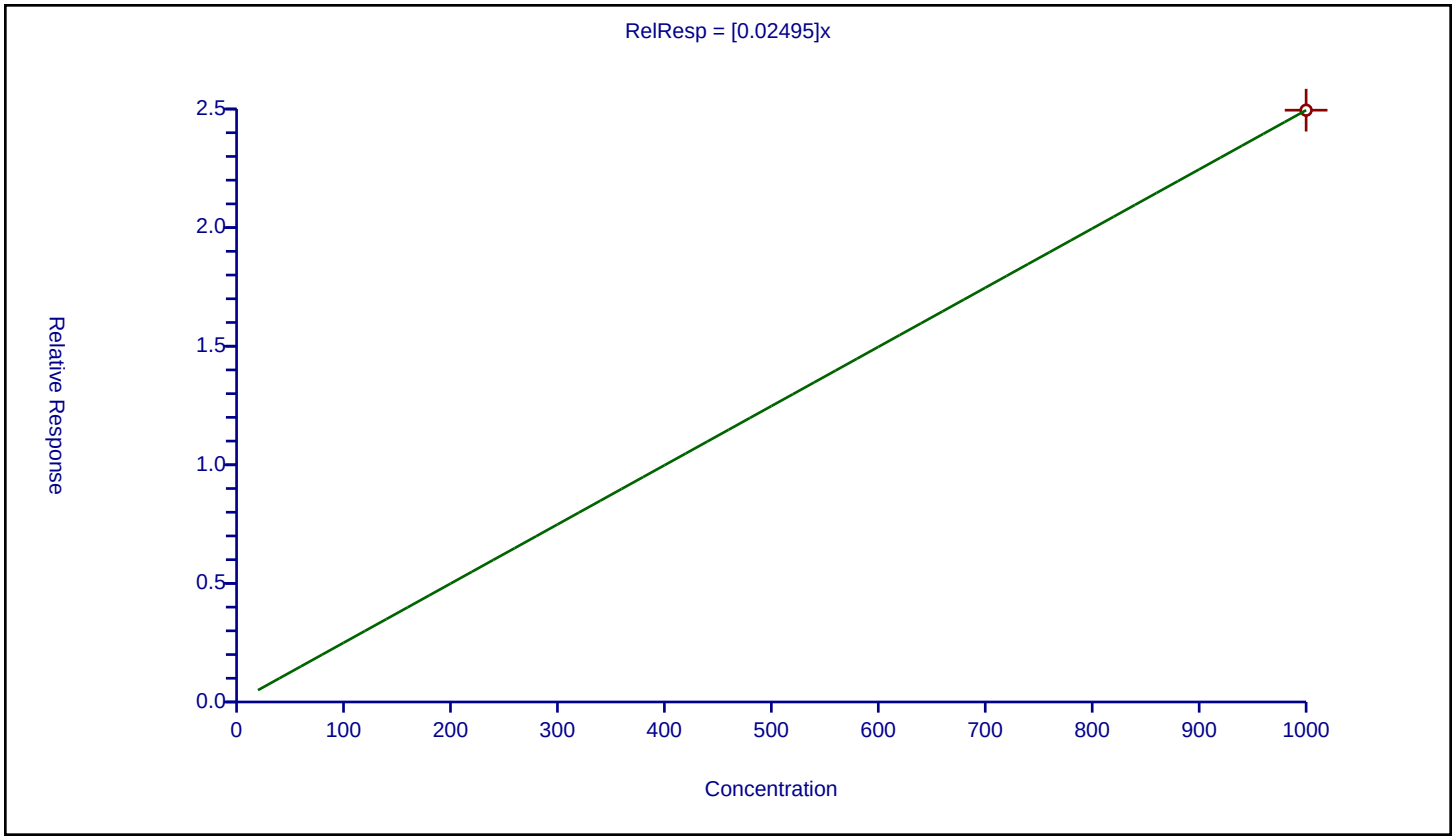
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02495 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 24.950089 | 20.0 | 78704427.0 | 0.02495 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:33 Calibration End Date: 10/23/2024 12:33 Calibration ID: 98962

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/11 | 14F0008288.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 0.0136 | | | | | Ave | | 0.0136 | | | | | | 20.0 | | | |
| PCB-1248 Peak 2 | 0.0414 | | | | | Ave | | 0.0414 | | | | | | 20.0 | | | |
| PCB-1248 Peak 3 | 0.0462 | | | | | Ave | | 0.0462 | | | | | | 20.0 | | | |
| PCB-1248 Peak 4 | 0.0275 | | | | | Ave | | 0.0275 | | | | | | 20.0 | | | |
| PCB-1248 Peak 5 | 0.0807 | | | | | Ave | | 0.0807 | | | | | | 20.0 | | | |
| PCB-1248 Peak 6 | 0.0355 | | | | | Ave | | 0.0355 | | | | | | 20.0 | | | |
| PCB-1248 Peak 7 | 0.0216 | | | | | Ave | | 0.0216 | | | | | | 20.0 | | | |
| PCB-1248 Peak 8 | 0.0152 | | | | | Ave | | 0.0152 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:33 | Calibration End Date: 10/23/2024 12:33 | Calibration ID: 98962

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/11 | 14F0008288.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | BNB | Ave | 120717902 | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | BNB | Ave | 366625643 | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | BNB | Ave | 408704442 | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | BNB | Ave | 243561838 | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | BNB | Ave | 714098616 | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | BNB | Ave | 314217525 | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | BNB | Ave | 191287309 | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | BNB | Ave | 134889847 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:33:51 ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-011
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:36 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 12:56:24

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.295 | 2.295 | 0.000 | 78704427 | 20.0 | 20.0 | |
| 2 | 1.966 | 1.966 | 0.000 | 176907791 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 6 PCB-1248 | | | | | | | M |
| 1 | 4.617 | 4.617 | 0.000 | 60380196 | 1000.0 | 1000.0 | M |
| 1 | 5.203 | 5.203 | 0.000 | 167278151 | 1000.0 | 1000.0 | M |
| 1 | 5.676 | 5.676 | 0.000 | 108336748 | 1000.0 | 1000.0 | M |
| 1 | 5.735 | 5.735 | 0.000 | 96577729 | 1000.0 | 1000.0 | M |
| 1 | 6.245 | 6.245 | 0.000 | 154881837 | 1000.0 | 1000.0 | M |
| 1 | 6.647 | 6.647 | 0.000 | 168273808 | 1000.0 | 1000.0 | M |
| 1 | 6.722 | 6.722 | 0.000 | 187405274 | 1000.0 | 1000.0 | M |
| 1 | 7.882 | 7.882 | 0.000 | 98184121 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 3.579 | 3.579 | 0.000 | 120717902 | 1000.0 | 1000.0 | |
| 2 | 4.115 | 4.115 | 0.000 | 366625643 | 1000.0 | 1000.0 | |
| 2 | 4.522 | 4.522 | 0.000 | 408704442 | 1000.0 | 1000.0 | |
| 2 | 4.885 | 4.885 | 0.000 | 243561838 | 1000.0 | 1000.0 | M |
| 2 | 5.293 | 5.293 | 0.000 | 714098616 | 1000.0 | 1000.0 | M |
| 2 | 5.566 | 5.566 | 0.000 | 314217525 | 1000.0 | 1000.0 | M |
| 2 | 6.090 | 6.090 | 0.000 | 191287309 | 1000.0 | 1000.0 | M |
| 2 | 6.905 | 6.905 | 0.000 | 134889847 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1248L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:02:37 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D

Injection Date: 23-Oct-2024 12:33:51 Instrument ID: CPESTGC14 Operator ID:

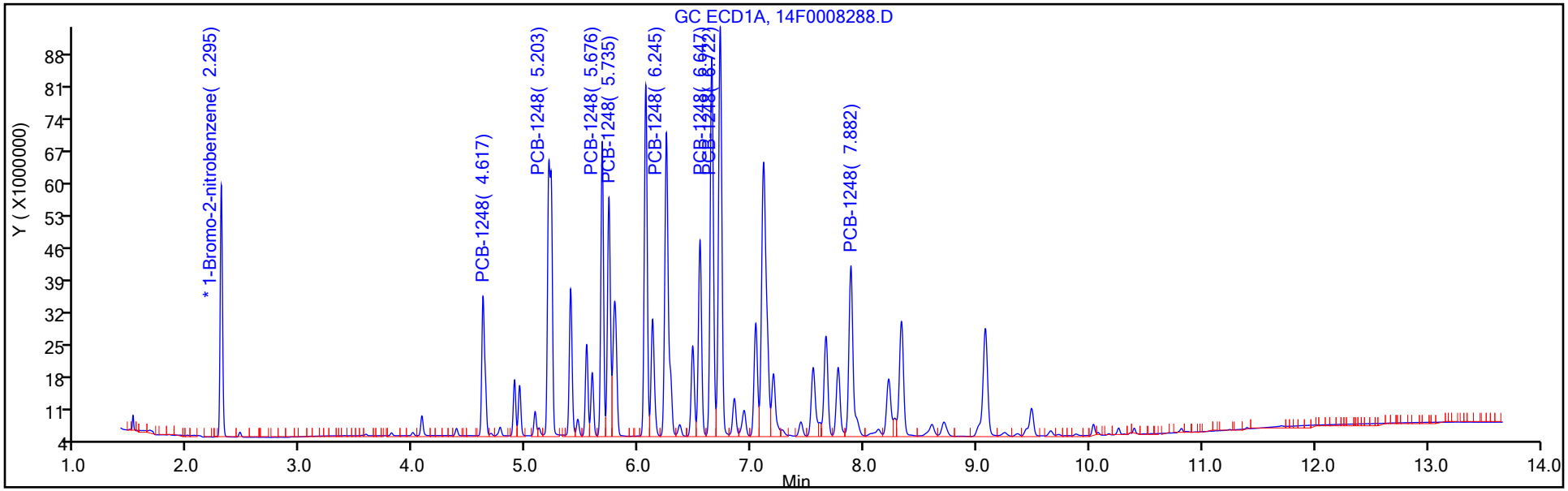
Lims ID: IC 1248 Worklist Smp#: 11

Client ID:

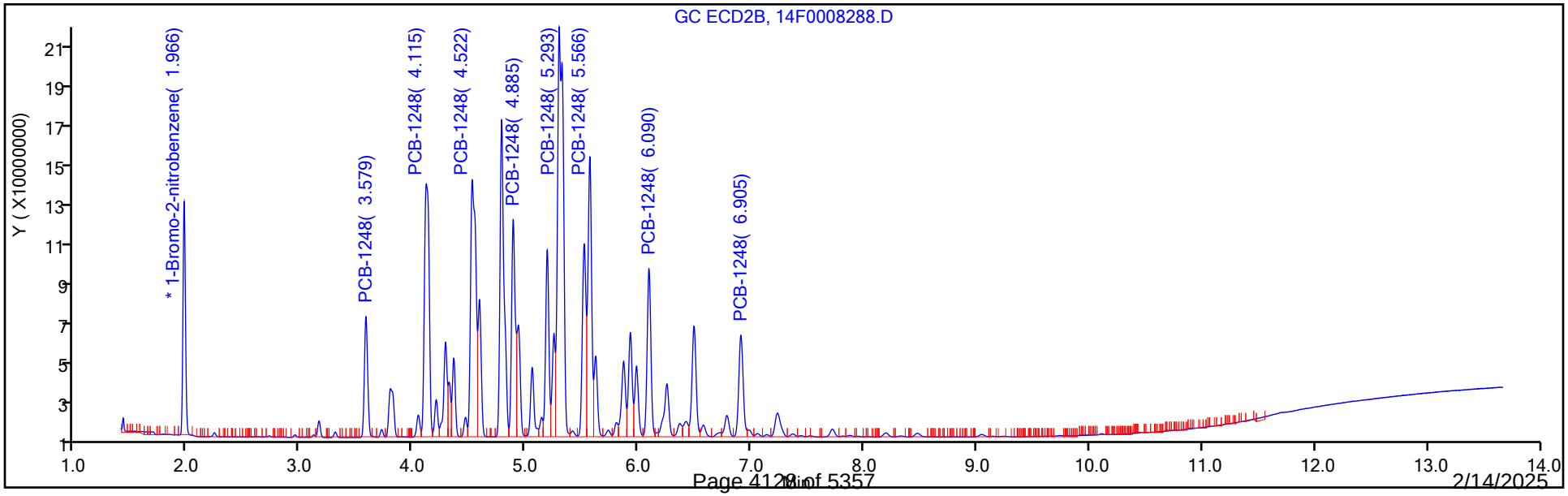
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 14

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





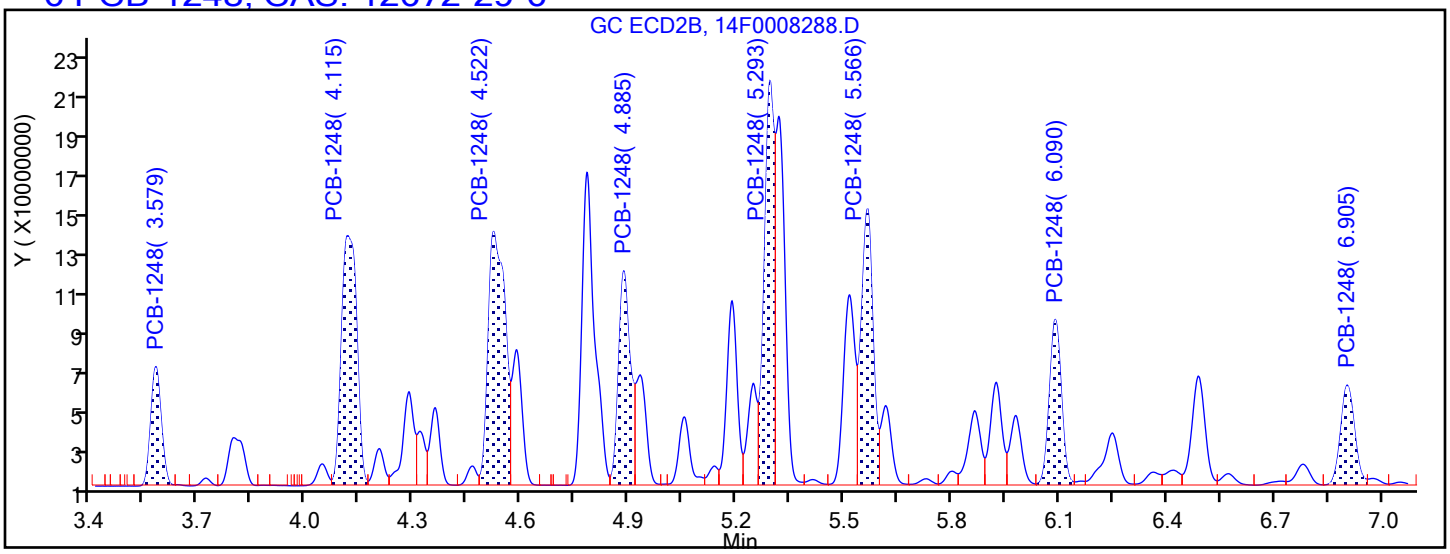

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:37 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

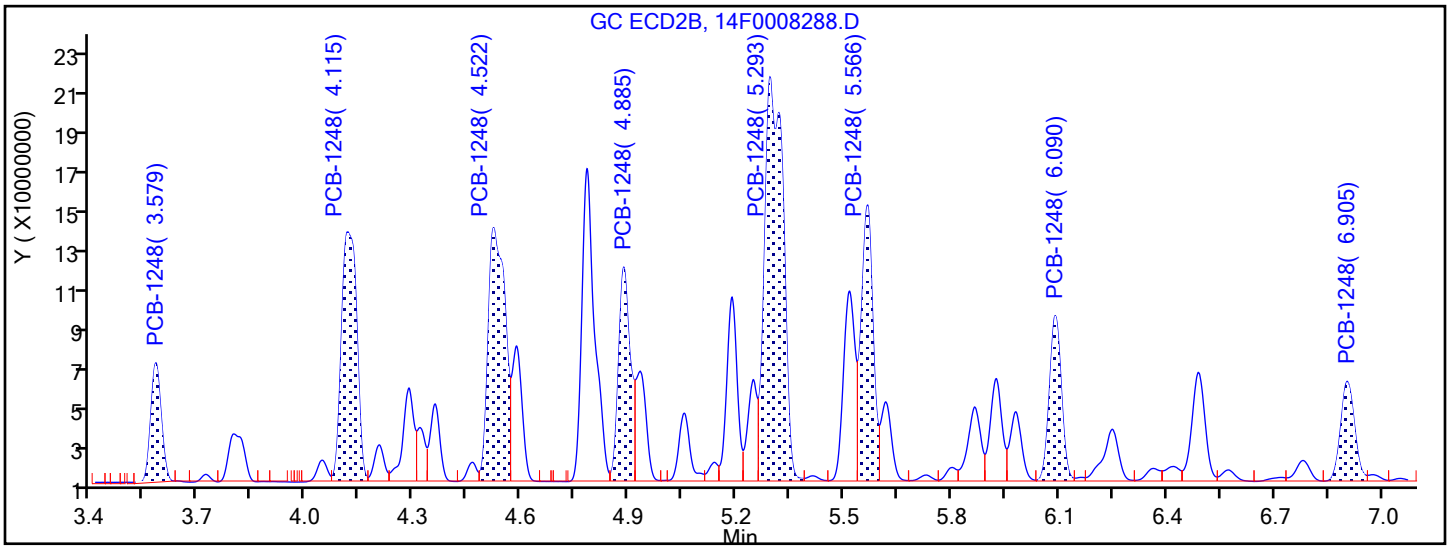
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008288.D
Injection Date: 23-Oct-2024 12:33:51 Instrument ID: CPESTGC14
Lims ID: IC 1248
Client ID:
Operator ID: ALS Bottle#: 14 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 6 PCB-1248, CAS: 12672-29-6




Processing Integration Results

| | |
|---|---|
| 3.579 | Response = 120717902 |
| 4.115 | Response = 366625643 |
| 4.522 | Response = 408704442 |
| 4.885 | Response = 240418677 |
| 5.293 | Response = 383979084 |
| 5.566 | Response = 312511753 |
| 6.090 | Response = 187751284 |
| 6.905 | Response = 133894522 |




Manual Integration Results

| | | |
|---|---|---|
| 3.579 | Response = 120717902 | |
| 4.115 | Response = 366625643 | |
| 4.522 | Response = 408704442 | |
| 4.885 | Response = 243561838 | M |
| 5.293 | Response = 714098616 | M |
| 5.566 | Response = 314217525 | M |

## Calibration / PCB-1248 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

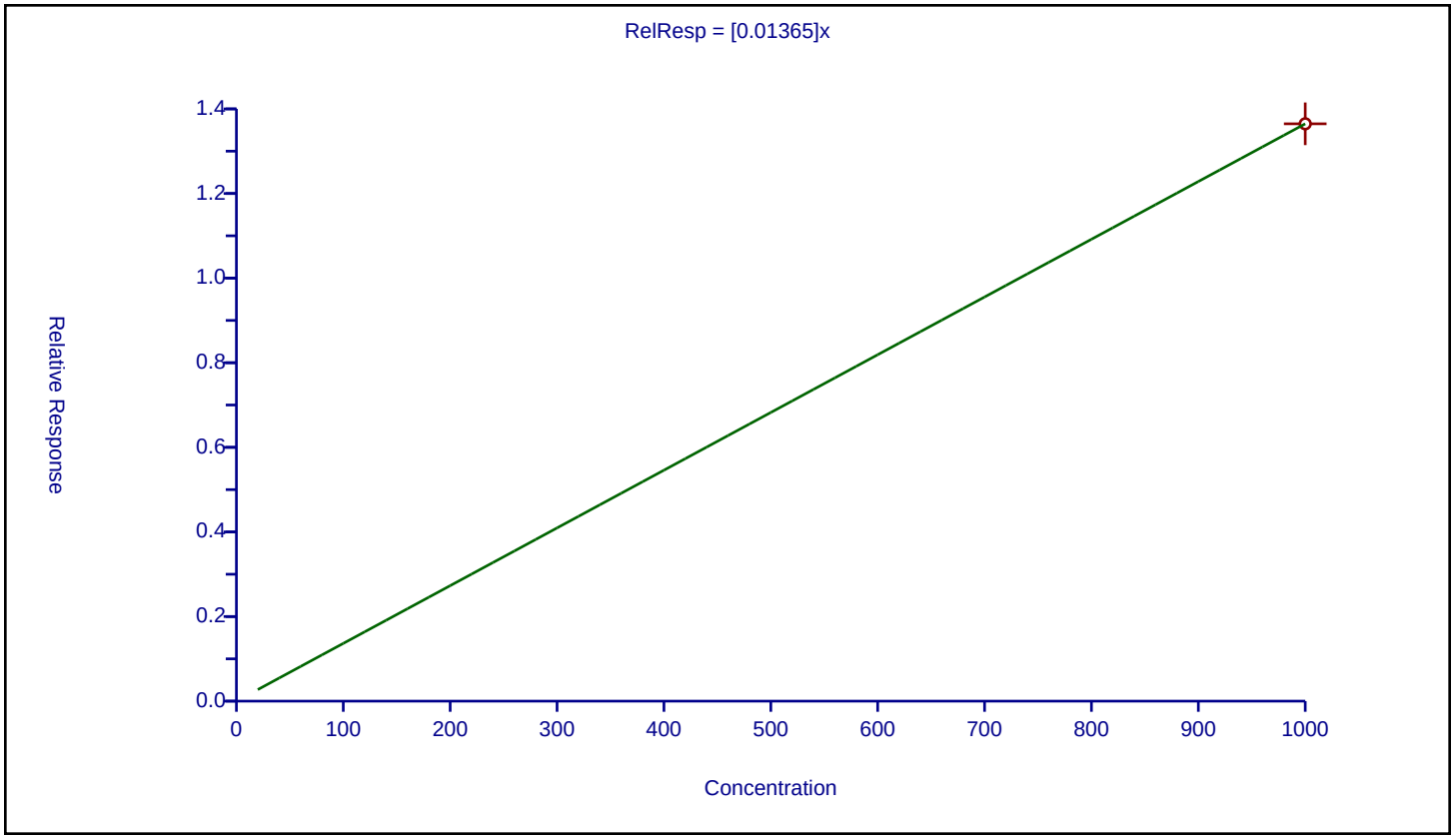
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01365 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 13.647551 | 20.0 | 176907791.0 | 0.013648 | Y |



## Calibration / PCB-1248 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

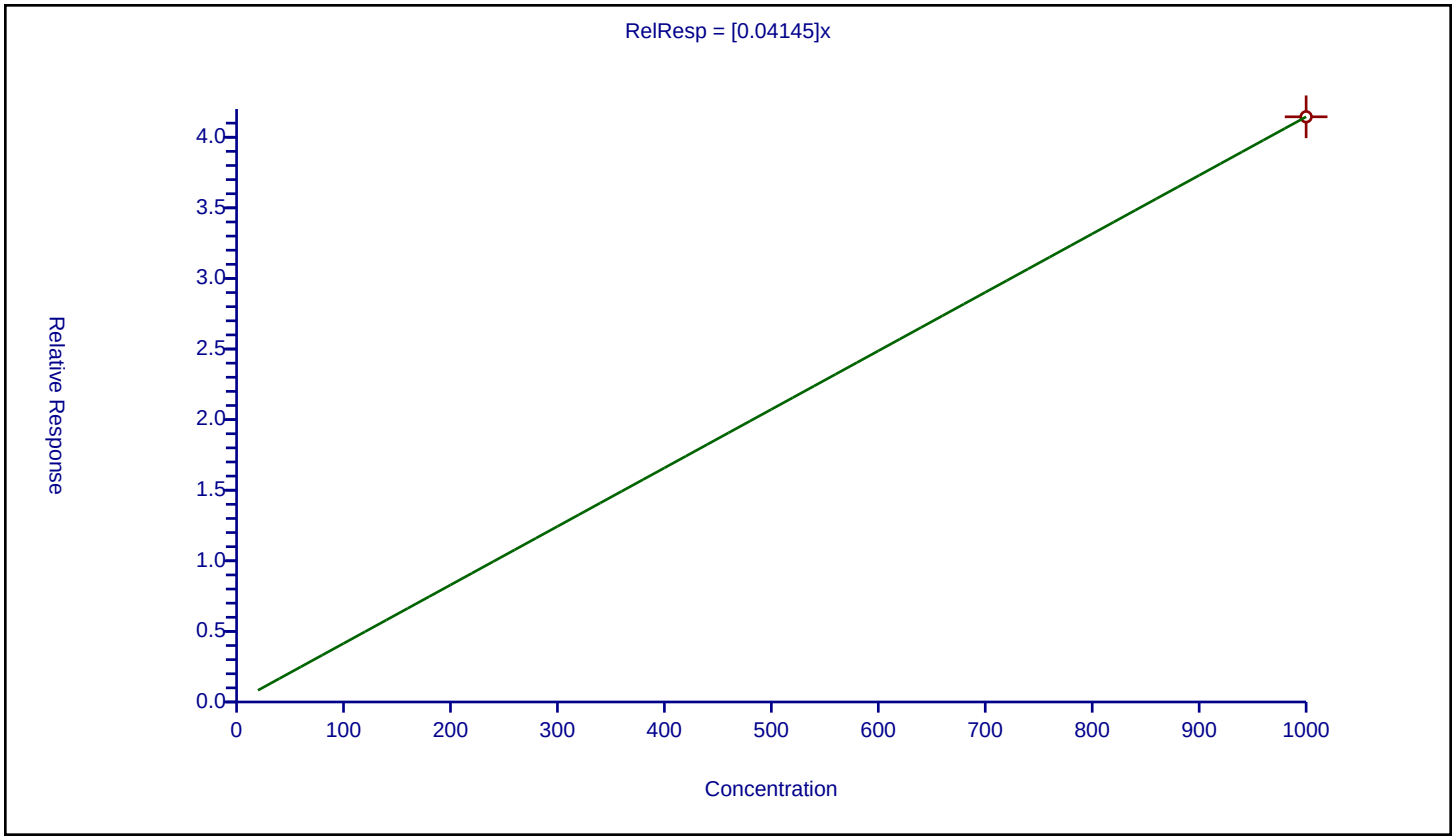
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04145 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 41.448219 | 20.0 | 176907791.0 | 0.041448 | Y |



## Calibration / PCB-1248 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

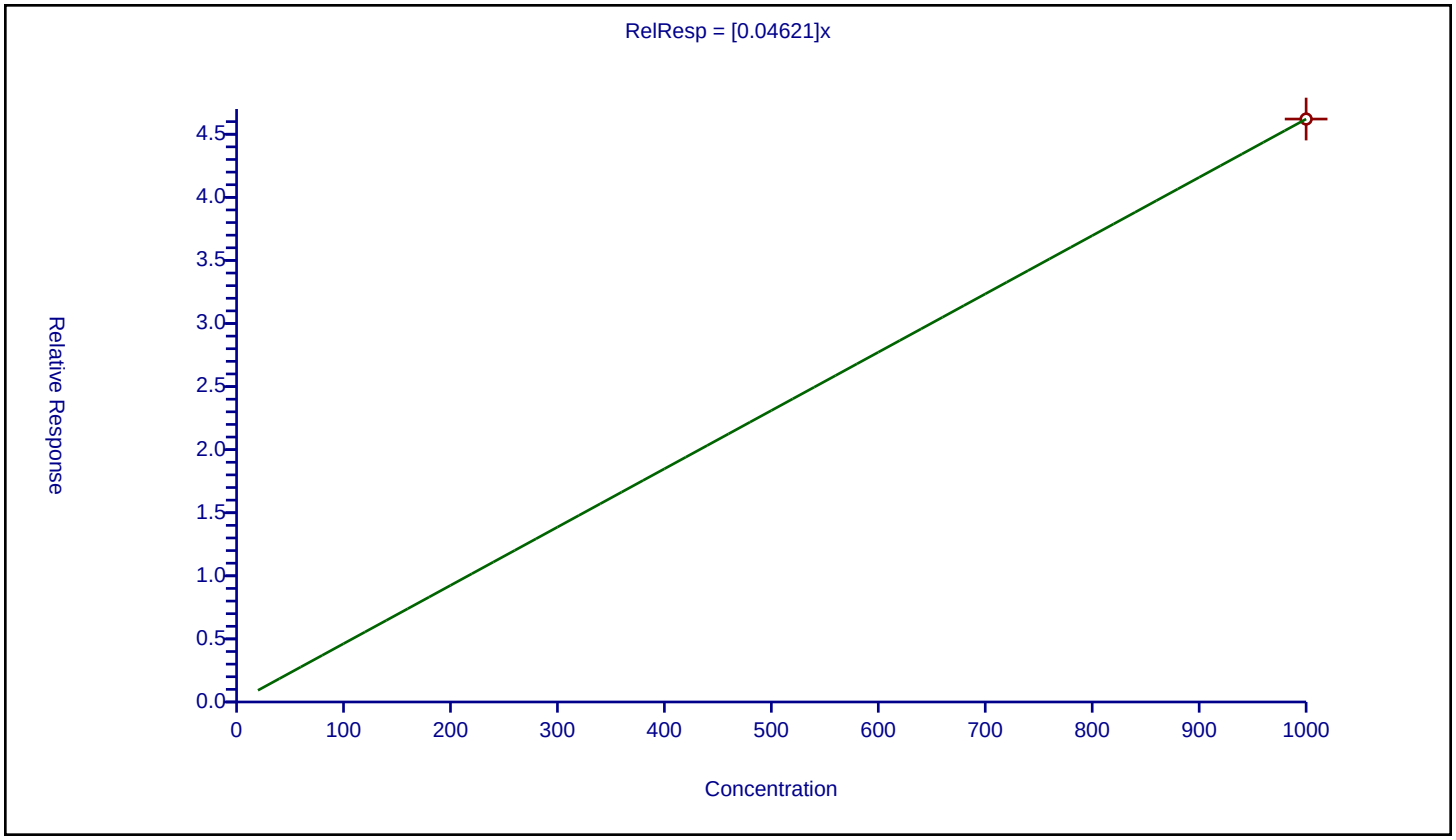
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04621 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 46.205364 | 20.0 | 176907791.0 | 0.046205 | Y |



## Calibration / PCB-1248 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

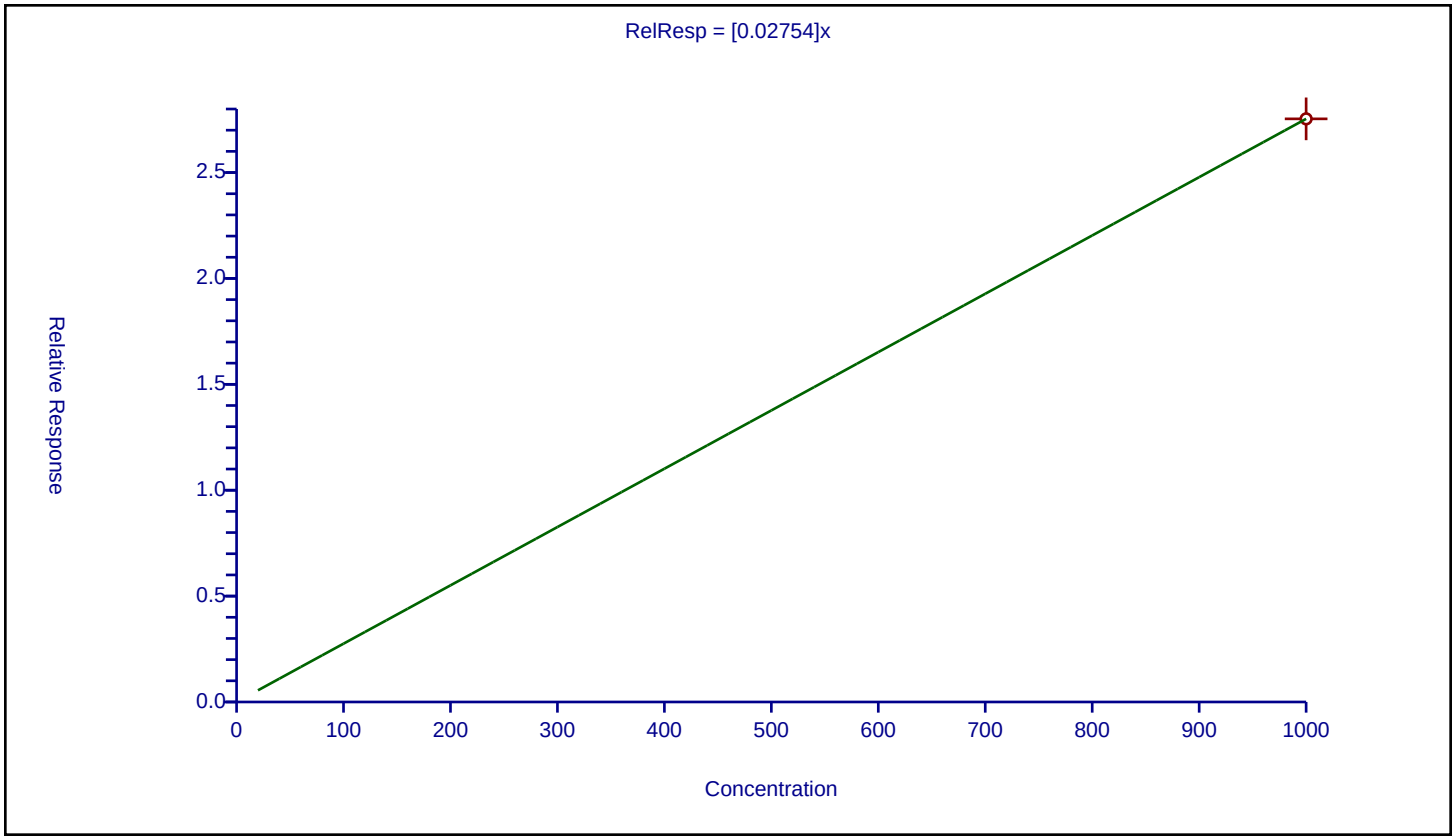
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02754 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 27.535456 | 20.0 | 176907791.0 | 0.027535 | Y |



## Calibration / PCB-1248 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

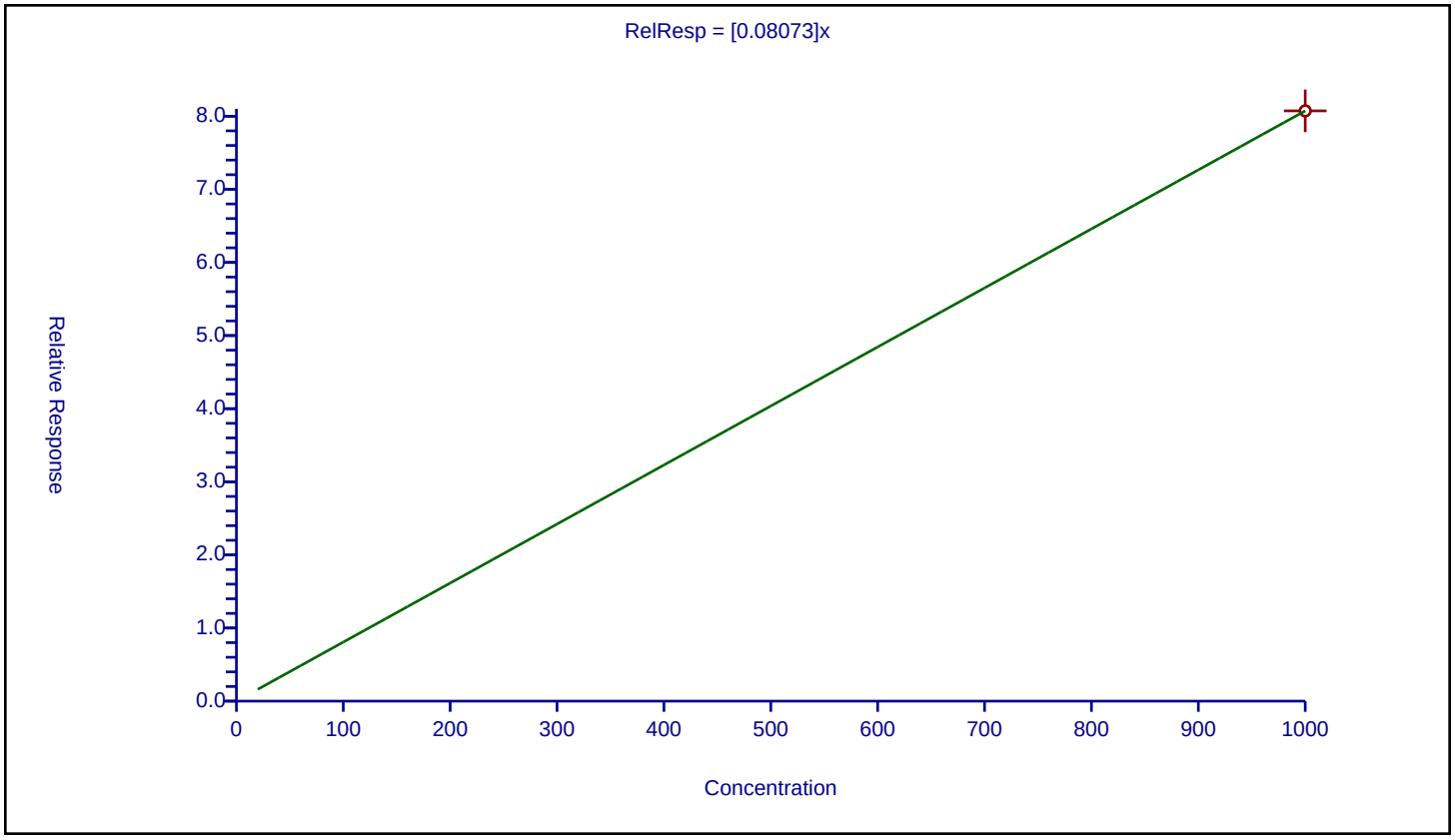
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.08073 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 80.731166 | 20.0 | 176907791.0 | 0.080731 | Y |



## Calibration / PCB-1248 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

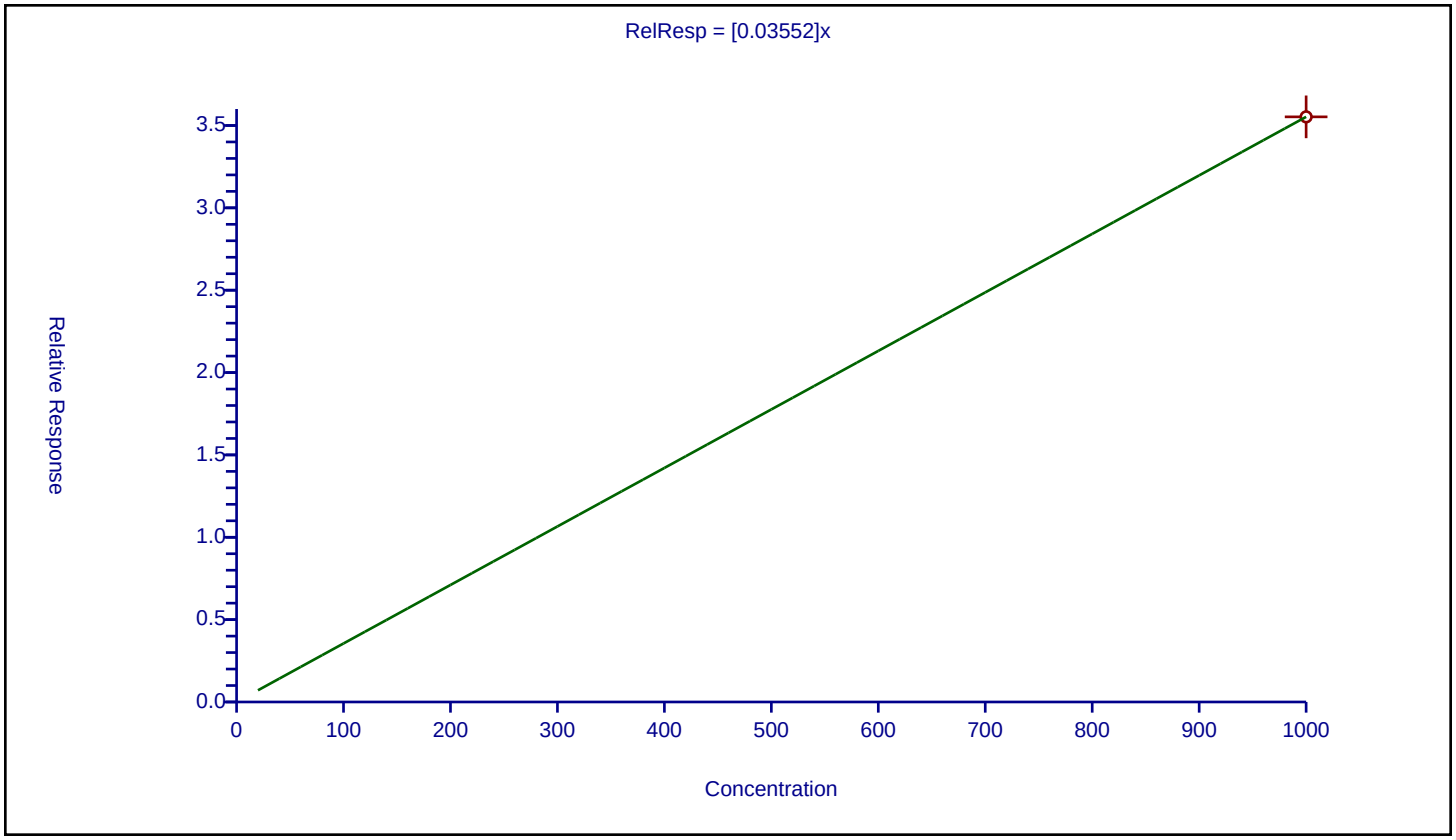
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03552 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 35.523311 | 20.0 | 176907791.0 | 0.035523 | Y |



## Calibration / PCB-1248 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

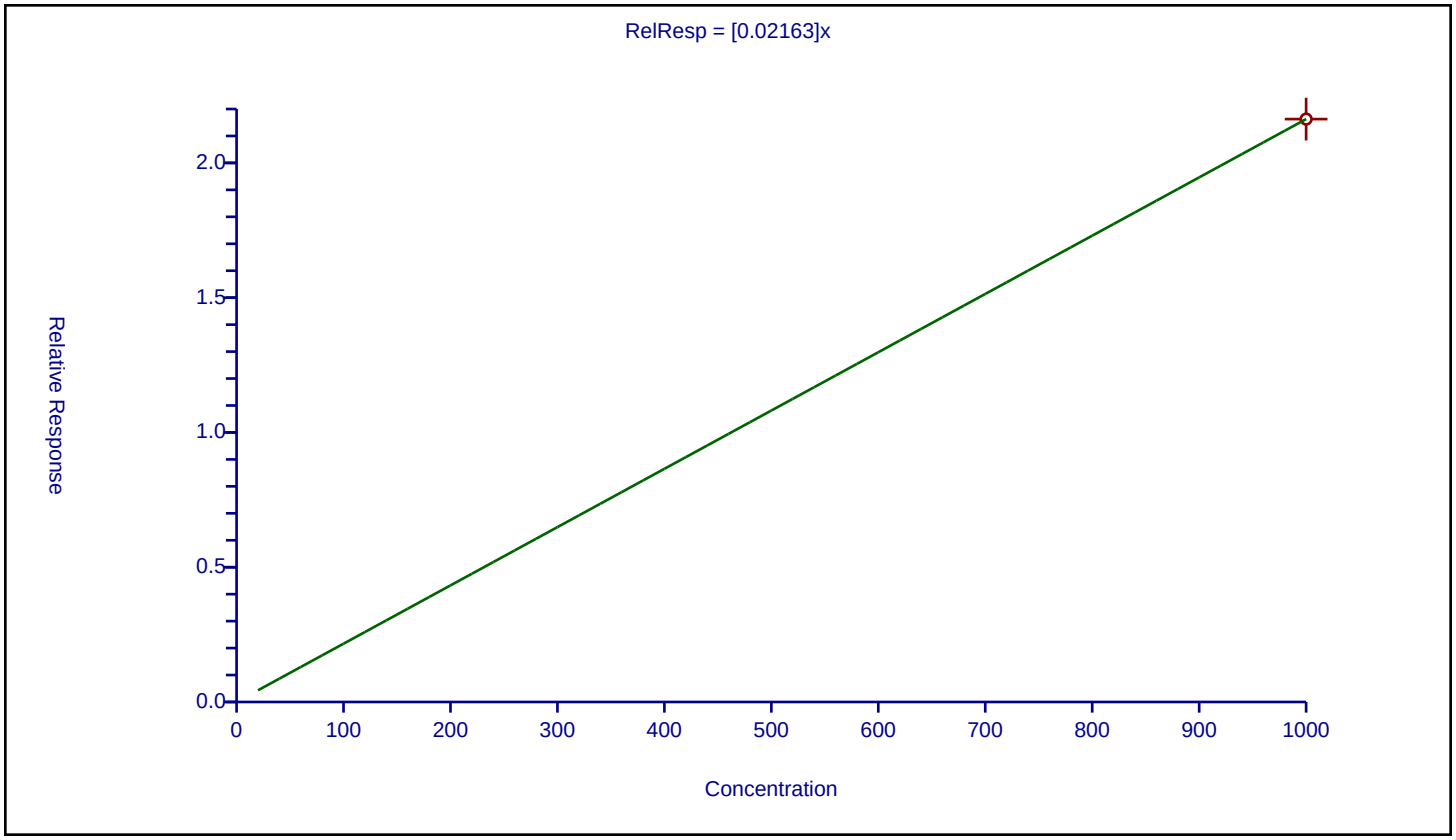
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02163 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 21.625651 | 20.0 | 176907791.0 | 0.021626 | Y |



## Calibration / PCB-1248 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

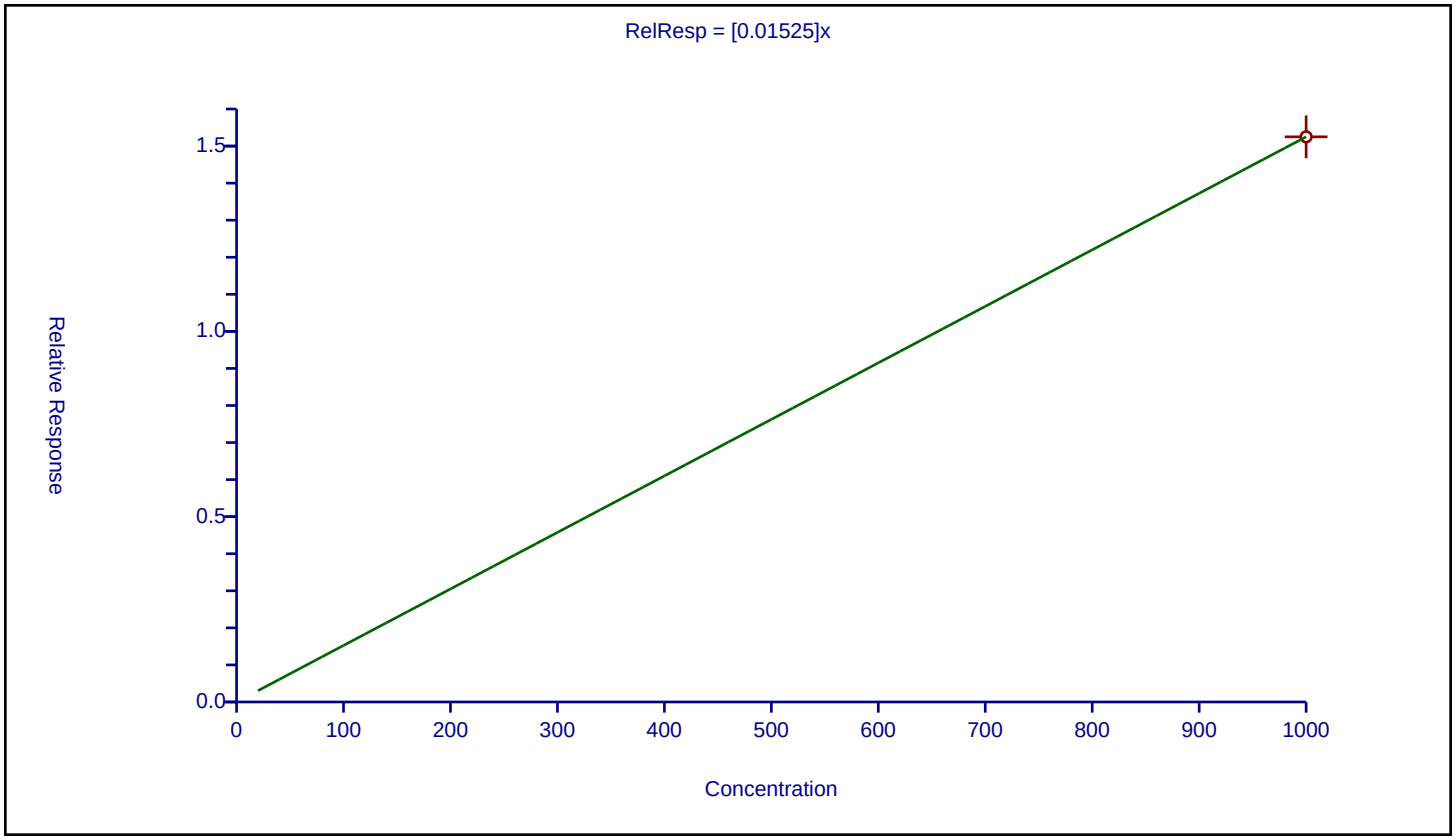
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01525 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/11 | 1000.0 | 15.249735 | 20.0 | 176907791.0 | 0.01525 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:50 Calibration End Date: 10/23/2024 12:50 Calibration ID: 98967

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/12 | 14F0008289.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 0.0112 | | | | | Ave | | 0.0112 | | | | | | 20.0 | | | |
| PCB-1254 Peak 2 | 0.0361 | | | | | Ave | | 0.0361 | | | | | | 20.0 | | | |
| PCB-1254 Peak 3 | 0.0411 | | | | | Ave | | 0.0411 | | | | | | 20.0 | | | |
| PCB-1254 Peak 4 | 0.0319 | | | | | Ave | | 0.0319 | | | | | | 20.0 | | | |
| PCB-1254 Peak 5 | 0.0612 | | | | | Ave | | 0.0612 | | | | | | 20.0 | | | |
| PCB-1254 Peak 6 | 0.0450 | | | | | Ave | | 0.0450 | | | | | | 20.0 | | | |
| PCB-1254 Peak 7 | 0.0383 | | | | | Ave | | 0.0383 | | | | | | 20.0 | | | |
| PCB-1254 Peak 8 | 0.0591 | | | | | Ave | | 0.0591 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:50 | Calibration End Date: 10/23/2024 12:50 | Calibration ID: 98967

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/12 | 14F0008289.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | BNB | Ave | 45290590 | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | BNB | Ave | 146403831 | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | BNB | Ave | 166915157 | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | BNB | Ave | 129540708 | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | BNB | Ave | 248360932 | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | BNB | Ave | 182507273 | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | BNB | Ave | 155656006 | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | BNB | Ave | 239840711 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:50:30 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-012
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:42 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:51:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.294 | 0.000 | 81200607 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 181717669 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 7 PCB-1254 | | | | | | | M |
| 1 | 6.062 | 6.062 | 0.000 | 45290590 | 1000.0 | 1000.0 | M |
| 1 | 6.719 | 6.719 | 0.000 | 146403831 | 1000.0 | 1000.0 | M |
| 1 | 7.038 | 7.038 | 0.000 | 166915157 | 1000.0 | 1000.0 | M |
| 1 | 7.661 | 7.661 | 0.000 | 129540708 | 1000.0 | 1000.0 | M |
| 1 | 7.881 | 7.881 | 0.000 | 248360932 | 1000.0 | 1000.0 | M |
| 1 | 8.329 | 8.329 | 0.000 | 182507273 | 1000.0 | 1000.0 | M |
| 1 | 9.069 | 9.069 | 0.000 | 155656006 | 1000.0 | 1000.0 | M |
| 1 | 9.484 | 9.484 | 0.000 | 239840711 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 4.780 | 4.780 | 0.000 | 96279222 | 1000.0 | 1000.0 | |
| 2 | 5.246 | 5.246 | 0.000 | 272682777 | 1000.0 | 1000.0 | |
| 2 | 5.569 | 5.569 | 0.000 | 406093237 | 1000.0 | 1000.0 | M |
| 2 | 5.924 | 5.924 | 0.000 | 306886920 | 1000.0 | 1000.0 | M |
| 2 | 6.091 | 6.091 | 0.000 | 540745610 | 1000.0 | 1000.0 | M |
| 2 | 6.489 | 6.489 | 0.000 | 411083191 | 1000.0 | 1000.0 | M |
| 2 | 6.782 | 6.782 | 0.000 | 363556984 | 1000.0 | 1000.0 | M |
| 2 | 7.229 | 7.229 | 0.000 | 557026555 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1254L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

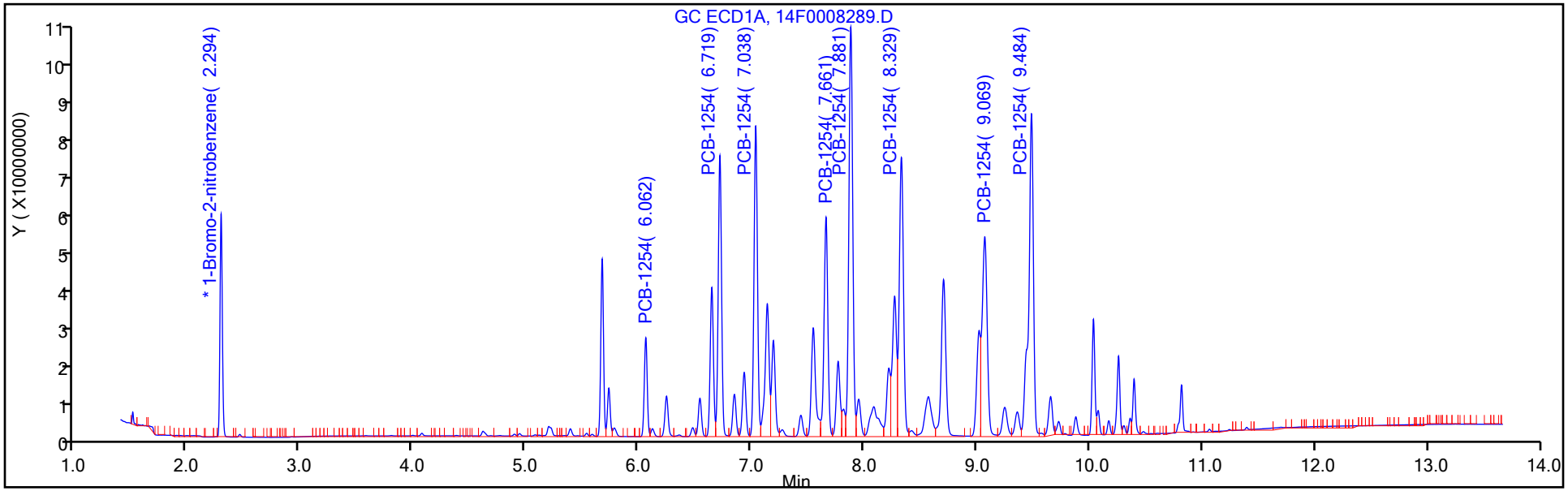
Report Date: 23-Oct-2024 14:02:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

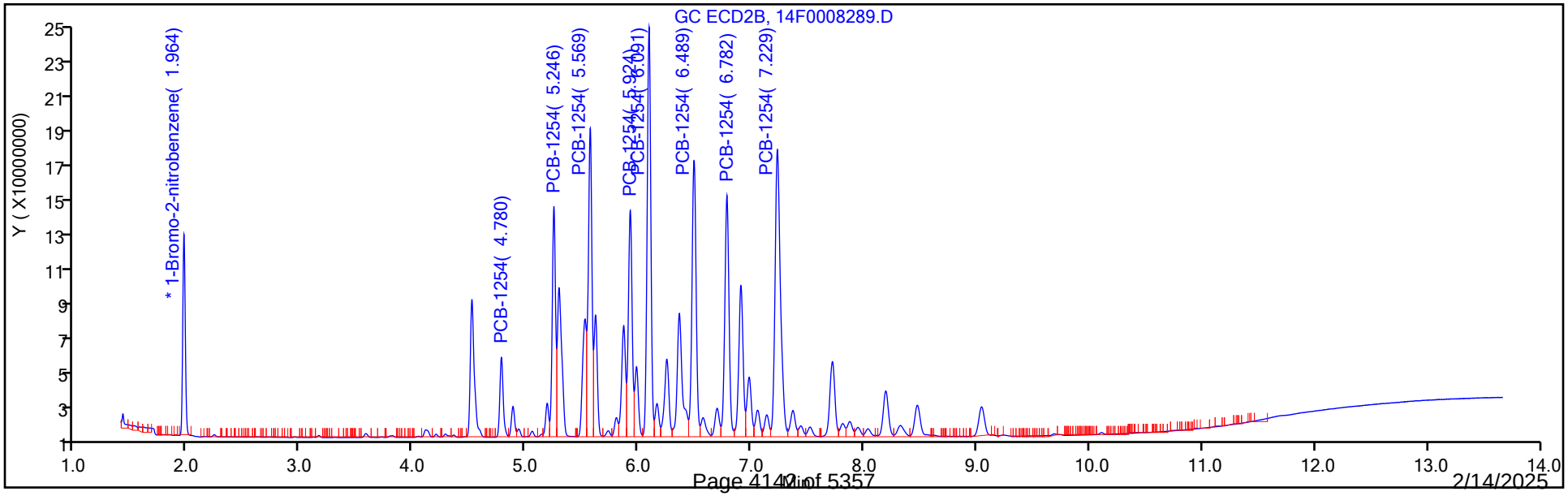
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 12:50:30 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1254 | | | Worklist Smp#: | 12 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





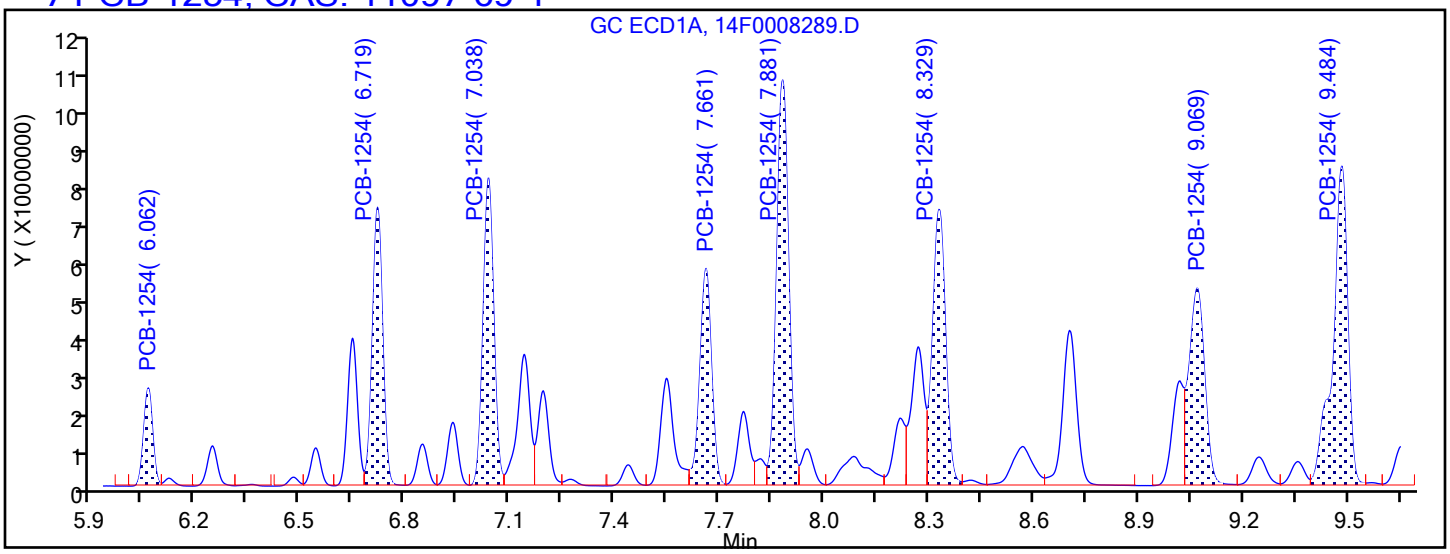

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:02:42 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

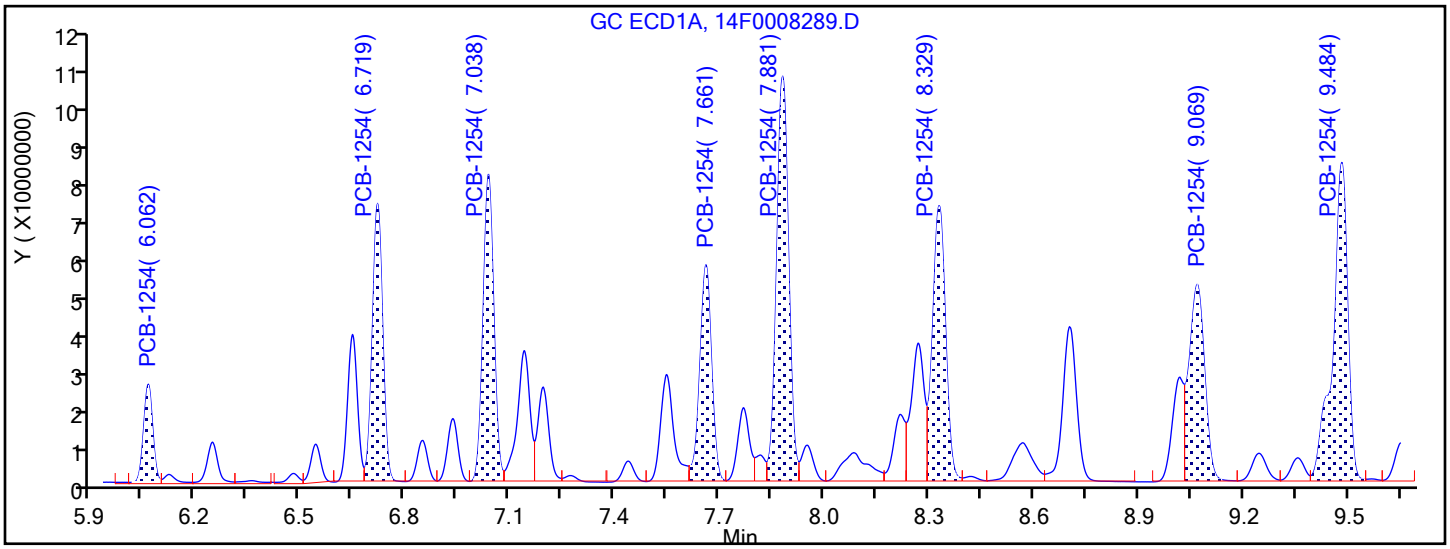
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D
Injection Date: 23-Oct-2024 12:50:30 Instrument ID: CPESTGC14
Lims ID: IC 1254
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 7 PCB-1254, CAS: 11097-69-1




Processing Integration Results

| | |
|---|---|
| 6.062 | Response = 45169457 |
| 6.719 | Response = 145326704 |
| 7.038 | Response = 165804646 |
| 7.661 | Response = 127382993 |
| 7.881 | Response = 246497834 |
| 8.329 | Response = 180655492 |
| 9.069 | Response = 154511267 |
| 9.484 | Response = 237048632 |




Manual Integration Results

| | | |
|---|---|---|
| 6.062 | Response = 45290590 | M |
| 6.719 | Response = 146403831 | M |
| 7.038 | Response = 166915157 | M |
| 7.661 | Response = 129540708 | M |
| 7.881 | Response = 248360932 | M |
| 8.329 | Response = 182507273 | M |

## Calibration / PCB-1254 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

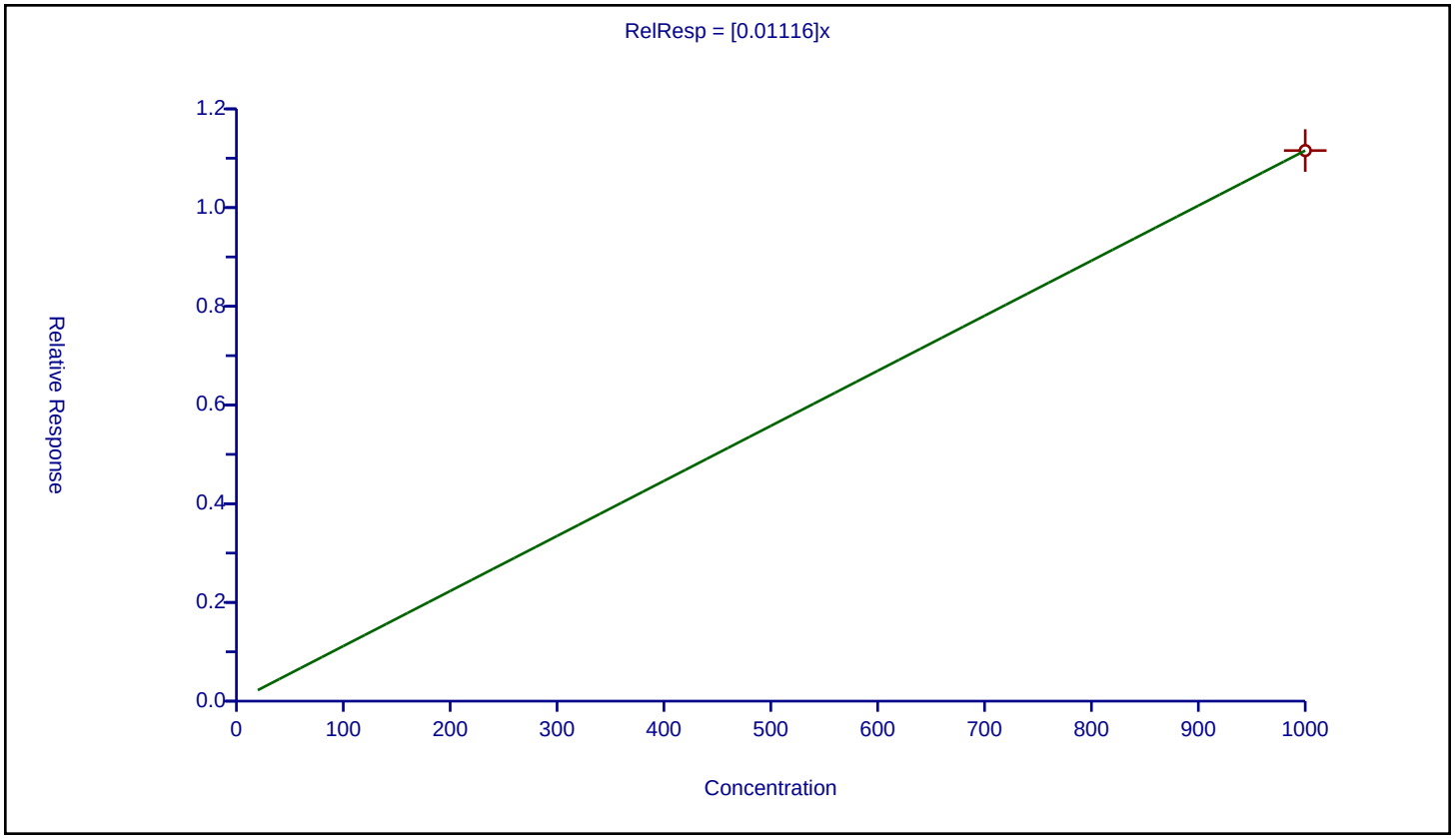
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01116 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 11.155234 | 20.0 | 81200607.0 | 0.011155 | Y |



## Calibration / PCB-1254 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

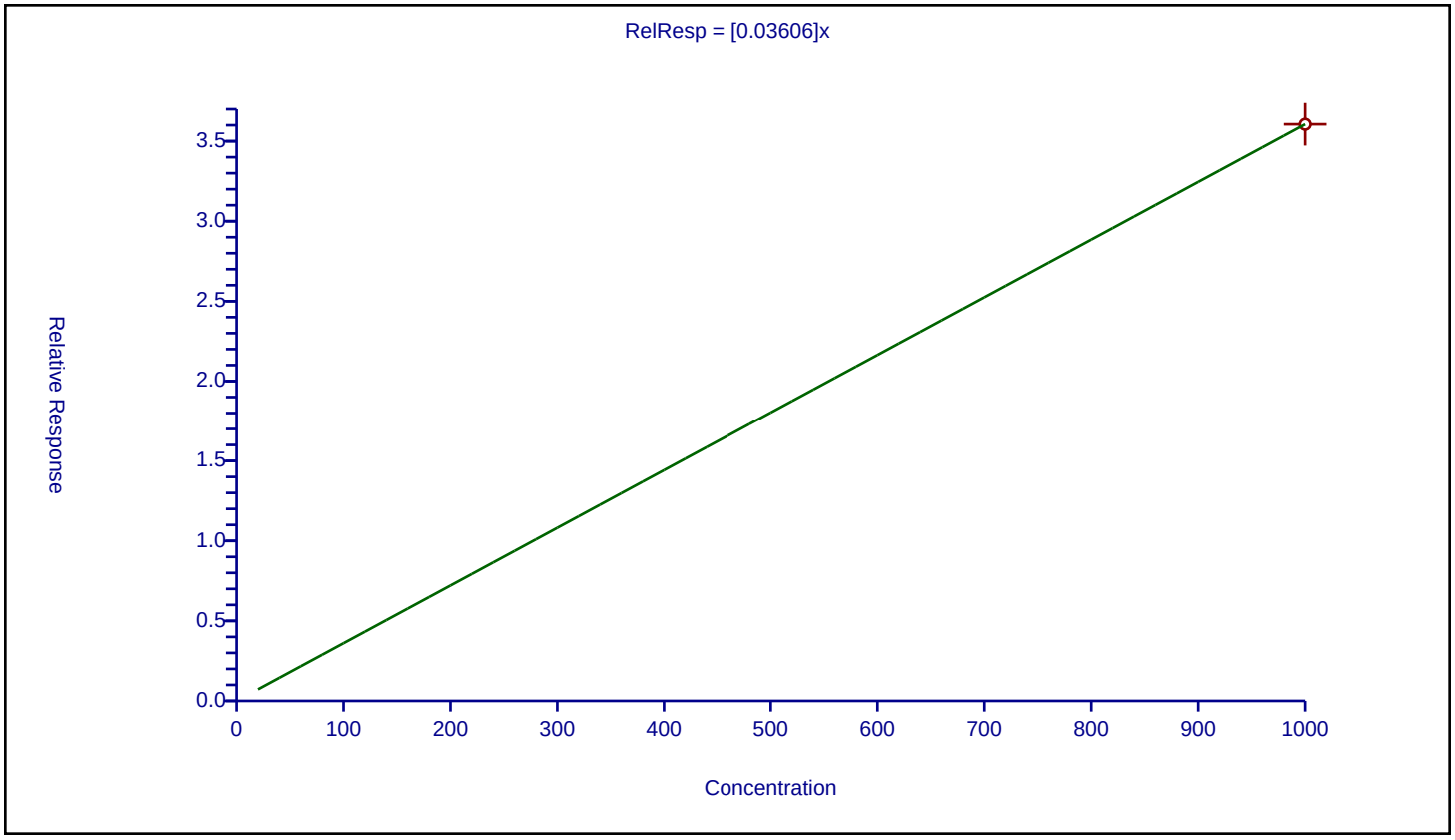
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03606 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 36.059787 | 20.0 | 81200607.0 | 0.03606 | Y |



## Calibration / PCB-1254 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

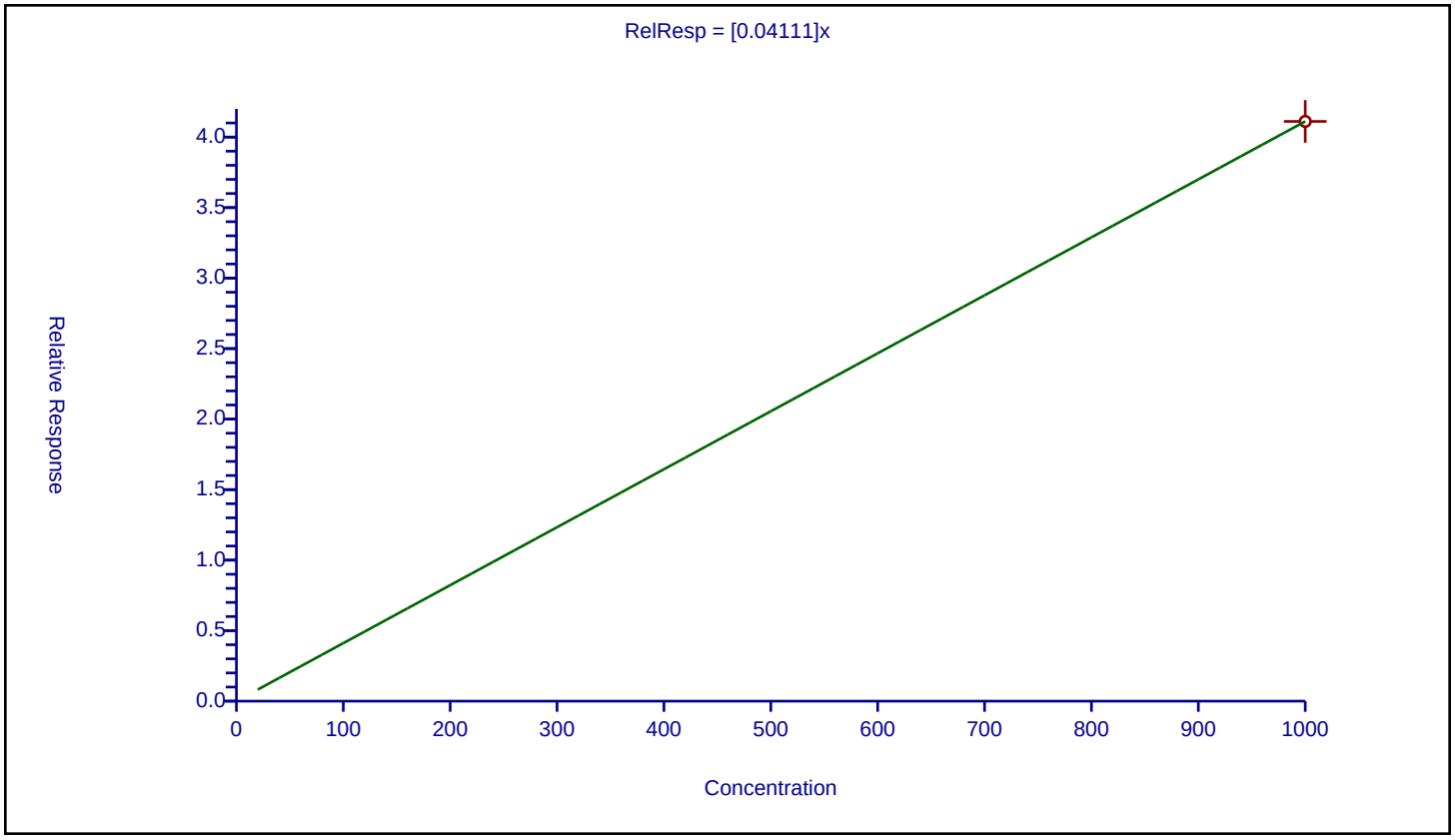
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04111 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 41.1118 | 20.0 | 81200607.0 | 0.041112 | Y |



## Calibration / PCB-1254 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

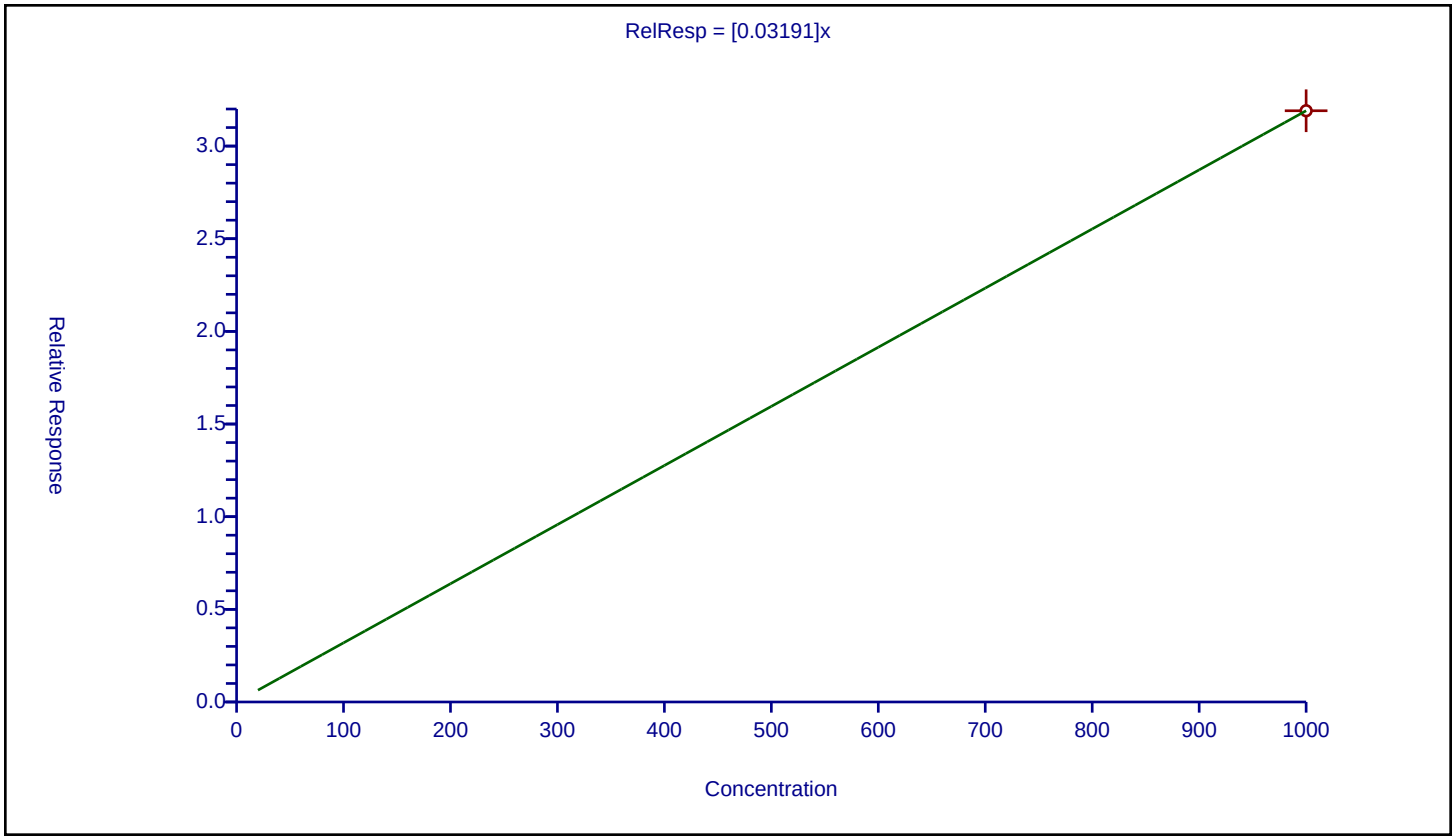
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03191 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 31.90634 | 20.0 | 81200607.0 | 0.031906 | Y |



## Calibration / PCB-1254 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

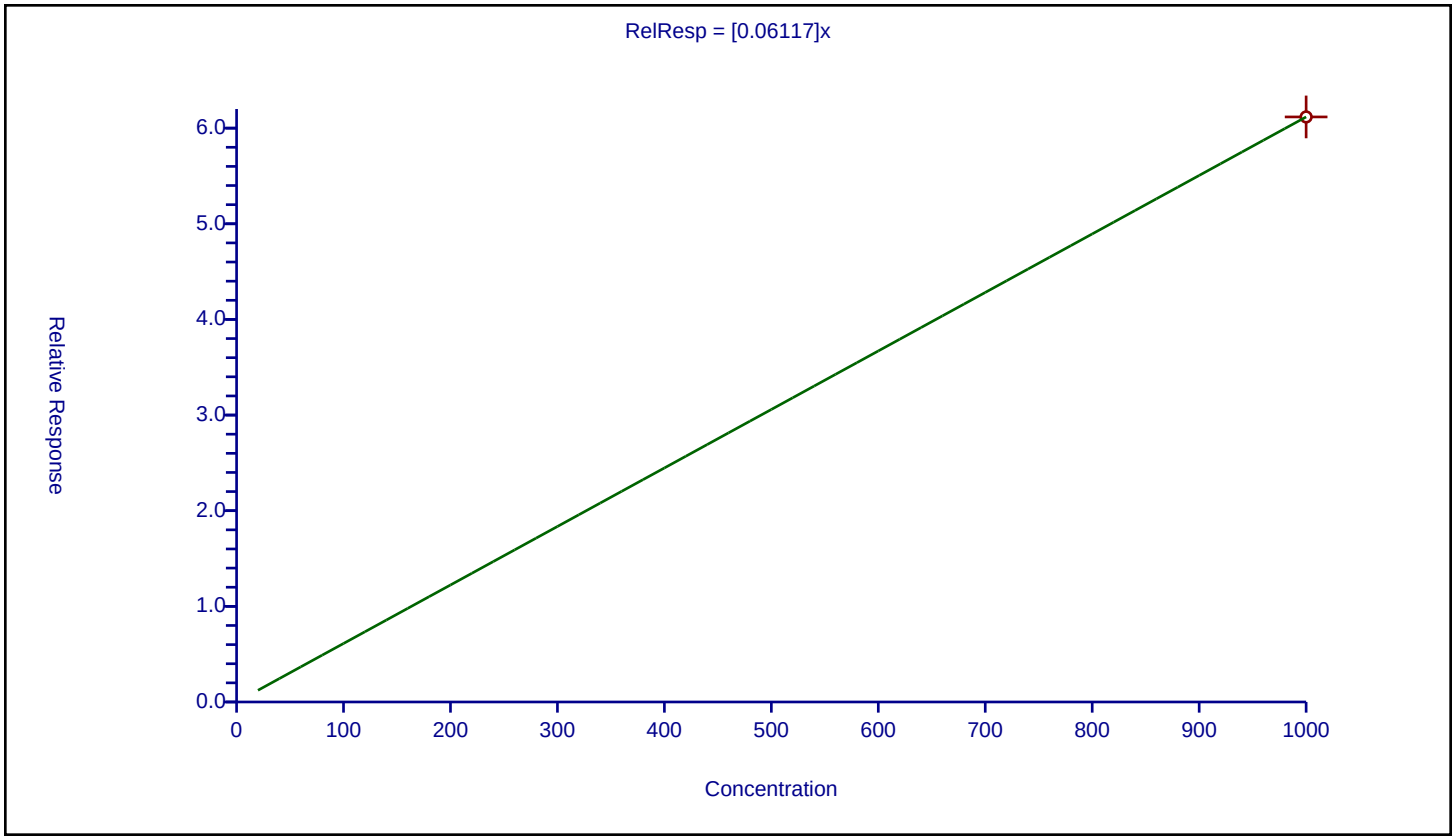
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06117 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 61.172186 | 20.0 | 81200607.0 | 0.061172 | Y |



## Calibration / PCB-1254 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

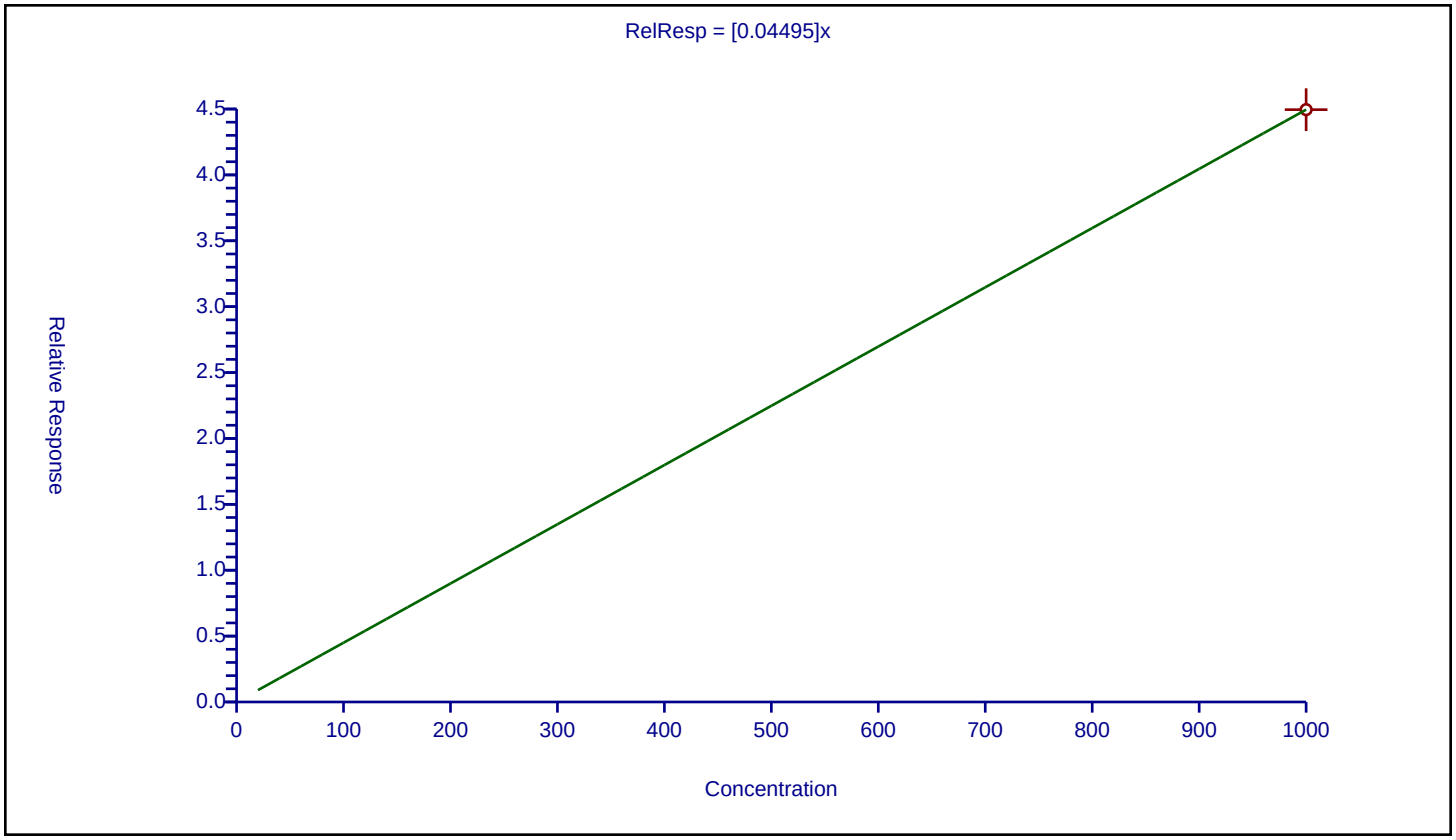
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04495 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 44.952194 | 20.0 | 81200607.0 | 0.044952 | Y |



## Calibration / PCB-1254 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

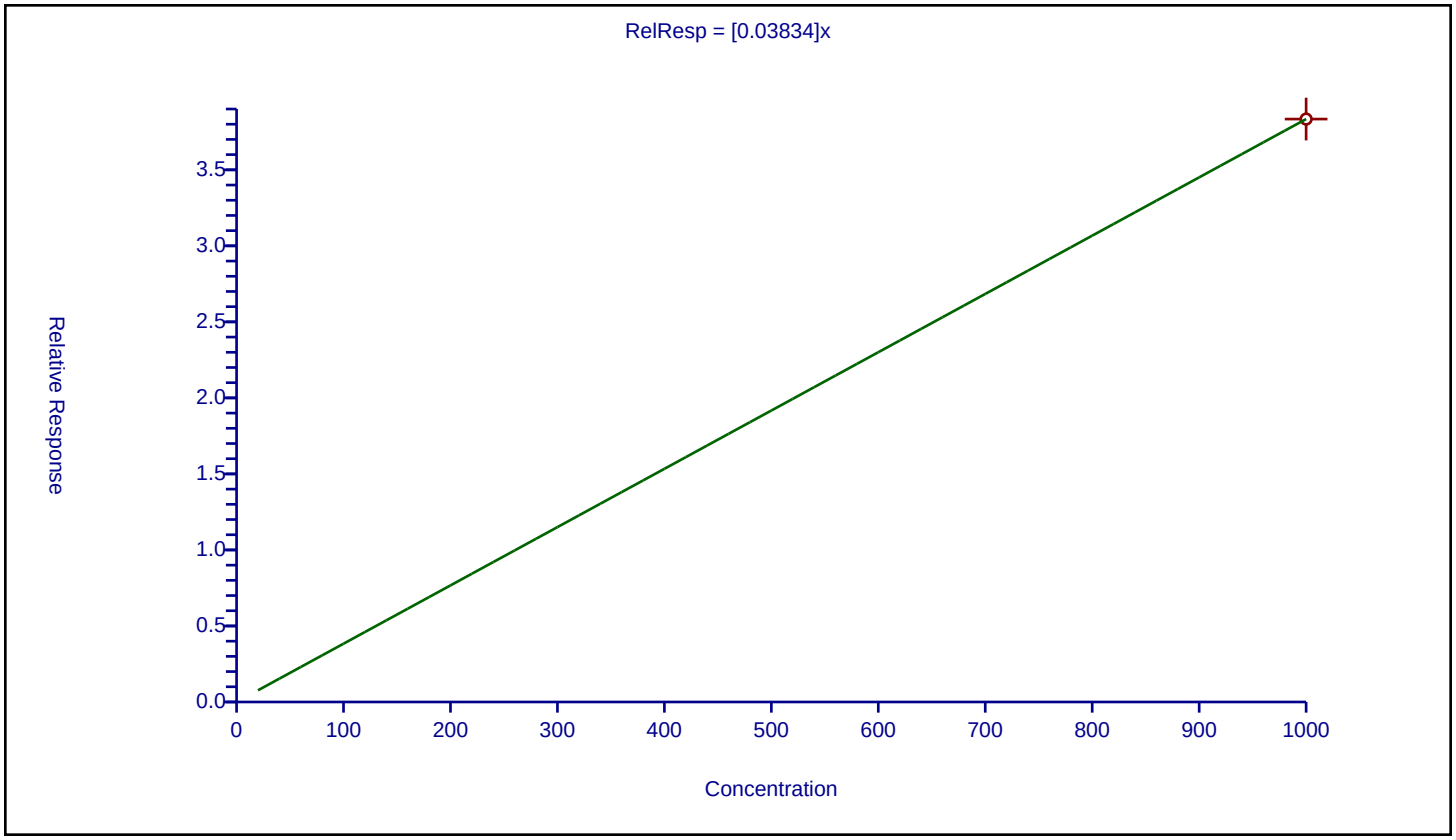
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03834 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 38.338631 | 20.0 | 81200607.0 | 0.038339 | Y |



## Calibration / PCB-1254 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

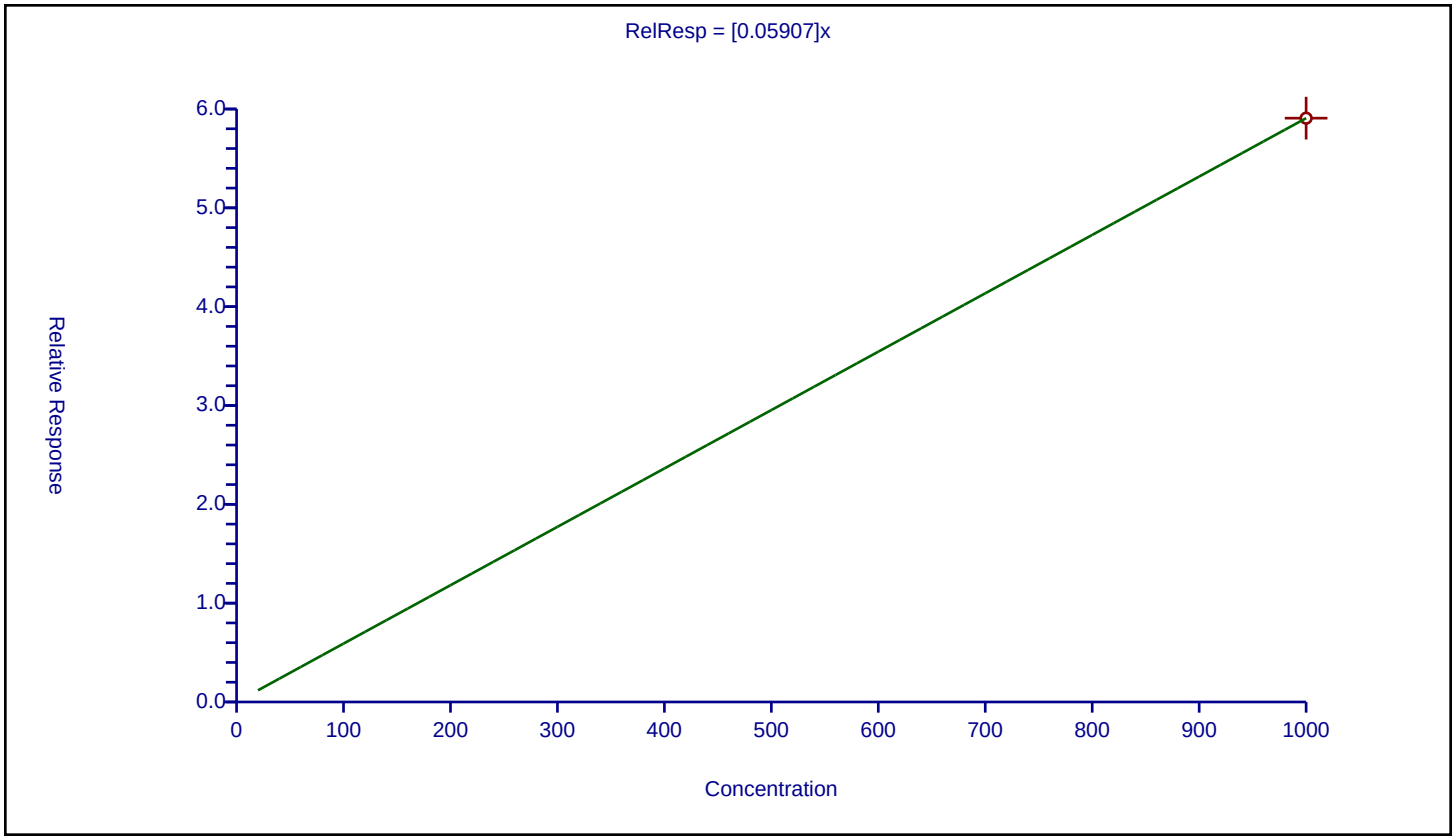
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05907 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 59.073625 | 20.0 | 81200607.0 | 0.059074 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:50 Calibration End Date: 10/23/2024 12:50 Calibration ID: 98968

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/12 | 14F0008289.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 0.0106 | | | | | Ave | | 0.0106 | | | | | | 20.0 | | | |
| PCB-1254 Peak 2 | 0.0300 | | | | | Ave | | 0.0300 | | | | | | 20.0 | | | |
| PCB-1254 Peak 3 | 0.0447 | | | | | Ave | | 0.0447 | | | | | | 20.0 | | | |
| PCB-1254 Peak 4 | 0.0338 | | | | | Ave | | 0.0338 | | | | | | 20.0 | | | |
| PCB-1254 Peak 5 | 0.0595 | | | | | Ave | | 0.0595 | | | | | | 20.0 | | | |
| PCB-1254 Peak 6 | 0.0452 | | | | | Ave | | 0.0452 | | | | | | 20.0 | | | |
| PCB-1254 Peak 7 | 0.0400 | | | | | Ave | | 0.0400 | | | | | | 20.0 | | | |
| PCB-1254 Peak 8 | 0.0613 | | | | | Ave | | 0.0613 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 12:50 | Calibration End Date: 10/23/2024 12:50 | Calibration ID: 98968

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/12 | 14F0008289.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | BNB | Ave | 96279222 | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | BNB | Ave | 272682777 | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | BNB | Ave | 406093237 | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | BNB | Ave | 306886920 | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | BNB | Ave | 540745610 | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | BNB | Ave | 411083191 | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | BNB | Ave | 363556984 | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | BNB | Ave | 557026555 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 12:50:30 ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-012
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:42 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:51:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.294 | 2.294 | 0.000 | 81200607 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.964 | 0.000 | 181717669 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 7 PCB-1254 | | | | | | | M |
| 1 | 6.062 | 6.062 | 0.000 | 45290590 | 1000.0 | 1000.0 | M |
| 1 | 6.719 | 6.719 | 0.000 | 146403831 | 1000.0 | 1000.0 | M |
| 1 | 7.038 | 7.038 | 0.000 | 166915157 | 1000.0 | 1000.0 | M |
| 1 | 7.661 | 7.661 | 0.000 | 129540708 | 1000.0 | 1000.0 | M |
| 1 | 7.881 | 7.881 | 0.000 | 248360932 | 1000.0 | 1000.0 | M |
| 1 | 8.329 | 8.329 | 0.000 | 182507273 | 1000.0 | 1000.0 | M |
| 1 | 9.069 | 9.069 | 0.000 | 155656006 | 1000.0 | 1000.0 | M |
| 1 | 9.484 | 9.484 | 0.000 | 239840711 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 4.780 | 4.780 | 0.000 | 96279222 | 1000.0 | 1000.0 | |
| 2 | 5.246 | 5.246 | 0.000 | 272682777 | 1000.0 | 1000.0 | |
| 2 | 5.569 | 5.569 | 0.000 | 406093237 | 1000.0 | 1000.0 | M |
| 2 | 5.924 | 5.924 | 0.000 | 306886920 | 1000.0 | 1000.0 | M |
| 2 | 6.091 | 6.091 | 0.000 | 540745610 | 1000.0 | 1000.0 | M |
| 2 | 6.489 | 6.489 | 0.000 | 411083191 | 1000.0 | 1000.0 | M |
| 2 | 6.782 | 6.782 | 0.000 | 363556984 | 1000.0 | 1000.0 | M |
| 2 | 7.229 | 7.229 | 0.000 | 557026555 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1254L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

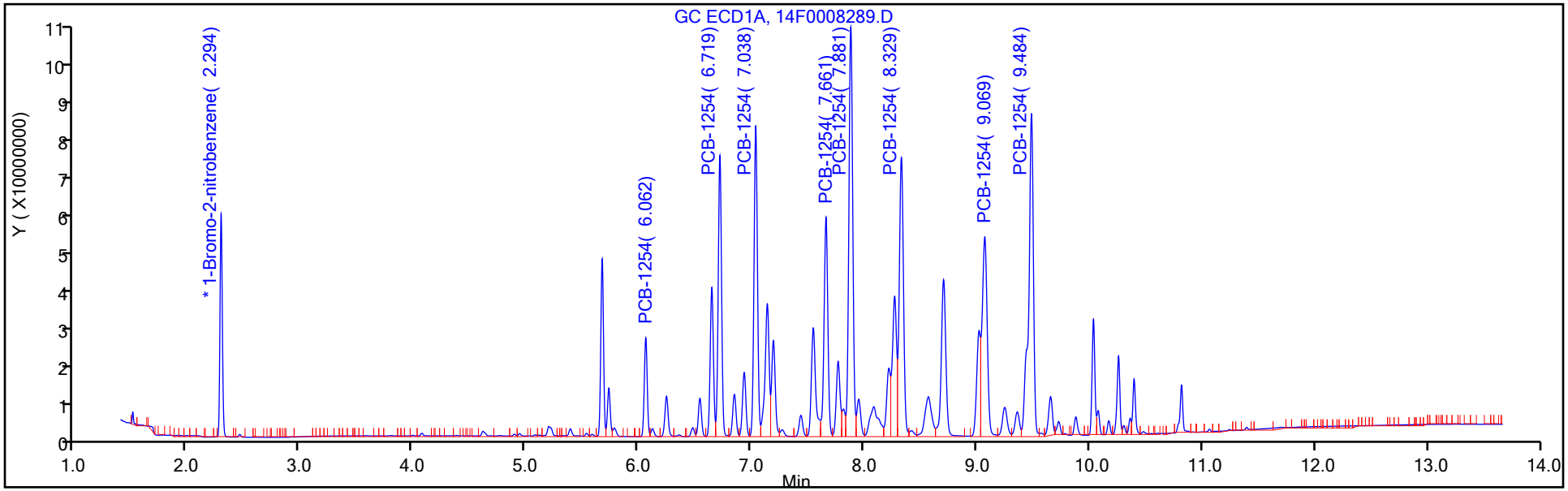
Report Date: 23-Oct-2024 14:02:43 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

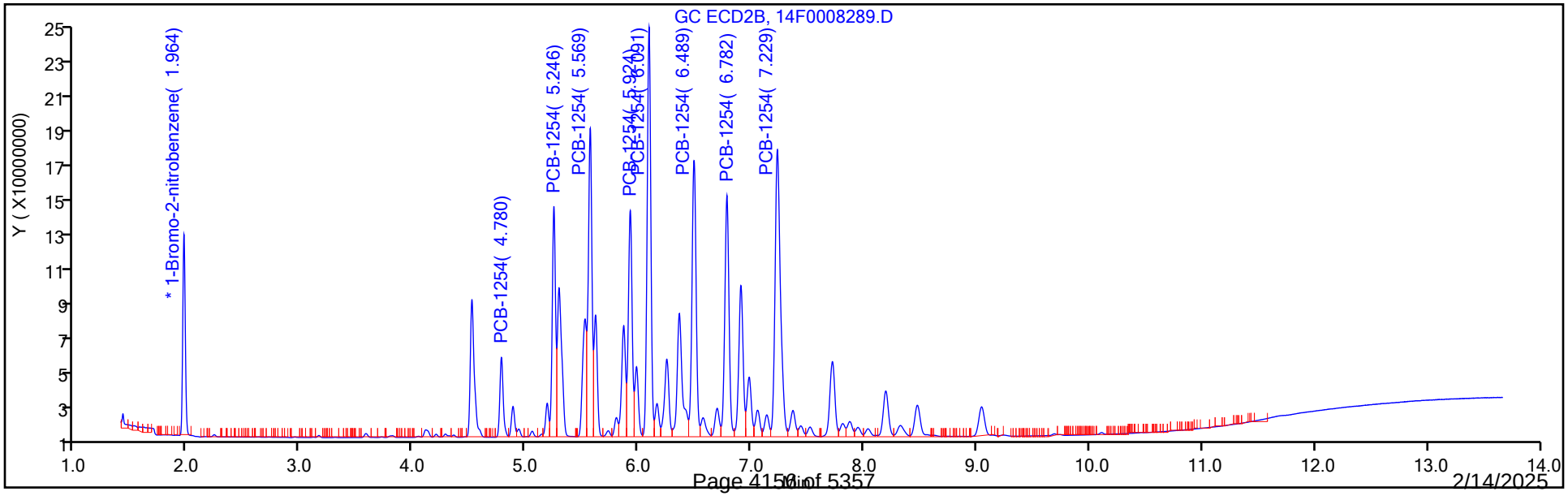
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 12:50:30 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1254 | | | Worklist Smp#: | 12 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 15 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

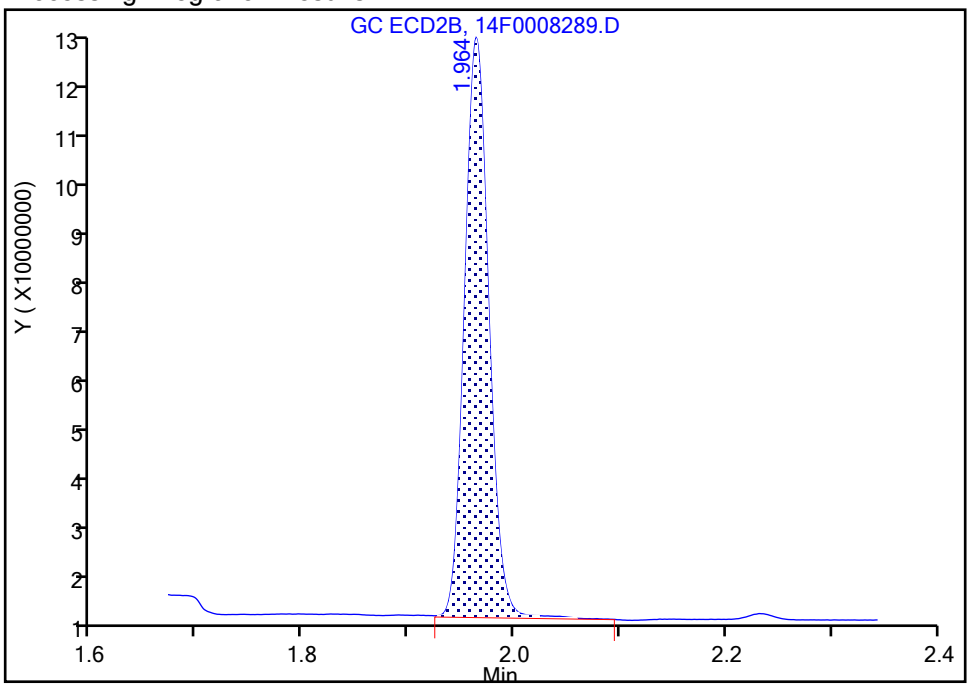
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D
Injection Date: 23-Oct-2024 12:50:30 Instrument ID: CPESTGC14
Lims ID: IC 1254
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

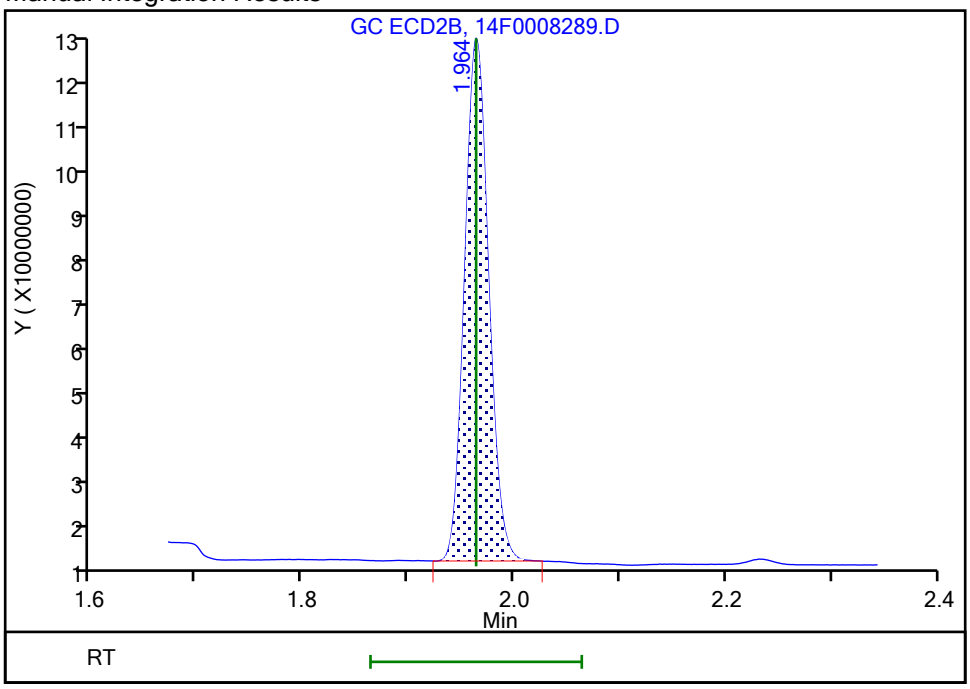
Processing Integration Results

RT: 1.96
Area: 183613807
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.96
Area: 181717669
Amount: 20.000000
Amount Units: ug/l



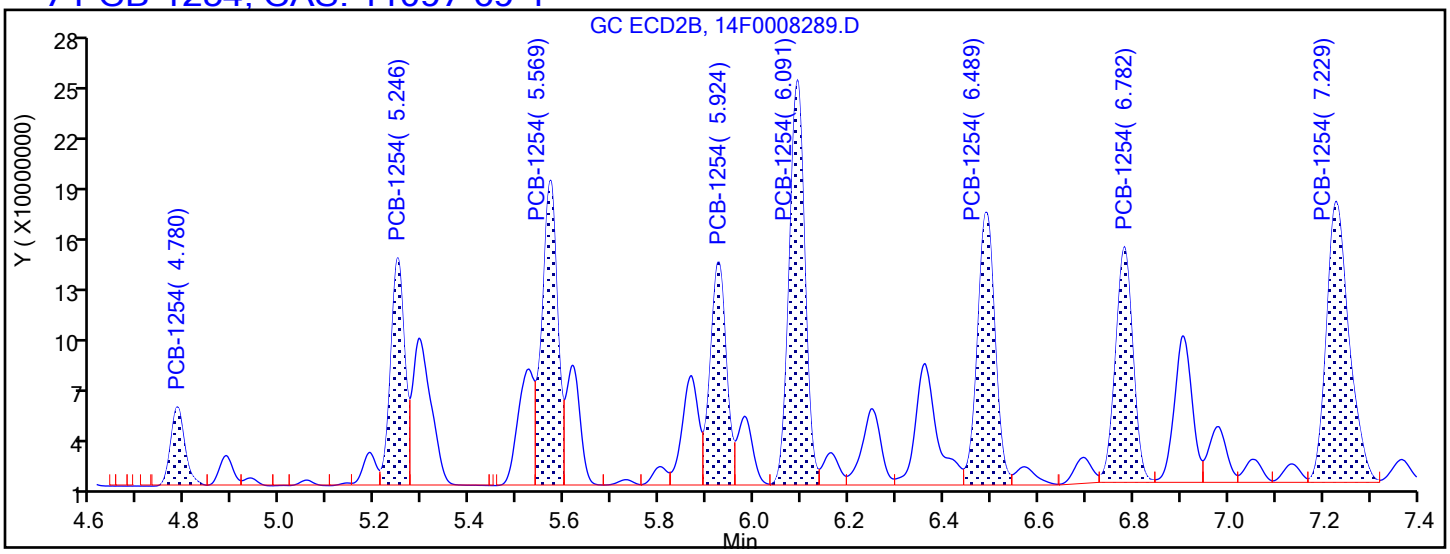

Reviewer: OR9X, 23-Oct-2024 13:57:53 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:43 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

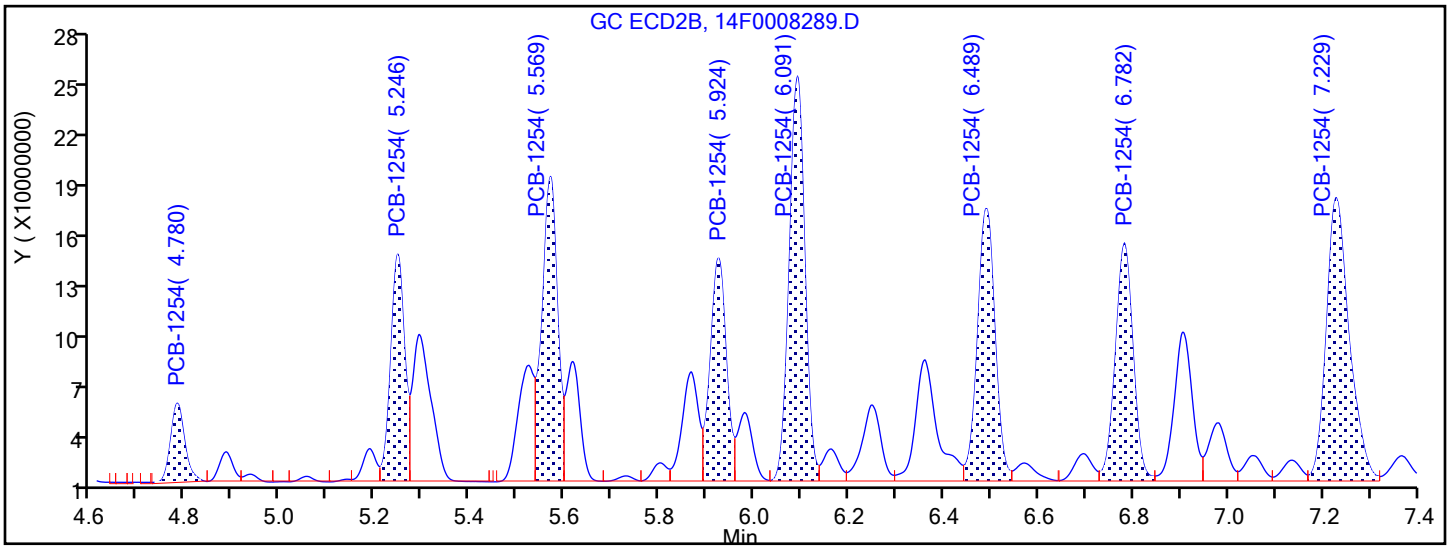
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008289.D
Injection Date: 23-Oct-2024 12:50:30 Instrument ID: CPESTGC14
Lims ID: IC 1254
Client ID:
Operator ID: ALS Bottle#: 15 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 7 PCB-1254, CAS: 11097-69-1




Processing Integration Results

| | |
|---|---|
| 4.780 | Response = 96279222 |
| 5.246 | Response = 272682777 |
| 5.569 | Response = 404803768 |
| 5.924 | Response = 304491608 |
| 6.091 | Response = 536737341 |
| 6.489 | Response = 406745774 |
| 6.782 | Response = 350048423 |
| 7.229 | Response = 536705782 |




Manual Integration Results

| | | |
|---|---|---|
| 4.780 | Response = 96279222 | |
| 5.246 | Response = 272682777 | |
| 5.569 | Response = 406093237 | M |
| 5.924 | Response = 306886920 | M |
| 6.091 | Response = 540745610 | M |
| 6.489 | Response = 411083191 | M |

## Calibration / PCB-1254 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

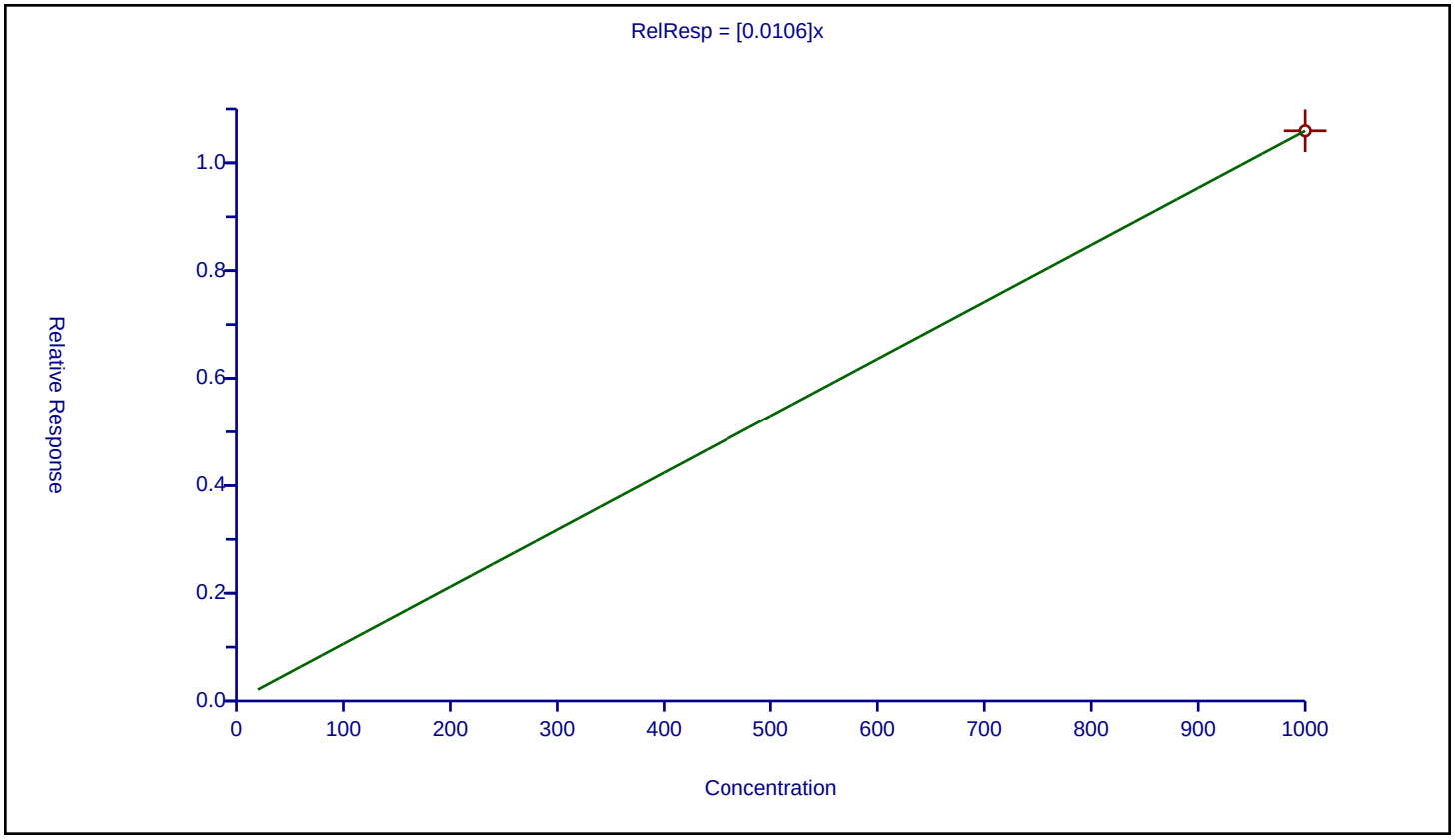
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0106 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 10.596572 | 20.0 | 181717669.0 | 0.010597 | Y |



## Calibration / PCB-1254 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

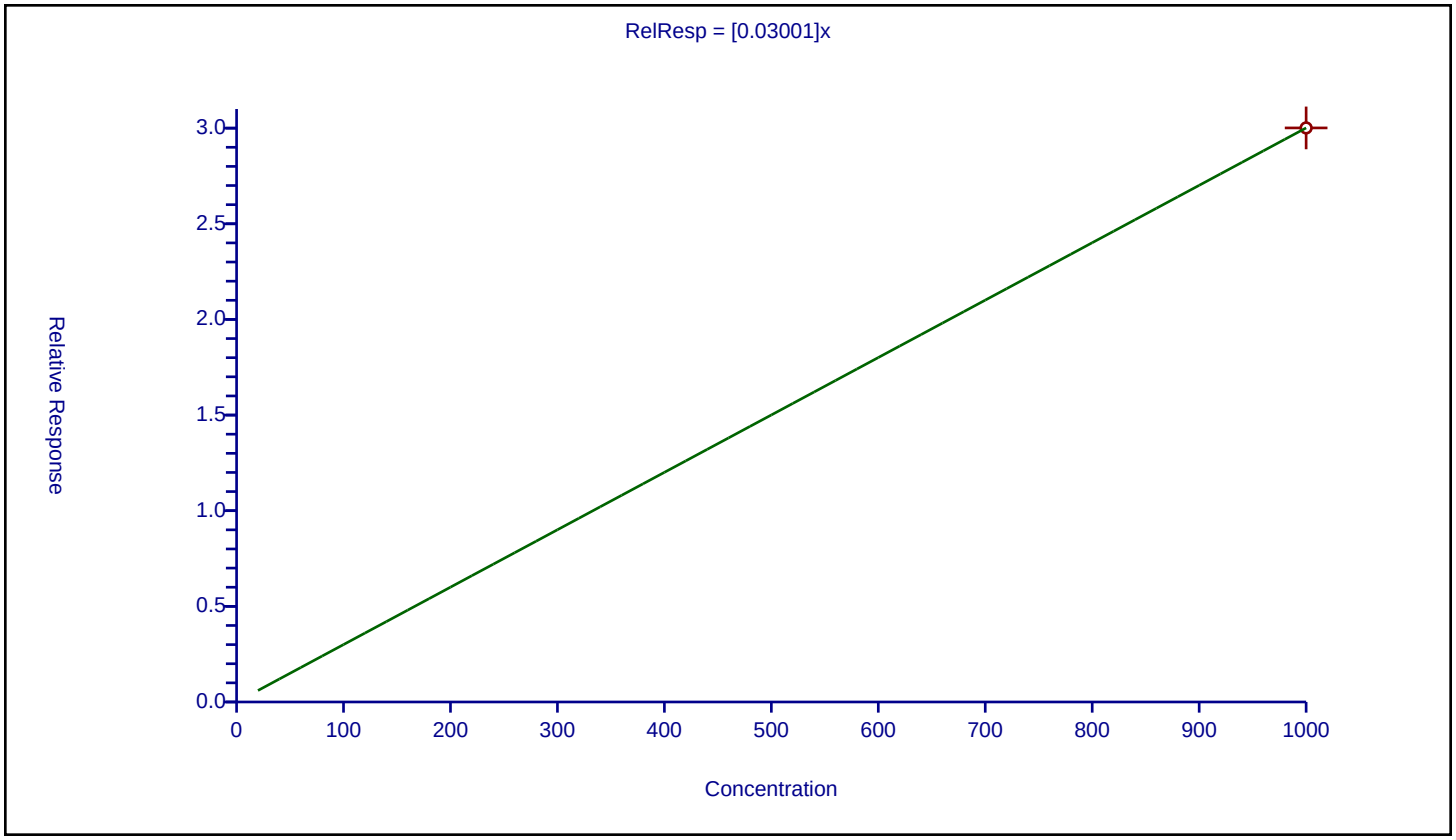
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 30.011697 | 20.0 | 181717669.0 | 0.030012 | Y |



## Calibration / PCB-1254 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

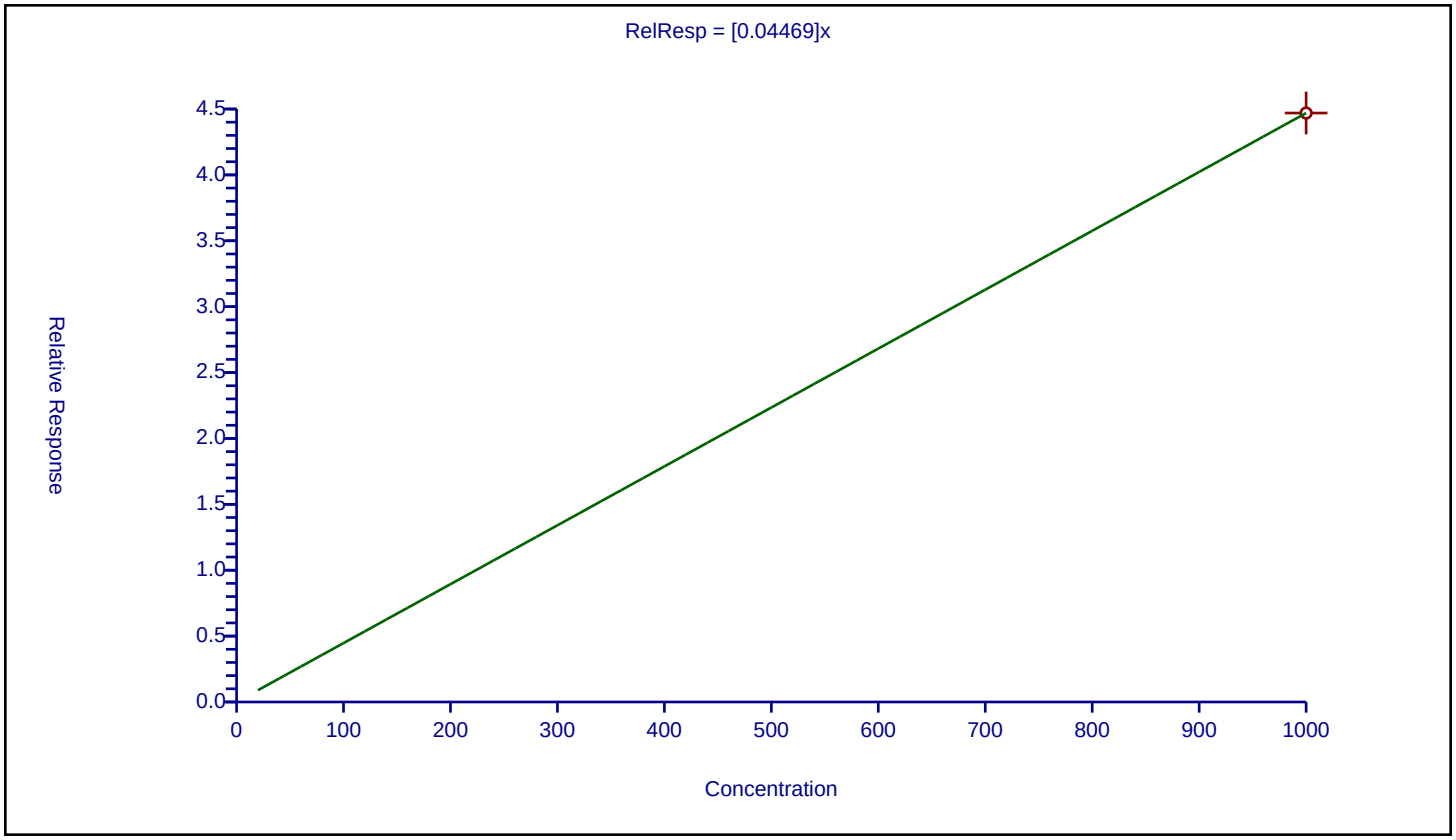
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04469 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 44.694964 | 20.0 | 181717669.0 | 0.044695 | Y |



## Calibration / PCB-1254 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

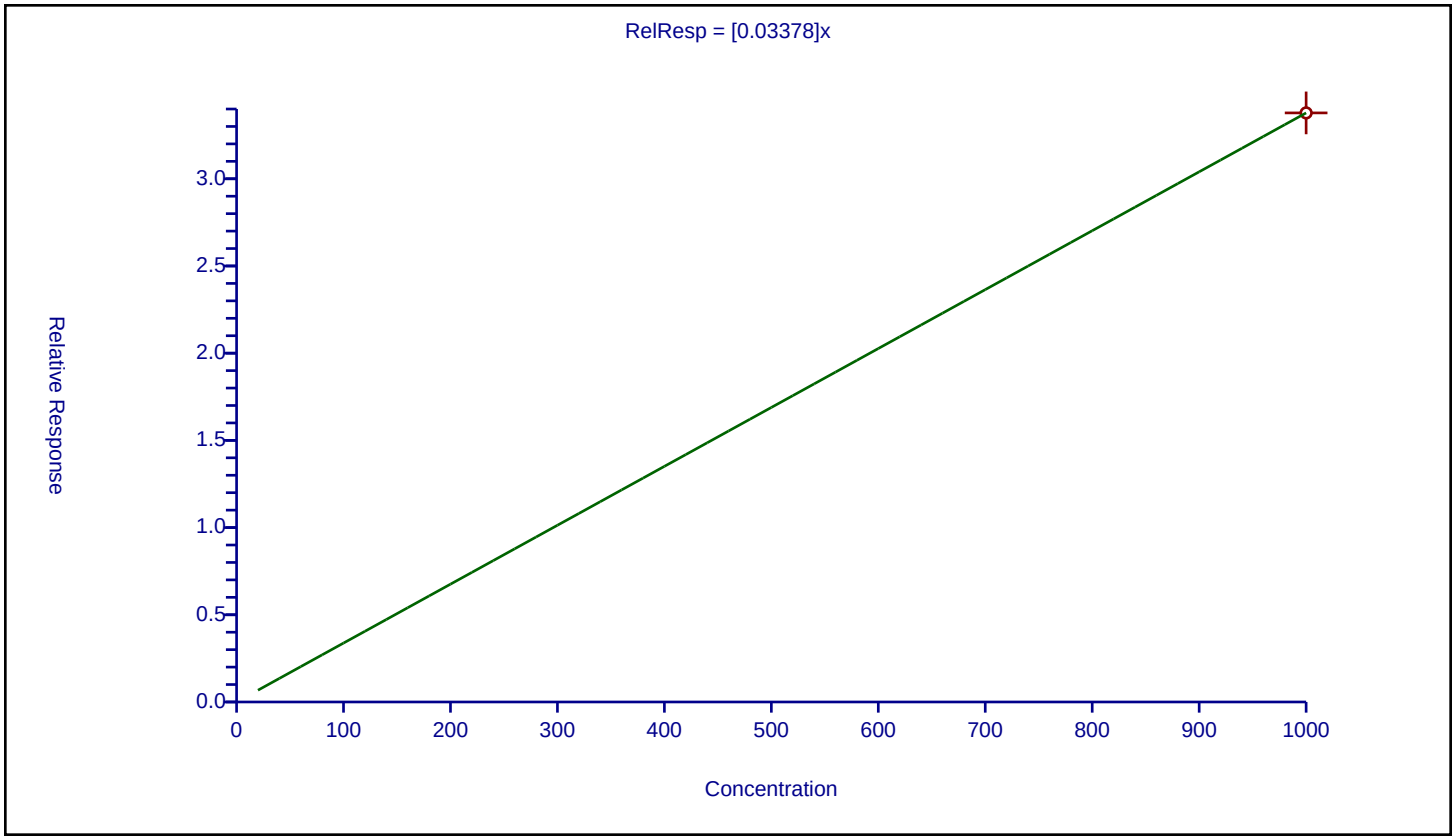
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03378 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 33.776233 | 20.0 | 181717669.0 | 0.033776 | Y |



## Calibration / PCB-1254 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

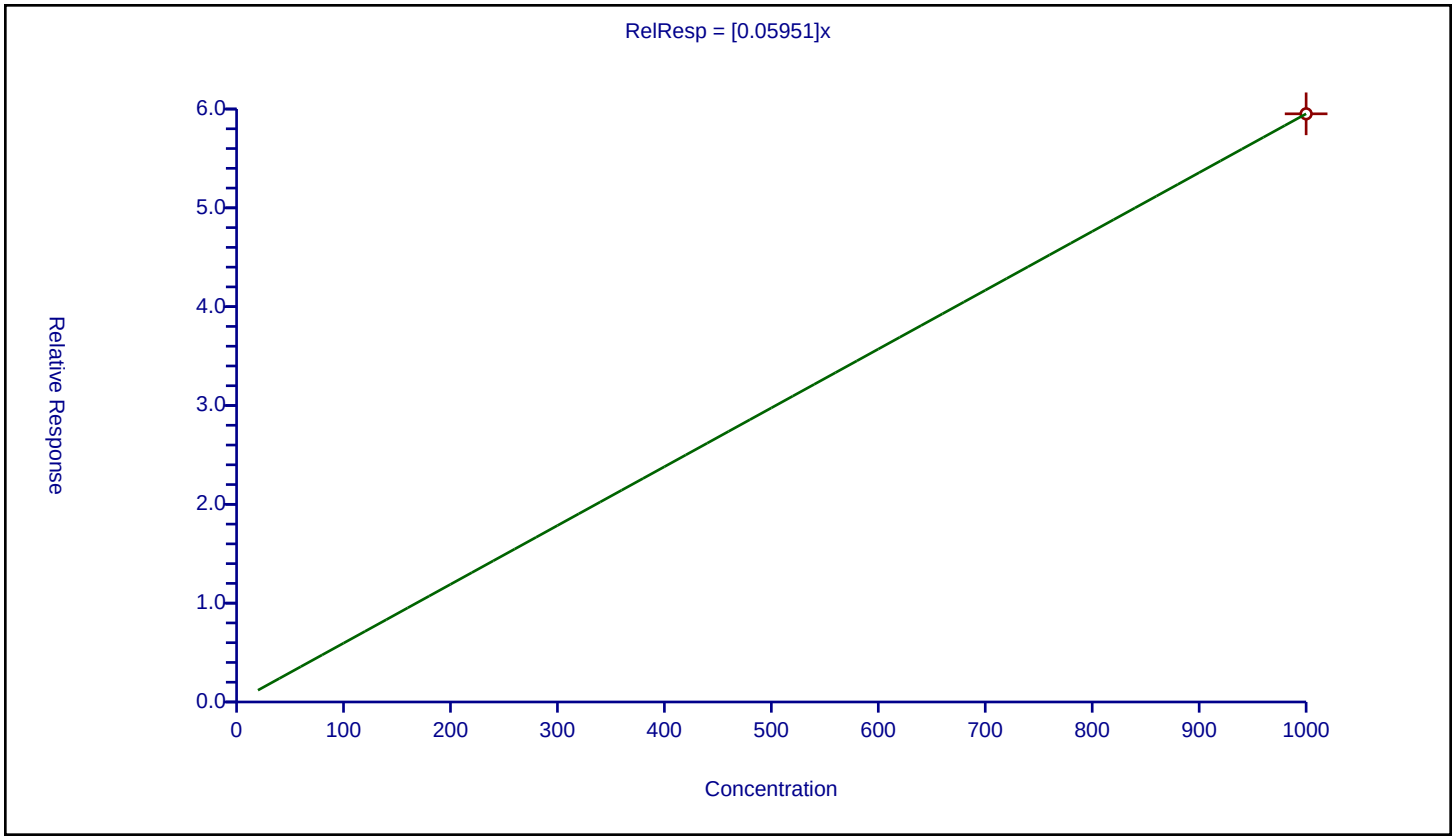
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05951 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 59.514918 | 20.0 | 181717669.0 | 0.059515 | Y |



## Calibration / PCB-1254 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

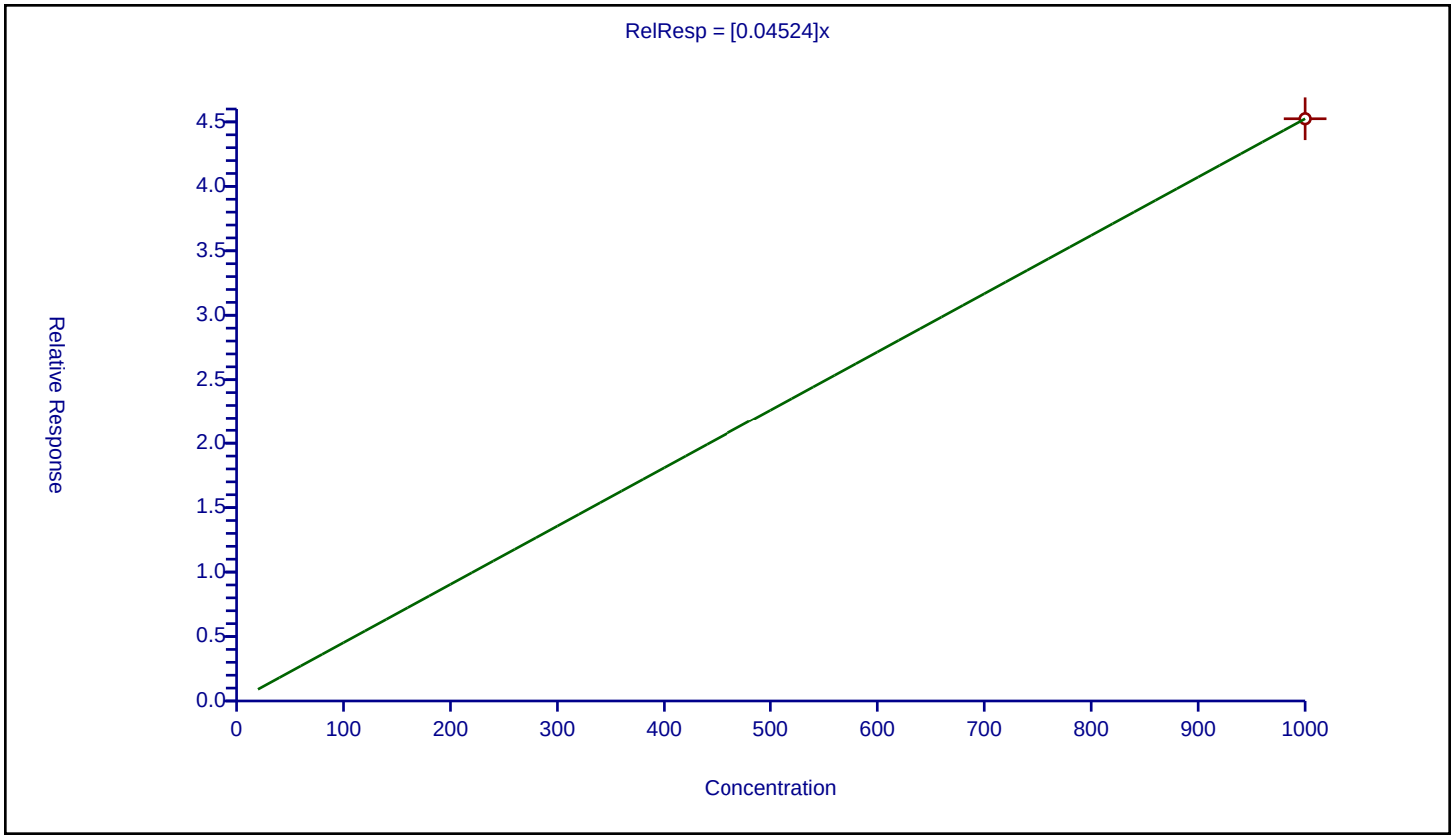
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04524 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 45.244163 | 20.0 | 181717669.0 | 0.045244 | Y |



## Calibration / PCB-1254 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

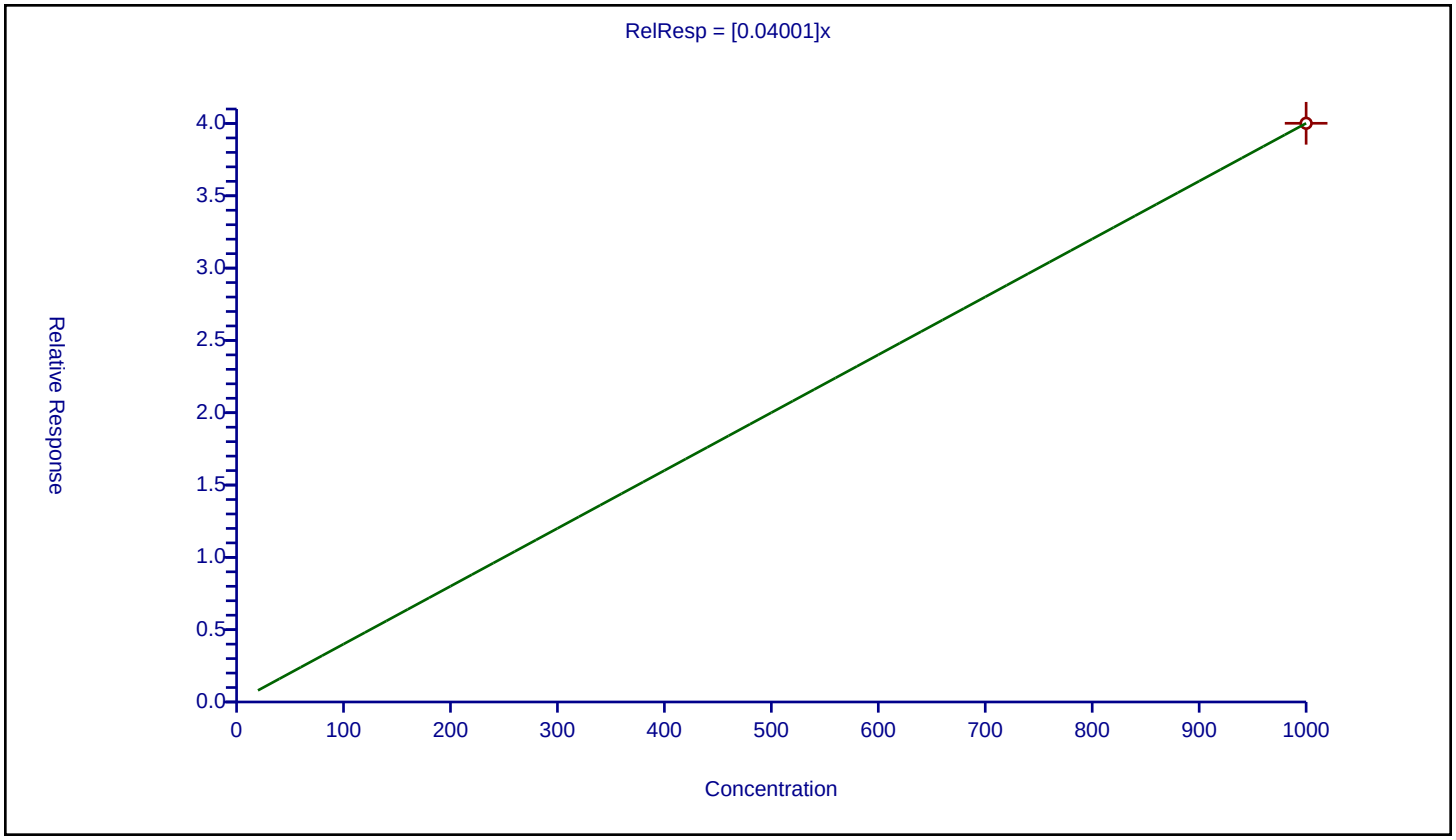
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 40.013388 | 20.0 | 181717669.0 | 0.040013 | Y |



## Calibration / PCB-1254 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

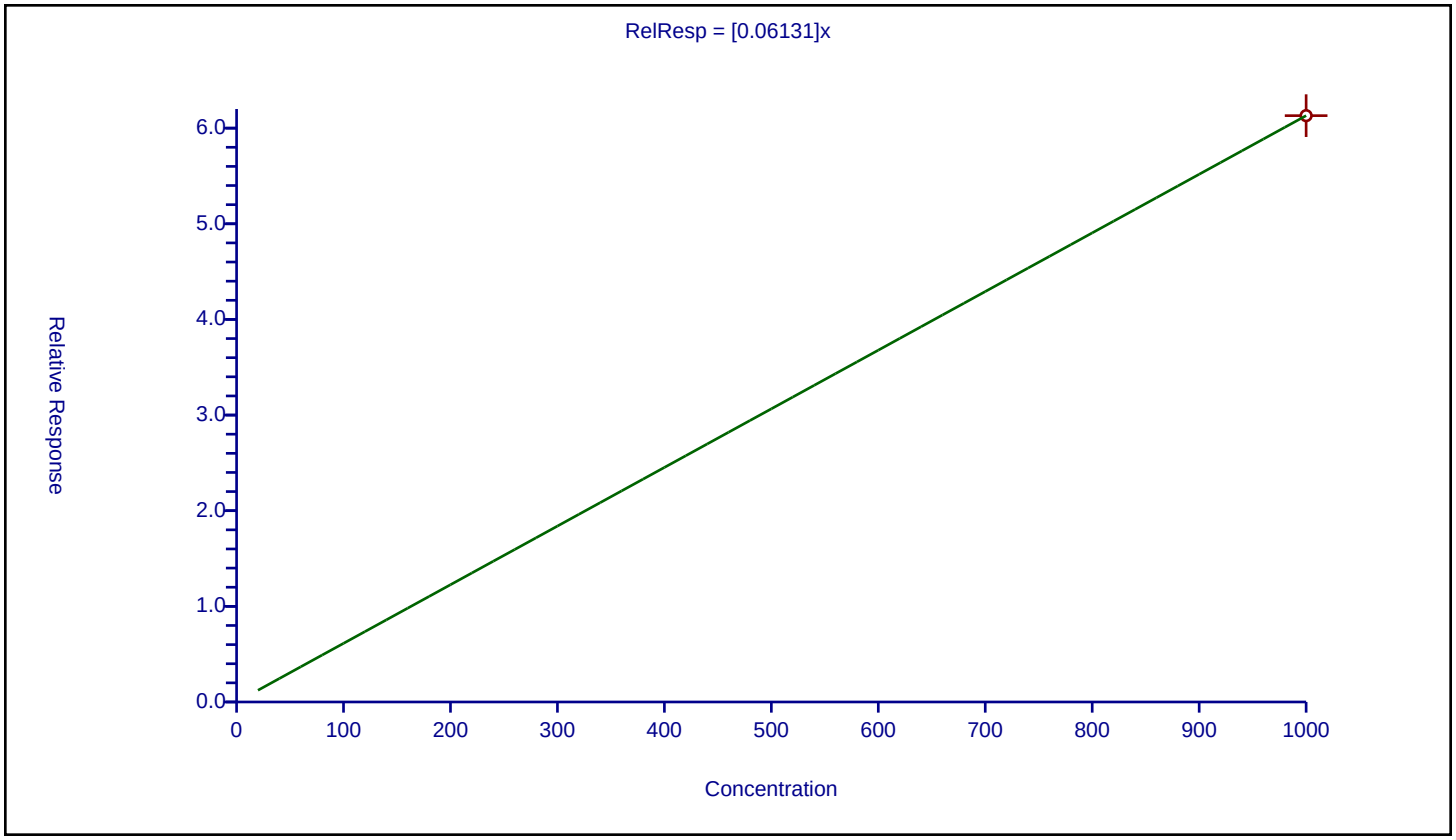
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06131 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/12 | 1000.0 | 61.306813 | 20.0 | 181717669.0 | 0.061307 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:07 Calibration End Date: 10/23/2024 13:07 Calibration ID: 98973

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/13 | 14F0008290.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1262 Peak 1 | 0.0507 | | | | | Ave | | 0.0507 | | | | | | 20.0 | | | |
| PCB-1262 Peak 2 | 0.0588 | | | | | Ave | | 0.0588 | | | | | | 20.0 | | | |
| PCB-1262 Peak 3 | 0.0745 | | | | | Ave | | 0.0745 | | | | | | 20.0 | | | |
| PCB-1262 Peak 4 | 0.0647 | | | | | Ave | | 0.0647 | | | | | | 20.0 | | | |
| PCB-1262 Peak 5 | 0.1273 | | | | | Ave | | 0.1273 | | | | | | 20.0 | | | |
| PCB-1262 Peak 6 | 0.0173 | | | | | Ave | | 0.0173 | | | | | | 20.0 | | | |
| PCB-1262 Peak 7 | 0.0421 | | | | | Ave | | 0.0421 | | | | | | 20.0 | | | |
| PCB-1262 Peak 8 | 0.0136 | | | | | Ave | | 0.0136 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison  Job No.: 460-319954-1  Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14  GC Column: Rtx-CLP  ID: 0.53(mm)  Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:07  Calibration End Date: 10/23/2024 13:07  Calibration ID: 98973

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/13 | 14F0008290.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1262 Peak 1 | BNB | Ave | 196822626 | | | | | 1000 | | | | |
| PCB-1262 Peak 2 | BNB | Ave | 227940258 | | | | | 1000 | | | | |
| PCB-1262 Peak 3 | BNB | Ave | 289012710 | | | | | 1000 | | | | |
| PCB-1262 Peak 4 | BNB | Ave | 251110864 | | | | | 1000 | | | | |
| PCB-1262 Peak 5 | BNB | Ave | 493923883 | | | | | 1000 | | | | |
| PCB-1262 Peak 6 | BNB | Ave | 67164230 | | | | | 1000 | | | | |
| PCB-1262 Peak 7 | BNB | Ave | 163241773 | | | | | 1000 | | | | |
| PCB-1262 Peak 8 | BNB | Ave | 52828718 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 13:07:06 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-013
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:49 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:51:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 77584763 | 20.0 | 20.0 | M |
| 2 | 1.965 | 1.965 | 0.000 | 171502457 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 9 PCB-1262 | | | | | | | M |
| 1 | 8.268 | 8.268 | 0.000 | 196822626 | 1000.0 | 1000.0 | |
| 1 | 8.704 | 8.704 | 0.000 | 227940258 | 1000.0 | 1000.0 | |
| 1 | 9.640 | 9.640 | 0.000 | 289012710 | 1000.0 | 1000.0 | M |
| 1 | 10.072 | 10.072 | 0.000 | 251110864 | 1000.0 | 1000.0 | M |
| 1 | 10.388 | 10.388 | 0.000 | 493923883 | 1000.0 | 1000.0 | M |
| 1 | 11.224 | 11.224 | 0.000 | 67164230 | 1000.0 | 1000.0 | |
| 1 | 11.375 | 11.375 | 0.000 | 163241773 | 1000.0 | 1000.0 | |
| 1 | 11.678 | 11.678 | 0.000 | 52828718 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 6.360 | 6.360 | 0.000 | 401828246 | 1000.0 | 1000.0 | |
| 2 | 7.873 | 7.873 | 0.000 | 491708266 | 1000.0 | 1000.0 | |
| 2 | 8.471 | 8.471 | 0.000 | 1456477014 | 1000.0 | 1000.0 | |
| 2 | 9.040 | 9.040 | 0.000 | 478161521 | 1000.0 | 1000.0 | M |
| 2 | 9.238 | 9.238 | 0.000 | 494206447 | 1000.0 | 1000.0 | M |
| 2 | 9.735 | 9.735 | 0.000 | 199188098 | 1000.0 | 1000.0 | M |
| 2 | 10.101 | 10.101 | 0.000 | 418185636 | 1000.0 | 1000.0 | M |
| 2 | 10.450 | 10.450 | 0.000 | 142574793 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1262L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

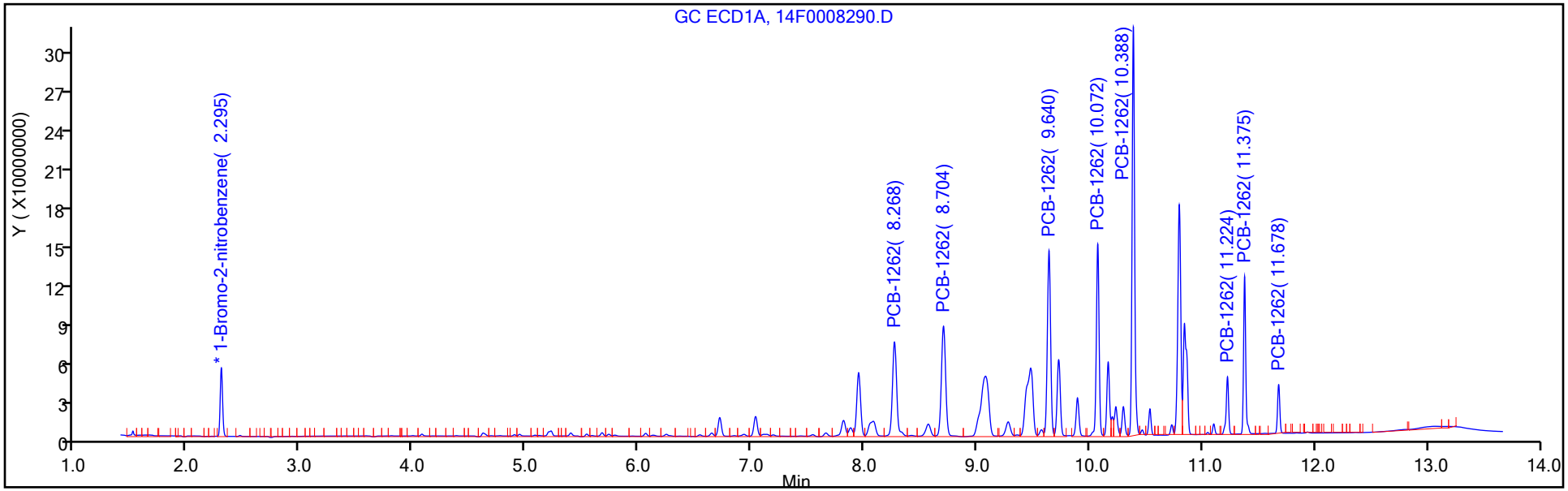
Report Date: 23-Oct-2024 14:02:50 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

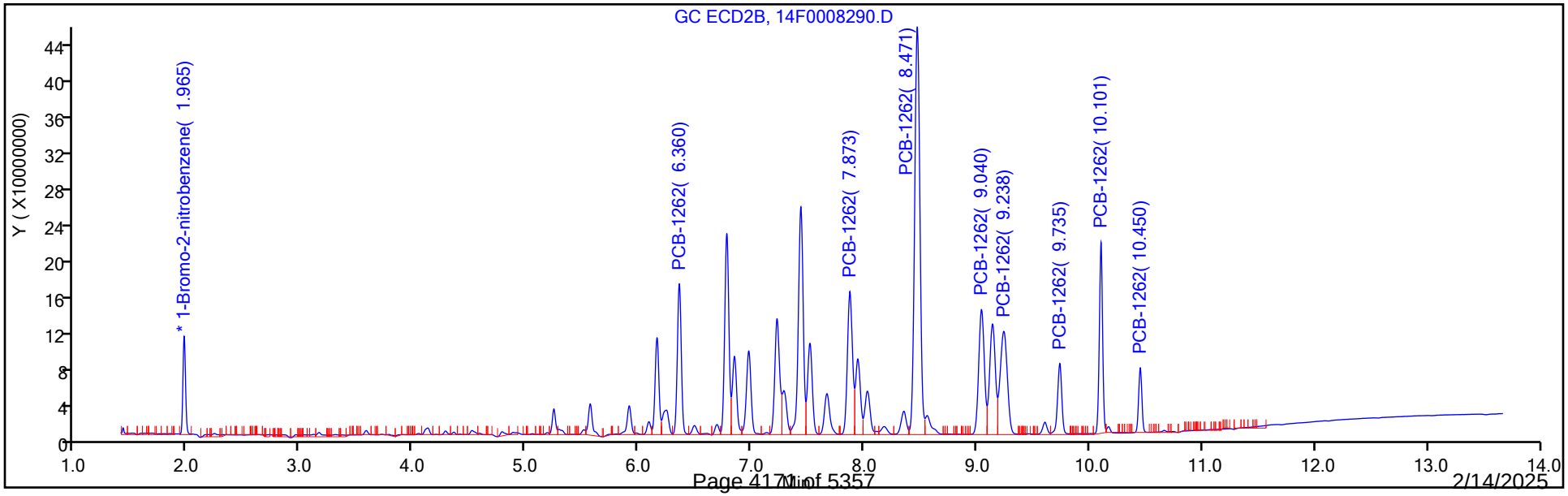
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 13:07:06 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1262 | | | Worklist Smp#: | 13 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

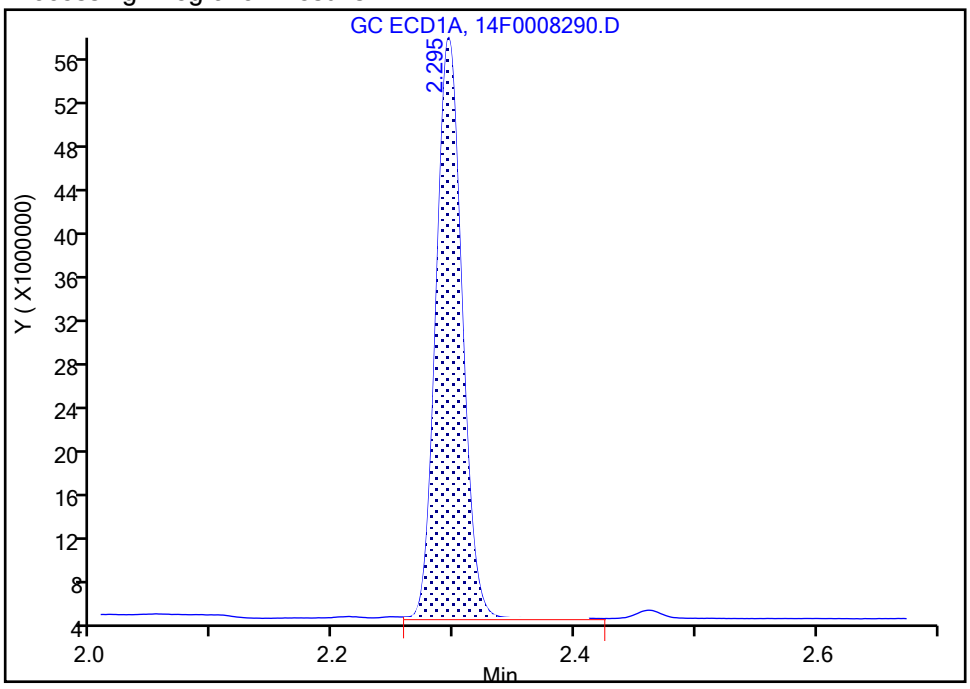
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Injection Date: 23-Oct-2024 13:07:06 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

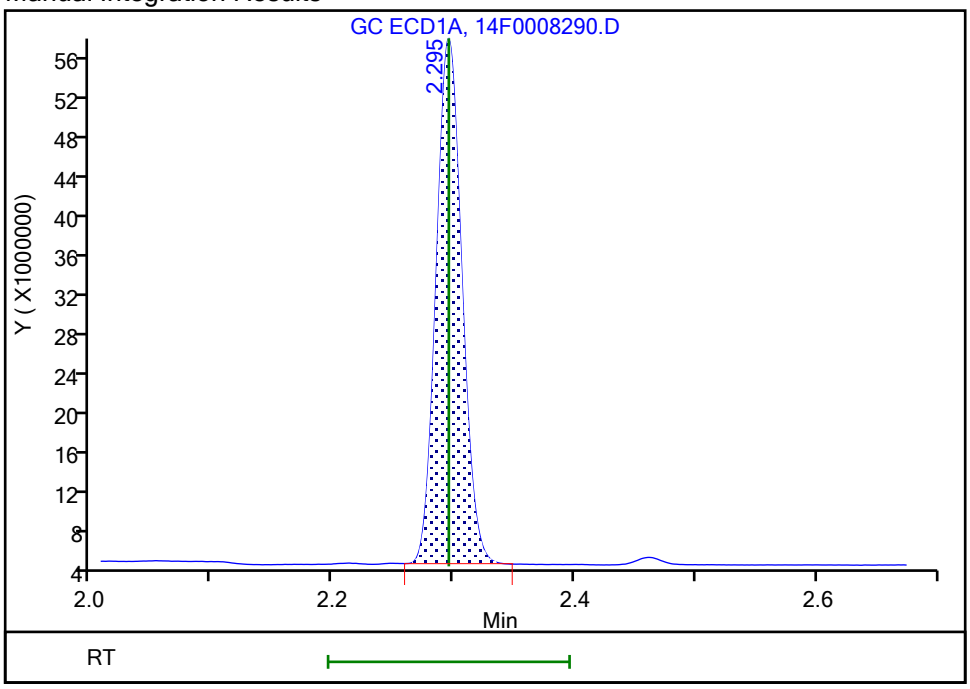
Processing Integration Results

RT: 2.30
Area: 79575971
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.30
Area: 77584763
Amount: 20.000000
Amount Units: ug/l



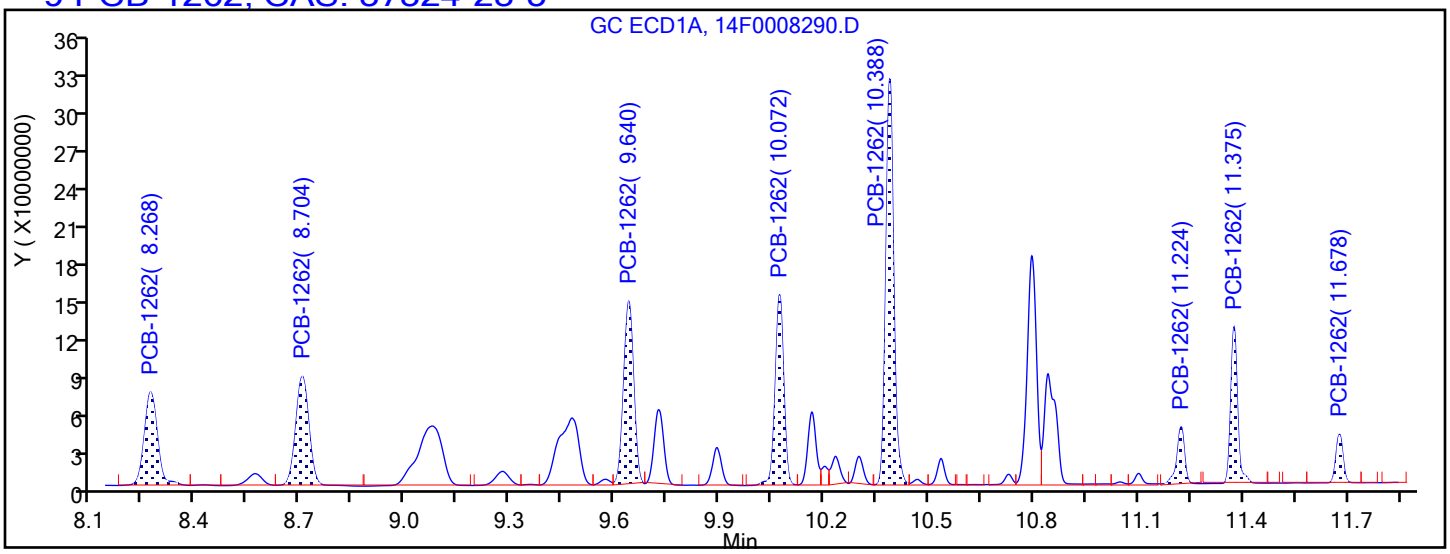

Reviewer: OR9X, 23-Oct-2024 13:58:26 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:50 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

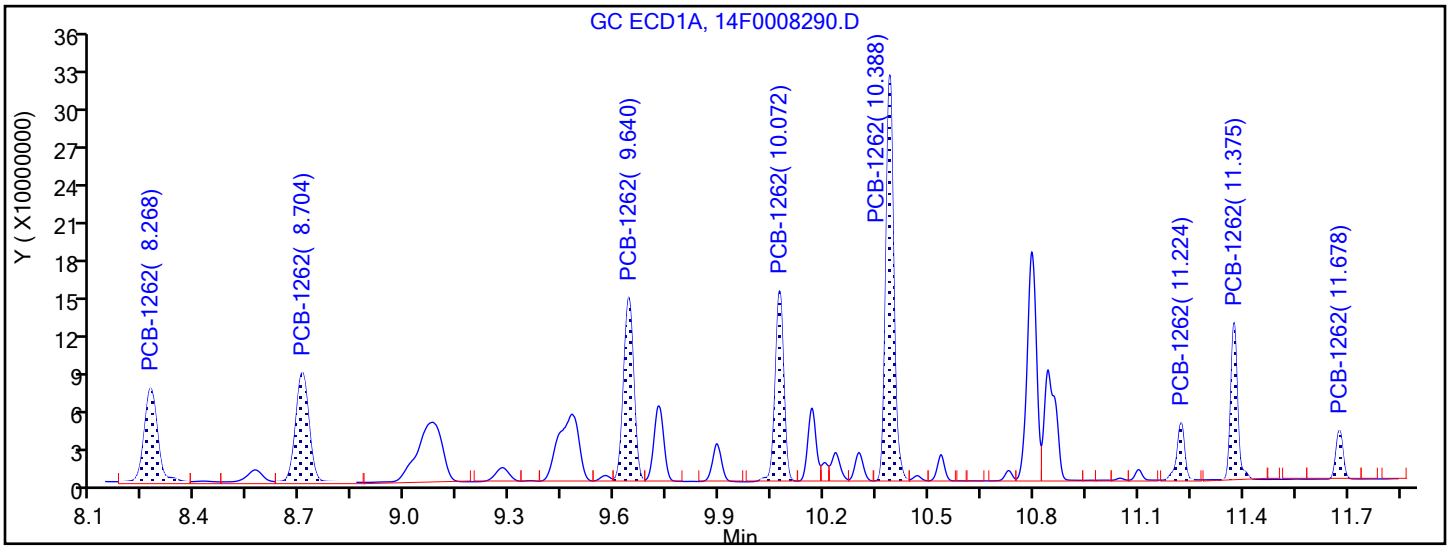
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Injection Date: 23-Oct-2024 13:07:06 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 9 PCB-1262, CAS: 37324-23-5




Processing Integration Results

| | |
|---|---|
| 8.268 | Response = 196822626 |
| 8.704 | Response = 227940258 |
| 9.640 | Response = 280886357 |
| 10.072 | Response = 249342878 |
| 10.388 | Response = 492053440 |
| 11.224 | Response = 67164230 |
| 11.375 | Response = 163241773 |
| 11.678 | Response = 52828718 |




Manual Integration Results

| | | |
|---|---|---|
| 8.268 | Response = 196822626 | |
| 8.704 | Response = 227940258 | |
| 9.640 | Response = 289012710 | M |
| 10.072 | Response = 251110864 | M |
| 10.388 | Response = 493923883 | M |
| 11.224 | Response = 67164230 | |

## Calibration / PCB-1262 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

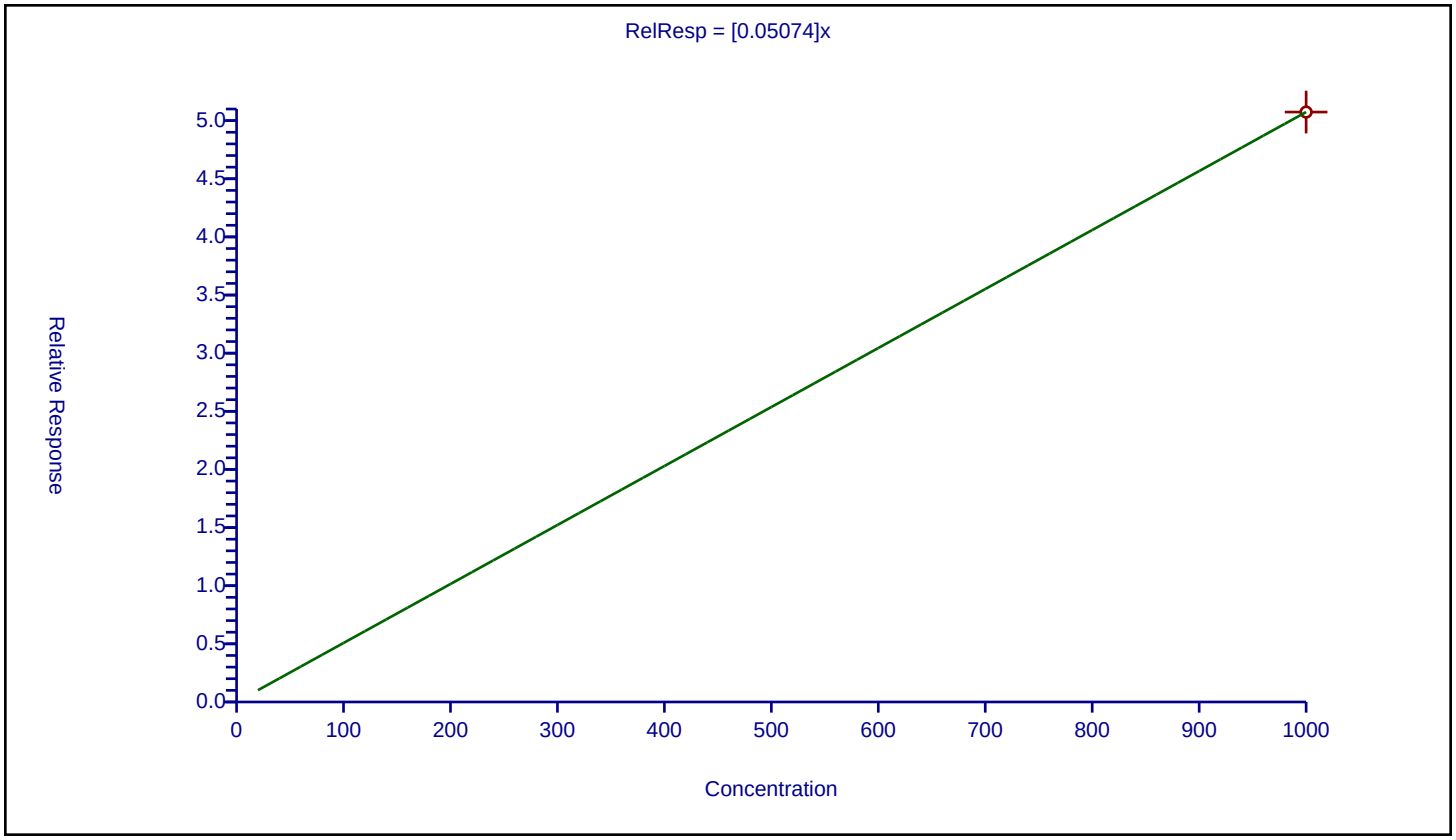
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05074 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 50.737443 | 20.0 | 77584763.0 | 0.050737 | Y |



## Calibration / PCB-1262 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

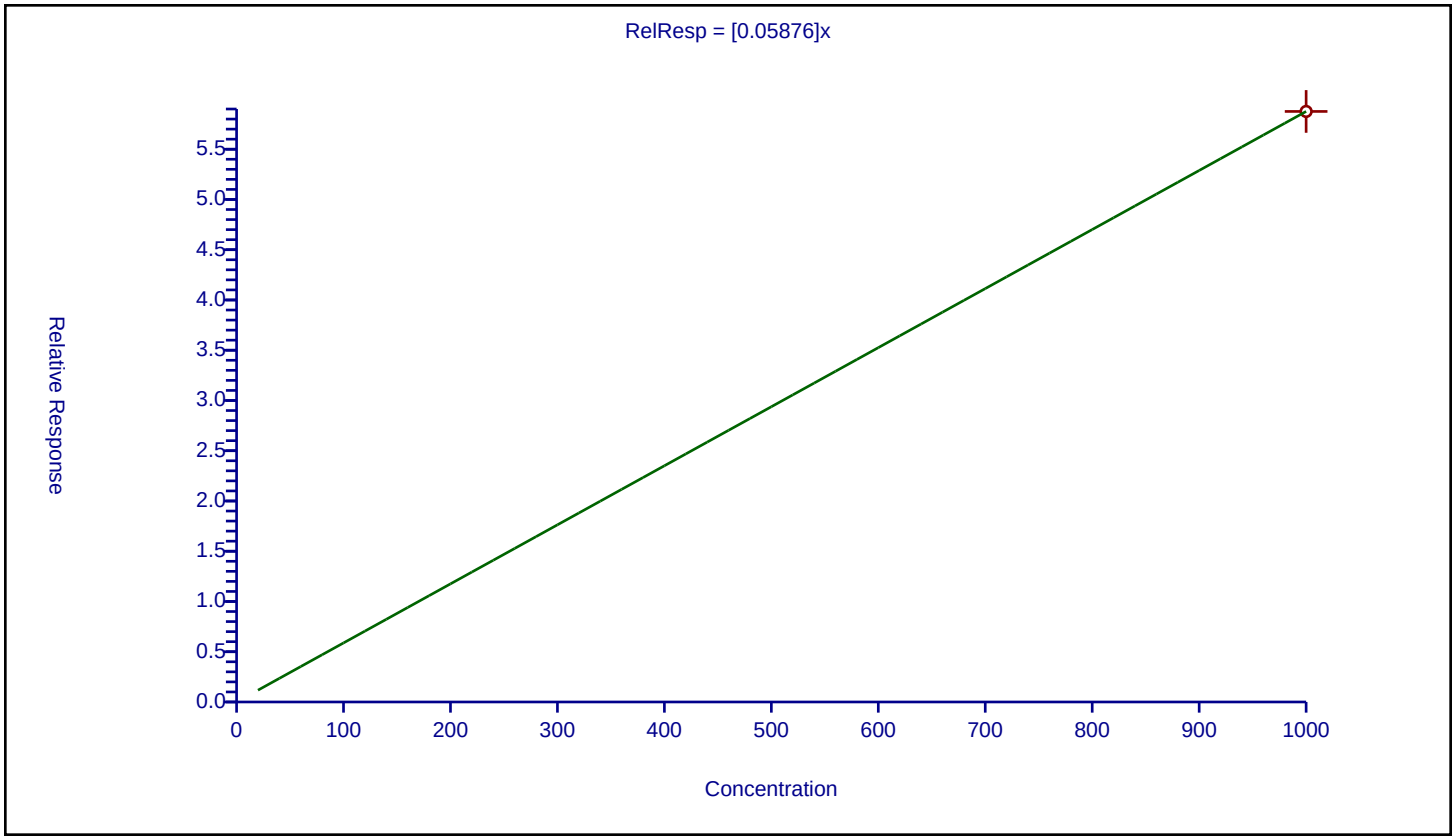
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05876 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 58.759027 | 20.0 | 77584763.0 | 0.058759 | Y |



## Calibration / PCB-1262 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

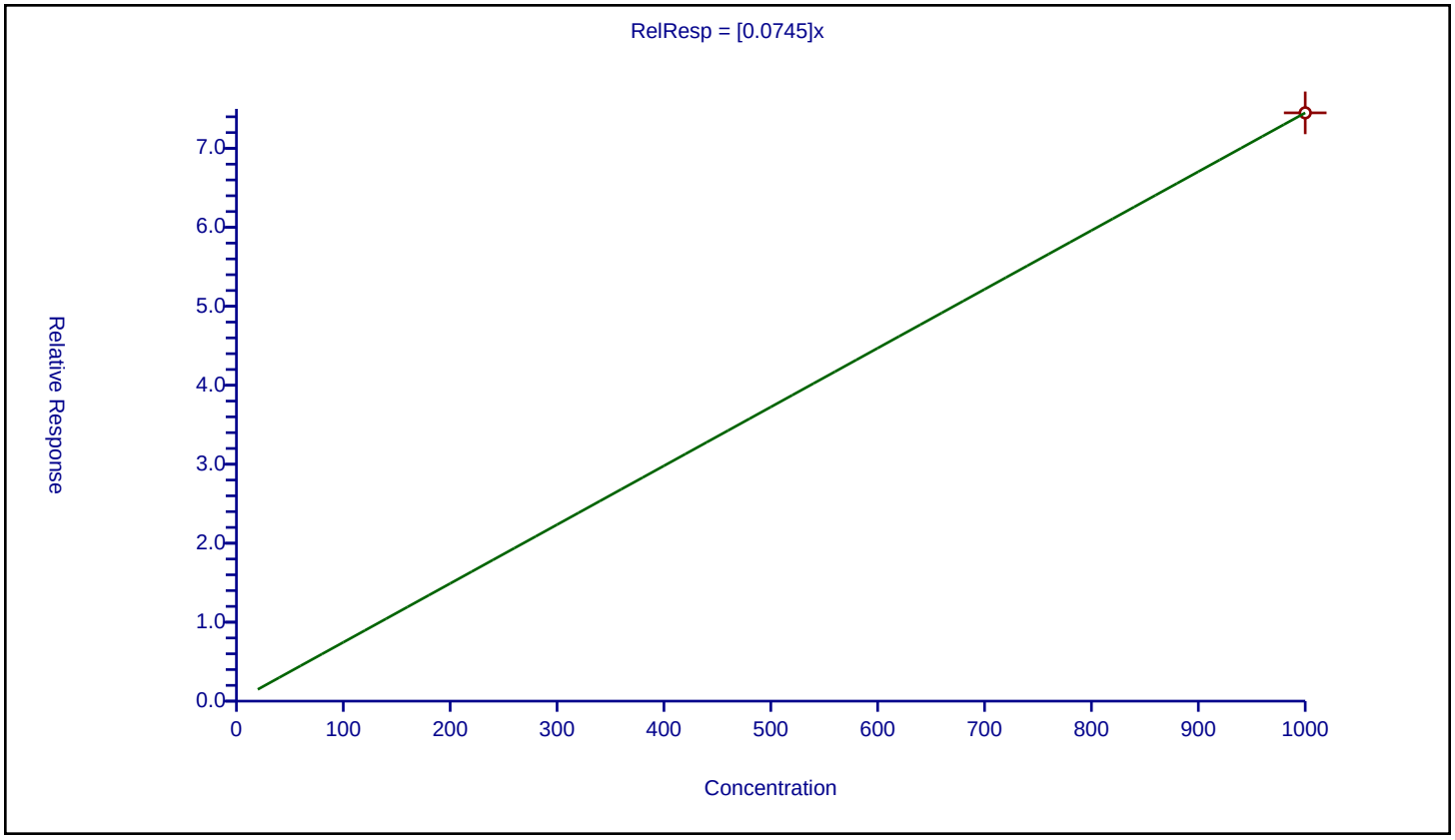
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.0745 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 74.502441 | 20.0 | 77584763.0 | 0.074502 | Y |



## Calibration / PCB-1262 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

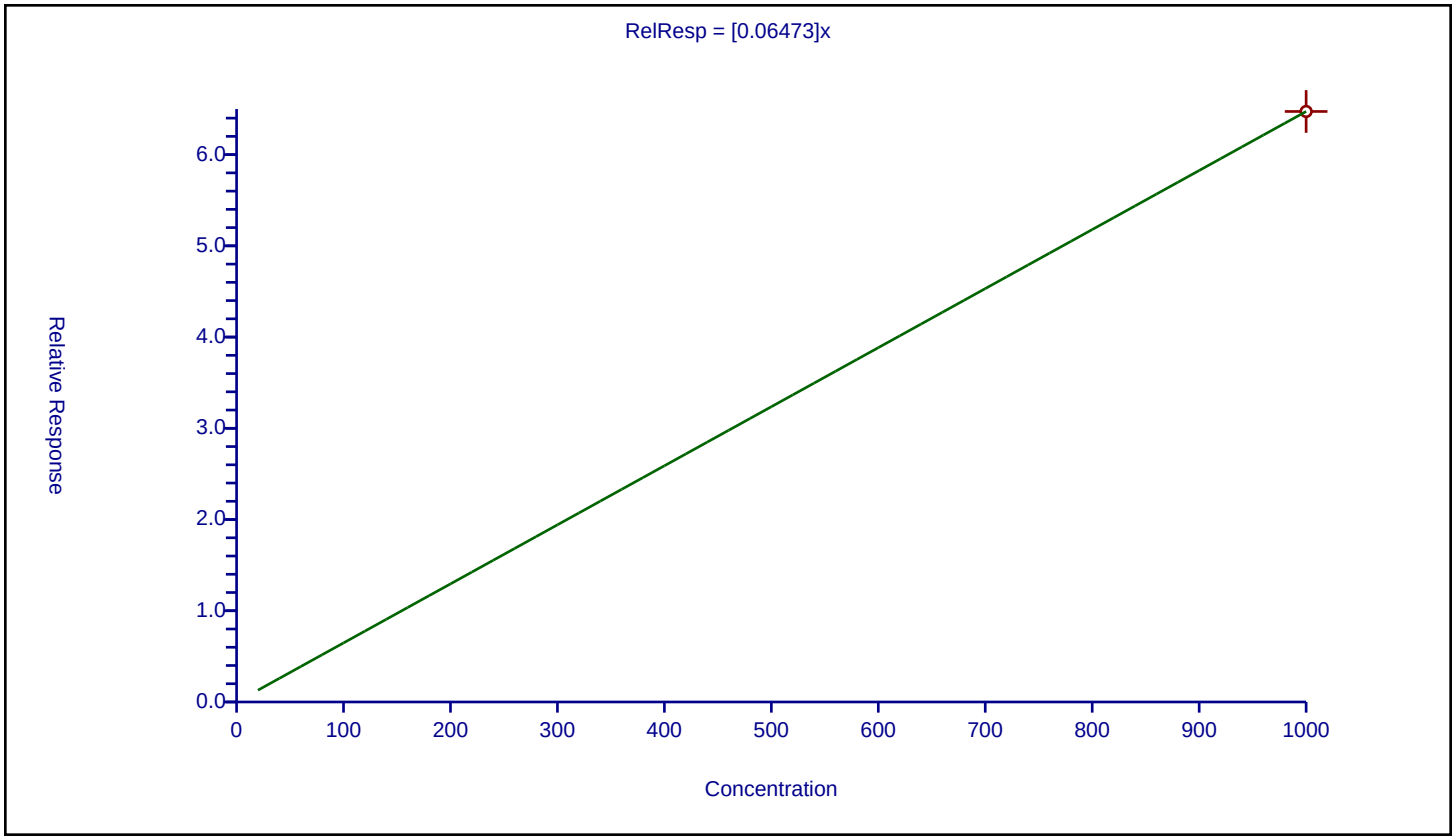
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.06473 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 64.732005 | 20.0 | 77584763.0 | 0.064732 | Y |



## Calibration / PCB-1262 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

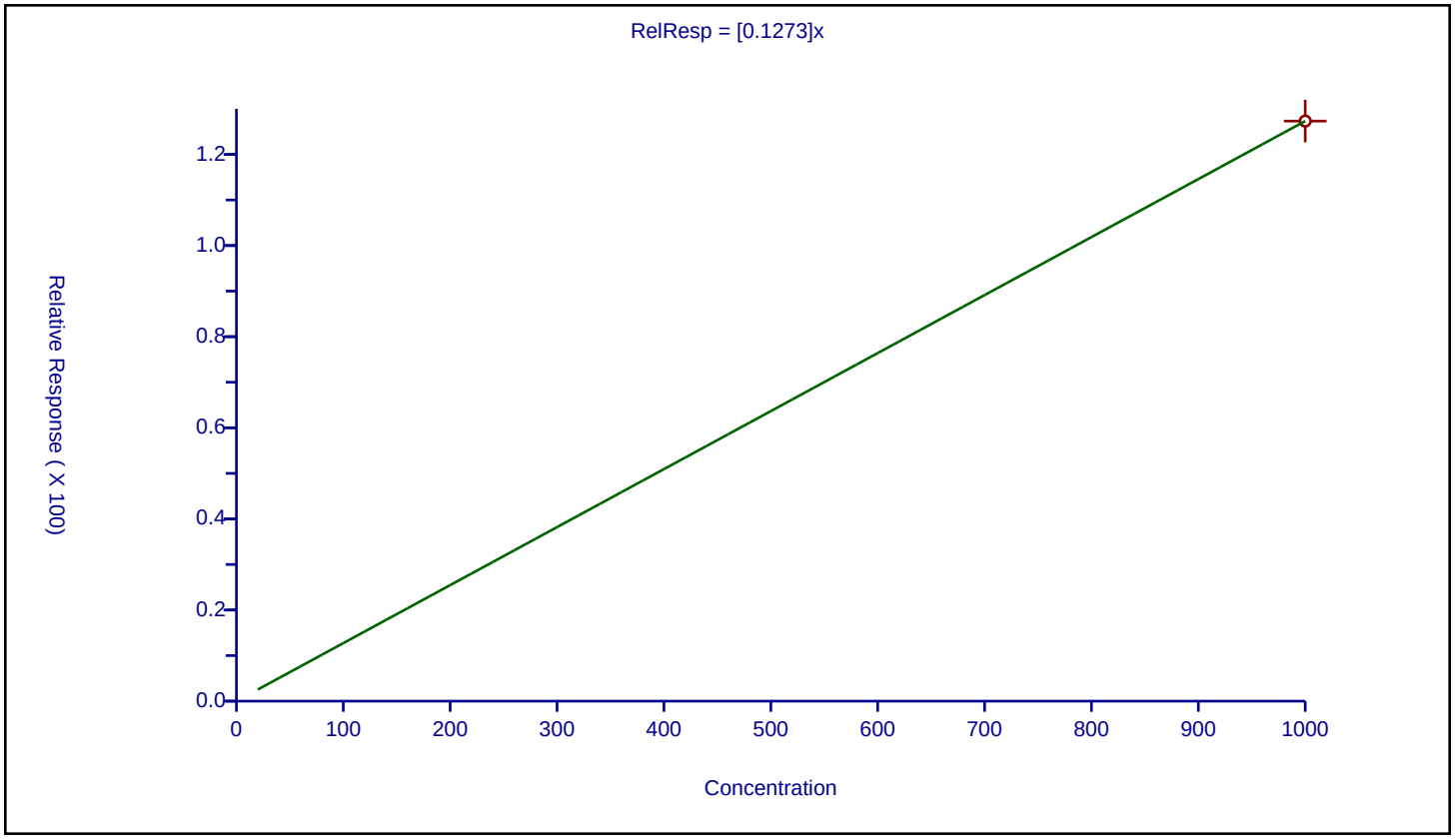
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1273 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 127.32497 | 20.0 | 77584763.0 | 0.127325 | Y |



## Calibration / PCB-1262 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

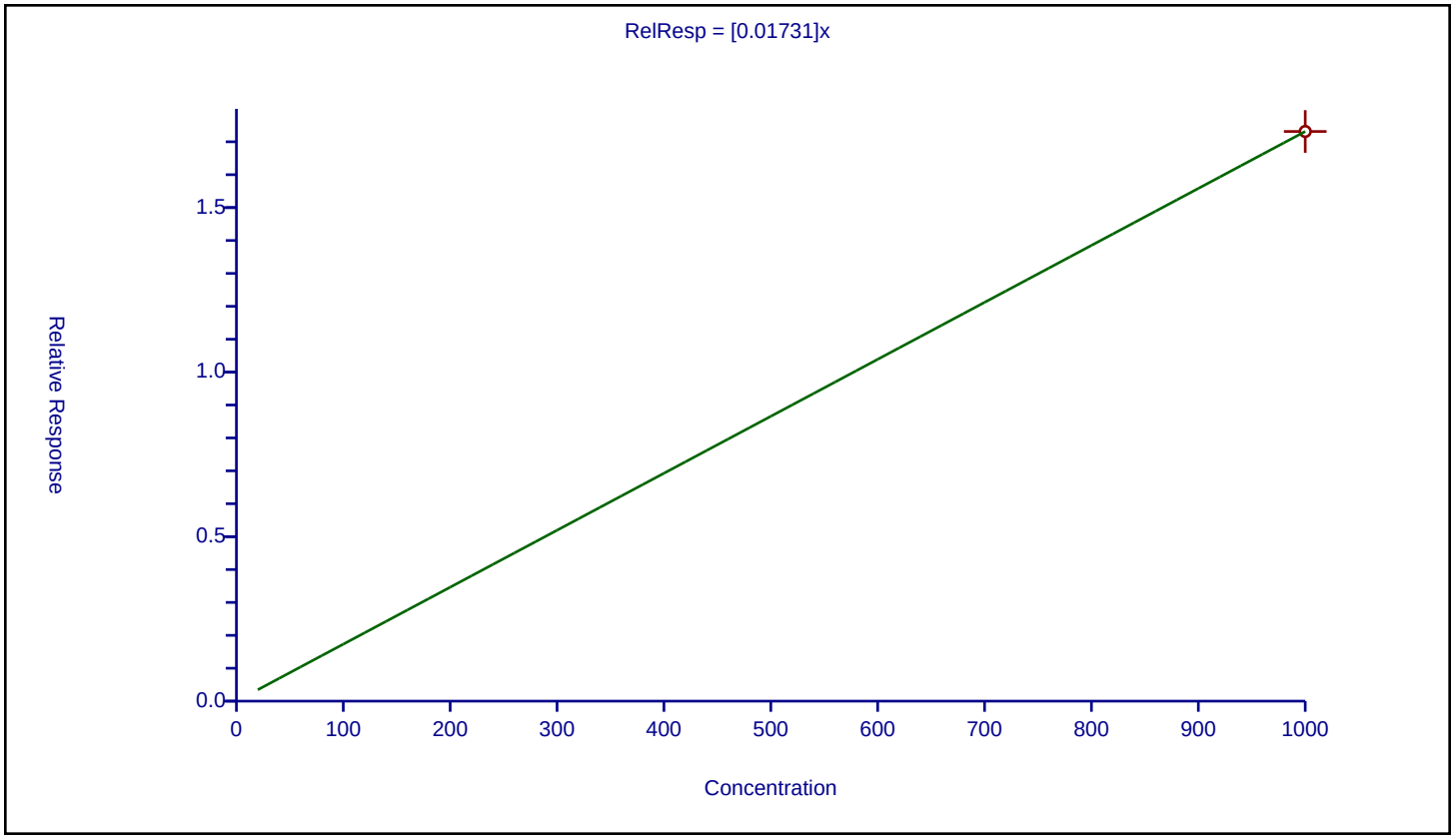
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01731 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 17.313768 | 20.0 | 77584763.0 | 0.017314 | Y |



## Calibration / PCB-1262 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

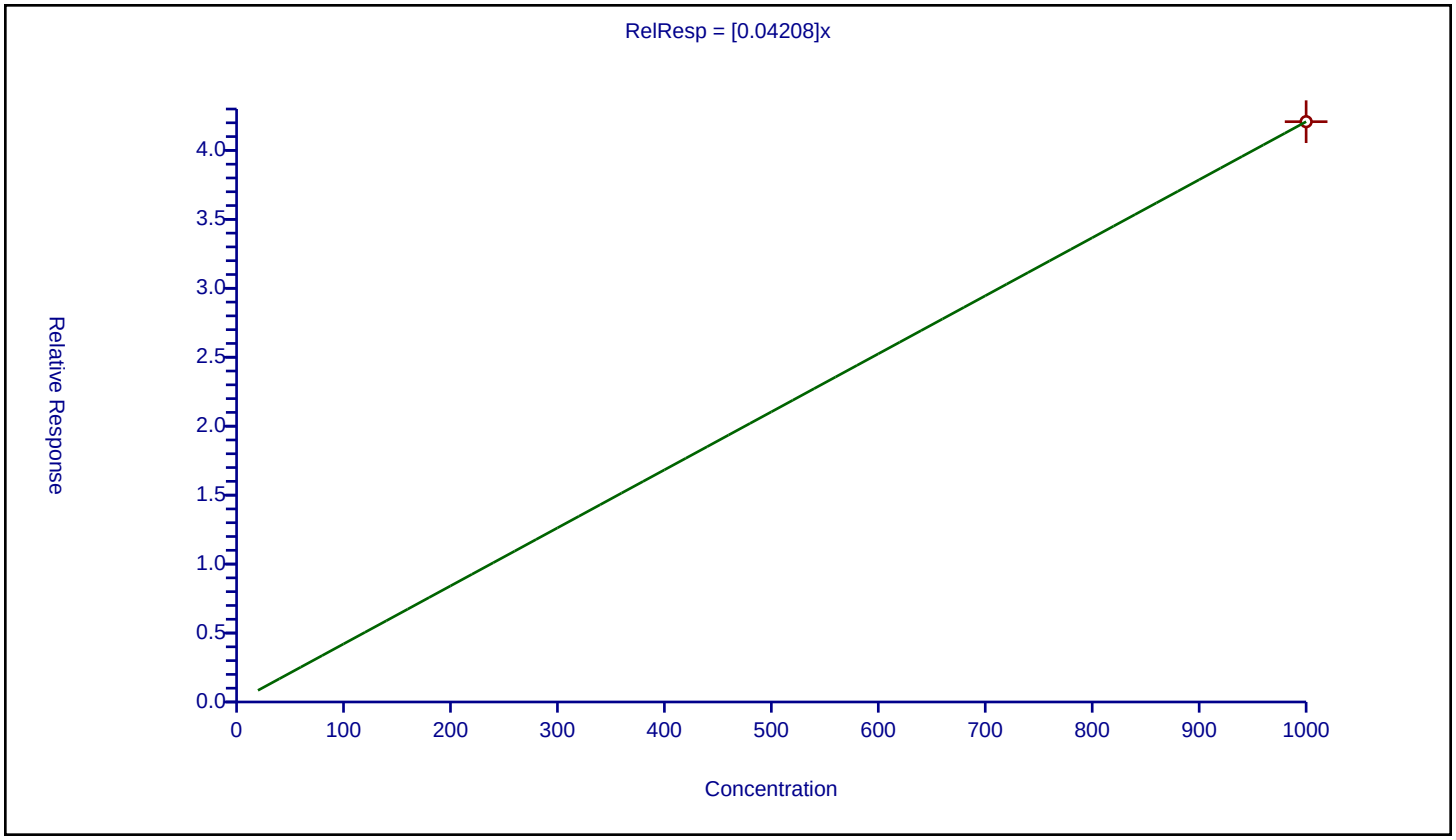
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04208 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 42.080885 | 20.0 | 77584763.0 | 0.042081 | Y |



## Calibration / PCB-1262 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

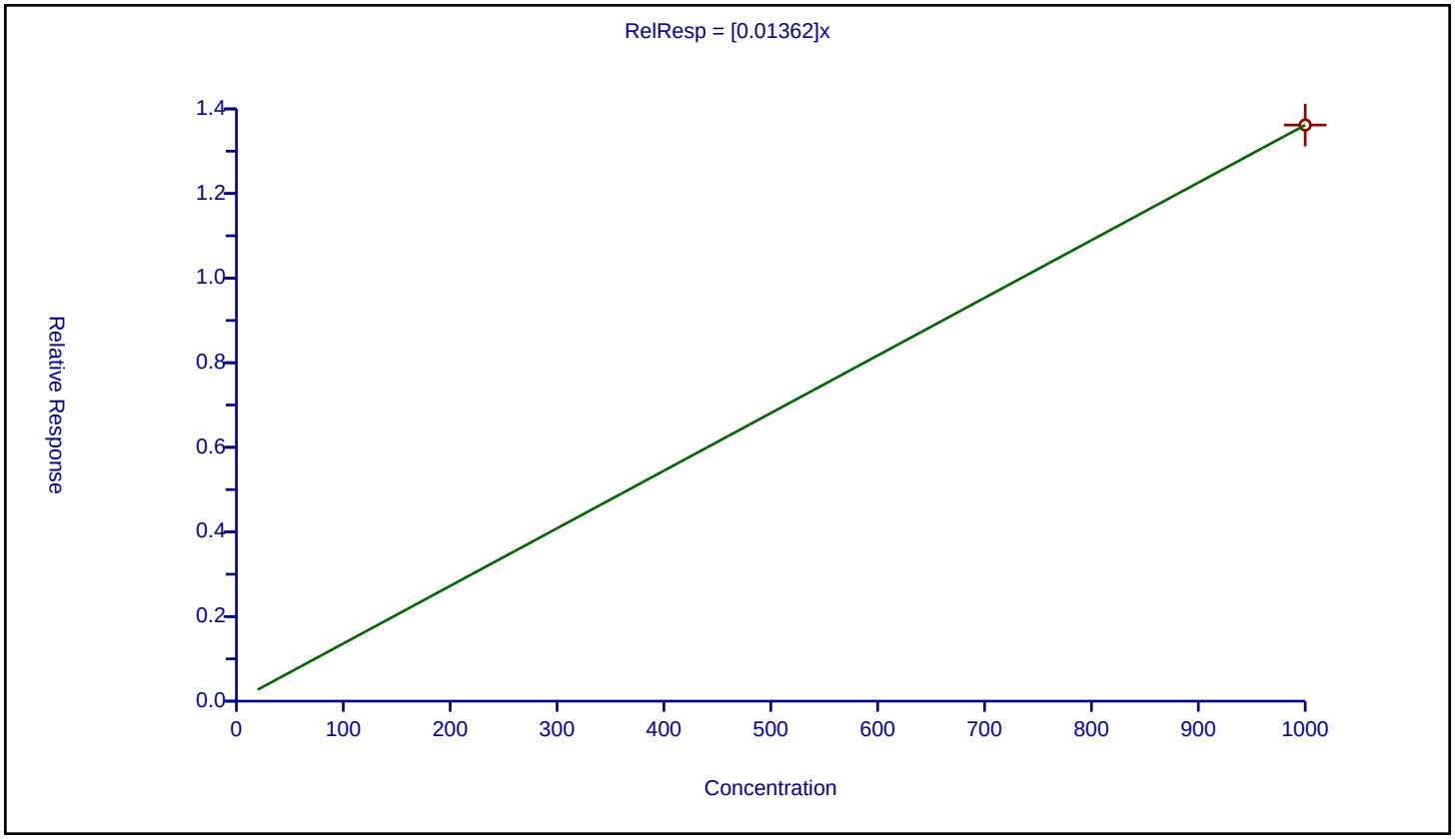
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 13.618323 | 20.0 | 77584763.0 | 0.013618 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:07 Calibration End Date: 10/23/2024 13:07 Calibration ID: 98974

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/13 | 14F0008290.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1262 Peak 1 | 0.0469 | | | | | Ave | | 0.0469 | | | | | | 20.0 | | | |
| PCB-1262 Peak 2 | 0.0573 | | | | | Ave | | 0.0573 | | | | | | 20.0 | | | |
| PCB-1262 Peak 3 | 0.1698 | | | | | Ave | | 0.1698 | | | | | | 20.0 | | | |
| PCB-1262 Peak 4 | 0.0558 | | | | | Ave | | 0.0558 | | | | | | 20.0 | | | |
| PCB-1262 Peak 5 | 0.0576 | | | | | Ave | | 0.0576 | | | | | | 20.0 | | | |
| PCB-1262 Peak 6 | 0.0232 | | | | | Ave | | 0.0232 | | | | | | 20.0 | | | |
| PCB-1262 Peak 7 | 0.0488 | | | | | Ave | | 0.0488 | | | | | | 20.0 | | | |
| PCB-1262 Peak 8 | 0.0166 | | | | | Ave | | 0.0166 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:07 | Calibration End Date: 10/23/2024 13:07 | Calibration ID: 98974

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/13 | 14F0008290.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1262 Peak 1 | BNB | Ave | 401828246 | | | | | 1000 | | | | |
| PCB-1262 Peak 2 | BNB | Ave | 491708266 | | | | | 1000 | | | | |
| PCB-1262 Peak 3 | BNB | Ave | 1456477014 | | | | | 1000 | | | | |
| PCB-1262 Peak 4 | BNB | Ave | 478161521 | | | | | 1000 | | | | |
| PCB-1262 Peak 5 | BNB | Ave | 494206447 | | | | | 1000 | | | | |
| PCB-1262 Peak 6 | BNB | Ave | 199188098 | | | | | 1000 | | | | |
| PCB-1262 Peak 7 | BNB | Ave | 418185636 | | | | | 1000 | | | | |
| PCB-1262 Peak 8 | BNB | Ave | 142574793 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 13:07:06 ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-013
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:49 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:51:00

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 77584763 | 20.0 | 20.0 | M |
| 2 | 1.965 | 1.965 | 0.000 | 171502457 | 20.0 | 20.0 | M |
| | | | | | | RPD = 0.00 | |
| 9 PCB-1262 | | | | | | | M |
| 1 | 8.268 | 8.268 | 0.000 | 196822626 | 1000.0 | 1000.0 | |
| 1 | 8.704 | 8.704 | 0.000 | 227940258 | 1000.0 | 1000.0 | |
| 1 | 9.640 | 9.640 | 0.000 | 289012710 | 1000.0 | 1000.0 | M |
| 1 | 10.072 | 10.072 | 0.000 | 251110864 | 1000.0 | 1000.0 | M |
| 1 | 10.388 | 10.388 | 0.000 | 493923883 | 1000.0 | 1000.0 | M |
| 1 | 11.224 | 11.224 | 0.000 | 67164230 | 1000.0 | 1000.0 | |
| 1 | 11.375 | 11.375 | 0.000 | 163241773 | 1000.0 | 1000.0 | |
| 1 | 11.678 | 11.678 | 0.000 | 52828718 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 6.360 | 6.360 | 0.000 | 401828246 | 1000.0 | 1000.0 | |
| 2 | 7.873 | 7.873 | 0.000 | 491708266 | 1000.0 | 1000.0 | |
| 2 | 8.471 | 8.471 | 0.000 | 1456477014 | 1000.0 | 1000.0 | |
| 2 | 9.040 | 9.040 | 0.000 | 478161521 | 1000.0 | 1000.0 | M |
| 2 | 9.238 | 9.238 | 0.000 | 494206447 | 1000.0 | 1000.0 | M |
| 2 | 9.735 | 9.735 | 0.000 | 199188098 | 1000.0 | 1000.0 | M |
| 2 | 10.101 | 10.101 | 0.000 | 418185636 | 1000.0 | 1000.0 | M |
| 2 | 10.450 | 10.450 | 0.000 | 142574793 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1262L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

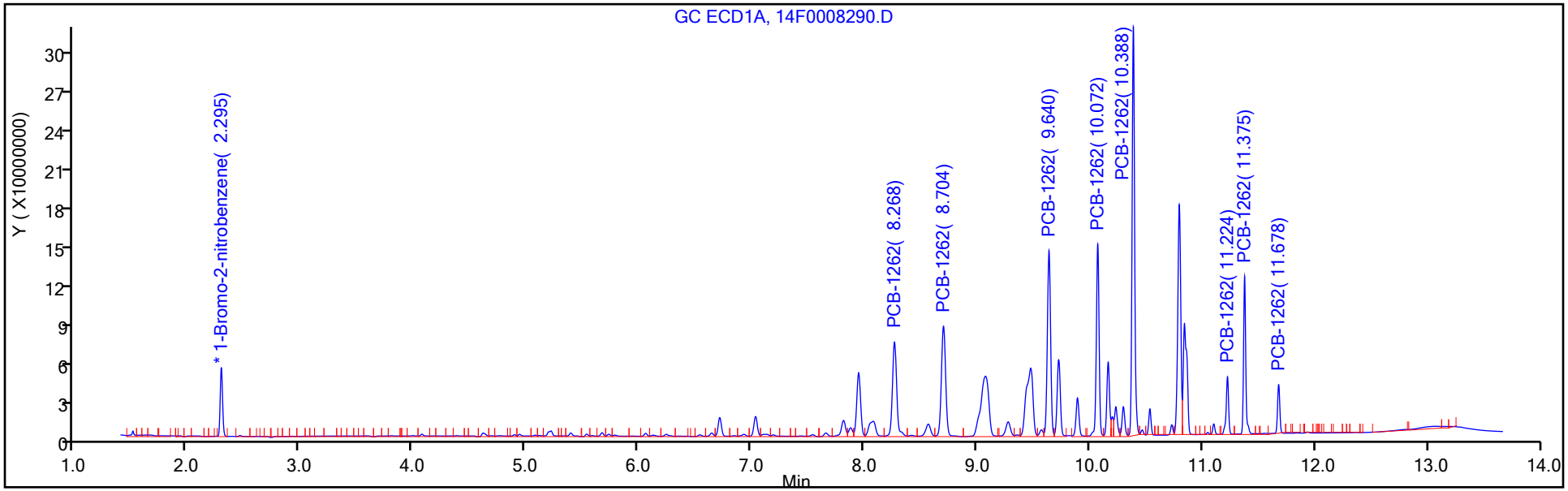
Report Date: 23-Oct-2024 14:02:51 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

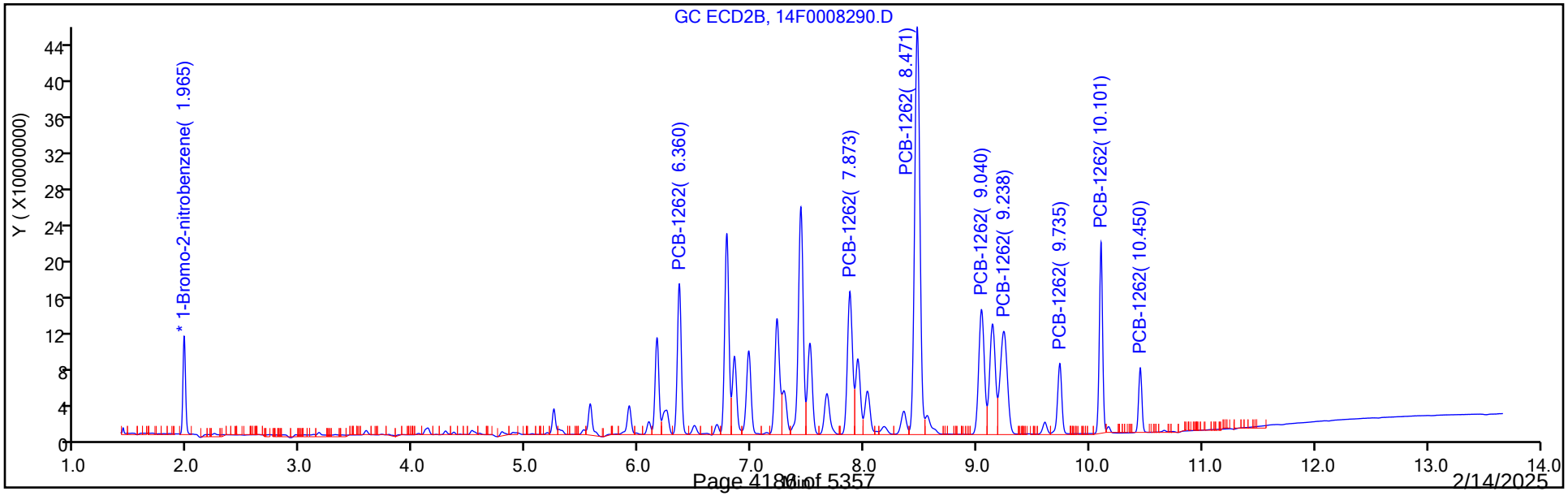
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 13:07:06 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1262 | | | Worklist Smp#: | 13 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 16 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

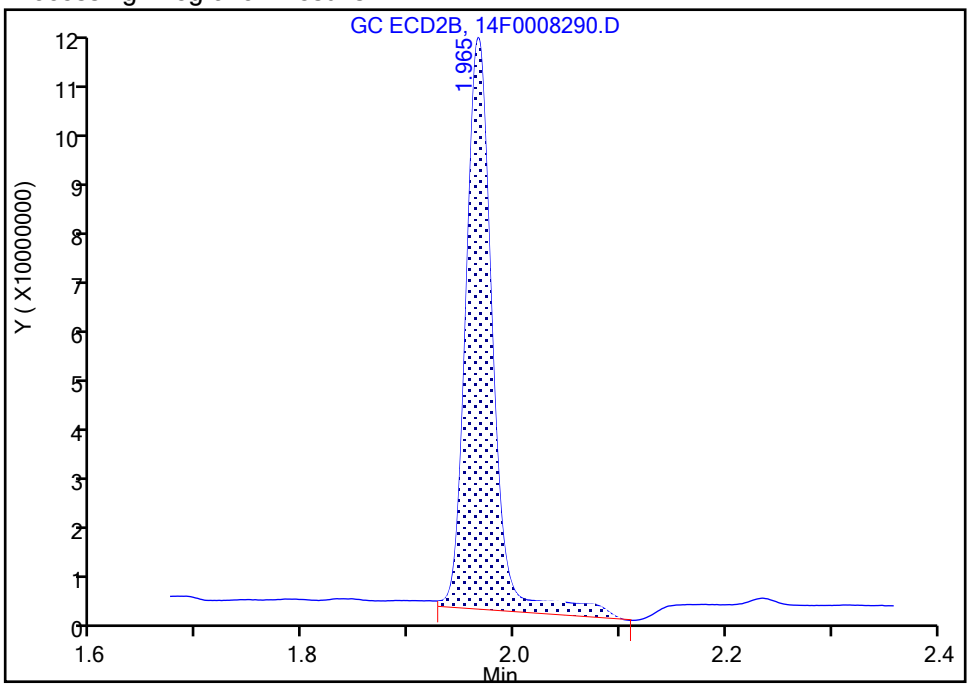
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Injection Date: 23-Oct-2024 13:07:06 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 2

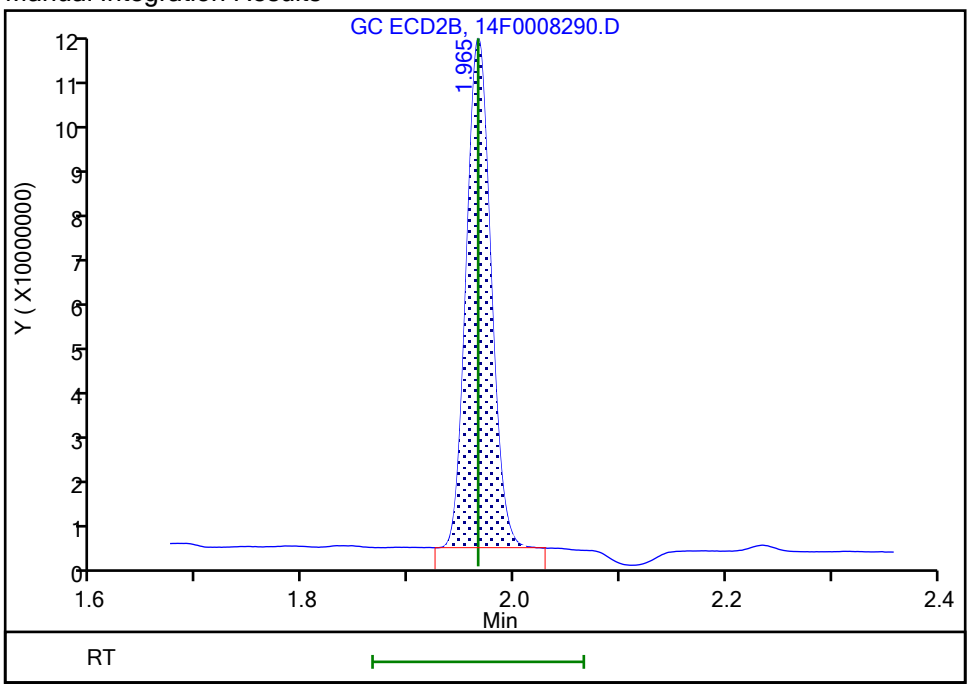
Processing Integration Results

RT: 1.97
Area: 191262791
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 1.97
Area: 171502457
Amount: 20.000000
Amount Units: ug/l



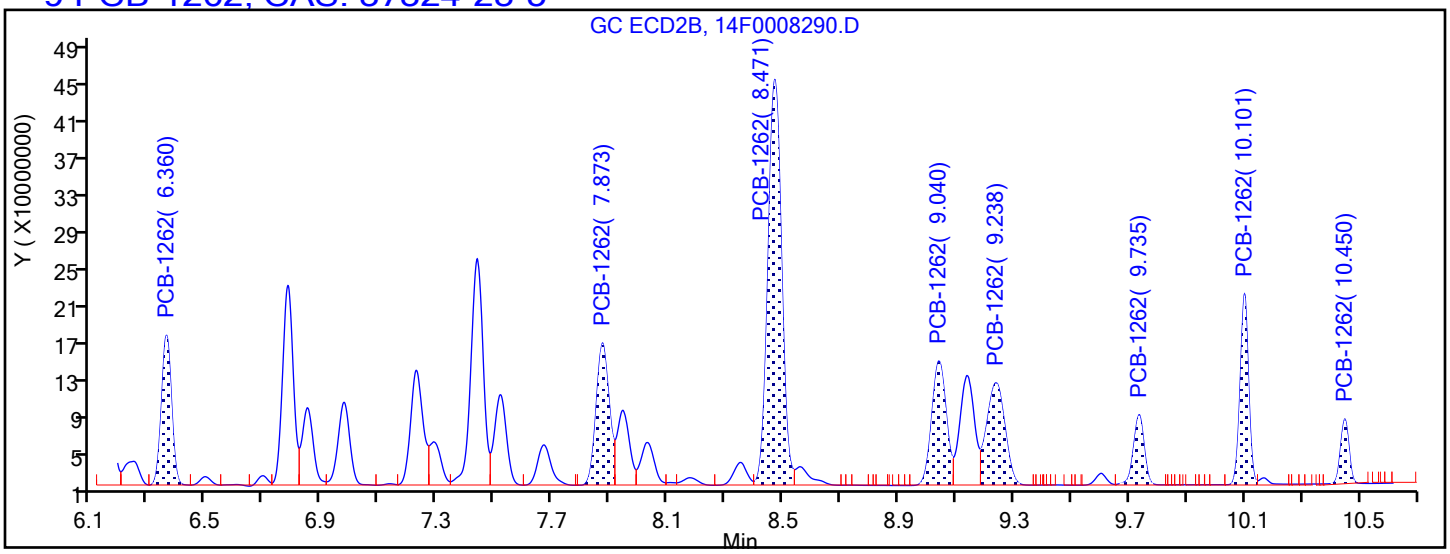

Reviewer: OR9X, 23-Oct-2024 13:58:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:51 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

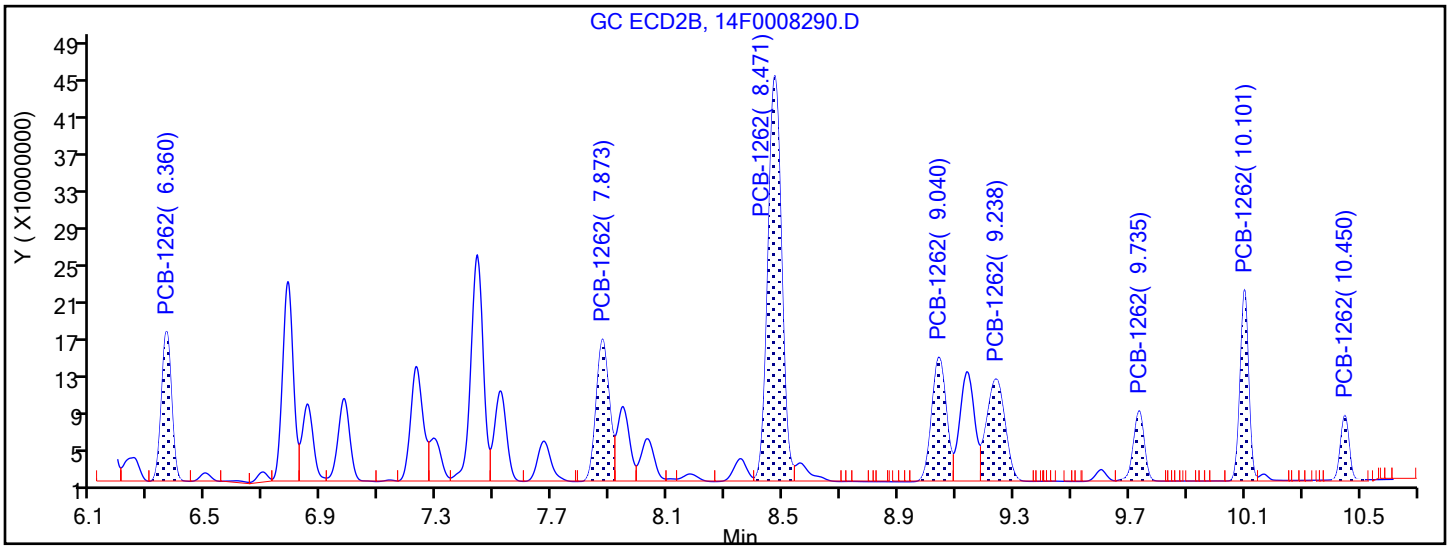
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008290.D
Injection Date: 23-Oct-2024 13:07:06 Instrument ID: CPESTGC14
Lims ID: IC 1262
Client ID:
Operator ID: ALS Bottle#: 16 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 9 PCB-1262, CAS: 37324-23-5




Processing Integration Results

| | |
|---|---|
| 6.360 | Response = 401828246 |
| 7.873 | Response = 491708266 |
| 8.471 | Response = 1456477014 |
| 9.040 | Response = 477251869 |
| 9.238 | Response = 492183657 |
| 9.735 | Response = 197858006 |
| 10.101 | Response = 416815198 |
| 10.450 | Response = 142574793 |




Manual Integration Results

| | | |
|---|---|---|
| 6.360 | Response = 401828246 | |
| 7.873 | Response = 491708266 | |
| 8.471 | Response = 1456477014 | |
| 9.040 | Response = 478161521 | M |
| 9.238 | Response = 494206447 | M |
| 9.735 | Response = 199188098 | M |

## Calibration / PCB-1262 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

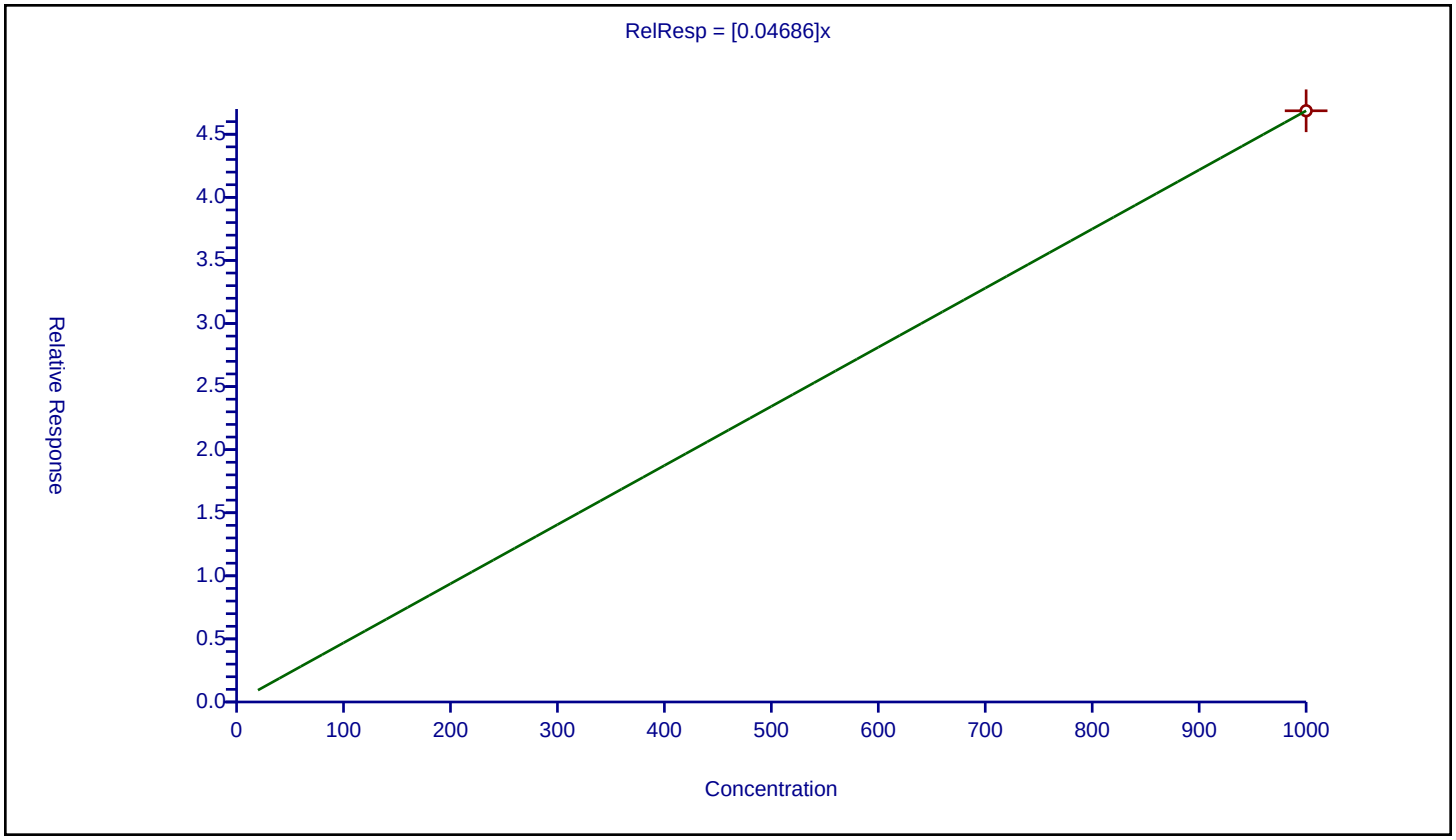
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04686 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 46.859766 | 20.0 | 171502457.0 | 0.04686 | Y |



## Calibration / PCB-1262 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

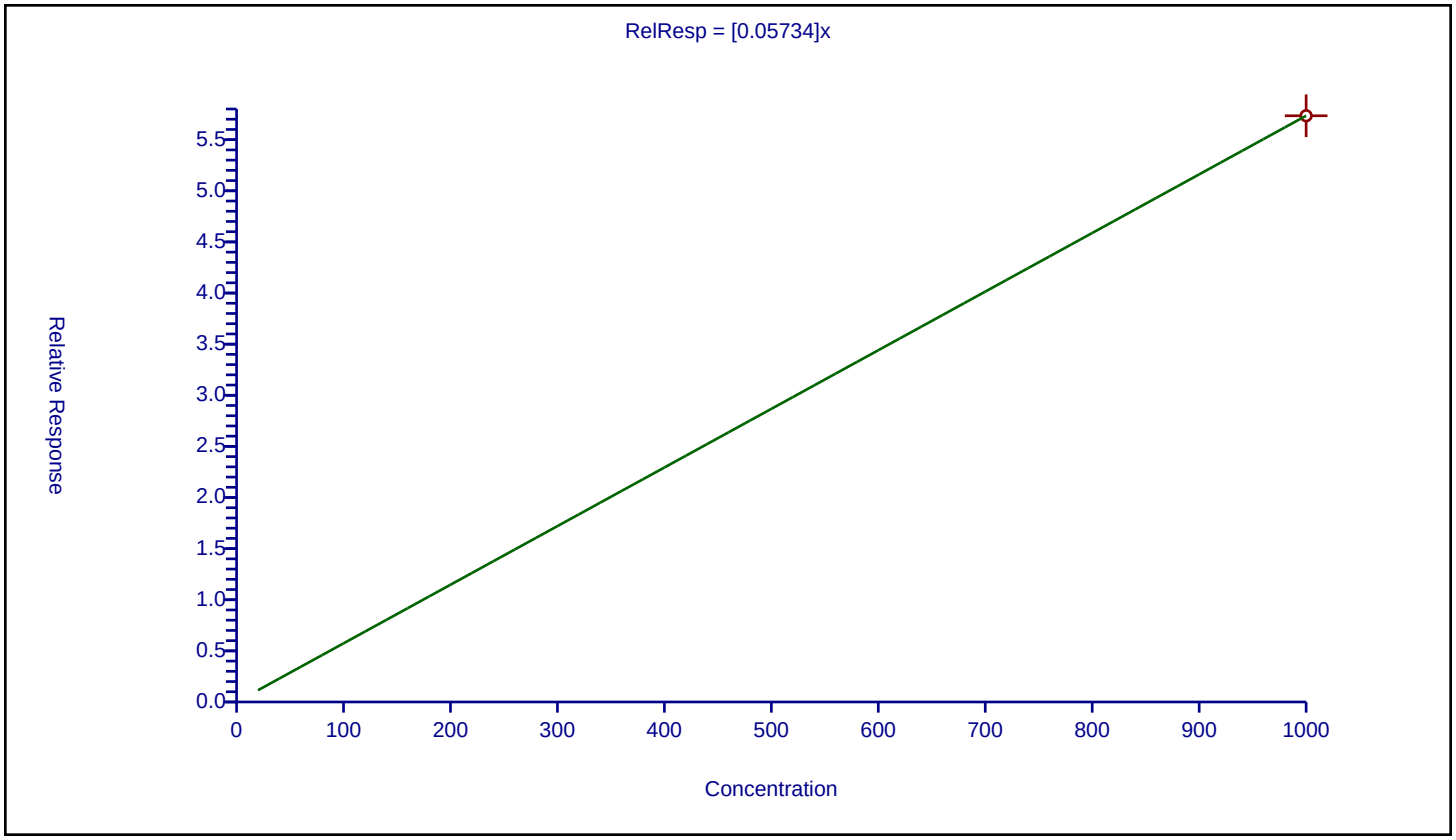
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05734 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 57.34125 | 20.0 | 171502457.0 | 0.057341 | Y |



## Calibration / PCB-1262 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

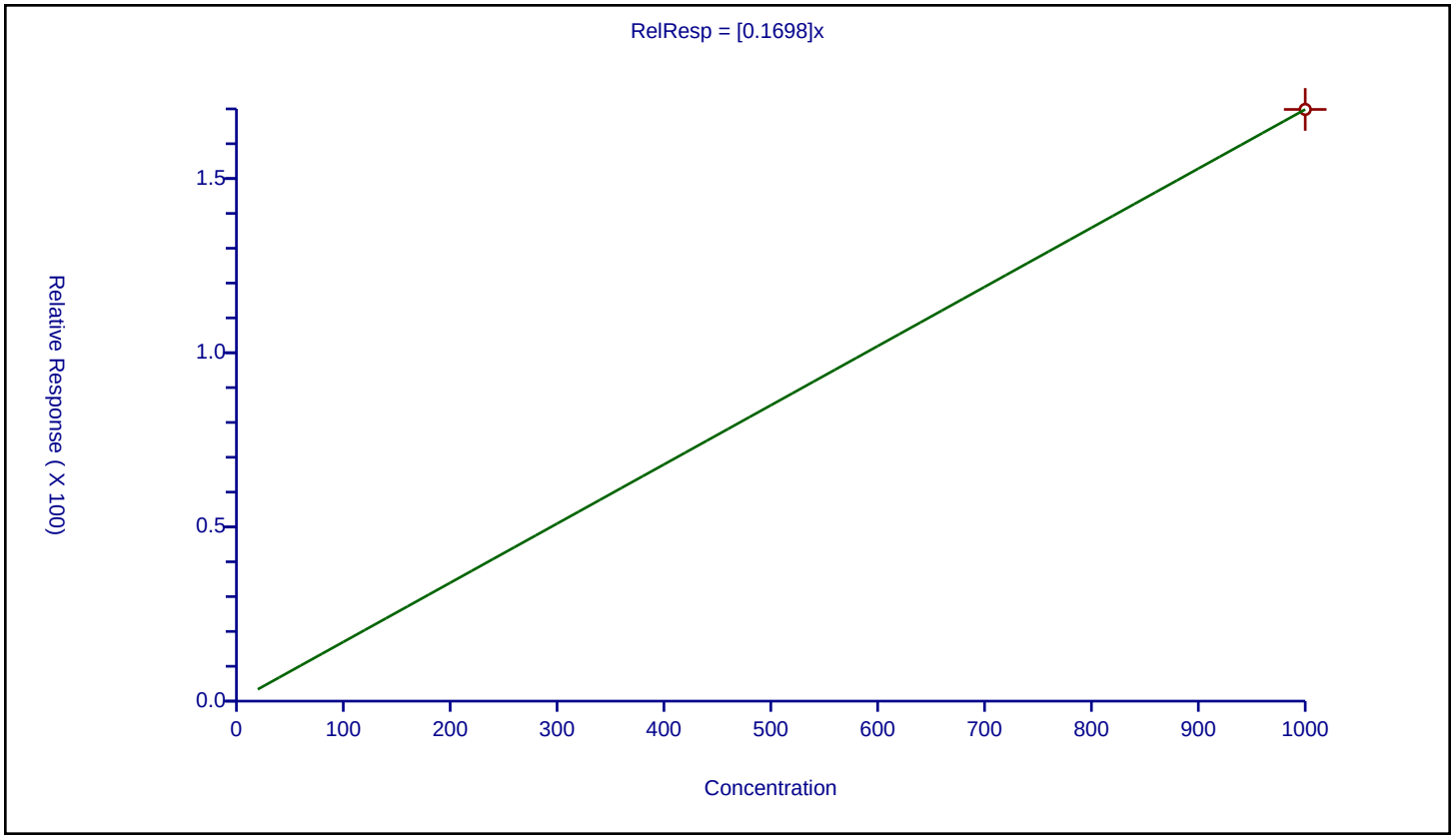
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1698 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 169.849113 | 20.0 | 171502457.0 | 0.169849 | Y |



## Calibration / PCB-1262 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

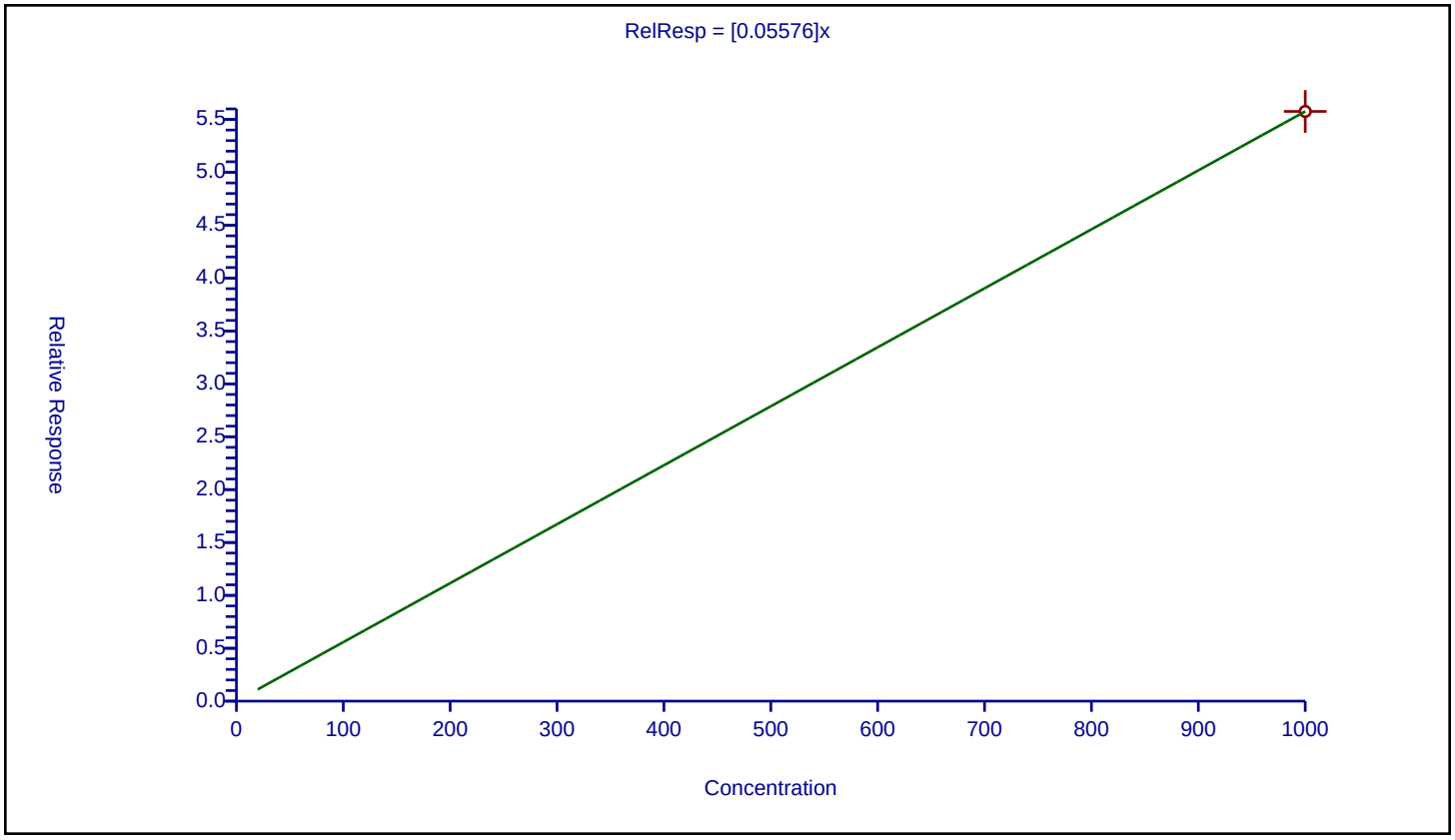
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05576 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 55.761478 | 20.0 | 171502457.0 | 0.055761 | Y |



## Calibration / PCB-1262 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

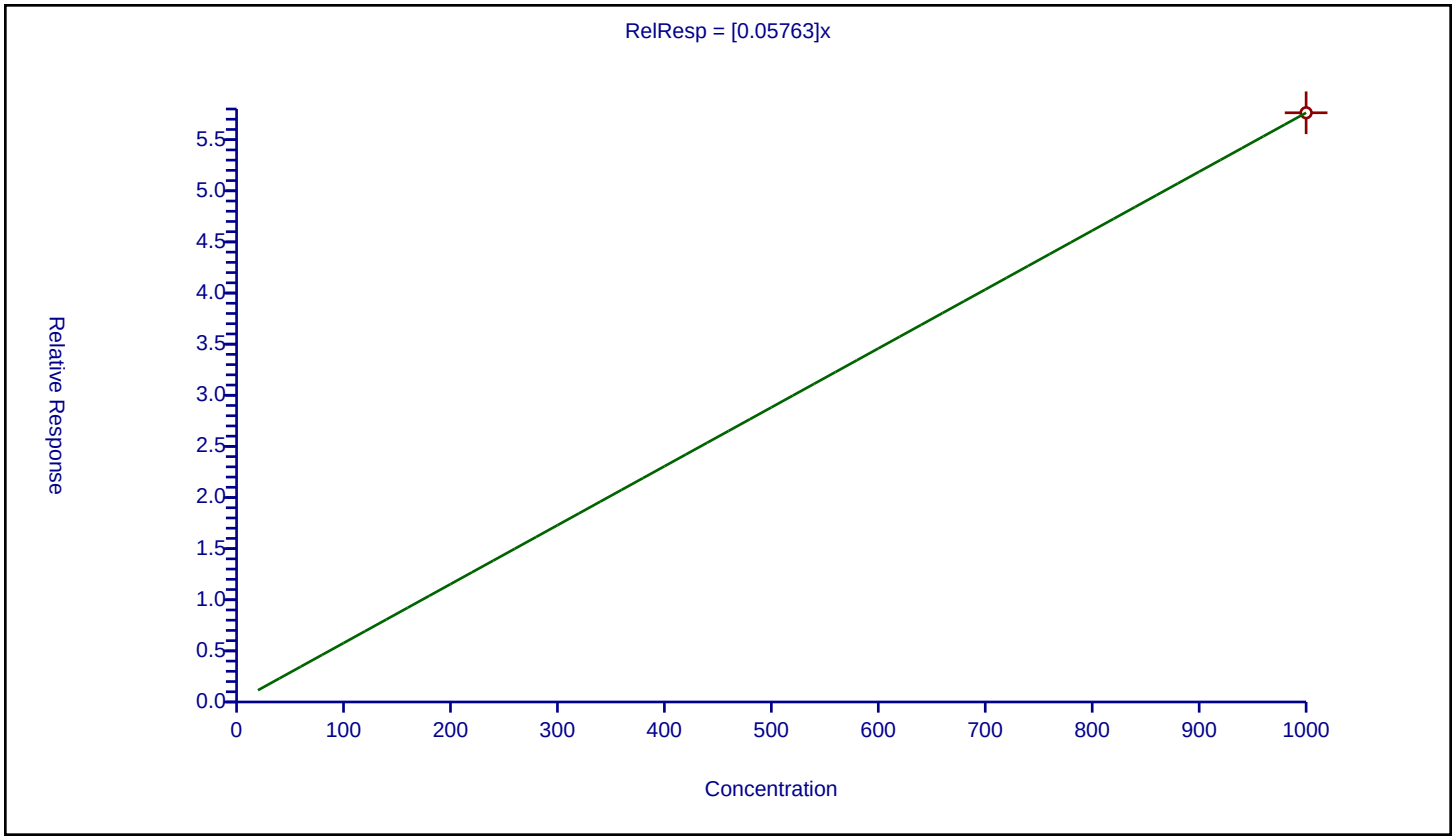
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05763 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 57.632579 | 20.0 | 171502457.0 | 0.057633 | Y |



## Calibration / PCB-1262 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

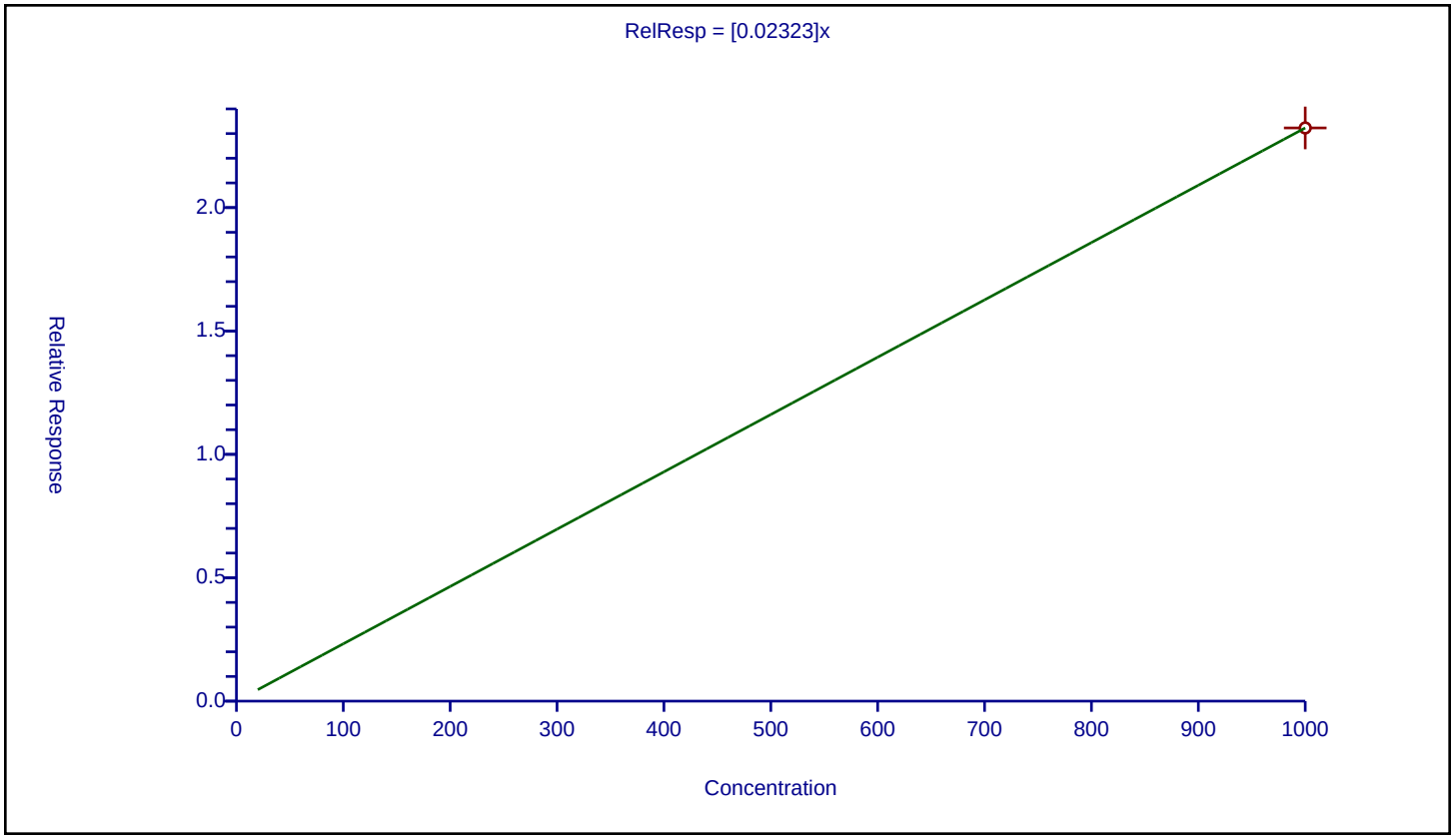
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02323 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 23.2286 | 20.0 | 171502457.0 | 0.023229 | Y |



## Calibration / PCB-1262 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

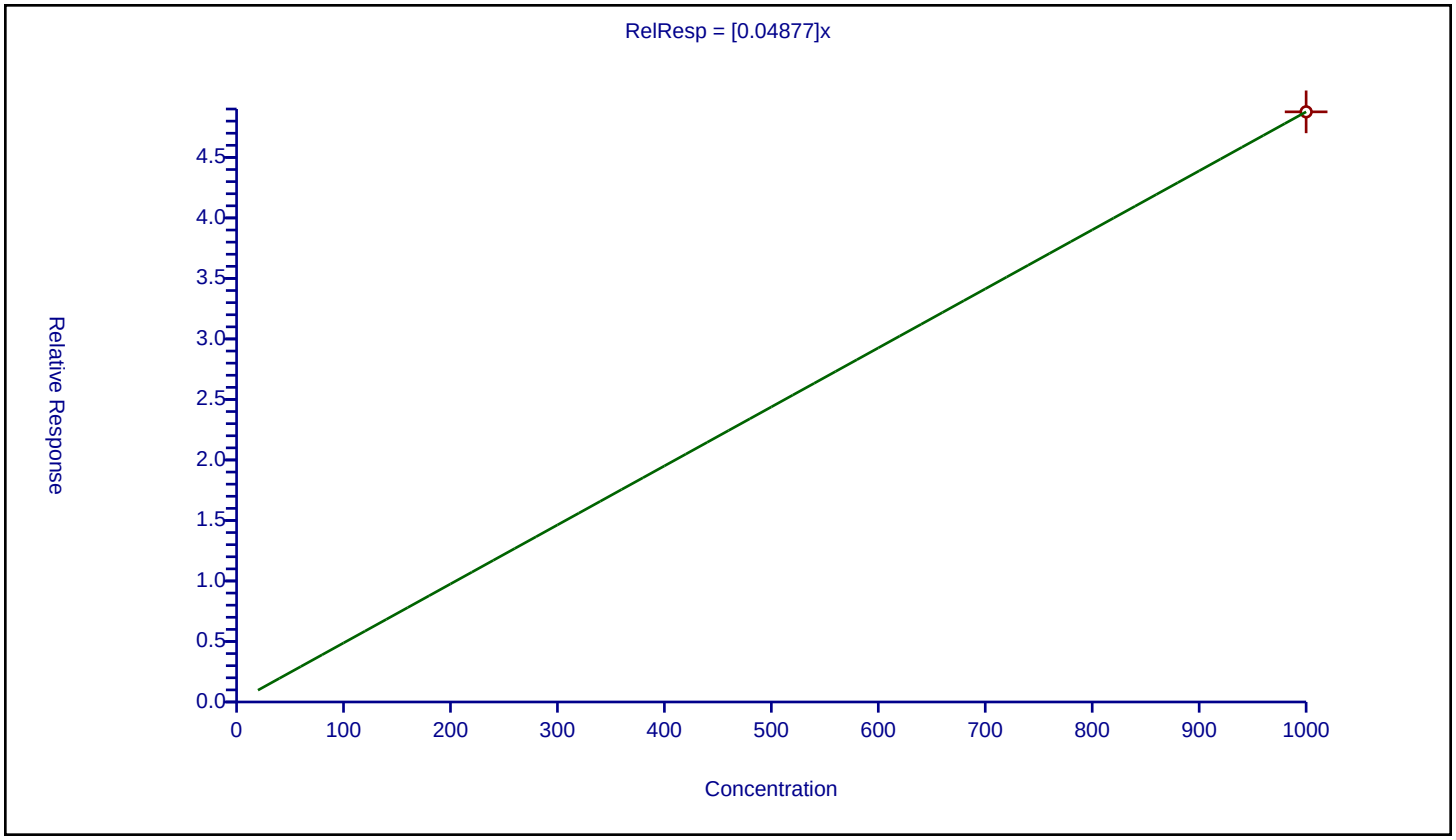
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04877 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 48.767306 | 20.0 | 171502457.0 | 0.048767 | Y |



## Calibration / PCB-1262 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

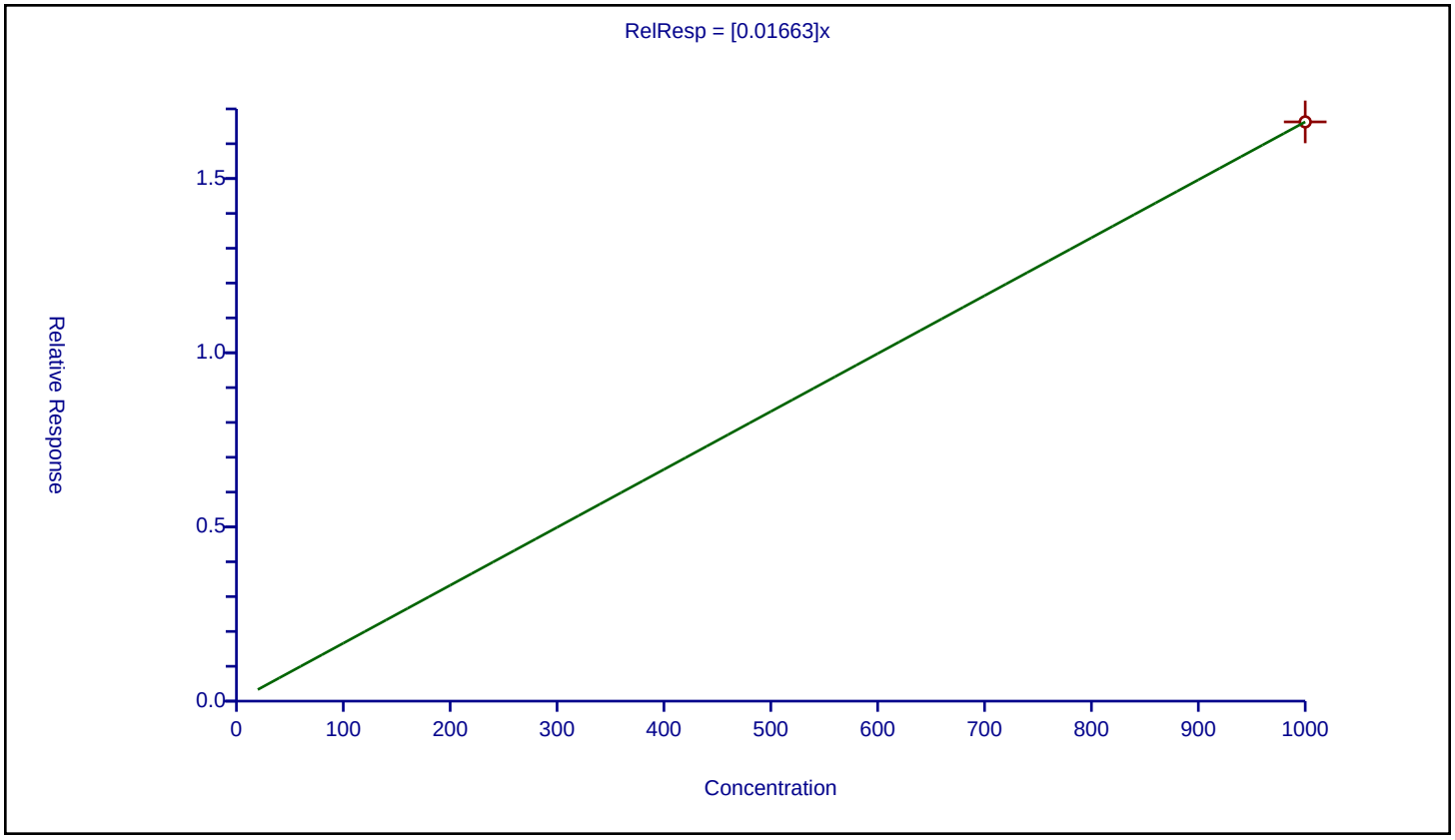
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.01663 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/13 | 1000.0 | 16.62656 | 20.0 | 171502457.0 | 0.016627 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:24 Calibration End Date: 10/23/2024 13:24 Calibration ID: 98979

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/14 | 14F0008291.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1268 Peak 1 | 0.0265 | | | | | Ave | | 0.0265 | | | | | | 20.0 | | | |
| PCB-1268 Peak 2 | 0.0317 | | | | | Ave | | 0.0317 | | | | | | 20.0 | | | |
| PCB-1268 Peak 3 | 0.1366 | | | | | Ave | | 0.1366 | | | | | | 20.0 | | | |
| PCB-1268 Peak 4 | 0.1262 | | | | | Ave | | 0.1262 | | | | | | 20.0 | | | |
| PCB-1268 Peak 5 | 0.1048 | | | | | Ave | | 0.1048 | | | | | | 20.0 | | | |
| PCB-1268 Peak 6 | 0.0270 | | | | | Ave | | 0.0270 | | | | | | 20.0 | | | |
| PCB-1268 Peak 7 | 0.0438 | | | | | Ave | | 0.0438 | | | | | | 20.0 | | | |
| PCB-1268 Peak 8 | 0.3461 | | | | | Ave | | 0.3461 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:24 | Calibration End Date: 10/23/2024 13:24 | Calibration ID: 98979

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/14 | 14F0008291.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1268 Peak 1 | BNB | Ave | 106674502 | | | | | 1000 | | | | |
| PCB-1268 Peak 2 | BNB | Ave | 127687165 | | | | | 1000 | | | | |
| PCB-1268 Peak 3 | BNB | Ave | 549480884 | | | | | 1000 | | | | |
| PCB-1268 Peak 4 | BNB | Ave | 507970079 | | | | | 1000 | | | | |
| PCB-1268 Peak 5 | BNB | Ave | 421659535 | | | | | 1000 | | | | |
| PCB-1268 Peak 6 | BNB | Ave | 108631822 | | | | | 1000 | | | | |
| PCB-1268 Peak 7 | BNB | Ave | 176388468 | | | | | 1000 | | | | |
| PCB-1268 Peak 8 | BNB | Ave | 1392436715 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 13:24:19 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-014
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:57 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:49:40

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 80471393 | 20.0 | 20.0 | M |
| 2 | 1.963 | 1.963 | 0.000 | 179336667 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 10 PCB-1268 | | | | | | | M |
| 1 | 9.641 | 9.641 | 0.000 | 106674502 | 1000.0 | 1000.0 | M |
| 1 | 10.073 | 10.073 | 0.000 | 127687165 | 1000.0 | 1000.0 | M |
| 1 | 10.781 | 10.781 | 0.000 | 549480884 | 1000.0 | 1000.0 | M |
| 1 | 10.828 | 10.828 | 0.000 | 507970079 | 1000.0 | 1000.0 | M |
| 1 | 11.086 | 11.086 | 0.000 | 421659535 | 1000.0 | 1000.0 | M |
| 1 | 11.181 | 11.181 | 0.000 | 108631822 | 1000.0 | 1000.0 | M |
| 1 | 11.354 | 11.354 | 0.000 | 176388468 | 1000.0 | 1000.0 | M |
| 1 | 11.656 | 11.656 | 0.000 | 1392436715 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 7.436 | 7.436 | 0.000 | 259359808 | 1000.0 | 1000.0 | |
| 2 | 7.873 | 7.873 | 0.000 | 331366946 | 1000.0 | 1000.0 | |
| 2 | 9.141 | 9.141 | 0.000 | 1668384129 | 1000.0 | 1000.0 | M |
| 2 | 9.223 | 9.223 | 0.000 | 1532376628 | 1000.0 | 1000.0 | M |
| 2 | 9.603 | 9.603 | 0.000 | 1258306490 | 1000.0 | 1000.0 | M |
| 2 | 9.731 | 9.731 | 0.000 | 318446663 | 1000.0 | 1000.0 | M |
| 2 | 10.095 | 10.095 | 0.000 | 493717257 | 1000.0 | 1000.0 | |
| 2 | 10.443 | 10.443 | 0.000 | 4154134469 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1268L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

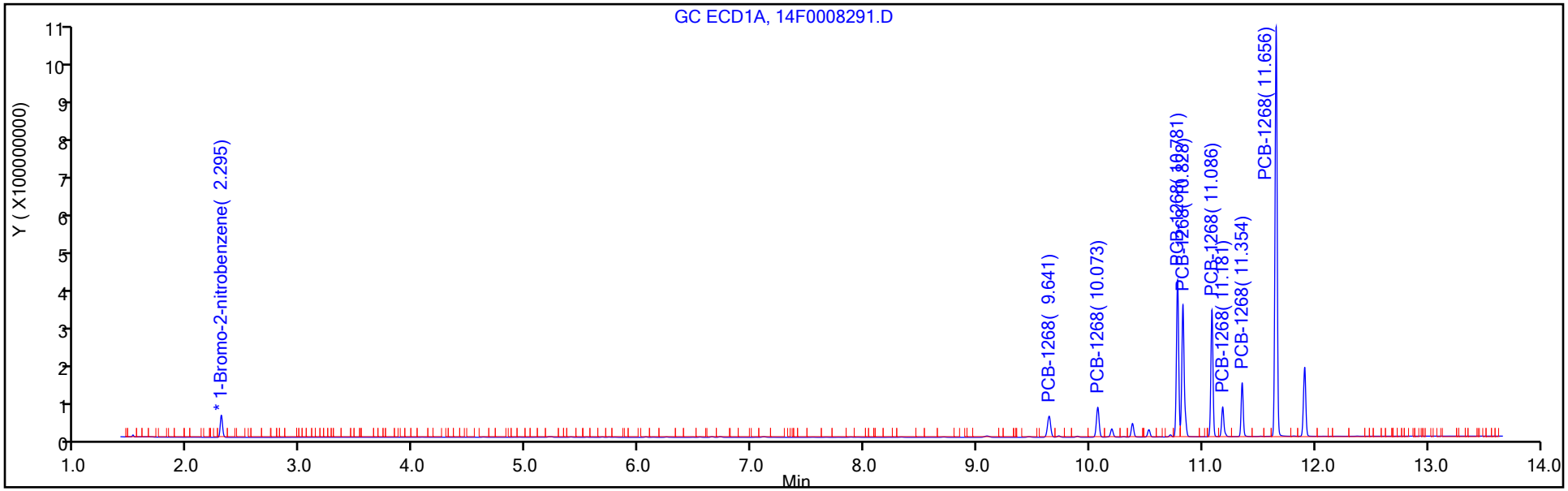
Report Date: 23-Oct-2024 14:02:58 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

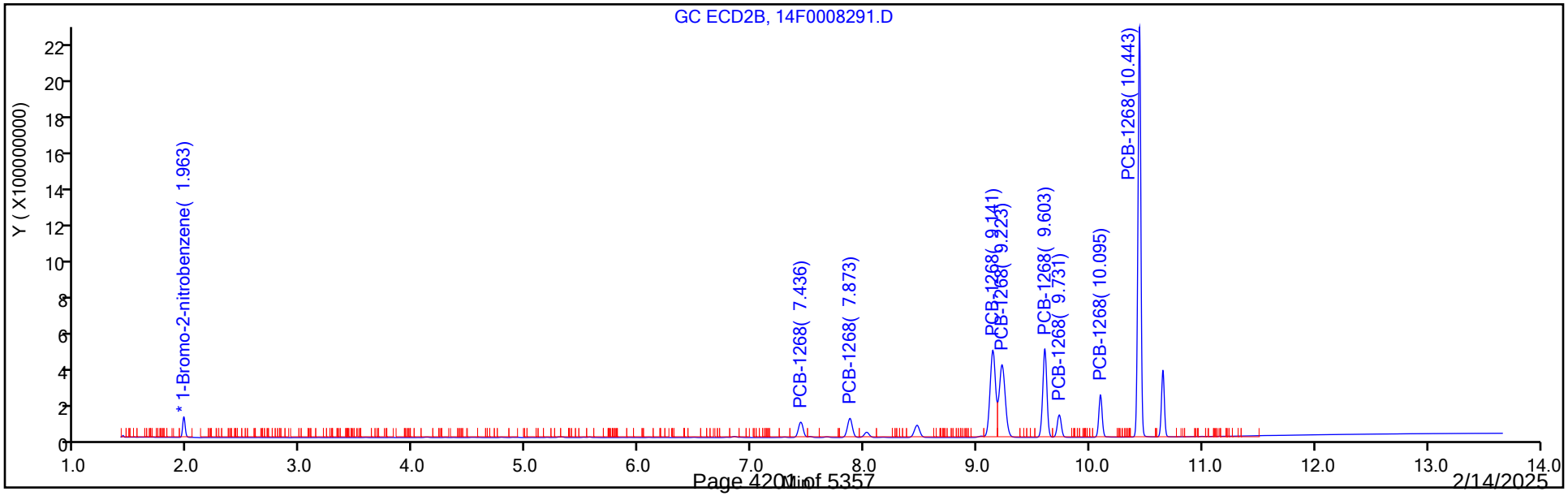
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 13:24:19 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1268 | | | Worklist Smp#: | 14 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

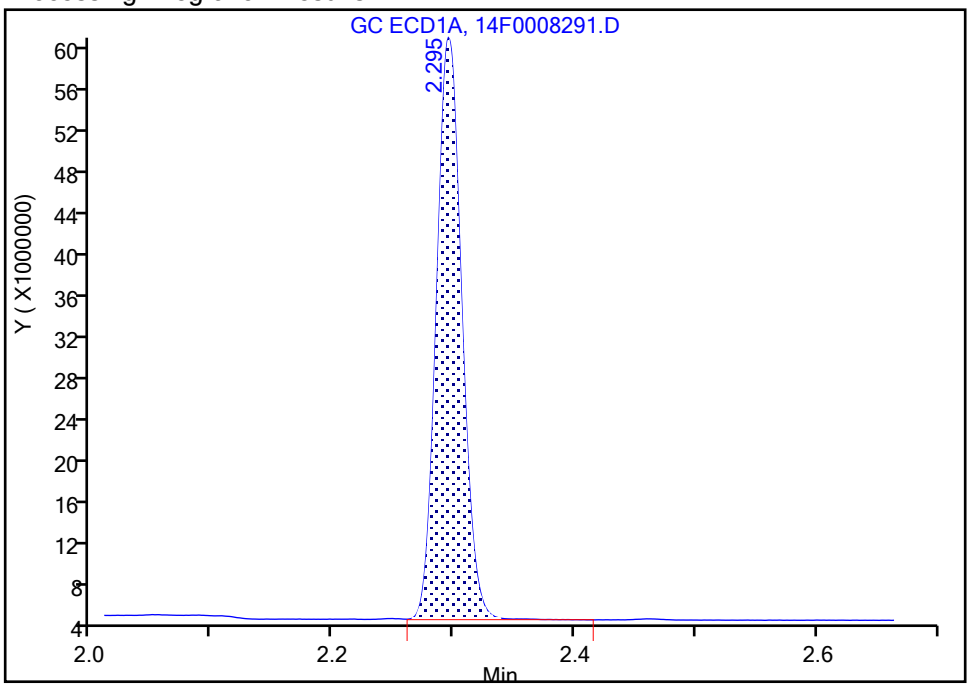
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D
Injection Date: 23-Oct-2024 13:24:19 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## * 13 1-Bromo-2-nitrobenzene, CAS: 577-19-5

Signal: 1

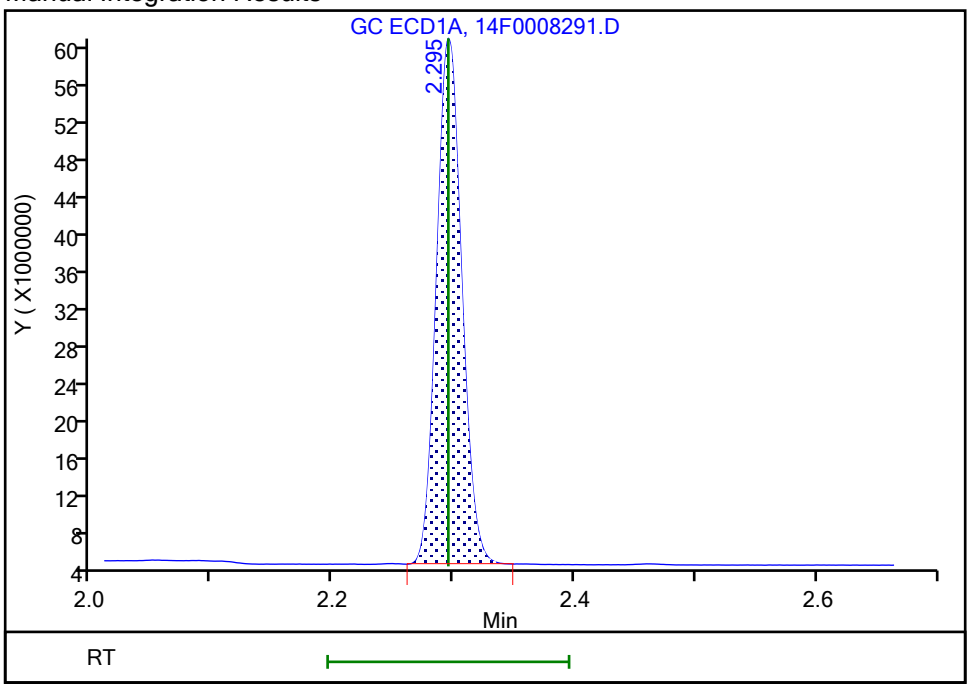
Processing Integration Results

RT: 2.30
Area: 80607151
Amount: 20.000000
Amount Units: ug/l




Manual Integration Results

RT: 2.30
Area: 80471393
Amount: 20.000000
Amount Units: ug/l



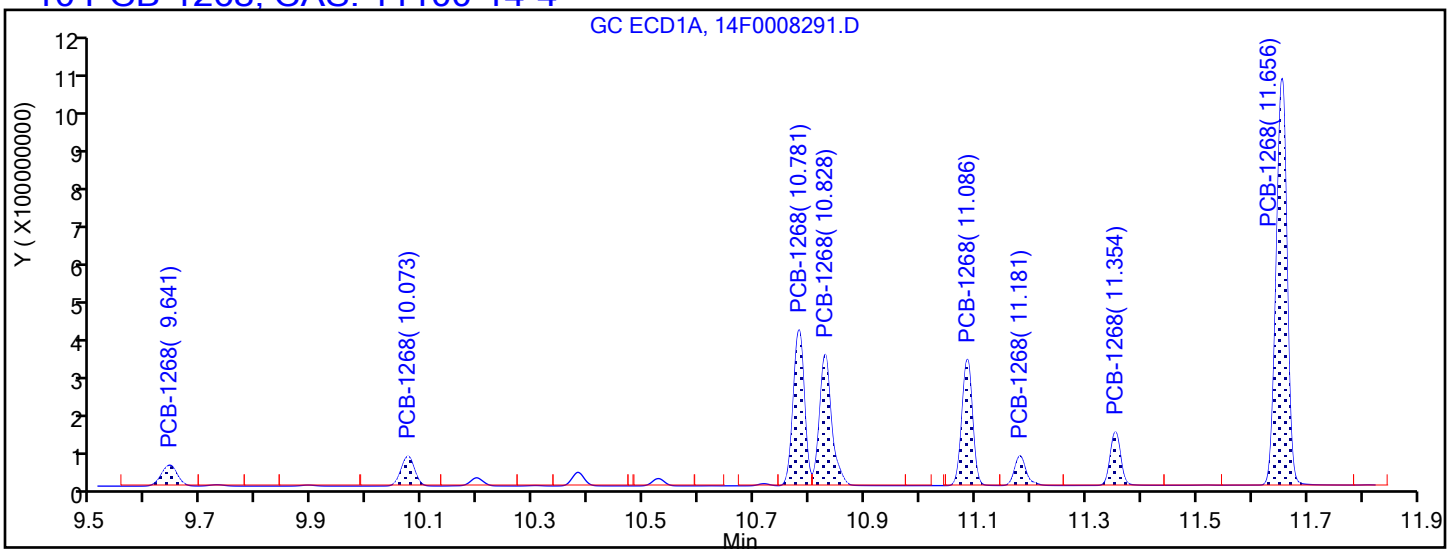

Reviewer: OR9X, 23-Oct-2024 13:59:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline Smoothing

Report Date: 23-Oct-2024 14:02:58 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

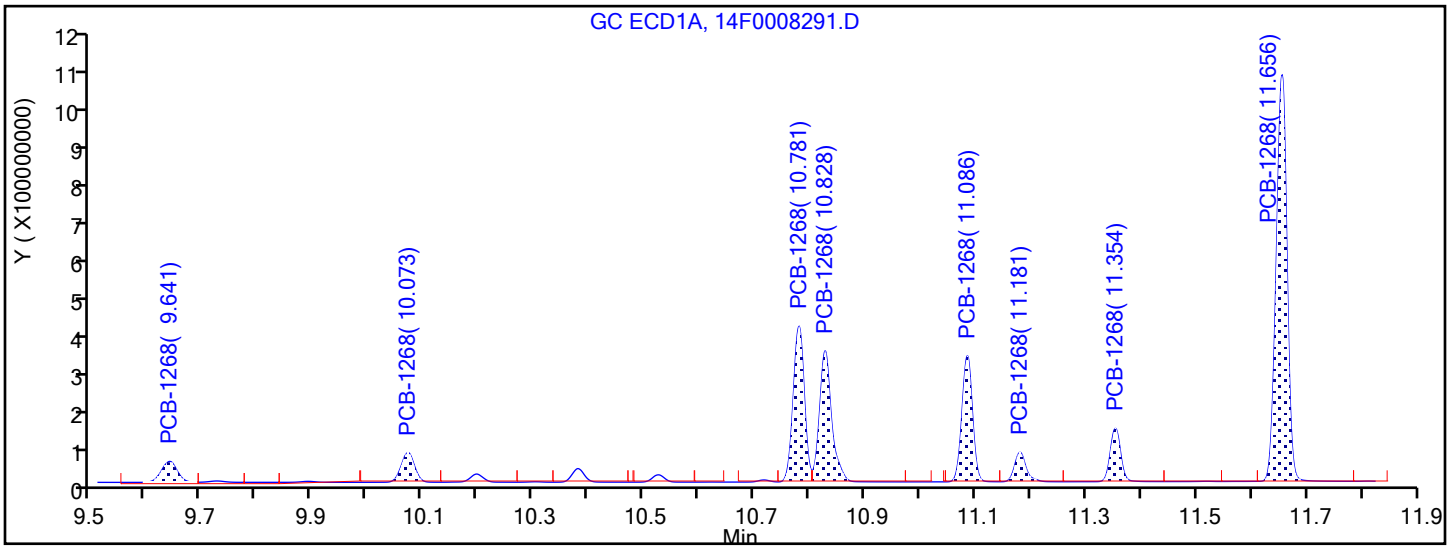
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D
Injection Date: 23-Oct-2024 13:24:19 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

10 PCB-1268, CAS: 11100-14-4




Processing Integration Results

| | |
|---|---|
| 9.641 | Response = 106306124 |
| 10.073 | Response = 127257976 |
| 10.781 | Response = 548879962 |
| 10.828 | Response = 506868906 |
| 11.086 | Response = 421032217 |
| 11.181 | Response = 108084531 |
| 11.354 | Response = 177191661 |
| 11.656 | Response = 1398555191 |




Manual Integration Results

| | | |
|---|---|---|
| 9.641 | Response = 106674502 | M |
| 10.073 | Response = 127687165 | M |
| 10.781 | Response = 549480884 | M |
| 10.828 | Response = 507970079 | M |
| 11.086 | Response = 421659535 | M |
| 11.181 | Response = 108631822 | M |

## Calibration / PCB-1268 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

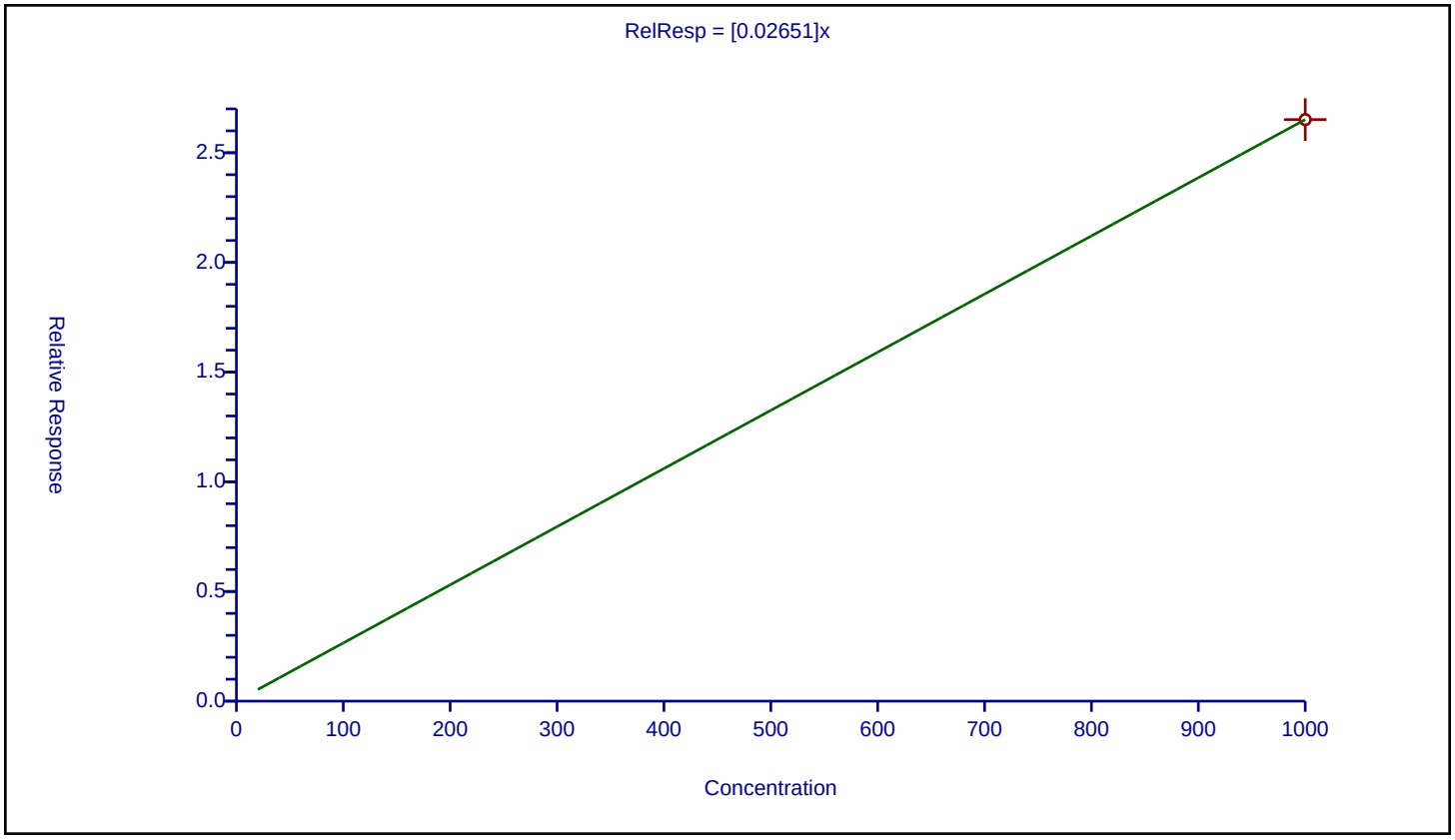
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02651 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 26.512403 | 20.0 | 80471393.0 | 0.026512 | Y |



## Calibration / PCB-1268 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

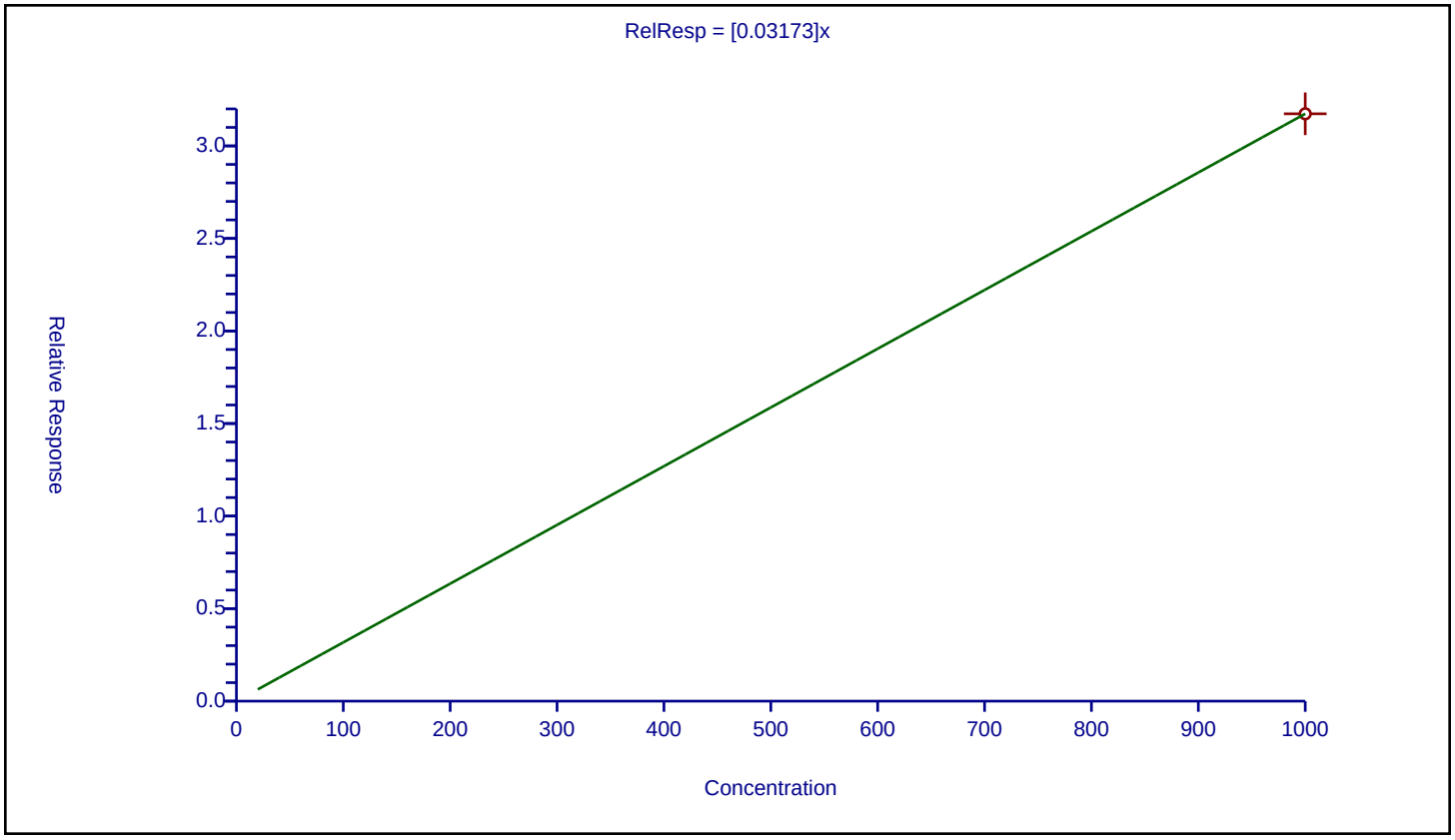
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03173 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 31.734797 | 20.0 | 80471393.0 | 0.031735 | Y |



## Calibration / PCB-1268 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

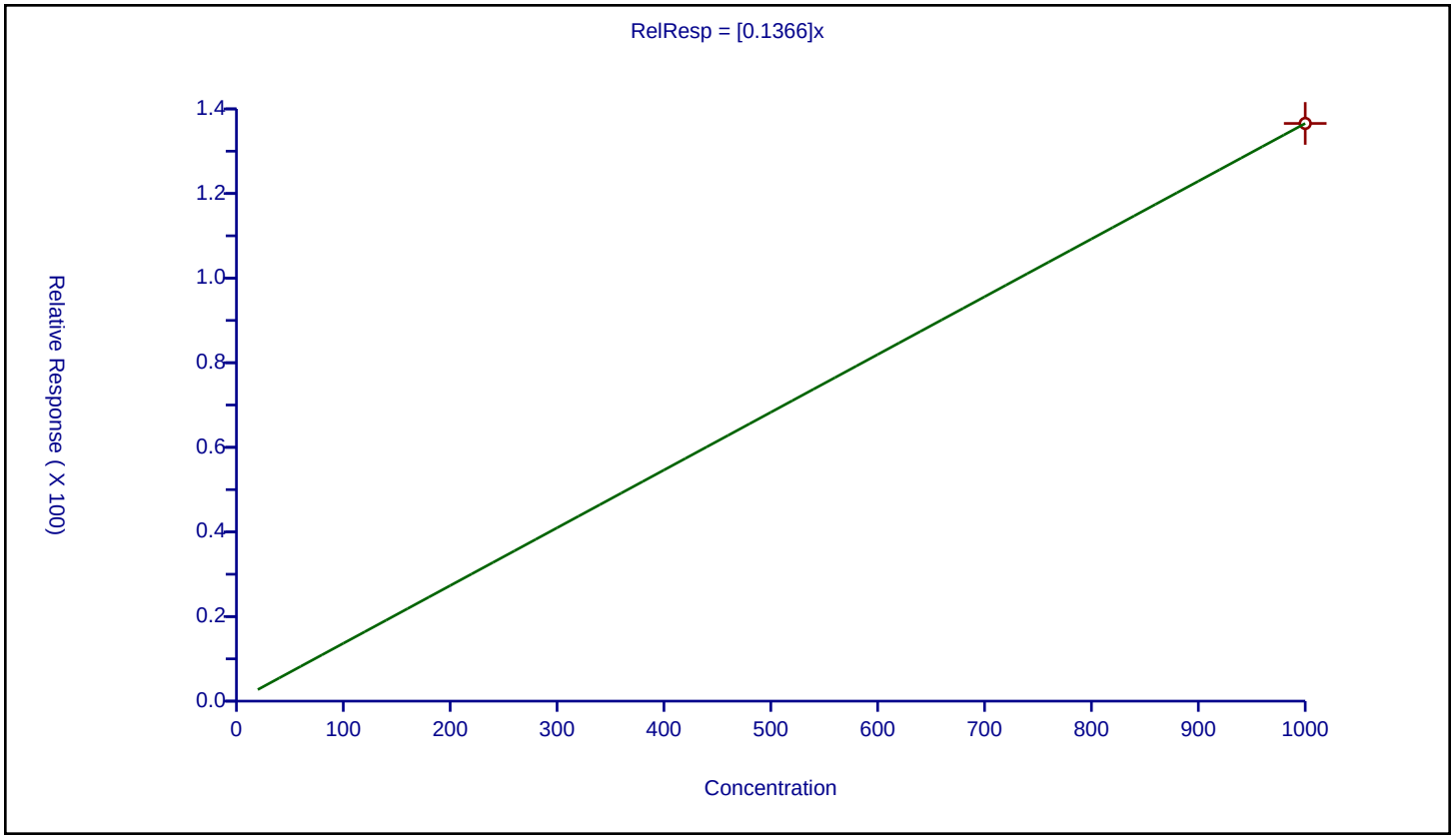
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1366 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 136.565521 | 20.0 | 80471393.0 | 0.136566 | Y |



## Calibration / PCB-1268 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

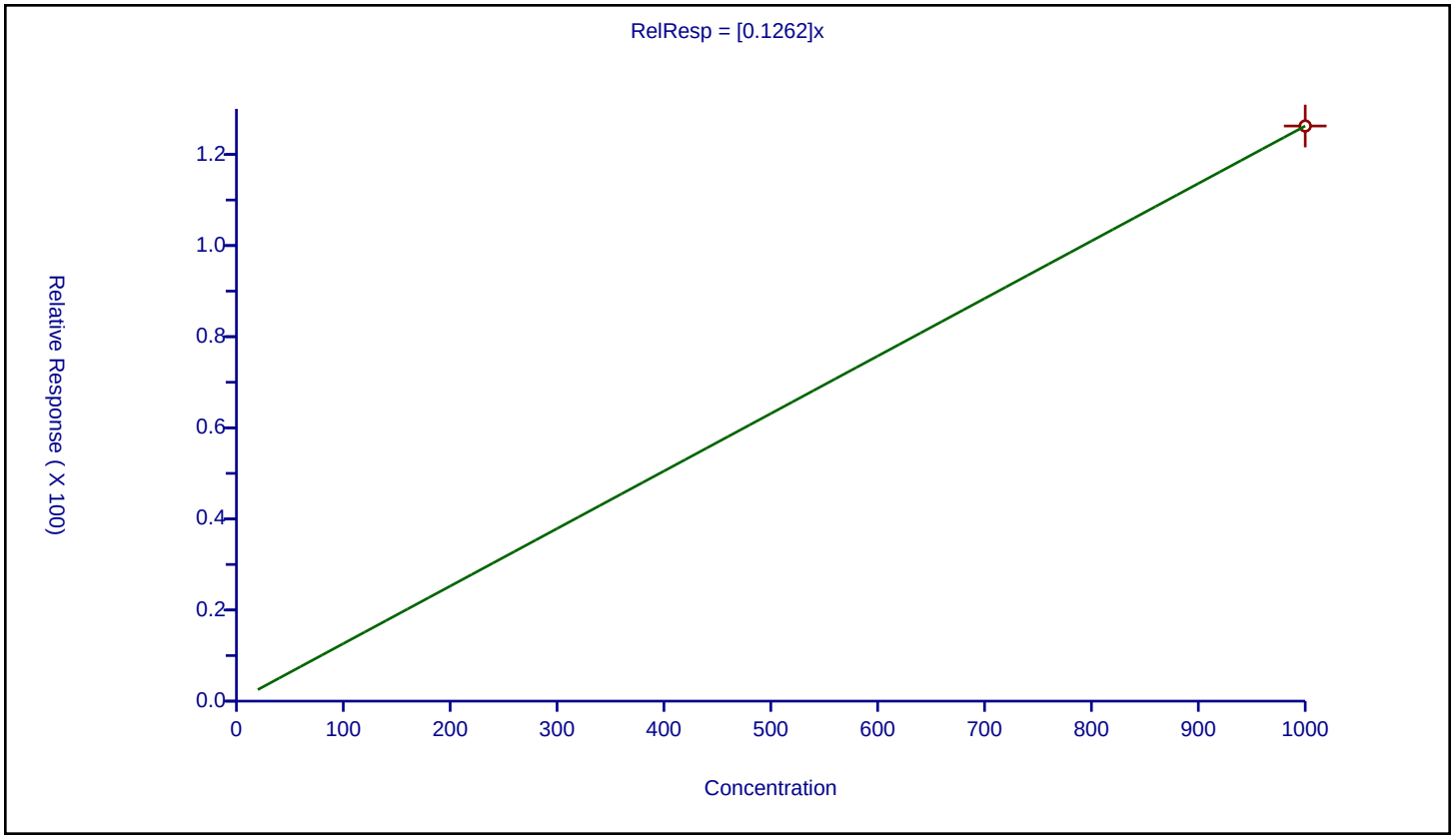
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1262 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 126.248611 | 20.0 | 80471393.0 | 0.126249 | Y |



## Calibration / PCB-1268 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

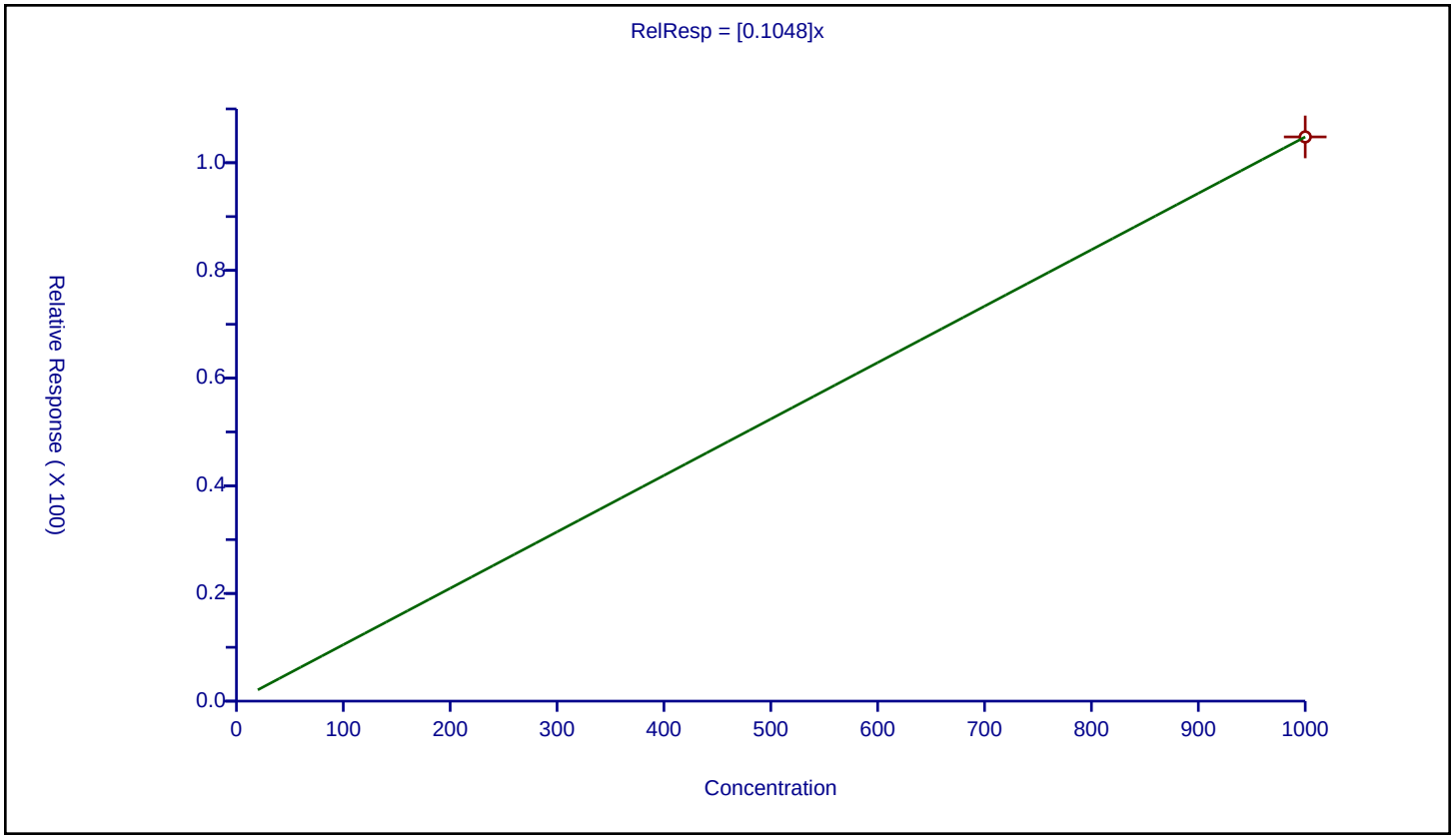
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1048 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 104.797374 | 20.0 | 80471393.0 | 0.104797 | Y |



## Calibration / PCB-1268 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

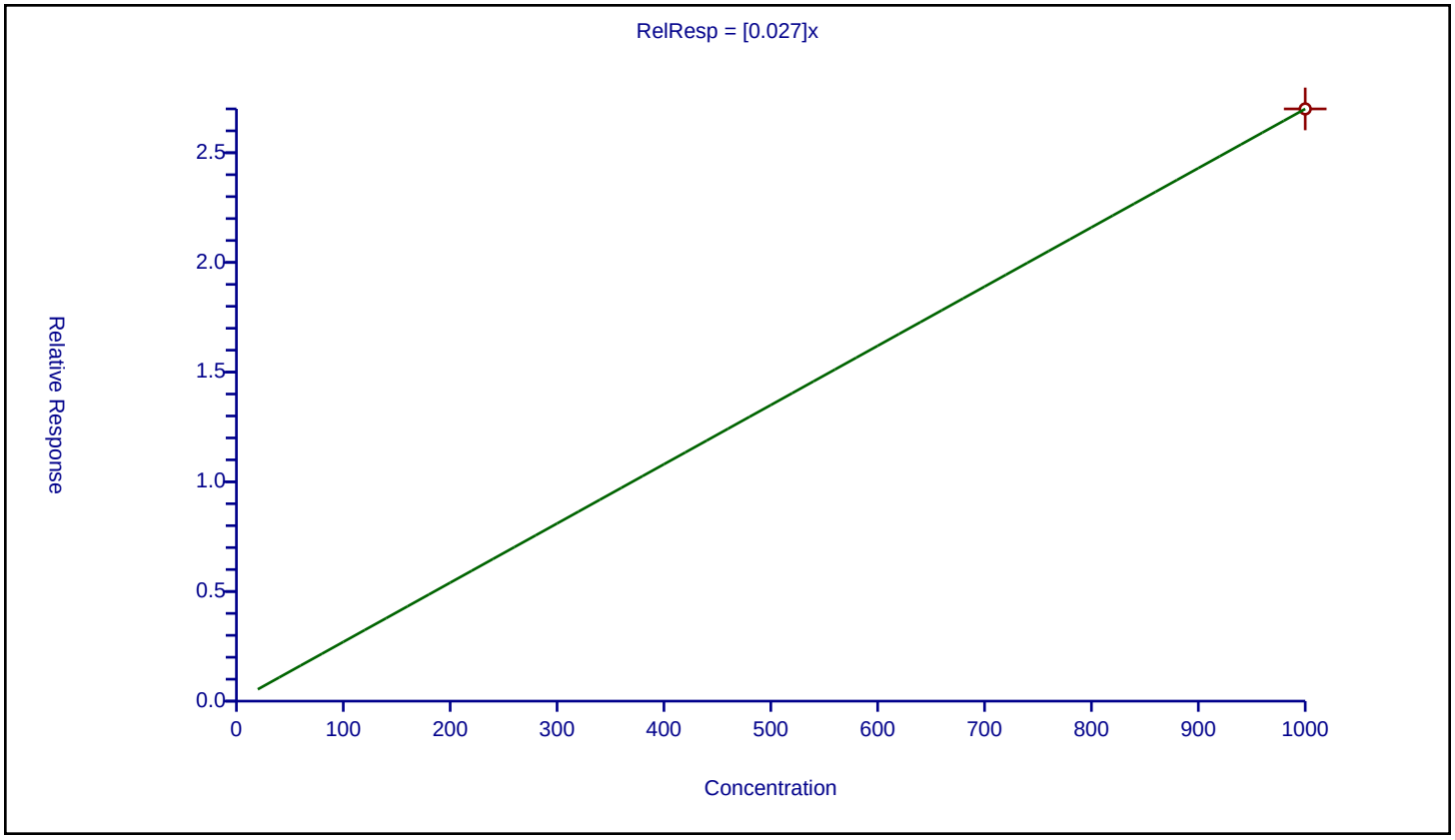
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.027 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 26.998867 | 20.0 | 80471393.0 | 0.026999 | Y |



## Calibration / PCB-1268 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

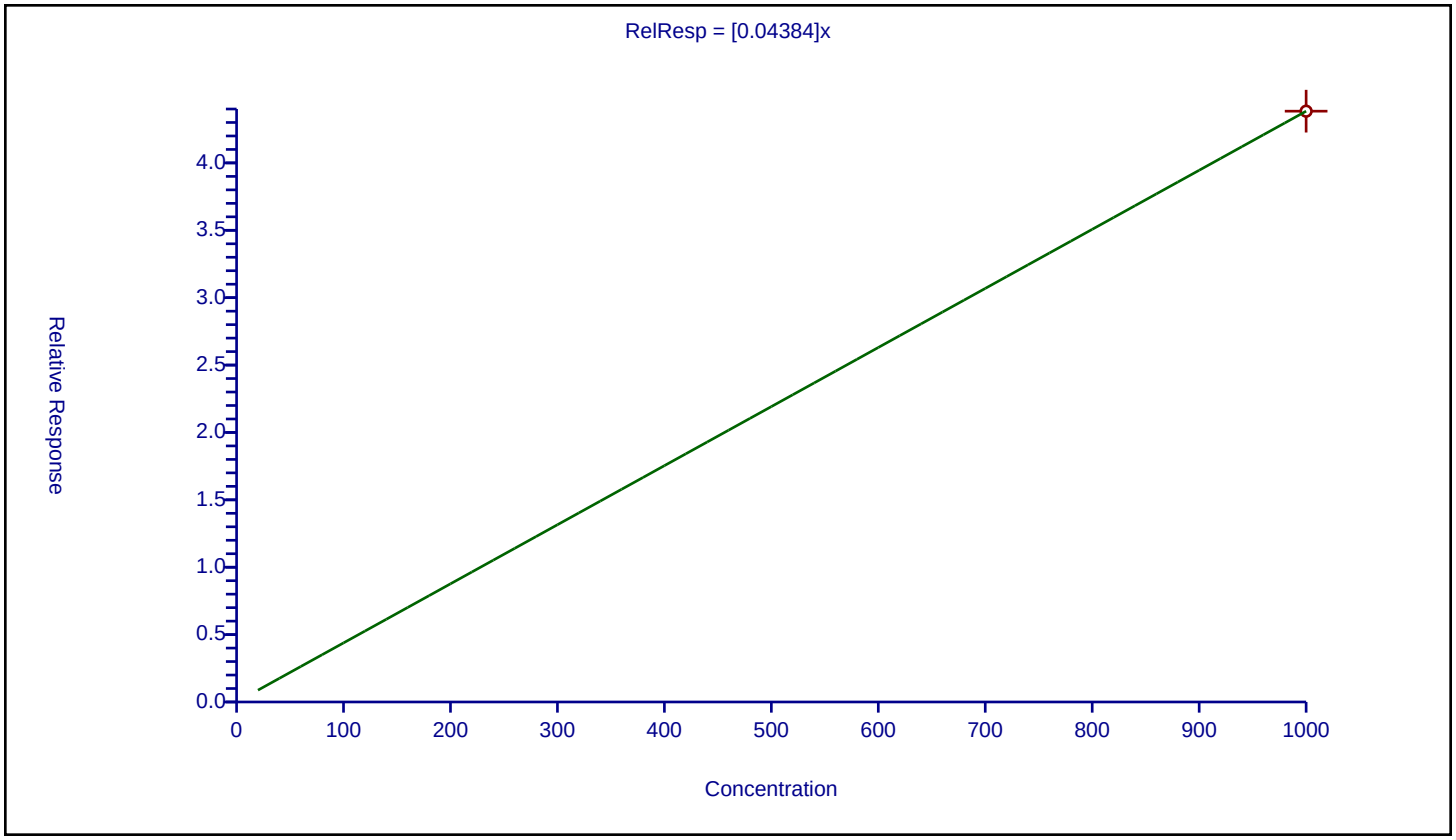
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.04384 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 43.838801 | 20.0 | 80471393.0 | 0.043839 | Y |



## Calibration / PCB-1268 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

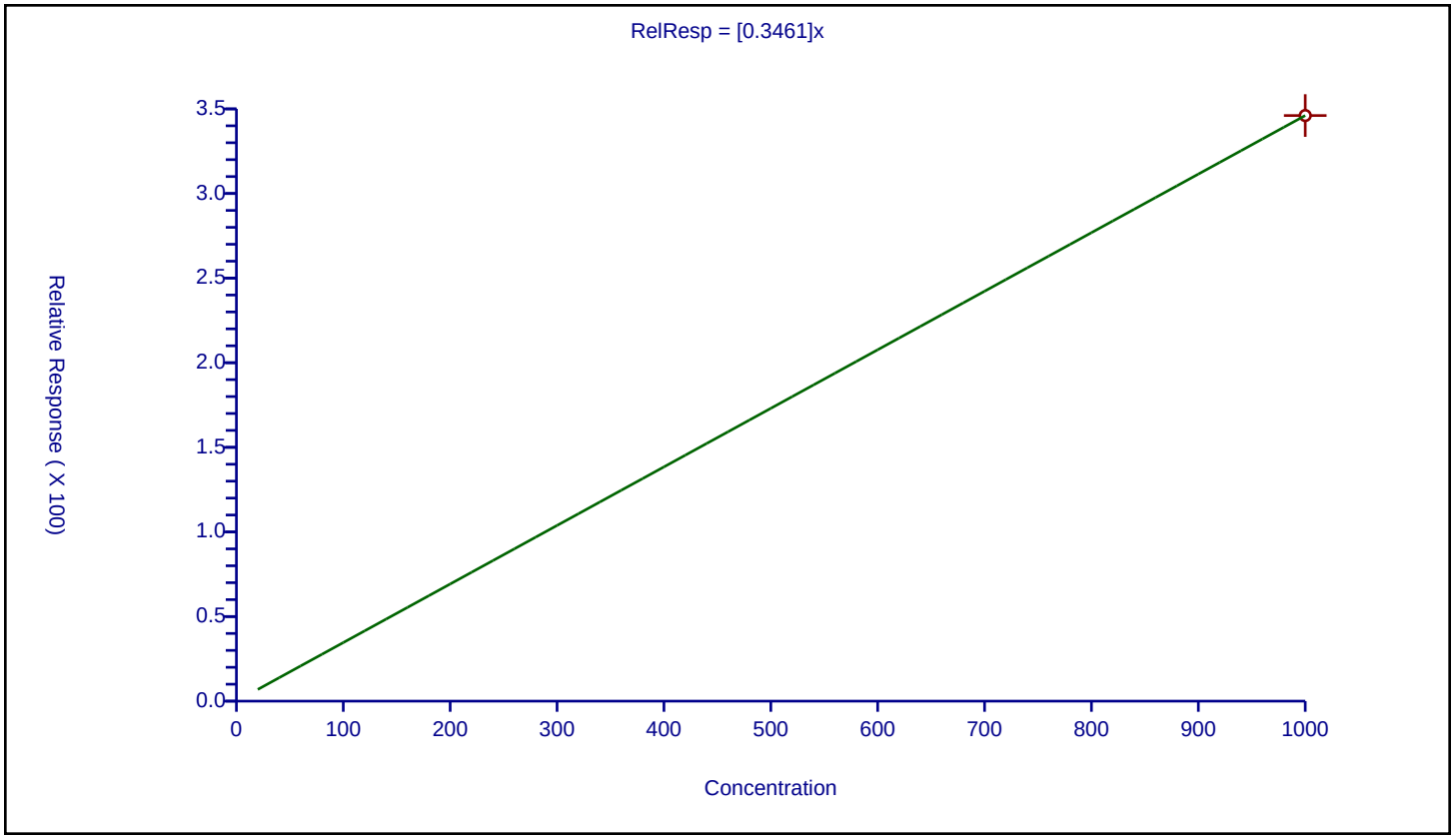
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3461 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 346.069992 | 20.0 | 80471393.0 | 0.34607 | Y |



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-319954-1 Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:24 Calibration End Date: 10/23/2024 13:24 Calibration ID: 98980

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/14 | 14F0008291.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 | | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1268 Peak 1 | 0.0289 | | | | | Ave | | 0.0289 | | | | | | 20.0 | | | |
| PCB-1268 Peak 2 | 0.0370 | | | | | Ave | | 0.0370 | | | | | | 20.0 | | | |
| PCB-1268 Peak 3 | 0.1861 | | | | | Ave | | 0.1861 | | | | | | 20.0 | | | |
| PCB-1268 Peak 4 | 0.1709 | | | | | Ave | | 0.1709 | | | | | | 20.0 | | | |
| PCB-1268 Peak 5 | 0.1403 | | | | | Ave | | 0.1403 | | | | | | 20.0 | | | |
| PCB-1268 Peak 6 | 0.0355 | | | | | Ave | | 0.0355 | | | | | | 20.0 | | | |
| PCB-1268 Peak 7 | 0.0551 | | | | | Ave | | 0.0551 | | | | | | 20.0 | | | |
| PCB-1268 Peak 8 | 0.4633 | | | | | Ave | | 0.4633 | | | | | | 20.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-319954-1 | Analy Batch No.: 1002996

SDG No.:

Instrument ID: CPESTGC14 | GC Column: CLP-2 | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/23/2024 13:24 | Calibration End Date: 10/23/2024 13:24 | Calibration ID: 98980

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 460-1002996/14 | 14F0008291.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1268 Peak 1 | BNB | Ave | 259359808 | | | | | 1000 | | | | |
| PCB-1268 Peak 2 | BNB | Ave | 331366946 | | | | | 1000 | | | | |
| PCB-1268 Peak 3 | BNB | Ave | 1668384129 | | | | | 1000 | | | | |
| PCB-1268 Peak 4 | BNB | Ave | 1532376628 | | | | | 1000 | | | | |
| PCB-1268 Peak 5 | BNB | Ave | 1258306490 | | | | | 1000 | | | | |
| PCB-1268 Peak 6 | BNB | Ave | 318446663 | | | | | 1000 | | | | |
| PCB-1268 Peak 7 | BNB | Ave | 493717257 | | | | | 1000 | | | | |
| PCB-1268 Peak 8 | BNB | Ave | 4154134469 | | | | | 1000 | | | | |

Curve Type Legend:
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Oct-2024 13:24:19 ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-014
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:02:57 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 13:49:40

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 2.295 | 2.295 | 0.000 | 80471393 | 20.0 | 20.0 | M |
| 2 | 1.963 | 1.963 | 0.000 | 179336667 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 10 PCB-1268 | | | | | | | M |
| 1 | 9.641 | 9.641 | 0.000 | 106674502 | 1000.0 | 1000.0 | M |
| 1 | 10.073 | 10.073 | 0.000 | 127687165 | 1000.0 | 1000.0 | M |
| 1 | 10.781 | 10.781 | 0.000 | 549480884 | 1000.0 | 1000.0 | M |
| 1 | 10.828 | 10.828 | 0.000 | 507970079 | 1000.0 | 1000.0 | M |
| 1 | 11.086 | 11.086 | 0.000 | 421659535 | 1000.0 | 1000.0 | M |
| 1 | 11.181 | 11.181 | 0.000 | 108631822 | 1000.0 | 1000.0 | M |
| 1 | 11.354 | 11.354 | 0.000 | 176388468 | 1000.0 | 1000.0 | M |
| 1 | 11.656 | 11.656 | 0.000 | 1392436715 | 1000.0 | 1000.0 | M |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| 2 | 7.436 | 7.436 | 0.000 | 259359808 | 1000.0 | 1000.0 | |
| 2 | 7.873 | 7.873 | 0.000 | 331366946 | 1000.0 | 1000.0 | |
| 2 | 9.141 | 9.141 | 0.000 | 1668384129 | 1000.0 | 1000.0 | M |
| 2 | 9.223 | 9.223 | 0.000 | 1532376628 | 1000.0 | 1000.0 | M |
| 2 | 9.603 | 9.603 | 0.000 | 1258306490 | 1000.0 | 1000.0 | M |
| 2 | 9.731 | 9.731 | 0.000 | 318446663 | 1000.0 | 1000.0 | M |
| 2 | 10.095 | 10.095 | 0.000 | 493717257 | 1000.0 | 1000.0 | |
| 2 | 10.443 | 10.443 | 0.000 | 4154134469 | 1000.0 | 1000.0 | |
| | | Average of Peak Amounts = | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

## QC Flag Legend
Processing Flags

Review Flags
M - Manually Integrated

## Reagents:

| | | | | |
|---|---|---|---|---|
| SG1268L4_00036 | Amount Added: | 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: | 20.00 | Units: uL | Run Reagent |

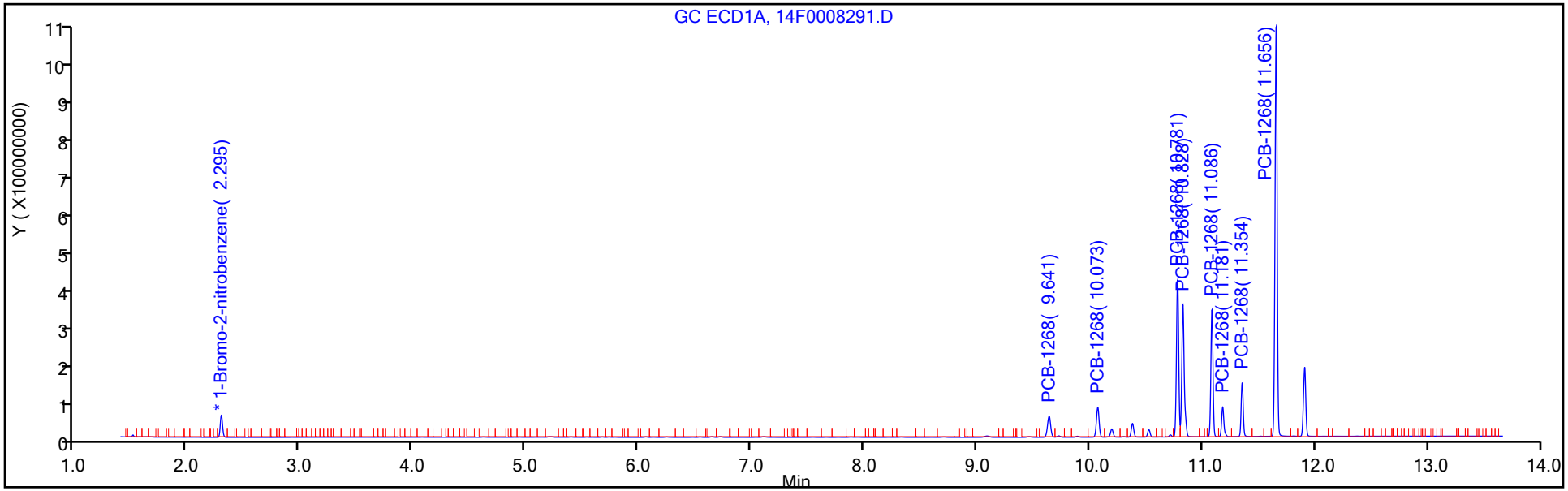
Report Date: 23-Oct-2024 14:02:58 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

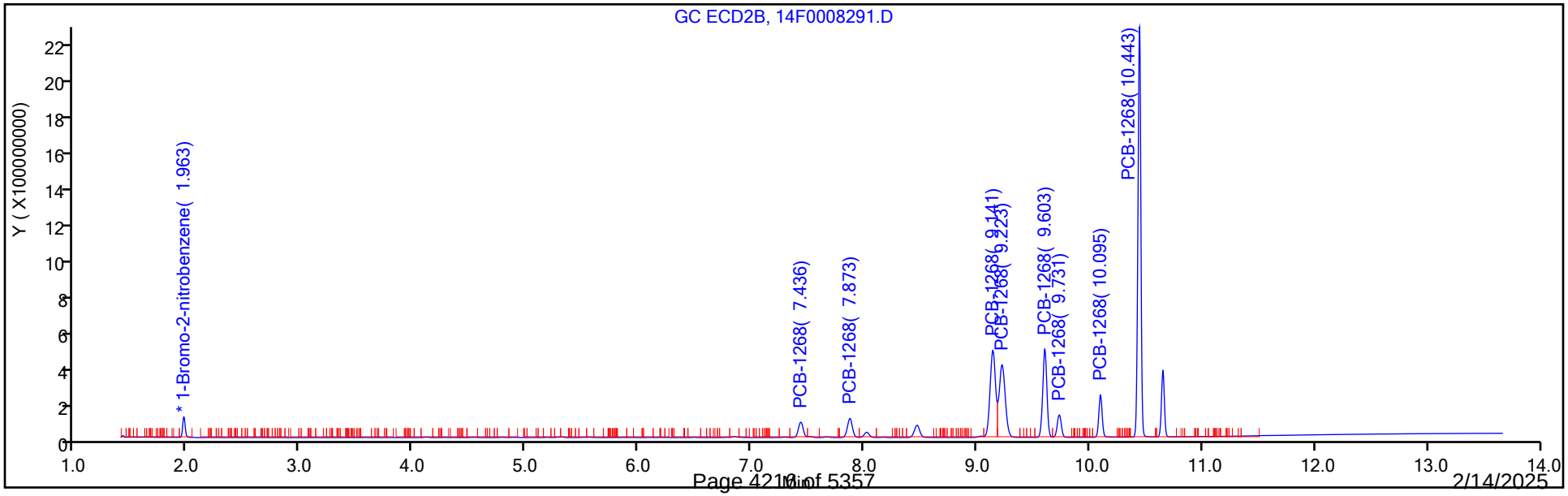
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 23-Oct-2024 13:24:19 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | IC 1268 | | | Worklist Smp#: | 14 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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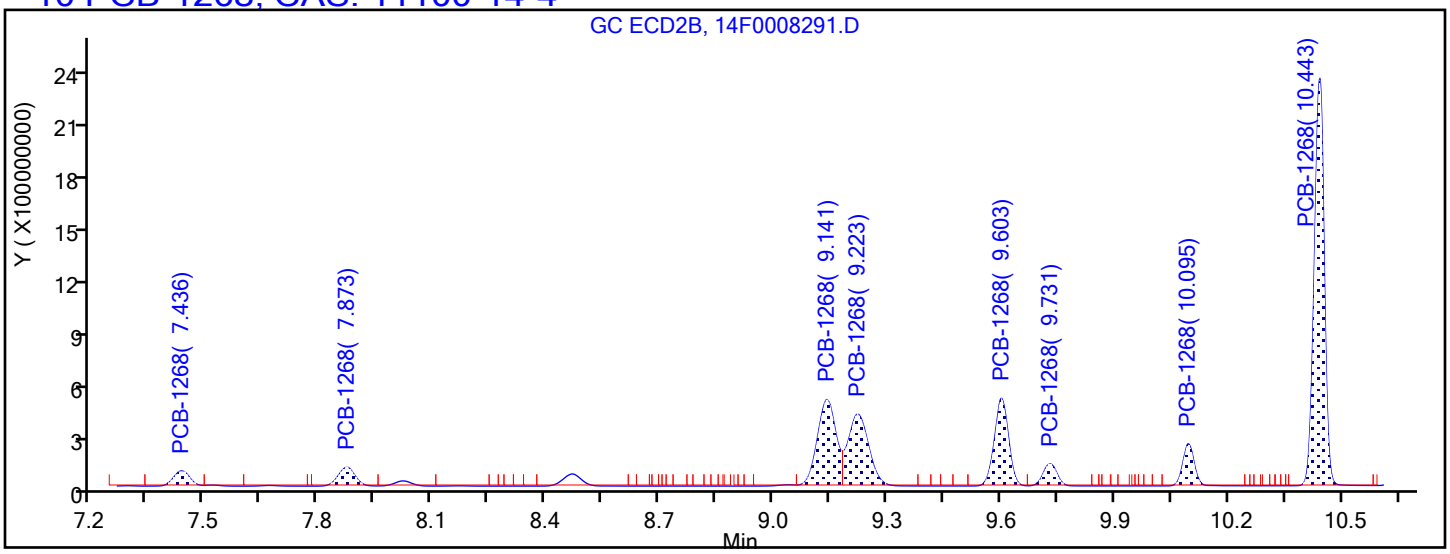
Report Date: 23-Oct-2024 14:02:58 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

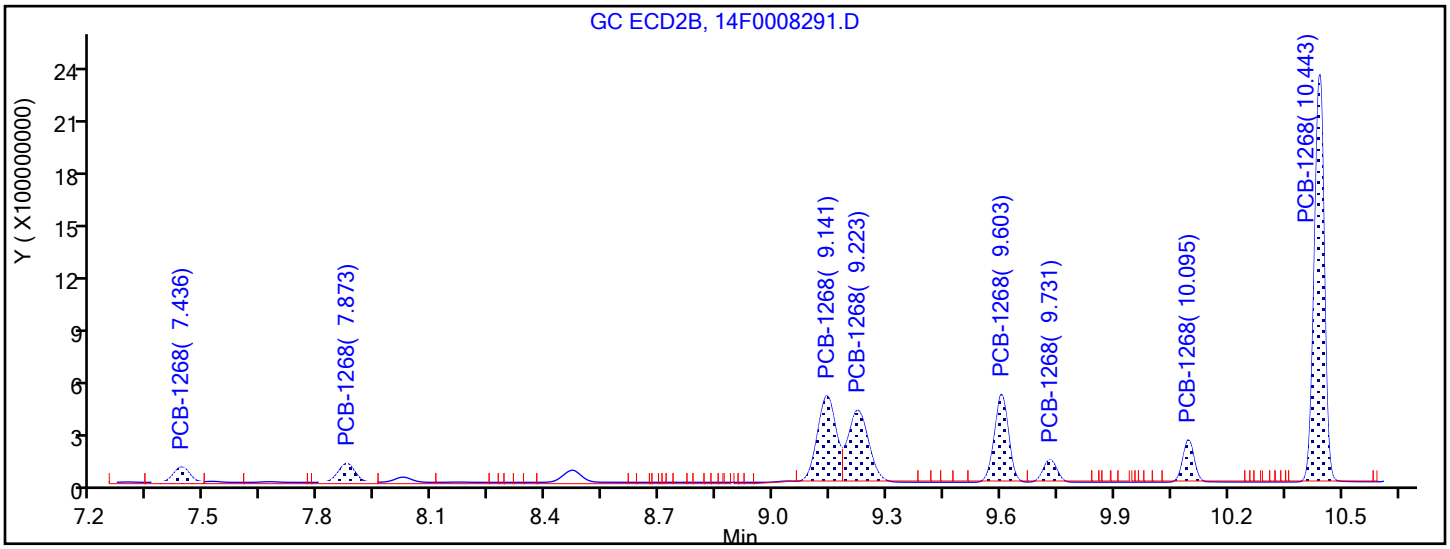
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D
Injection Date: 23-Oct-2024 13:24:19 Instrument ID: CPESTGC14
Lims ID: IC 1268
Client ID:
Operator ID: ALS Bottle#: 17 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

10 PCB-1268, CAS: 11100-14-4




Processing Integration Results

| | |
|---|---|
| 7.436 | Response = 259359808 |
| 7.873 | Response = 331366946 |
| 9.141 | Response = 1667559722 |
| 9.223 | Response = 1530389504 |
| 9.603 | Response = 1256196843 |
| 9.731 | Response = 316077086 |
| 10.095 | Response = 493717257 |
| 10.443 | Response = 4154134469 |




Manual Integration Results

| | | |
|---|---|---|
| 7.436 | Response = 259359808 | |
| 7.873 | Response = 331366946 | |
| 9.141 | Response = 1668384129 | M |
| 9.223 | Response = 1532376628 | M |
| 9.603 | Response = 1258306490 | M |
| 9.731 | Response = 318446663 | M |

## Calibration / PCB-1268 Peak 1

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

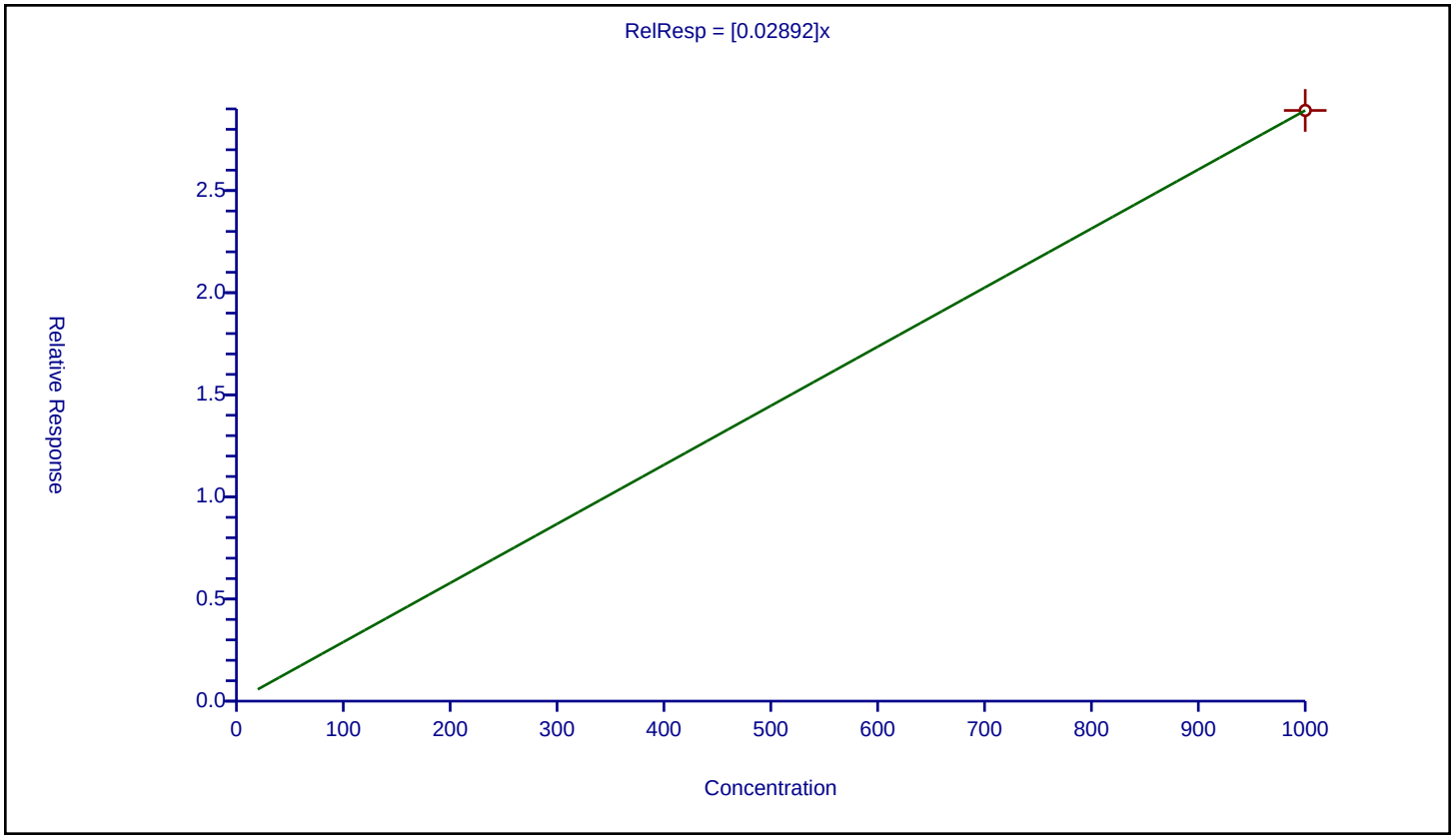
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.02892 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 28.924348 | 20.0 | 179336667.0 | 0.028924 | Y |



## Calibration / PCB-1268 Peak 2

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

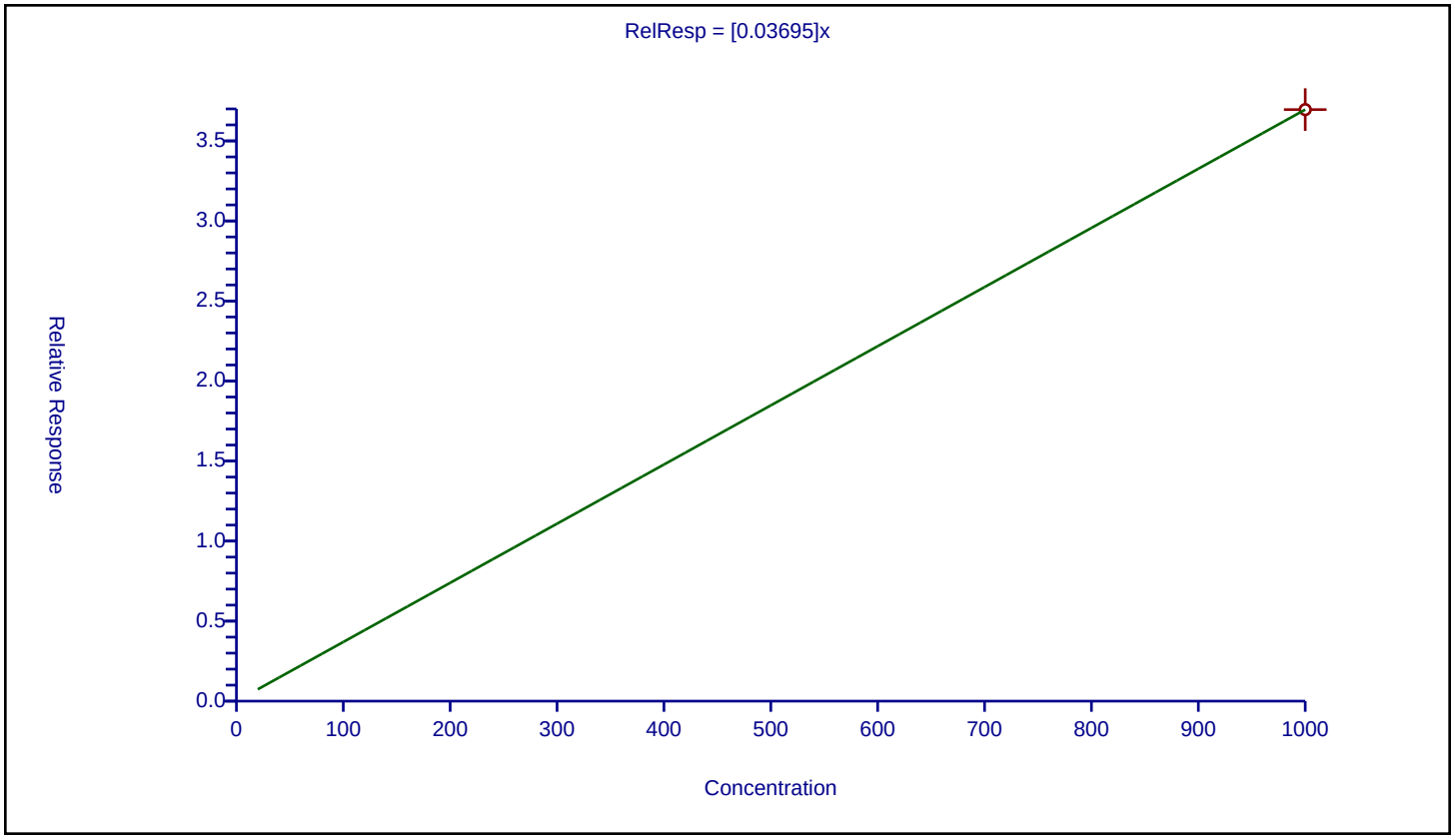
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03695 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 36.954735 | 20.0 | 179336667.0 | 0.036955 | Y |



## Calibration / PCB-1268 Peak 3

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

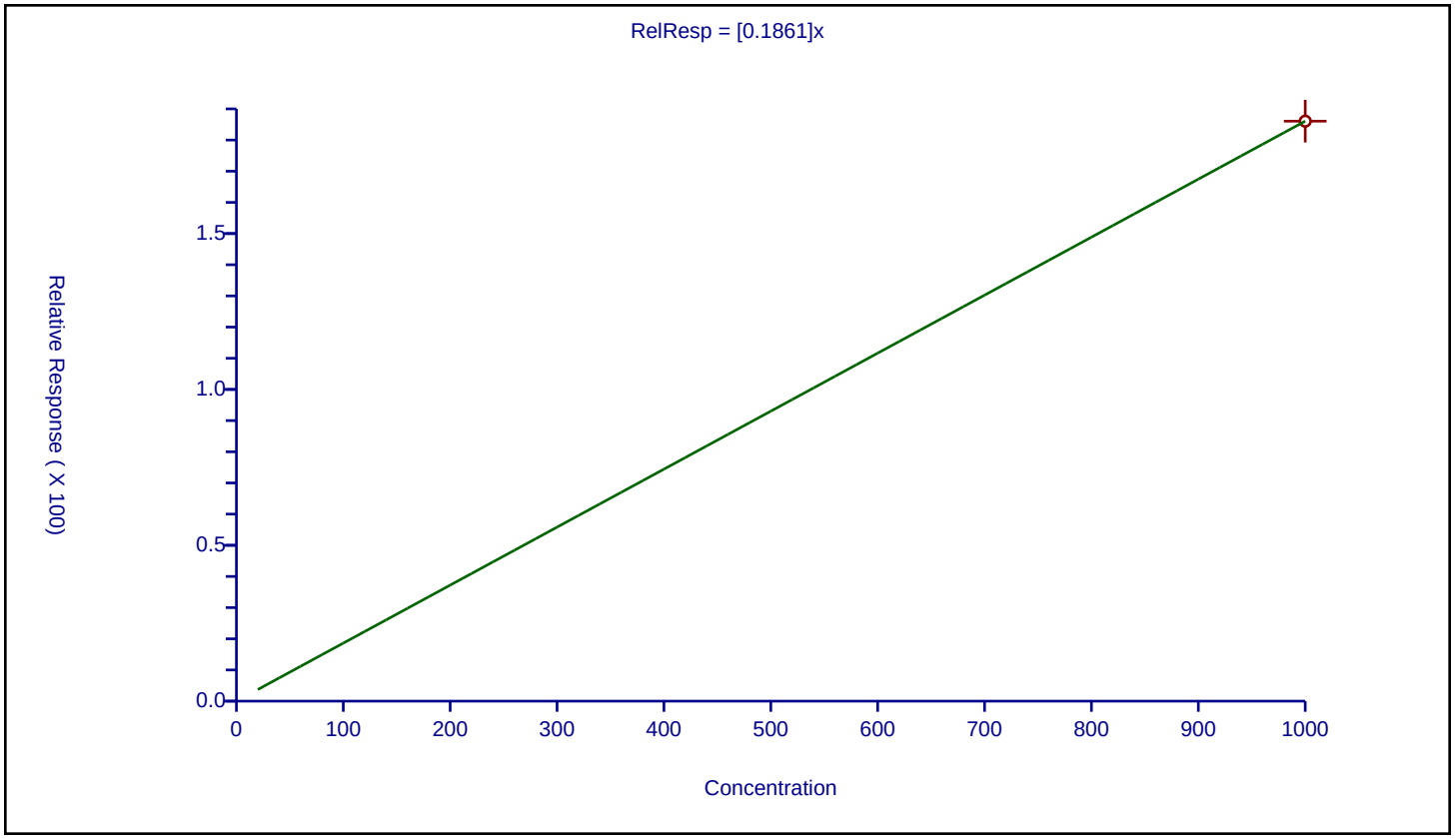
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1861 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 186.061686 | 20.0 | 179336667.0 | 0.186062 | Y |



## Calibration / PCB-1268 Peak 4

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

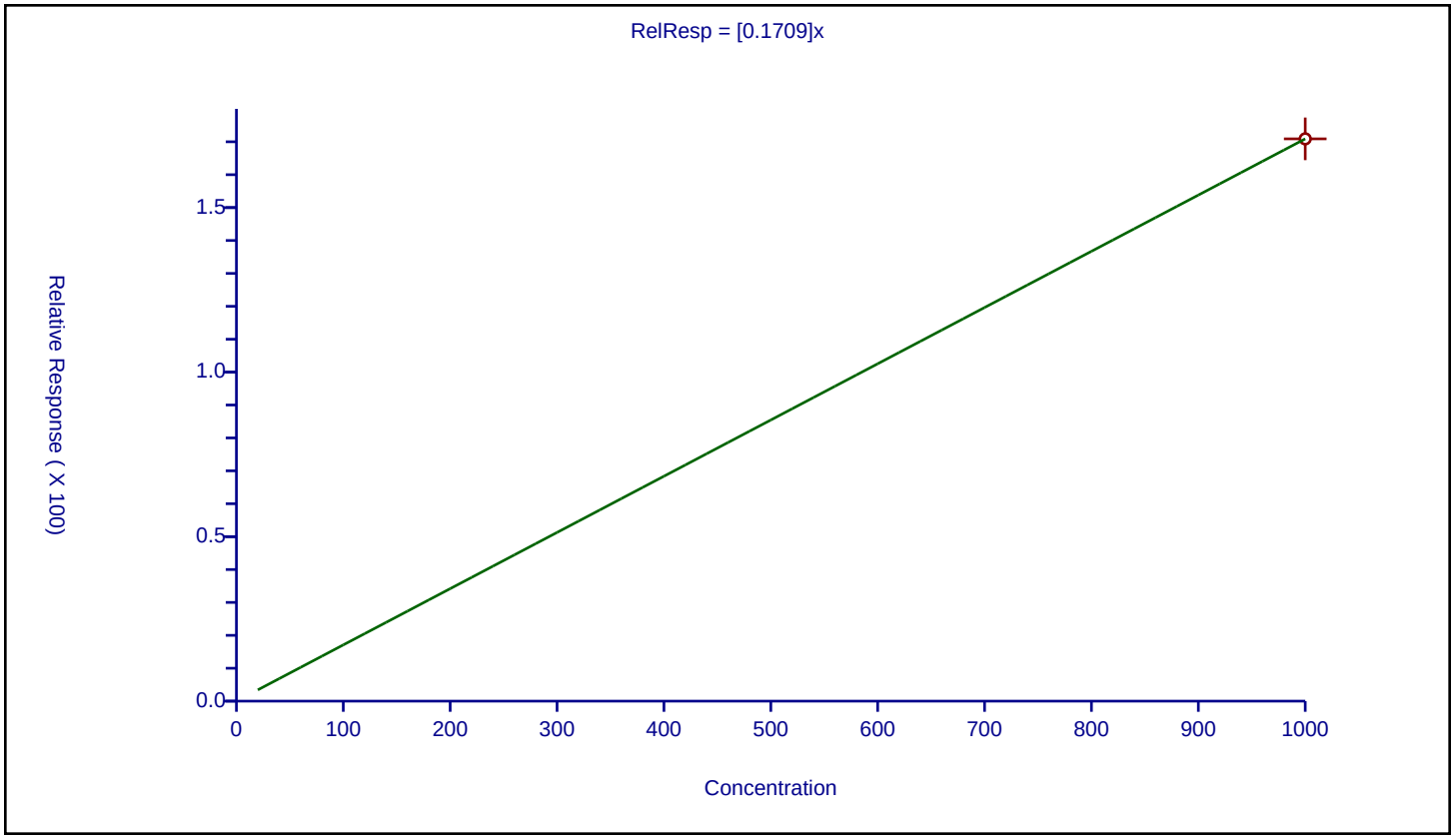
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1709 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 170.893845 | 20.0 | 179336667.0 | 0.170894 | Y |



## Calibration / PCB-1268 Peak 5

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

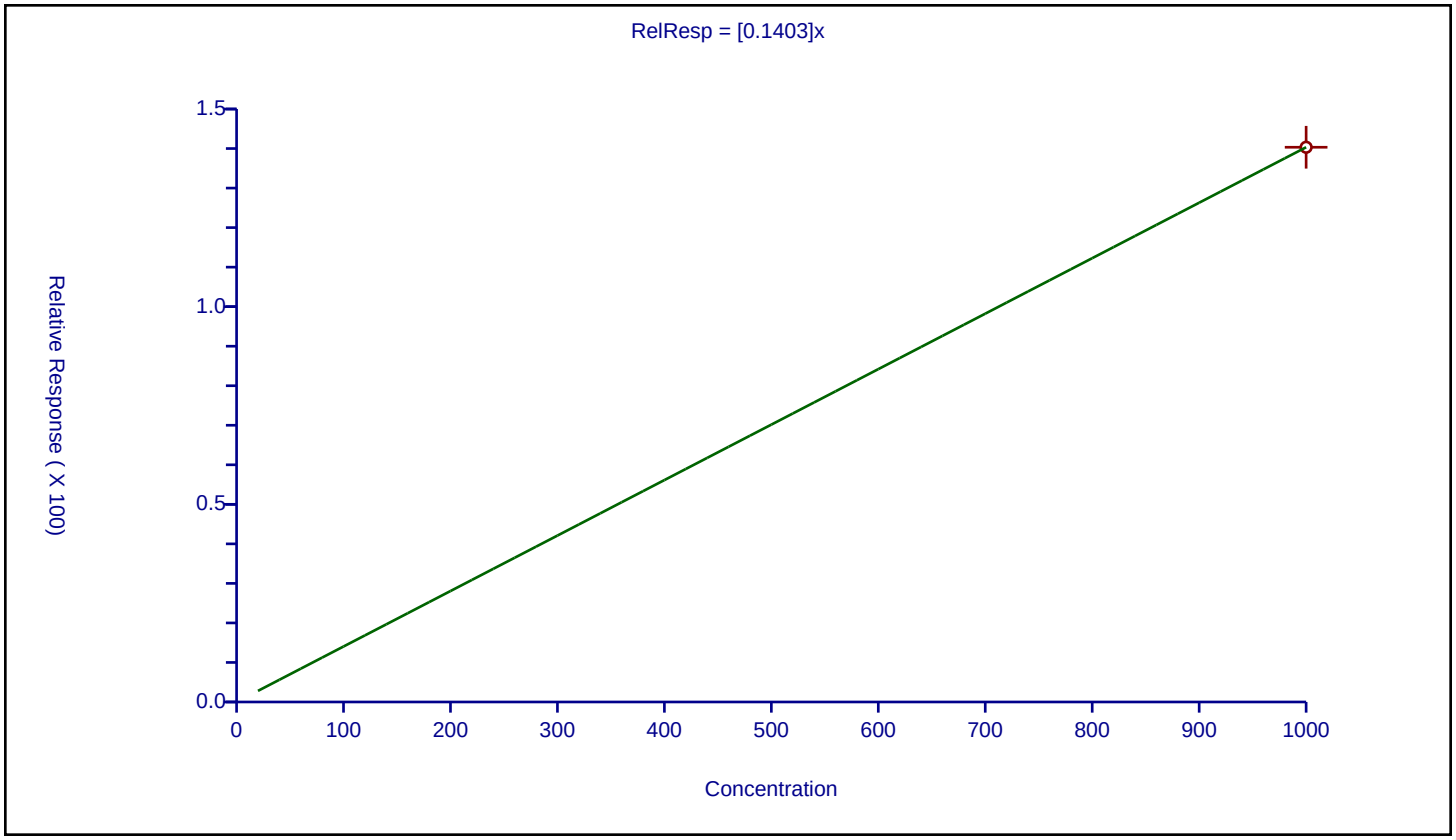
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1403 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 140.32897 | 20.0 | 179336667.0 | 0.140329 | Y |



## Calibration / PCB-1268 Peak 6

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

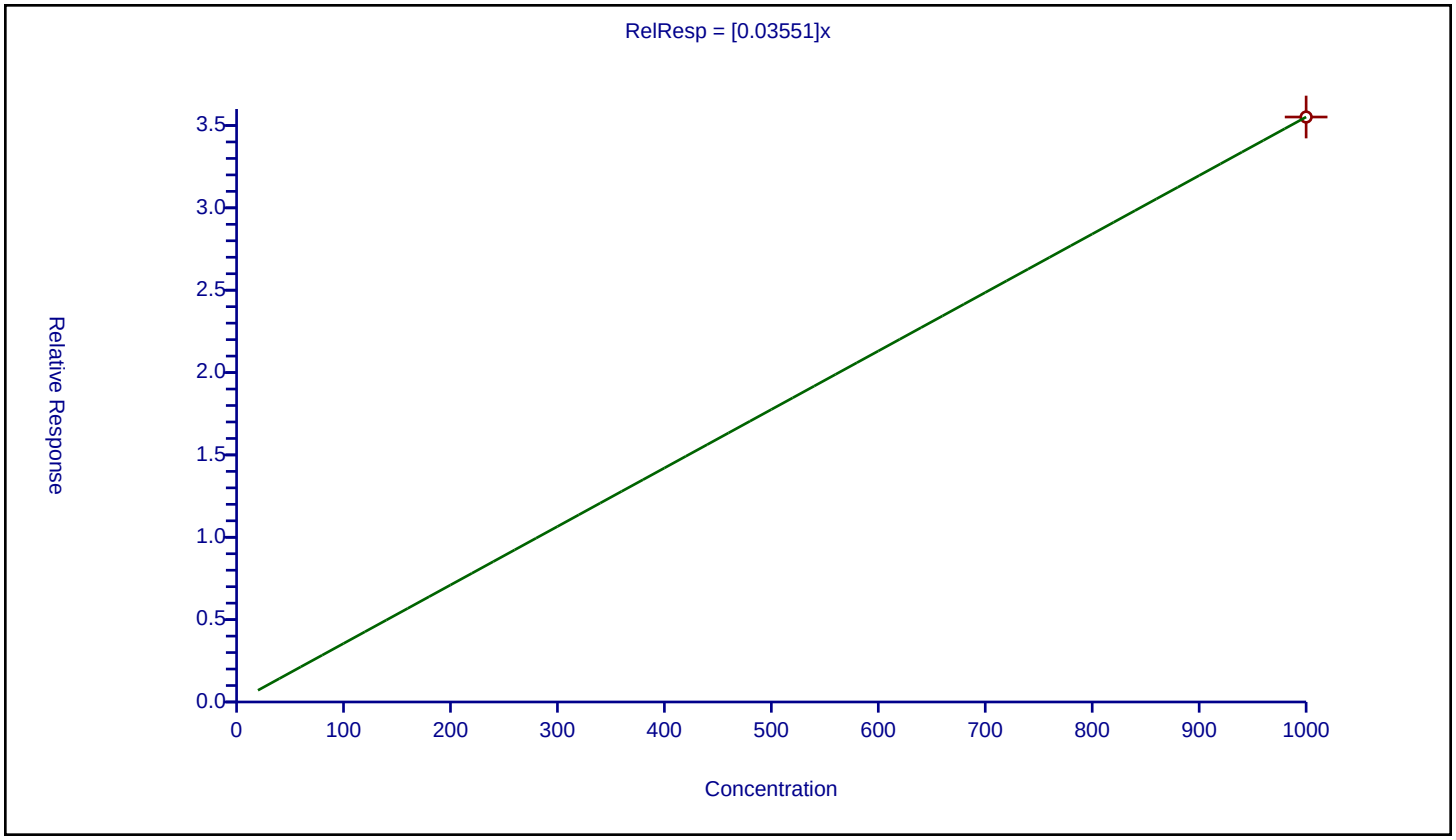
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.03551 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 35.513838 | 20.0 | 179336667.0 | 0.035514 | Y |



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## Calibration / PCB-1268 Peak 7

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

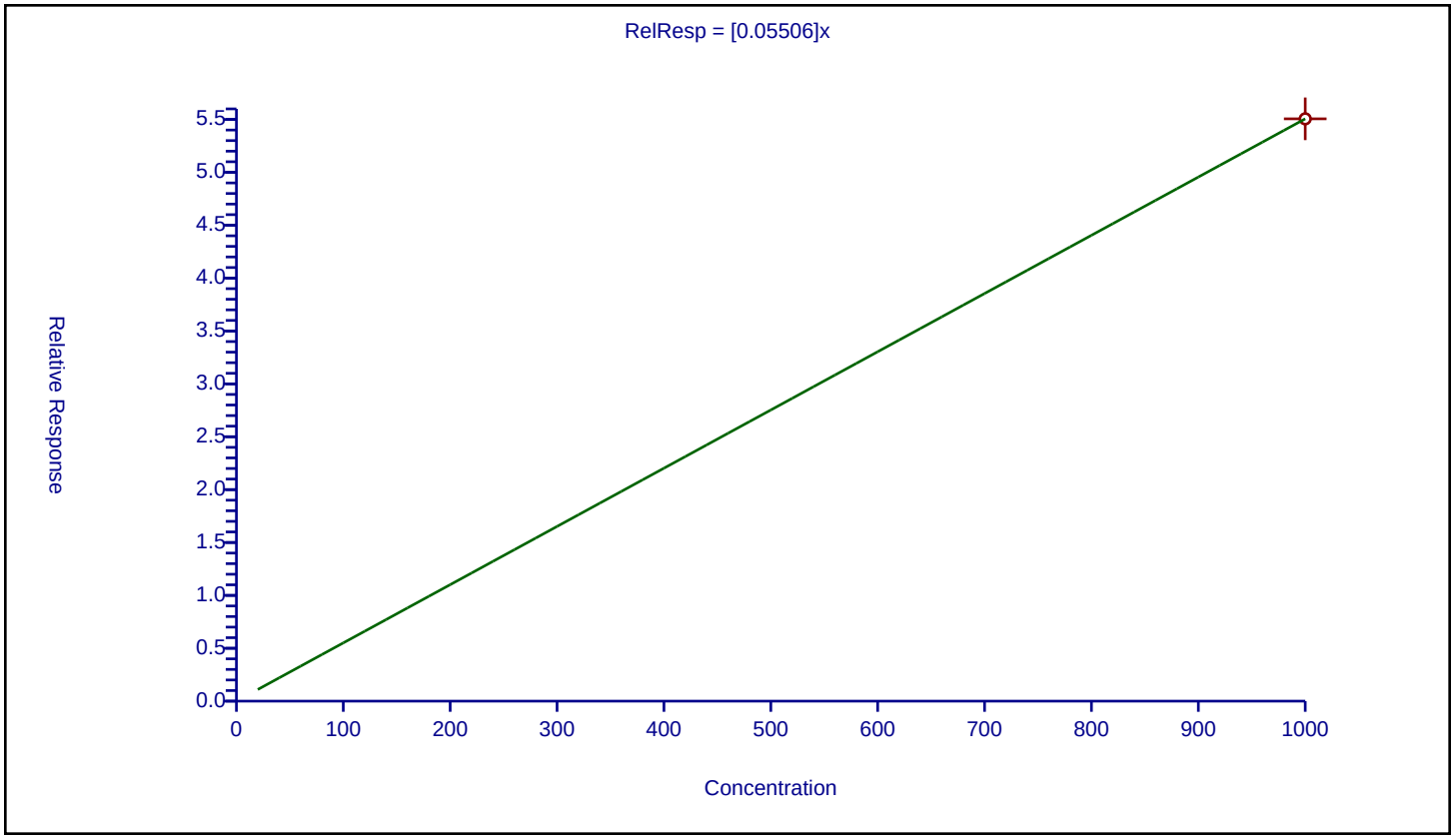
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.05506 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 55.060381 | 20.0 | 179336667.0 | 0.05506 | Y |



## Calibration / PCB-1268 Peak 8

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

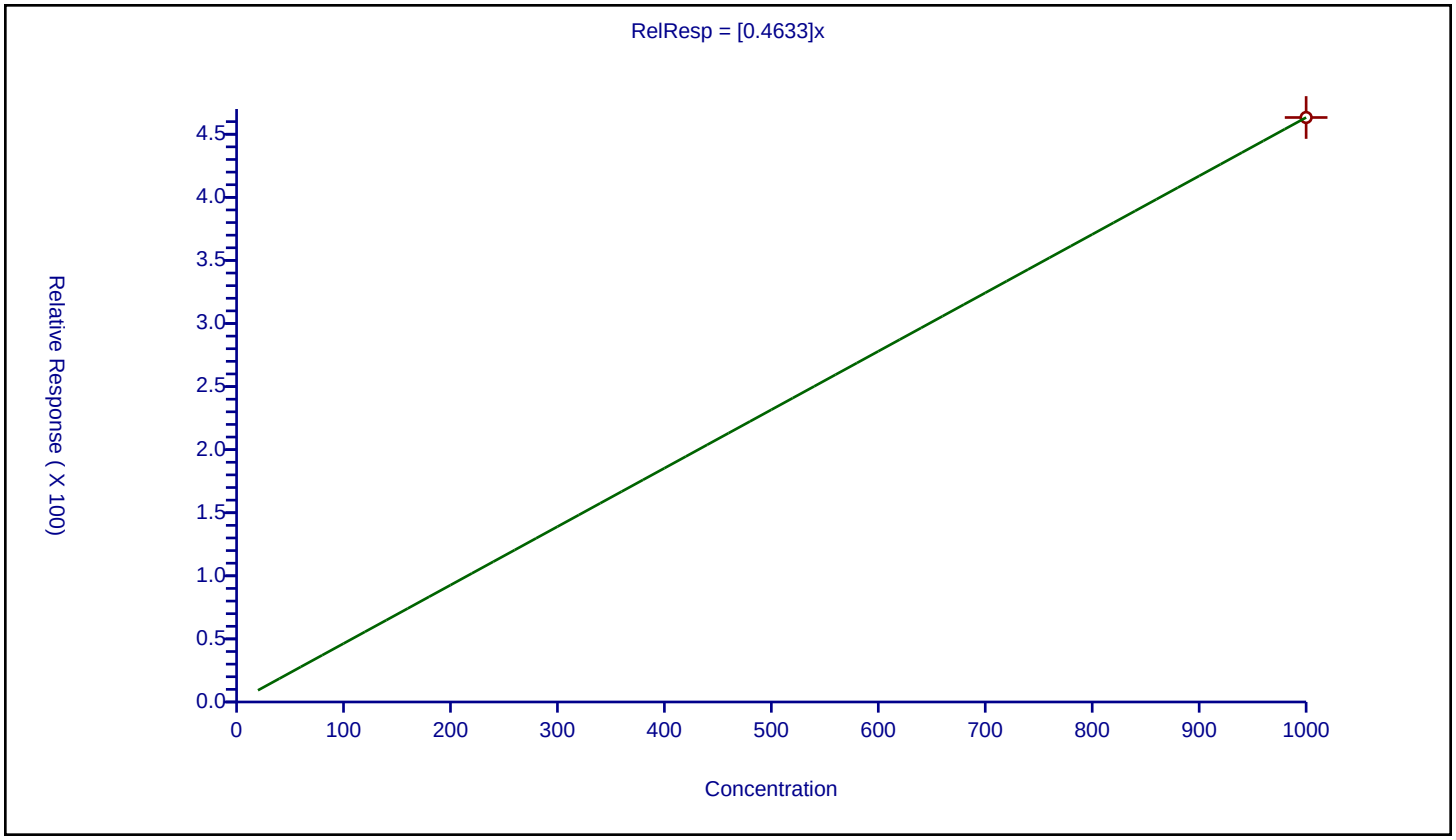
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4633 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 0.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 460-1002996/14 | 1000.0 | 463.27776 | 20.0 | 179336667.0 | 0.463278 | Y |



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002996/7  Calibration Date: 10/23/2024 11:26

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0008284.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0172 | | 1040 | 1000 | 3.8 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0360 | 0.0373 | | 1030 | 1000 | 3.5 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0772 | 0.0793 | | 1030 | 1000 | 2.7 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0300 | 0.0306 | | 1020 | 1000 | 2.0 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0188 | 0.0195 | | 1040 | 1000 | 4.0 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0245 | 0.0255 | | 1040 | 1000 | 4.0 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0260 | 0.0295 | | 1130 | 1000 | 13.5 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0185 | 0.0230 | | 1240 | 1000 | 24.1* | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0229 | 0.0252 | | 1100 | 1000 | 10.4 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0488 | 0.0558 | | 1140 | 1000 | 14.3 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0578 | 0.0640 | | 1110 | 1000 | 10.6 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0382 | 0.0397 | | 1040 | 1000 | 3.8 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0379 | 0.0406 | | 1070 | 1000 | 7.3 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0845 | 0.0924 | | 1090 | 1000 | 9.3 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0560 | 0.0611 | | 1090 | 1000 | 9.1 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0215 | 0.0212 | | 987 | 1000 | -1.3 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002996/7 Calibration Date: 10/23/2024 11:26

Instrument ID: CPESTGC14 Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0008284.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 4.07 | 4.04 | 4.10 |
| PCB-1016 Peak 2 | 4.62 | 4.55 | 4.69 |
| PCB-1016 Peak 3 | 5.22 | 5.15 | 5.29 |
| PCB-1016 Peak 4 | 5.40 | 5.32 | 5.46 |
| PCB-1016 Peak 5 | 5.54 | 5.46 | 5.60 |
| PCB-1016 Peak 6 | 6.06 | 5.99 | 6.13 |
| PCB-1016 Peak 7 | 6.24 | 6.17 | 6.31 |
| PCB-1016 Peak 8 | 6.72 | 6.65 | 6.79 |
| PCB-1260 Peak 1 | 7.95 | 7.92 | 7.98 |
| PCB-1260 Peak 2 | 8.27 | 8.19 | 8.33 |
| PCB-1260 Peak 3 | 8.70 | 8.63 | 8.77 |
| PCB-1260 Peak 4 | 9.64 | 9.57 | 9.71 |
| PCB-1260 Peak 5 | 10.07 | 10.00 | 10.14 |
| PCB-1260 Peak 6 | 10.39 | 10.32 | 10.46 |
| PCB-1260 Peak 7 | 10.81 | 10.73 | 10.87 |
| PCB-1260 Peak 8 | 11.38 | 11.31 | 11.45 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Oct-2024 11:26:44 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-007
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:03:22 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:49:53

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.293 | 2.295 | -0.002 | 76321339 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.963 | 0.001 | 172678729 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.074 | 4.073 | 0.001 | 65822719 | 1000.0 | 1038.5 | |
| 1 | 4.616 | 4.616 | 0.000 | 142343470 | 1000.0 | 1034.9 | M |
| 1 | 5.220 | 5.219 | 0.001 | 302544826 | 1000.0 | 1026.8 | M |
| 1 | 5.395 | 5.394 | 0.001 | 116738797 | 1000.0 | 1020.4 | M |
| 1 | 5.536 | 5.534 | 0.002 | 74534992 | 1000.0 | 1039.7 | M |
| 1 | 6.060 | 6.058 | 0.002 | 97225462 | 1000.0 | 1040.4 | M |
| 1 | 6.244 | 6.241 | 0.003 | 112386530 | 1000.0 | 1134.6 | M |
| 1 | 6.719 | 6.716 | 0.003 | 87737755 | 1000.0 | 1241.3 | M |
| | | Average of Peak Amounts = | | | | 1072.1 | |
| 2 | 3.160 | 3.161 | -0.001 | 142605763 | 1000.0 | 957.7 | |
| 2 | 3.579 | 3.578 | 0.001 | 282513554 | 1000.0 | 1014.3 | |
| 2 | 3.813 | 3.813 | 0.000 | 187340695 | 1000.0 | 1072.0 | |
| 2 | 4.125 | 4.124 | 0.001 | 670093537 | 1000.0 | 1025.0 | |
| 2 | 4.284 | 4.283 | 0.001 | 266870382 | 1000.0 | 1014.2 | |
| 2 | 4.357 | 4.356 | 0.001 | 167344715 | 1000.0 | 1046.8 | |
| 2 | 4.780 | 4.781 | -0.001 | 268057353 | 1000.0 | 1030.9 | M |
| 2 | 5.245 | 5.244 | 0.001 | 139045024 | 1000.0 | 1121.9 | |
| | | Average of Peak Amounts = | | | | 1035.4 | |
| | | | | | | RPD = 3.48 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.950 | 7.947 | 0.003 | 96336098 | 1000.0 | 1103.6 | M |
| 1 | 8.269 | 8.263 | 0.006 | 212913499 | 1000.0 | 1142.7 | M |
| 1 | 8.703 | 8.698 | 0.005 | 244086048 | 1000.0 | 1105.8 | |
| 1 | 9.640 | 9.636 | 0.004 | 151327103 | 1000.0 | 1037.5 | |
| 1 | 10.074 | 10.070 | 0.004 | 154997032 | 1000.0 | 1072.8 | |
| 1 | 10.390 | 10.389 | 0.001 | 352512973 | 1000.0 | 1092.6 | |
| 1 | 10.805 | 10.803 | 0.002 | 233130197 | 1000.0 | 1091.1 | |
| 1 | 11.381 | 11.383 | -0.002 | 80837450 | 1000.0 | 986.5 | |
| | | Average of Peak Amounts = | | | | 1079.1 | |
| 2 | 6.359 | 6.357 | 0.002 | 423421202 | 1000.0 | 1107.4 | |
| 2 | 6.780 | 6.776 | 0.004 | 692070293 | 1000.0 | 1112.4 | M |
| 2 | 7.437 | 7.433 | 0.004 | 389703746 | 1000.0 | 1036.5 | M |
| 2 | 7.871 | 7.866 | 0.005 | 419475949 | 1000.0 | 1155.9 | M |
| 2 | 8.470 | 8.463 | 0.007 | 985675117 | 1000.0 | 1074.3 | M |
| 2 | 9.040 | 9.033 | 0.007 | 515358742 | 1000.0 | 1112.7 | |
| 2 | 9.235 | 9.226 | 0.009 | 246843855 | 1000.0 | 1038.2 | |
| 2 | 10.103 | 10.100 | 0.003 | 207085526 | 1000.0 | 972.3 | M |
| | | Average of Peak Amounts = | | | | 1076.2 | |
| | | | | | | RPD = 0.26 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPCBICV_00033 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:03:54 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D

Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14 Operator ID:

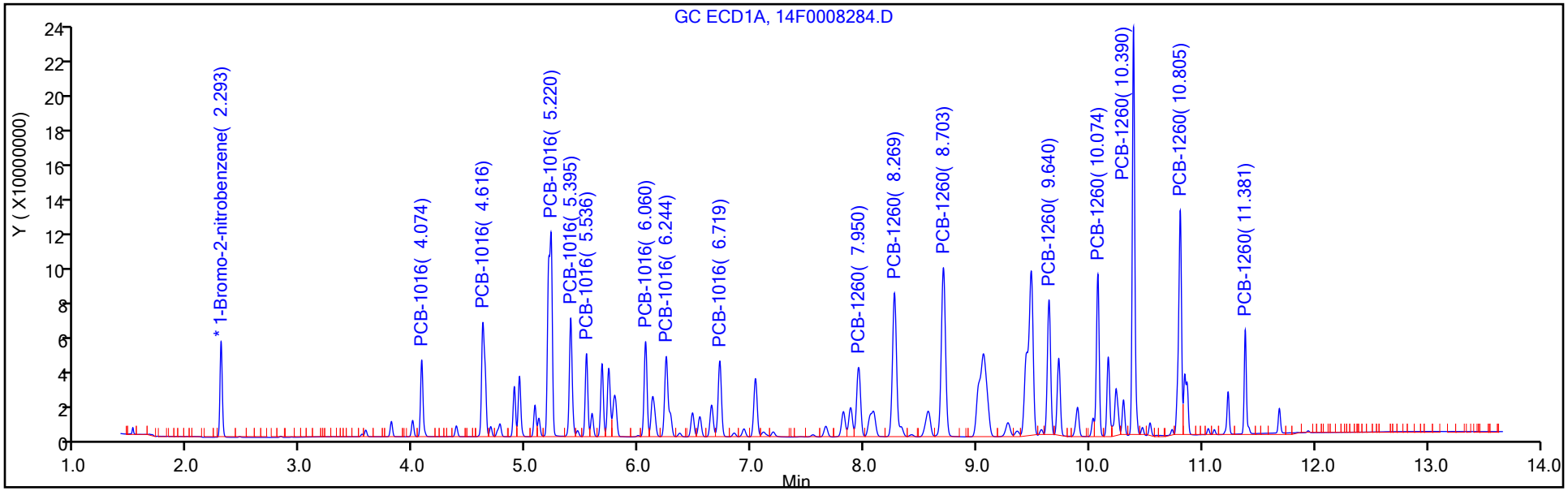
Lims ID: ICV Worklist Smp#: 7

Client ID:

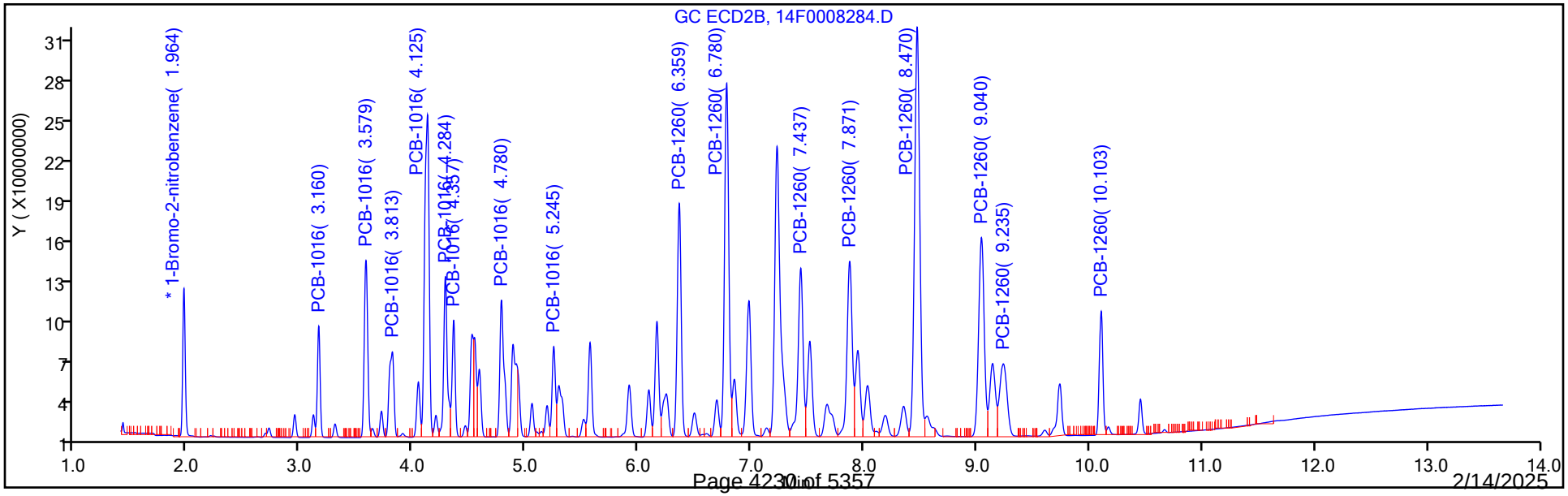
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)





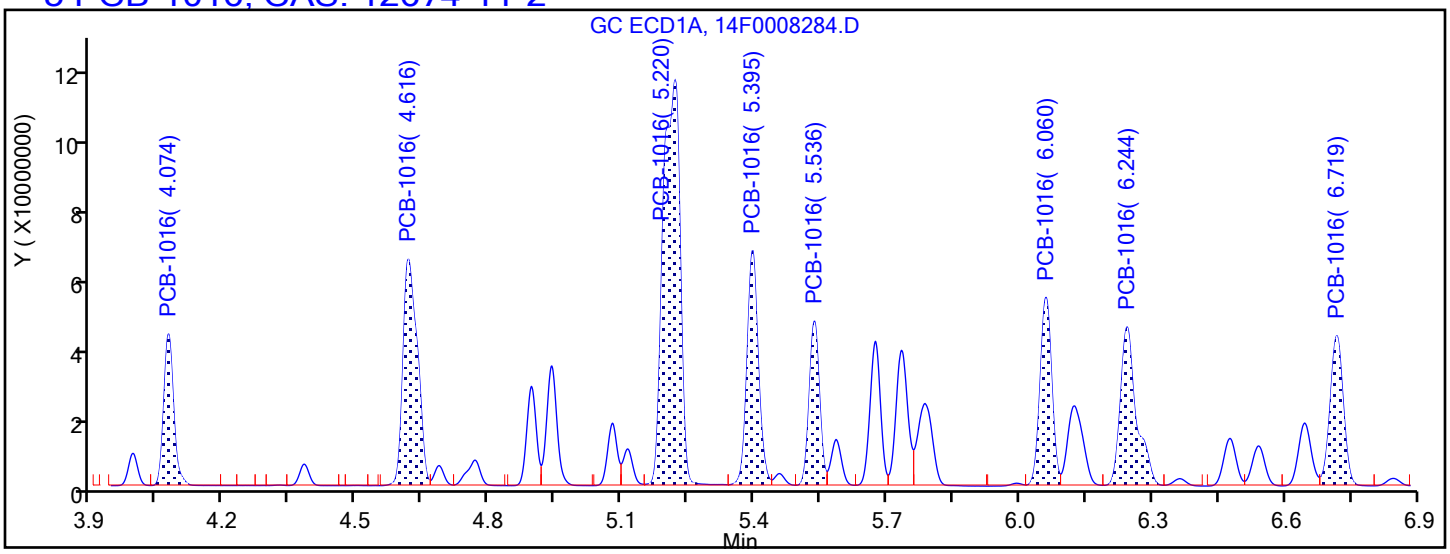

2/14/2025
12:32:58 PM

Report Date: 23-Oct-2024 14:03:54 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

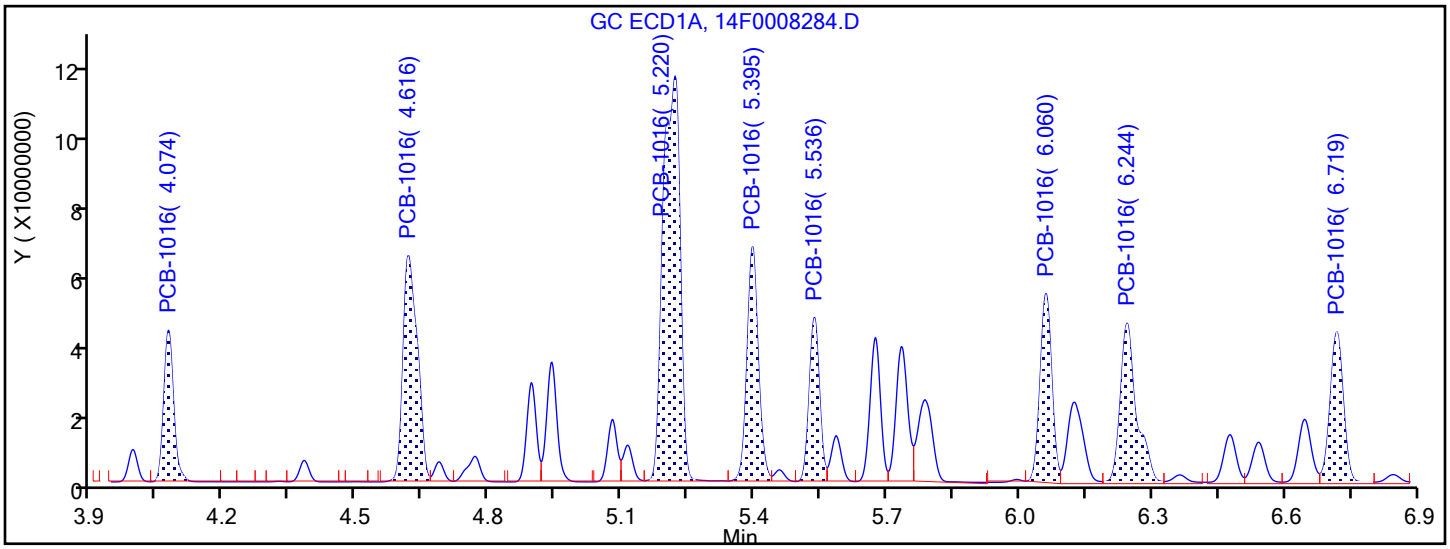
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 4.074 | Response = 65822719 |
| 4.616 | Response = 141809054 |
| 5.220 | Response = 299329895 |
| 5.395 | Response = 115823291 |
| 5.536 | Response = 74443759 |
| 6.060 | Response = 96821655 |
| 6.244 | Response = 110594204 |
| 6.719 | Response = 87183392 |




Manual Integration Results

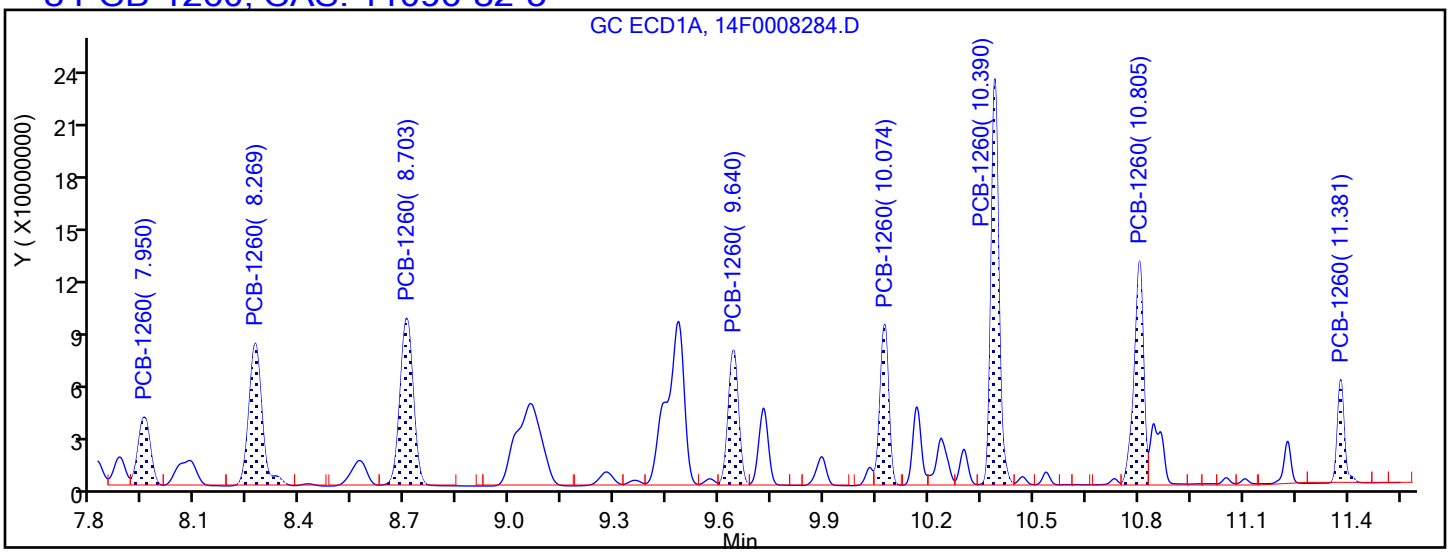
| | | |
|---|---|---|
| 4.074 | Response = 65822719 | |
| 4.616 | Response = 142343470 | M |
| 5.220 | Response = 302544826 | M |
| 5.395 | Response = 116738797 | M |
| 5.536 | Response = 74534992 | M |
| 6.060 | Response = 97225462 | M |

Report Date: 23-Oct-2024 14:03:54 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

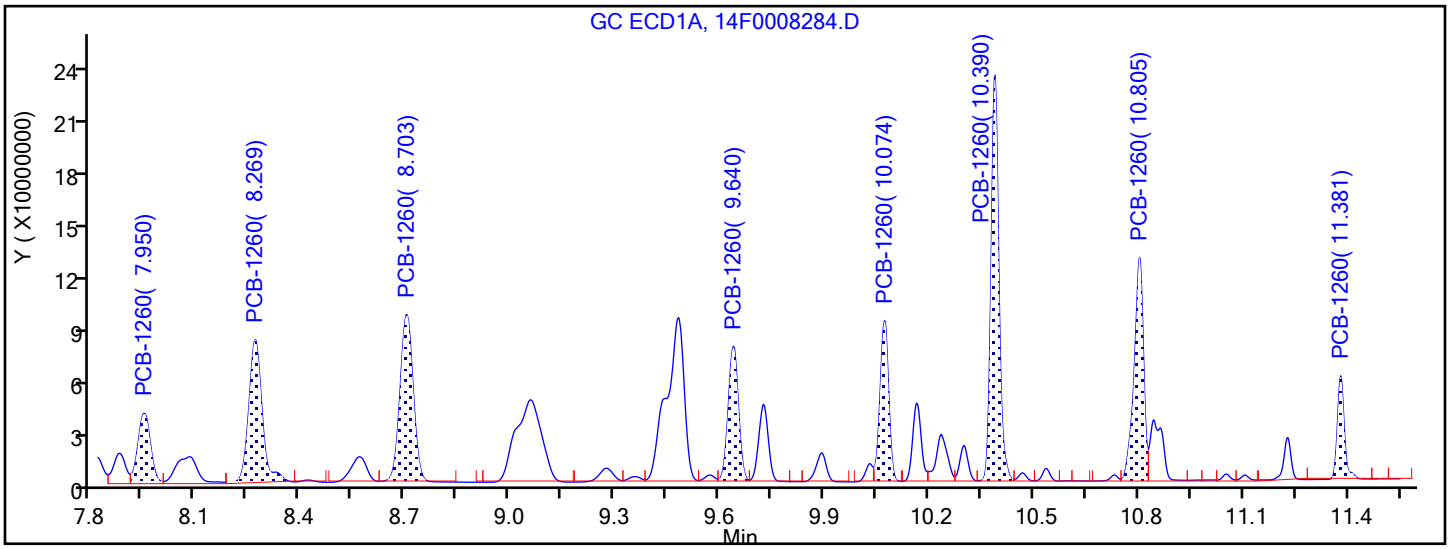
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 7.950 | Response = 94034223 |
| 8.269 | Response = 212255164 |
| 8.703 | Response = 244086048 |
| 9.640 | Response = 151327103 |
| 10.074 | Response = 154997032 |
| 10.390 | Response = 352512973 |
| 10.805 | Response = 233130197 |
| 11.381 | Response = 80837450 |




Manual Integration Results

| | | |
|---|---|---|
| 7.950 | Response = 96336098 | M |
| 8.269 | Response = 212913499 | M |
| 8.703 | Response = 244086048 | |
| 9.640 | Response = 151327103 | |
| 10.074 | Response = 154997032 | |
| 10.390 | Response = 352512973 | |

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002996/7  Calibration Date: 10/23/2024 11:26

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0008284.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0172 | 0.0165 | | 958 | 1000 | -4.2 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0327 | | 1010 | 1000 | 1.4 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0202 | 0.0217 | | 1070 | 1000 | 7.2 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0757 | 0.0776 | | 1030 | 1000 | 2.5 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0305 | 0.0309 | | 1010 | 1000 | 1.4 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0185 | 0.0194 | | 1050 | 1000 | 4.7 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0301 | 0.0310 | | 1030 | 1000 | 3.1 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0144 | 0.0161 | | 1120 | 1000 | 12.2 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0443 | 0.0490 | | 1110 | 1000 | 10.7 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0721 | 0.0802 | | 1110 | 1000 | 11.2 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0435 | 0.0451 | | 1040 | 1000 | 3.6 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0420 | 0.0486 | | 1160 | 1000 | 15.6 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1063 | 0.1142 | | 1070 | 1000 | 7.4 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0536 | 0.0597 | | 1110 | 1000 | 11.3 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0275 | 0.0286 | | 1040 | 1000 | 3.8 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0247 | 0.0240 | | 972 | 1000 | -2.8 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICV 460-1002996/7  Calibration Date: 10/23/2024 11:26

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0008284.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.16 | 3.09 | 3.23 |
| PCB-1016 Peak 2 | 3.58 | 3.51 | 3.65 |
| PCB-1016 Peak 3 | 3.81 | 3.74 | 3.88 |
| PCB-1016 Peak 4 | 4.13 | 4.05 | 4.19 |
| PCB-1016 Peak 5 | 4.28 | 4.21 | 4.35 |
| PCB-1016 Peak 6 | 4.36 | 4.29 | 4.43 |
| PCB-1016 Peak 7 | 4.78 | 4.71 | 4.85 |
| PCB-1016 Peak 8 | 5.25 | 5.17 | 5.31 |
| PCB-1260 Peak 1 | 6.36 | 6.29 | 6.43 |
| PCB-1260 Peak 2 | 6.78 | 6.71 | 6.85 |
| PCB-1260 Peak 3 | 7.44 | 7.36 | 7.50 |
| PCB-1260 Peak 4 | 7.87 | 7.80 | 7.94 |
| PCB-1260 Peak 5 | 8.47 | 8.39 | 8.53 |
| PCB-1260 Peak 6 | 9.04 | 8.96 | 9.10 |
| PCB-1260 Peak 7 | 9.24 | 9.16 | 9.30 |
| PCB-1260 Peak 8 | 10.10 | 10.03 | 10.17 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Oct-2024 11:26:44 ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0182534-007
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 23-Oct-2024 14:03:22 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1676

First Level Reviewer: OR9X Date: 23-Oct-2024 11:49:53

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.293 | 2.295 | -0.002 | 76321339 | 20.0 | 20.0 | |
| 2 | 1.964 | 1.963 | 0.001 | 172678729 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| 5 PCB-1016 | | | | | | | M |
| 1 | 4.074 | 4.073 | 0.001 | 65822719 | 1000.0 | 1038.5 | |
| 1 | 4.616 | 4.616 | 0.000 | 142343470 | 1000.0 | 1034.9 | M |
| 1 | 5.220 | 5.219 | 0.001 | 302544826 | 1000.0 | 1026.8 | M |
| 1 | 5.395 | 5.394 | 0.001 | 116738797 | 1000.0 | 1020.4 | M |
| 1 | 5.536 | 5.534 | 0.002 | 74534992 | 1000.0 | 1039.7 | M |
| 1 | 6.060 | 6.058 | 0.002 | 97225462 | 1000.0 | 1040.4 | M |
| 1 | 6.244 | 6.241 | 0.003 | 112386530 | 1000.0 | 1134.6 | M |
| 1 | 6.719 | 6.716 | 0.003 | 87737755 | 1000.0 | 1241.3 | M |
| | | Average of Peak Amounts = | | | | 1072.1 | |
| 2 | 3.160 | 3.161 | -0.001 | 142605763 | 1000.0 | 957.7 | |
| 2 | 3.579 | 3.578 | 0.001 | 282513554 | 1000.0 | 1014.3 | |
| 2 | 3.813 | 3.813 | 0.000 | 187340695 | 1000.0 | 1072.0 | |
| 2 | 4.125 | 4.124 | 0.001 | 670093537 | 1000.0 | 1025.0 | |
| 2 | 4.284 | 4.283 | 0.001 | 266870382 | 1000.0 | 1014.2 | |
| 2 | 4.357 | 4.356 | 0.001 | 167344715 | 1000.0 | 1046.8 | |
| 2 | 4.780 | 4.781 | -0.001 | 268057353 | 1000.0 | 1030.9 | M |
| 2 | 5.245 | 5.244 | 0.001 | 139045024 | 1000.0 | 1121.9 | |
| | | Average of Peak Amounts = | | | | 1035.4 | |
| | | | | | | RPD = 3.48 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 8 PCB-1260 | | | | | | | M |
| 1 | 7.950 | 7.947 | 0.003 | 96336098 | 1000.0 | 1103.6 | M |
| 1 | 8.269 | 8.263 | 0.006 | 212913499 | 1000.0 | 1142.7 | M |
| 1 | 8.703 | 8.698 | 0.005 | 244086048 | 1000.0 | 1105.8 | |
| 1 | 9.640 | 9.636 | 0.004 | 151327103 | 1000.0 | 1037.5 | |
| 1 | 10.074 | 10.070 | 0.004 | 154997032 | 1000.0 | 1072.8 | |
| 1 | 10.390 | 10.389 | 0.001 | 352512973 | 1000.0 | 1092.6 | |
| 1 | 10.805 | 10.803 | 0.002 | 233130197 | 1000.0 | 1091.1 | |
| 1 | 11.381 | 11.383 | -0.002 | 80837450 | 1000.0 | 986.5 | |
| | | Average of Peak Amounts = | | | | 1079.1 | |
| 2 | 6.359 | 6.357 | 0.002 | 423421202 | 1000.0 | 1107.4 | |
| 2 | 6.780 | 6.776 | 0.004 | 692070293 | 1000.0 | 1112.4 | M |
| 2 | 7.437 | 7.433 | 0.004 | 389703746 | 1000.0 | 1036.5 | M |
| 2 | 7.871 | 7.866 | 0.005 | 419475949 | 1000.0 | 1155.9 | M |
| 2 | 8.470 | 8.463 | 0.007 | 985675117 | 1000.0 | 1074.3 | M |
| 2 | 9.040 | 9.033 | 0.007 | 515358742 | 1000.0 | 1112.7 | |
| 2 | 9.235 | 9.226 | 0.009 | 246843855 | 1000.0 | 1038.2 | |
| 2 | 10.103 | 10.100 | 0.003 | 207085526 | 1000.0 | 972.3 | M |
| | | Average of Peak Amounts = | | | | 1076.2 | |
| | | | | | | RPD = 0.26 | |

## QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

## Reagents:

| | | | |
|---|---|---|---|
| SGPCBICV_00033 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

Report Date: 23-Oct-2024 14:03:55 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D

Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14 Operator ID:

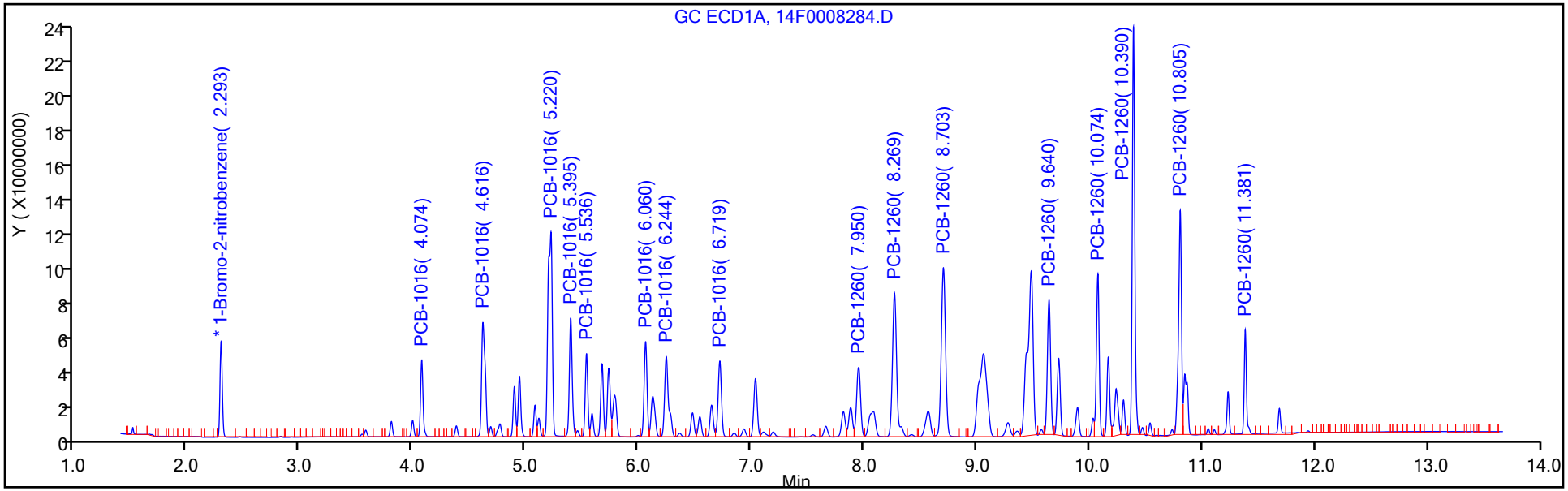
Lims ID: ICV Worklist Smp#: 7

Client ID:

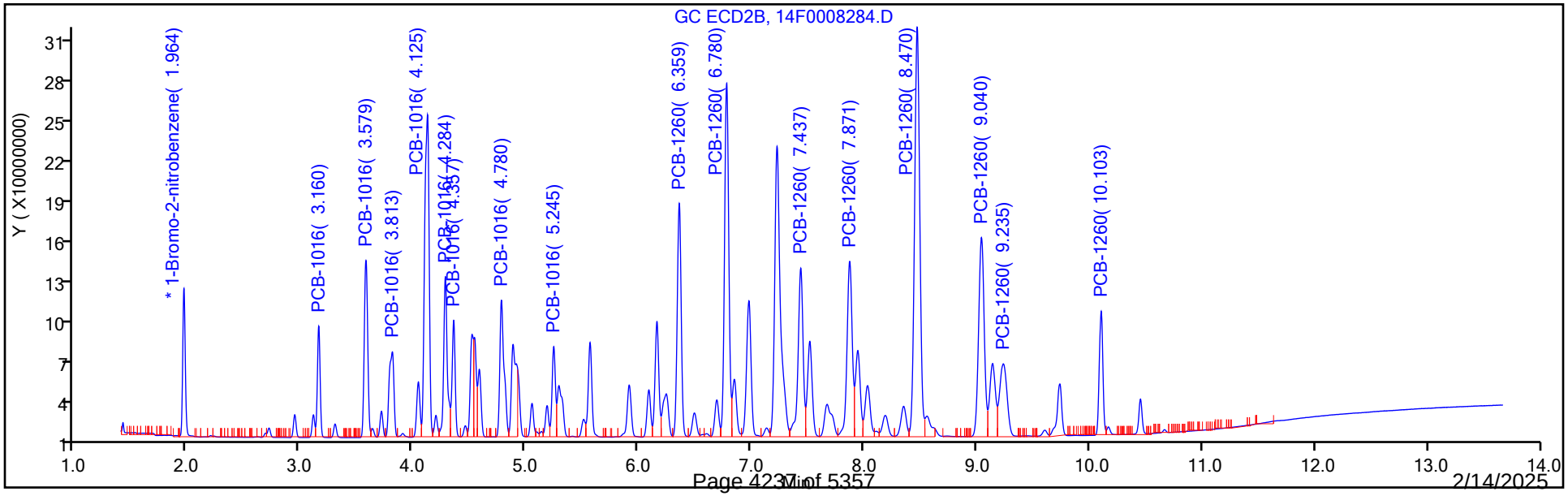
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 10

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

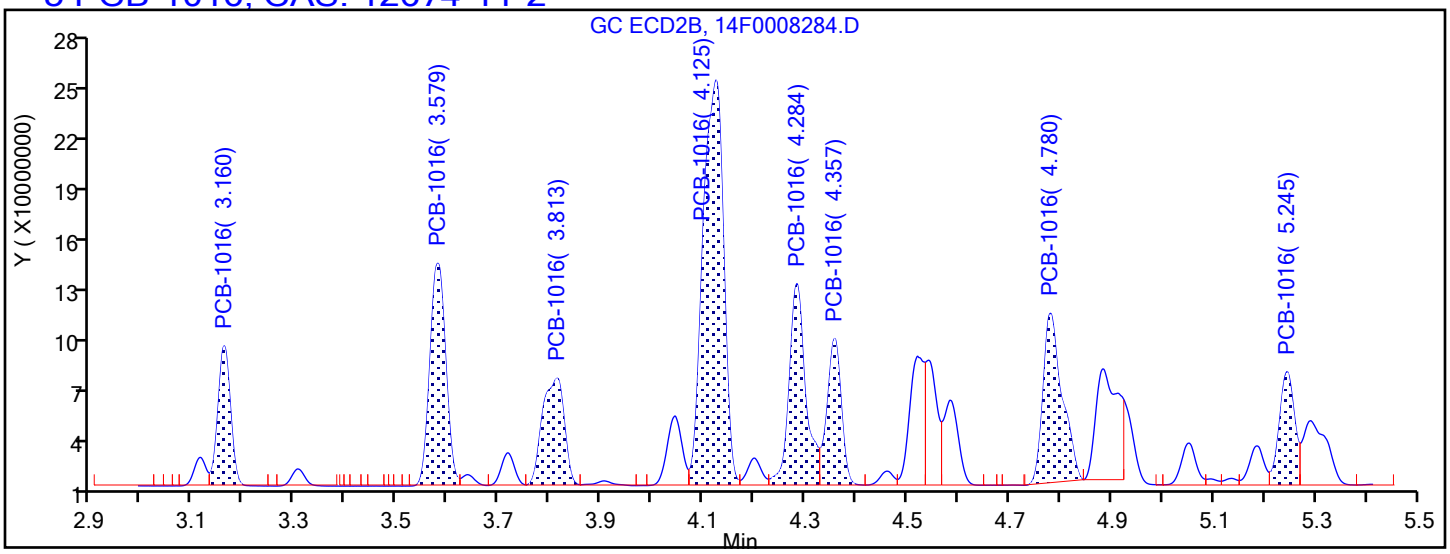
12:32:58 PM

Report Date: 23-Oct-2024 14:03:55 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

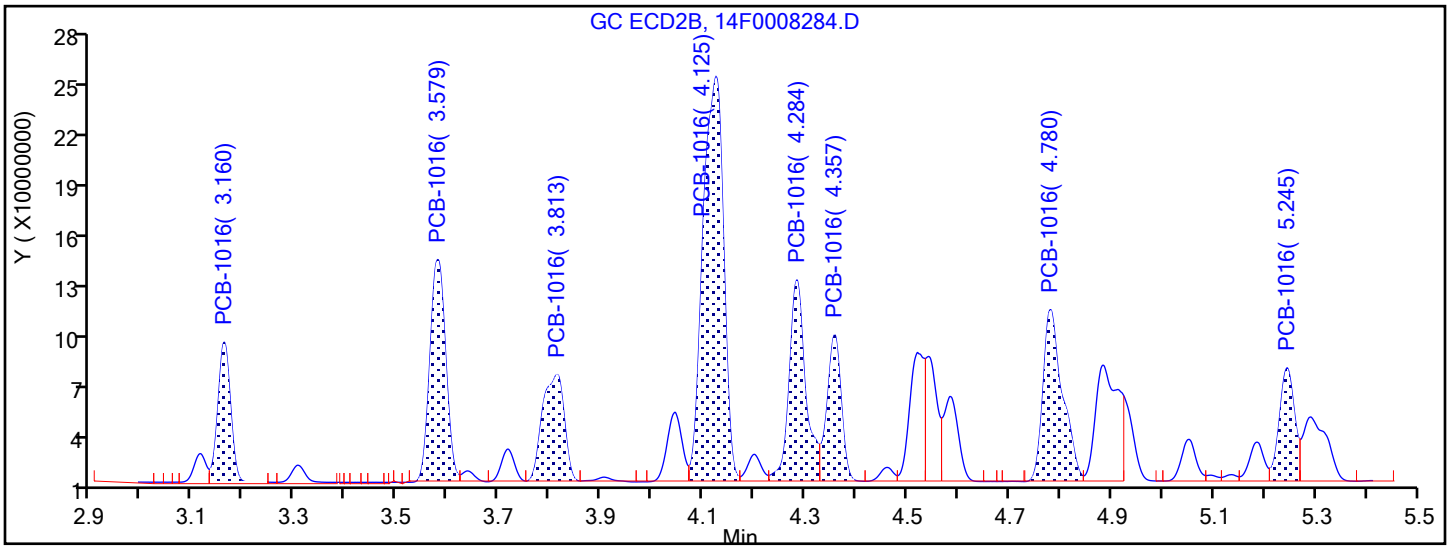
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2




Processing Integration Results

| | |
|---|---|
| 3.160 | Response = 142605763 |
| 3.579 | Response = 282513554 |
| 3.813 | Response = 187340695 |
| 4.125 | Response = 670093537 |
| 4.284 | Response = 266870382 |
| 4.357 | Response = 167344715 |
| 4.780 | Response = 258744044 |
| 5.245 | Response = 139045024 |




Manual Integration Results

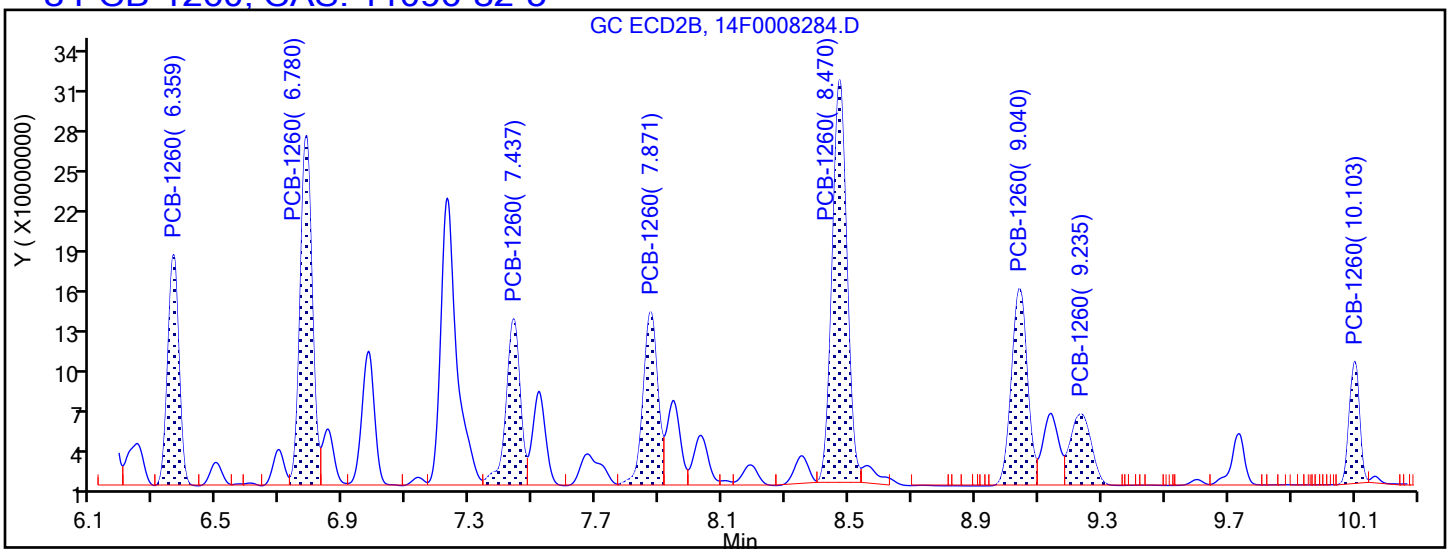
| | |
|---|---|
| 3.160 | Response = 142605763 |
| 3.579 | Response = 282513554 |
| 3.813 | Response = 187340695 |
| 4.125 | Response = 670093537 |
| 4.284 | Response = 266870382 |
| 4.357 | Response = 167344715 |

Report Date: 23-Oct-2024 14:03:56 Chrom Revision: 2.3 24-Sep-2024 15:19:46

Eurofins Edison

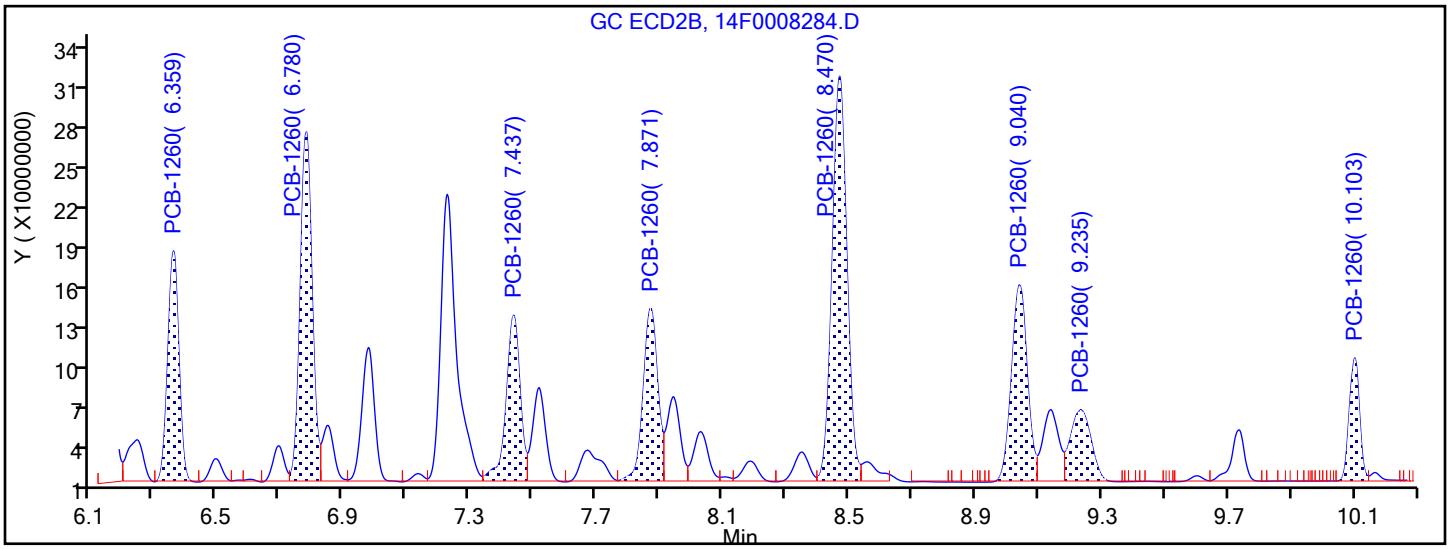
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008284.D
Injection Date: 23-Oct-2024 11:26:44 Instrument ID: CPESTGC14
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5




Processing Integration Results

| | |
|---|---|
| 6.359 | Response = 423421202 |
| 6.780 | Response = 688789457 |
| 7.437 | Response = 376787049 |
| 7.871 | Response = 412914766 |
| 8.470 | Response = 972817262 |
| 9.040 | Response = 515358742 |
| 9.235 | Response = 246843855 |
| 10.103 | Response = 203738662 |




Manual Integration Results

| | | |
|---|---|---|
| 6.359 | Response = 423421202 | |
| 6.780 | Response = 692070293 | M |
| 7.437 | Response = 389703746 | M |
| 7.871 | Response = 419475949 | M |
| 8.470 | Response = 985675117 | M |
| 9.040 | Response = 515358742 | |

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020184/2  Calibration Date: 02/07/2025 13:53

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0011946.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0156 | | 938 | 1000 | -6.2 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0360 | 0.0340 | | 944 | 1000 | -5.6 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0772 | 0.0750 | | 971 | 1000 | -2.9 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0300 | 0.0285 | | 951 | 1000 | -4.9 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0188 | 0.0178 | | 945 | 1000 | -5.5 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0245 | 0.0240 | | 981 | 1000 | -1.9 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0260 | 0.0242 | | 932 | 1000 | -6.8 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0185 | 0.0163 | | 880 | 1000 | -12.0 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0229 | 0.0213 | | 932 | 1000 | -6.8 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0488 | 0.0448 | | 918 | 1000 | -8.2 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0578 | 0.0547 | | 945 | 1000 | -5.5 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0382 | 0.0406 | | 1060 | 1000 | 6.2 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0379 | 0.0386 | | 1020 | 1000 | 1.9 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0845 | 0.0877 | | 1040 | 1000 | 3.7 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0560 | 0.0587 | | 1050 | 1000 | 4.8 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0215 | 0.0235 | | 1100 | 1000 | 9.6 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.9518 | 0.9556 | | 100 | 100 | 0.4 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.6591 | 0.6861 | | 104 | 100 | 4.1 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020184/2  Calibration Date: 02/07/2025 13:53

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0011946.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.96 | 3.93 | 3.99 |
| PCB-1016 Peak 2 | 4.50 | 4.43 | 4.57 |
| PCB-1016 Peak 3 | 5.10 | 5.03 | 5.17 |
| PCB-1016 Peak 4 | 5.27 | 5.20 | 5.34 |
| PCB-1016 Peak 5 | 5.40 | 5.33 | 5.47 |
| PCB-1016 Peak 6 | 5.91 | 5.84 | 5.98 |
| PCB-1016 Peak 7 | 6.09 | 6.02 | 6.16 |
| PCB-1016 Peak 8 | 6.55 | 6.48 | 6.62 |
| PCB-1260 Peak 1 | 7.74 | 7.71 | 7.77 |
| PCB-1260 Peak 2 | 8.05 | 7.98 | 8.12 |
| PCB-1260 Peak 3 | 8.48 | 8.41 | 8.55 |
| PCB-1260 Peak 4 | 9.45 | 9.38 | 9.52 |
| PCB-1260 Peak 5 | 9.92 | 9.85 | 9.99 |
| PCB-1260 Peak 6 | 10.25 | 10.18 | 10.32 |
| PCB-1260 Peak 7 | 10.67 | 10.60 | 10.74 |
| PCB-1260 Peak 8 | 11.24 | 11.17 | 11.31 |
| Tetrachloro-m-xylene | 3.30 | 3.27 | 3.33 |
| DCB Decachlorobiphenyl | 11.79 | 11.76 | 11.82 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011946.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 13:53:49 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:43:57 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:43:57

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.225 | 2.225 | 0.000 | 123848062 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 296240810 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.300 | 3.300 | 0.000 | 591733770 | 100.0 | 100.4 | |
| 2 | 2.658 | 2.658 | 0.000 | 1674204364 | 100.0 | 102.9 | |
| | | | | | | RPD = 2.44 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.962 | 3.962 | 0.000 | 96444371 | 1000.0 | 937.7 | |
| 1 | 4.498 | 4.498 | 0.000 | 210702502 | 1000.0 | 944.1 | |
| 1 | 5.095 | 5.095 | 0.000 | 464179915 | 1000.0 | 970.8 | |
| 1 | 5.268 | 5.268 | 0.000 | 176585849 | 1000.0 | 951.2 | |
| 1 | 5.403 | 5.403 | 0.000 | 109938766 | 1000.0 | 945.0 | |
| 1 | 5.910 | 5.910 | 0.000 | 148720727 | 1000.0 | 980.8 | |
| 1 | 6.088 | 6.088 | 0.000 | 149849690 | 1000.0 | 932.3 | |
| 1 | 6.548 | 6.548 | 0.000 | 100888807 | 1000.0 | 879.6 | |
| | | Average of Peak Amounts = | | | | 942.7 | |
| 2 | 3.069 | 3.069 | 0.000 | 216148178 | 1000.0 | 846.1 | |
| 2 | 3.480 | 3.480 | 0.000 | 443854504 | 1000.0 | 928.9 | |
| 2 | 3.708 | 3.708 | 0.000 | 289669424 | 1000.0 | 966.2 | |
| 2 | 4.017 | 4.017 | 0.000 | 1080392396 | 1000.0 | 963.3 | |
| 2 | 4.173 | 4.173 | 0.000 | 422154537 | 1000.0 | 935.2 | |
| 2 | 4.245 | 4.245 | 0.000 | 261824938 | 1000.0 | 954.6 | |
| 2 | 4.667 | 4.667 | 0.000 | 413383054 | 1000.0 | 926.7 | |
| 2 | 5.126 | 5.126 | 0.000 | 186207013 | 1000.0 | 875.8 | |
| | | Average of Peak Amounts = | | | | 924.6 | |
| | | | | | | RPD = 1.94 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.743 | 7.743 | 0.000 | 131959537 | 1000.0 | 931.5 | |
| 1 | 8.053 | 8.053 | 0.000 | 277680905 | 1000.0 | 918.4 | |
| 1 | 8.479 | 8.479 | 0.000 | 338453103 | 1000.0 | 944.9 | |
| 1 | 9.450 | 9.450 | 0.000 | 251360141 | 1000.0 | 1062.0 | |
| 1 | 9.918 | 9.918 | 0.000 | 238811456 | 1000.0 | 1018.6 | |
| 1 | 10.249 | 10.249 | 0.000 | 543039771 | 1000.0 | 1037.2 | |
| 1 | 10.668 | 10.668 | 0.000 | 363286088 | 1000.0 | 1047.8 | |
| 1 | 11.244 | 11.244 | 0.000 | 145711759 | 1000.0 | 1095.8 | |
| | | Average of Peak Amounts = | | | | 1007.0 | |
| 2 | 6.210 | 6.210 | 0.000 | 613040263 | 1000.0 | 934.6 | |
| 2 | 6.618 | 6.618 | 0.000 | 981643687 | 1000.0 | 919.7 | |
| 2 | 7.258 | 7.258 | 0.000 | 604385449 | 1000.0 | 937.0 | |
| 2 | 7.678 | 7.678 | 0.000 | 642880456 | 1000.0 | 1032.6 | |
| 2 | 8.262 | 8.262 | 0.000 | 1583960137 | 1000.0 | 1006.3 | |
| 2 | 8.818 | 8.818 | 0.000 | 778438745 | 1000.0 | 979.7 | |
| 2 | 9.003 | 9.003 | 0.000 | 448393562 | 1000.0 | 1099.3 | |
| 2 | 9.958 | 9.958 | 0.000 | 398991756 | 1000.0 | 1091.9 | |
| | | Average of Peak Amounts = | | | | 1000.1 | |
| | | | | | | RPD = 0.69 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.787 | 11.787 | 0.000 | 424861617 | 100.0 | 104.1 | |
| 2 | 10.535 | 10.535 | 0.000 | 1222140357 | 100.0 | 106.9 | |
| | | | | | | RPD = 2.63 | |

## Reagents:

| | | | |
|---|---|---|---|
| SG1660L3_00044 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

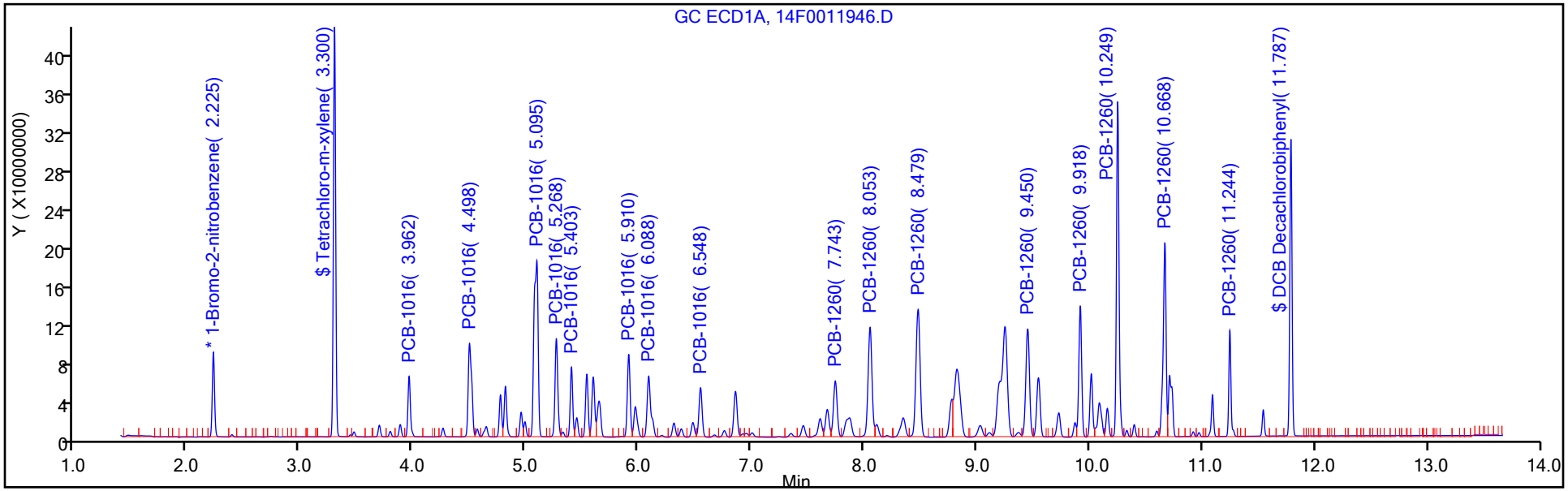
Report Date: 07-Feb-2025 17:43:57 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

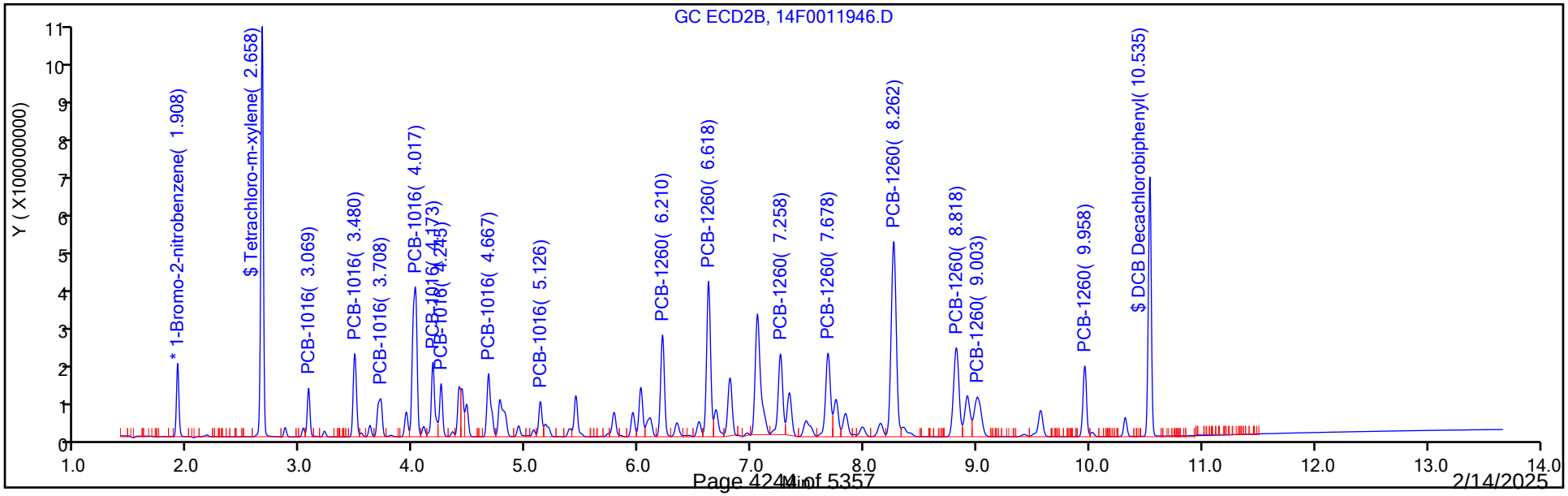
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011946.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 13:53:49 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | CCVIS | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020184/2  Calibration Date: 02/07/2025 13:53

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0011946.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0172 | 0.0146 | | 846 | 1000 | -15.4 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0300 | | 929 | 1000 | -7.1 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0202 | 0.0196 | | 966 | 1000 | -3.4 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0757 | 0.0729 | | 963 | 1000 | -3.7 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0305 | 0.0285 | | 935 | 1000 | -6.5 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0185 | 0.0177 | | 955 | 1000 | -4.5 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0301 | 0.0279 | | 927 | 1000 | -7.3 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0144 | 0.0126 | | 876 | 1000 | -12.4 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0443 | 0.0414 | | 935 | 1000 | -6.5 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0721 | 0.0663 | | 920 | 1000 | -8.0 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0435 | 0.0408 | | 937 | 1000 | -6.3 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0420 | 0.0434 | | 1030 | 1000 | 3.3 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1063 | 0.1069 | | 1010 | 1000 | 0.6 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0536 | 0.0526 | | 980 | 1000 | -2.0 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0275 | 0.0303 | | 1100 | 1000 | 9.9 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0247 | 0.0269 | | 1090 | 1000 | 9.2 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.099 | 1.130 | | 103 | 100 | 2.9 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.7720 | 0.8251 | | 107 | 100 | 6.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020184/2  Calibration Date: 02/07/2025 13:53

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0011946.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.07 | 3.00 | 3.14 |
| PCB-1016 Peak 2 | 3.48 | 3.41 | 3.55 |
| PCB-1016 Peak 3 | 3.71 | 3.64 | 3.78 |
| PCB-1016 Peak 4 | 4.02 | 3.95 | 4.09 |
| PCB-1016 Peak 5 | 4.17 | 4.10 | 4.24 |
| PCB-1016 Peak 6 | 4.25 | 4.18 | 4.32 |
| PCB-1016 Peak 7 | 4.67 | 4.60 | 4.74 |
| PCB-1016 Peak 8 | 5.13 | 5.06 | 5.20 |
| PCB-1260 Peak 1 | 6.21 | 6.14 | 6.28 |
| PCB-1260 Peak 2 | 6.62 | 6.55 | 6.69 |
| PCB-1260 Peak 3 | 7.26 | 7.19 | 7.33 |
| PCB-1260 Peak 4 | 7.68 | 7.61 | 7.75 |
| PCB-1260 Peak 5 | 8.26 | 8.19 | 8.33 |
| PCB-1260 Peak 6 | 8.82 | 8.75 | 8.89 |
| PCB-1260 Peak 7 | 9.00 | 8.93 | 9.07 |
| PCB-1260 Peak 8 | 9.96 | 9.89 | 10.03 |
| Tetrachloro-m-xylene | 2.66 | 2.61 | 2.71 |
| DCB Decachlorobiphenyl | 10.54 | 10.44 | 10.64 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011946.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Feb-2025 13:53:49 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:43:57 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:43:57

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.225 | 2.225 | 0.000 | 123848062 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 296240810 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.300 | 3.300 | 0.000 | 591733770 | 100.0 | 100.4 | |
| 2 | 2.658 | 2.658 | 0.000 | 1674204364 | 100.0 | 102.9 | |
| | | | | | | RPD = 2.44 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.962 | 3.962 | 0.000 | 96444371 | 1000.0 | 937.7 | |
| 1 | 4.498 | 4.498 | 0.000 | 210702502 | 1000.0 | 944.1 | |
| 1 | 5.095 | 5.095 | 0.000 | 464179915 | 1000.0 | 970.8 | |
| 1 | 5.268 | 5.268 | 0.000 | 176585849 | 1000.0 | 951.2 | |
| 1 | 5.403 | 5.403 | 0.000 | 109938766 | 1000.0 | 945.0 | |
| 1 | 5.910 | 5.910 | 0.000 | 148720727 | 1000.0 | 980.8 | |
| 1 | 6.088 | 6.088 | 0.000 | 149849690 | 1000.0 | 932.3 | |
| 1 | 6.548 | 6.548 | 0.000 | 100888807 | 1000.0 | 879.6 | |
| | | Average of Peak Amounts = | | | | 942.7 | |
| 2 | 3.069 | 3.069 | 0.000 | 216148178 | 1000.0 | 846.1 | |
| 2 | 3.480 | 3.480 | 0.000 | 443854504 | 1000.0 | 928.9 | |
| 2 | 3.708 | 3.708 | 0.000 | 289669424 | 1000.0 | 966.2 | |
| 2 | 4.017 | 4.017 | 0.000 | 1080392396 | 1000.0 | 963.3 | |
| 2 | 4.173 | 4.173 | 0.000 | 422154537 | 1000.0 | 935.2 | |
| 2 | 4.245 | 4.245 | 0.000 | 261824938 | 1000.0 | 954.6 | |
| 2 | 4.667 | 4.667 | 0.000 | 413383054 | 1000.0 | 926.7 | |
| 2 | 5.126 | 5.126 | 0.000 | 186207013 | 1000.0 | 875.8 | |
| | | Average of Peak Amounts = | | | | 924.6 | |
| | | | | | | RPD = 1.94 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.743 | 7.743 | 0.000 | 131959537 | 1000.0 | 931.5 | |
| 1 | 8.053 | 8.053 | 0.000 | 277680905 | 1000.0 | 918.4 | |
| 1 | 8.479 | 8.479 | 0.000 | 338453103 | 1000.0 | 944.9 | |
| 1 | 9.450 | 9.450 | 0.000 | 251360141 | 1000.0 | 1062.0 | |
| 1 | 9.918 | 9.918 | 0.000 | 238811456 | 1000.0 | 1018.6 | |
| 1 | 10.249 | 10.249 | 0.000 | 543039771 | 1000.0 | 1037.2 | |
| 1 | 10.668 | 10.668 | 0.000 | 363286088 | 1000.0 | 1047.8 | |
| 1 | 11.244 | 11.244 | 0.000 | 145711759 | 1000.0 | 1095.8 | |
| | | Average of Peak Amounts = | | | | 1007.0 | |
| 2 | 6.210 | 6.210 | 0.000 | 613040263 | 1000.0 | 934.6 | |
| 2 | 6.618 | 6.618 | 0.000 | 981643687 | 1000.0 | 919.7 | |
| 2 | 7.258 | 7.258 | 0.000 | 604385449 | 1000.0 | 937.0 | |
| 2 | 7.678 | 7.678 | 0.000 | 642880456 | 1000.0 | 1032.6 | |
| 2 | 8.262 | 8.262 | 0.000 | 1583960137 | 1000.0 | 1006.3 | |
| 2 | 8.818 | 8.818 | 0.000 | 778438745 | 1000.0 | 979.7 | |
| 2 | 9.003 | 9.003 | 0.000 | 448393562 | 1000.0 | 1099.3 | |
| 2 | 9.958 | 9.958 | 0.000 | 398991756 | 1000.0 | 1091.9 | |
| | | Average of Peak Amounts = | | | | 1000.1 | |
| | | | | | | RPD = 0.69 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.787 | 11.787 | 0.000 | 424861617 | 100.0 | 104.1 | |
| 2 | 10.535 | 10.535 | 0.000 | 1222140357 | 100.0 | 106.9 | |
| | | | | | | RPD = 2.63 | |

## Reagents:

SG1660L3_00044 Amount Added: 1.00 Units: mL
SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:43:58 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011946.D

Injection Date: 07-Feb-2025 13:53:49 Instrument ID: CPESTGC14 Operator ID:

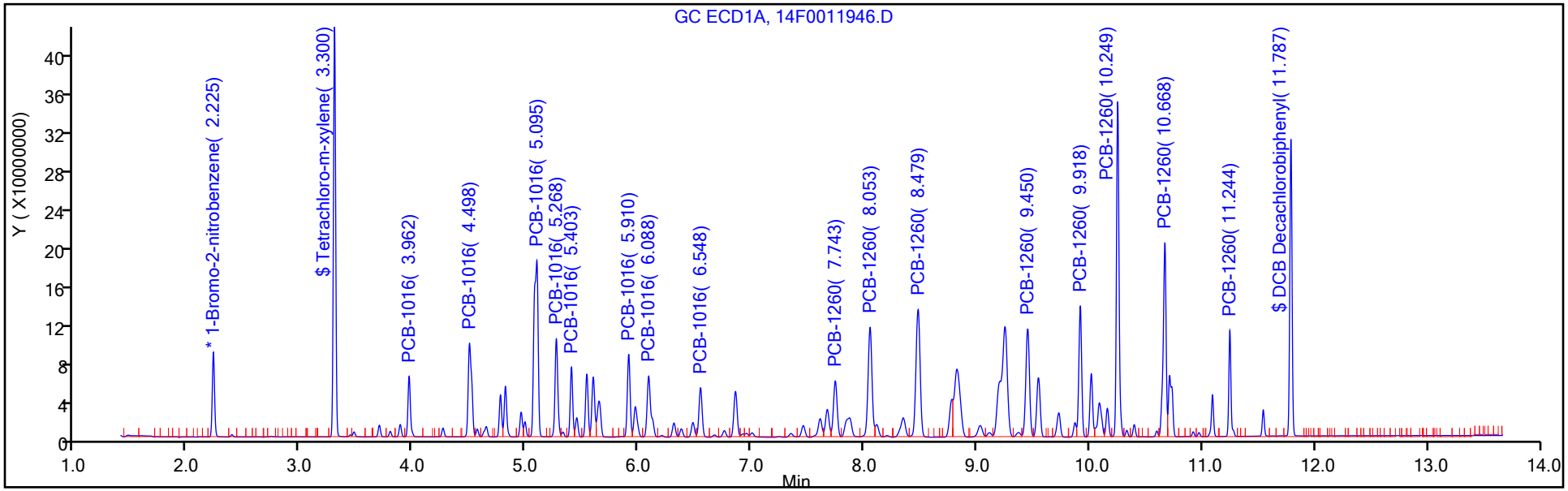
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

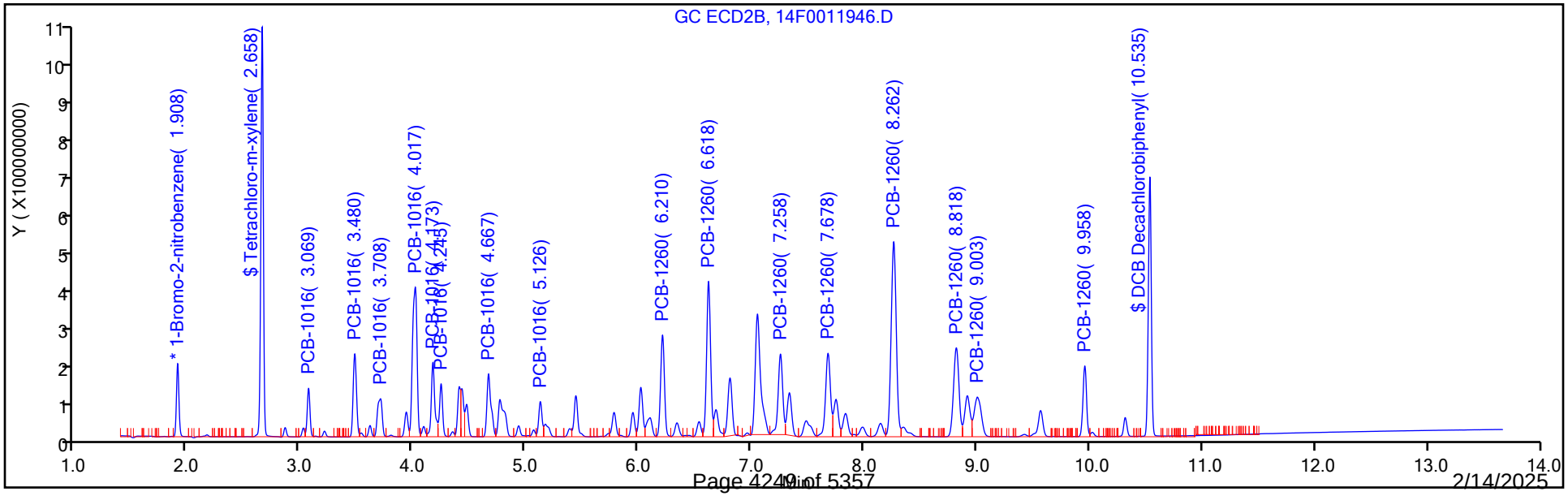
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020345/2  Calibration Date: 02/09/2025 07:32

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0012005.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0156 | | 938 | 1000 | -6.2 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0360 | 0.0340 | | 945 | 1000 | -5.5 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0772 | 0.0765 | | 990 | 1000 | -1.0 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0300 | 0.0289 | | 963 | 1000 | -3.7 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0188 | 0.0178 | | 947 | 1000 | -5.3 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0245 | 0.0243 | | 994 | 1000 | -0.6 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0260 | 0.0246 | | 947 | 1000 | -5.3 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0185 | 0.0165 | | 890 | 1000 | -11.0 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0229 | 0.0216 | | 945 | 1000 | -5.5 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0488 | 0.0454 | | 930 | 1000 | -7.0 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0578 | 0.0553 | | 957 | 1000 | -4.3 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0382 | 0.0411 | | 1080 | 1000 | 7.5 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0379 | 0.0382 | | 1010 | 1000 | 0.9 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0845 | 0.0867 | | 1030 | 1000 | 2.5 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0560 | 0.0574 | | 1030 | 1000 | 2.5 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0215 | 0.0231 | | 1070 | 1000 | 7.5 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.9518 | 0.9520 | | 100 | 100 | 0.0 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.6591 | 0.6783 | | 103 | 100 | 2.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020345/2  Calibration Date: 02/09/2025 07:32

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: Rtx-CLP  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0012005.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.95 | 3.92 | 3.98 |
| PCB-1016 Peak 2 | 4.49 | 4.42 | 4.56 |
| PCB-1016 Peak 3 | 5.08 | 5.01 | 5.15 |
| PCB-1016 Peak 4 | 5.25 | 5.18 | 5.32 |
| PCB-1016 Peak 5 | 5.39 | 5.32 | 5.46 |
| PCB-1016 Peak 6 | 5.90 | 5.83 | 5.97 |
| PCB-1016 Peak 7 | 6.07 | 6.00 | 6.14 |
| PCB-1016 Peak 8 | 6.53 | 6.46 | 6.60 |
| PCB-1260 Peak 1 | 7.72 | 7.69 | 7.75 |
| PCB-1260 Peak 2 | 8.03 | 7.96 | 8.10 |
| PCB-1260 Peak 3 | 8.46 | 8.39 | 8.53 |
| PCB-1260 Peak 4 | 9.43 | 9.36 | 9.50 |
| PCB-1260 Peak 5 | 9.90 | 9.83 | 9.97 |
| PCB-1260 Peak 6 | 10.23 | 10.16 | 10.30 |
| PCB-1260 Peak 7 | 10.64 | 10.57 | 10.71 |
| PCB-1260 Peak 8 | 11.21 | 11.14 | 11.28 |
| Tetrachloro-m-xylene | 3.29 | 3.26 | 3.32 |
| DCB Decachlorobiphenyl | 11.74 | 11.71 | 11.77 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012005.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Feb-2025 07:32:46 ALS Bottle#: 61 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:41 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.216 | 2.216 | 0.000 | 130943029 | 20.0 | 20.0 | |
| 2 | 1.902 | 1.902 | 0.000 | 307284032 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.289 | 3.289 | 0.000 | 623256160 | 100.0 | 100.0 | |
| 2 | 2.651 | 2.651 | 0.000 | 1711544726 | 100.0 | 101.4 | |
| | | | | | | RPD = 1.37 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.949 | 3.949 | 0.000 | 101991878 | 1000.0 | 937.9 | |
| 1 | 4.485 | 4.485 | 0.000 | 222907647 | 1000.0 | 944.6 | |
| 1 | 5.081 | 5.081 | 0.000 | 500619821 | 1000.0 | 990.3 | |
| 1 | 5.254 | 5.254 | 0.000 | 189014143 | 1000.0 | 963.0 | |
| 1 | 5.388 | 5.388 | 0.000 | 116498587 | 1000.0 | 947.2 | |
| 1 | 5.895 | 5.895 | 0.000 | 159387158 | 1000.0 | 994.1 | |
| 1 | 6.070 | 6.070 | 0.000 | 160974851 | 1000.0 | 947.2 | |
| 1 | 6.530 | 6.530 | 0.000 | 107958441 | 1000.0 | 890.2 | |
| | | Average of Peak Amounts = | | | | 951.8 | |
| 2 | 3.062 | 3.062 | 0.000 | 239791562 | 1000.0 | 905.0 | |
| 2 | 3.471 | 3.471 | 0.000 | 462451775 | 1000.0 | 933.0 | |
| 2 | 3.700 | 3.700 | 0.000 | 297897036 | 1000.0 | 957.9 | |
| 2 | 4.008 | 4.008 | 0.000 | 1138299123 | 1000.0 | 978.5 | |
| 2 | 4.164 | 4.164 | 0.000 | 443478067 | 1000.0 | 947.1 | |
| 2 | 4.236 | 4.236 | 0.000 | 280463456 | 1000.0 | 985.9 | |
| 2 | 4.656 | 4.656 | 0.000 | 441944742 | 1000.0 | 955.2 | |
| 2 | 5.116 | 5.116 | 0.000 | 190237063 | 1000.0 | 862.6 | |
| | | Average of Peak Amounts = | | | | 940.6 | |
| | | | | | | RPD = 1.18 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.722 | 7.722 | 0.000 | 141577670 | 1000.0 | 945.3 | |
| 1 | 8.030 | 8.030 | 0.000 | 297389359 | 1000.0 | 930.3 | |
| 1 | 8.455 | 8.455 | 0.000 | 362373699 | 1000.0 | 956.9 | |
| 1 | 9.430 | 9.430 | 0.000 | 269092131 | 1000.0 | 1075.3 | |
| 1 | 9.899 | 9.899 | 0.000 | 250142599 | 1000.0 | 1009.1 | |
| 1 | 10.229 | 10.229 | 0.000 | 567479908 | 1000.0 | 1025.2 | |
| 1 | 10.641 | 10.641 | 0.000 | 375898471 | 1000.0 | 1025.4 | |
| 1 | 11.207 | 11.207 | 0.000 | 151090130 | 1000.0 | 1074.7 | |
| | | Average of Peak Amounts = | | | | 1005.3 | |
| 2 | 6.196 | 6.196 | 0.000 | 680992756 | 1000.0 | 1000.9 | |
| 2 | 6.604 | 6.604 | 0.000 | 1073362949 | 1000.0 | 969.5 | |
| 2 | 7.240 | 7.240 | 0.000 | 673606440 | 1000.0 | 1006.8 | |
| 2 | 7.661 | 7.661 | 0.000 | 715542352 | 1000.0 | 1108.0 | |
| 2 | 8.244 | 8.244 | 0.000 | 1789037914 | 1000.0 | 1095.7 | |
| 2 | 8.796 | 8.796 | 0.000 | 862032326 | 1000.0 | 1045.9 | |
| 2 | 8.985 | 8.985 | 0.000 | 489240027 | 1000.0 | 1156.3 | |
| 2 | 9.940 | 9.940 | 0.000 | 428515924 | 1000.0 | 1130.6 | |
| | | Average of Peak Amounts = | | | | 1064.2 | |
| | | | | | | RPD = 5.70 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.744 | 11.744 | 0.000 | 444100665 | 100.0 | 102.9 | |
| 2 | 10.511 | 10.511 | 0.000 | 1291536919 | 100.0 | 108.9 | |
| | | | | | | RPD = 5.64 | |

## Reagents:

SG1660L3_00044 Amount Added: 1.00 Units: mL
SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 09:22:41 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012005.D

Injection Date: 09-Feb-2025 07:32:46 Instrument ID: CPESTGC14 Operator ID:

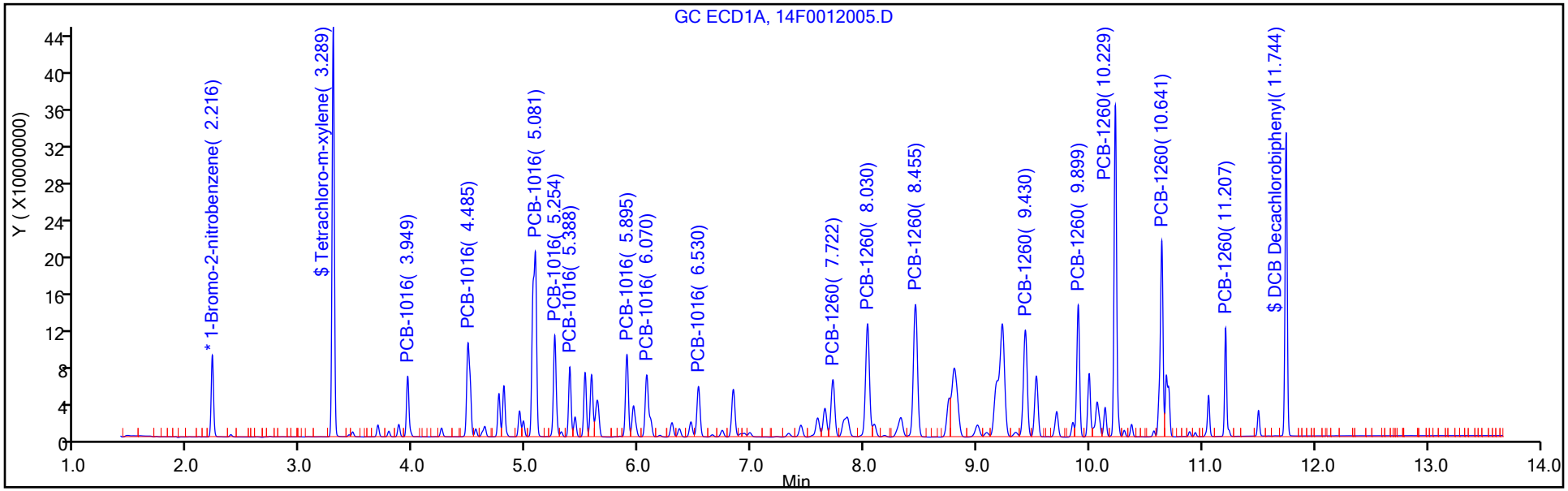
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

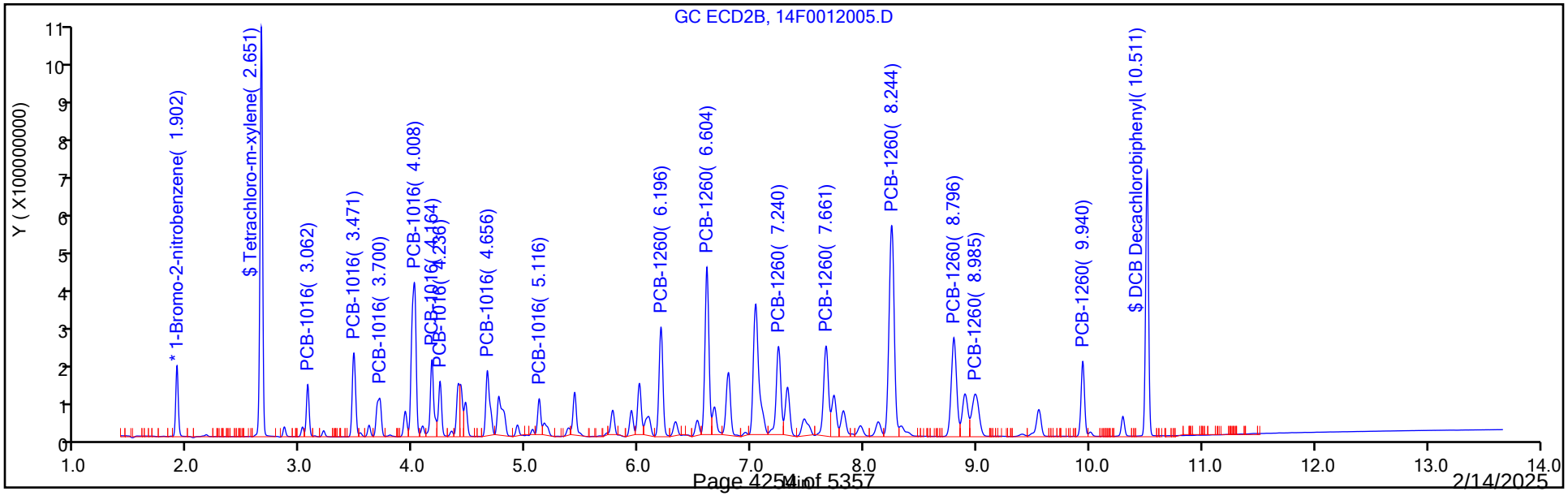
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 61

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020345/2  Calibration Date: 02/09/2025 07:32

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0012005.D  Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| PCB-1016 Peak 1 | Ave | 0.0172 | 0.0156 | | 905 | 1000 | -9.5 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0301 | | 933 | 1000 | -6.7 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0202 | 0.0194 | | 958 | 1000 | -4.2 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0757 | 0.0741 | | 978 | 1000 | -2.2 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0305 | 0.0289 | | 947 | 1000 | -5.3 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0185 | 0.0183 | | 986 | 1000 | -1.4 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0301 | 0.0288 | | 955 | 1000 | -4.5 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0144 | 0.0124 | | 863 | 1000 | -13.7 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0443 | 0.0443 | | 1000 | 1000 | 0.0 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0721 | 0.0699 | | 970 | 1000 | -3.0 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0435 | 0.0438 | | 1010 | 1000 | 0.7 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0420 | 0.0466 | | 1110 | 1000 | 10.8 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1063 | 0.1164 | | 1100 | 1000 | 9.6 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0536 | 0.0561 | | 1050 | 1000 | 4.6 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0275 | 0.0318 | | 1160 | 1000 | 15.6 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0247 | 0.0279 | | 1130 | 1000 | 13.1 | 20.0 |
| Tetrachloro-m-xylene | Ave | 1.099 | 1.114 | | 101 | 100 | 1.4 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.7720 | 0.8406 | | 109 | 100 | 8.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: CCVIS 460-1020345/2  Calibration Date: 02/09/2025 07:32

Instrument ID: CPESTGC14  Calib Start Date: 10/23/2024 10:03

GC Column: CLP-2  ID: 0.53(mm)  Calib End Date: 10/23/2024 11:10

Lab File ID: 14F0012005.D

| Analyte | RT | RT WINDOW | |
|---|---|---|---|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.06 | 2.99 | 3.13 |
| PCB-1016 Peak 2 | 3.47 | 3.40 | 3.54 |
| PCB-1016 Peak 3 | 3.70 | 3.63 | 3.77 |
| PCB-1016 Peak 4 | 4.01 | 3.94 | 4.08 |
| PCB-1016 Peak 5 | 4.16 | 4.09 | 4.23 |
| PCB-1016 Peak 6 | 4.24 | 4.17 | 4.31 |
| PCB-1016 Peak 7 | 4.66 | 4.59 | 4.73 |
| PCB-1016 Peak 8 | 5.12 | 5.05 | 5.19 |
| PCB-1260 Peak 1 | 6.20 | 6.13 | 6.27 |
| PCB-1260 Peak 2 | 6.60 | 6.53 | 6.67 |
| PCB-1260 Peak 3 | 7.24 | 7.17 | 7.31 |
| PCB-1260 Peak 4 | 7.66 | 7.59 | 7.73 |
| PCB-1260 Peak 5 | 8.24 | 8.17 | 8.31 |
| PCB-1260 Peak 6 | 8.80 | 8.73 | 8.87 |
| PCB-1260 Peak 7 | 8.99 | 8.92 | 9.06 |
| PCB-1260 Peak 8 | 9.94 | 9.87 | 10.01 |
| Tetrachloro-m-xylene | 2.65 | 2.60 | 2.70 |
| DCB Decachlorobiphenyl | 10.51 | 10.41 | 10.61 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012005.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Feb-2025 07:32:46 ALS Bottle#: 61 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-002
Operator ID: Instrument ID: CPESTGC14
Sublist: chrom-8082GC14*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:41 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.216 | 2.216 | 0.000 | 130943029 | 20.0 | 20.0 | |
| 2 | 1.902 | 1.902 | 0.000 | 307284032 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.289 | 3.289 | 0.000 | 623256160 | 100.0 | 100.0 | |
| 2 | 2.651 | 2.651 | 0.000 | 1711544726 | 100.0 | 101.4 | |
| | | | | | | RPD = 1.37 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.949 | 3.949 | 0.000 | 101991878 | 1000.0 | 937.9 | |
| 1 | 4.485 | 4.485 | 0.000 | 222907647 | 1000.0 | 944.6 | |
| 1 | 5.081 | 5.081 | 0.000 | 500619821 | 1000.0 | 990.3 | |
| 1 | 5.254 | 5.254 | 0.000 | 189014143 | 1000.0 | 963.0 | |
| 1 | 5.388 | 5.388 | 0.000 | 116498587 | 1000.0 | 947.2 | |
| 1 | 5.895 | 5.895 | 0.000 | 159387158 | 1000.0 | 994.1 | |
| 1 | 6.070 | 6.070 | 0.000 | 160974851 | 1000.0 | 947.2 | |
| 1 | 6.530 | 6.530 | 0.000 | 107958441 | 1000.0 | 890.2 | |
| | | Average of Peak Amounts = | | | | 951.8 | |
| 2 | 3.062 | 3.062 | 0.000 | 239791562 | 1000.0 | 905.0 | |
| 2 | 3.471 | 3.471 | 0.000 | 462451775 | 1000.0 | 933.0 | |
| 2 | 3.700 | 3.700 | 0.000 | 297897036 | 1000.0 | 957.9 | |
| 2 | 4.008 | 4.008 | 0.000 | 1138299123 | 1000.0 | 978.5 | |
| 2 | 4.164 | 4.164 | 0.000 | 443478067 | 1000.0 | 947.1 | |
| 2 | 4.236 | 4.236 | 0.000 | 280463456 | 1000.0 | 985.9 | |
| 2 | 4.656 | 4.656 | 0.000 | 441944742 | 1000.0 | 955.2 | |
| 2 | 5.116 | 5.116 | 0.000 | 190237063 | 1000.0 | 862.6 | |
| | | Average of Peak Amounts = | | | | 940.6 | |
| | | | | | | RPD = 1.18 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.722 | 7.722 | 0.000 | 141577670 | 1000.0 | 945.3 | |
| 1 | 8.030 | 8.030 | 0.000 | 297389359 | 1000.0 | 930.3 | |
| 1 | 8.455 | 8.455 | 0.000 | 362373699 | 1000.0 | 956.9 | |
| 1 | 9.430 | 9.430 | 0.000 | 269092131 | 1000.0 | 1075.3 | |
| 1 | 9.899 | 9.899 | 0.000 | 250142599 | 1000.0 | 1009.1 | |
| 1 | 10.229 | 10.229 | 0.000 | 567479908 | 1000.0 | 1025.2 | |
| 1 | 10.641 | 10.641 | 0.000 | 375898471 | 1000.0 | 1025.4 | |
| 1 | 11.207 | 11.207 | 0.000 | 151090130 | 1000.0 | 1074.7 | |
| | | Average of Peak Amounts = | | | | 1005.3 | |
| 2 | 6.196 | 6.196 | 0.000 | 680992756 | 1000.0 | 1000.9 | |
| 2 | 6.604 | 6.604 | 0.000 | 1073362949 | 1000.0 | 969.5 | |
| 2 | 7.240 | 7.240 | 0.000 | 673606440 | 1000.0 | 1006.8 | |
| 2 | 7.661 | 7.661 | 0.000 | 715542352 | 1000.0 | 1108.0 | |
| 2 | 8.244 | 8.244 | 0.000 | 1789037914 | 1000.0 | 1095.7 | |
| 2 | 8.796 | 8.796 | 0.000 | 862032326 | 1000.0 | 1045.9 | |
| 2 | 8.985 | 8.985 | 0.000 | 489240027 | 1000.0 | 1156.3 | |
| 2 | 9.940 | 9.940 | 0.000 | 428515924 | 1000.0 | 1130.6 | |
| | | Average of Peak Amounts = | | | | 1064.2 | |
| | | | | | | RPD = 5.70 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.744 | 11.744 | 0.000 | 444100665 | 100.0 | 102.9 | |
| 2 | 10.511 | 10.511 | 0.000 | 1291536919 | 100.0 | 108.9 | |
| | | | | | | RPD = 5.64 | |

## Reagents:

SG1660L3_00044 Amount Added: 1.00 Units: mL
SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 09:22:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012005.D

Injection Date: 09-Feb-2025 07:32:46 Instrument ID: CPESTGC14 Operator ID:

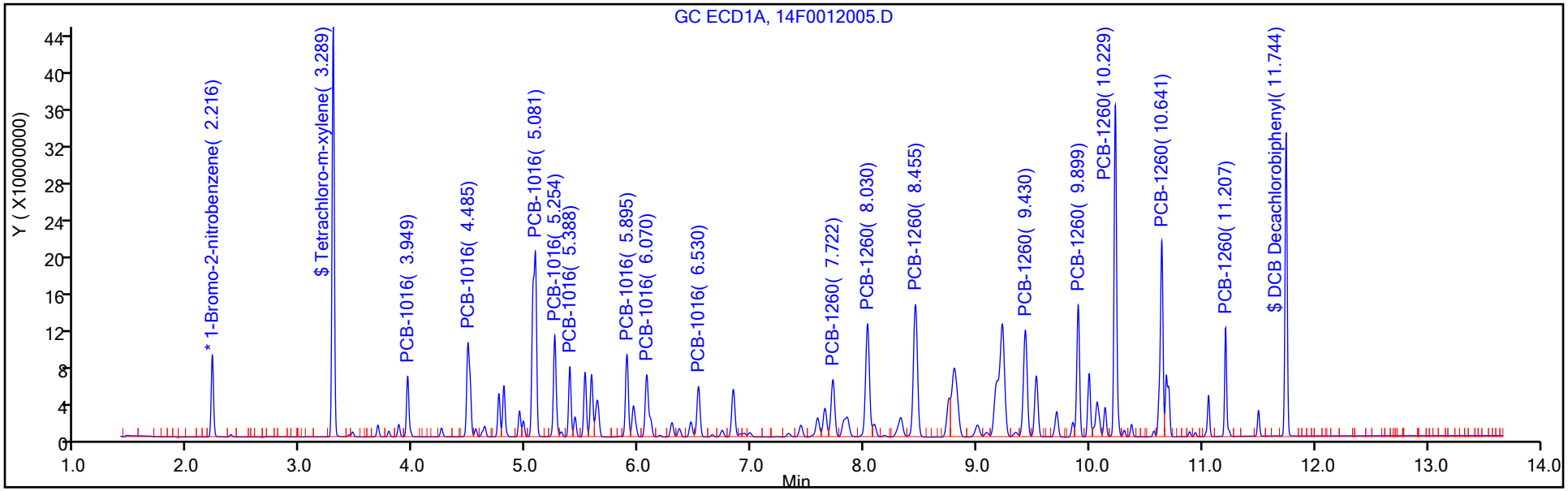
Lims ID: CCVIS Worklist Smp#: 2

Client ID:

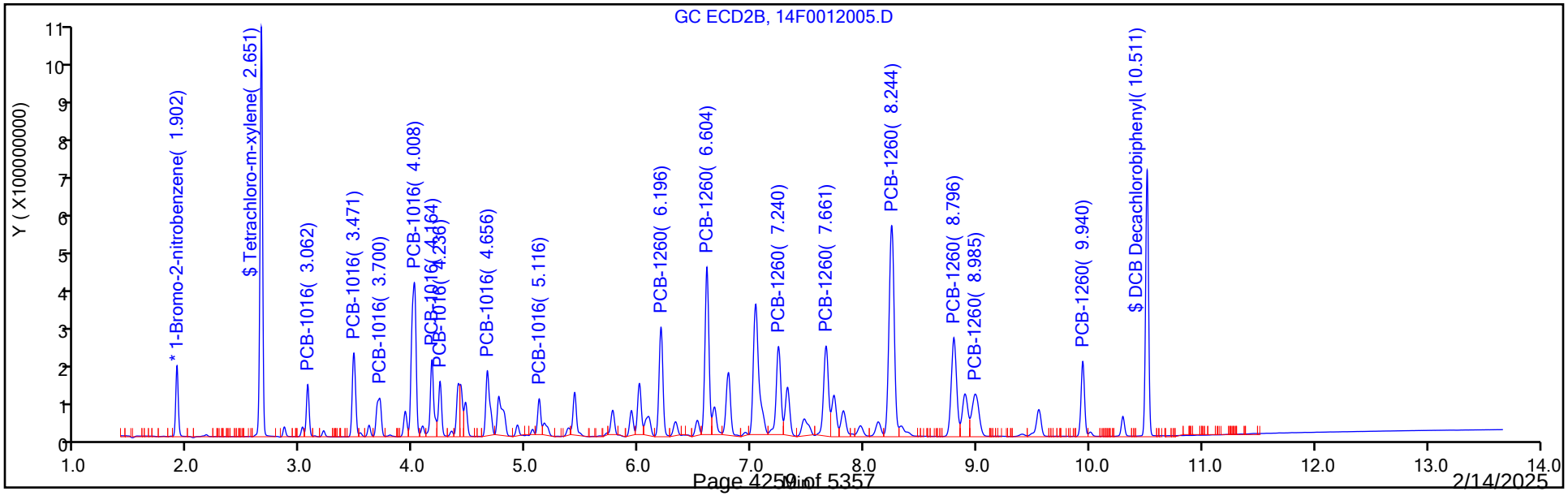
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 61

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1019976/1-A

Matrix: Solid | Lab File ID: 14F0011952.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.067* | *U* | *0.067* | *0.018* |
| *11104-28-2* | *Aroclor 1221* | *0.067* | *U* | *0.067* | *0.018* |
| *11141-16-5* | *Aroclor 1232* | *0.067* | *U* | *0.067* | *0.018* |
| *53469-21-9* | *Aroclor 1242* | *0.067* | *U* | *0.067* | *0.018* |
| *12672-29-6* | *Aroclor 1248* | *0.067* | *U* | *0.067* | *0.018* |
| *11097-69-1* | *Aroclor 1254* | *0.067* | *U* | *0.067* | *0.018* |
| *11096-82-5* | *Aroclor 1260* | *0.067* | *U* | *0.067* | *0.018* |
| *37324-23-5* | *Aroclor-1262* | *0.067* | *U* | *0.067* | *0.018* |
| *11100-14-4* | *Aroclor 1268* | *0.067* | *U* | *0.067* | *0.018* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.067* | *U* | *0.067* | *0.018* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 99 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 93 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D
Lims ID: MB 460-1019976/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 15:33:37 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-008
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 16:26:44

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.223 | 2.225 | -0.002 | 113942894 | 20.0 | 20.0 | |
| 2 | 1.909 | 1.908 | 0.001 | 257095199 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.298 | 3.300 | -0.002 | 253084408 | 50.0 | 46.7 | |
| 2 | 2.658 | 2.658 | 0.000 | 663943831 | 50.0 | 47.0 | |
| | | | | | | RPD = 0.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.785 | 11.787 | -0.002 | 186613723 | 50.0 | 49.7 | |
| 2 | 10.531 | 10.535 | -0.004 | 524055173 | 50.0 | 52.8 | |
| | | | | | | RPD = 6.06 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

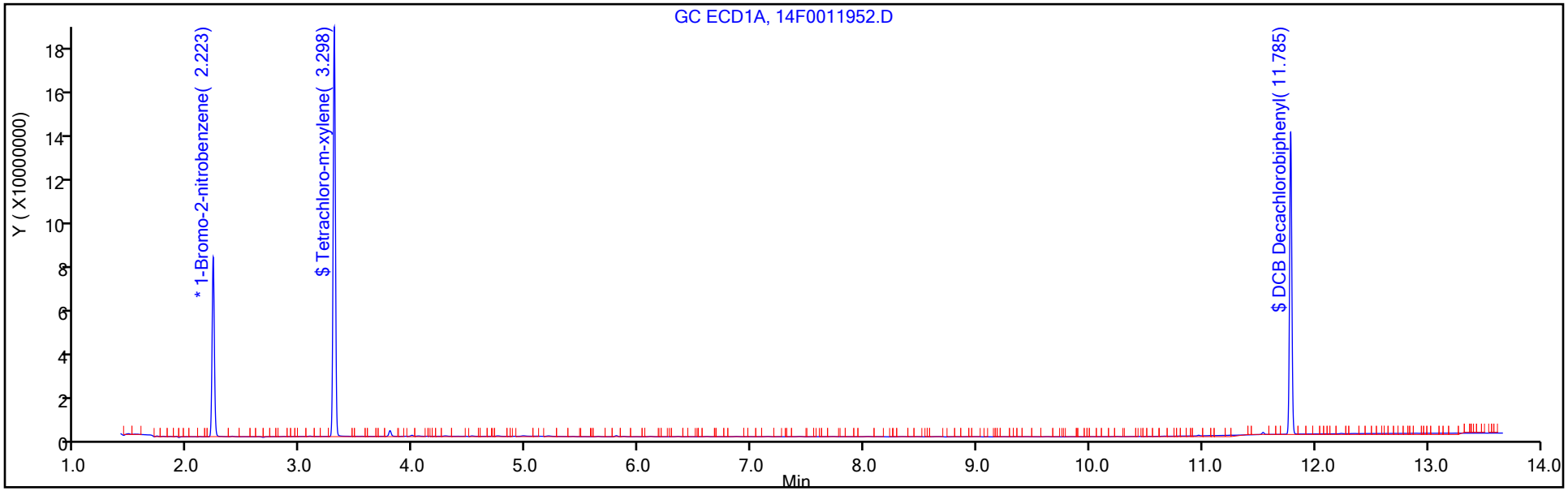
Report Date: 07-Feb-2025 17:41:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

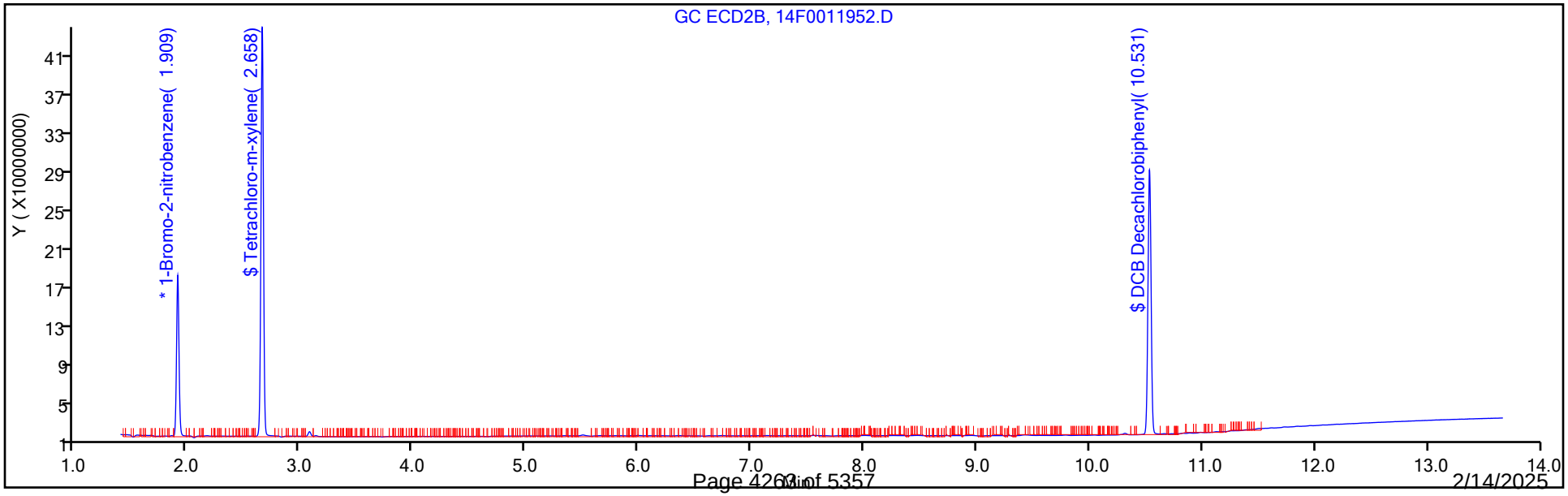
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 15:33:37 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | MB 460-1019976/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D | | | | |
| Lims ID: | MB 460-1019976/1-A | | | | |
| Client ID: | | | | | |
| Sample Type: | MB | | | | |
| Inject. Date: | 07-Feb-2025 15:33:37 | ALS Bottle#: | 8 | Worklist Smp#: | 8 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-008 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |
| First Level Reviewer: C0TZ | | Date: | 07-Feb-2025 16:26:44 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 46.7 | 93.34 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 49.7 | 99.40 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.0 | 94.02 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 52.8 | 105.61 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1019976/1-A

Matrix: Solid | Lab File ID: 14F0011952.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:33

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.067 | U | 0.067 | 0.018 |
| 11104-28-2 | Aroclor 1221 | 0.067 | U | 0.067 | 0.018 |
| 11141-16-5 | Aroclor 1232 | 0.067 | U | 0.067 | 0.018 |
| 53469-21-9 | Aroclor 1242 | 0.067 | U | 0.067 | 0.018 |
| 12672-29-6 | Aroclor 1248 | 0.067 | U | 0.067 | 0.018 |
| 11097-69-1 | Aroclor 1254 | 0.067 | U | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.067 | U | 0.067 | 0.018 |
| 37324-23-5 | Aroclor-1262 | 0.067 | U | 0.067 | 0.018 |
| 11100-14-4 | Aroclor 1268 | 0.067 | U | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.067 | U | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 106 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 94 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D
Lims ID: MB 460-1019976/1-A
Client ID:
Sample Type: MB
Inject. Date: 07-Feb-2025 15:33:37 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-008
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 16:26:44

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.223 | 2.225 | -0.002 | 113942894 | 20.0 | 20.0 | |
| 2 | 1.909 | 1.908 | 0.001 | 257095199 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.298 | 3.300 | -0.002 | 253084408 | 50.0 | 46.7 | |
| 2 | 2.658 | 2.658 | 0.000 | 663943831 | 50.0 | 47.0 | |
| | | | | | | RPD = 0.72 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.785 | 11.787 | -0.002 | 186613723 | 50.0 | 49.7 | |
| 2 | 10.531 | 10.535 | -0.004 | 524055173 | 50.0 | 52.8 | |
| | | | | | | RPD = 6.06 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

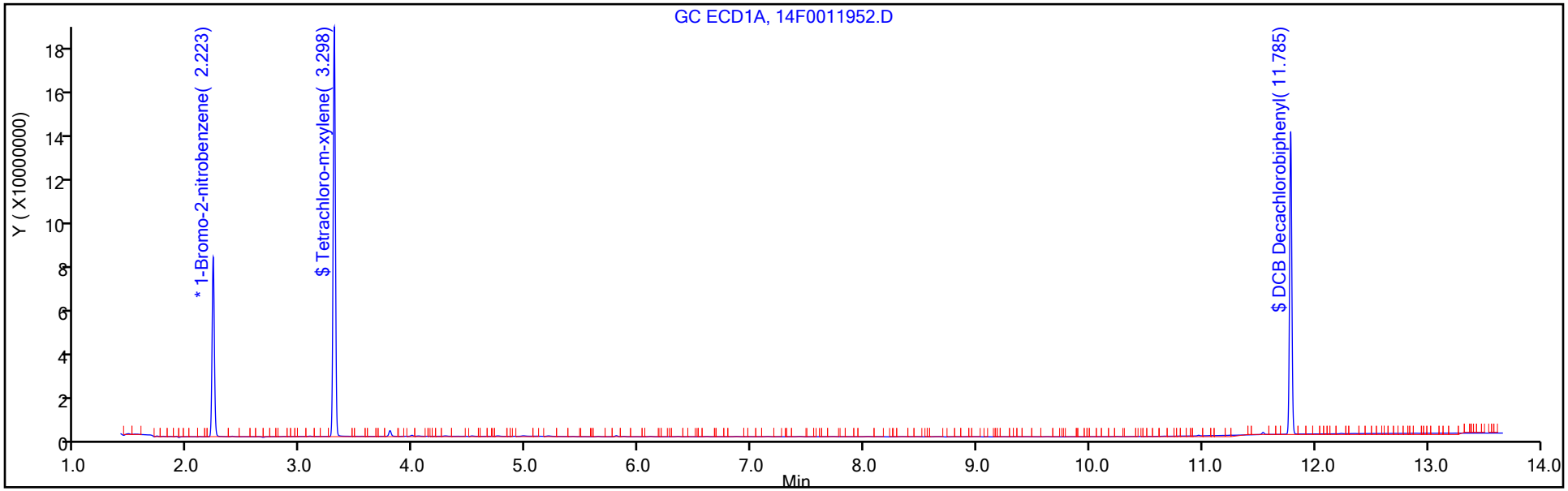
Report Date: 07-Feb-2025 17:41:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

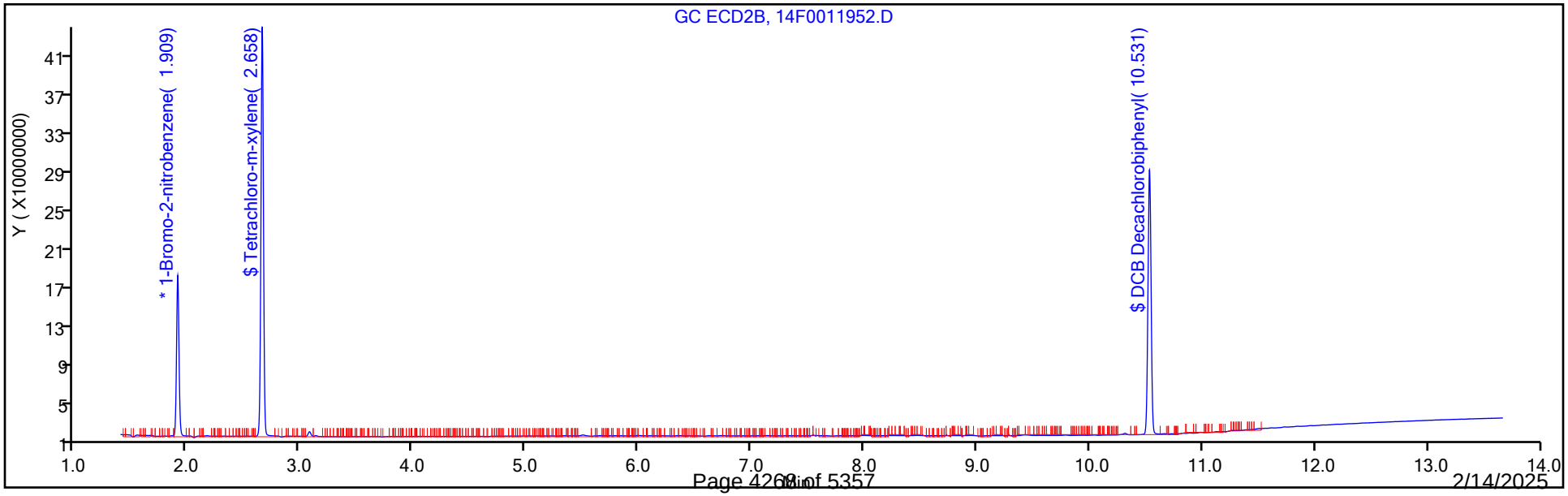
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 15:33:37 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | MB 460-1019976/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 8 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011952.D | | | | |
| Lims ID: | MB 460-1019976/1-A | | | | |
| Client ID: | | | | | |
| Sample Type: | MB | | | | |
| Inject. Date: | 07-Feb-2025 15:33:37 | ALS Bottle#: | 8 | Worklist Smp#: | 8 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-008 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |
| First Level Reviewer: C0TZ | | Date: | 07-Feb-2025 16:26:44 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 46.7 | 93.34 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 49.7 | 99.40 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.0 | 94.02 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 52.8 | 105.61 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020297/1-A

Matrix: Water | Lab File ID: 14F0012011.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.20* | *U* | *0.20* | *0.12* |
| *11104-28-2* | *Aroclor 1221* | *0.20* | *U* | *0.20* | *0.12* |
| *11141-16-5* | *Aroclor 1232* | *0.20* | *U* | *0.20* | *0.12* |
| *53469-21-9* | *Aroclor 1242* | *0.20* | *U* | *0.20* | *0.12* |
| *12672-29-6* | *Aroclor 1248* | *0.20* | *U* | *0.20* | *0.12* |
| *11097-69-1* | *Aroclor 1254* | *0.20* | *U* | *0.20* | *0.11* |
| *11096-82-5* | *Aroclor 1260* | *0.20* | *U* | *0.20* | *0.11* |
| *37324-23-5* | *Aroclor-1262* | *0.20* | *U* | *0.20* | *0.11* |
| *11100-14-4* | *Aroclor 1268* | *0.20* | *U* | *0.20* | *0.11* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.20* | *U* | *0.20* | *0.12* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 92 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D
Lims ID: MB 460-1020297/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:12:40 ALS Bottle#: 67 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-008
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 09:20:01

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.220 | 2.216 | 0.004 | 107094910 | 20.0 | 20.0 | |
| 2 | 1.907 | 1.902 | 0.005 | 256374930 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.294 | 3.289 | 0.005 | 467471892 | 100.0 | 91.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1309110668 | 100.0 | 93.0 | |
| | | | | | | RPD = 1.34 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.764 | 11.744 | 0.020 | 200206763 | 100.0 | 56.7 | |
| 2 | 10.521 | 10.511 | 0.010 | 559316027 | 100.0 | 56.5 | |
| | | | | | | RPD = 0.37 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

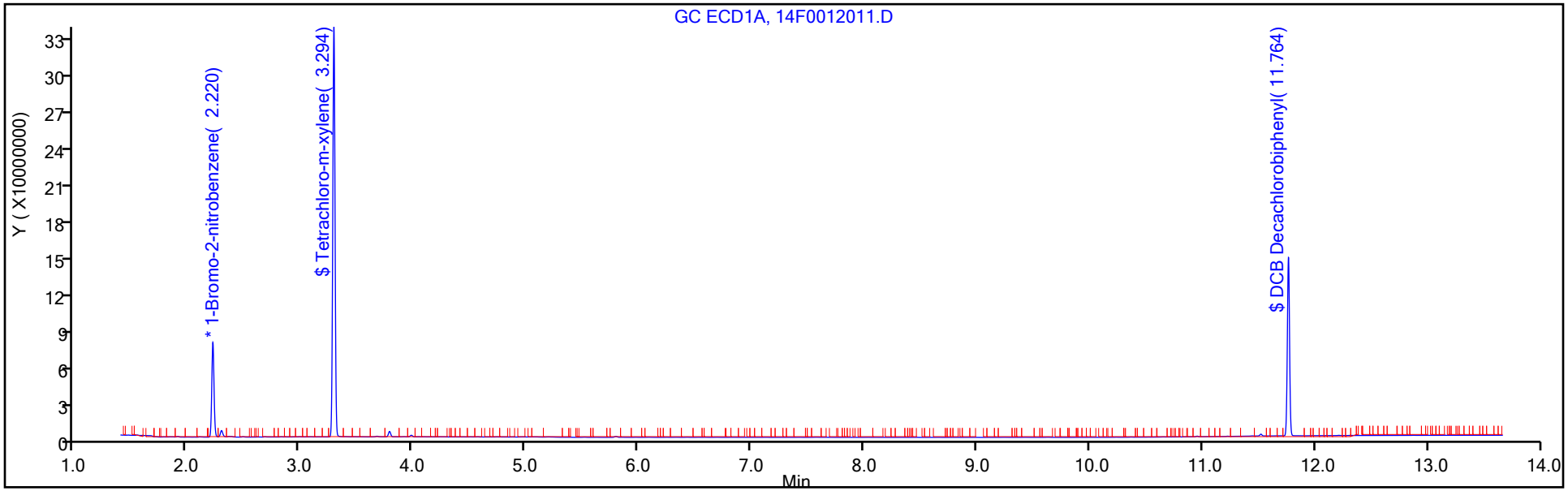
Report Date: 10-Feb-2025 09:22:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

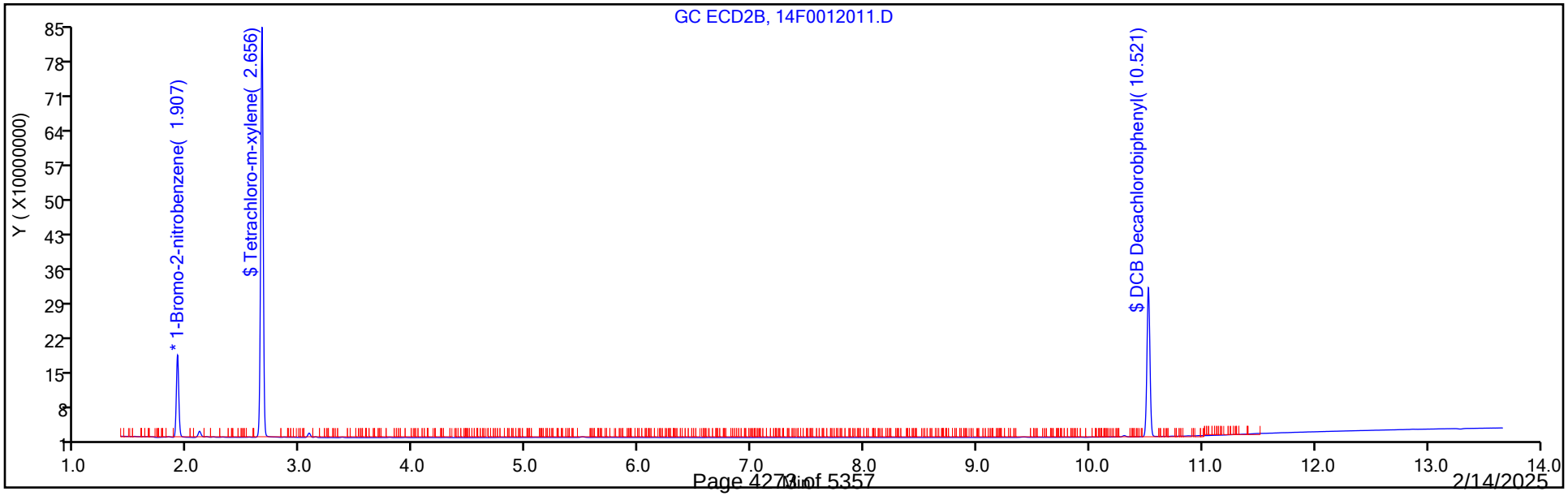
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:12:40 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | MB 460-1020297/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 67 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D | | | | |
| Lims ID: | MB 460-1020297/1-A | | | | |
| Client ID: | | | | | |
| Sample Type: | MB | | | | |
| Inject. Date: | 09-Feb-2025 09:12:40 | ALS Bottle#: | 67 | Worklist Smp#: | 8 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-008 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 09:22:18 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |
| First Level Reviewer: C0TZ | | Date: | 10-Feb-2025 09:20:01 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 91.7 | 91.72 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.7 | 56.73 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 93.0 | 92.95 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.5 | 56.52 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-1020297/1-A

Matrix: Water | Lab File ID: 14F0012011.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 09:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.20 | U | 0.20 | 0.12 |
| 11104-28-2 | Aroclor 1221 | 0.20 | U | 0.20 | 0.12 |
| 11141-16-5 | Aroclor 1232 | 0.20 | U | 0.20 | 0.12 |
| 53469-21-9 | Aroclor 1242 | 0.20 | U | 0.20 | 0.12 |
| 12672-29-6 | Aroclor 1248 | 0.20 | U | 0.20 | 0.12 |
| 11097-69-1 | Aroclor 1254 | 0.20 | U | 0.20 | 0.11 |
| 11096-82-5 | Aroclor 1260 | 0.20 | U | 0.20 | 0.11 |
| 37324-23-5 | Aroclor-1262 | 0.20 | U | 0.20 | 0.11 |
| 11100-14-4 | Aroclor 1268 | 0.20 | U | 0.20 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 93 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D
Lims ID: MB 460-1020297/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:12:40 ALS Bottle#: 67 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-008
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 09:20:01

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.220 | 2.216 | 0.004 | 107094910 | 20.0 | 20.0 | |
| 2 | 1.907 | 1.902 | 0.005 | 256374930 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.294 | 3.289 | 0.005 | 467471892 | 100.0 | 91.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1309110668 | 100.0 | 93.0 | |
| | | | | | | RPD = 1.34 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.764 | 11.744 | 0.020 | 200206763 | 100.0 | 56.7 | |
| 2 | 10.521 | 10.511 | 0.010 | 559316027 | 100.0 | 56.5 | |
| | | | | | | RPD = 0.37 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

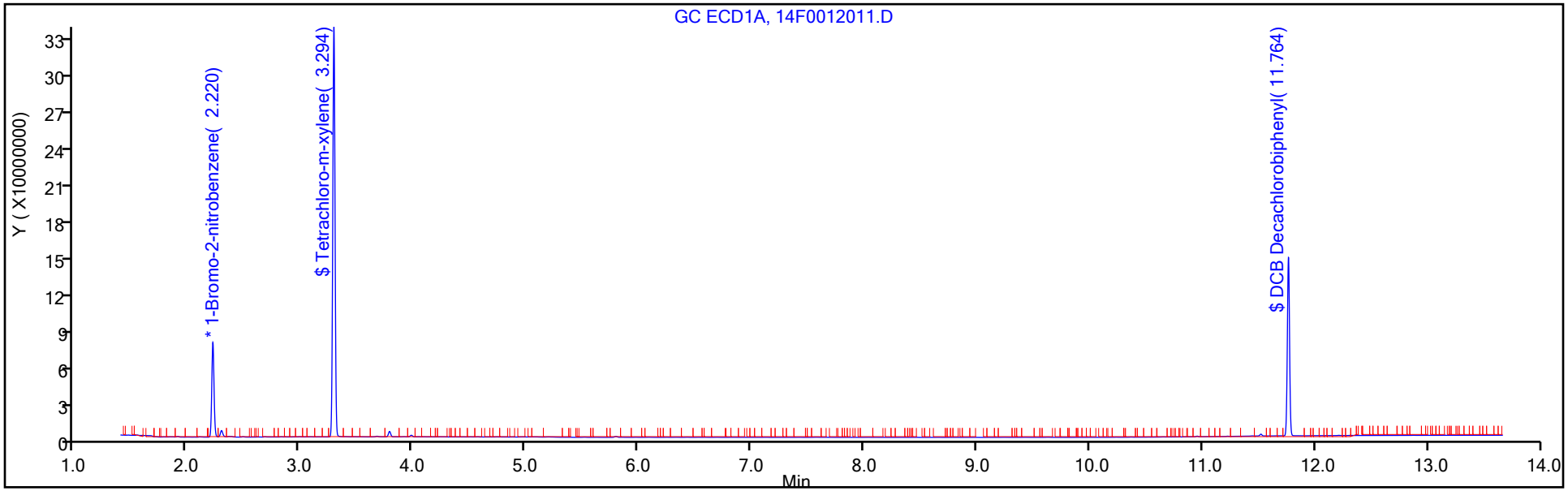
Report Date: 10-Feb-2025 09:22:25 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

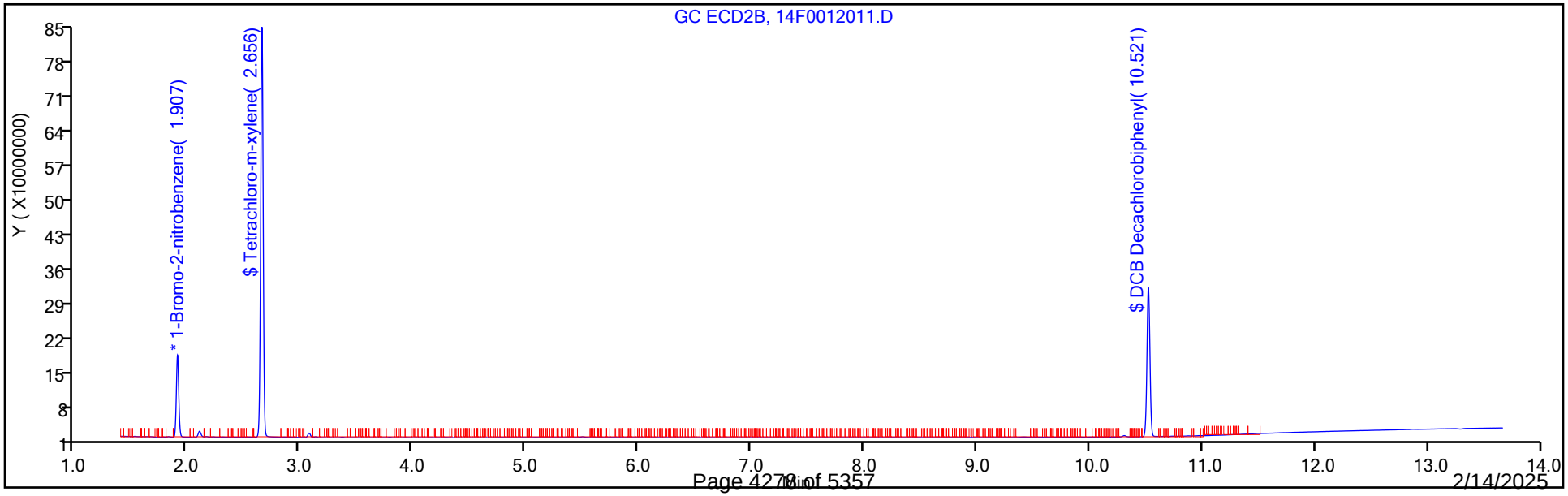
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 09:12:40 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | MB 460-1020297/1-A | | | Worklist Smp#: | 8 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 67 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012011.D
Lims ID: MB 460-1020297/1-A
Client ID:
Sample Type: MB
Inject. Date: 09-Feb-2025 09:12:40 ALS Bottle#: 67 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-008
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: C0TZ Date: 10-Feb-2025 09:20:01

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 91.7 | 91.72 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.7 | 56.73 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 93.0 | 92.95 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.5 | 56.52 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020184/1

Matrix: Solid | Lab File ID: 14F0011945.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 13:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.20 | U | 0.20 | 0.12 |
| 11104-28-2 | Aroclor 1221 | 0.20 | U | 0.20 | 0.12 |
| 11141-16-5 | Aroclor 1232 | 0.20 | U | 0.20 | 0.12 |
| 53469-21-9 | Aroclor 1242 | 0.20 | U | 0.20 | 0.12 |
| 12672-29-6 | Aroclor 1248 | 0.20 | U | 0.20 | 0.12 |
| 11097-69-1 | Aroclor 1254 | 0.20 | U | 0.20 | 0.11 |
| 11096-82-5 | Aroclor 1260 | 0.20 | U | 0.20 | 0.11 |
| 37324-23-5 | Aroclor-1262 | 0.20 | U | 0.20 | 0.11 |
| 11100-14-4 | Aroclor 1268 | 0.20 | U | 0.20 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.20 | U | 0.20 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 112 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 115 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 13:36:36 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-001
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 14:35:49

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.225 | 2.225 | 0.000 | 120040210 | 20.0 | 20.0 | |
| 2 | 1.910 | 1.908 | 0.002 | 293894574 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.300 | 3.300 | 0.000 | 130921540 | 20.0 | 22.9 | |
| 2 | 2.659 | 2.658 | 0.001 | 342921818 | 20.0 | 21.2 | |
| | | | | | | RPD = 7.59 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.779 | 11.787 | -0.008 | 88958085 | 20.0 | 22.5 | |
| 2 | 10.531 | 10.535 | -0.004 | 233472393 | 20.0 | 20.6 | |
| | | | | | | RPD = 8.86 | |

## Reagents:

| | | | |
|---|---|---|---|
| SGPIBLK_00036 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

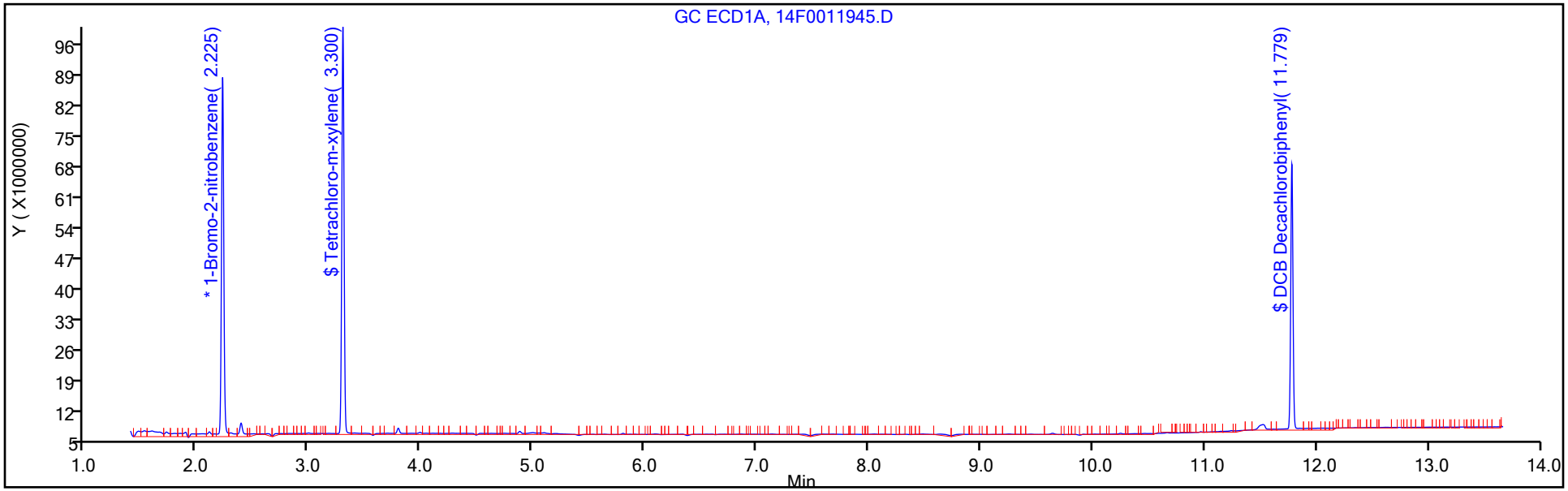
Report Date: 07-Feb-2025 17:41:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

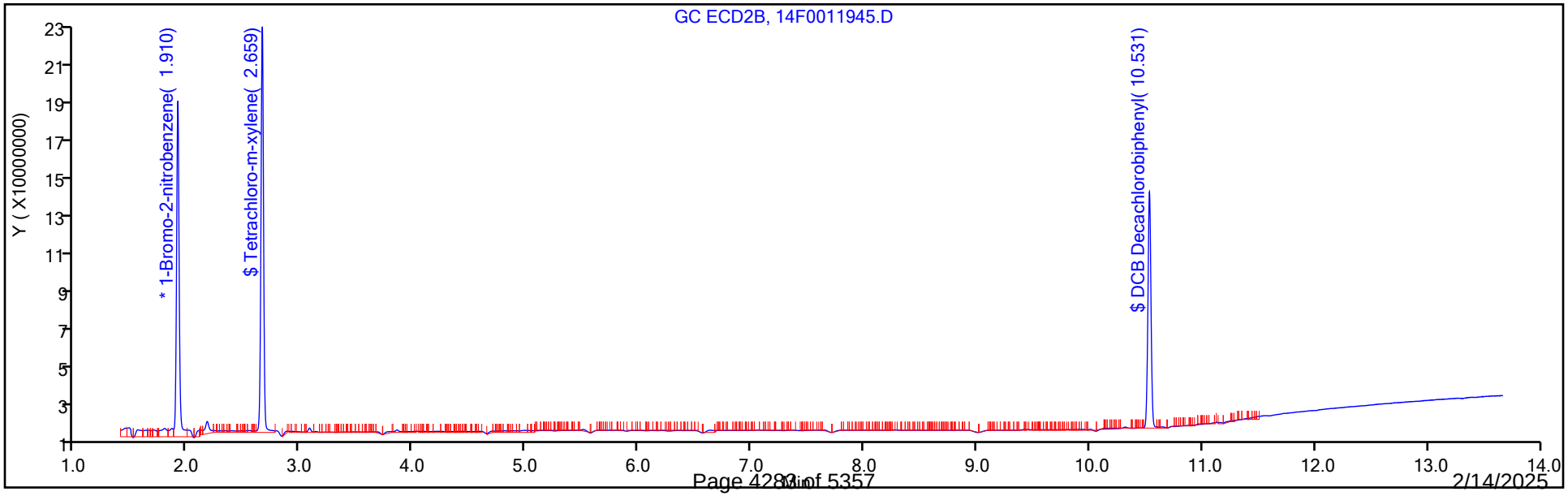
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 13:36:36 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D | | | | |
| Lims ID: | PIBLK | | | | |
| Client ID: | | | | | |
| Sample Type: | PIBLK | | | | |
| Inject. Date: | 07-Feb-2025 13:36:36 | ALS Bottle#: | 1 | Worklist Smp#: | 1 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-001 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |
| First Level Reviewer: C0TZ | | Date: | 07-Feb-2025 14:35:49 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 22.9 | 114.58 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 22.5 | 112.44 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 21.2 | 106.20 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 20.6 | 102.90 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020184/1

Matrix: Solid | Lab File ID: 14F0011945.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/07/2025 13:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.20* | *U* | *0.20* | *0.12* |
| *11104-28-2* | *Aroclor 1221* | *0.20* | *U* | *0.20* | *0.12* |
| *11141-16-5* | *Aroclor 1232* | *0.20* | *U* | *0.20* | *0.12* |
| *53469-21-9* | *Aroclor 1242* | *0.20* | *U* | *0.20* | *0.12* |
| *12672-29-6* | *Aroclor 1248* | *0.20* | *U* | *0.20* | *0.12* |
| *11097-69-1* | *Aroclor 1254* | *0.20* | *U* | *0.20* | *0.11* |
| *11096-82-5* | *Aroclor 1260* | *0.20* | *U* | *0.20* | *0.11* |
| *37324-23-5* | *Aroclor-1262* | *0.20* | *U* | *0.20* | *0.11* |
| *11100-14-4* | *Aroclor 1268* | *0.20* | *U* | *0.20* | *0.11* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.20* | *U* | *0.20* | *0.12* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 103 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 106 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 13:36:36 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-001
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 14:35:49

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.225 | 2.225 | 0.000 | 120040210 | 20.0 | 20.0 | |
| 2 | 1.910 | 1.908 | 0.002 | 293894574 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.300 | 3.300 | 0.000 | 130921540 | 20.0 | 22.9 | |
| 2 | 2.659 | 2.658 | 0.001 | 342921818 | 20.0 | 21.2 | |
| | | | | | | RPD = 7.59 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.779 | 11.787 | -0.008 | 88958085 | 20.0 | 22.5 | |
| 2 | 10.531 | 10.535 | -0.004 | 233472393 | 20.0 | 20.6 | |
| | | | | | | RPD = 8.86 | |

## Reagents:

| | | | |
|---|---|---|---|
| SGPIBLK_00036 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

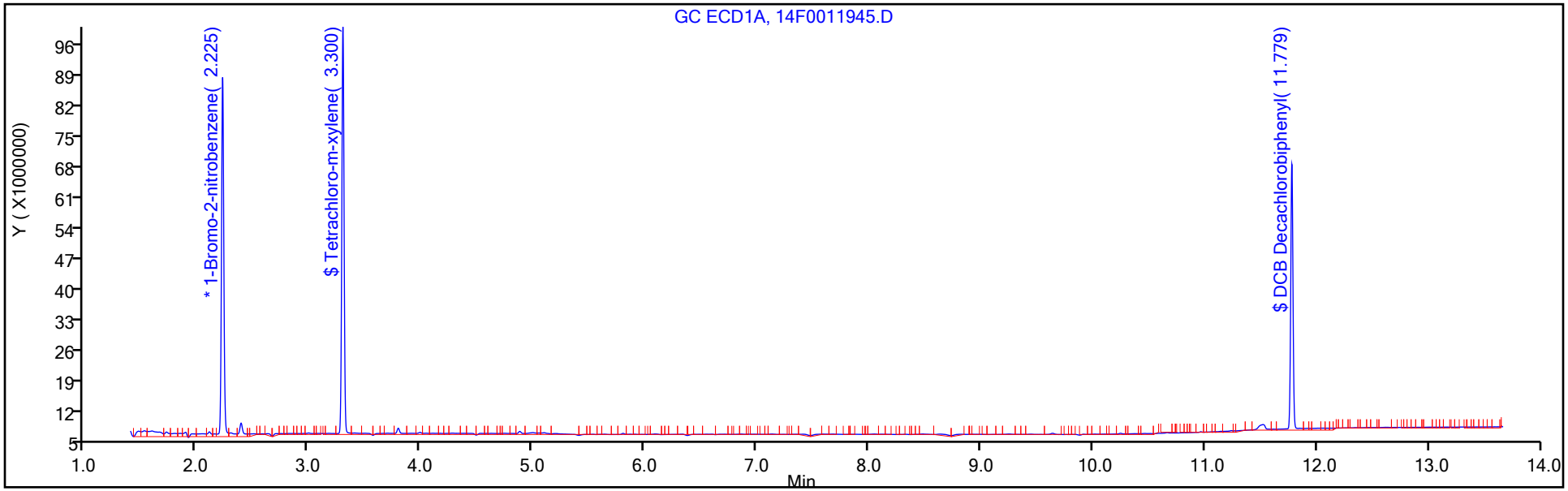
Report Date: 07-Feb-2025 17:41:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

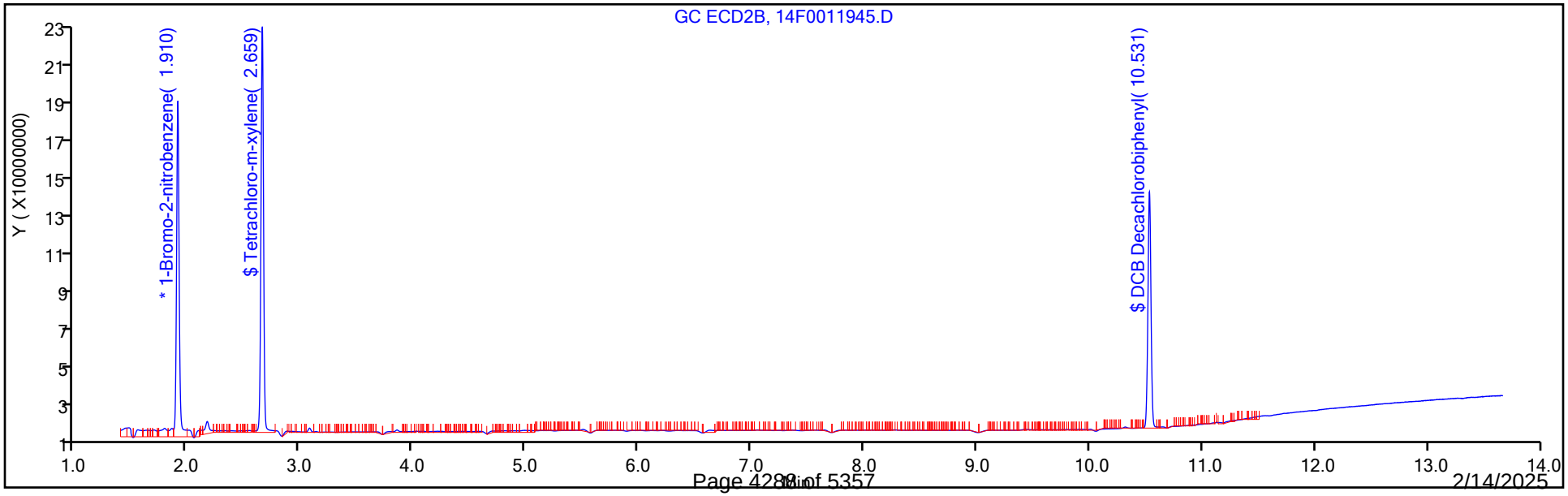
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 13:36:36 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011945.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 07-Feb-2025 13:36:36 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-001
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 14:35:49

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 22.9 | 114.58 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 22.5 | 112.44 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 21.2 | 106.20 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 20.6 | 102.90 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020345/1

Matrix: Water | Lab File ID: 14F0012004.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/09/2025 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.40 | U | 0.40 | 0.12 |
| 11104-28-2 | Aroclor 1221 | 0.40 | U | 0.40 | 0.12 |
| 11141-16-5 | Aroclor 1232 | 0.40 | U | 0.40 | 0.12 |
| 53469-21-9 | Aroclor 1242 | 0.40 | U | 0.40 | 0.12 |
| 12672-29-6 | Aroclor 1248 | 0.40 | U | 0.40 | 0.12 |
| 11097-69-1 | Aroclor 1254 | 0.40 | U | 0.40 | 0.11 |
| 11096-82-5 | Aroclor 1260 | 0.40 | U | 0.40 | 0.11 |
| 37324-23-5 | Aroclor-1262 | 0.40 | U | 0.40 | 0.11 |
| 11100-14-4 | Aroclor 1268 | 0.40 | U | 0.40 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.40 | U | 0.40 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 118 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 123 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:16:06 ALS Bottle#: 60 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186669-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: DSH5 Date: 09-Feb-2025 07:52:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.210 | 2.216 | -0.006 | 120313153 | 20.0 | 20.0 | |
| 2 | 1.895 | 1.902 | -0.007 | 308319950 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.282 | 3.289 | -0.007 | 140610510 | 20.0 | 24.6 | |
| 2 | 2.642 | 2.651 | -0.009 | 346653117 | 20.0 | 20.5 | |
| | | | | | | RPD = 18.17 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.737 | 11.744 | -0.007 | 93177817 | 20.0 | 23.5 | |
| 2 | 10.504 | 10.511 | -0.007 | 251755560 | 20.0 | 21.2 | |
| | | | | | | RPD = 10.51 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | |
|---|---|---|---|
| SGPIBLK_00036 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

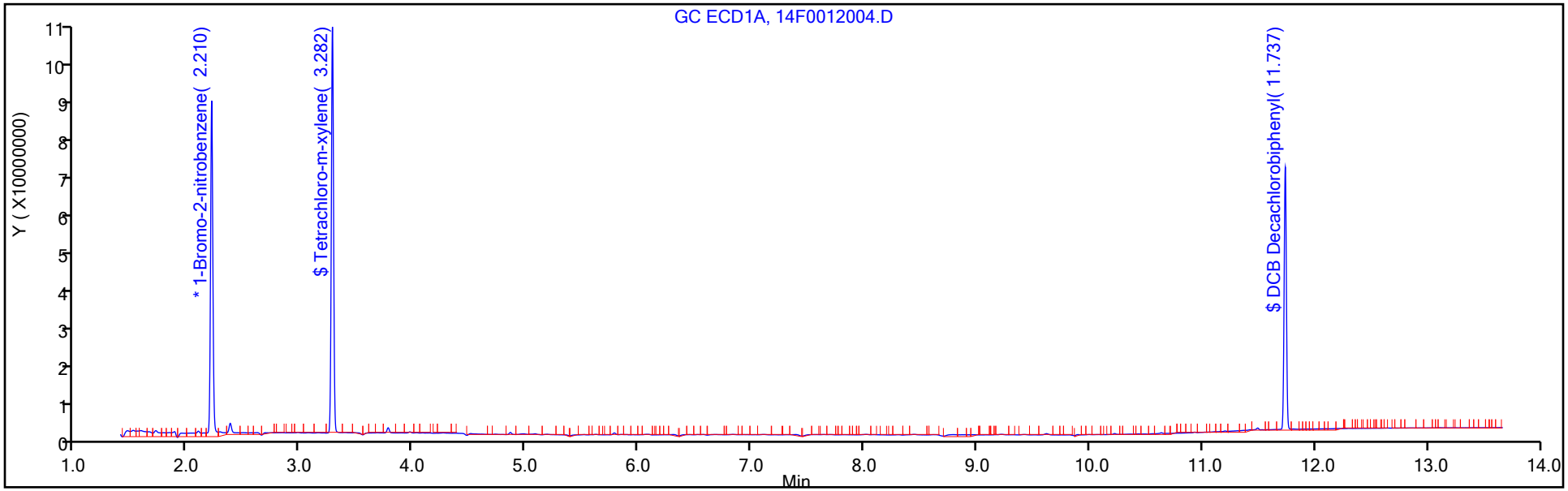
Report Date: 10-Feb-2025 09:22:38 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

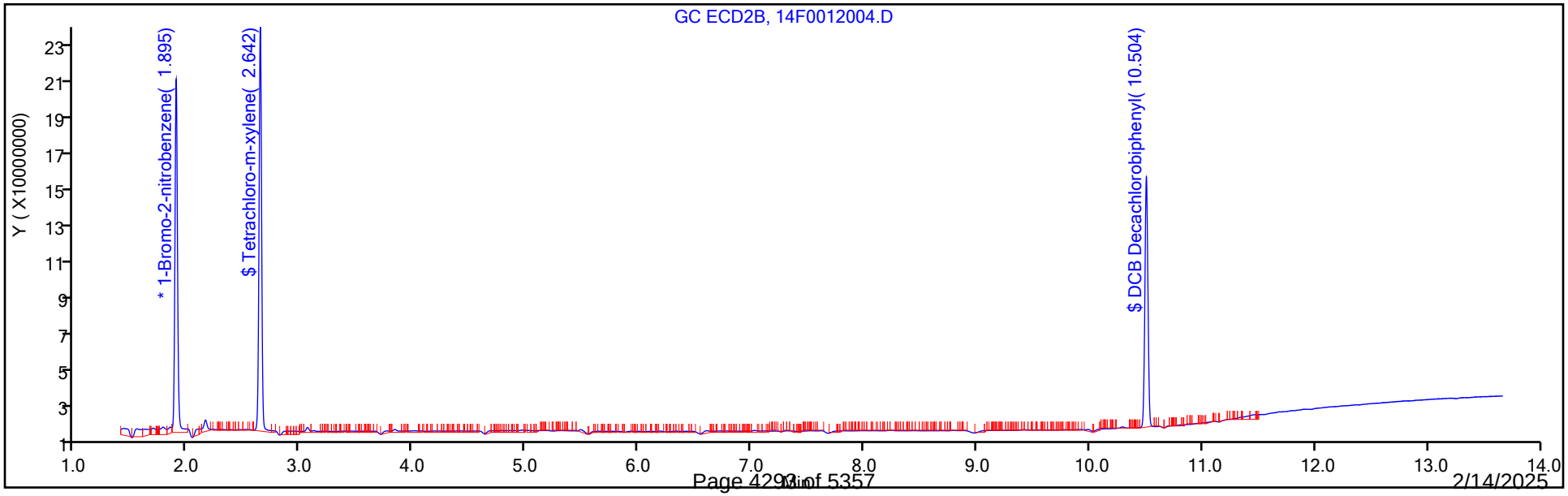
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:16:06 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 60 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)



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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:16:06 ALS Bottle#: 60 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186669-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: DSH5 Date: 09-Feb-2025 07:52:07

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 24.6 | 122.79 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 23.5 | 117.51 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 20.5 | 102.33 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 21.2 | 105.77 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-1020345/1

Matrix: Water | Lab File ID: 14F0012004.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 02/09/2025 07:16

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.40* | *U* | *0.40* | *0.12* |
| *11104-28-2* | *Aroclor 1221* | *0.40* | *U* | *0.40* | *0.12* |
| *11141-16-5* | *Aroclor 1232* | *0.40* | *U* | *0.40* | *0.12* |
| *53469-21-9* | *Aroclor 1242* | *0.40* | *U* | *0.40* | *0.12* |
| *12672-29-6* | *Aroclor 1248* | *0.40* | *U* | *0.40* | *0.12* |
| *11097-69-1* | *Aroclor 1254* | *0.40* | *U* | *0.40* | *0.11* |
| *11096-82-5* | *Aroclor 1260* | *0.40* | *U* | *0.40* | *0.11* |
| *37324-23-5* | *Aroclor-1262* | *0.40* | *U* | *0.40* | *0.11* |
| *11100-14-4* | *Aroclor 1268* | *0.40* | *U* | *0.40* | *0.11* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.40* | *U* | *0.40* | *0.12* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 106 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 102 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:16:06 ALS Bottle#: 60 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186669-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: DSH5 Date: 09-Feb-2025 07:52:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.210 | 2.216 | -0.006 | 120313153 | 20.0 | 20.0 | |
| 2 | 1.895 | 1.902 | -0.007 | 308319950 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.282 | 3.289 | -0.007 | 140610510 | 20.0 | 24.6 | |
| 2 | 2.642 | 2.651 | -0.009 | 346653117 | 20.0 | 20.5 | |
| | | | | | | RPD = 18.17 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.737 | 11.744 | -0.007 | 93177817 | 20.0 | 23.5 | |
| 2 | 10.504 | 10.511 | -0.007 | 251755560 | 20.0 | 21.2 | |
| | | | | | | RPD = 10.51 | |

## QC Flag Legend

Processing Flags

## Reagents:

| | | | |
|---|---|---|---|
| SGPIBLK_00036 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00031 | Amount Added: 20.00 | Units: uL | Run Reagent |

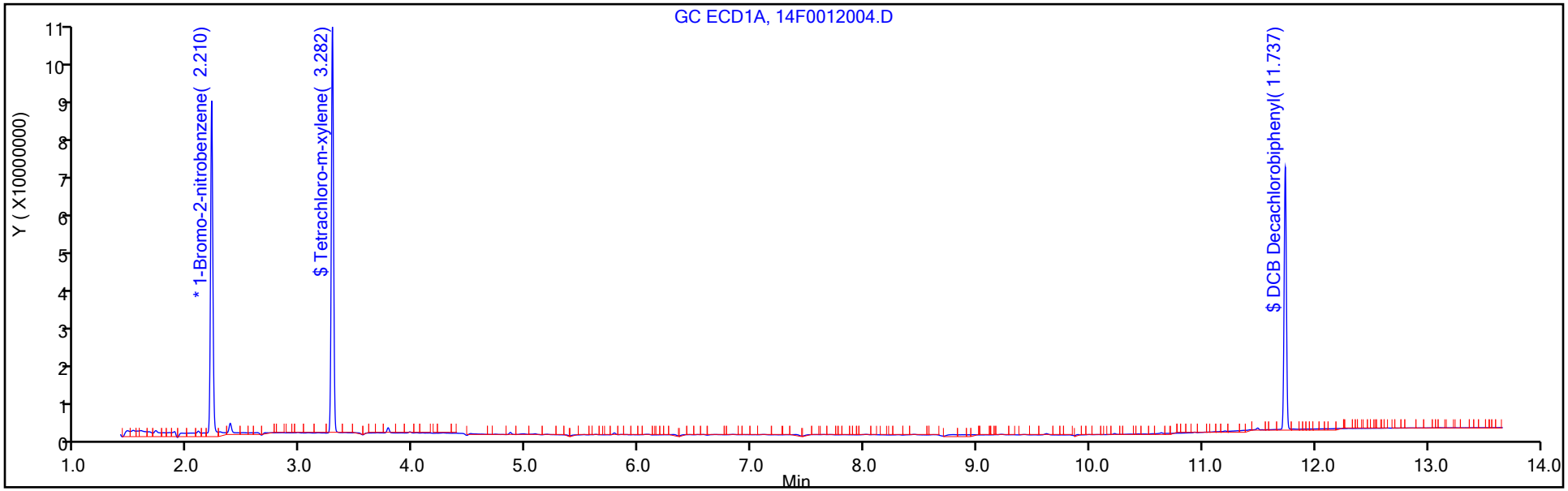
Report Date: 10-Feb-2025 09:22:38 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

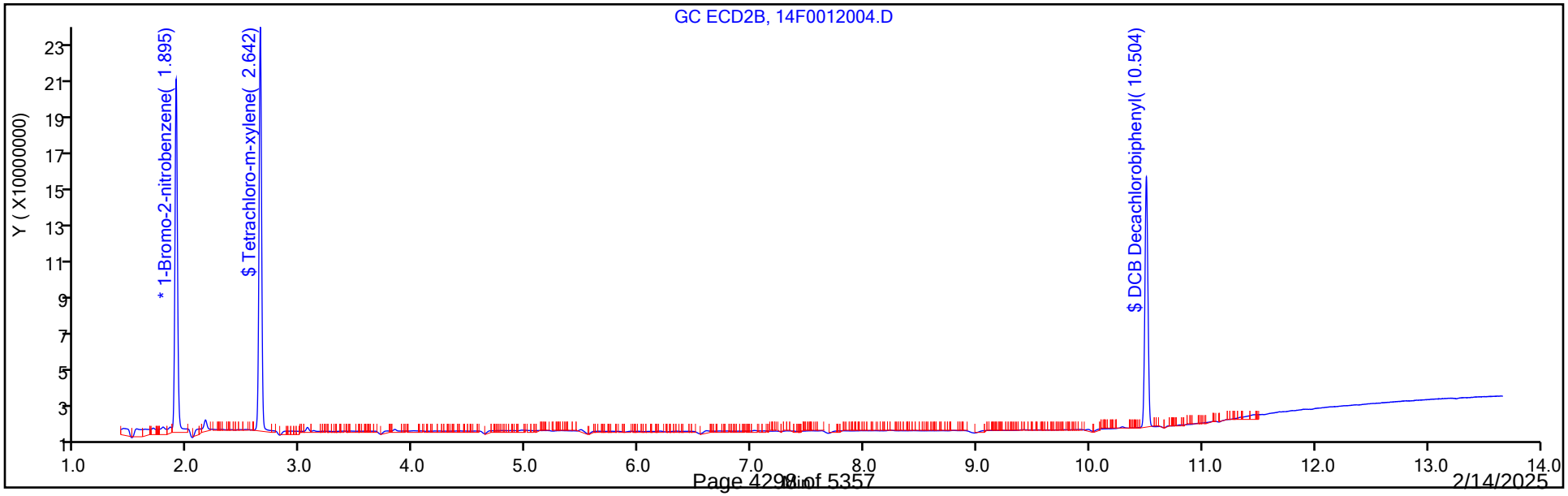
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 07:16:06 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | PIBLK | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 60 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012004.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 09-Feb-2025 07:16:06 ALS Bottle#: 60 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186669-029
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

First Level Reviewer: DSH5 Date: 09-Feb-2025 07:52:07

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 24.6 | 122.79 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 23.5 | 117.51 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 20.0 | 20.5 | 102.33 |
| $ 11 DCB Decachlorobiphenyl | 20.0 | 21.2 | 105.77 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1019976/2-A

Matrix: Solid | Lab File ID: 14F0011950.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.341* | | *0.067* | *0.018* |
| *11096-82-5* | *Aroclor 1260* | *0.355* | | *0.067* | *0.018* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.696* | | *0.067* | *0.018* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 96 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D
Lims ID: LCS 460-1019976/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 15:00:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 111575295 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 250918954 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 253863508 | 50.0 | 47.8 | |
| 2 | 2.656 | 2.658 | -0.002 | 673954463 | 50.0 | 48.9 | |
| | | | | | | RPD = 2.25 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 46798945 | 500.0 | 505.0 | |
| 1 | 4.493 | 4.498 | -0.005 | 96989565 | 500.0 | 482.4 | |
| 1 | 5.090 | 5.095 | -0.005 | 209737794 | 500.0 | 486.9 | |
| 1 | 5.264 | 5.268 | -0.004 | 81944126 | 500.0 | 490.0 | |
| 1 | 5.397 | 5.403 | -0.006 | 50513378 | 500.0 | 482.0 | |
| 1 | 5.906 | 5.910 | -0.004 | 69511453 | 500.0 | 508.8 | |
| 1 | 6.082 | 6.088 | -0.006 | 78712211 | 500.0 | 543.6 | |
| 1 | 6.542 | 6.548 | -0.006 | 61160591 | 500.0 | 591.9 | |
| | | Average of Peak Amounts = | | | | 511.3 | |
| 2 | 3.069 | 3.069 | 0.000 | 106980908 | 500.0 | 494.4 | |
| 2 | 3.478 | 3.480 | -0.002 | 192779749 | 500.0 | 476.3 | |
| 2 | 3.708 | 3.708 | 0.000 | 124630514 | 500.0 | 490.8 | |
| 2 | 4.016 | 4.017 | -0.001 | 452626429 | 500.0 | 476.5 | |
| 2 | 4.171 | 4.173 | -0.002 | 175243922 | 500.0 | 458.3 | |
| 2 | 4.244 | 4.245 | -0.001 | 110893669 | 500.0 | 477.4 | |
| 2 | 4.663 | 4.667 | -0.004 | 182013637 | 500.0 | 481.7 | |
| 2 | 5.124 | 5.126 | -0.002 | 89550158 | 500.0 | 497.3 | |
| | | Average of Peak Amounts = | | | | 481.6 | |
| | | | | | | RPD = 5.99 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.736 | 7.743 | -0.007 | 64314874 | 500.0 | 504.0 | |
| 1 | 8.044 | 8.053 | -0.009 | 134545846 | 500.0 | 493.9 | |
| 1 | 8.471 | 8.479 | -0.008 | 164179762 | 500.0 | 508.8 | |
| 1 | 9.443 | 9.450 | -0.007 | 121092033 | 500.0 | 567.9 | |
| 1 | 9.911 | 9.918 | -0.007 | 113031611 | 500.0 | 535.1 | |
| 1 | 10.242 | 10.249 | -0.007 | 253298121 | 500.0 | 537.0 | |
| 1 | 10.657 | 10.668 | -0.011 | 168397715 | 500.0 | 539.1 | |
| 1 | 11.229 | 11.244 | -0.015 | 68157461 | 500.0 | 569.0 | |
| | | Average of Peak Amounts = | | | | 531.8 | |
| 2 | 6.207 | 6.210 | -0.003 | 301037483 | 500.0 | 541.8 | |
| 2 | 6.616 | 6.618 | -0.002 | 477713641 | 500.0 | 528.4 | |
| 2 | 7.254 | 7.258 | -0.004 | 309421227 | 500.0 | 566.3 | |
| 2 | 7.676 | 7.678 | -0.002 | 316212367 | 500.0 | 599.7 | |
| 2 | 8.259 | 8.262 | -0.003 | 749322366 | 500.0 | 562.0 | |
| 2 | 8.812 | 8.818 | -0.006 | 365066187 | 500.0 | 542.4 | |
| 2 | 9.003 | 9.003 | 0.000 | 212401028 | 500.0 | 614.8 | |
| 2 | 9.952 | 9.958 | -0.006 | 182440142 | 500.0 | 589.5 | |
| | | Average of Peak Amounts = | | | | 568.1 | |
| | | | | | | RPD = 6.60 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.768 | 11.787 | -0.019 | 184427407 | 50.0 | 50.2 | |
| 2 | 10.527 | 10.535 | -0.008 | 515044371 | 50.0 | 53.2 | |
| | | | | | | RPD = 5.84 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:41:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14 Operator ID:

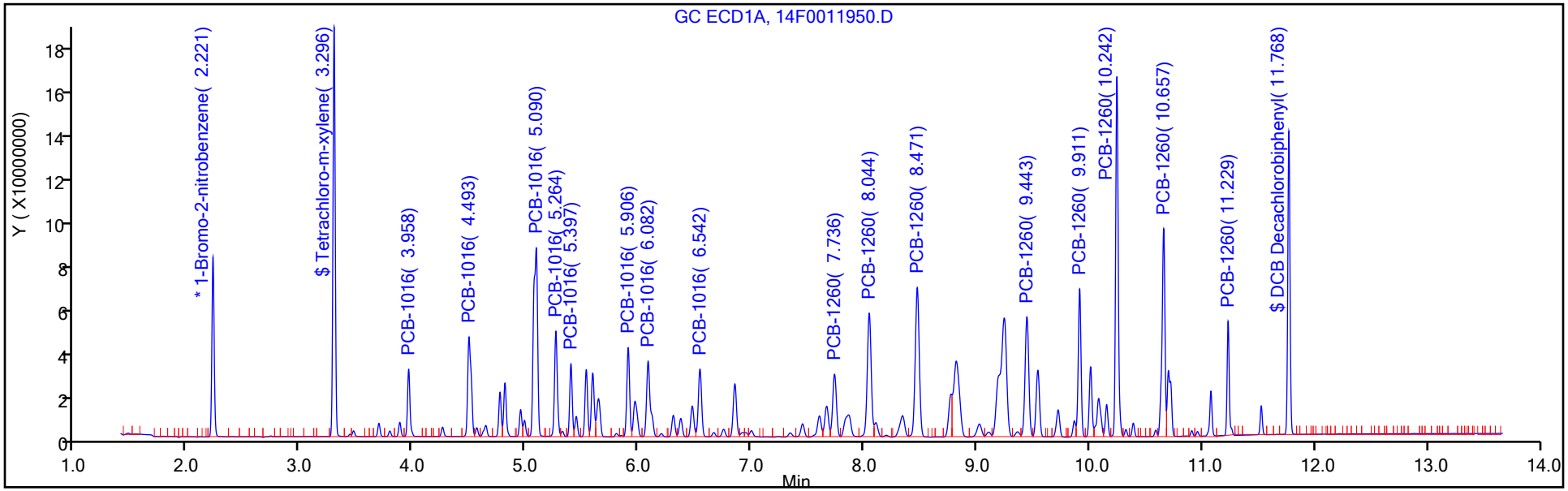
Lims ID: LCS 460-1019976/2-A Worklist Smp#: 6

Client ID:

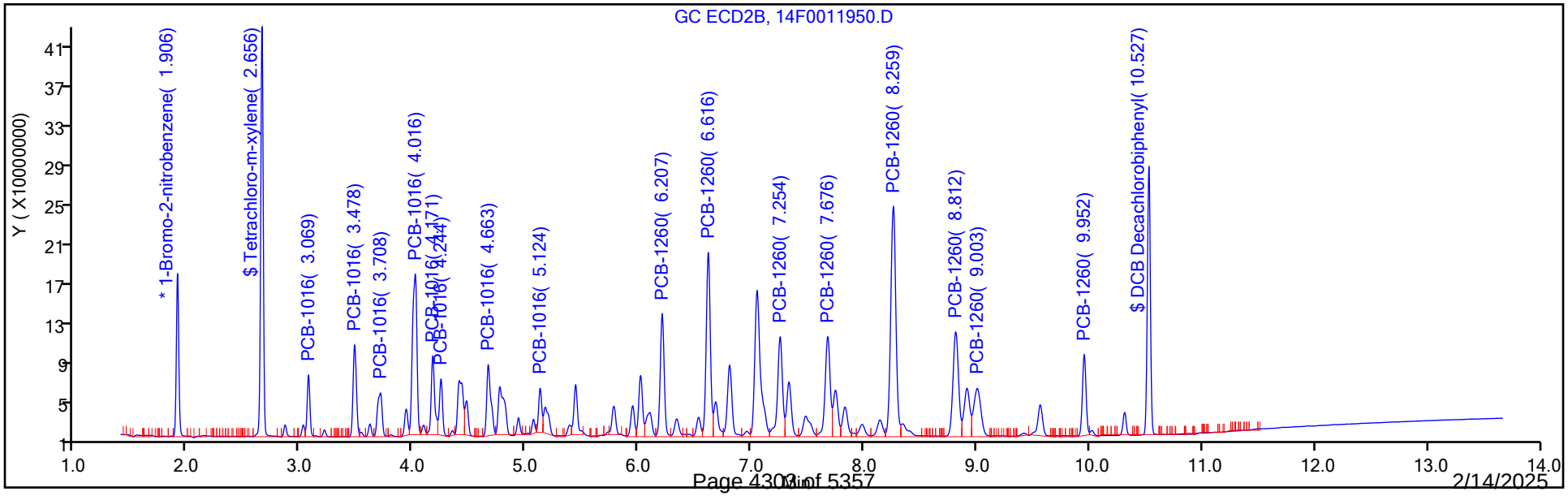
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D | | | | |
| Lims ID: | LCS 460-1019976/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 07-Feb-2025 15:00:24 | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.8 | 95.62 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 50.2 | 100.32 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 48.9 | 97.79 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 53.2 | 106.35 |

Report Date: 07-Feb-2025 17:41:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1019976/2-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

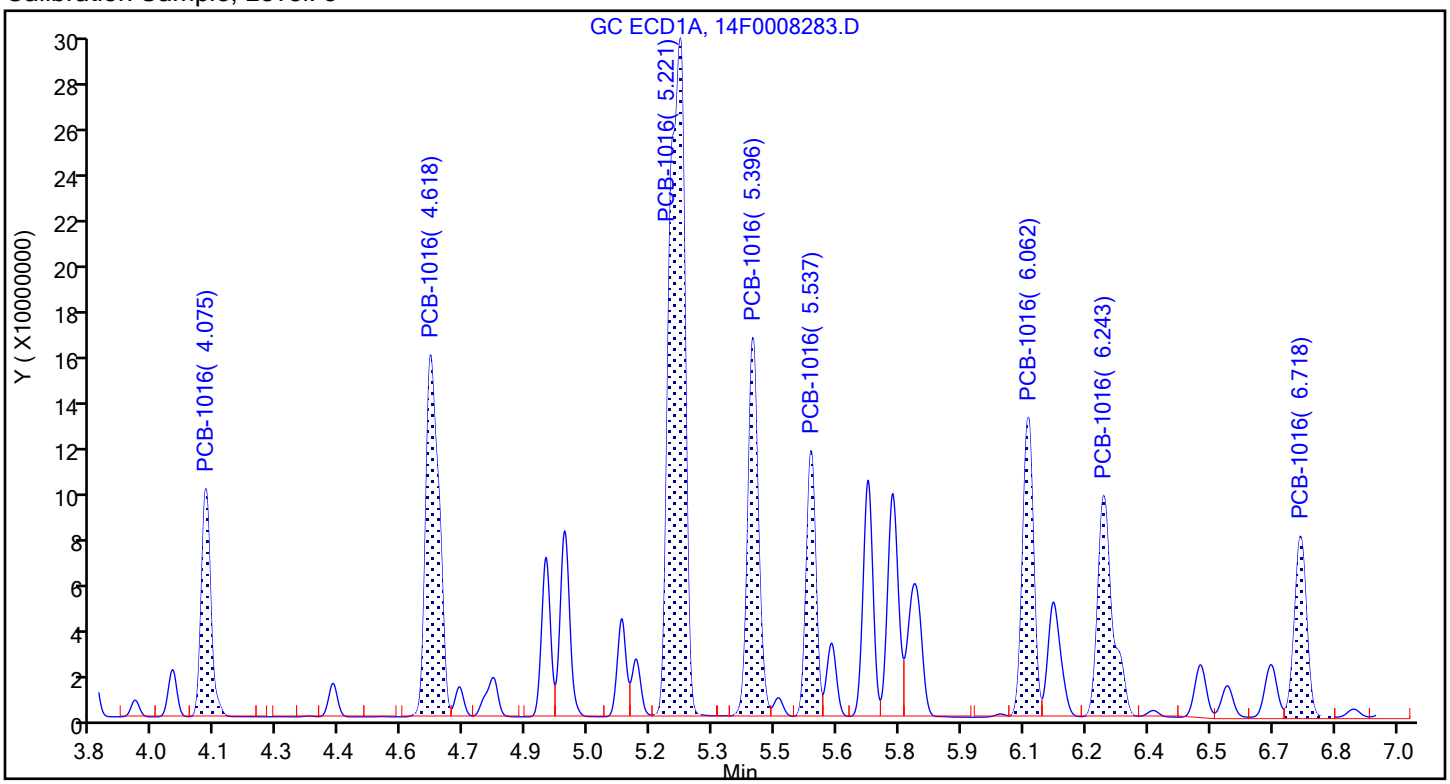
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

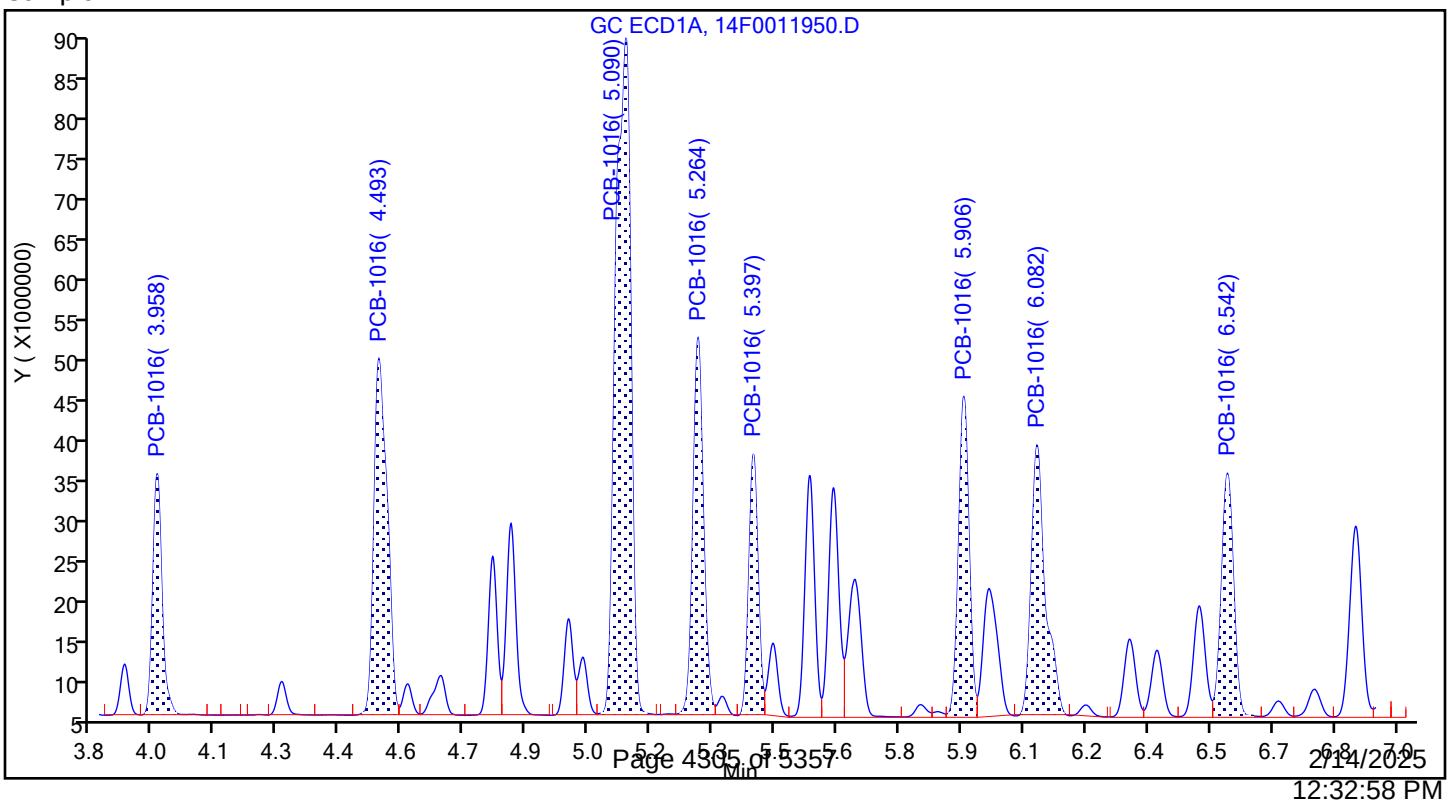
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1019976/2-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

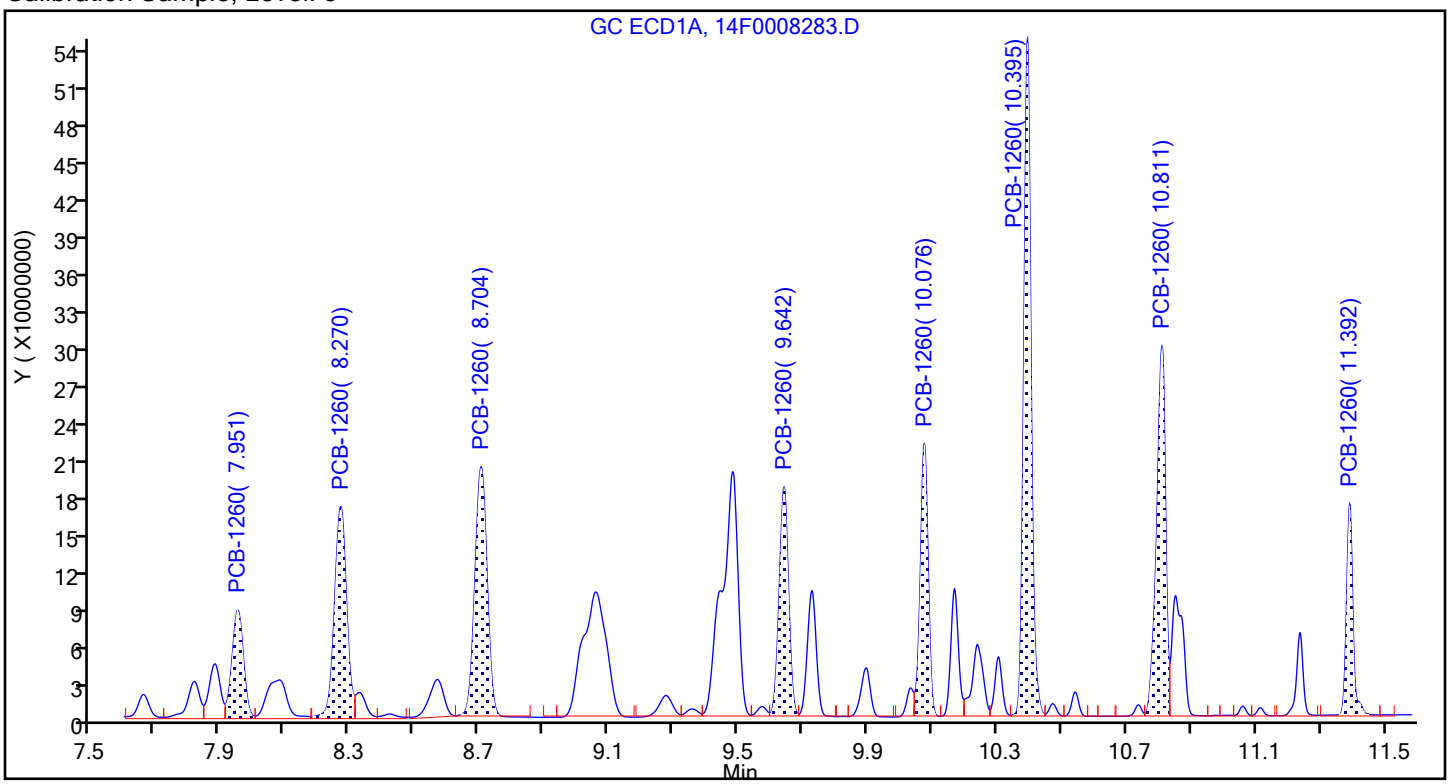
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

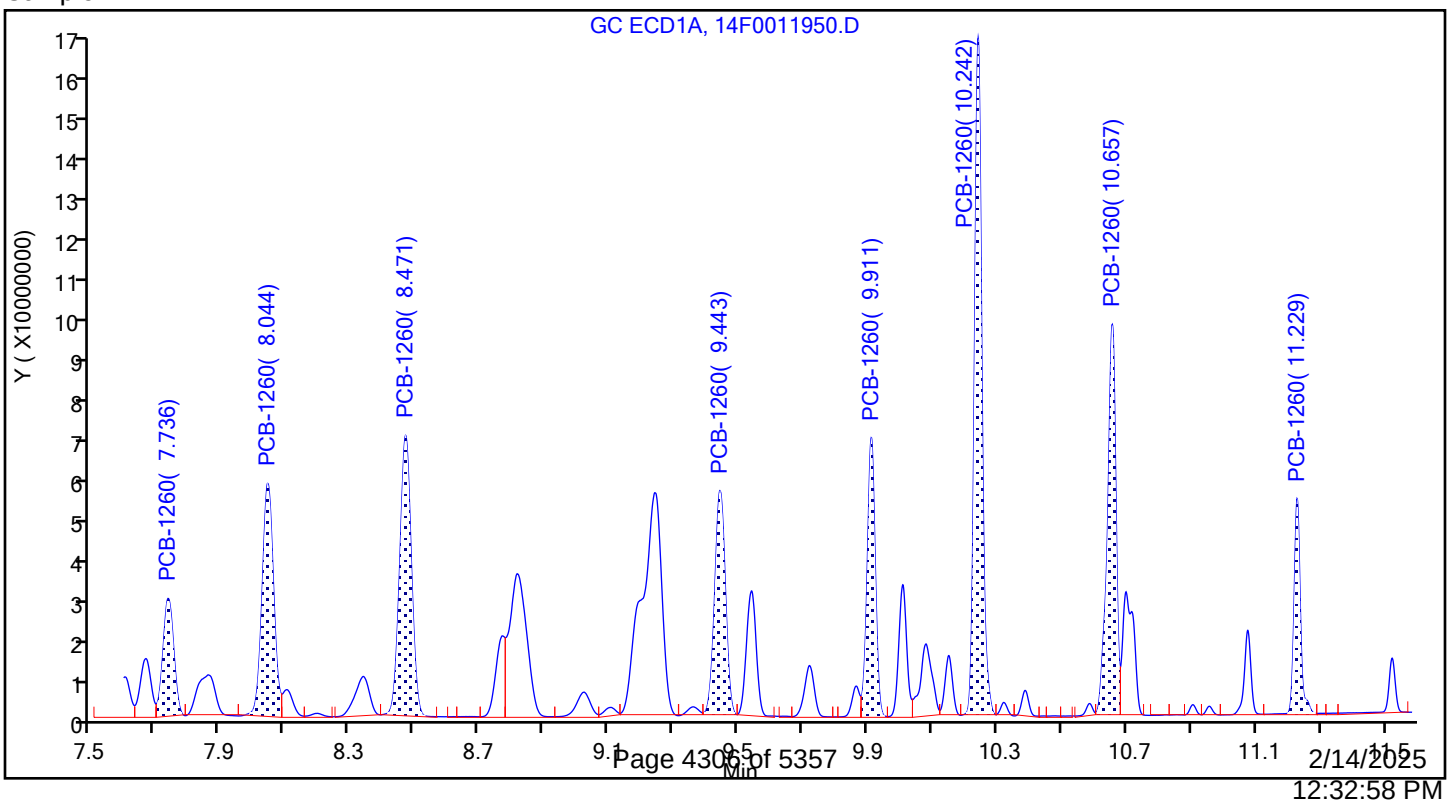
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1019976/2-A

Matrix: Solid | Lab File ID: 14F0011950.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:00

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.321 | | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.379 | | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.700 | | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 106 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 98 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D
Lims ID: LCS 460-1019976/2-A
Client ID:
Sample Type: LCS
Inject. Date: 07-Feb-2025 15:00:24 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 111575295 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 250918954 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 253863508 | 50.0 | 47.8 | |
| 2 | 2.656 | 2.658 | -0.002 | 673954463 | 50.0 | 48.9 | |
| | | | | | | RPD = 2.25 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 46798945 | 500.0 | 505.0 | |
| 1 | 4.493 | 4.498 | -0.005 | 96989565 | 500.0 | 482.4 | |
| 1 | 5.090 | 5.095 | -0.005 | 209737794 | 500.0 | 486.9 | |
| 1 | 5.264 | 5.268 | -0.004 | 81944126 | 500.0 | 490.0 | |
| 1 | 5.397 | 5.403 | -0.006 | 50513378 | 500.0 | 482.0 | |
| 1 | 5.906 | 5.910 | -0.004 | 69511453 | 500.0 | 508.8 | |
| 1 | 6.082 | 6.088 | -0.006 | 78712211 | 500.0 | 543.6 | |
| 1 | 6.542 | 6.548 | -0.006 | 61160591 | 500.0 | 591.9 | |
| | | Average of Peak Amounts = | | | | 511.3 | |
| 2 | 3.069 | 3.069 | 0.000 | 106980908 | 500.0 | 494.4 | |
| 2 | 3.478 | 3.480 | -0.002 | 192779749 | 500.0 | 476.3 | |
| 2 | 3.708 | 3.708 | 0.000 | 124630514 | 500.0 | 490.8 | |
| 2 | 4.016 | 4.017 | -0.001 | 452626429 | 500.0 | 476.5 | |
| 2 | 4.171 | 4.173 | -0.002 | 175243922 | 500.0 | 458.3 | |
| 2 | 4.244 | 4.245 | -0.001 | 110893669 | 500.0 | 477.4 | |
| 2 | 4.663 | 4.667 | -0.004 | 182013637 | 500.0 | 481.7 | |
| 2 | 5.124 | 5.126 | -0.002 | 89550158 | 500.0 | 497.3 | |
| | | Average of Peak Amounts = | | | | 481.6 | |
| | | | | | | RPD = 5.99 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.736 | 7.743 | -0.007 | 64314874 | 500.0 | 504.0 | |
| 1 | 8.044 | 8.053 | -0.009 | 134545846 | 500.0 | 493.9 | |
| 1 | 8.471 | 8.479 | -0.008 | 164179762 | 500.0 | 508.8 | |
| 1 | 9.443 | 9.450 | -0.007 | 121092033 | 500.0 | 567.9 | |
| 1 | 9.911 | 9.918 | -0.007 | 113031611 | 500.0 | 535.1 | |
| 1 | 10.242 | 10.249 | -0.007 | 253298121 | 500.0 | 537.0 | |
| 1 | 10.657 | 10.668 | -0.011 | 168397715 | 500.0 | 539.1 | |
| 1 | 11.229 | 11.244 | -0.015 | 68157461 | 500.0 | 569.0 | |
| | | Average of Peak Amounts = | | | | 531.8 | |
| 2 | 6.207 | 6.210 | -0.003 | 301037483 | 500.0 | 541.8 | |
| 2 | 6.616 | 6.618 | -0.002 | 477713641 | 500.0 | 528.4 | |
| 2 | 7.254 | 7.258 | -0.004 | 309421227 | 500.0 | 566.3 | |
| 2 | 7.676 | 7.678 | -0.002 | 316212367 | 500.0 | 599.7 | |
| 2 | 8.259 | 8.262 | -0.003 | 749322366 | 500.0 | 562.0 | |
| 2 | 8.812 | 8.818 | -0.006 | 365066187 | 500.0 | 542.4 | |
| 2 | 9.003 | 9.003 | 0.000 | 212401028 | 500.0 | 614.8 | |
| 2 | 9.952 | 9.958 | -0.006 | 182440142 | 500.0 | 589.5 | |
| | | Average of Peak Amounts = | | | | 568.1 | |
| | | | | | | RPD = 6.60 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.768 | 11.787 | -0.019 | 184427407 | 50.0 | 50.2 | |
| 2 | 10.527 | 10.535 | -0.008 | 515044371 | 50.0 | 53.2 | |
| | | | | | | RPD = 5.84 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:41:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14 Operator ID:

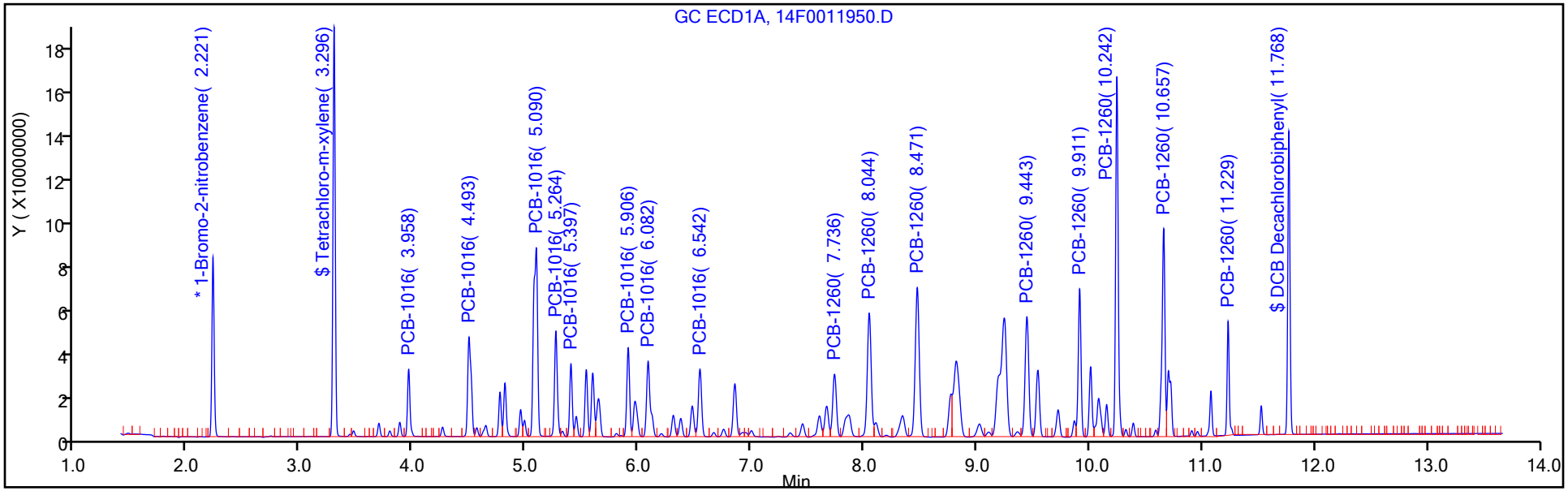
Lims ID: LCS 460-1019976/2-A Worklist Smp#: 6

Client ID:

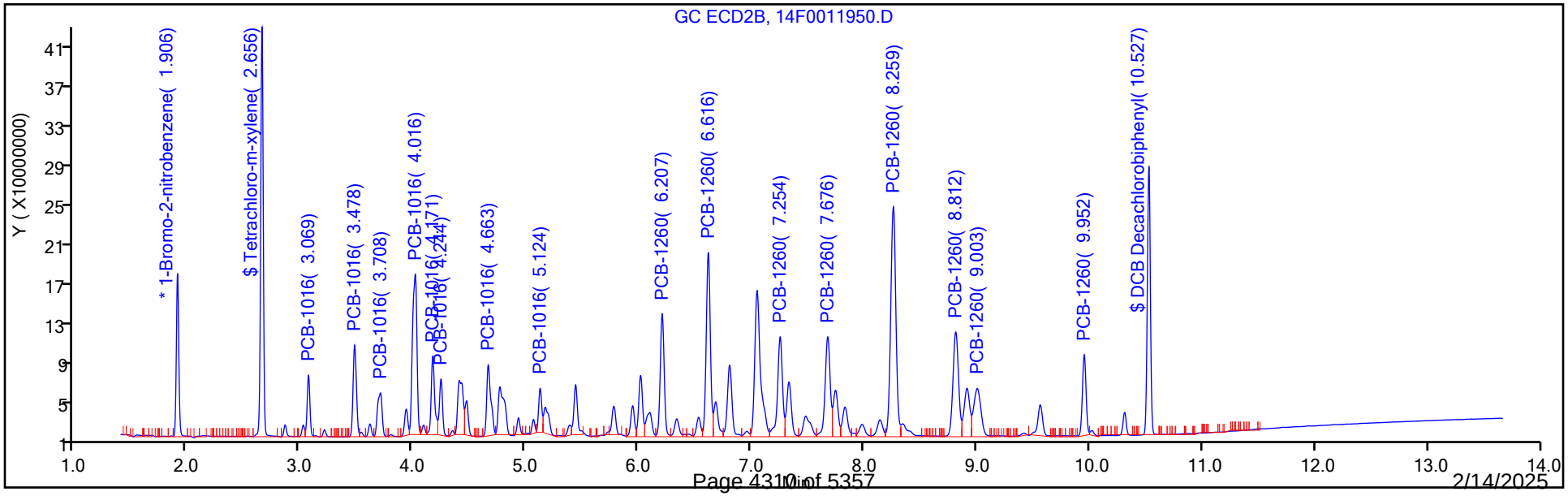
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D | | | | |
| Lims ID: | LCS 460-1019976/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 07-Feb-2025 15:00:24 | ALS Bottle#: | 6 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.8 | 95.62 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 50.2 | 100.32 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 48.9 | 97.79 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 53.2 | 106.35 |

Report Date: 07-Feb-2025 17:41:16 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1019976/2-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

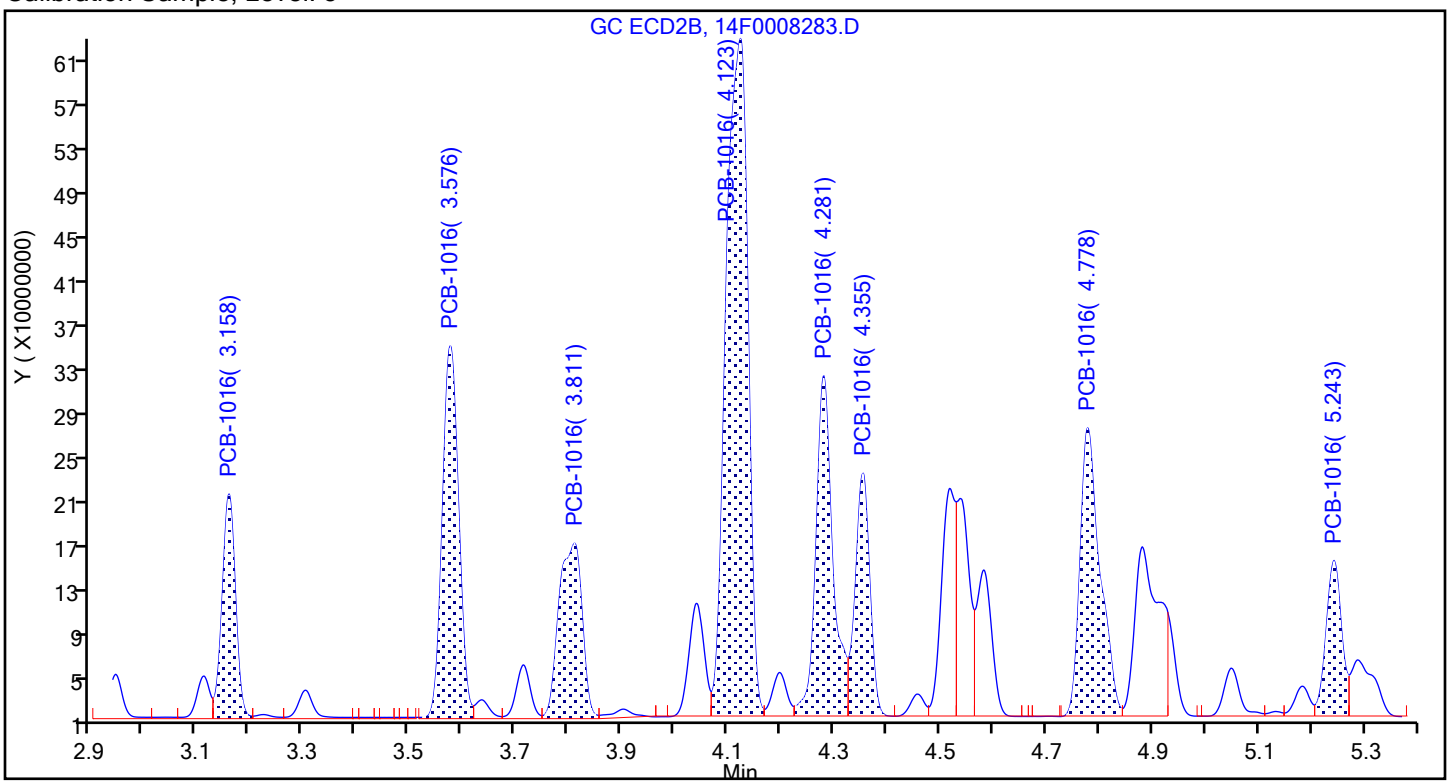
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

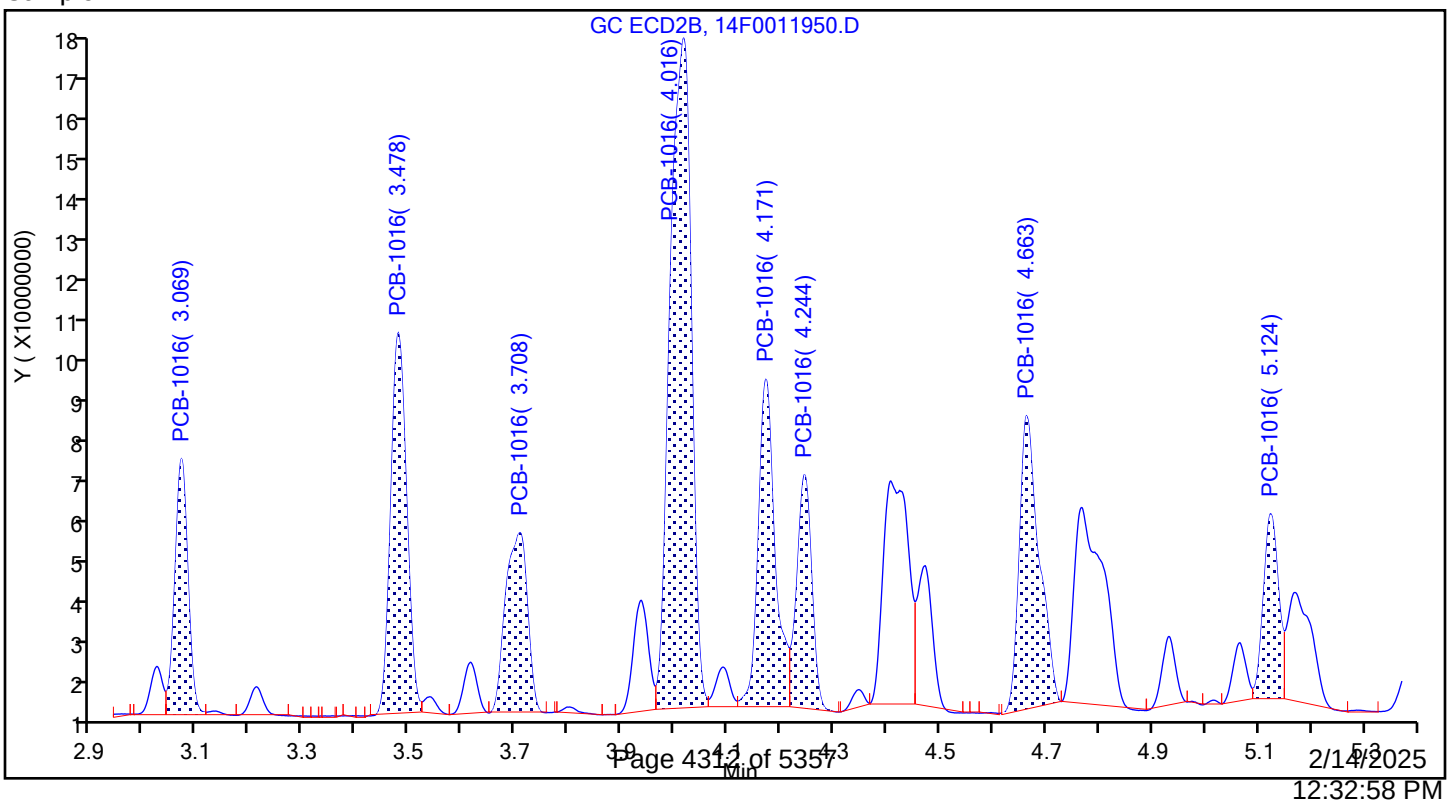
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:16 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011950.D

Injection Date: 07-Feb-2025 15:00:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1019976/2-A

Client ID:

Operator ID: ALS Bottle#: 6 Worklist Smp#: 6

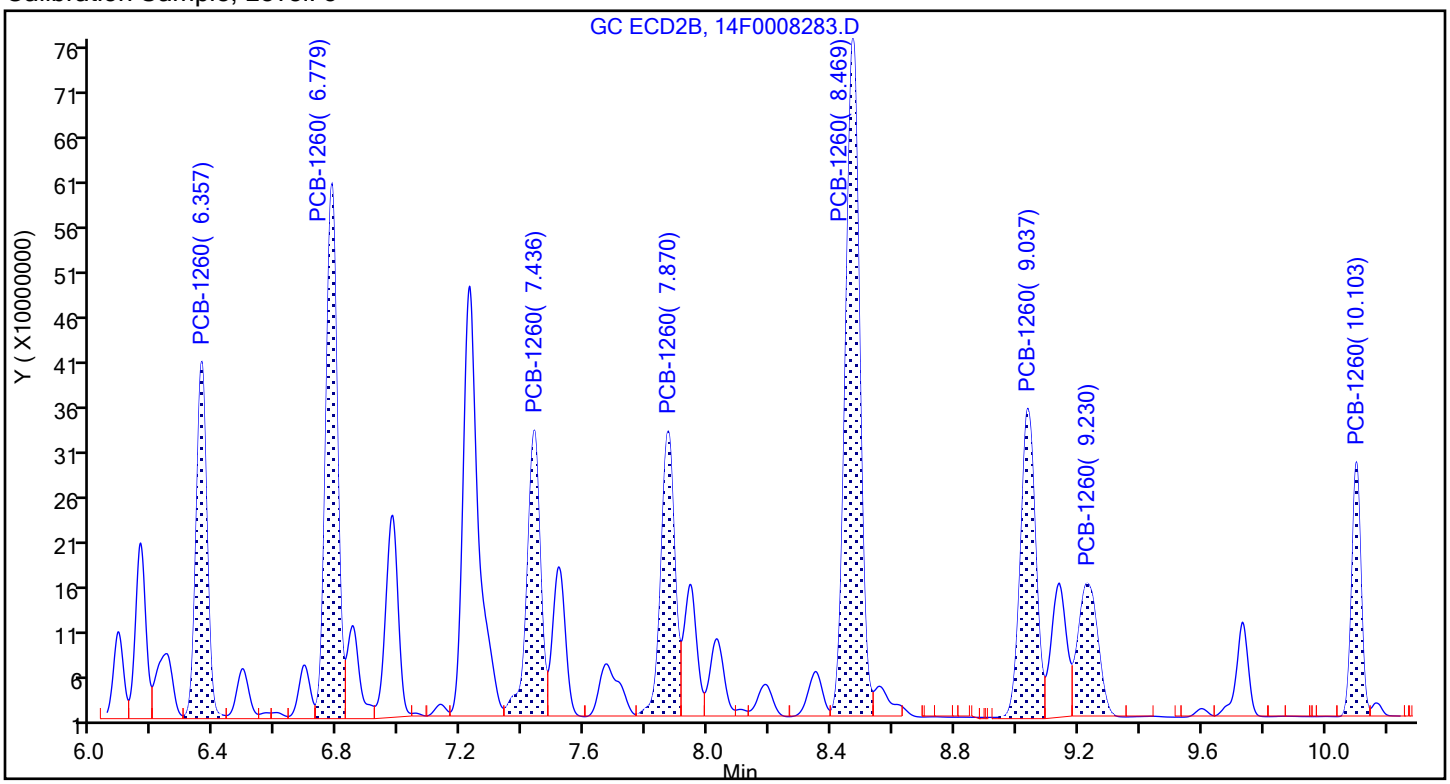
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

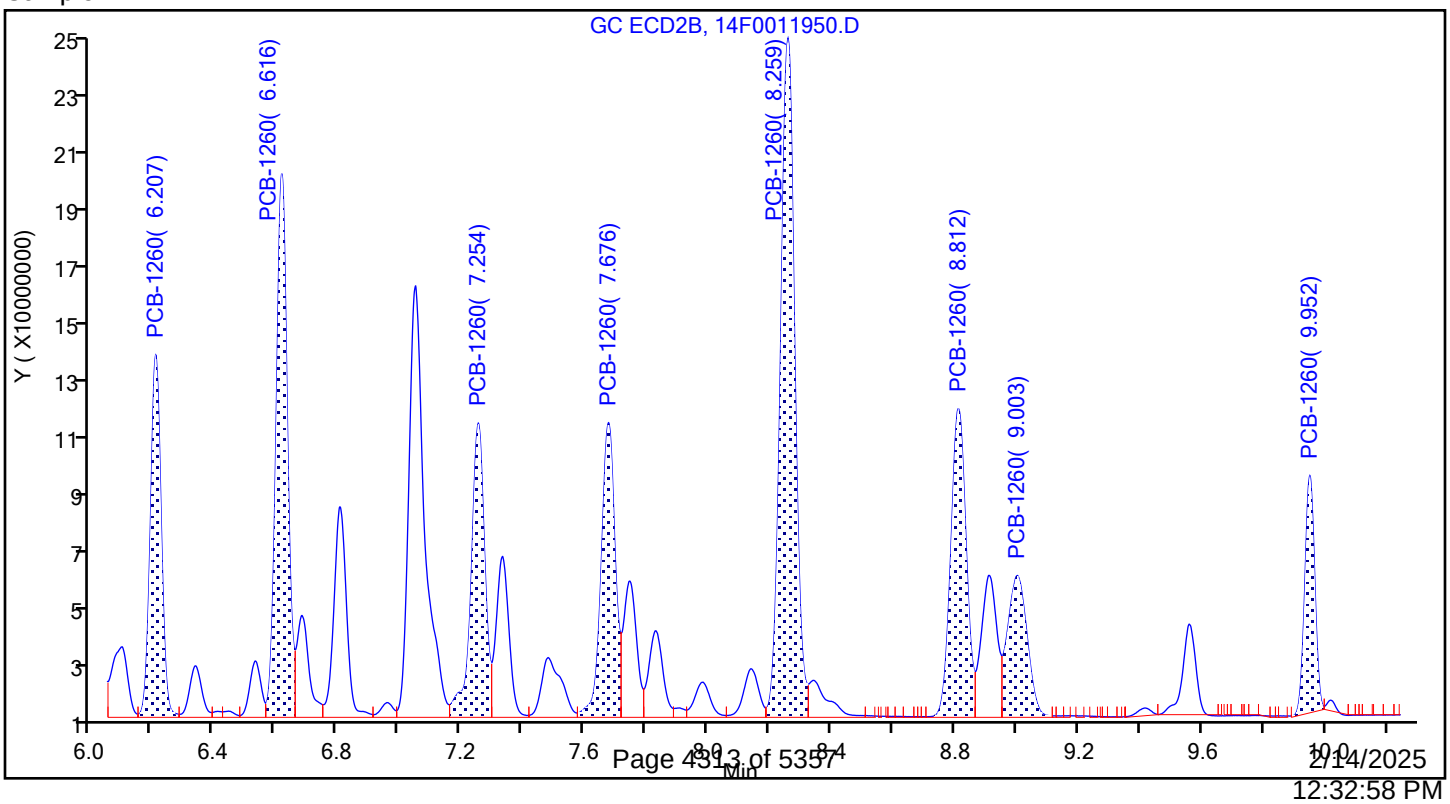
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020297/2-A

Matrix: Water | Lab File ID: 14F0012009.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *4.40* | | *0.20* | *0.12* |
| *11096-82-5* | *Aroclor 1260* | *4.74* | | *0.20* | *0.11* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *9.14* | | *0.20* | *0.12* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 91 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D
Lims ID: LCS 460-1020297/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Feb-2025 08:39:24 ALS Bottle#: 65 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.220 | 2.216 | 0.004 | 104137265 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.902 | 0.004 | 251010598 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.294 | 3.289 | 0.005 | 449734397 | 100.0 | 90.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1262933050 | 100.0 | 91.6 | |
| | | | | | | RPD = 0.93 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.955 | 3.949 | 0.006 | 92728628 | 1000.0 | 1072.2 | |
| 1 | 4.490 | 4.485 | 0.005 | 194581206 | 1000.0 | 1036.9 | |
| 1 | 5.087 | 5.081 | 0.006 | 418725873 | 1000.0 | 1041.5 | |
| 1 | 5.260 | 5.254 | 0.006 | 160861106 | 1000.0 | 1030.5 | |
| 1 | 5.394 | 5.388 | 0.006 | 101844902 | 1000.0 | 1041.2 | |
| 1 | 5.901 | 5.895 | 0.006 | 138657110 | 1000.0 | 1087.5 | |
| 1 | 6.078 | 6.070 | 0.008 | 157503606 | 1000.0 | 1165.4 | |
| 1 | 6.538 | 6.530 | 0.008 | 127217274 | 1000.0 | 1319.1 | |
| | | Average of Peak Amounts = | | | | 1099.3 | |
| 2 | 3.067 | 3.062 | 0.005 | 216349093 | 1000.0 | 999.5 | |
| 2 | 3.476 | 3.471 | 0.005 | 401014221 | 1000.0 | 990.4 | |
| 2 | 3.705 | 3.700 | 0.005 | 278783281 | 1000.0 | 1097.4 | |
| 2 | 4.015 | 4.008 | 0.007 | 974974983 | 1000.0 | 1026.0 | |
| 2 | 4.170 | 4.164 | 0.006 | 388308196 | 1000.0 | 1015.2 | |
| 2 | 4.242 | 4.236 | 0.006 | 258717178 | 1000.0 | 1113.3 | |
| 2 | 4.662 | 4.656 | 0.006 | 402939261 | 1000.0 | 1066.1 | |
| 2 | 5.121 | 5.116 | 0.005 | 206304308 | 1000.0 | 1145.2 | |
| | | Average of Peak Amounts = | | | | 1056.6 | |
| | | | | | | RPD = 3.95 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.731 | 7.722 | 0.009 | 129030482 | 1000.0 | 1083.3 | |
| 1 | 8.039 | 8.030 | 0.009 | 272144384 | 1000.0 | 1070.4 | |
| 1 | 8.464 | 8.455 | 0.009 | 330726172 | 1000.0 | 1098.1 | |
| 1 | 9.439 | 9.430 | 0.009 | 263649765 | 1000.0 | 1324.8 | |
| 1 | 9.905 | 9.899 | 0.006 | 239621605 | 1000.0 | 1215.5 | |
| 1 | 10.235 | 10.229 | 0.006 | 531806750 | 1000.0 | 1208.0 | |
| 1 | 10.646 | 10.641 | 0.005 | 352846930 | 1000.0 | 1210.3 | |
| 1 | 11.214 | 11.207 | 0.007 | 142834234 | 1000.0 | 1277.5 | |
| | | Average of Peak Amounts = | | | | 1186.0 | |
| 2 | 6.204 | 6.196 | 0.008 | 614920548 | 1000.0 | 1106.4 | |
| 2 | 6.613 | 6.604 | 0.009 | 1001093555 | 1000.0 | 1107.0 | |
| 2 | 7.251 | 7.240 | 0.011 | 609990007 | 1000.0 | 1116.1 | |
| 2 | 7.671 | 7.661 | 0.010 | 646672034 | 1000.0 | 1225.9 | |
| 2 | 8.253 | 8.244 | 0.009 | 1645310790 | 1000.0 | 1233.6 | |
| 2 | 8.806 | 8.796 | 0.010 | 860467997 | 1000.0 | 1278.1 | |
| 2 | 8.999 | 8.985 | 0.014 | 457800188 | 1000.0 | 1324.6 | |
| 2 | 9.946 | 9.940 | 0.006 | 398481426 | 1000.0 | 1287.1 | |
| | | Average of Peak Amounts = | | | | 1209.8 | |
| | | | | | | RPD = 1.99 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.752 | 11.744 | 0.008 | 195481905 | 100.0 | 57.0 | |
| 2 | 10.518 | 10.511 | 0.007 | 548640543 | 100.0 | 56.6 | |
| | | | | | | RPD = 0.59 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 09:22:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D

Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14 Operator ID:

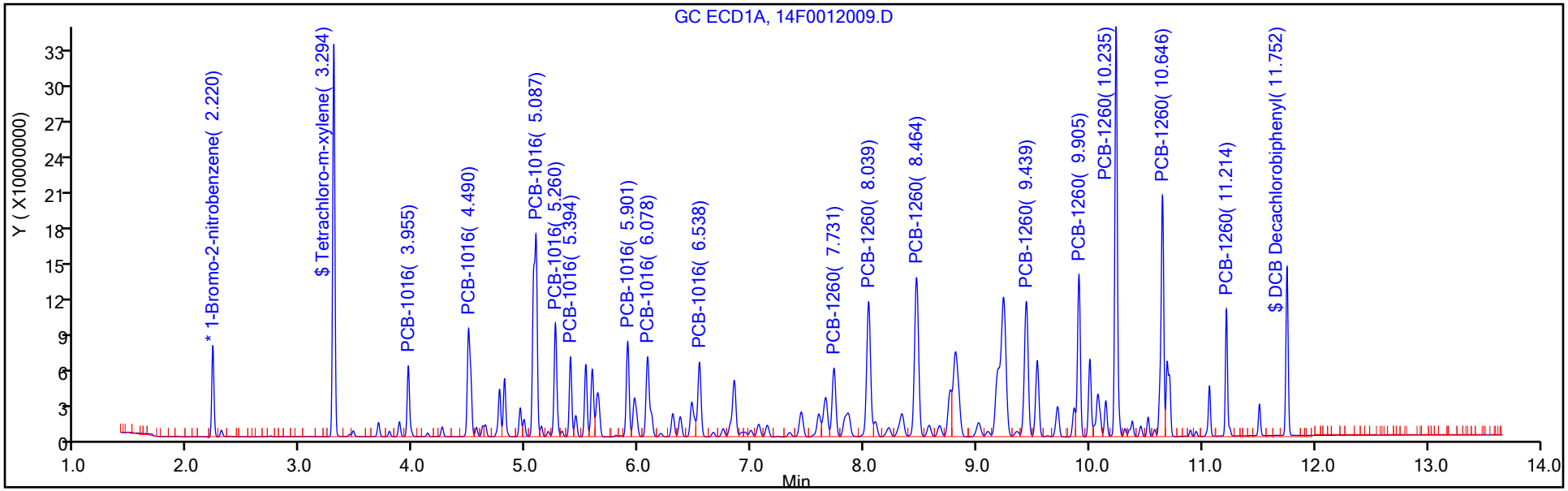
Lims ID: LCS 460-1020297/2-A Worklist Smp#: 6

Client ID:

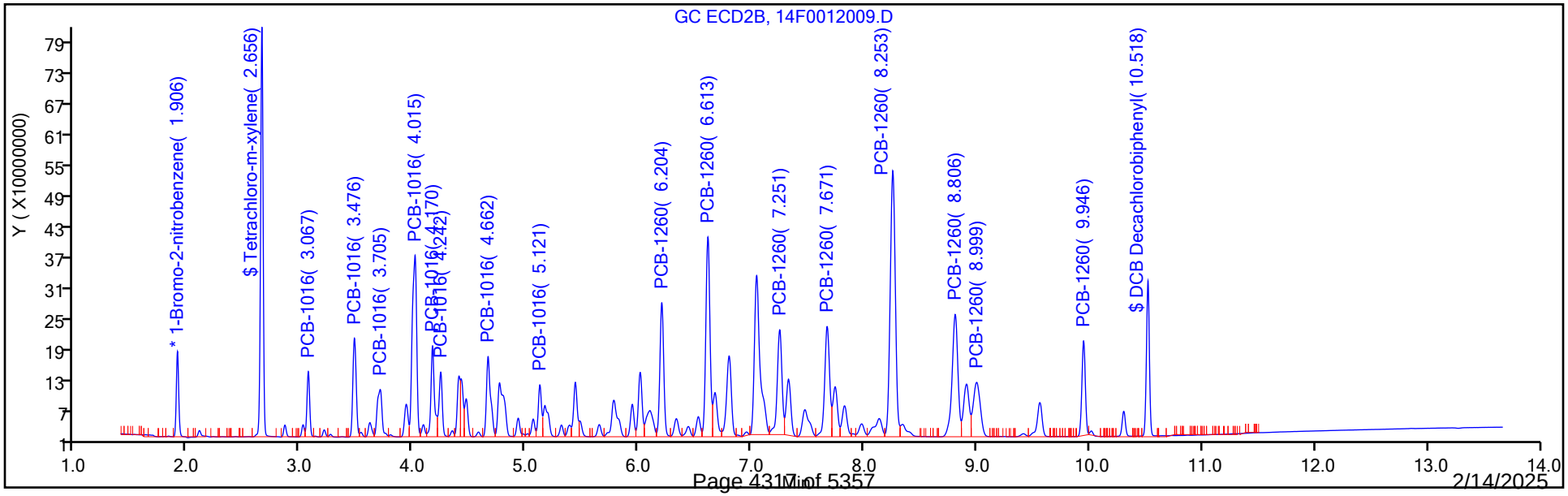
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 65

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D | | | | |
| Lims ID: | LCS 460-1020297/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 09-Feb-2025 08:39:24 | ALS Bottle#: | 65 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 09:22:18 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 90.7 | 90.74 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 57.0 | 56.96 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 91.6 | 91.59 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.62 |

Report Date: 10-Feb-2025 09:22:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D

Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1020297/2-A

Client ID:

Operator ID: ALS Bottle#: 65 Worklist Smp#: 6

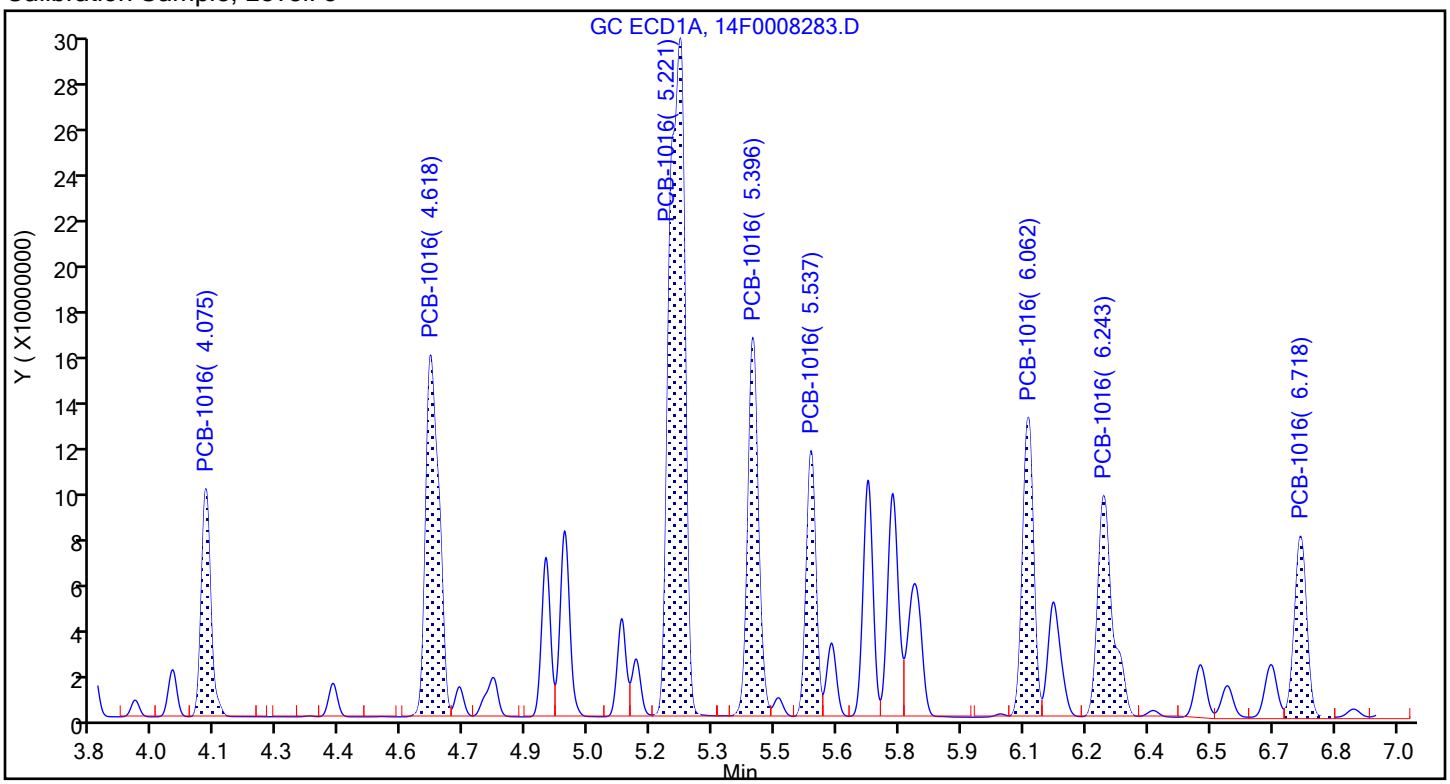
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

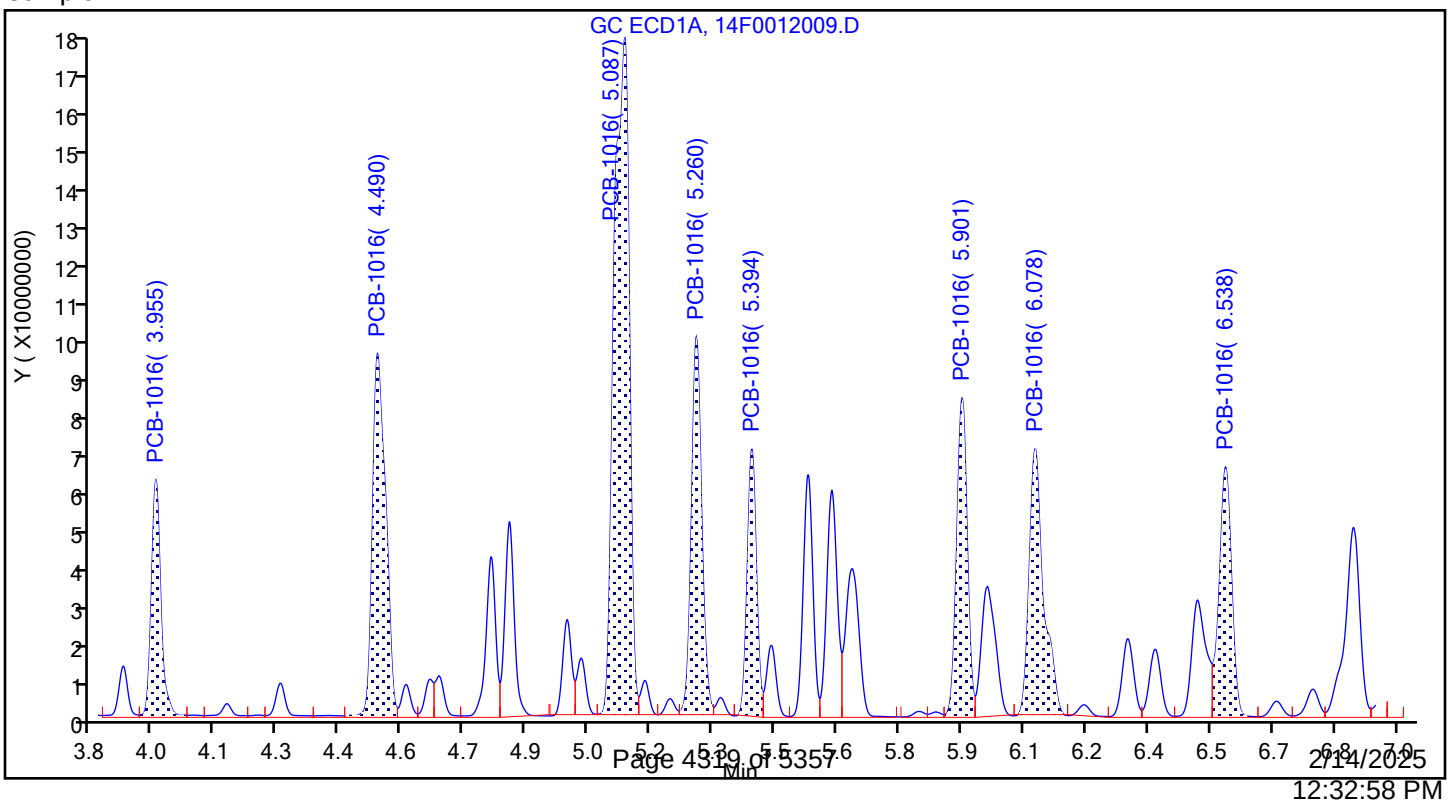
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



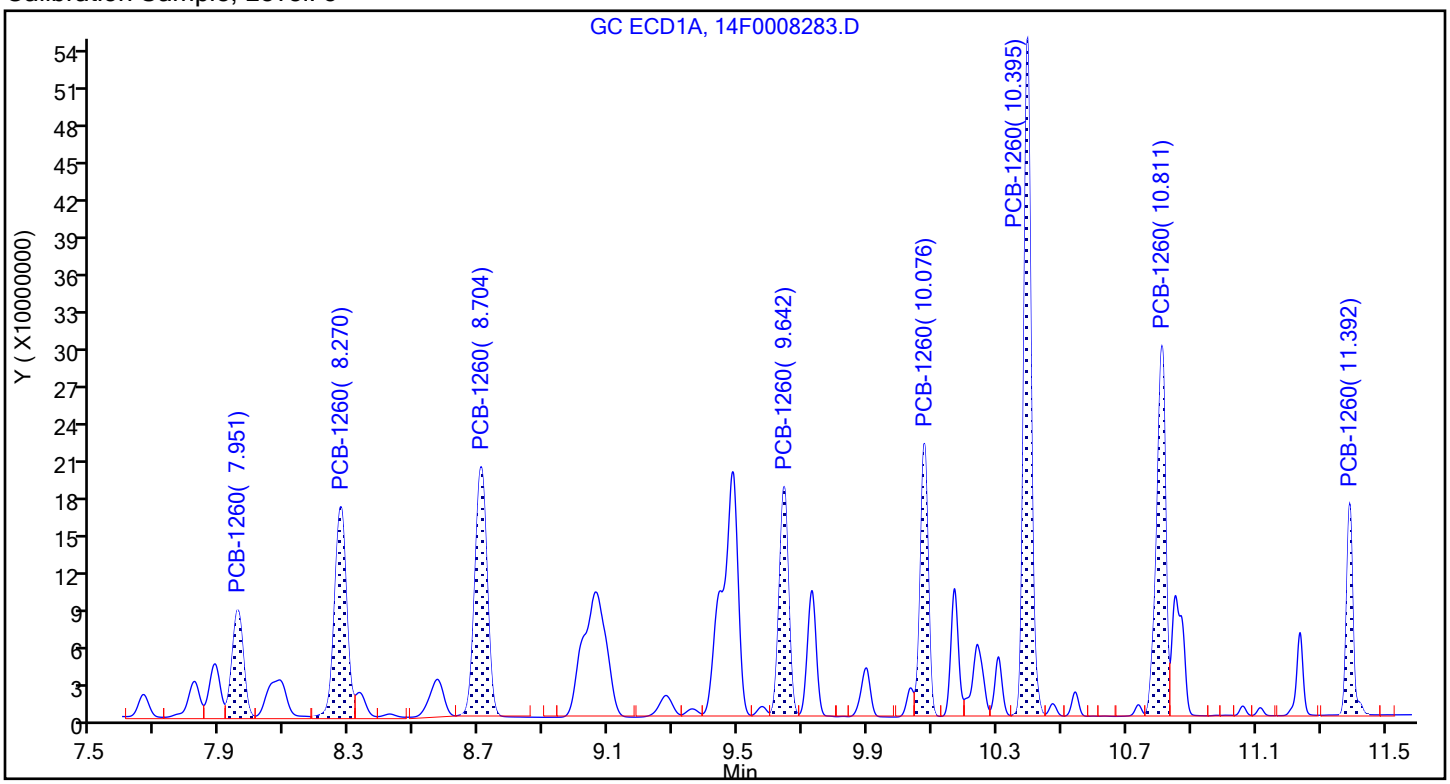
Report Date: 10-Feb-2025 09:22:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

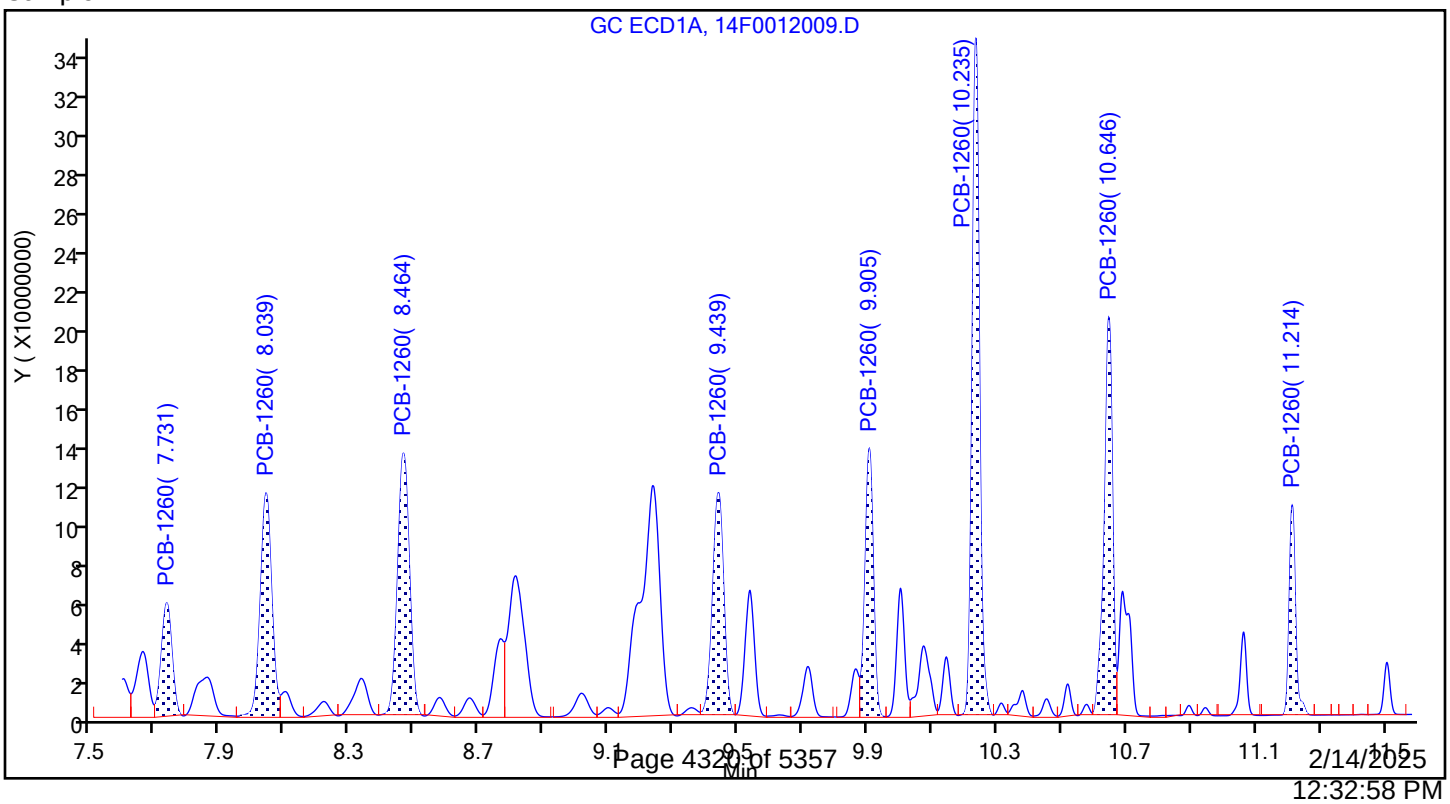
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D
Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14
Lims ID: LCS 460-1020297/2-A
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-1020297/2-A

Matrix: Water | Lab File ID: 14F0012009.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:39

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 4.23 | | 0.20 | 0.12 |
| 11096-82-5 | Aroclor 1260 | 4.84 | | 0.20 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 9.07 | | 0.20 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 57 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 92 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D
Lims ID: LCS 460-1020297/2-A
Client ID:
Sample Type: LCS
Inject. Date: 09-Feb-2025 08:39:24 ALS Bottle#: 65 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-006
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.220 | 2.216 | 0.004 | 104137265 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.902 | 0.004 | 251010598 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.294 | 3.289 | 0.005 | 449734397 | 100.0 | 90.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1262933050 | 100.0 | 91.6 | |
| | | | | | | RPD = 0.93 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.955 | 3.949 | 0.006 | 92728628 | 1000.0 | 1072.2 | |
| 1 | 4.490 | 4.485 | 0.005 | 194581206 | 1000.0 | 1036.9 | |
| 1 | 5.087 | 5.081 | 0.006 | 418725873 | 1000.0 | 1041.5 | |
| 1 | 5.260 | 5.254 | 0.006 | 160861106 | 1000.0 | 1030.5 | |
| 1 | 5.394 | 5.388 | 0.006 | 101844902 | 1000.0 | 1041.2 | |
| 1 | 5.901 | 5.895 | 0.006 | 138657110 | 1000.0 | 1087.5 | |
| 1 | 6.078 | 6.070 | 0.008 | 157503606 | 1000.0 | 1165.4 | |
| 1 | 6.538 | 6.530 | 0.008 | 127217274 | 1000.0 | 1319.1 | |
| | | Average of Peak Amounts = | | | | 1099.3 | |
| 2 | 3.067 | 3.062 | 0.005 | 216349093 | 1000.0 | 999.5 | |
| 2 | 3.476 | 3.471 | 0.005 | 401014221 | 1000.0 | 990.4 | |
| 2 | 3.705 | 3.700 | 0.005 | 278783281 | 1000.0 | 1097.4 | |
| 2 | 4.015 | 4.008 | 0.007 | 974974983 | 1000.0 | 1026.0 | |
| 2 | 4.170 | 4.164 | 0.006 | 388308196 | 1000.0 | 1015.2 | |
| 2 | 4.242 | 4.236 | 0.006 | 258717178 | 1000.0 | 1113.3 | |
| 2 | 4.662 | 4.656 | 0.006 | 402939261 | 1000.0 | 1066.1 | |
| 2 | 5.121 | 5.116 | 0.005 | 206304308 | 1000.0 | 1145.2 | |
| | | Average of Peak Amounts = | | | | 1056.6 | |
| | | | | | | RPD = 3.95 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.731 | 7.722 | 0.009 | 129030482 | 1000.0 | 1083.3 | |
| 1 | 8.039 | 8.030 | 0.009 | 272144384 | 1000.0 | 1070.4 | |
| 1 | 8.464 | 8.455 | 0.009 | 330726172 | 1000.0 | 1098.1 | |
| 1 | 9.439 | 9.430 | 0.009 | 263649765 | 1000.0 | 1324.8 | |
| 1 | 9.905 | 9.899 | 0.006 | 239621605 | 1000.0 | 1215.5 | |
| 1 | 10.235 | 10.229 | 0.006 | 531806750 | 1000.0 | 1208.0 | |
| 1 | 10.646 | 10.641 | 0.005 | 352846930 | 1000.0 | 1210.3 | |
| 1 | 11.214 | 11.207 | 0.007 | 142834234 | 1000.0 | 1277.5 | |
| | | Average of Peak Amounts = | | | | 1186.0 | |
| 2 | 6.204 | 6.196 | 0.008 | 614920548 | 1000.0 | 1106.4 | |
| 2 | 6.613 | 6.604 | 0.009 | 1001093555 | 1000.0 | 1107.0 | |
| 2 | 7.251 | 7.240 | 0.011 | 609990007 | 1000.0 | 1116.1 | |
| 2 | 7.671 | 7.661 | 0.010 | 646672034 | 1000.0 | 1225.9 | |
| 2 | 8.253 | 8.244 | 0.009 | 1645310790 | 1000.0 | 1233.6 | |
| 2 | 8.806 | 8.796 | 0.010 | 860467997 | 1000.0 | 1278.1 | |
| 2 | 8.999 | 8.985 | 0.014 | 457800188 | 1000.0 | 1324.6 | |
| 2 | 9.946 | 9.940 | 0.006 | 398481426 | 1000.0 | 1287.1 | |
| | | Average of Peak Amounts = | | | | 1209.8 | |
| | | | | | | RPD = 1.99 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.752 | 11.744 | 0.008 | 195481905 | 100.0 | 57.0 | |
| 2 | 10.518 | 10.511 | 0.007 | 548640543 | 100.0 | 56.6 | |
| | | | | | | RPD = 0.59 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 09:22:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D

Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14 Operator ID:

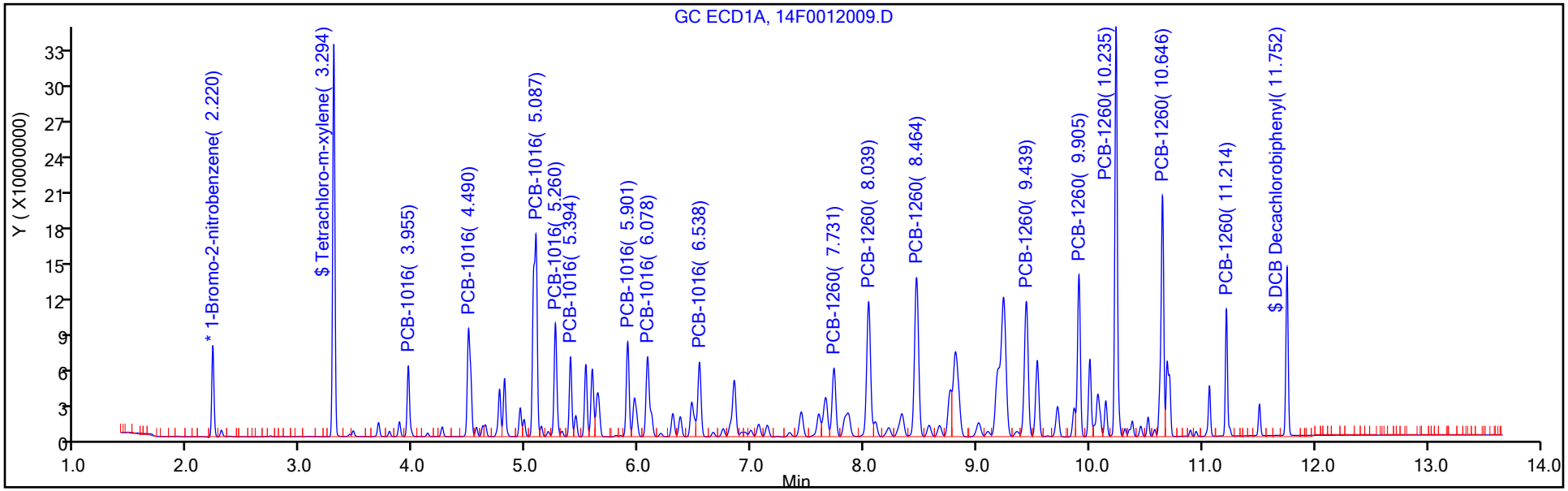
Lims ID: LCS 460-1020297/2-A Worklist Smp#: 6

Client ID:

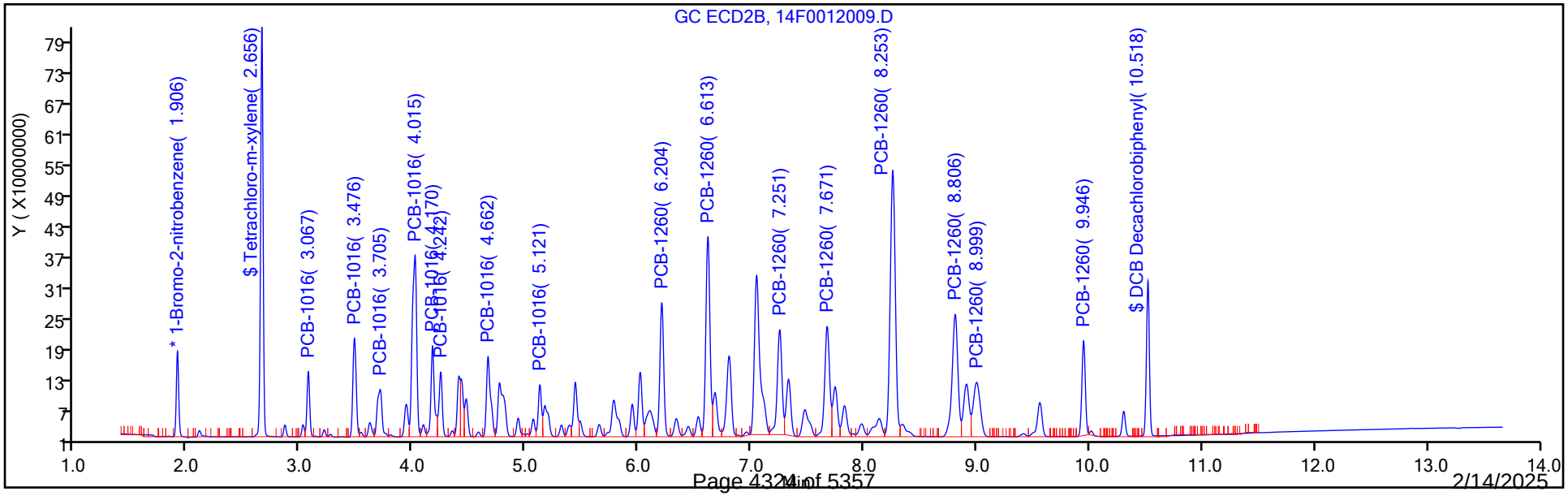
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 65

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D | | | | |
| Lims ID: | LCS 460-1020297/2-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCS | | | | |
| Inject. Date: | 09-Feb-2025 08:39:24 | ALS Bottle#: | 65 | Worklist Smp#: | 6 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-006 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 09:22:18 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 90.7 | 90.74 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 57.0 | 56.96 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 91.6 | 91.59 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 56.6 | 56.62 |

Report Date: 10-Feb-2025 09:22:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D

Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14

Lims ID: LCS 460-1020297/2-A

Client ID:

Operator ID: ALS Bottle#: 65 Worklist Smp#: 6

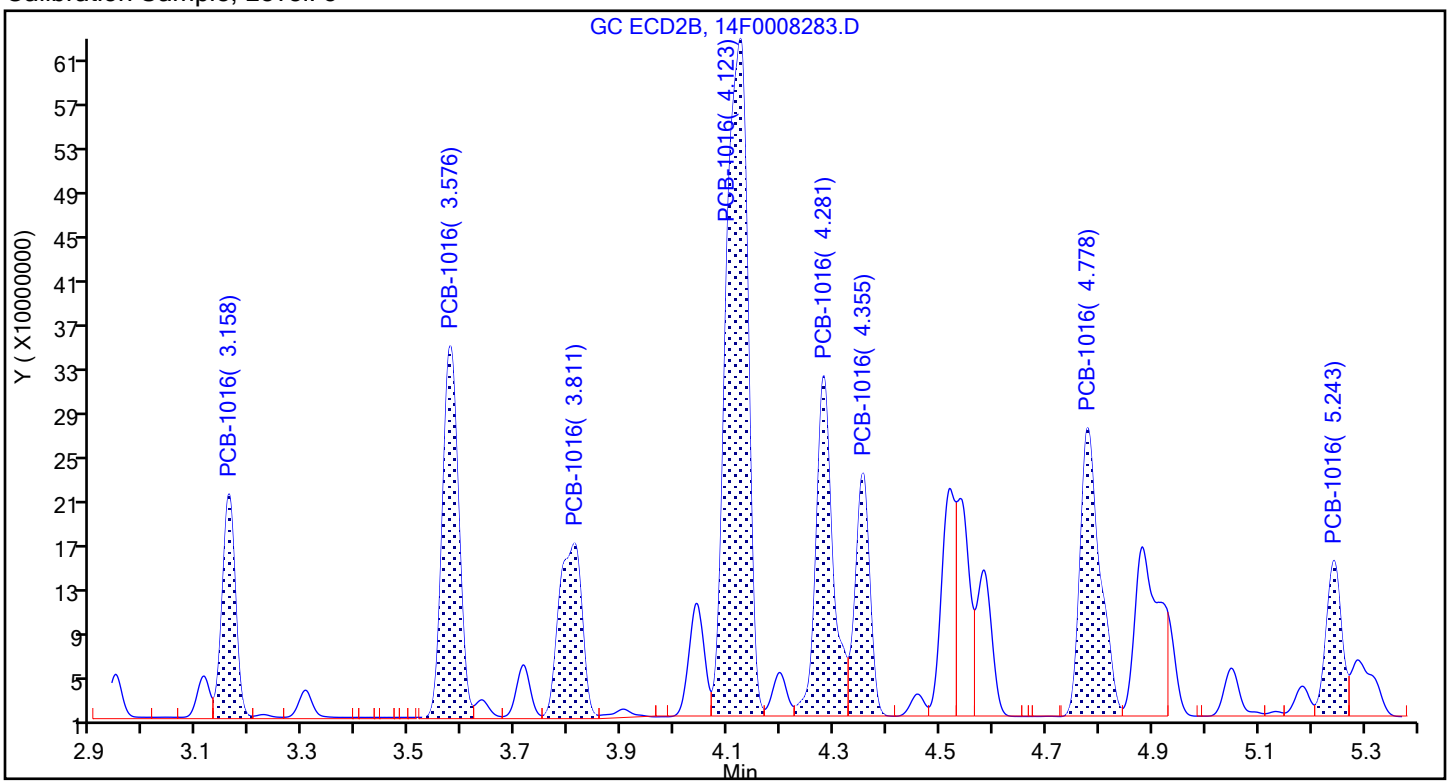
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

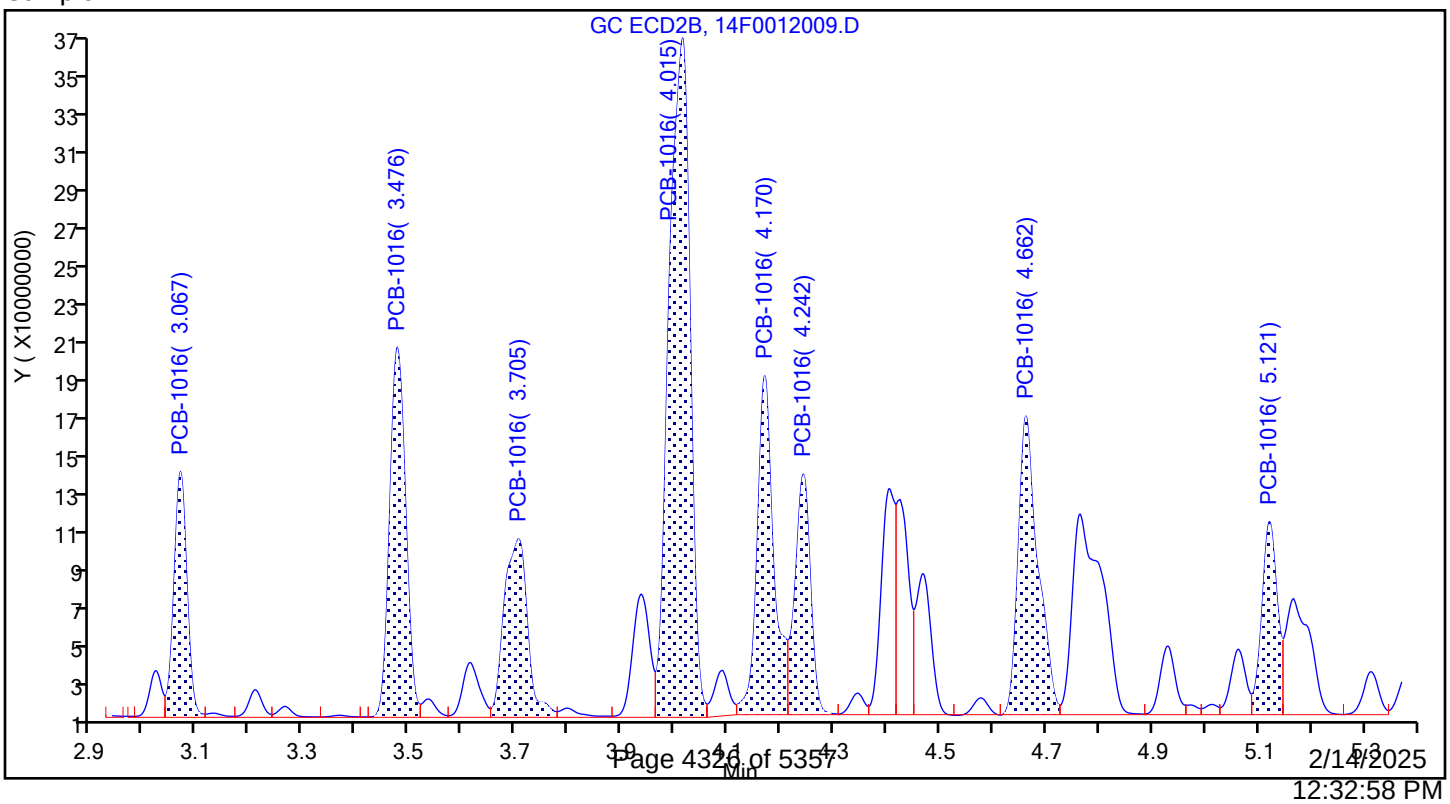
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



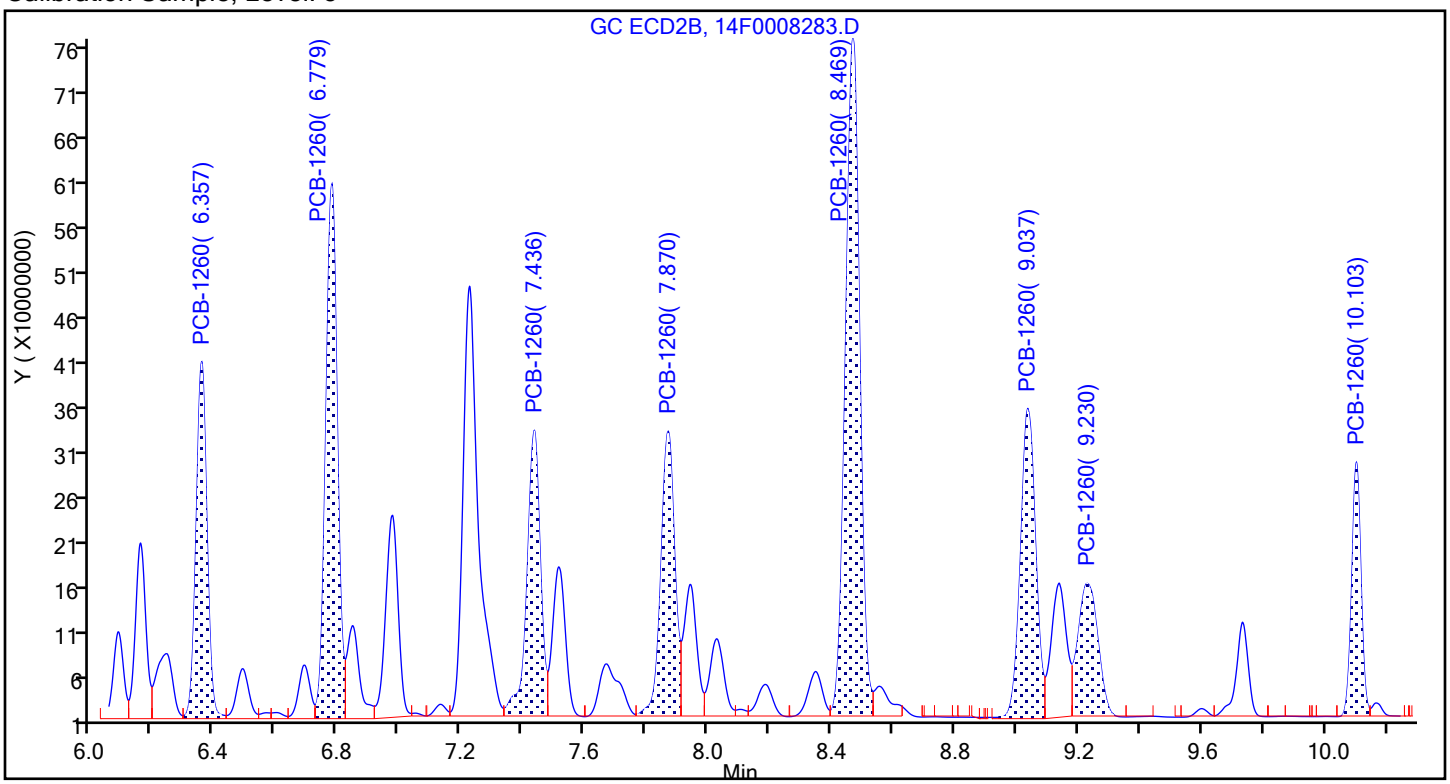
Report Date: 10-Feb-2025 09:22:21 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

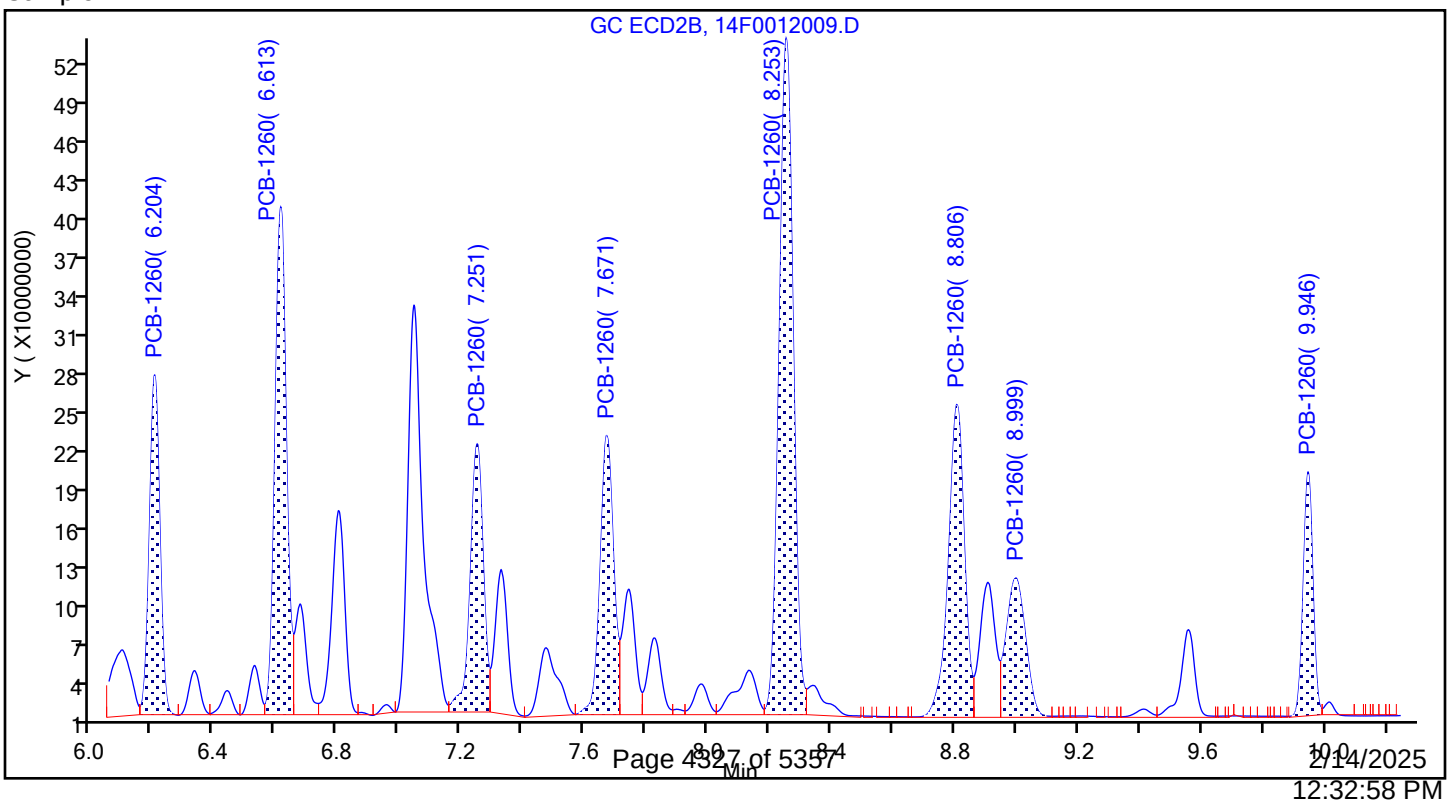
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012009.D
Injection Date: 09-Feb-2025 08:39:24 Instrument ID: CPESTGC14
Lims ID: LCS 460-1020297/2-A
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1019976/3-A

Matrix: Solid | Lab File ID: 14F0011951.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.339* | | *0.067* | *0.018* |
| *11096-82-5* | *Aroclor 1260* | *0.358* | | *0.067* | *0.018* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *0.697* | | *0.067* | *0.018* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 99 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 94 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D
Lims ID: LCSD 460-1019976/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 15:17:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-007
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 109871661 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 253916001 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 246585427 | 50.0 | 47.2 | |
| 2 | 2.658 | 2.658 | 0.000 | 664657470 | 50.0 | 47.7 | |
| | | | | | | RPD = 1.04 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 45829585 | 500.0 | 502.3 | |
| 1 | 4.494 | 4.498 | -0.004 | 96468168 | 500.0 | 487.2 | |
| 1 | 5.091 | 5.095 | -0.004 | 204347051 | 500.0 | 481.7 | |
| 1 | 5.264 | 5.268 | -0.004 | 79952641 | 500.0 | 485.5 | |
| 1 | 5.398 | 5.403 | -0.005 | 50128780 | 500.0 | 485.7 | |
| 1 | 5.906 | 5.910 | -0.004 | 67791911 | 500.0 | 503.9 | |
| 1 | 6.083 | 6.088 | -0.005 | 77079488 | 500.0 | 540.5 | |
| 1 | 6.543 | 6.548 | -0.005 | 59692134 | 500.0 | 586.6 | |
| | | Average of Peak Amounts = | | | | 509.2 | |
| 2 | 3.070 | 3.069 | 0.001 | 112442107 | 500.0 | 513.5 | |
| 2 | 3.479 | 3.480 | -0.001 | 197920402 | 500.0 | 483.2 | |
| 2 | 3.708 | 3.708 | 0.000 | 130774740 | 500.0 | 508.9 | |
| 2 | 4.018 | 4.017 | 0.001 | 461174335 | 500.0 | 479.8 | |
| 2 | 4.173 | 4.173 | 0.000 | 186178160 | 500.0 | 481.2 | |
| 2 | 4.246 | 4.245 | 0.001 | 117068440 | 500.0 | 498.0 | |
| 2 | 4.666 | 4.667 | -0.001 | 186742913 | 500.0 | 488.4 | |
| 2 | 5.125 | 5.126 | -0.001 | 97568434 | 500.0 | 535.4 | |
| | | Average of Peak Amounts = | | | | 498.6 | |
| | | | | | | RPD = 2.11 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.736 | 7.743 | -0.007 | 62959785 | 500.0 | 501.0 | |
| 1 | 8.045 | 8.053 | -0.008 | 132478695 | 500.0 | 493.9 | |
| 1 | 8.470 | 8.479 | -0.009 | 161396090 | 500.0 | 507.9 | |
| 1 | 9.445 | 9.450 | -0.005 | 119875506 | 500.0 | 570.9 | |
| 1 | 9.913 | 9.918 | -0.005 | 113032795 | 500.0 | 543.4 | |
| 1 | 10.244 | 10.249 | -0.005 | 253607920 | 500.0 | 546.0 | |
| 1 | 10.662 | 10.668 | -0.006 | 168835455 | 500.0 | 548.9 | |
| 1 | 11.236 | 11.244 | -0.008 | 68386260 | 500.0 | 579.7 | |
| | | Average of Peak Amounts = | | | | 536.5 | |
| 2 | 6.209 | 6.210 | -0.001 | 284173755 | 500.0 | 505.4 | |
| 2 | 6.617 | 6.618 | -0.001 | 444774237 | 500.0 | 486.2 | |
| 2 | 7.254 | 7.258 | -0.004 | 277862774 | 500.0 | 502.6 | |
| 2 | 7.676 | 7.678 | -0.002 | 299762911 | 500.0 | 561.8 | |
| 2 | 8.258 | 8.262 | -0.004 | 720450596 | 500.0 | 534.0 | |
| 2 | 8.814 | 8.818 | -0.004 | 357751175 | 500.0 | 525.3 | |
| 2 | 9.001 | 9.003 | -0.002 | 212515814 | 500.0 | 607.8 | |
| 2 | 9.955 | 9.958 | -0.003 | 187879919 | 500.0 | 599.9 | |
| | | Average of Peak Amounts = | | | | 540.4 | |
| | | | | | | RPD = 0.73 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.776 | 11.787 | -0.011 | 178915039 | 50.0 | 49.4 | |
| 2 | 10.528 | 10.535 | -0.007 | 499941458 | 50.0 | 51.0 | |
| | | | | | | RPD = 3.17 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:41:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14 Operator ID:

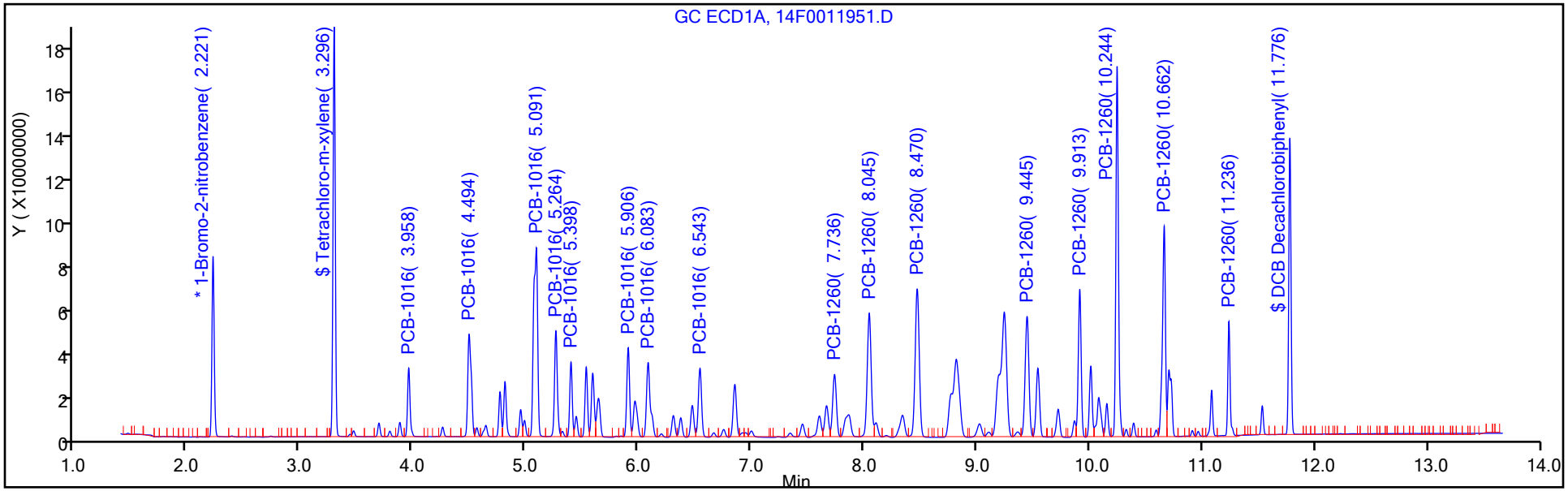
Lims ID: LCSD 460-1019976/3-A Worklist Smp#: 7

Client ID:

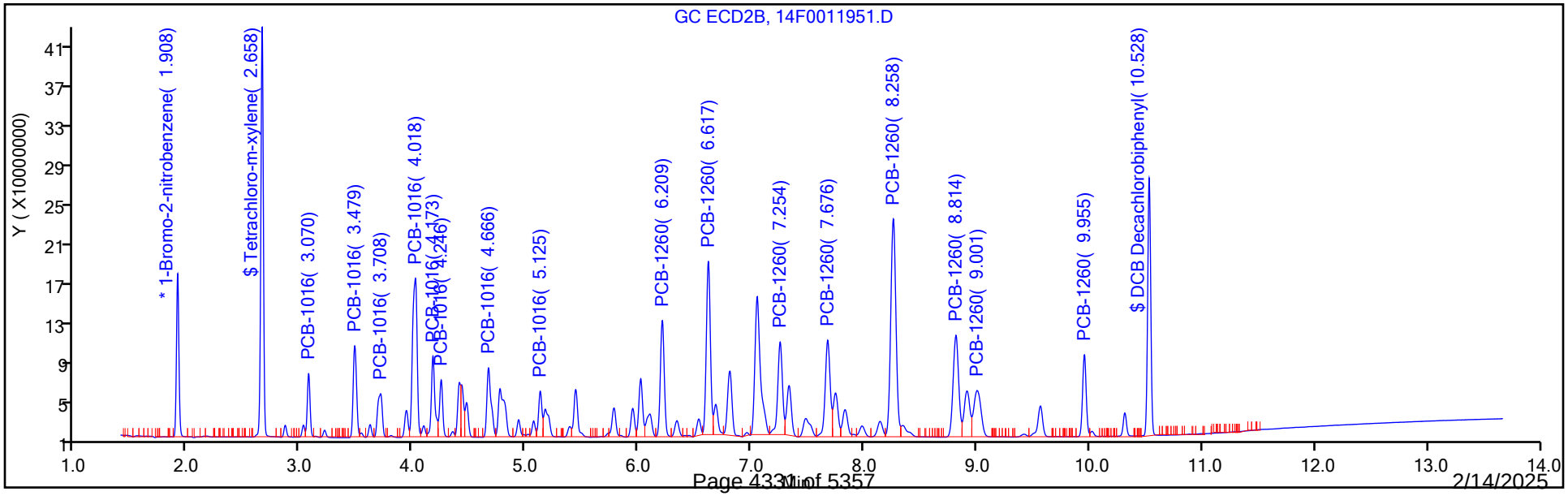
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D | | | | |
| Lims ID: | LCSD 460-1019976/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 07-Feb-2025 15:17:00 | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.2 | 94.32 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 49.4 | 98.83 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.7 | 95.30 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 51.0 | 102.02 |

Report Date: 07-Feb-2025 17:41:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14

Lims ID: LCSD 460-1019976/3-A

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

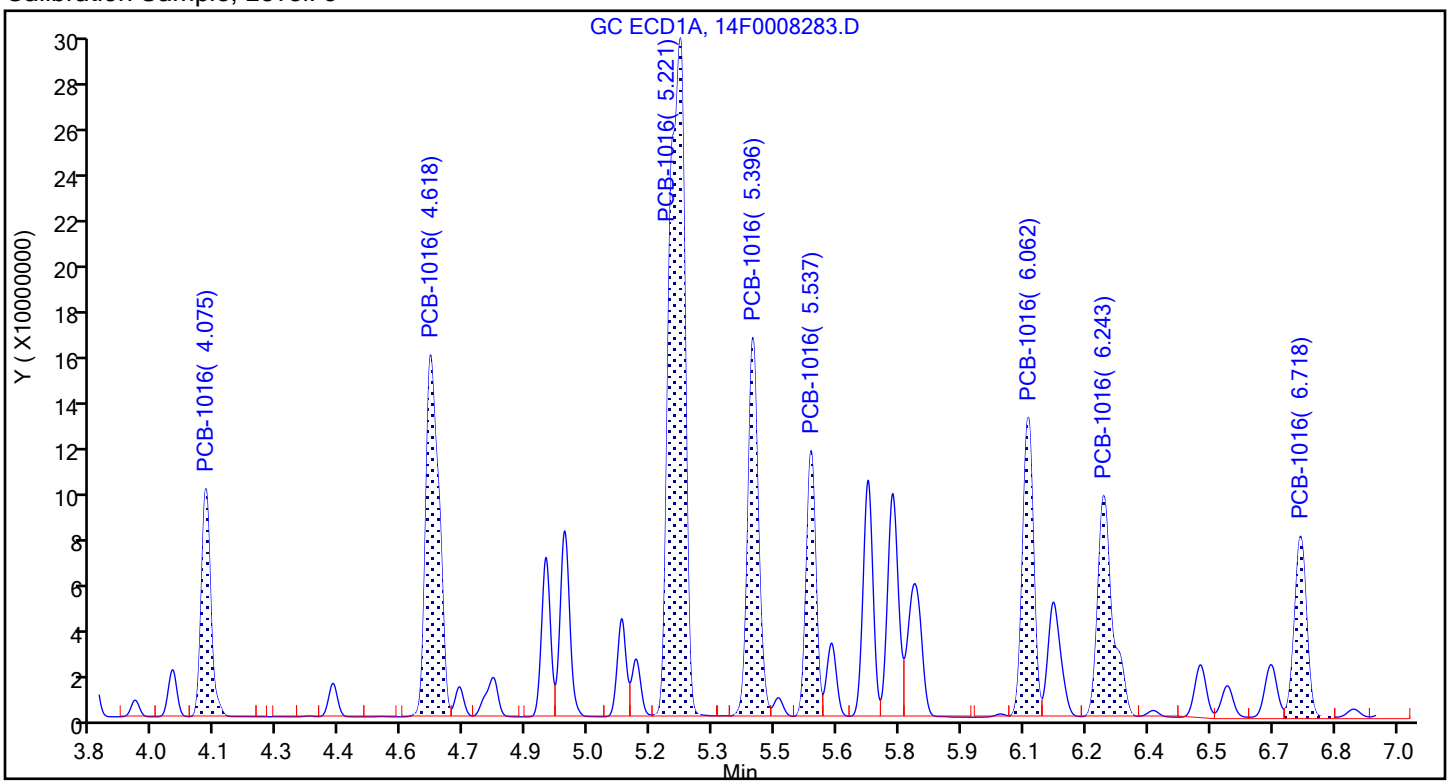
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

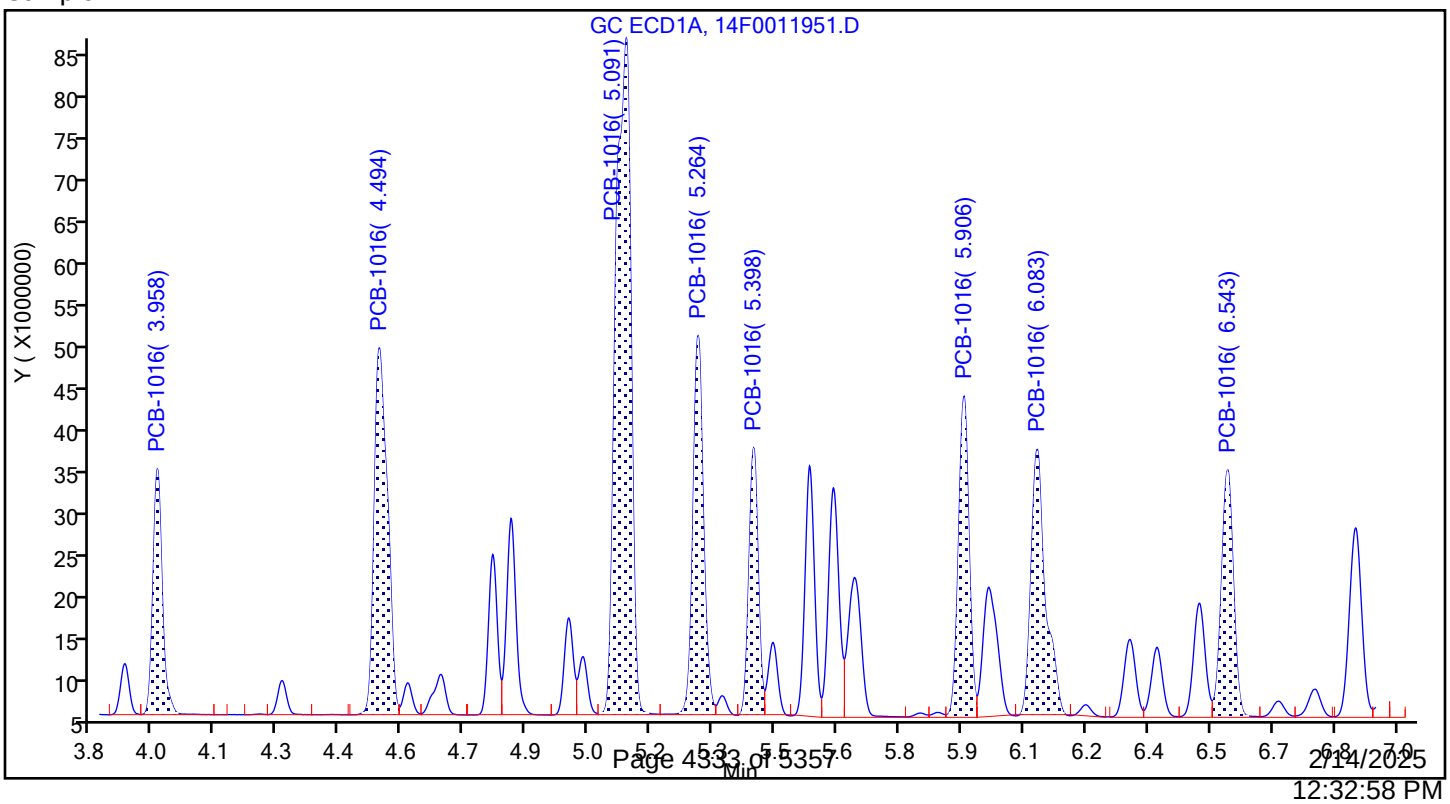
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:17 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14

Lims ID: LCSD 460-1019976/3-A

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

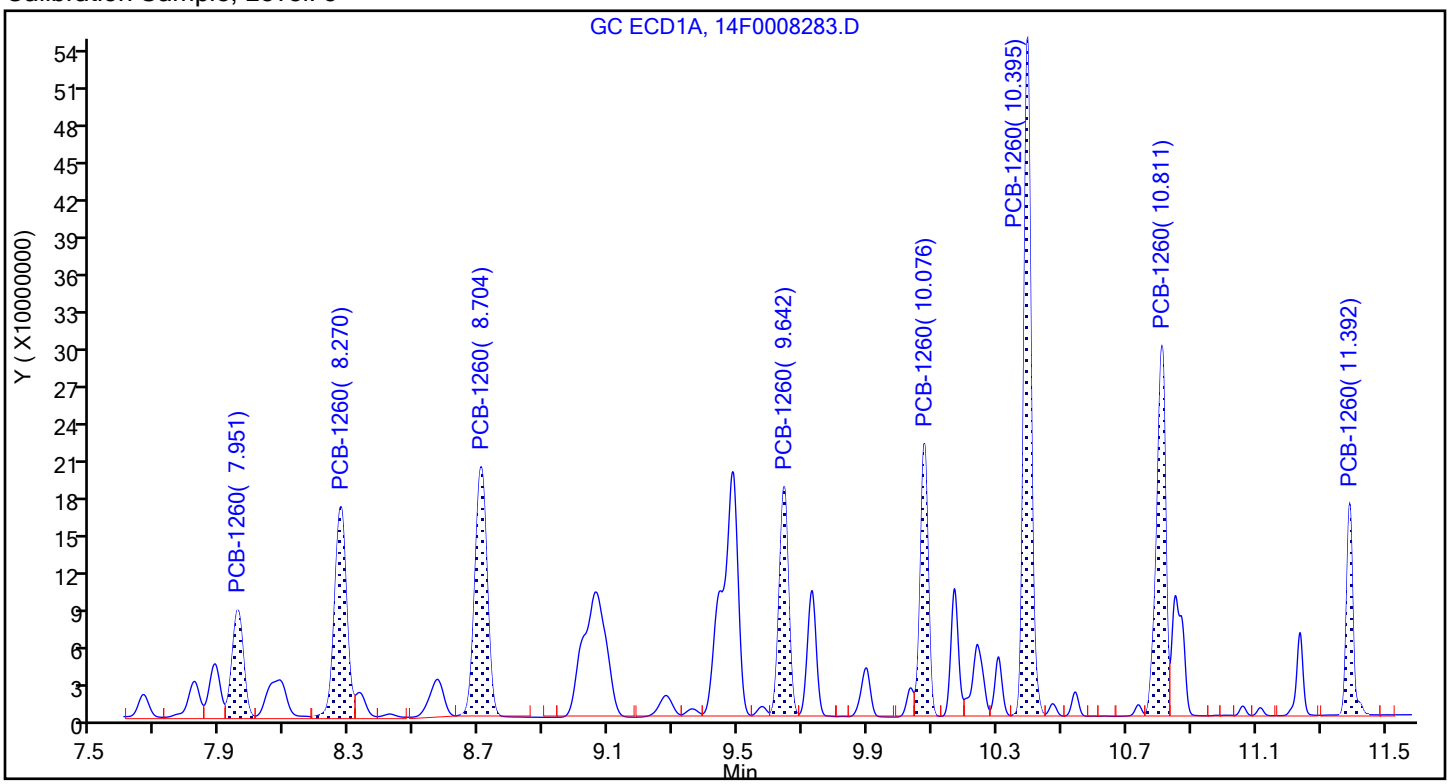
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

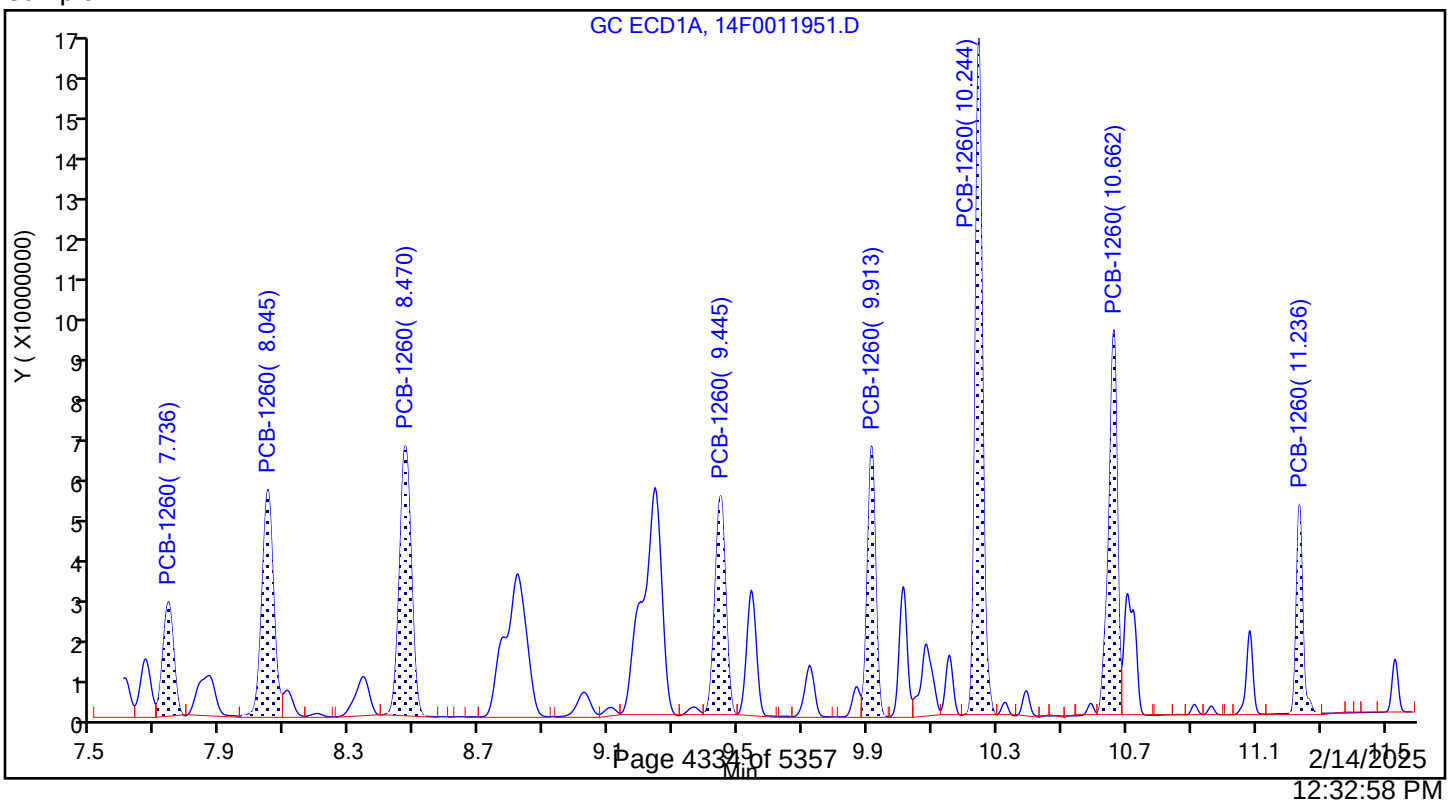
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1019976/3-A

Matrix: Solid | Lab File ID: 14F0011951.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.00(g) | Date Analyzed: 02/07/2025 15:17

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.332 | | 0.067 | 0.018 |
| 11096-82-5 | Aroclor 1260 | 0.360 | | 0.067 | 0.018 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 0.692 | | 0.067 | 0.018 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 102 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 95 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D
Lims ID: LCSD 460-1019976/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 07-Feb-2025 15:17:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-007
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.225 | -0.004 | 109871661 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 253916001 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.296 | 3.300 | -0.004 | 246585427 | 50.0 | 47.2 | |
| 2 | 2.658 | 2.658 | 0.000 | 664657470 | 50.0 | 47.7 | |
| | | | | | | RPD = 1.04 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 45829585 | 500.0 | 502.3 | |
| 1 | 4.494 | 4.498 | -0.004 | 96468168 | 500.0 | 487.2 | |
| 1 | 5.091 | 5.095 | -0.004 | 204347051 | 500.0 | 481.7 | |
| 1 | 5.264 | 5.268 | -0.004 | 79952641 | 500.0 | 485.5 | |
| 1 | 5.398 | 5.403 | -0.005 | 50128780 | 500.0 | 485.7 | |
| 1 | 5.906 | 5.910 | -0.004 | 67791911 | 500.0 | 503.9 | |
| 1 | 6.083 | 6.088 | -0.005 | 77079488 | 500.0 | 540.5 | |
| 1 | 6.543 | 6.548 | -0.005 | 59692134 | 500.0 | 586.6 | |
| | | Average of Peak Amounts = | | | | 509.2 | |
| 2 | 3.070 | 3.069 | 0.001 | 112442107 | 500.0 | 513.5 | |
| 2 | 3.479 | 3.480 | -0.001 | 197920402 | 500.0 | 483.2 | |
| 2 | 3.708 | 3.708 | 0.000 | 130774740 | 500.0 | 508.9 | |
| 2 | 4.018 | 4.017 | 0.001 | 461174335 | 500.0 | 479.8 | |
| 2 | 4.173 | 4.173 | 0.000 | 186178160 | 500.0 | 481.2 | |
| 2 | 4.246 | 4.245 | 0.001 | 117068440 | 500.0 | 498.0 | |
| 2 | 4.666 | 4.667 | -0.001 | 186742913 | 500.0 | 488.4 | |
| 2 | 5.125 | 5.126 | -0.001 | 97568434 | 500.0 | 535.4 | |
| | | Average of Peak Amounts = | | | | 498.6 | |
| | | | | | | RPD = 2.11 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.736 | 7.743 | -0.007 | 62959785 | 500.0 | 501.0 | |
| 1 | 8.045 | 8.053 | -0.008 | 132478695 | 500.0 | 493.9 | |
| 1 | 8.470 | 8.479 | -0.009 | 161396090 | 500.0 | 507.9 | |
| 1 | 9.445 | 9.450 | -0.005 | 119875506 | 500.0 | 570.9 | |
| 1 | 9.913 | 9.918 | -0.005 | 113032795 | 500.0 | 543.4 | |
| 1 | 10.244 | 10.249 | -0.005 | 253607920 | 500.0 | 546.0 | |
| 1 | 10.662 | 10.668 | -0.006 | 168835455 | 500.0 | 548.9 | |
| 1 | 11.236 | 11.244 | -0.008 | 68386260 | 500.0 | 579.7 | |
| | | Average of Peak Amounts = | | | | 536.5 | |
| 2 | 6.209 | 6.210 | -0.001 | 284173755 | 500.0 | 505.4 | |
| 2 | 6.617 | 6.618 | -0.001 | 444774237 | 500.0 | 486.2 | |
| 2 | 7.254 | 7.258 | -0.004 | 277862774 | 500.0 | 502.6 | |
| 2 | 7.676 | 7.678 | -0.002 | 299762911 | 500.0 | 561.8 | |
| 2 | 8.258 | 8.262 | -0.004 | 720450596 | 500.0 | 534.0 | |
| 2 | 8.814 | 8.818 | -0.004 | 357751175 | 500.0 | 525.3 | |
| 2 | 9.001 | 9.003 | -0.002 | 212515814 | 500.0 | 607.8 | |
| 2 | 9.955 | 9.958 | -0.003 | 187879919 | 500.0 | 599.9 | |
| | | Average of Peak Amounts = | | | | 540.4 | |
| | | | | | | RPD = 0.73 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.776 | 11.787 | -0.011 | 178915039 | 50.0 | 49.4 | |
| 2 | 10.528 | 10.535 | -0.007 | 499941458 | 50.0 | 51.0 | |
| | | | | | | RPD = 3.17 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:41:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14 Operator ID:

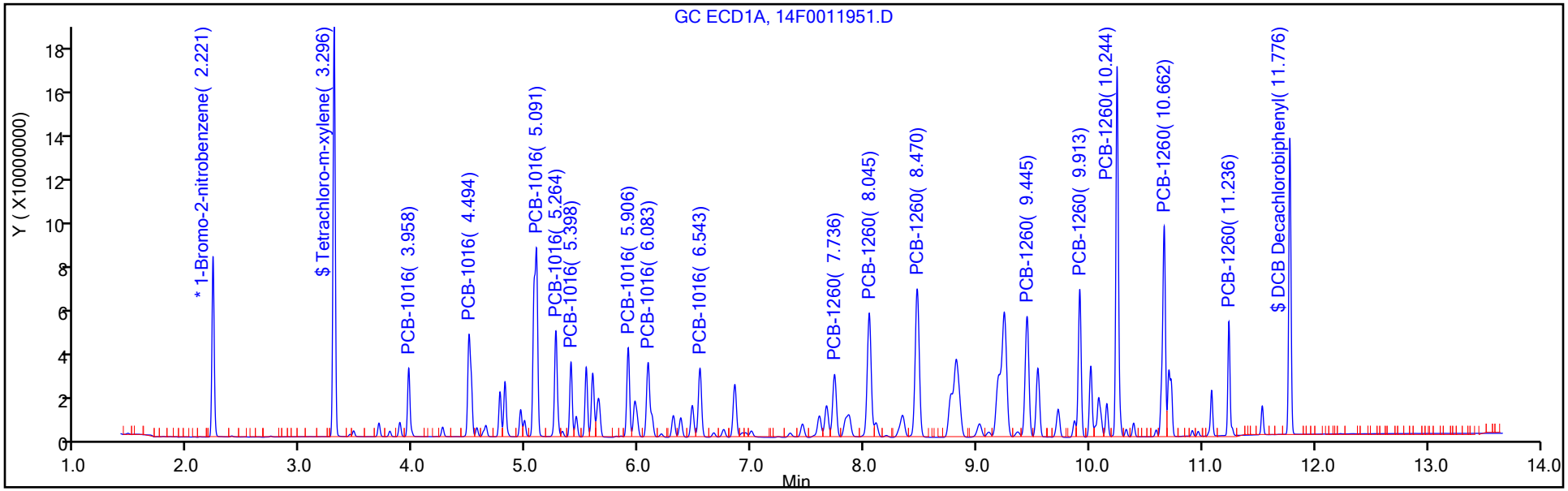
Lims ID: LCSD 460-1019976/3-A Worklist Smp#: 7

Client ID:

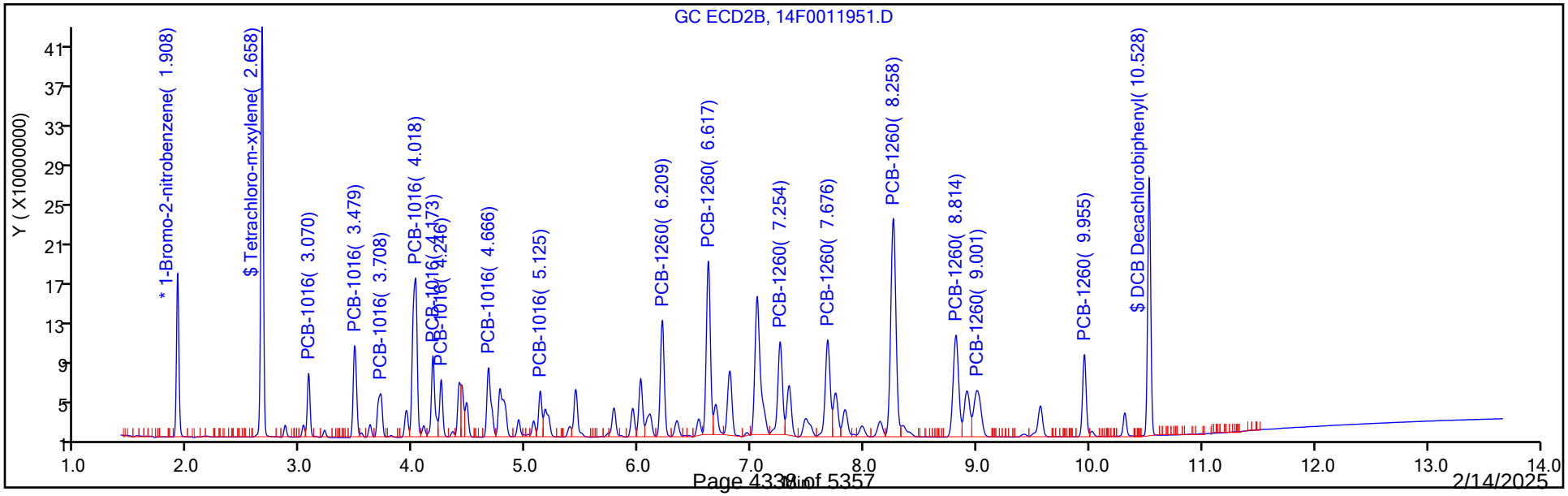
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D | | | | |
| Lims ID: | LCSD 460-1019976/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 07-Feb-2025 15:17:00 | ALS Bottle#: | 7 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.2 | 94.32 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 49.4 | 98.83 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 47.7 | 95.30 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 51.0 | 102.02 |

Report Date: 07-Feb-2025 17:41:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14

Lims ID: LCSD 460-1019976/3-A

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

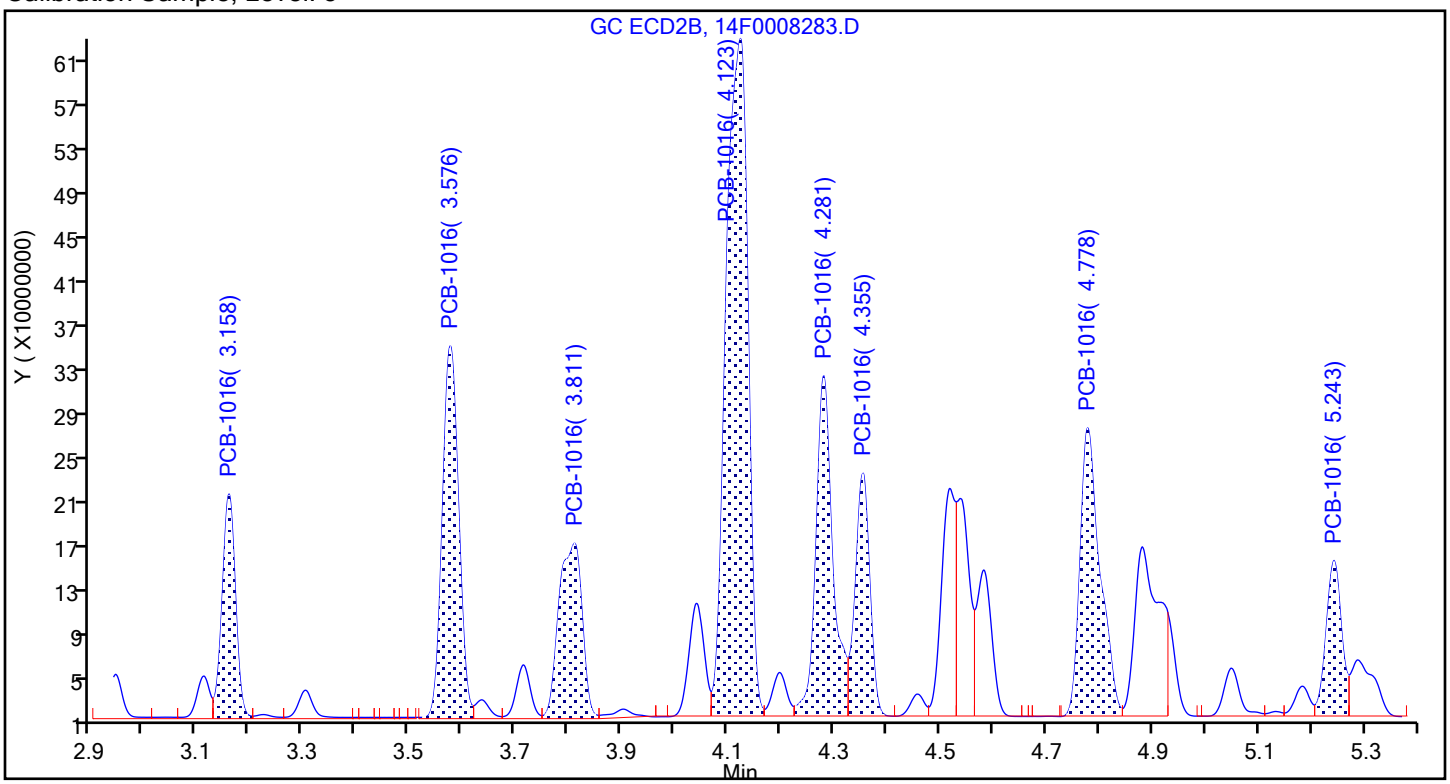
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

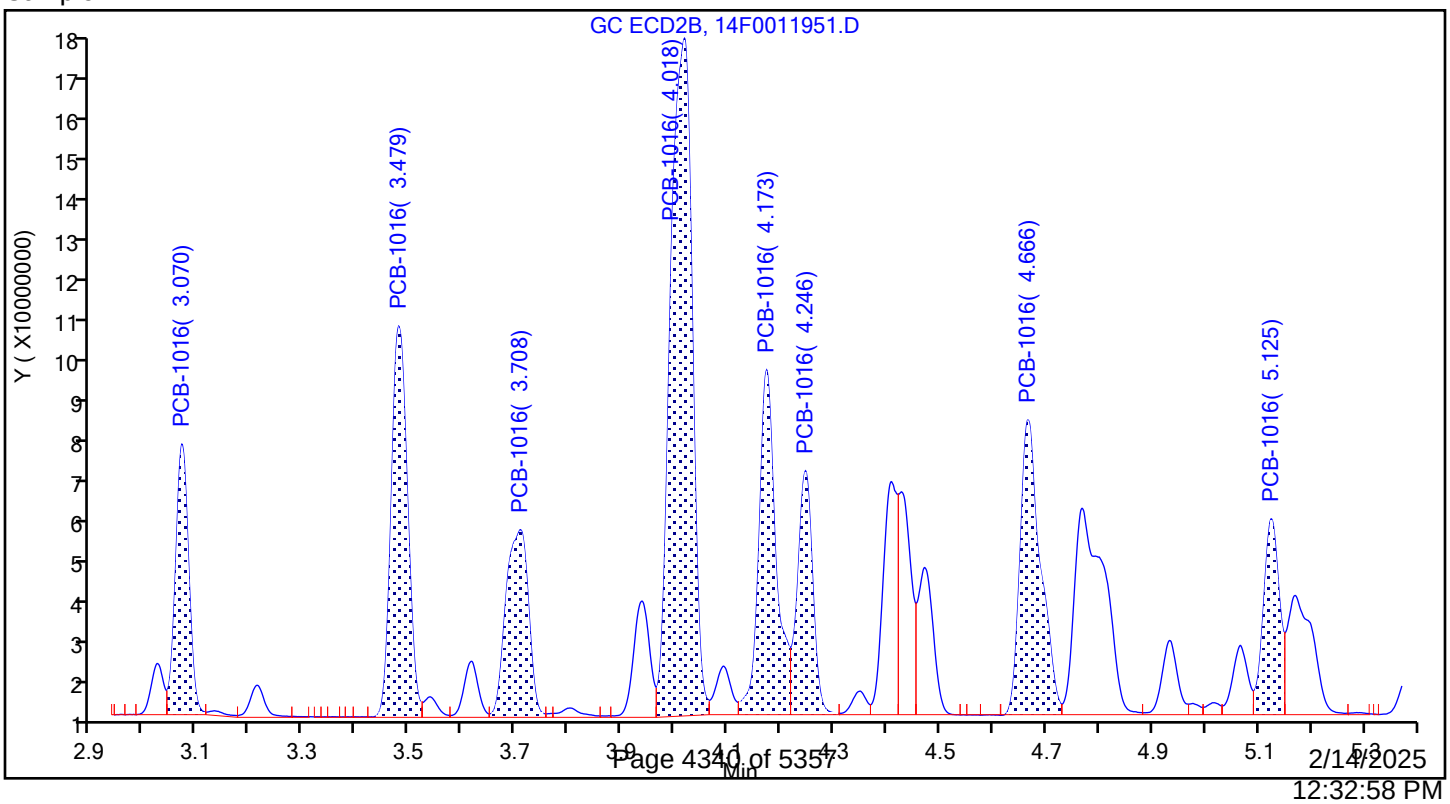
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:18 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011951.D

Injection Date: 07-Feb-2025 15:17:00 Instrument ID: CPESTGC14

Lims ID: LCSD 460-1019976/3-A

Client ID:

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

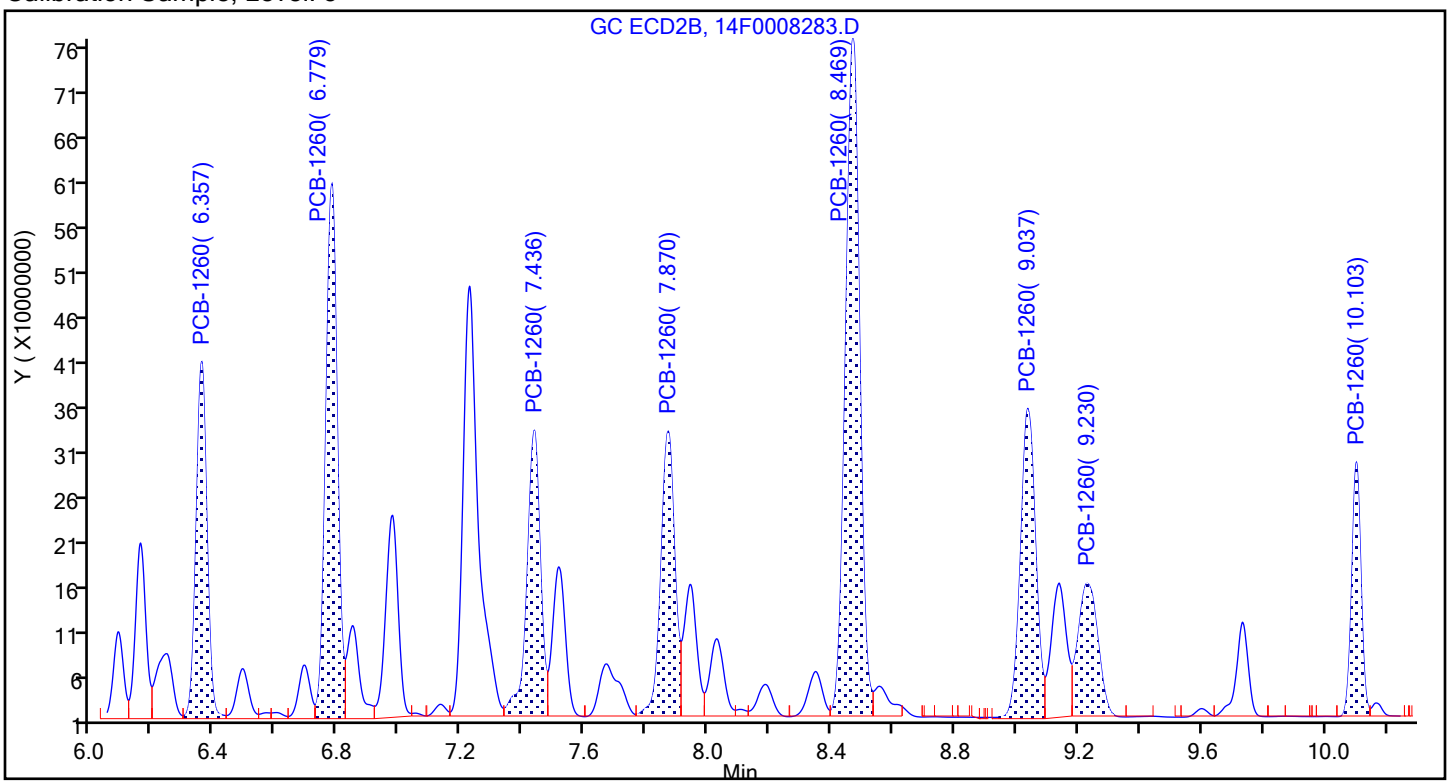
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

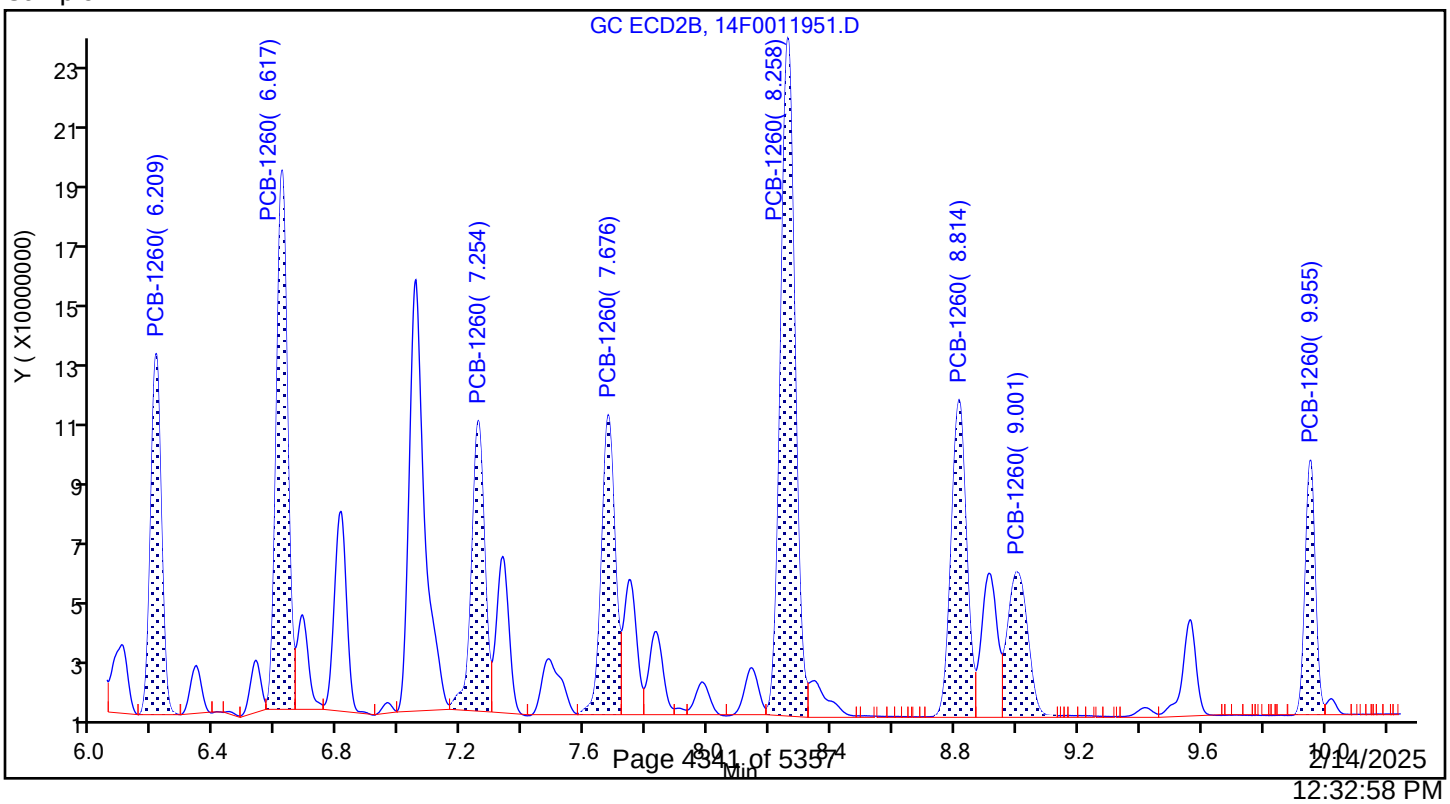
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020297/3-A

Matrix: Water | Lab File ID: 14F0012010.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *4.56* | | *0.20* | *0.12* |
| *11096-82-5* | *Aroclor 1260* | *4.79* | | *0.20* | *0.11* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *9.35* | | *0.20* | *0.12* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 58 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 95 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Lims ID: LCSD 460-1020297/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Feb-2025 08:56:04 ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-007
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.216 | 0.005 | 89951768 | 20.0 | 20.0 | |
| 2 | 1.907 | 1.902 | 0.005 | 211919741 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.295 | 3.289 | 0.006 | 405454392 | 100.0 | 94.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1105866281 | 100.0 | 95.0 | |
| | | | | | | RPD = 0.30 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.956 | 3.949 | 0.007 | 82604377 | 1000.0 | 1105.7 | |
| 1 | 4.490 | 4.485 | 0.005 | 174696353 | 1000.0 | 1077.7 | |
| 1 | 5.087 | 5.081 | 0.006 | 378219443 | 1000.0 | 1089.1 | |
| 1 | 5.261 | 5.254 | 0.007 | 145151392 | 1000.0 | 1076.5 | |
| 1 | 5.395 | 5.388 | 0.007 | 92114110 | 1000.0 | 1090.2 | |
| 1 | 5.902 | 5.895 | 0.007 | 125259882 | 1000.0 | 1137.3 | |
| 1 | 6.078 | 6.070 | 0.008 | 141884137 | 1000.0 | 1215.4 | |
| 1 | 6.539 | 6.530 | 0.009 | 110355144 | 1000.0 | 1324.7 | |
| | | Average of Peak Amounts = | | | | 1139.6 | |
| 2 | 3.068 | 3.062 | 0.006 | 187577035 | 1000.0 | 1026.5 | |
| 2 | 3.478 | 3.471 | 0.007 | 355747643 | 1000.0 | 1040.7 | |
| 2 | 3.707 | 3.700 | 0.007 | 238892835 | 1000.0 | 1113.8 | |
| 2 | 4.015 | 4.008 | 0.007 | 866974417 | 1000.0 | 1080.6 | |
| 2 | 4.171 | 4.164 | 0.007 | 345941355 | 1000.0 | 1071.3 | |
| 2 | 4.243 | 4.236 | 0.007 | 222376295 | 1000.0 | 1133.4 | |
| 2 | 4.662 | 4.656 | 0.006 | 365087827 | 1000.0 | 1144.1 | |
| 2 | 5.122 | 5.116 | 0.006 | 189177010 | 1000.0 | 1243.8 | |
| | | Average of Peak Amounts = | | | | 1106.8 | |
| | | | | | | RPD = 2.92 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.731 | 7.722 | 0.009 | 115672337 | 1000.0 | 1124.3 | |
| 1 | 8.039 | 8.030 | 0.009 | 242648113 | 1000.0 | 1104.9 | |
| 1 | 8.465 | 8.455 | 0.010 | 294822443 | 1000.0 | 1133.2 | |
| 1 | 9.439 | 9.430 | 0.009 | 219132521 | 1000.0 | 1274.7 | |
| 1 | 9.906 | 9.899 | 0.007 | 206479505 | 1000.0 | 1212.5 | |
| 1 | 10.236 | 10.229 | 0.007 | 463251503 | 1000.0 | 1218.3 | |
| 1 | 10.650 | 10.641 | 0.009 | 308426048 | 1000.0 | 1224.8 | |
| 1 | 11.221 | 11.207 | 0.014 | 124570763 | 1000.0 | 1289.9 | |
| | | Average of Peak Amounts = | | | | 1197.8 | |
| 2 | 6.204 | 6.196 | 0.008 | 559048037 | 1000.0 | 1191.4 | |
| 2 | 6.613 | 6.604 | 0.009 | 902262831 | 1000.0 | 1181.7 | |
| 2 | 7.249 | 7.240 | 0.009 | 552533743 | 1000.0 | 1197.4 | |
| 2 | 7.671 | 7.661 | 0.010 | 589466828 | 1000.0 | 1323.6 | |
| 2 | 8.251 | 8.244 | 0.007 | 1427580730 | 1000.0 | 1267.8 | |
| 2 | 8.807 | 8.796 | 0.011 | 700215676 | 1000.0 | 1231.9 | |
| 2 | 8.994 | 8.985 | 0.009 | 402899367 | 1000.0 | 1380.8 | |
| 2 | 9.947 | 9.940 | 0.007 | 348228717 | 1000.0 | 1332.2 | |
| | | Average of Peak Amounts = | | | | 1263.4 | |
| | | | | | | RPD = 5.32 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.759 | 11.744 | 0.015 | 173120111 | 100.0 | 58.4 | |
| 2 | 10.519 | 10.511 | 0.008 | 481586215 | 100.0 | 58.9 | |
| | | | | | | RPD = 0.80 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 10-Feb-2025 09:22:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D

Injection Date: 09-Feb-2025 08:56:04 Instrument ID: CPESTGC14 Operator ID:

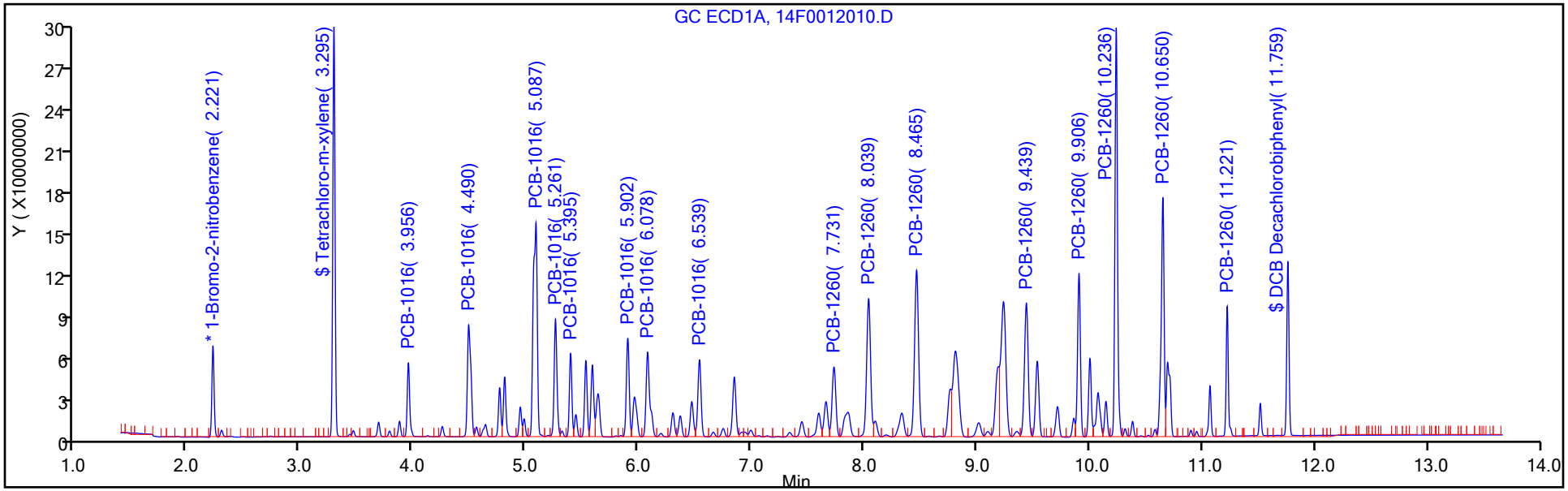
Lims ID: LCSD 460-1020297/3-A Worklist Smp#: 7

Client ID:

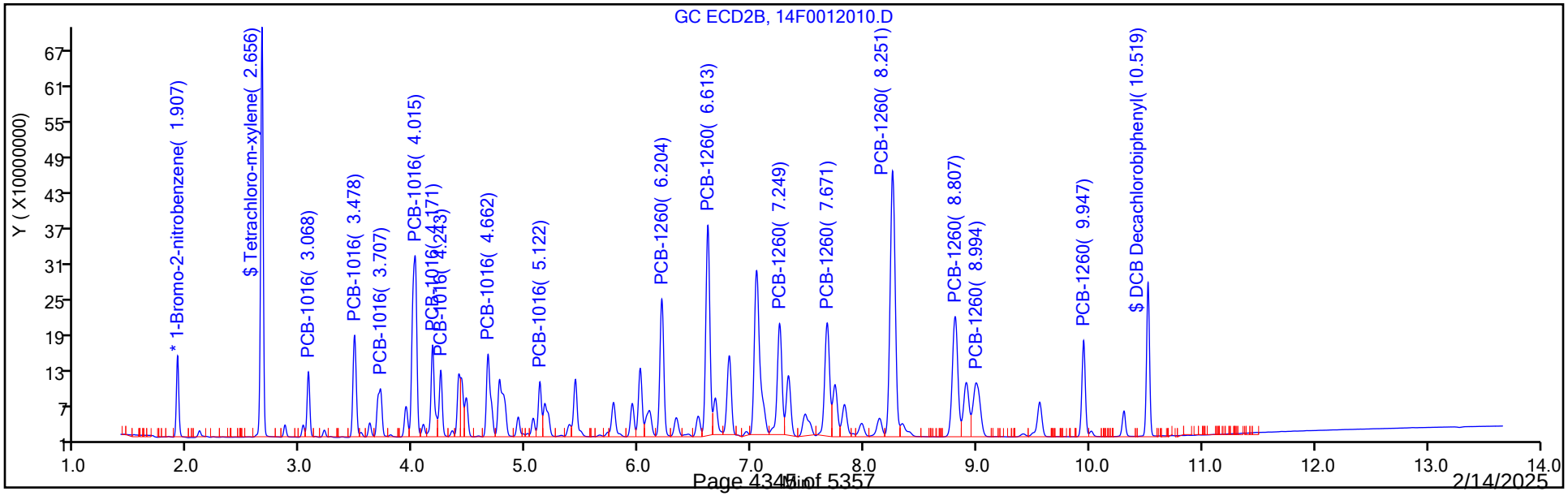
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 66

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025

12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D | | | | |
| Lims ID: | LCSD 460-1020297/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 09-Feb-2025 08:56:04 | ALS Bottle#: | 66 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 09:22:18 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 94.7 | 94.71 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 58.4 | 58.40 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 95.0 | 94.99 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 58.9 | 58.87 |

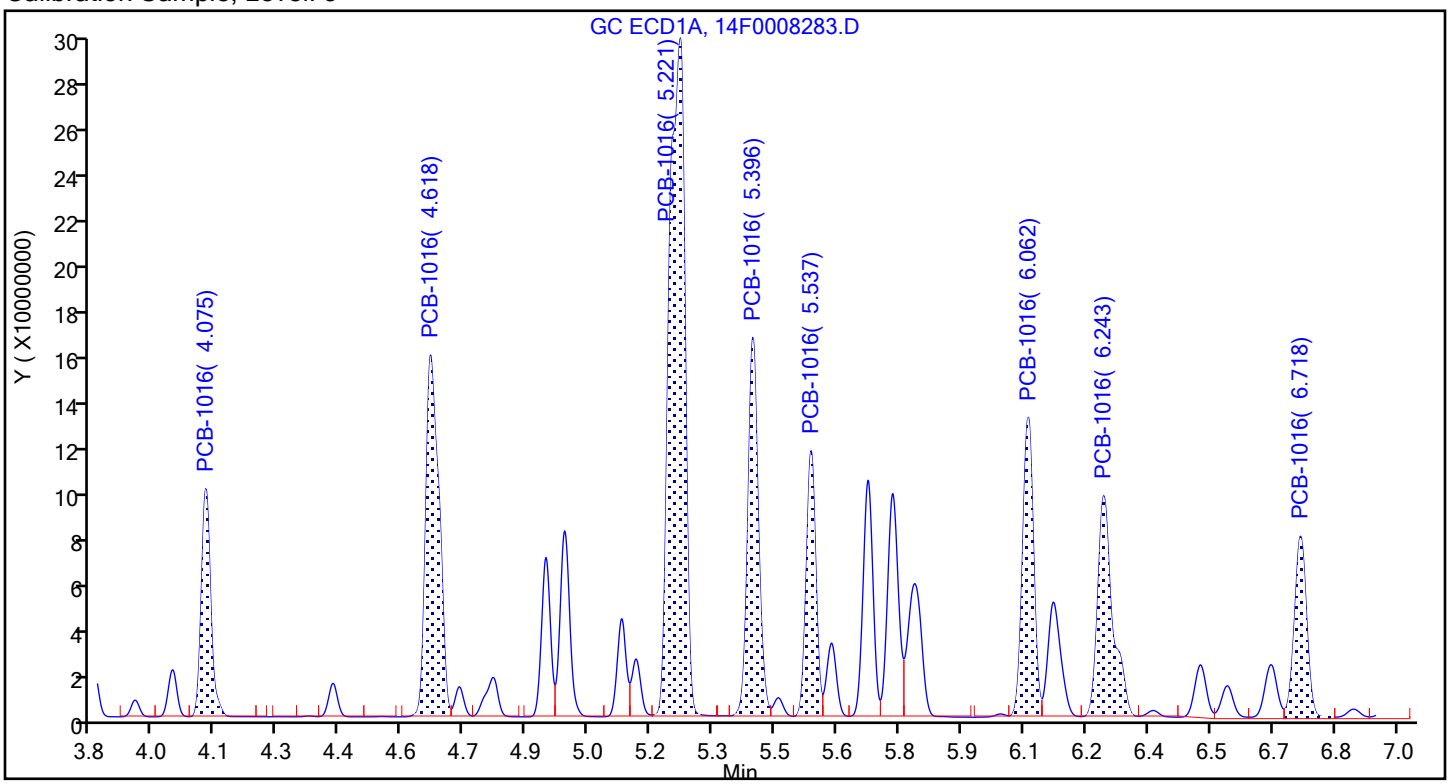
Report Date: 10-Feb-2025 09:22:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

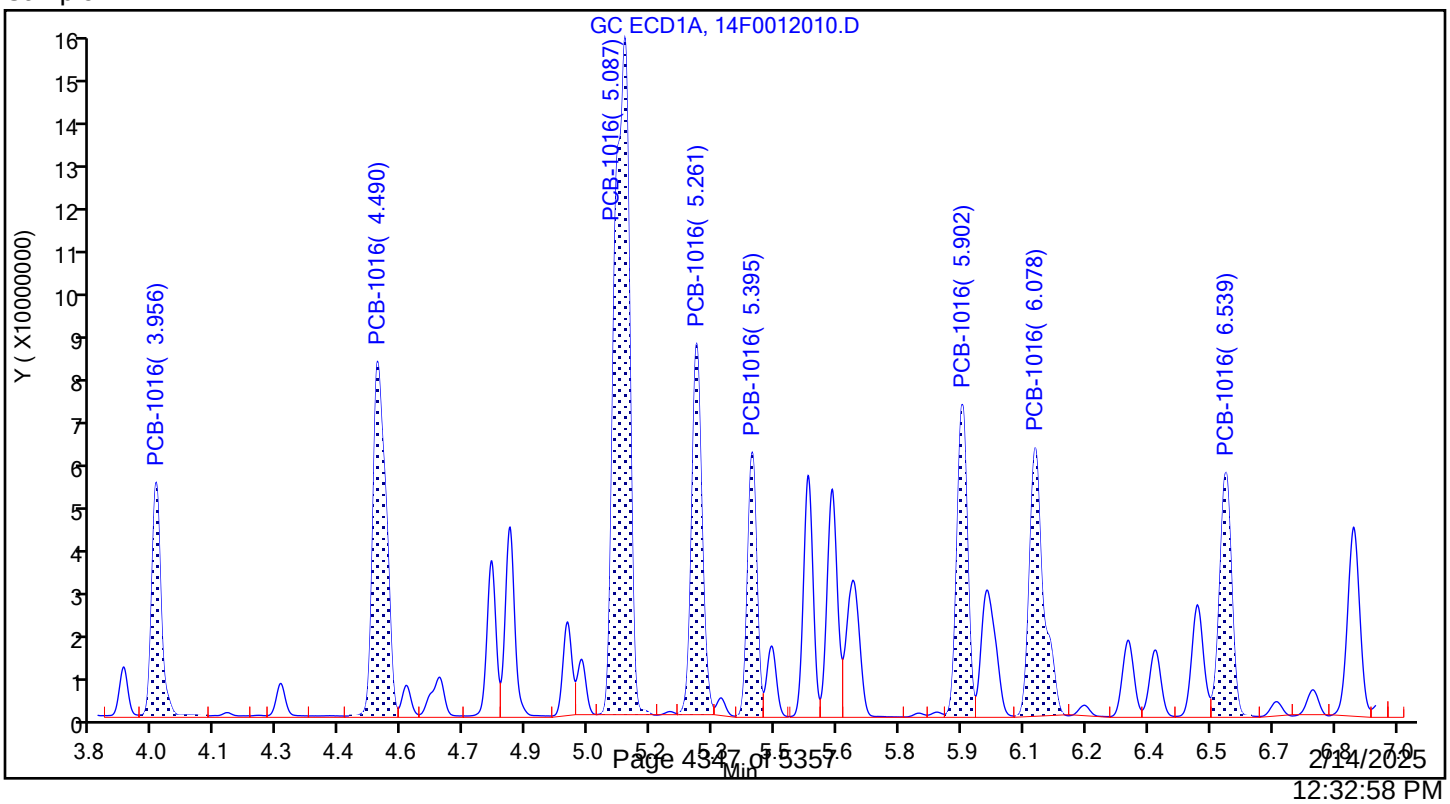
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Injection Date: 09-Feb-2025 08:56:04 Instrument ID: CPESTGC14
Lims ID: LCSD 460-1020297/3-A
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



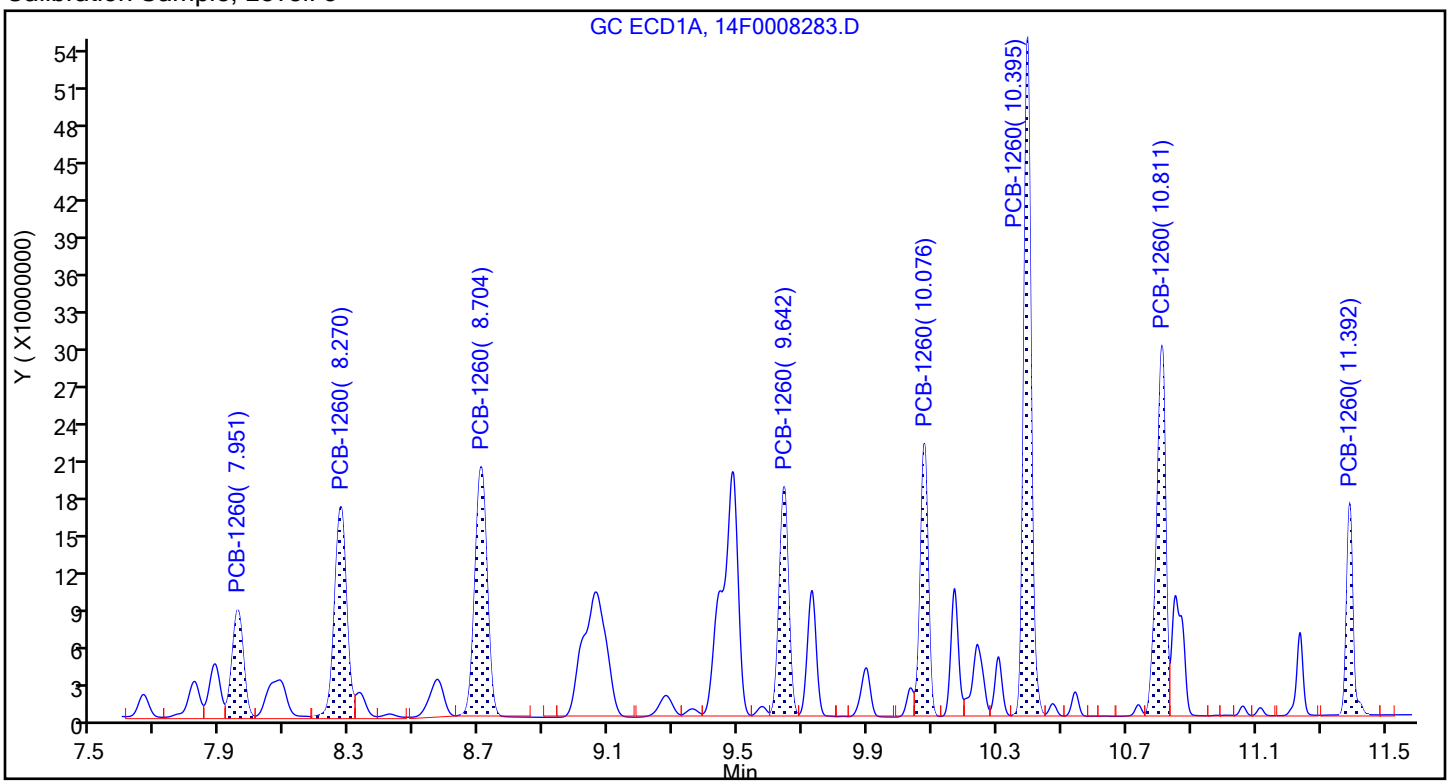
Report Date: 10-Feb-2025 09:22:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

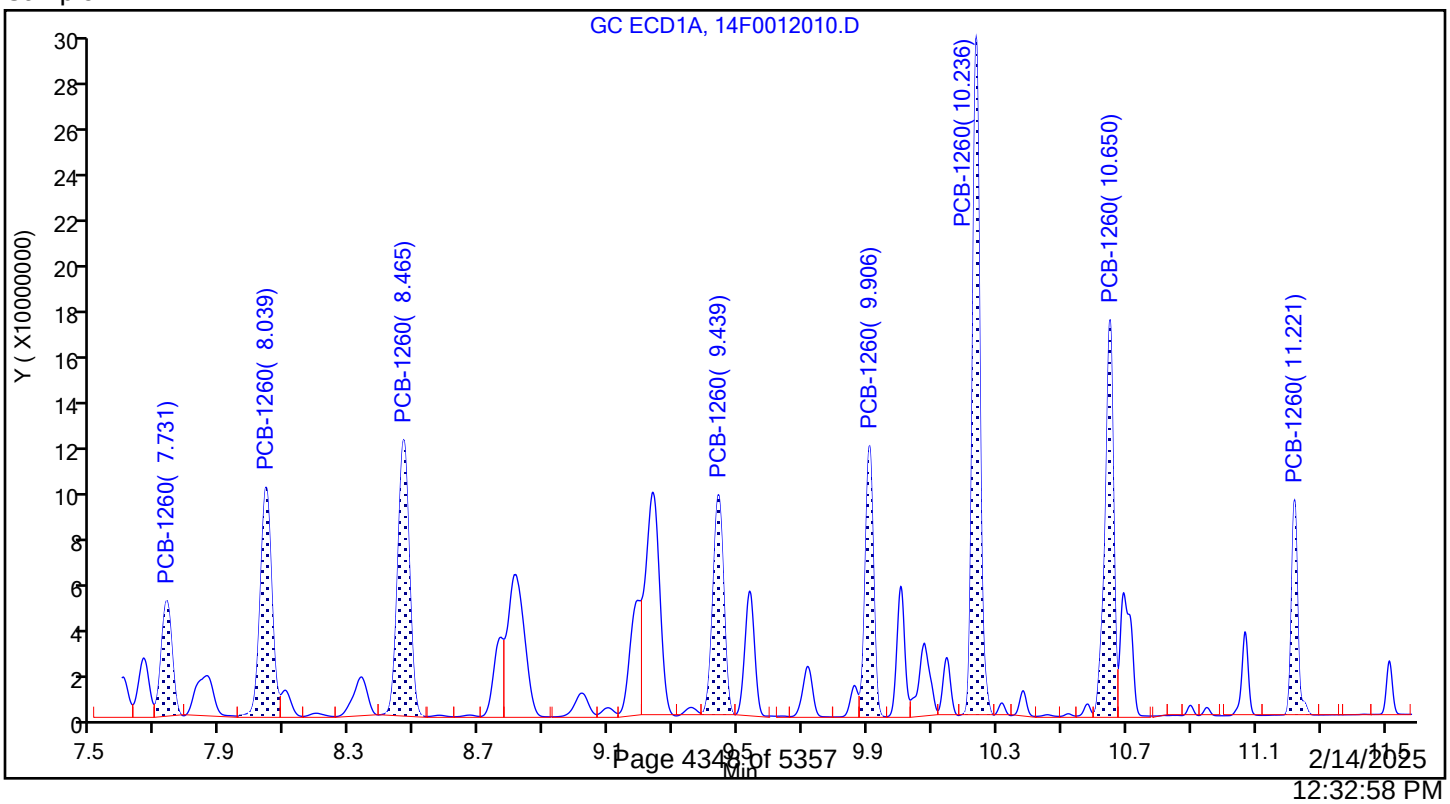
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Injection Date: 09-Feb-2025 08:56:04 Instrument ID: CPESTGC14
Lims ID: LCSD 460-1020297/3-A
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-1020297/3-A

Matrix: Water | Lab File ID: 14F0012010.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3510C | Date Extracted: 02/08/2025 13:45

Sample wt/vol: 250(mL) | Date Analyzed: 02/09/2025 08:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020345 | Units: ug/L

Preparation Batch No.: 1020297 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 4.43 | | 0.20 | 0.12 |
| 11096-82-5 | Aroclor 1260 | 5.05 | | 0.20 | 0.11 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 9.48 | | 0.20 | 0.12 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 59 | | 18-145 |
| 877-09-8 | Tetrachloro-m-xylene | 95 | | 21-124 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Lims ID: LCSD 460-1020297/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 09-Feb-2025 08:56:04 ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186695-007
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 10-Feb-2025 09:22:18 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1650

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.221 | 2.216 | 0.005 | 89951768 | 20.0 | 20.0 | |
| 2 | 1.907 | 1.902 | 0.005 | 211919741 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.295 | 3.289 | 0.006 | 405454392 | 100.0 | 94.7 | |
| 2 | 2.656 | 2.651 | 0.005 | 1105866281 | 100.0 | 95.0 | |
| | | | | | | RPD = 0.30 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.956 | 3.949 | 0.007 | 82604377 | 1000.0 | 1105.7 | |
| 1 | 4.490 | 4.485 | 0.005 | 174696353 | 1000.0 | 1077.7 | |
| 1 | 5.087 | 5.081 | 0.006 | 378219443 | 1000.0 | 1089.1 | |
| 1 | 5.261 | 5.254 | 0.007 | 145151392 | 1000.0 | 1076.5 | |
| 1 | 5.395 | 5.388 | 0.007 | 92114110 | 1000.0 | 1090.2 | |
| 1 | 5.902 | 5.895 | 0.007 | 125259882 | 1000.0 | 1137.3 | |
| 1 | 6.078 | 6.070 | 0.008 | 141884137 | 1000.0 | 1215.4 | |
| 1 | 6.539 | 6.530 | 0.009 | 110355144 | 1000.0 | 1324.7 | |
| | | Average of Peak Amounts = | | | | 1139.6 | |
| 2 | 3.068 | 3.062 | 0.006 | 187577035 | 1000.0 | 1026.5 | |
| 2 | 3.478 | 3.471 | 0.007 | 355747643 | 1000.0 | 1040.7 | |
| 2 | 3.707 | 3.700 | 0.007 | 238892835 | 1000.0 | 1113.8 | |
| 2 | 4.015 | 4.008 | 0.007 | 866974417 | 1000.0 | 1080.6 | |
| 2 | 4.171 | 4.164 | 0.007 | 345941355 | 1000.0 | 1071.3 | |
| 2 | 4.243 | 4.236 | 0.007 | 222376295 | 1000.0 | 1133.4 | |
| 2 | 4.662 | 4.656 | 0.006 | 365087827 | 1000.0 | 1144.1 | |
| 2 | 5.122 | 5.116 | 0.006 | 189177010 | 1000.0 | 1243.8 | |
| | | Average of Peak Amounts = | | | | 1106.8 | |
| | | | | | | RPD = 2.92 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.731 | 7.722 | 0.009 | 115672337 | 1000.0 | 1124.3 | |
| 1 | 8.039 | 8.030 | 0.009 | 242648113 | 1000.0 | 1104.9 | |
| 1 | 8.465 | 8.455 | 0.010 | 294822443 | 1000.0 | 1133.2 | |
| 1 | 9.439 | 9.430 | 0.009 | 219132521 | 1000.0 | 1274.7 | |
| 1 | 9.906 | 9.899 | 0.007 | 206479505 | 1000.0 | 1212.5 | |
| 1 | 10.236 | 10.229 | 0.007 | 463251503 | 1000.0 | 1218.3 | |
| 1 | 10.650 | 10.641 | 0.009 | 308426048 | 1000.0 | 1224.8 | |
| 1 | 11.221 | 11.207 | 0.014 | 124570763 | 1000.0 | 1289.9 | |
| | | Average of Peak Amounts = | | | | 1197.8 | |
| 2 | 6.204 | 6.196 | 0.008 | 559048037 | 1000.0 | 1191.4 | |
| 2 | 6.613 | 6.604 | 0.009 | 902262831 | 1000.0 | 1181.7 | |
| 2 | 7.249 | 7.240 | 0.009 | 552533743 | 1000.0 | 1197.4 | |
| 2 | 7.671 | 7.661 | 0.010 | 589466828 | 1000.0 | 1323.6 | |
| 2 | 8.251 | 8.244 | 0.007 | 1427580730 | 1000.0 | 1267.8 | |
| 2 | 8.807 | 8.796 | 0.011 | 700215676 | 1000.0 | 1231.9 | |
| 2 | 8.994 | 8.985 | 0.009 | 402899367 | 1000.0 | 1380.8 | |
| 2 | 9.947 | 9.940 | 0.007 | 348228717 | 1000.0 | 1332.2 | |
| | | Average of Peak Amounts = | | | | 1263.4 | |
| | | | | | | RPD = 5.32 | |
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.759 | 11.744 | 0.015 | 173120111 | 100.0 | 58.4 | |
| 2 | 10.519 | 10.511 | 0.008 | 481586215 | 100.0 | 58.9 | |
| | | | | | | RPD = 0.80 | |

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

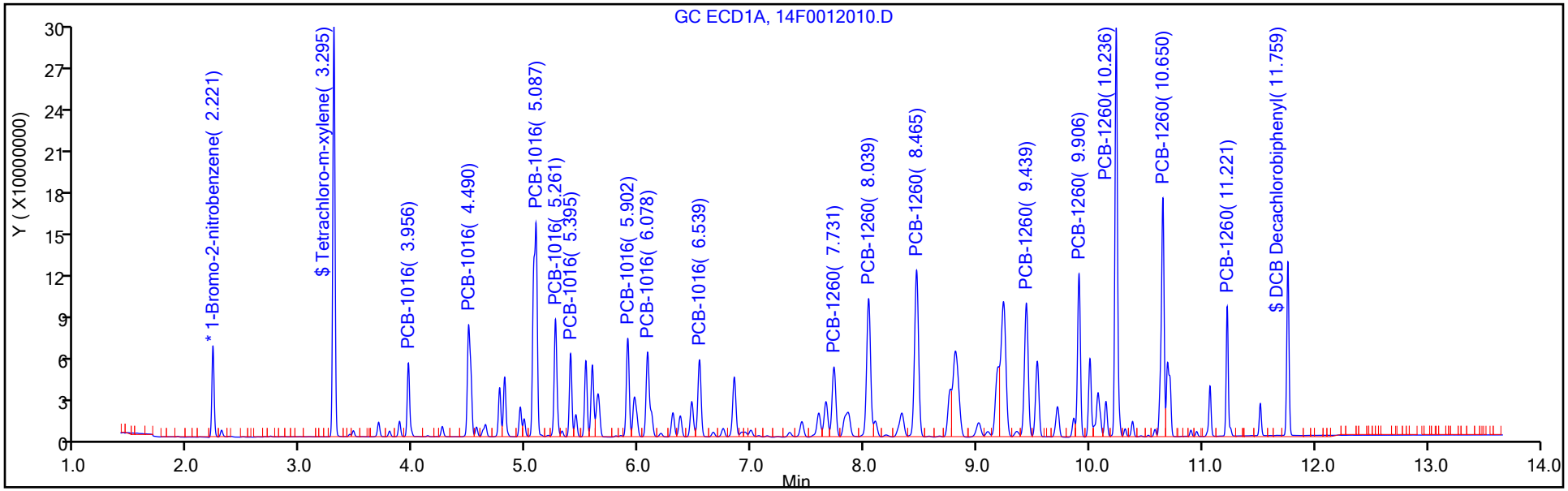
Report Date: 10-Feb-2025 09:22:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

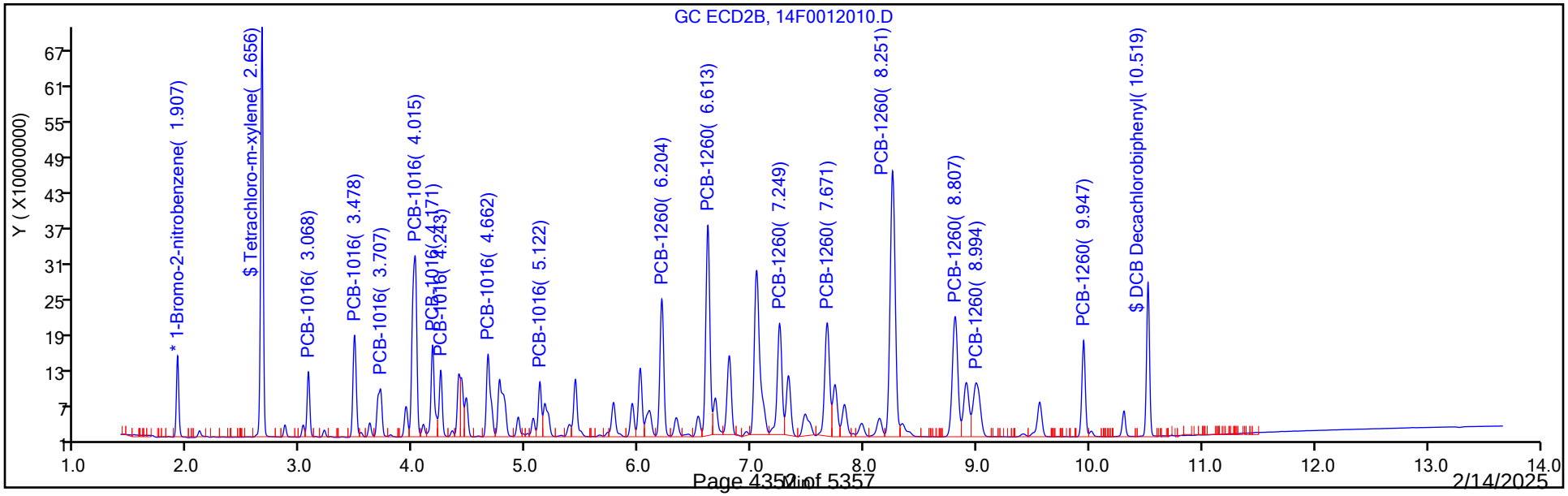
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 09-Feb-2025 08:56:04 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | LCSD 460-1020297/3-A | | | Worklist Smp#: | 7 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 66 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D | | | | |
| Lims ID: | LCSD 460-1020297/3-A | | | | |
| Client ID: | | | | | |
| Sample Type: | LCSD | | | | |
| Inject. Date: | 09-Feb-2025 08:56:04 | ALS Bottle#: | 66 | Worklist Smp#: | 7 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186695-007 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 10-Feb-2025 09:22:18 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1650 | | | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 94.7 | 94.71 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 58.4 | 58.40 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 100.0 | 95.0 | 94.99 |
| $ 11 DCB Decachlorobiphenyl | 100.0 | 58.9 | 58.87 |

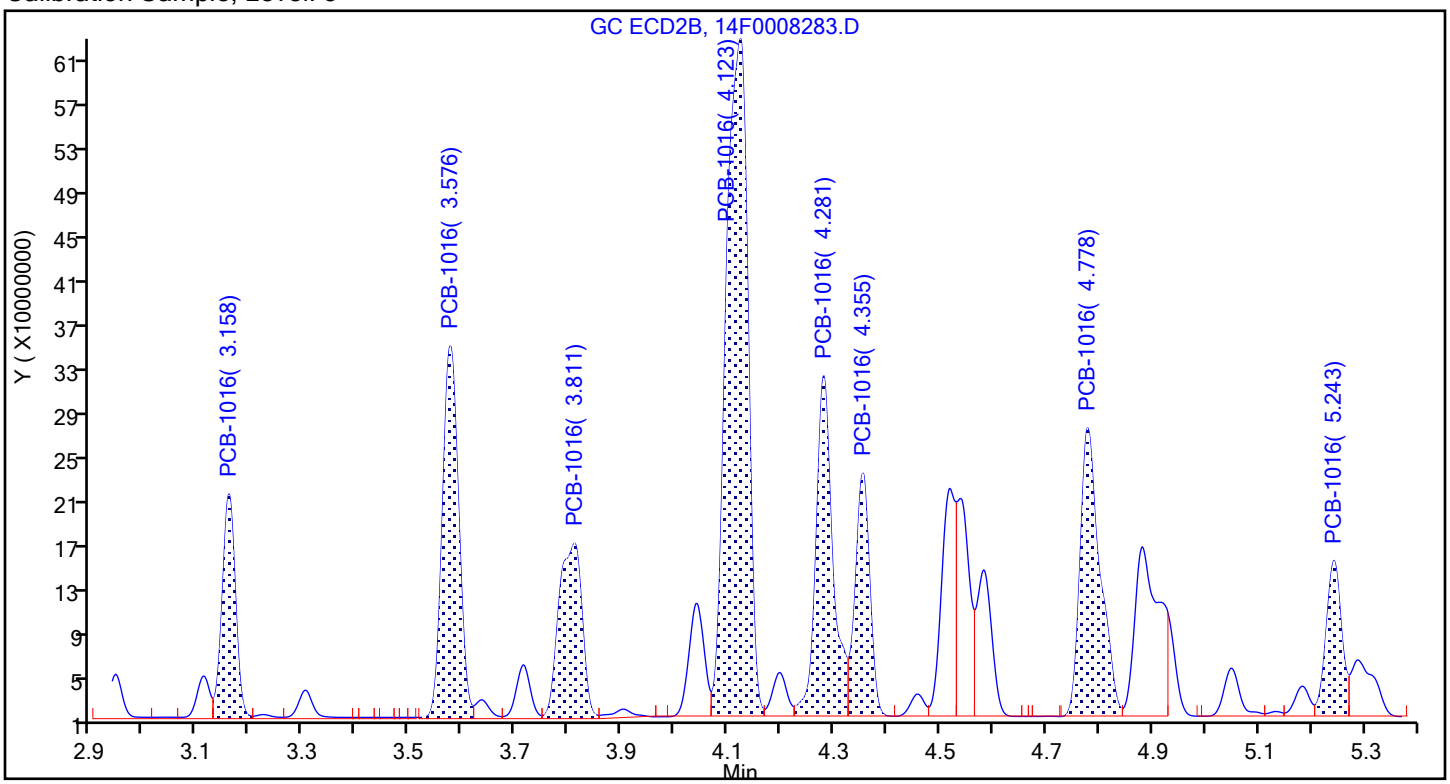
Report Date: 10-Feb-2025 09:22:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

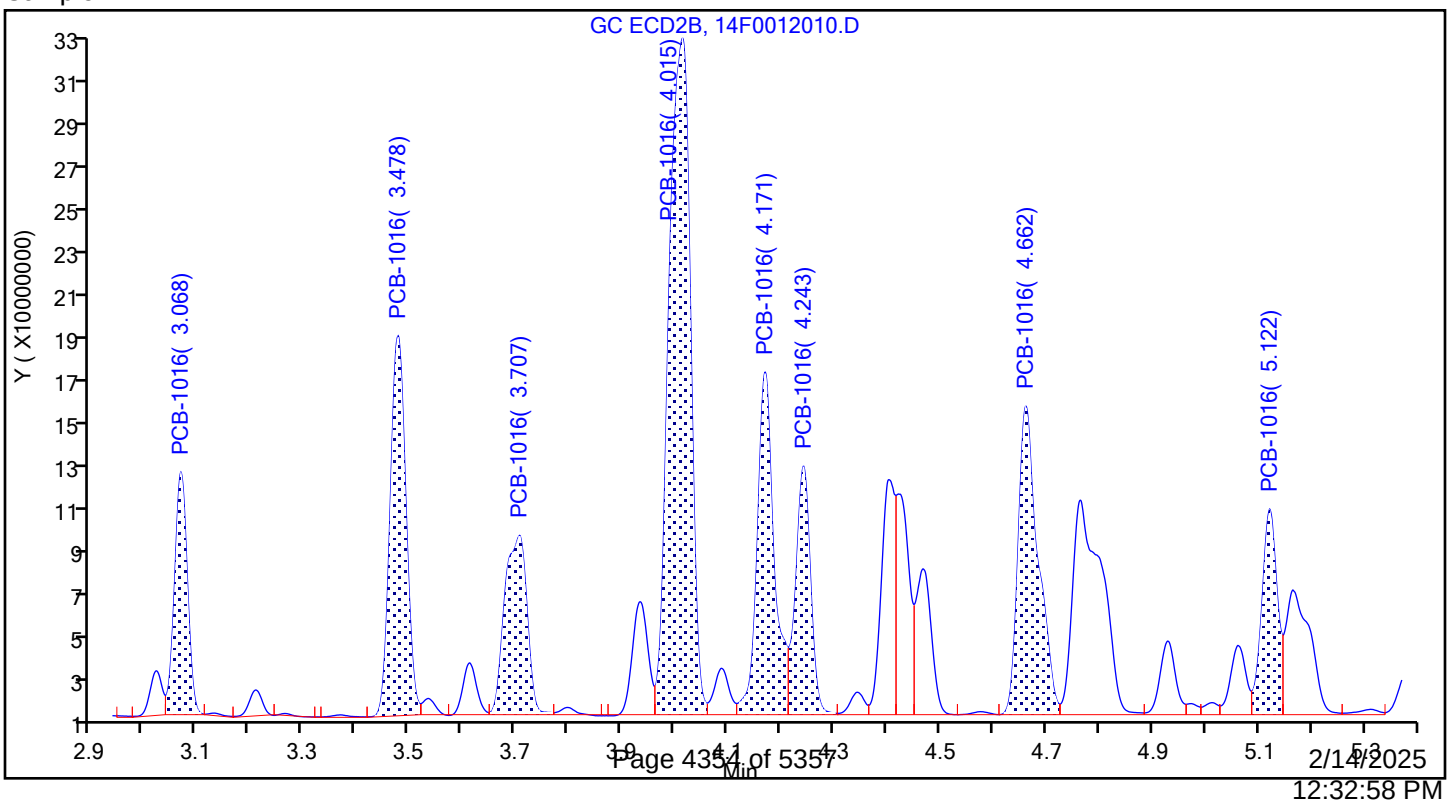
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Injection Date: 09-Feb-2025 08:56:04 Instrument ID: CPESTGC14
Lims ID: LCSD 460-1020297/3-A
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



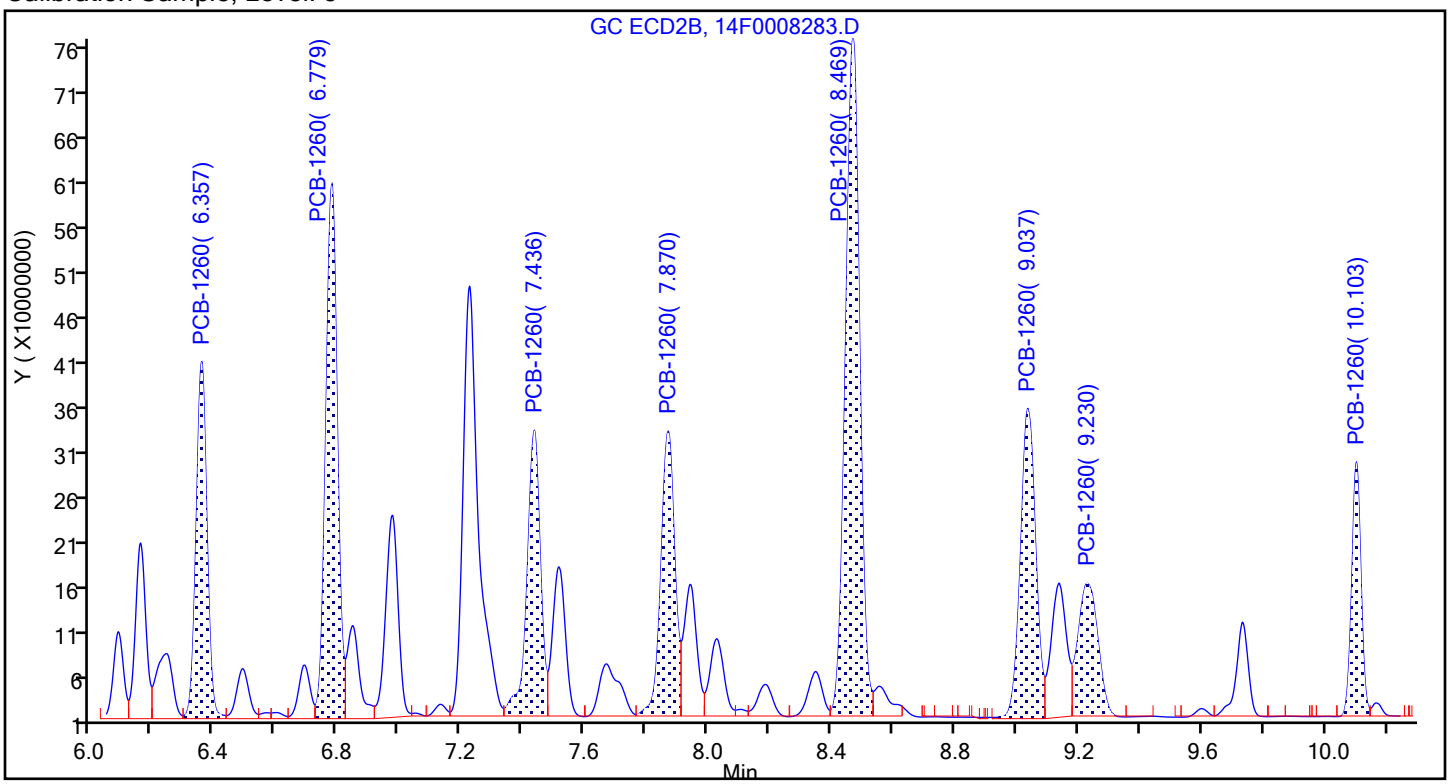
Report Date: 10-Feb-2025 09:22:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

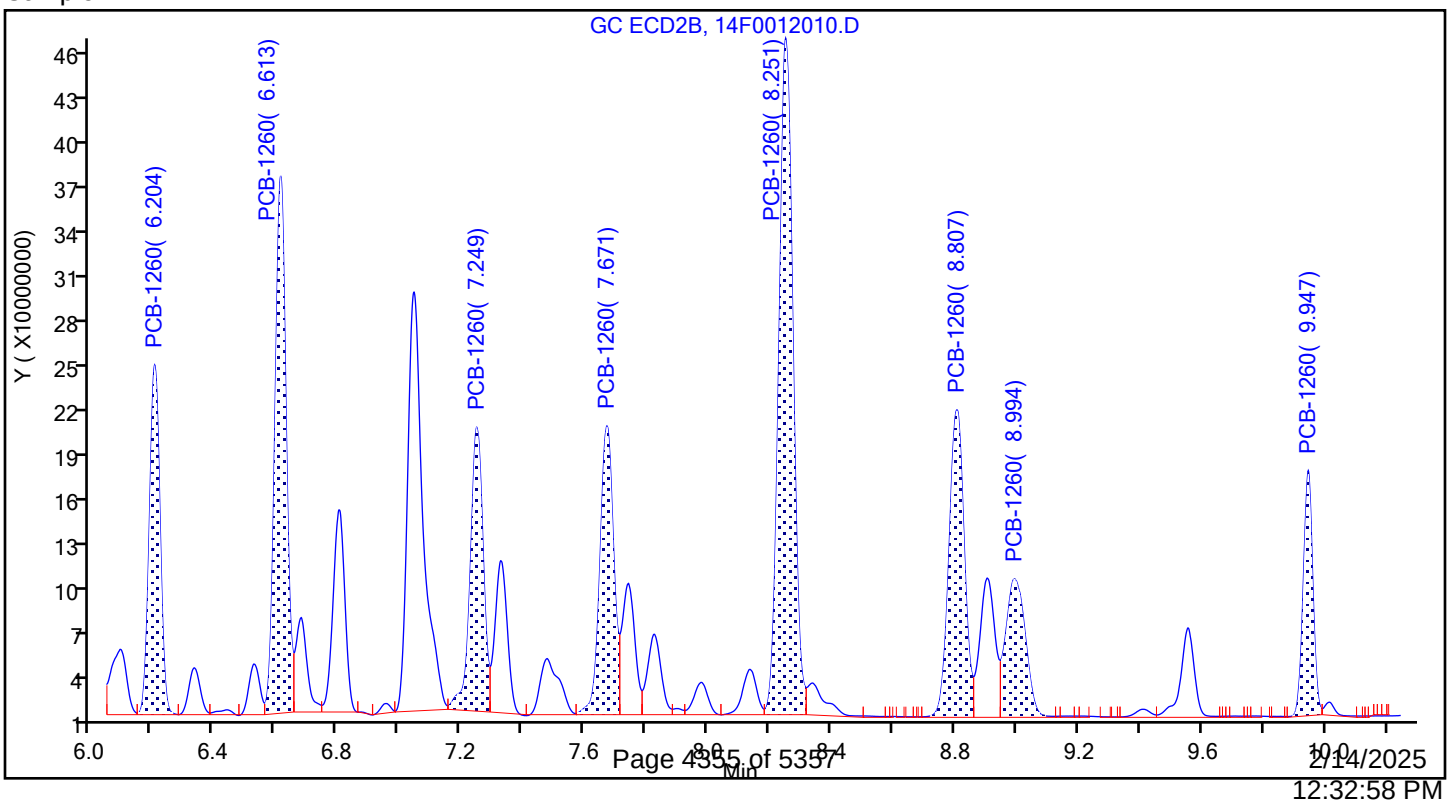
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250209-186695.b\14F0012010.D
Injection Date: 09-Feb-2025 08:56:04 Instrument ID: CPESTGC14
Lims ID: LCSD 460-1020297/3-A
Client ID:
Operator ID: ALS Bottle#: 66 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082GC14 Limit Group: GC 8082A PCB ISTD
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-A MS

Matrix: Solid | Lab File ID: 14F0011954.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 16:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.490* | | *0.097* | *0.026* |
| *11104-28-2* | *Aroclor 1221* | *0.097* | *U* | *0.097* | *0.026* |
| *11141-16-5* | *Aroclor 1232* | *0.097* | *U* | *0.097* | *0.026* |
| *53469-21-9* | *Aroclor 1242* | *0.097* | *U* | *0.097* | *0.026* |
| *12672-29-6* | *Aroclor 1248* | *0.097* | *U* | *0.097* | *0.026* |
| *11097-69-1* | *Aroclor 1254* | *0.097* | *U* | *0.097* | *0.026* |
| *11096-82-5* | *Aroclor 1260* | *0.577* | | *0.097* | *0.026* |
| *37324-23-5* | *Aroclor-1262* | *0.097* | *U* | *0.097* | *0.026* |
| *11100-14-4* | *Aroclor 1268* | *0.097* | *U* | *0.097* | *0.026* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *1.07* | | *0.097* | *0.026* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 96 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 78 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D
Lims ID: 160-57053-E-2-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 16:07:28 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-010
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 16:42:13

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.223 | 2.225 | -0.002 | 100374038 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 201422704 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.299 | 3.300 | -0.001 | 186790111 | 50.0 | 39.1 | |
| 2 | 2.656 | 2.658 | -0.002 | 432227231 | 50.0 | 39.1 | |
| | | | | | | RPD = 0.10 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.960 | 3.962 | -0.002 | 40249966 | 500.0 | 482.8 | |
| 1 | 4.498 | 4.498 | 0.000 | 90059474 | 500.0 | 497.9 | |
| 1 | 5.095 | 5.095 | 0.000 | 200654794 | 500.0 | 517.8 | |
| 1 | 5.267 | 5.268 | -0.001 | 76731753 | 500.0 | 510.0 | |
| 1 | 5.401 | 5.403 | -0.002 | 43953580 | 500.0 | 466.2 | |
| 1 | 5.908 | 5.910 | -0.002 | 56707455 | 500.0 | 461.4 | |
| 1 | 6.086 | 6.088 | -0.002 | 71092265 | 500.0 | 545.7 | |
| 1 | 6.545 | 6.548 | -0.003 | 54180703 | 500.0 | 582.9 | |
| | | Average of Peak Amounts = | | | | 508.1 | |
| 2 | 3.068 | 3.069 | -0.001 | 98207369 | 500.0 | 565.4 | |
| 2 | 3.476 | 3.480 | -0.004 | 193404652 | 500.0 | 595.3 | |
| 2 | 3.707 | 3.708 | -0.001 | 59058475 | 500.0 | 289.7 | |
| 2 | 4.012 | 4.017 | -0.005 | 422403988 | 500.0 | 553.9 | |
| 2 | 4.170 | 4.173 | -0.003 | 198704767 | 500.0 | 647.4 | |
| 2 | 4.244 | 4.245 | -0.001 | 109140607 | 500.0 | 585.3 | |
| 2 | 4.662 | 4.667 | -0.005 | 159439161 | 500.0 | 525.7 | |
| 2 | 5.123 | 5.126 | -0.003 | 77130790 | 500.0 | 533.5 | |
| | | Average of Peak Amounts = | | | | 537.0 | |
| | | | | | | RPD = 5.54 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.739 | 7.743 | -0.004 | 57896368 | 500.0 | 504.3 | |
| 1 | 8.049 | 8.053 | -0.004 | 119491039 | 500.0 | 487.6 | |
| 1 | 8.473 | 8.479 | -0.006 | 166691000 | 500.0 | 574.2 | |
| 1 | 9.447 | 9.450 | -0.003 | 120088173 | 500.0 | 626.0 | |
| 1 | 9.915 | 9.918 | -0.003 | 114499996 | 500.0 | 602.6 | |
| 1 | 10.248 | 10.249 | -0.001 | 270439503 | 500.0 | 637.4 | |
| 1 | 10.666 | 10.668 | -0.002 | 183561809 | 500.0 | 653.2 | |
| 1 | 11.243 | 11.244 | -0.001 | 75057259 | 500.0 | 696.5 | |
| | | Average of Peak Amounts = | | | | 597.7 | |
| 2 | 6.206 | 6.210 | -0.004 | 226572015 | 500.0 | 508.0 | |
| 2 | 6.617 | 6.618 | -0.001 | 429285018 | 500.0 | 591.6 | |
| 2 | 7.253 | 7.258 | -0.005 | 244566952 | 500.0 | 557.6 | |
| 2 | 7.678 | 7.678 | 0.000 | 268505887 | 500.0 | 634.3 | |
| 2 | 8.258 | 8.262 | -0.004 | 543849934 | 500.0 | 508.2 | |
| 2 | 8.811 | 8.818 | -0.007 | 337289317 | 500.0 | 624.3 | |
| 2 | 9.002 | 9.003 | -0.001 | 194232358 | 500.0 | 700.3 | |
| 2 | 9.953 | 9.958 | -0.005 | 184555974 | 500.0 | 742.9 | |
| | | Average of Peak Amounts = | | | | 608.4 | |
| | | | | | | RPD = 1.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.786 | 11.787 | -0.001 | 158638460 | 50.0 | 48.0 | |
| 2 | 10.533 | 10.535 | -0.002 | 469348894 | 50.0 | 60.4 | |
| | | | | | | RPD = 22.91 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1105.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

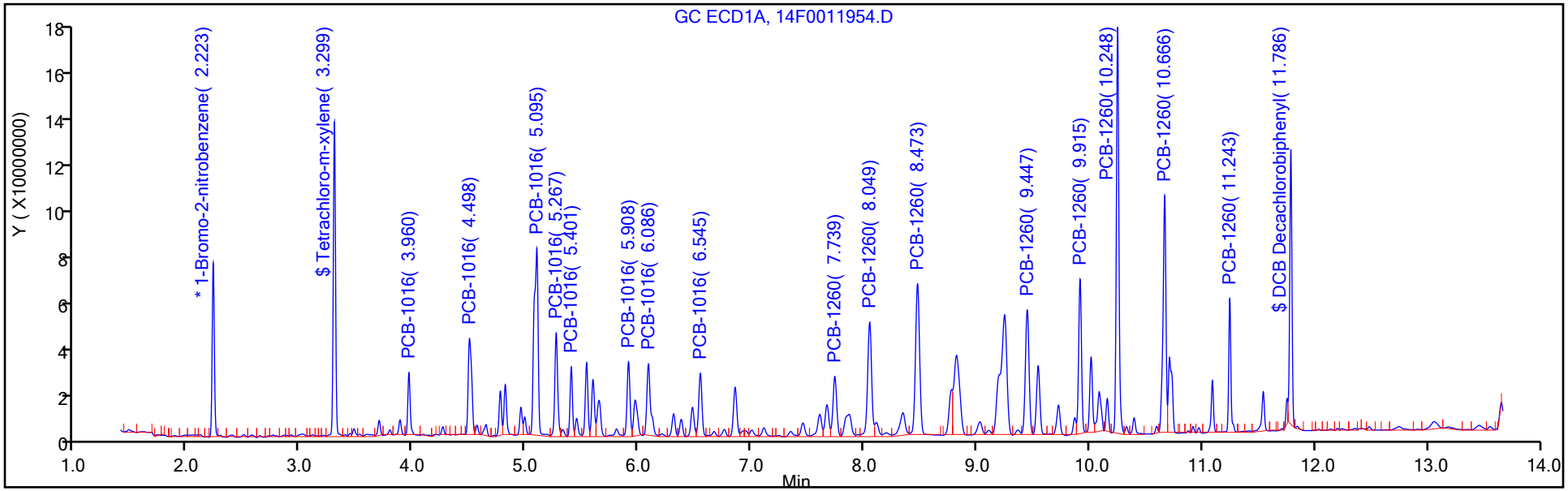
Report Date: 07-Feb-2025 17:41:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

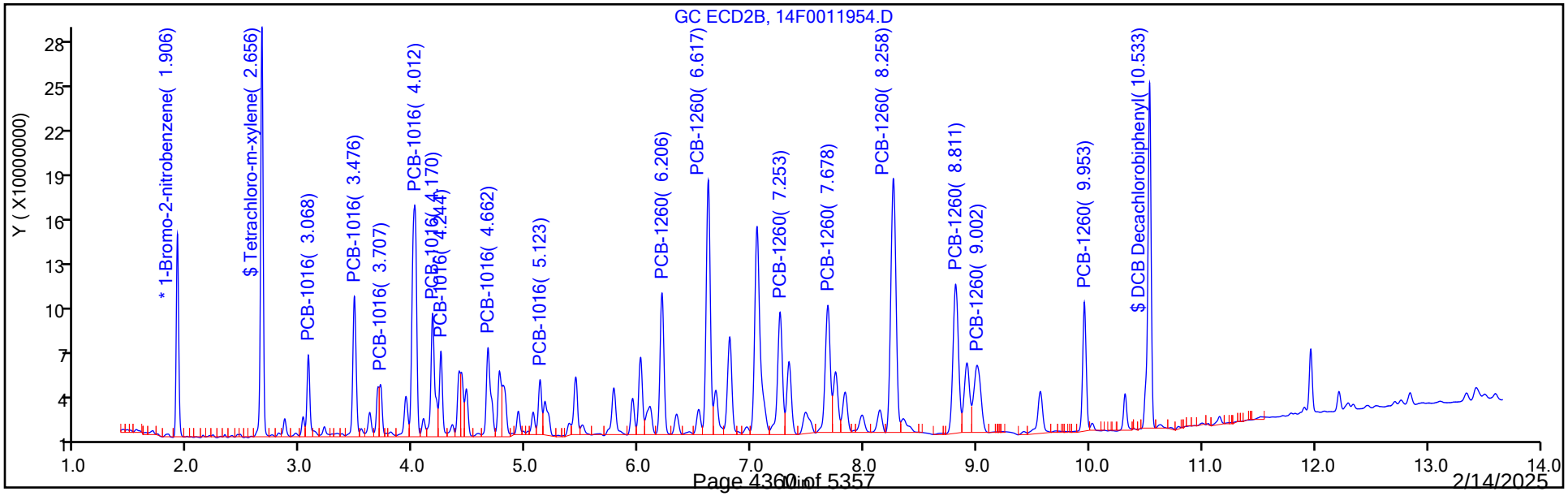
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 16:07:28 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 160-57053-E-2-A MS | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D | | | | |
| Lims ID: | 160-57053-E-2-A MS | | | | |
| Client ID: | | | | | |
| Sample Type: | MS | | | | |
| Inject. Date: | 07-Feb-2025 16:07:28 | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-010 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |
| First Level Reviewer: C0TZ | | Date: | 07-Feb-2025 16:42:13 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.1 | 78.20 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 48.0 | 95.92 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.1 | 78.13 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 60.4 | 120.73 |

Report Date: 07-Feb-2025 17:41:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

Injection Date: 07-Feb-2025 16:07:28 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-A MS

Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

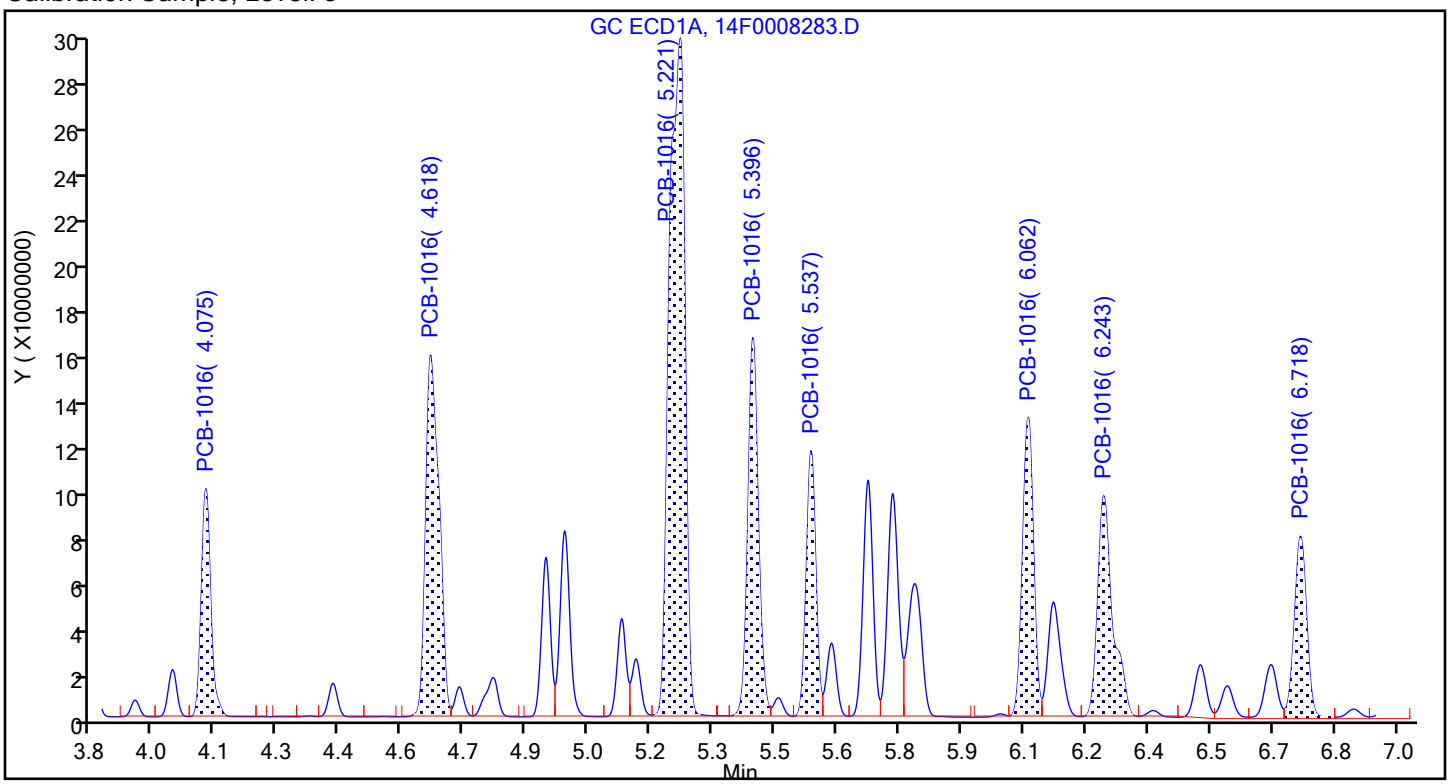
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

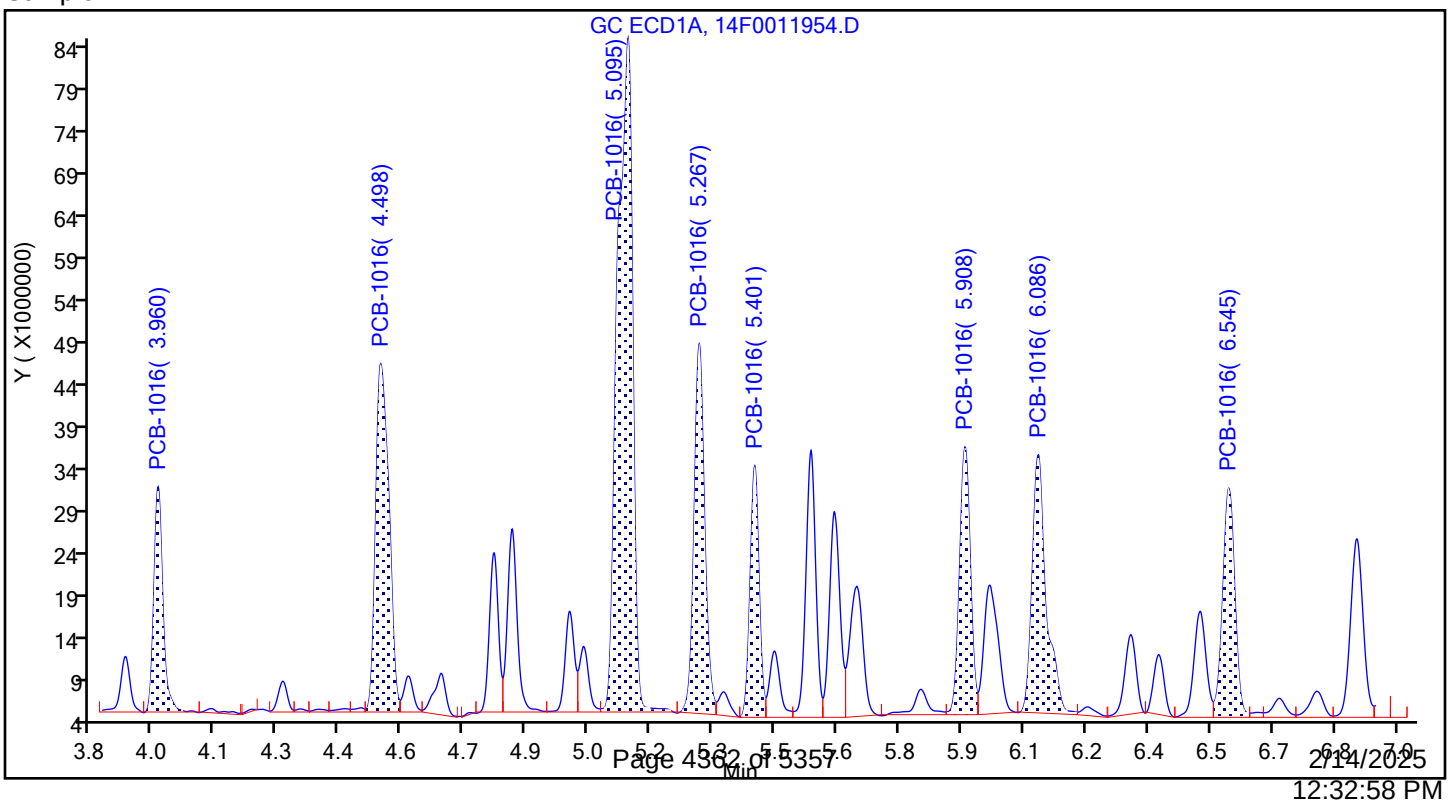
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

Injection Date: 07-Feb-2025 16:07:28 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-A MS

Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

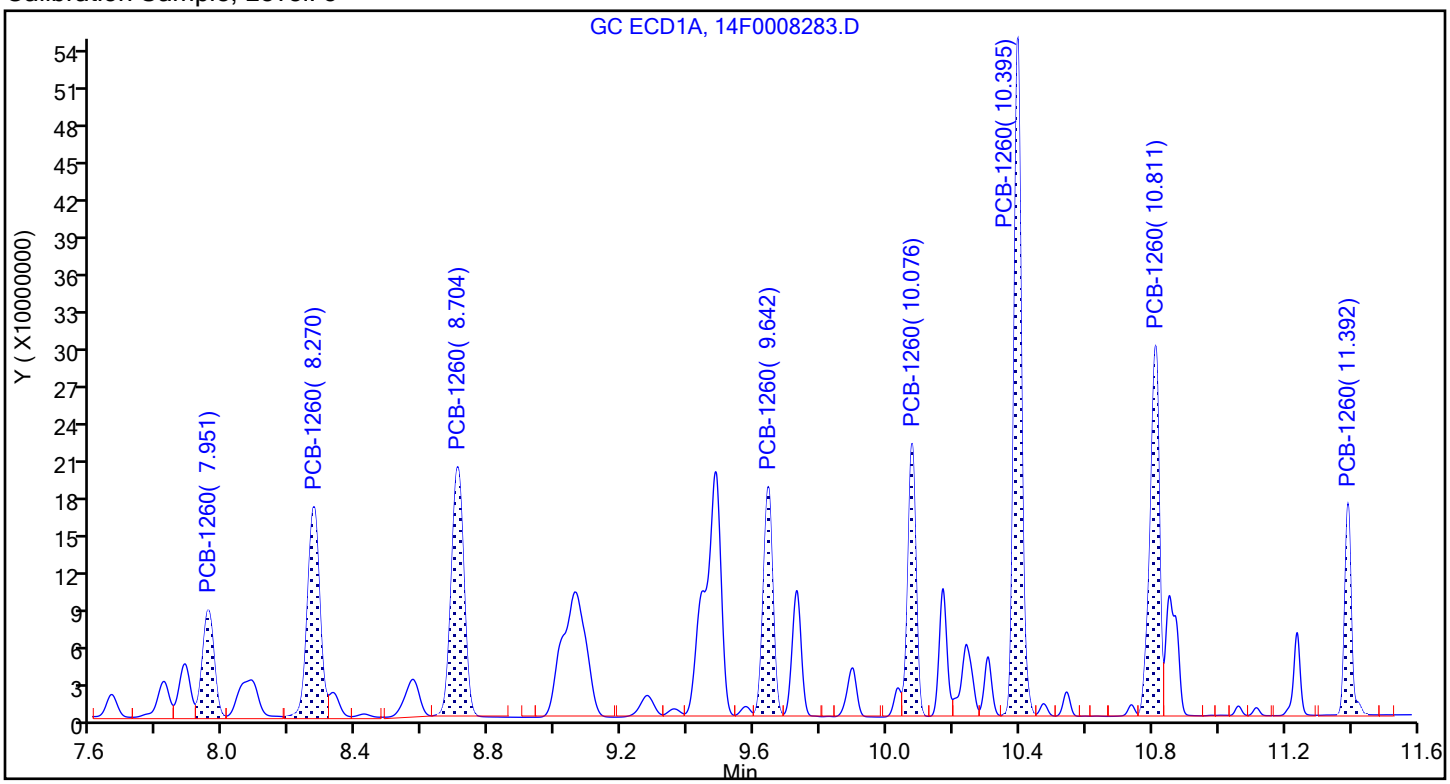
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

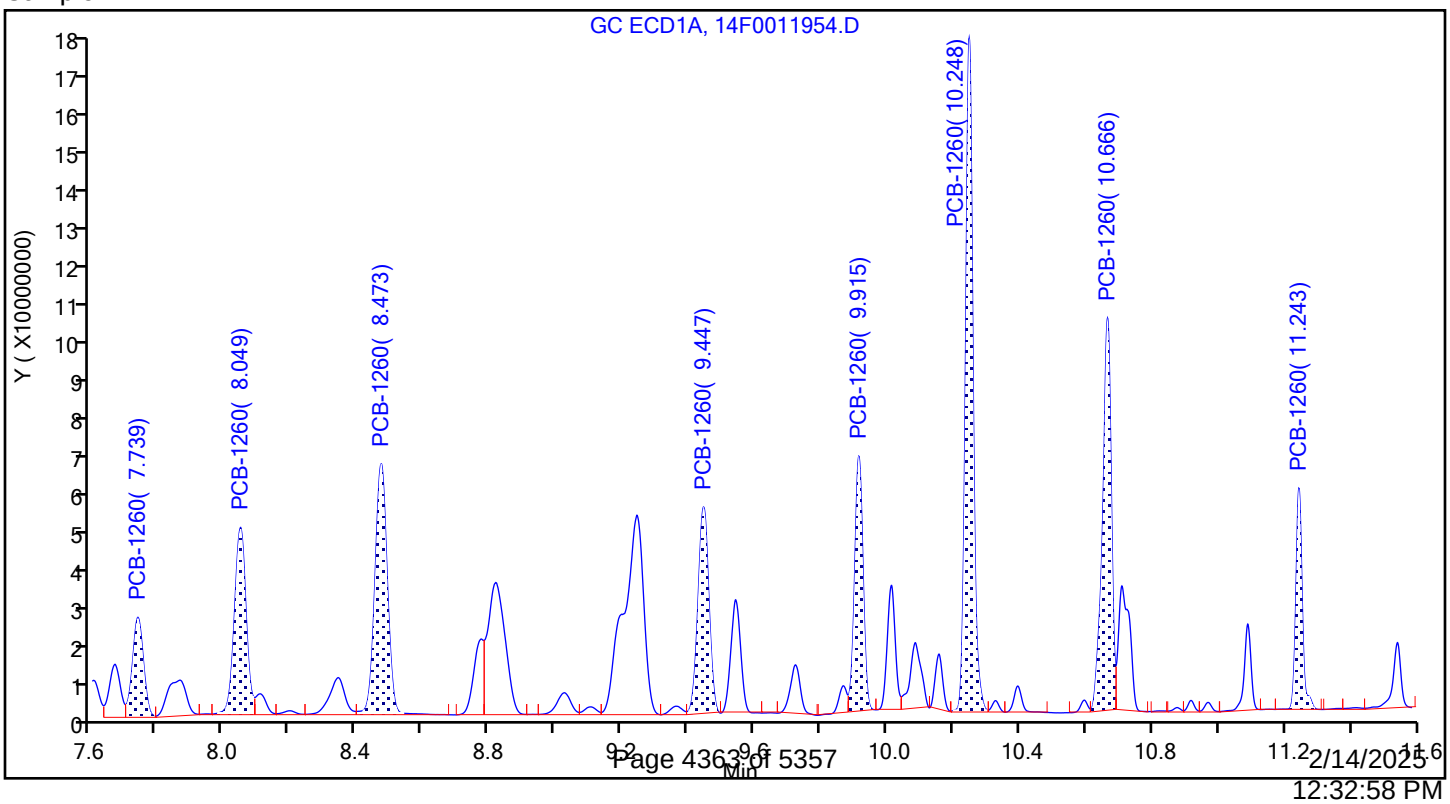
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-A MS

Matrix: Solid | Lab File ID: 14F0011954.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.04(g) | Date Analyzed: 02/07/2025 16:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.518 | | 0.097 | 0.026 |
| 11104-28-2 | Aroclor 1221 | 0.097 | U | 0.097 | 0.026 |
| 11141-16-5 | Aroclor 1232 | 0.097 | U | 0.097 | 0.026 |
| 53469-21-9 | Aroclor 1242 | 0.097 | U | 0.097 | 0.026 |
| 12672-29-6 | Aroclor 1248 | 0.097 | U | 0.097 | 0.026 |
| 11097-69-1 | Aroclor 1254 | 0.097 | U | 0.097 | 0.026 |
| 11096-82-5 | Aroclor 1260 | 0.587 | | 0.097 | 0.026 |
| 37324-23-5 | Aroclor-1262 | 0.097 | U | 0.097 | 0.026 |
| 11100-14-4 | Aroclor 1268 | 0.097 | U | 0.097 | 0.026 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 1.11 | | 0.097 | 0.026 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 121 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 78 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D
Lims ID: 160-57053-E-2-A MS
Client ID:
Sample Type: MS
Inject. Date: 07-Feb-2025 16:07:28 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-010
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 16:42:13

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.223 | 2.225 | -0.002 | 100374038 | 20.0 | 20.0 | |
| 2 | 1.906 | 1.908 | -0.002 | 201422704 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.299 | 3.300 | -0.001 | 186790111 | 50.0 | 39.1 | |
| 2 | 2.656 | 2.658 | -0.002 | 432227231 | 50.0 | 39.1 | |
| | | | | | | RPD = 0.10 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.960 | 3.962 | -0.002 | 40249966 | 500.0 | 482.8 | |
| 1 | 4.498 | 4.498 | 0.000 | 90059474 | 500.0 | 497.9 | |
| 1 | 5.095 | 5.095 | 0.000 | 200654794 | 500.0 | 517.8 | |
| 1 | 5.267 | 5.268 | -0.001 | 76731753 | 500.0 | 510.0 | |
| 1 | 5.401 | 5.403 | -0.002 | 43953580 | 500.0 | 466.2 | |
| 1 | 5.908 | 5.910 | -0.002 | 56707455 | 500.0 | 461.4 | |
| 1 | 6.086 | 6.088 | -0.002 | 71092265 | 500.0 | 545.7 | |
| 1 | 6.545 | 6.548 | -0.003 | 54180703 | 500.0 | 582.9 | |
| | | Average of Peak Amounts = | | | | 508.1 | |
| 2 | 3.068 | 3.069 | -0.001 | 98207369 | 500.0 | 565.4 | |
| 2 | 3.476 | 3.480 | -0.004 | 193404652 | 500.0 | 595.3 | |
| 2 | 3.707 | 3.708 | -0.001 | 59058475 | 500.0 | 289.7 | |
| 2 | 4.012 | 4.017 | -0.005 | 422403988 | 500.0 | 553.9 | |
| 2 | 4.170 | 4.173 | -0.003 | 198704767 | 500.0 | 647.4 | |
| 2 | 4.244 | 4.245 | -0.001 | 109140607 | 500.0 | 585.3 | |
| 2 | 4.662 | 4.667 | -0.005 | 159439161 | 500.0 | 525.7 | |
| 2 | 5.123 | 5.126 | -0.003 | 77130790 | 500.0 | 533.5 | |
| | | Average of Peak Amounts = | | | | 537.0 | |
| | | | | | | RPD = 5.54 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.739 | 7.743 | -0.004 | 57896368 | 500.0 | 504.3 | |
| 1 | 8.049 | 8.053 | -0.004 | 119491039 | 500.0 | 487.6 | |
| 1 | 8.473 | 8.479 | -0.006 | 166691000 | 500.0 | 574.2 | |
| 1 | 9.447 | 9.450 | -0.003 | 120088173 | 500.0 | 626.0 | |
| 1 | 9.915 | 9.918 | -0.003 | 114499996 | 500.0 | 602.6 | |
| 1 | 10.248 | 10.249 | -0.001 | 270439503 | 500.0 | 637.4 | |
| 1 | 10.666 | 10.668 | -0.002 | 183561809 | 500.0 | 653.2 | |
| 1 | 11.243 | 11.244 | -0.001 | 75057259 | 500.0 | 696.5 | |
| | | Average of Peak Amounts = | | | | 597.7 | |
| 2 | 6.206 | 6.210 | -0.004 | 226572015 | 500.0 | 508.0 | |
| 2 | 6.617 | 6.618 | -0.001 | 429285018 | 500.0 | 591.6 | |
| 2 | 7.253 | 7.258 | -0.005 | 244566952 | 500.0 | 557.6 | |
| 2 | 7.678 | 7.678 | 0.000 | 268505887 | 500.0 | 634.3 | |
| 2 | 8.258 | 8.262 | -0.004 | 543849934 | 500.0 | 508.2 | |
| 2 | 8.811 | 8.818 | -0.007 | 337289317 | 500.0 | 624.3 | |
| 2 | 9.002 | 9.003 | -0.001 | 194232358 | 500.0 | 700.3 | |
| 2 | 9.953 | 9.958 | -0.005 | 184555974 | 500.0 | 742.9 | |
| | | Average of Peak Amounts = | | | | 608.4 | |
| | | | | | | RPD = 1.77 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.786 | 11.787 | -0.001 | 158638460 | 50.0 | 48.0 | |
| 2 | 10.533 | 10.535 | -0.002 | 469348894 | 50.0 | 60.4 | |
| | | | | | | RPD = 22.91 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1105.8 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

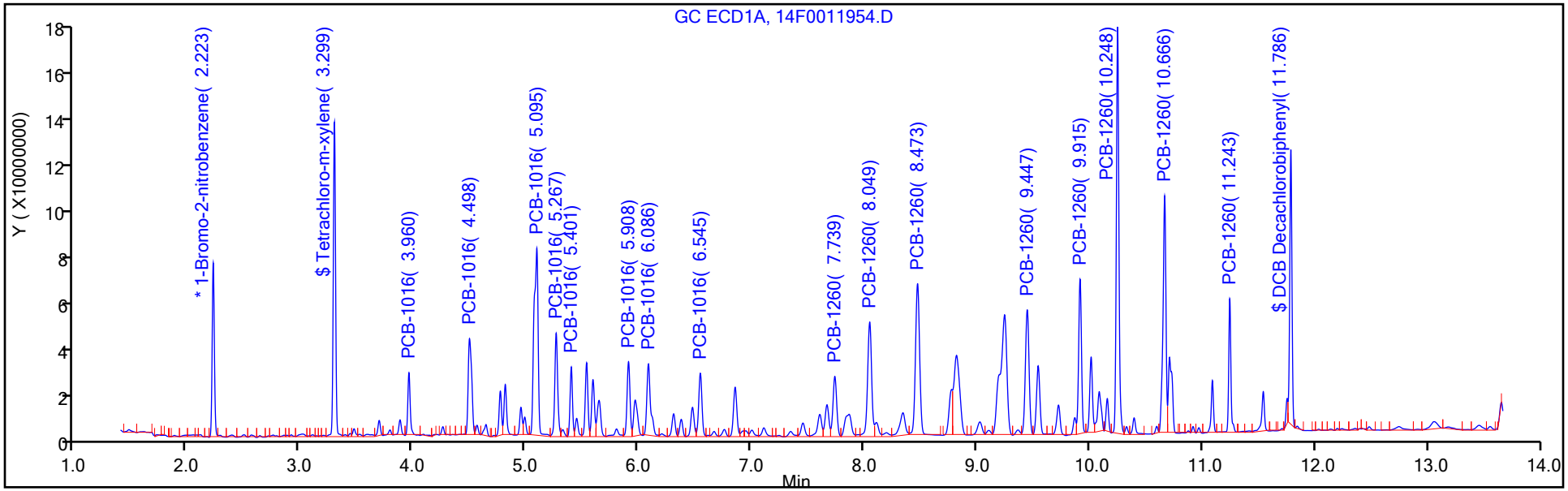
Report Date: 07-Feb-2025 17:41:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

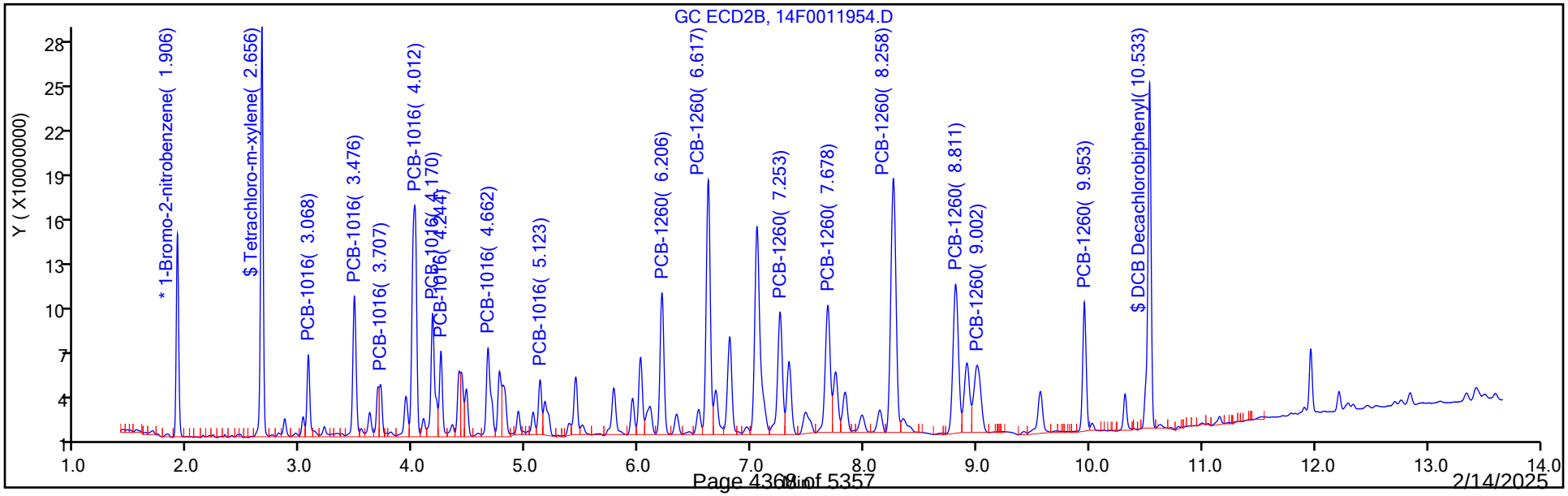
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 16:07:28 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 160-57053-E-2-A MS | | | Worklist Smp#: | 10 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D | | | | |
| Lims ID: | 160-57053-E-2-A MS | | | | |
| Client ID: | | | | | |
| Sample Type: | MS | | | | |
| Inject. Date: | 07-Feb-2025 16:07:28 | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Sample Info: | 460-0186659-010 | | | | |
| Operator ID: | | Instrument ID: | CPESTGC14 | | |
| Method: | \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m | | | | |
| Limit Group: | GC 8082A PCB ISTD | | | | |
| Last Update: | 07-Feb-2025 17:41:12 | Calib Date: | 23-Oct-2024 13:24:19 | | |
| Integrator: | Falcon | | | | |
| Quant Method: | Internal Standard | Quant By: | Initial Calibration | | |
| Last ICal File: | \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D | | | | |
| Column 1 : | Rtx-CLPesticides ( 0.53 mm) | | Det: GC ECD1A | | |
| Column 2 : | Rtx-CLP Pest 2 ( 0.53 mm) | | Det: GC ECD2B | | |
| Process Host: | CTX1638 | | | | |
| First Level Reviewer: C0TZ | | Date: | 07-Feb-2025 16:42:13 | | |

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.1 | 78.20 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 48.0 | 95.92 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 39.1 | 78.13 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 60.4 | 120.73 |

Report Date: 07-Feb-2025 17:41:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

Injection Date: 07-Feb-2025 16:07:28 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-A MS

Client ID:

Operator ID: ALS Bottle#: 10 Worklist Smp#: 10

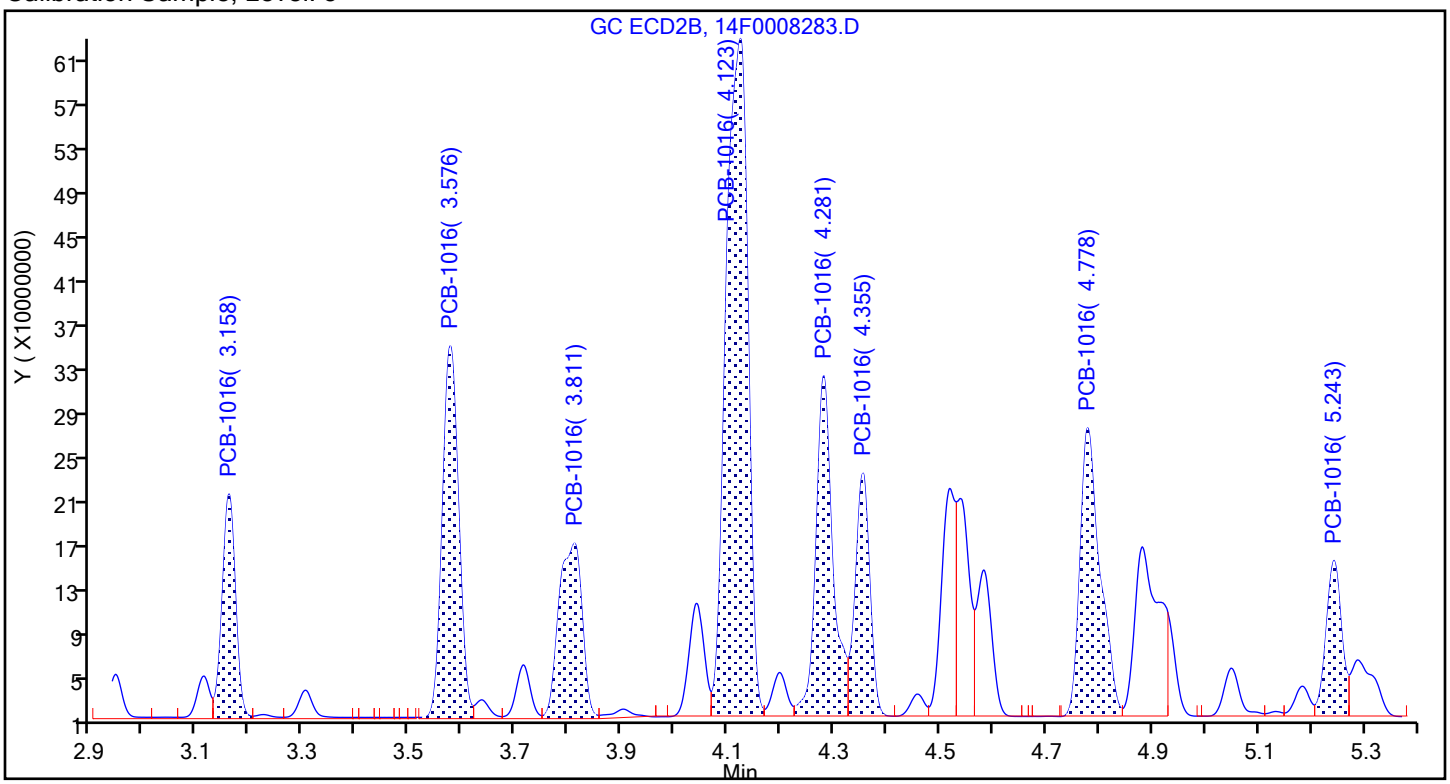
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

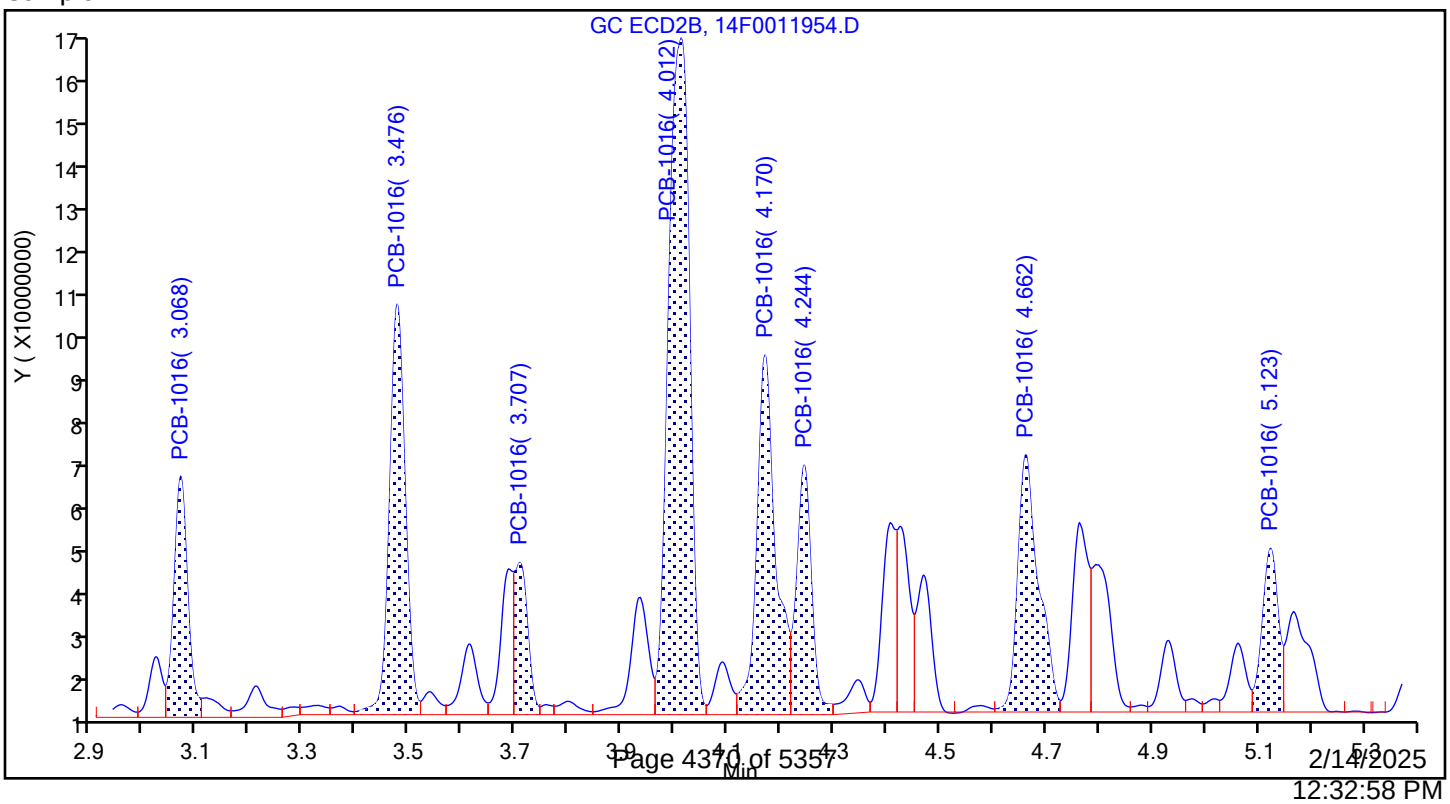
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:24 Chrom Revision: 2.3 15-Jan-2025 12:44:04

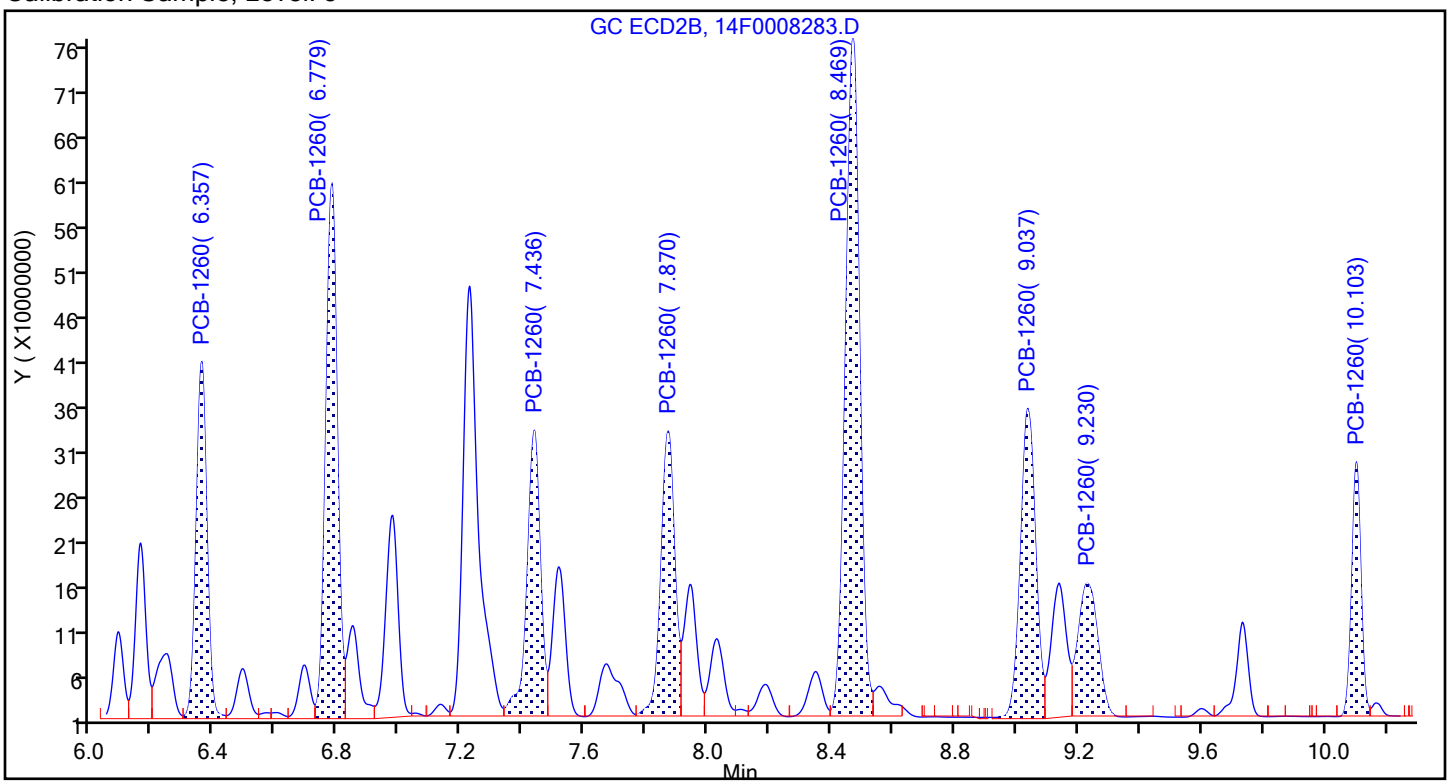
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011954.D

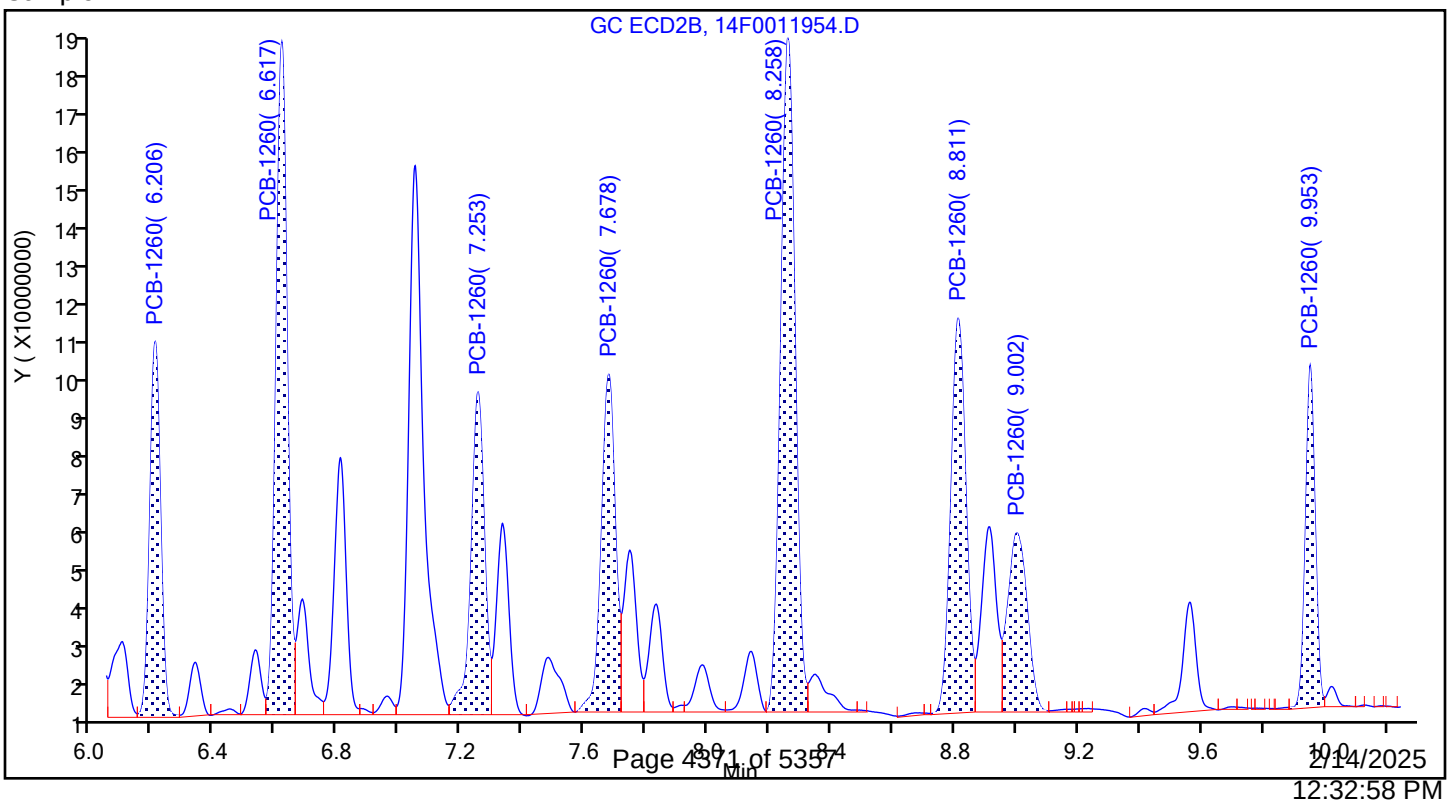
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 16:07:28 | Instrument ID: | CPESTGC14 | | |
| Lims ID: | 160-57053-E-2-A MS | | | | |
| Client ID: | | | | | |
| Operator ID: | | ALS Bottle#: | 10 | Worklist Smp#: | 10 |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | | |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |
| Column: | Rtx-CLP Pest 2 ( 0.53 mm) | Detector | GC ECD2B | | |

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-B MSD

Matrix: Solid | Lab File ID: 14F0011955.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 16:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| *12674-11-2* | *Aroclor 1016* | *0.502* | | *0.097* | *0.026* |
| *11104-28-2* | *Aroclor 1221* | *0.097* | *U* | *0.097* | *0.026* |
| *11141-16-5* | *Aroclor 1232* | *0.097* | *U* | *0.097* | *0.026* |
| *53469-21-9* | *Aroclor 1242* | *0.097* | *U* | *0.097* | *0.026* |
| *12672-29-6* | *Aroclor 1248* | *0.097* | *U* | *0.097* | *0.026* |
| *11097-69-1* | *Aroclor 1254* | *0.097* | *U* | *0.097* | *0.026* |
| *11096-82-5* | *Aroclor 1260* | *0.592* | | *0.097* | *0.026* |
| *37324-23-5* | *Aroclor-1262* | *0.097* | *U* | *0.097* | *0.026* |
| *11100-14-4* | *Aroclor 1268* | *0.097* | *U* | *0.097* | *0.026* |
| *1336-36-3* | *Polychlorinated biphenyls, Total* | *1.09* | | *0.097* | *0.026* |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 92 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 73 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D
Lims ID: 160-57053-E-2-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 16:24:04 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:40:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 95742467 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 190413180 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 165424621 | 50.0 | 36.3 | |
| 2 | 2.658 | 2.658 | 0.000 | 372923797 | 50.0 | 35.7 | |
| | | | | | | RPD = 1.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 37949876 | 500.0 | 477.3 | |
| 1 | 4.495 | 4.498 | -0.003 | 88074226 | 500.0 | 510.5 | |
| 1 | 5.093 | 5.095 | -0.002 | 195620532 | 500.0 | 529.2 | |
| 1 | 5.265 | 5.268 | -0.003 | 74876636 | 500.0 | 521.7 | |
| 1 | 5.399 | 5.403 | -0.004 | 43121403 | 500.0 | 479.5 | |
| 1 | 5.906 | 5.910 | -0.004 | 55358780 | 500.0 | 472.2 | |
| 1 | 6.083 | 6.088 | -0.005 | 69758855 | 500.0 | 561.4 | |
| 1 | 6.543 | 6.548 | -0.005 | 53326031 | 500.0 | 601.4 | |
| | | Average of Peak Amounts = | | | | 519.2 | |
| 2 | 3.070 | 3.069 | 0.001 | 90019621 | 500.0 | 548.3 | |
| 2 | 3.480 | 3.480 | 0.000 | 176993608 | 500.0 | 576.3 | |
| 2 | 3.710 | 3.708 | 0.002 | 57180012 | 500.0 | 296.7 | |
| 2 | 4.015 | 4.017 | -0.002 | 397292988 | 500.0 | 551.1 | |
| 2 | 4.172 | 4.173 | -0.001 | 184386896 | 500.0 | 635.5 | |
| 2 | 4.246 | 4.245 | 0.001 | 98241813 | 500.0 | 557.3 | |
| 2 | 4.664 | 4.667 | -0.003 | 147062718 | 500.0 | 512.9 | |
| 2 | 5.126 | 5.126 | 0.000 | 69195884 | 500.0 | 506.3 | |
| | | Average of Peak Amounts = | | | | 523.0 | |
| | | | | | | RPD = 0.75 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.735 | 7.743 | -0.008 | 57134661 | 500.0 | 521.7 | |
| 1 | 8.045 | 8.053 | -0.008 | 118547666 | 500.0 | 507.2 | |
| 1 | 8.471 | 8.479 | -0.008 | 164486812 | 500.0 | 594.0 | |
| 1 | 9.444 | 9.450 | -0.006 | 117437949 | 500.0 | 641.8 | |
| 1 | 9.913 | 9.918 | -0.005 | 112404587 | 500.0 | 620.2 | |
| 1 | 10.244 | 10.249 | -0.005 | 262675598 | 500.0 | 649.0 | |
| 1 | 10.661 | 10.668 | -0.007 | 179109430 | 500.0 | 668.2 | |
| 1 | 11.236 | 11.244 | -0.008 | 71715039 | 500.0 | 697.7 | |
| | | Average of Peak Amounts = | | | | 612.5 | |
| 2 | 6.206 | 6.210 | -0.004 | 222717252 | 500.0 | 528.2 | |
| 2 | 6.615 | 6.618 | -0.003 | 419910207 | 500.0 | 612.1 | |
| 2 | 7.255 | 7.258 | -0.003 | 227276462 | 500.0 | 548.2 | |
| 2 | 7.676 | 7.678 | -0.002 | 259040499 | 500.0 | 647.3 | |
| 2 | 8.259 | 8.262 | -0.003 | 534679014 | 500.0 | 528.5 | |
| 2 | 8.812 | 8.818 | -0.006 | 321291553 | 500.0 | 629.1 | |
| 2 | 9.004 | 9.003 | 0.001 | 177768179 | 500.0 | 678.0 | |
| 2 | 9.953 | 9.958 | -0.005 | 173663067 | 500.0 | 739.4 | |
| | | Average of Peak Amounts = | | | | 613.9 | |
| | | | | | | RPD = 0.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.777 | 11.787 | -0.010 | 145789482 | 50.0 | 46.2 | |
| 2 | 10.529 | 10.535 | -0.006 | 423776244 | 50.0 | 57.7 | |
| | | | | | | RPD = 22.05 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1131.6 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

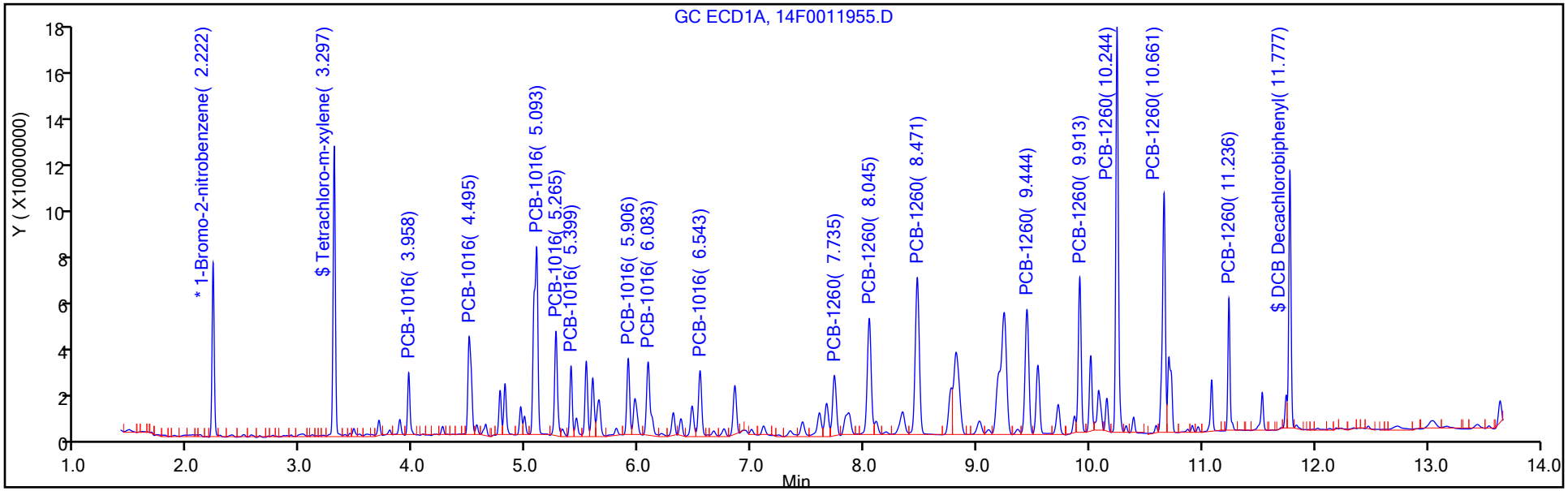
Report Date: 07-Feb-2025 17:41:26 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

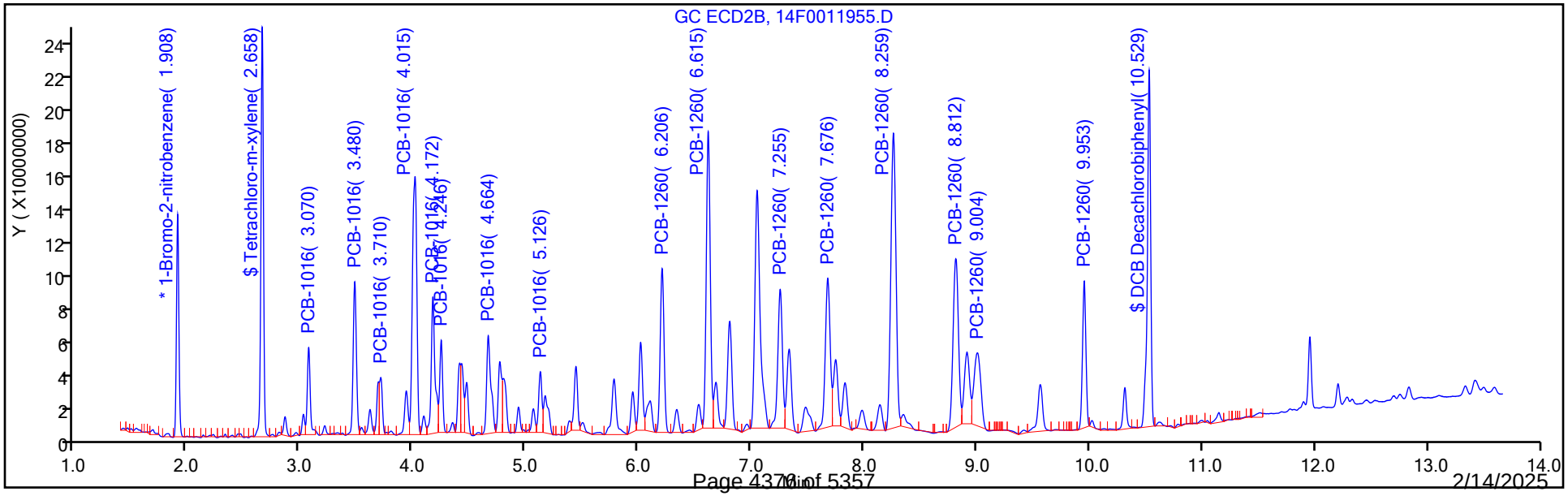
Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Feb-2025 16:24:04 | Instrument ID: | CPESTGC14 | Operator ID: | |
| Lims ID: | 160-57053-E-2-B MSD | | | Worklist Smp#: | 11 |
| Client ID: | | | | | |
| Injection Vol: | 1.0 ul | Dil. Factor: | 1.0000 | ALS Bottle#: | 11 |
| Method: | 8082GC14 | Limit Group: | GC 8082A PCB ISTD | | |

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
12:32:58 PM

Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D
Lims ID: 160-57053-E-2-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 16:24:04 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:40:16

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.61 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 46.2 | 92.41 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 35.7 | 71.30 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 57.7 | 115.31 |

Report Date: 07-Feb-2025 17:41:26 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

Injection Date: 07-Feb-2025 16:24:04 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-B MSD

Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

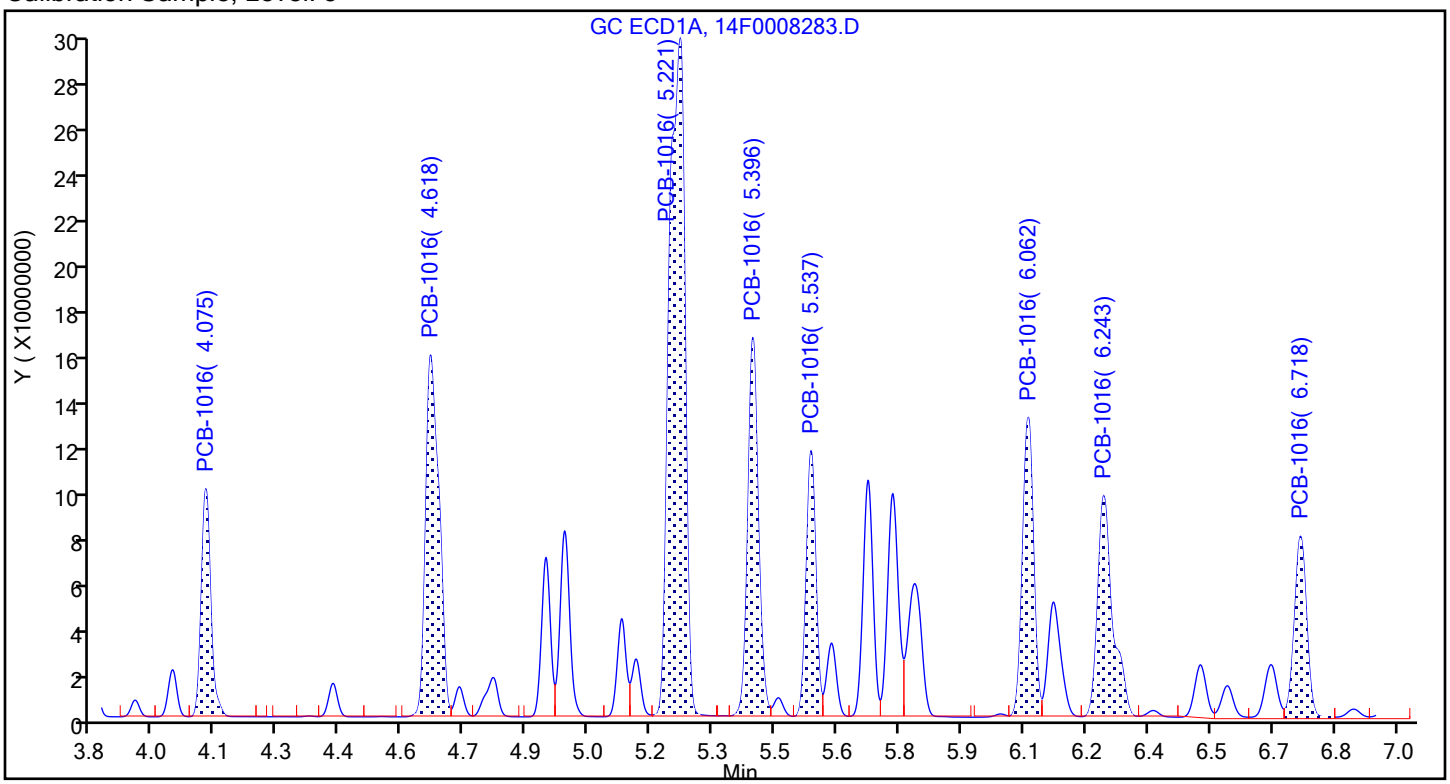
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

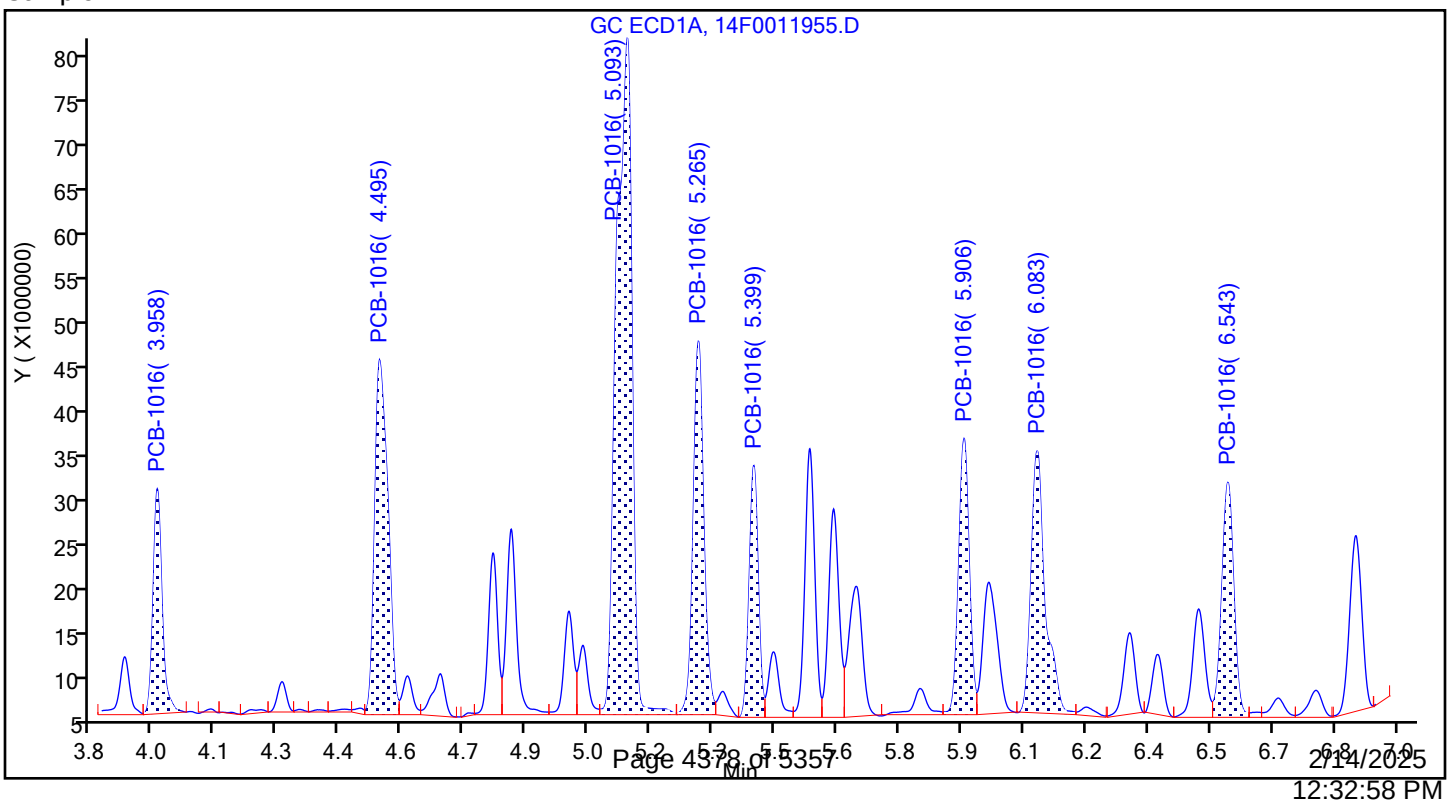
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:26 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

Injection Date: 07-Feb-2025 16:24:04 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-B MSD

Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

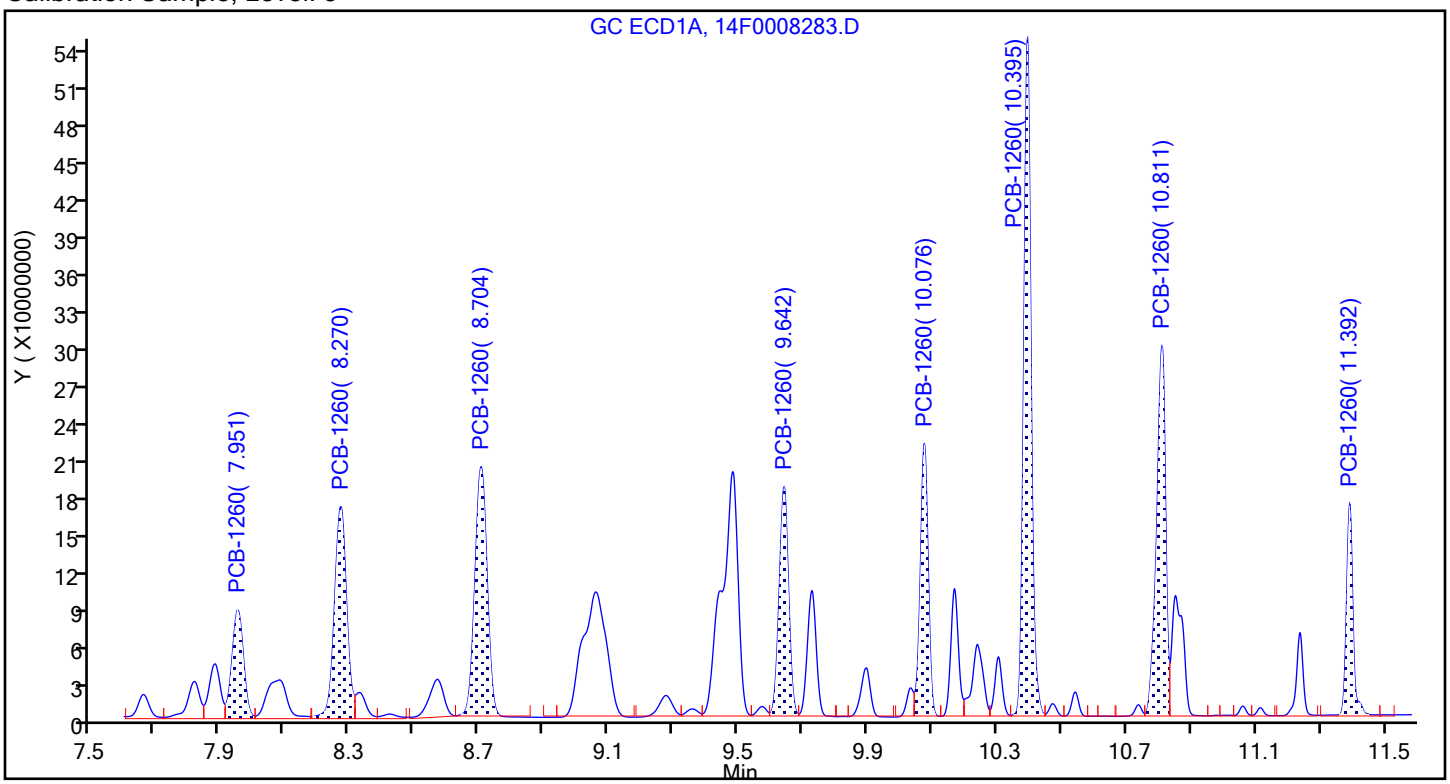
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

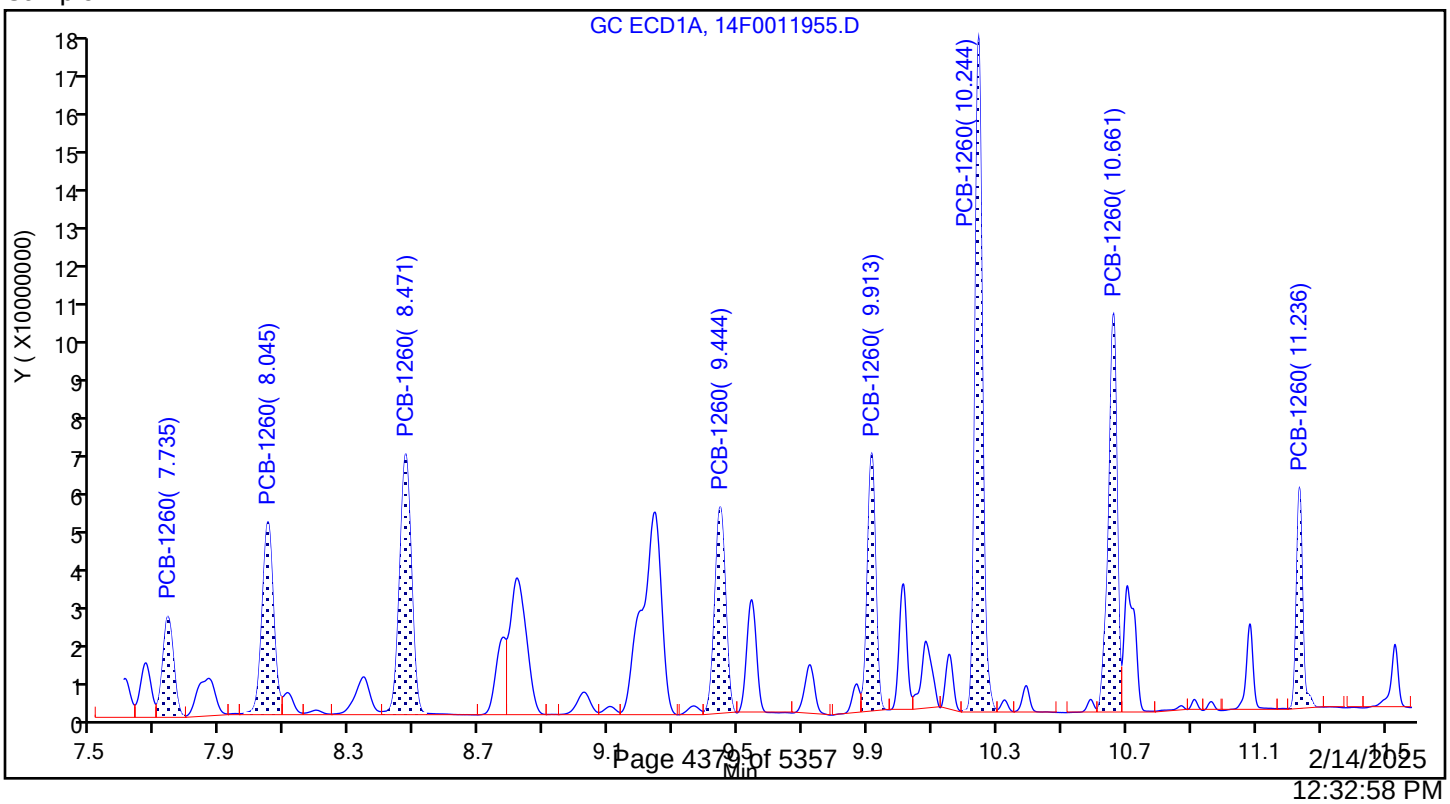
Column: Rtx-CLPesticides ( 0.53 mm) Detector GC ECD1A

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

Client Sample ID: | Lab Sample ID: 160-57053-E-2-B MSD

Matrix: Solid | Lab File ID: 14F0011955.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 02/06/2025 15:37

Sample wt/vol: 15.01(g) | Date Analyzed: 02/07/2025 16:24

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 31.1 % Solids: 68.9 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 1020184 | Units: mg/Kg

Preparation Batch No.: 1019976 | Instrument ID: CPESTGC14

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|
| 12674-11-2 | Aroclor 1016 | 0.506 | | 0.097 | 0.026 |
| 11104-28-2 | Aroclor 1221 | 0.097 | U | 0.097 | 0.026 |
| 11141-16-5 | Aroclor 1232 | 0.097 | U | 0.097 | 0.026 |
| 53469-21-9 | Aroclor 1242 | 0.097 | U | 0.097 | 0.026 |
| 12672-29-6 | Aroclor 1248 | 0.097 | U | 0.097 | 0.026 |
| 11097-69-1 | Aroclor 1254 | 0.097 | U | 0.097 | 0.026 |
| 11096-82-5 | Aroclor 1260 | 0.594 | | 0.097 | 0.026 |
| 37324-23-5 | Aroclor-1262 | 0.097 | U | 0.097 | 0.026 |
| 11100-14-4 | Aroclor 1268 | 0.097 | U | 0.097 | 0.026 |
| 1336-36-3 | Polychlorinated biphenyls, Total | 1.10 | | 0.097 | 0.026 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|---|---|---|---|---|
| 2051-24-3 | DCB Decachlorobiphenyl | 115 | | 20-150 |
| 877-09-8 | Tetrachloro-m-xylene | 71 | | 20-150 |

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D
Lims ID: 160-57053-E-2-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 16:24:04 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:40:16

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | |
| 1 | 2.222 | 2.225 | -0.003 | 95742467 | 20.0 | 20.0 | |
| 2 | 1.908 | 1.908 | 0.000 | 190413180 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |
| $ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 3.297 | 3.300 | -0.003 | 165424621 | 50.0 | 36.3 | |
| 2 | 2.658 | 2.658 | 0.000 | 372923797 | 50.0 | 35.7 | |
| | | | | | | RPD = 1.82 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| 5 PCB-1016 | | | | | | | |
| 1 | 3.958 | 3.962 | -0.004 | 37949876 | 500.0 | 477.3 | |
| 1 | 4.495 | 4.498 | -0.003 | 88074226 | 500.0 | 510.5 | |
| 1 | 5.093 | 5.095 | -0.002 | 195620532 | 500.0 | 529.2 | |
| 1 | 5.265 | 5.268 | -0.003 | 74876636 | 500.0 | 521.7 | |
| 1 | 5.399 | 5.403 | -0.004 | 43121403 | 500.0 | 479.5 | |
| 1 | 5.906 | 5.910 | -0.004 | 55358780 | 500.0 | 472.2 | |
| 1 | 6.083 | 6.088 | -0.005 | 69758855 | 500.0 | 561.4 | |
| 1 | 6.543 | 6.548 | -0.005 | 53326031 | 500.0 | 601.4 | |
| | | Average of Peak Amounts = | | | | 519.2 | |
| 2 | 3.070 | 3.069 | 0.001 | 90019621 | 500.0 | 548.3 | |
| 2 | 3.480 | 3.480 | 0.000 | 176993608 | 500.0 | 576.3 | |
| 2 | 3.710 | 3.708 | 0.002 | 57180012 | 500.0 | 296.7 | |
| 2 | 4.015 | 4.017 | -0.002 | 397292988 | 500.0 | 551.1 | |
| 2 | 4.172 | 4.173 | -0.001 | 184386896 | 500.0 | 635.5 | |
| 2 | 4.246 | 4.245 | 0.001 | 98241813 | 500.0 | 557.3 | |
| 2 | 4.664 | 4.667 | -0.003 | 147062718 | 500.0 | 512.9 | |
| 2 | 5.126 | 5.126 | 0.000 | 69195884 | 500.0 | 506.3 | |
| | | Average of Peak Amounts = | | | | 523.0 | |
| | | | | | | RPD = 0.75 | |
| 8 PCB-1260 | | | | | | | |
| 1 | 7.735 | 7.743 | -0.008 | 57134661 | 500.0 | 521.7 | |
| 1 | 8.045 | 8.053 | -0.008 | 118547666 | 500.0 | 507.2 | |
| 1 | 8.471 | 8.479 | -0.008 | 164486812 | 500.0 | 594.0 | |
| 1 | 9.444 | 9.450 | -0.006 | 117437949 | 500.0 | 641.8 | |
| 1 | 9.913 | 9.918 | -0.005 | 112404587 | 500.0 | 620.2 | |
| 1 | 10.244 | 10.249 | -0.005 | 262675598 | 500.0 | 649.0 | |
| 1 | 10.661 | 10.668 | -0.007 | 179109430 | 500.0 | 668.2 | |
| 1 | 11.236 | 11.244 | -0.008 | 71715039 | 500.0 | 697.7 | |
| | | Average of Peak Amounts = | | | | 612.5 | |
| 2 | 6.206 | 6.210 | -0.004 | 222717252 | 500.0 | 528.2 | |
| 2 | 6.615 | 6.618 | -0.003 | 419910207 | 500.0 | 612.1 | |
| 2 | 7.255 | 7.258 | -0.003 | 227276462 | 500.0 | 548.2 | |
| 2 | 7.676 | 7.678 | -0.002 | 259040499 | 500.0 | 647.3 | |
| 2 | 8.259 | 8.262 | -0.003 | 534679014 | 500.0 | 528.5 | |
| 2 | 8.812 | 8.818 | -0.006 | 321291553 | 500.0 | 629.1 | |
| 2 | 9.004 | 9.003 | 0.001 | 177768179 | 500.0 | 678.0 | |
| 2 | 9.953 | 9.958 | -0.005 | 173663067 | 500.0 | 739.4 | |
| | | Average of Peak Amounts = | | | | 613.9 | |
| | | | | | | RPD = 0.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|---|---|---|---|---|---|---|---|
| $ 11 DCB Decachlorobiphenyl | | | | | | | |
| 1 | 11.777 | 11.787 | -0.010 | 145789482 | 50.0 | 46.2 | |
| 2 | 10.529 | 10.535 | -0.006 | 423776244 | 50.0 | 57.7 | |
| | | | | | | RPD = 22.05 | |
| S 12 Polychlorinated biphenyls, Total | | | | | | | |
| 1 | | | | | | 1131.6 | |

## QC Flag Legend

Processing Flags

## Reagents:

SGPCBISTD_00031 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 07-Feb-2025 17:41:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

Injection Date: 07-Feb-2025 16:24:04 Instrument ID: CPESTGC14 Operator ID:

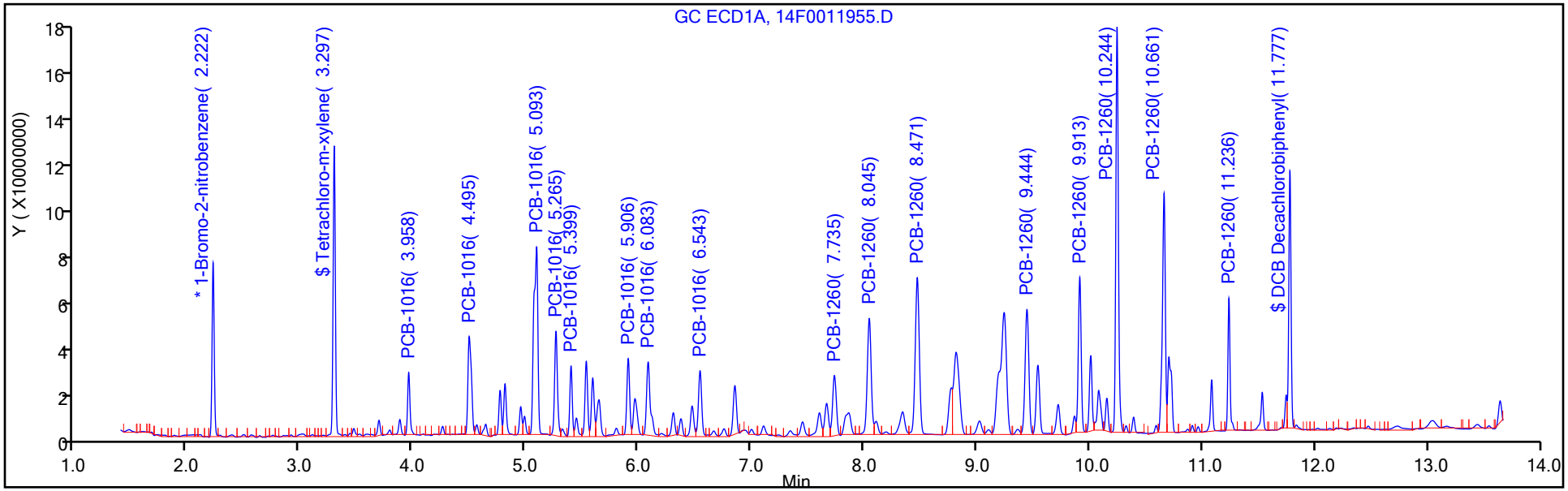
Lims ID: 160-57053-E-2-B MSD Worklist Smp#: 11

Client ID:

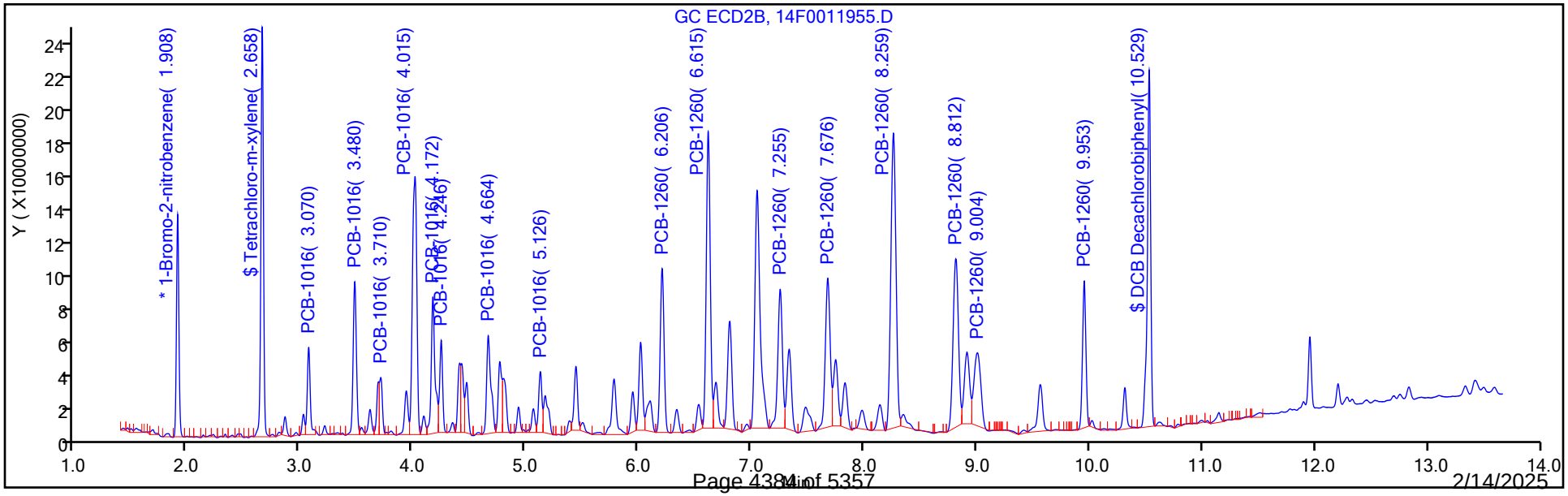
Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 11

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

Column: Rtx-CLPesticides ( 0.53 mm)




Column: Rtx-CLP Pest 2 ( 0.53 mm)






2/14/2025
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Eurofins Edison
Recovery Report

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D
Lims ID: 160-57053-E-2-B MSD
Client ID:
Sample Type: MSD
Inject. Date: 07-Feb-2025 16:24:04 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0186659-011
Operator ID: Instrument ID: CPESTGC14

Method: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\8082GC14.m
Limit Group: GC 8082A PCB ISTD
Last Update: 07-Feb-2025 17:41:12 Calib Date: 23-Oct-2024 13:24:19
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC14\20241023-182534.b\14F0008291.D

Column 1 : Rtx-CLPesticides ( 0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 ( 0.53 mm) Det: GC ECD2B
Process Host: CTX1638

First Level Reviewer: C0TZ Date: 07-Feb-2025 17:40:16

Surrogate Recovery, Detector: GC ECD1A

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 36.3 | 72.61 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 46.2 | 92.41 |

Surrogate Recovery, Detector: GC ECD2B

| Compound | Amount Added | Amount Recovered | % Rec. |
|---|---|---|---|
| $ 2 Tetrachloro-m-xylene | 50.0 | 35.7 | 71.30 |
| $ 11 DCB Decachlorobiphenyl | 50.0 | 57.7 | 115.31 |

Report Date: 07-Feb-2025 17:41:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

Injection Date: 07-Feb-2025 16:24:04 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-B MSD

Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

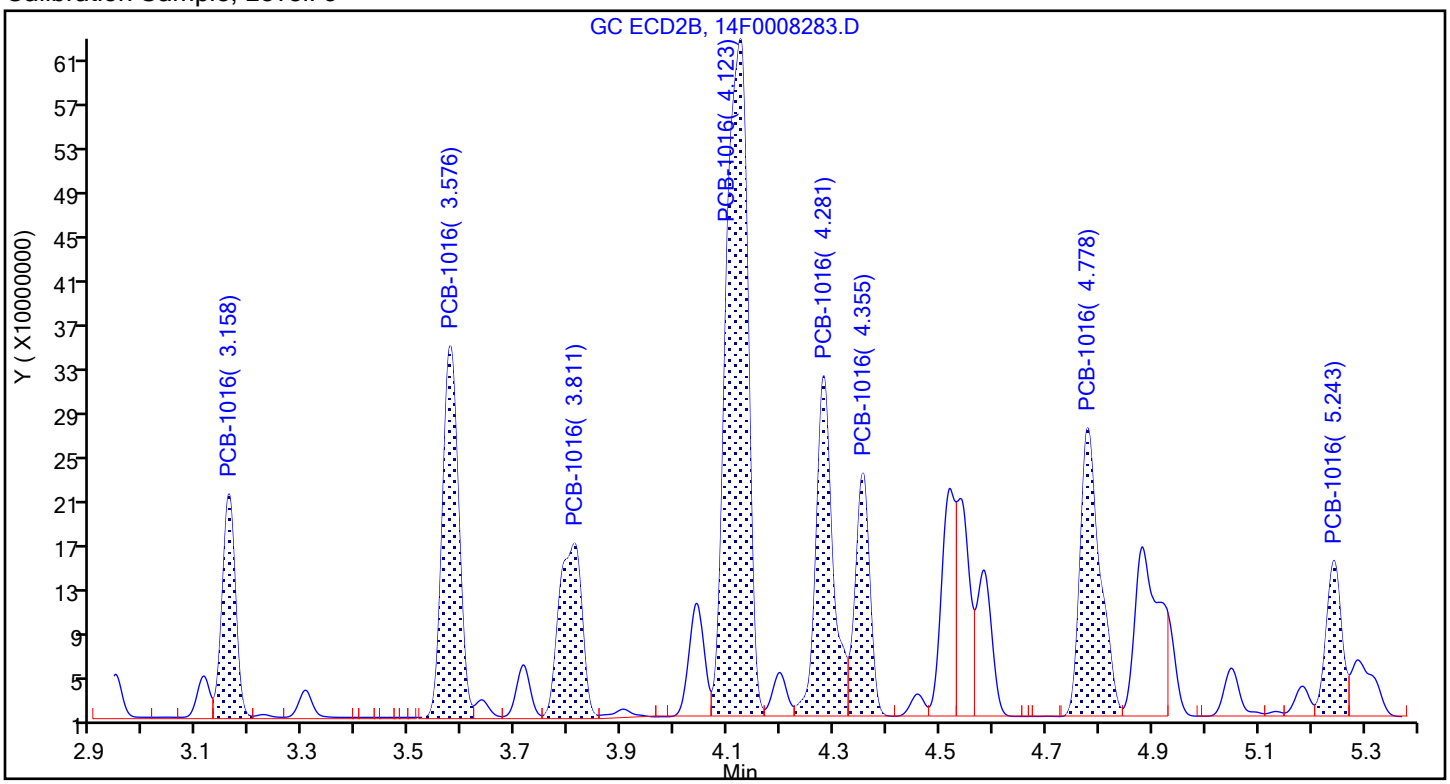
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

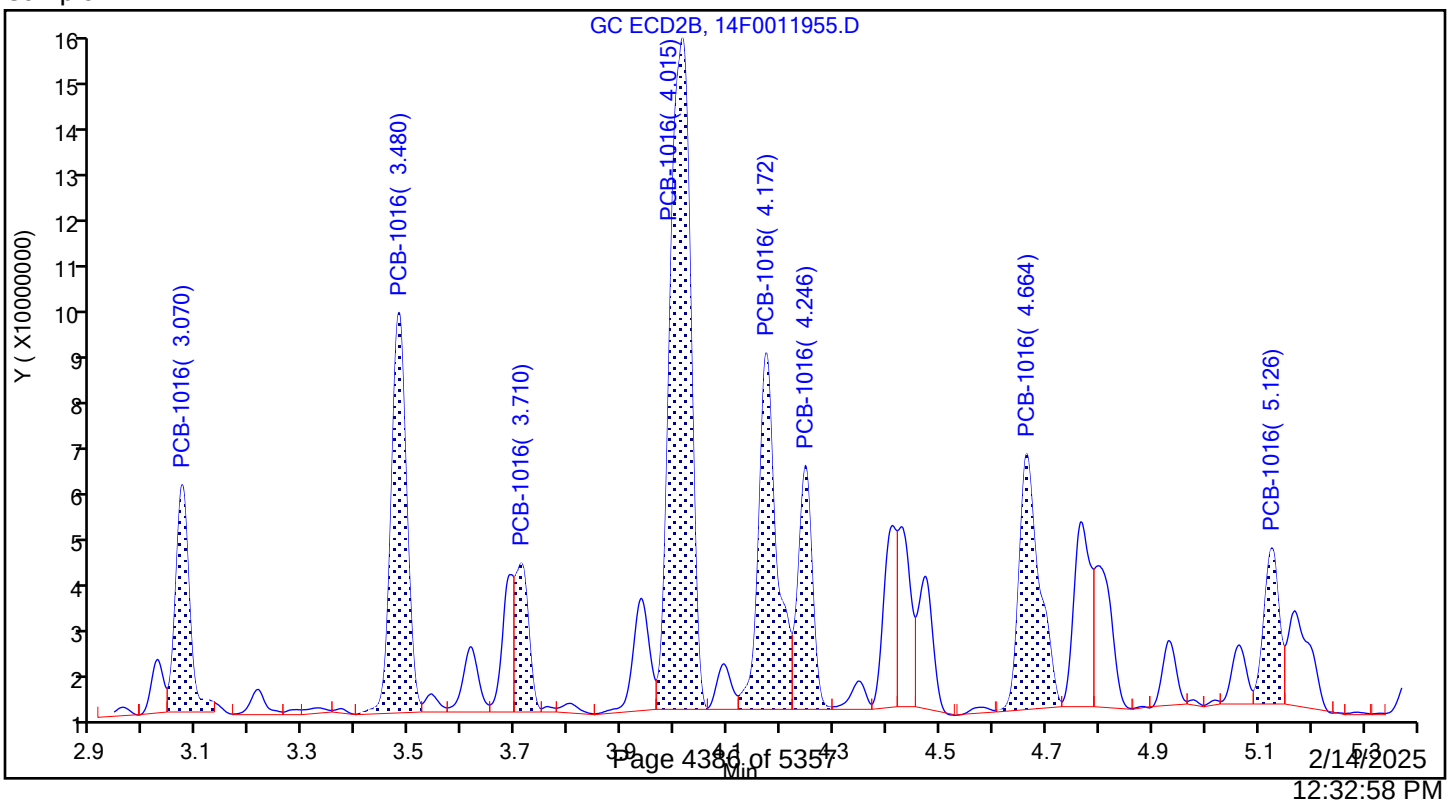
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 5 PCB-1016, CAS: 12674-11-2

Calibration Sample, Level: 5




Sample



Report Date: 07-Feb-2025 17:41:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC14\20250207-186659.b\14F0011955.D

Injection Date: 07-Feb-2025 16:24:04 Instrument ID: CPESTGC14

Lims ID: 160-57053-E-2-B MSD

Client ID:

Operator ID: ALS Bottle#: 11 Worklist Smp#: 11

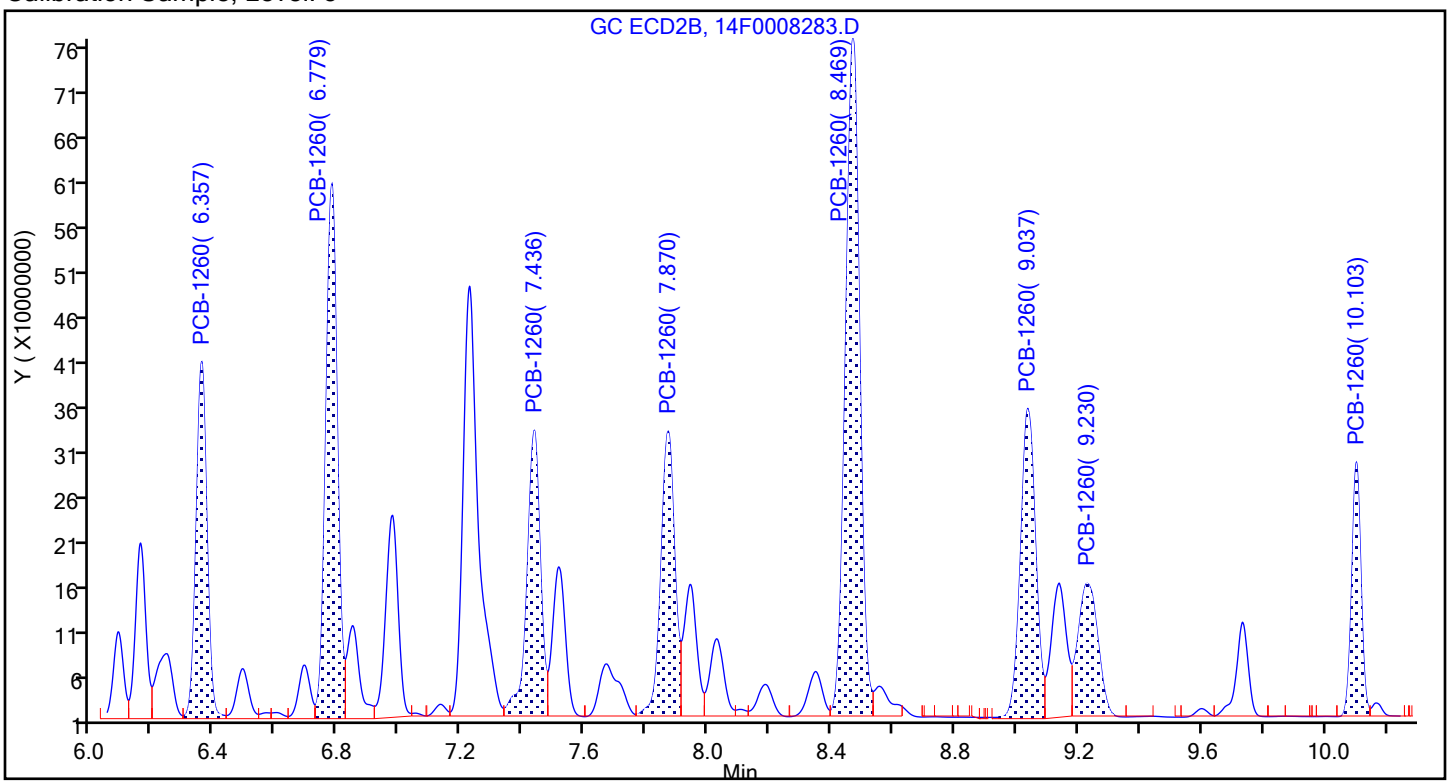
Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8082GC14 Limit Group: GC 8082A PCB ISTD

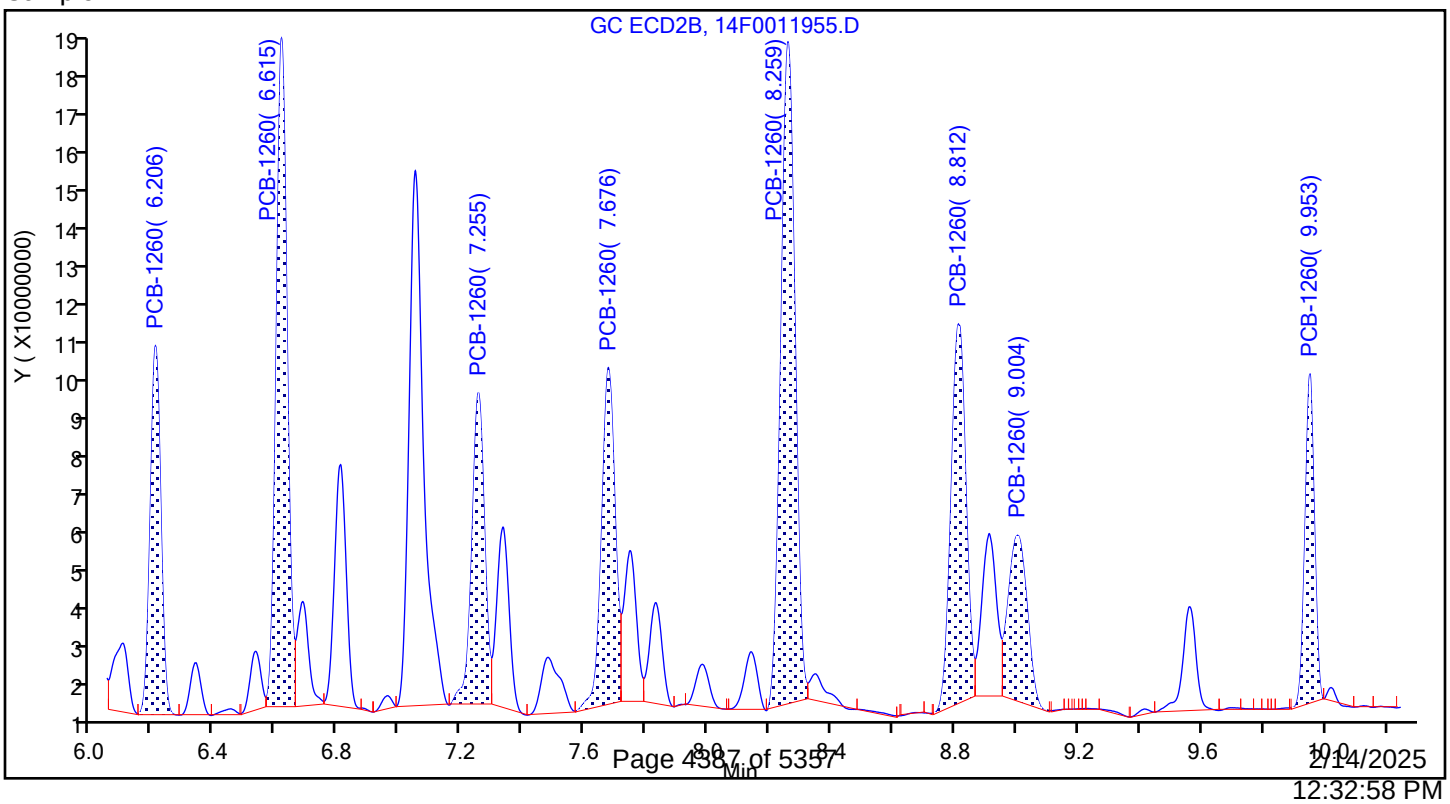
Column: Rtx-CLP Pest 2 ( 0.53 mm) Detector GC ECD2B

## 8 PCB-1260, CAS: 11096-82-5

Calibration Sample, Level: 5




Sample



PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 10/23/2024 10:03

Analysis Batch Number: 1002996 End Date: 10/23/2024 13:24

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| IC 460-1002996/2 | | 10/23/2024 10:03 | 1 | 14F0008279.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/2 | | 10/23/2024 10:03 | 1 | 14F0008279.D | CLP-2 0.53(mm) |
| IC 460-1002996/3 | | 10/23/2024 10:19 | 1 | 14F0008280.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/3 | | 10/23/2024 10:19 | 1 | 14F0008280.D | CLP-2 0.53(mm) |
| IC 460-1002996/4 ICIS | | 10/23/2024 10:36 | 1 | 14F0008281.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/4 ICIS | | 10/23/2024 10:36 | 1 | 14F0008281.D | CLP-2 0.53(mm) |
| IC 460-1002996/5 | | 10/23/2024 10:52 | 1 | 14F0008282.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/5 | | 10/23/2024 10:52 | 1 | 14F0008282.D | CLP-2 0.53(mm) |
| IC 460-1002996/6 | | 10/23/2024 11:10 | 1 | 14F0008283.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/6 | | 10/23/2024 11:10 | 1 | 14F0008283.D | CLP-2 0.53(mm) |
| ICV 460-1002996/7 | | 10/23/2024 11:26 | 1 | 14F0008284.D | Rtx-CLP 0.53(mm) |
| ICV 460-1002996/7 | | 10/23/2024 11:26 | 1 | 14F0008284.D | CLP-2 0.53(mm) |
| IC 460-1002996/8 | | 10/23/2024 11:43 | 1 | 14F0008285.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/8 | | 10/23/2024 11:43 | 1 | 14F0008285.D | CLP-2 0.53(mm) |
| IC 460-1002996/9 | | 10/23/2024 11:59 | 1 | 14F0008286.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/9 | | 10/23/2024 11:59 | 1 | 14F0008286.D | CLP-2 0.53(mm) |
| IC 460-1002996/10 | | 10/23/2024 12:17 | 1 | 14F0008287.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/10 | | 10/23/2024 12:17 | 1 | 14F0008287.D | CLP-2 0.53(mm) |
| IC 460-1002996/11 | | 10/23/2024 12:33 | 1 | 14F0008288.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/11 | | 10/23/2024 12:33 | 1 | 14F0008288.D | CLP-2 0.53(mm) |
| IC 460-1002996/12 | | 10/23/2024 12:50 | 1 | 14F0008289.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/12 | | 10/23/2024 12:50 | 1 | 14F0008289.D | CLP-2 0.53(mm) |
| IC 460-1002996/13 | | 10/23/2024 13:07 | 1 | 14F0008290.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/13 | | 10/23/2024 13:07 | 1 | 14F0008290.D | CLP-2 0.53(mm) |
| IC 460-1002996/14 | | 10/23/2024 13:24 | 1 | 14F0008291.D | Rtx-CLP 0.53(mm) |
| IC 460-1002996/14 | | 10/23/2024 13:24 | 1 | 14F0008291.D | CLP-2 0.53(mm) |

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 02/07/2025 13:36

Analysis Batch Number: 1020184 End Date: 02/07/2025 21:56

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1020184/1 | | 02/07/2025 13:36 | 1 | 14F0011945.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1020184/1 | | 02/07/2025 13:36 | 1 | 14F0011945.D | CLP-2 0.53(mm) |
| CCVIS 460-1020184/2 | | 02/07/2025 13:53 | 1 | 14F0011946.D | Rtx-CLP 0.53(mm) |
| CCVIS 460-1020184/2 | | 02/07/2025 13:53 | 1 | 14F0011946.D | CLP-2 0.53(mm) |
| LCS 460-1019976/2-A | | 02/07/2025 15:00 | 1 | 14F0011950.D | Rtx-CLP 0.53(mm) |
| LCS 460-1019976/2-A | | 02/07/2025 15:00 | 1 | 14F0011950.D | CLP-2 0.53(mm) |
| LCSD 460-1019976/3-A | | 02/07/2025 15:17 | 1 | 14F0011951.D | Rtx-CLP 0.53(mm) |
| LCSD 460-1019976/3-A | | 02/07/2025 15:17 | 1 | 14F0011951.D | CLP-2 0.53(mm) |
| MB 460-1019976/1-A | | 02/07/2025 15:33 | 1 | 14F0011952.D | Rtx-CLP 0.53(mm) |
| MB 460-1019976/1-A | | 02/07/2025 15:33 | 1 | 14F0011952.D | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:50 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 15:50 | 1 | | CLP-2 0.53(mm) |
| 160-57053-E-2-A MS | | 02/07/2025 16:07 | 1 | 14F0011954.D | Rtx-CLP 0.53(mm) |
| 160-57053-E-2-A MS | | 02/07/2025 16:07 | 1 | 14F0011954.D | CLP-2 0.53(mm) |
| 160-57053-E-2-B MSD | | 02/07/2025 16:24 | 1 | 14F0011955.D | Rtx-CLP 0.53(mm) |
| 160-57053-E-2-B MSD | | 02/07/2025 16:24 | 1 | 14F0011955.D | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:40 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:40 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:57 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 16:57 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:13 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:13 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:30 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:30 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:47 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 17:47 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:03 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:03 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:20 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:20 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:37 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:37 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:53 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 18:53 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:10 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:10 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:26 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:26 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:43 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 19:43 | 1 | | CLP-2 0.53(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/07/2025 20:00 | 1 | 14F0011968.D | Rtx-CLP 0.53(mm) |
| 460-319954-1 | RX-21-01_0-2 | 02/07/2025 20:00 | 1 | 14F0011968.D | CLP-2 0.53(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/07/2025 20:16 | 1 | 14F0011969.D | Rtx-CLP 0.53(mm) |
| 460-319954-2 | RX-18-01_0-2 | 02/07/2025 20:16 | 1 | 14F0011969.D | CLP-2 0.53(mm) |
| 460-319954-3 | RX-20-01_0-2 | 02/07/2025 20:33 | 1 | 14F0011970.D | Rtx-CLP 0.53(mm) |

8082A

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 02/07/2025 13:36

Analysis Batch Number: 1020184 End Date: 02/07/2025 21:56

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| 460-319954-3 | RX-20-01_0-2 | 02/07/2025 20:33 | 1 | 14F0011970.D | CLP-2 0.53(mm) |
| 460-319954-4 | RX-22-01_0-2 | 02/07/2025 20:50 | 1 | 14F0011971.D | Rtx-CLP 0.53(mm) |
| 460-319954-4 | RX-22-01_0-2 | 02/07/2025 20:50 | 1 | 14F0011971.D | CLP-2 0.53(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/07/2025 21:06 | 1 | 14F0011972.D | Rtx-CLP 0.53(mm) |
| 460-319954-5 | RX-19-01_0-2 | 02/07/2025 21:06 | 1 | 14F0011972.D | CLP-2 0.53(mm) |
| 460-319954-6 | DUP_02052025 | 02/07/2025 21:23 | 1 | 14F0011973.D | Rtx-CLP 0.53(mm) |
| 460-319954-6 | DUP_02052025 | 02/07/2025 21:23 | 1 | 14F0011973.D | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 21:39 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 21:39 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 21:56 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/07/2025 21:56 | 1 | | CLP-2 0.53(mm) |

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: CPESTGC14 Start Date: 02/09/2025 07:16

Analysis Batch Number: 1020345 End Date: 02/09/2025 10:53

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| PIBLK 460-1020345/1 | | 02/09/2025 07:16 | 1 | 14F0012004.D | Rtx-CLP 0.53(mm) |
| PIBLK 460-1020345/1 | | 02/09/2025 07:16 | 1 | 14F0012004.D | CLP-2 0.53(mm) |
| CCVIS 460-1020345/2 | | 02/09/2025 07:32 | 1 | 14F0012005.D | Rtx-CLP 0.53(mm) |
| CCVIS 460-1020345/2 | | 02/09/2025 07:32 | 1 | 14F0012005.D | CLP-2 0.53(mm) |
| LCS 460-1020297/2-A | | 02/09/2025 08:39 | 1 | 14F0012009.D | Rtx-CLP 0.53(mm) |
| LCS 460-1020297/2-A | | 02/09/2025 08:39 | 1 | 14F0012009.D | CLP-2 0.53(mm) |
| LCSD 460-1020297/3-A | | 02/09/2025 08:56 | 1 | 14F0012010.D | Rtx-CLP 0.53(mm) |
| LCSD 460-1020297/3-A | | 02/09/2025 08:56 | 1 | 14F0012010.D | CLP-2 0.53(mm) |
| MB 460-1020297/1-A | | 02/09/2025 09:12 | 1 | 14F0012011.D | Rtx-CLP 0.53(mm) |
| MB 460-1020297/1-A | | 02/09/2025 09:12 | 1 | 14F0012011.D | CLP-2 0.53(mm) |
| 460-319954-7 | FB_02052025 | 02/09/2025 09:29 | 1 | 14F0012012.D | Rtx-CLP 0.53(mm) |
| 460-319954-7 | FB_02052025 | 02/09/2025 09:29 | 1 | 14F0012012.D | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:02 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:02 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:19 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:19 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:36 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:36 | 1 | | CLP-2 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:53 | 1 | | Rtx-CLP 0.53(mm) |
| ZZZZZ (Client) | | 02/09/2025 10:53 | 1 | | CLP-2 0.53(mm) |

# PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002996  Batch Start Date: 10/23/24 09:45  Batch Analyst: Patel, Jignesh

Batch Method: 8082A  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | FinalAmount | SG1221L4 00035 | SG1232L4 00037 | SG1242L4 00037 | SG1248L4 00036 | SG1254L4 00036 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1002996/2 | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/3 | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/4 ICIS | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/5 | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/6 | | 8082A | | | 1 mL | | | | | |
| ICV 460-1002996/7 | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/8 | | 8082A | | | 1 mL | 1 mL | | | | |
| IC 460-1002996/9 | | 8082A | | | 1 mL | | 1 mL | | | |
| IC 460-1002996/10 | | 8082A | | | 1 mL | | | 1 mL | | |
| IC 460-1002996/11 | | 8082A | | | 1 mL | | | | 1 mL | |
| IC 460-1002996/12 | | 8082A | | | 1 mL | | | | | 1 mL |
| IC 460-1002996/13 | | 8082A | | | 1 mL | | | | | |
| IC 460-1002996/14 | | 8082A | | | 1 mL | | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SG1260ResPCB 00003 | SG1262L4 00036 | SG1268L4 00036 | SG1660L1 00028 | SG1660L2 00037 | SG1660L3 00044 |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1002996/2 | | 8082A | | | | | | 1 mL | | |
| IC 460-1002996/3 | | 8082A | | | | | | | 1 mL | |
| IC 460-1002996/4 ICIS | | 8082A | | | 1 mL | | | | | 1 mL |
| IC 460-1002996/5 | | 8082A | | | | | | | | |
| IC 460-1002996/6 | | 8082A | | | | | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002996  Batch Start Date: 10/23/24 09:45  Batch Analyst: Patel, Jignesh

Batch Method: 8082A  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SG1260ResPCB 00003 | SG1262L4 00036 | SG1268L4 00036 | SG1660L1 00028 | SG1660L2 00037 | SG1660L3 00044 |
|---|---|---|---|---|---|---|---|---|---|---|
| ICV 460-1002996/7 | | 8082A | | | | | | | | |
| IC 460-1002996/8 | | 8082A | | | | | | | | |
| IC 460-1002996/9 | | 8082A | | | | | | | | |
| IC 460-1002996/10 | | 8082A | | | | | | | | |
| IC 460-1002996/11 | | 8082A | | | | | | | | |
| IC 460-1002996/12 | | 8082A | | | | | | | | |
| IC 460-1002996/13 | | 8082A | | | | 1 mL | | | | |
| IC 460-1002996/14 | | 8082A | | | | | 1 mL | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SG1660L4 00036 | SG1660L5 00036 | SGPCBICV 00033 | SGPCBISTD 00031 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1002996/2 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/3 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/4 ICIS | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/5 | | 8082A | | | 1 mL | | | 20 uL | | |
| IC 460-1002996/6 | | 8082A | | | | 1 mL | | 20 uL | | |
| ICV 460-1002996/7 | | 8082A | | | | | 1 mL | 20 uL | | |
| IC 460-1002996/8 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/9 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/10 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/11 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/12 | | 8082A | | | | | | 20 uL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1002996  Batch Start Date: 10/23/24 09:45  Batch Analyst: Patel, Jignesh

Batch Method: 8082A  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | SG1660L4 00036 | SG1660L5 00036 | SGPCBICV 00033 | SGPCBISTD 00031 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| IC 460-1002996/13 | | 8082A | | | | | | 20 uL | | |
| IC 460-1002996/14 | | 8082A | | | | | | 20 uL | | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019976  Batch Start Date: 02/06/25 15:37  Batch Analyst: Alinea, Archilles R

Batch Method: 3546  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | OP_PCBSP 00061 | OPPSTPCBSURR 00042 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1019976/1 | | 3546, 8082A | | | 15.00 g | 10 mL | | 50 uL | | |
| LCS 460-1019976/2 | | 3546, 8082A | | | 15.00 g | 10 mL | 50 uL | 50 uL | | |
| LCSD 460-1019976/3 | | 3546, 8082A | | | 15.00 g | 10 mL | 50 uL | 50 uL | | |
| 160-57053-E-2 MS | | 3546, 8082A | | T | 15.04 g | 10 mL | 50 uL | 50 uL | | |
| 160-57053-E-2 MSD | | 3546, 8082A | | T | 15.01 g | 10 mL | 50 uL | 50 uL | | |
| 460-319954-E-1 | RX-21-01_0-2 | 3546, 8082A | Solid | T | 15.05 g | 10 mL | | 50 uL | | |
| 460-319954-E-2 | RX-18-01_0-2 | 3546, 8082A | Solid | T | 15.04 g | 10 mL | | 50 uL | | |
| 460-319954-E-3 | RX-20-01_0-2 | 3546, 8082A | Solid | T | 15.07 g | 10 mL | | 50 uL | | |
| 460-319954-E-4 | RX-22-01_0-2 | 3546, 8082A | Solid | T | 15.05 g | 10 mL | | 50 uL | | |
| 460-319954-E-5 | RX-19-01_0-2 | 3546, 8082A | Solid | T | 15.01 g | 10 mL | | 50 uL | | |
| 460-319954-E-6 | DUP_02052025 | 3546, 8082A | Solid | T | 15.08 g | 10 mL | | 50 uL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1019976  Batch Start Date: 02/06/25 15:37  Batch Analyst: Alinea, Archilles R

Batch Method: 3546  Batch End Date:

| Batch Notes | |
|---|---|
| Method/Fraction | 3546 / 8082 |
| Balance ID | 13 |
| Microwave Oven ID | MD-4965 |
| Analyst ID - Extraction | ARCHIE |
| Blank Matrix ID | 181427 |
| Analyst ID - Spike Analyst | ARCHE |
| Analyst ID - Spike Witness Analyst | JOSE |
| Prep Solvent ID | Hexane: 862004 & Acetone: 2762003 |
| Na2SO4 ID | 232415 |
| Analyst ID - Concentration | ARCHIE |
| Equipment ID - Concentration 1 | 31869 |
| Thermometer ID - Concentration 1 | 31869 |
| Concentration 1 Uncorrected Temperature | 34.0 Degrees C |
| Concentration 1 Corrected Temperature | 34.0 Degrees C |
| Vial Lot Number | 21126080 |
| Analyst ID - Clean Up | ARCHIE |
| Acid used for Clean Up ID | 242206 |
| Copper ID | OP003 |
| Batch Comment | PCB/SOIL |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020297  Batch Start Date: 02/08/25 13:45  Batch Analyst: Huma, Zill E

Batch Method: 3510C  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ReceivedpH | OP_PCB SP_LVI 00019 | OPPSPCBSU_LVI 00024 | AnalysisComment |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020297/1 | | 3510C, 8082A | | | 250 mL | 1 mL | 7 SU | | 50 uL | |
| LCS 460-1020297/2 | | 3510C, 8082A | | | 250 mL | 1 mL | 7 SU | 50 uL | 50 uL | |
| LCSD 460-1020297/3 | | 3510C, 8082A | | | 250 mL | 1 mL | 7 SU | 50 uL | 50 uL | |
| 460-319954-H-7 | FB_02052025 | 3510C, 8082A | Water | T | 250 mL | 1 mL | 4 SU | | 50 uL | Split |

| Batch Notes | |
|---|---|
| Method/Fraction | 3510C_LVI / 8082 |
| Balance is Level? (Y/N) | yes |
| pH Indicator ID | VWR: 10BDH1341 |
| Analyst ID - Extraction | zh |
| Analyst ID - Spike Analyst | zh |
| Analyst ID - Spike Witness Analyst | NP |
| Sufficient Volume for Batch QC | Yes |
| Prep Solvent ID | JT Baker Dichloromethane : 662004 |
| Prep Solvent Volume Used | 40 ml mL |
| Analyst ID - Concentration | zh |
| Equipment ID - Concentration 1 | N-EVAP: 36337 |
| Thermometer ID - Concentration 1 | N-EVAP: 36337 |
| Concentration 1 Uncorrected Temperature | 35 Degrees C |
| Concentration 1 Corrected Temperature | 35 Degrees C |
| Exchange Solvent ID | JT Baker Hexane: 862004 |
| Vial Lot Number | Agilent Technologies: 21046158 |
| Batch Comment | PCB Water |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS

COVER PAGE
METALS

Lab Name: Eurofins Edison Job Number: 460-319954-1

SDG No.:

Project: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Client Sample ID | Lab Sample ID |
|---|---|
| RX-21-01_0-2 | 460-319954-1 |
| RX-18-01_0-2 | 460-319954-2 |
| RX-20-01_0-2 | 460-319954-3 |
| RX-22-01_0-2 | 460-319954-4 |
| RX-19-01_0-2 | 460-319954-5 |
| DUP_02052025 | 460-319954-6 |
| FB_02052025 | 460-319954-7 |

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RX-21-01_0-2 | Lab Sample ID: 460-319954-1

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG ID.:

Matrix: Solid | Date Sampled: 02/05/2025 08:45

Reporting Basis: DRY | Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020433 | Instrument ID: ICPMS4

% Solids: 99.4

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6400 | 18.0 | 4.9 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.43 | 0.90 | 0.13 | mg/Kg | J | | 1 | 6020B |
| 7440-38-2 | Arsenic | 4.5 | 0.90 | 0.093 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 255 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.28 | 0.36 | 0.051 | mg/Kg | J | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.79 | 0.90 | 0.10 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 21900 | 89.8 | 36.6 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 17.8 | 1.8 | 0.82 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 4.9 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 47.6 | 1.8 | 0.33 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 16400 | 53.9 | 18.1 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 346 | 0.54 | 0.18 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 4020 | 89.8 | 9.2 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 254 | 3.6 | 0.36 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 14.6 | 1.8 | 0.42 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 1260 | 89.8 | 14.6 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.36 | 1.1 | 0.11 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.20 | 0.36 | 0.080 | mg/Kg | J | | 1 | 6020B |
| 7440-23-5 | Sodium | 143 | 89.8 | 41.1 | mg/Kg | | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.089 | 0.36 | 0.037 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 22.9 | 1.8 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 229 | 7.2 | 2.7 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.31 | 0.015 | 0.0072 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RX-18-01_0-2 | Lab Sample ID: 460-319954-2

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG ID.:

Matrix: Solid | Date Sampled: 02/05/2025 09:45

Reporting Basis: DRY | Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020433 | Instrument ID: ICPMS4

% Solids: 99.0

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 4810 | 18.4 | 5.0 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.34 | 0.92 | 0.13 | mg/Kg | J | | 1 | 6020B |
| 7440-38-2 | Arsenic | 4.1 | 0.92 | 0.095 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 256 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.25 | 0.37 | 0.052 | mg/Kg | J | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.52 | 0.92 | 0.10 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 6560 | 91.8 | 37.4 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 14.5 | 1.8 | 0.83 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 4.5 | 1.8 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 37.5 | 1.8 | 0.34 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 19500 | 55.1 | 18.5 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 324 | 0.55 | 0.18 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 1860 | 91.8 | 9.4 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 290 | 3.7 | 0.37 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 17.8 | 1.8 | 0.43 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 586 | 91.8 | 14.9 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.33 | 1.1 | 0.12 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.14 | 0.37 | 0.082 | mg/Kg | J | | 1 | 6020B |
| 7440-23-5 | Sodium | 64.8 | 91.8 | 41.9 | mg/Kg | J | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.074 | 0.37 | 0.038 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 18.5 | 1.8 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 235 | 7.3 | 2.8 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.33 | 0.015 | 0.0071 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RX-20-01_0-2
Lab Sample ID: 460-319954-3
Lab Name: Eurofins Edison
Job No.: 460-319954-1
SDG ID.:
Matrix: Solid
Date Sampled: 02/05/2025 11:10
Reporting Basis: DRY
Date Received: 02/05/2025 18:30
Preparation Batch Number: 1020433
Instrument ID: ICPMS4
% Solids: 99.1

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6000 | 18.9 | 5.2 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.94 | 0.94 | 0.14 | mg/Kg | U | | 1 | 6020B |
| 7440-38-2 | Arsenic | 2.7 | 0.94 | 0.097 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 51.8 | 1.9 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.38 | 0.38 | 0.054 | mg/Kg | | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.15 | 0.94 | 0.11 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 1300 | 94.3 | 38.4 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 16.4 | 1.9 | 0.86 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 6.6 | 1.9 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 19.1 | 1.9 | 0.35 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 25200 | 56.6 | 19.0 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 45.7 | 0.57 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 2070 | 94.3 | 9.6 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 499 | 3.8 | 0.38 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 11.6 | 1.9 | 0.44 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 970 | 94.3 | 15.3 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.17 | 1.2 | 0.12 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.38 | 0.38 | 0.084 | mg/Kg | U | | 1 | 6020B |
| 7440-23-5 | Sodium | 62.9 | 94.3 | 43.1 | mg/Kg | J | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.21 | 0.38 | 0.039 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 27.8 | 1.9 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 92.4 | 7.5 | 2.9 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.10 | 0.017 | 0.0078 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RX-22-01_0-2
Lab Sample ID: 460-319954-4
Lab Name: Eurofins Edison
Job No.: 460-319954-1
SDG ID.:
Matrix: Solid
Date Sampled: 02/05/2025 11:45
Reporting Basis: DRY
Date Received: 02/05/2025 18:30
Preparation Batch Number: 1020433
Instrument ID: ICPMS4
% Solids: 98.3

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5240 | 18.5 | 5.1 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.21 | 0.92 | 0.13 | mg/Kg | J | | 1 | 6020B |
| 7440-38-2 | Arsenic | 3.1 | 0.92 | 0.095 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 115 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.29 | 0.37 | 0.053 | mg/Kg | J | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.30 | 0.92 | 0.10 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 2020 | 92.4 | 37.6 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 14.2 | 1.8 | 0.84 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 5.0 | 1.8 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 27.7 | 1.8 | 0.34 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 17900 | 55.5 | 18.7 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 187 | 0.55 | 0.18 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 1540 | 92.4 | 9.4 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 329 | 3.7 | 0.37 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 10.5 | 1.8 | 0.43 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 711 | 92.4 | 15.0 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.33 | 1.2 | 0.12 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.14 | 0.37 | 0.082 | mg/Kg | J | | 1 | 6020B |
| 7440-23-5 | Sodium | 64.9 | 92.4 | 42.2 | mg/Kg | J | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.086 | 0.37 | 0.038 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 21.3 | 1.8 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 143 | 7.4 | 2.8 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.42 | 0.015 | 0.0073 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: RX-19-01_0-2 | Lab Sample ID: 460-319954-5

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG ID.:

Matrix: Solid | Date Sampled: 02/05/2025 12:30

Reporting Basis: DRY | Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020433 | Instrument ID: ICPMS4

% Solids: 97.9

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 5790 | 19.3 | 5.3 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.18 | 0.96 | 0.14 | mg/Kg | J | | 1 | 6020B |
| 7440-38-2 | Arsenic | 3.7 | 0.96 | 0.099 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 158 | 1.9 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.34 | 0.39 | 0.055 | mg/Kg | J | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.32 | 0.96 | 0.11 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 14000 | 96.4 | 39.2 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 14.0 | 1.9 | 0.88 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 5.3 | 1.9 | 0.14 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 25.3 | 1.9 | 0.35 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 18300 | 57.8 | 19.5 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 303 | 0.58 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 2180 | 96.4 | 9.8 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 356 | 3.9 | 0.39 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 11.6 | 1.9 | 0.45 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 922 | 96.4 | 15.6 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.21 | 1.2 | 0.12 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.39 | 0.39 | 0.086 | mg/Kg | U | | 1 | 6020B |
| 7440-23-5 | Sodium | 109 | 96.4 | 44.1 | mg/Kg | | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.088 | 0.39 | 0.040 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 22.3 | 1.9 | 0.20 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 127 | 7.7 | 2.9 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.15 | 0.016 | 0.0075 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: DUP_02052025 | Lab Sample ID: 460-319954-6

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG ID.:

Matrix: Solid | Date Sampled: 02/05/2025 12:00

Reporting Basis: DRY | Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020433 | Instrument ID: ICPMS4

% Solids: 98.7

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 6170 | 18.1 | 5.0 | mg/Kg | | | 1 | 6020B |
| 7440-36-0 | Antimony | 0.44 | 0.91 | 0.13 | mg/Kg | J | | 1 | 6020B |
| 7440-38-2 | Arsenic | 4.5 | 0.91 | 0.093 | mg/Kg | | | 1 | 6020B |
| 7440-39-3 | Barium | 317 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.28 | 0.36 | 0.052 | mg/Kg | J | | 1 | 6020B |
| 7440-43-9 | Cadmium | 0.63 | 0.91 | 0.10 | mg/Kg | J | | 1 | 6020B |
| 7440-70-2 | Calcium | 16400 | 90.5 | 36.8 | mg/Kg | | | 1 | 6020B |
| 7440-47-3 | Chromium | 17.4 | 1.8 | 0.82 | mg/Kg | | | 1 | 6020B |
| 7440-48-4 | Cobalt | 4.9 | 1.8 | 0.13 | mg/Kg | | | 1 | 6020B |
| 7440-50-8 | Copper | 51.4 | 1.8 | 0.33 | mg/Kg | | | 1 | 6020B |
| 7439-89-6 | Iron | 14200 | 54.3 | 18.3 | mg/Kg | | | 1 | 6020B |
| 7439-92-1 | Lead | 442 | 0.54 | 0.18 | mg/Kg | | | 1 | 6020B |
| 7439-95-4 | Magnesium | 2920 | 90.5 | 9.2 | mg/Kg | | | 1 | 6020B |
| 7439-96-5 | Manganese | 250 | 3.6 | 0.36 | mg/Kg | | | 1 | 6020B |
| 7440-02-0 | Nickel | 15.7 | 1.8 | 0.43 | mg/Kg | | | 1 | 6020B |
| 7440-09-7 | Potassium | 1140 | 90.5 | 14.7 | mg/Kg | | | 1 | 6020B |
| 7782-49-2 | Selenium | 0.36 | 1.1 | 0.12 | mg/Kg | J | | 1 | 6020B |
| 7440-22-4 | Silver | 0.23 | 0.36 | 0.081 | mg/Kg | J | | 1 | 6020B |
| 7440-23-5 | Sodium | 148 | 90.5 | 41.4 | mg/Kg | | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.086 | 0.36 | 0.037 | mg/Kg | J | | 1 | 6020B |
| 7440-62-2 | Vanadium | 22.3 | 1.8 | 0.19 | mg/Kg | | | 1 | 6020B |
| 7440-66-6 | Zinc | 275 | 7.2 | 2.8 | mg/Kg | | | 1 | 6020B |
| 7439-97-6 | Mercury | 0.45 | 0.017 | 0.0080 | mg/Kg | | | 1 | 7471B |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB_02052025 Lab Sample ID: 460-319954-7

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG ID.:

Matrix: Water Date Sampled: 02/05/2025 12:05

Reporting Basis: WET Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020501 Instrument ID: LEEMAN6

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.20 | 0.20 | 0.091 | ug/L | U | | 1 | 7470A |

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - TOTAL RECOVERABLE

Client Sample ID: FB_02052025 | Lab Sample ID: 460-319954-7

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG ID.:

Matrix: Water | Date Sampled: 02/05/2025 12:05

Reporting Basis: WET | Date Received: 02/05/2025 18:30

Preparation Batch Number: 1020447 | Instrument ID: ICPMS4

| CAS No. | Analyte | Result | RL | MDL | Units | C | Q | DIL | Method |
|---|---|---|---|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 40.0 | 40.0 | 11.7 | ug/L | U | | 1 | 6020B |
| 7440-36-0 | Antimony | 2.0 | 2.0 | 0.48 | ug/L | U | | 1 | 6020B |
| 7440-38-2 | Arsenic | 2.0 | 2.0 | 1.2 | ug/L | U | | 1 | 6020B |
| 7440-39-3 | Barium | 4.0 | 4.0 | 0.93 | ug/L | U | | 1 | 6020B |
| 7440-41-7 | Beryllium | 0.80 | 0.80 | 0.12 | ug/L | U | | 1 | 6020B |
| 7440-43-9 | Cadmium | 2.0 | 2.0 | 0.38 | ug/L | U | | 1 | 6020B |
| 7440-70-2 | Calcium | 500 | 500 | 31.7 | ug/L | U | | 1 | 6020B |
| 7440-47-3 | Chromium | 4.0 | 4.0 | 1.7 | ug/L | U | | 1 | 6020B |
| 7440-48-4 | Cobalt | 4.0 | 4.0 | 0.41 | ug/L | U | | 1 | 6020B |
| 7440-50-8 | Copper | 4.0 | 4.0 | 2.0 | ug/L | U | | 1 | 6020B |
| 7439-89-6 | Iron | 120 | 120 | 33.7 | ug/L | U | | 1 | 6020B |
| 7439-92-1 | Lead | 1.2 | 1.2 | 0.42 | ug/L | U | | 1 | 6020B |
| 7439-95-4 | Magnesium | 200 | 200 | 21.8 | ug/L | U | | 1 | 6020B |
| 7439-96-5 | Manganese | 8.0 | 8.0 | 0.84 | ug/L | U | | 1 | 6020B |
| 7440-02-0 | Nickel | 4.0 | 4.0 | 1.4 | ug/L | U | | 1 | 6020B |
| 7440-09-7 | Potassium | 200 | 200 | 83.3 | ug/L | U | | 1 | 6020B |
| 7782-49-2 | Selenium | 2.5 | 2.5 | 0.43 | ug/L | U | | 1 | 6020B |
| 7440-22-4 | Silver | 2.0 | 2.0 | 1.3 | ug/L | U | | 1 | 6020B |
| 7440-23-5 | Sodium | 500 | 500 | 180 | ug/L | U | | 1 | 6020B |
| 7440-28-0 | Thallium | 0.80 | 0.80 | 0.19 | ug/L | U | | 1 | 6020B |
| 7440-62-2 | Vanadium | 4.0 | 4.0 | 1.0 | ug/L | U | | 1 | 6020B |
| 7440-66-6 | Zinc | 16.0 | 16.0 | 4.2 | ug/L | U | | 1 | 6020B |

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029 Concentration Units: ug/L

CCV Source: me_Cal5_00222

| Analyte | ICV 460-1020512/7 02/10/2025 09:54 | | | | CCV 460-1020512/19 02/10/2025 10:27 | | | | CCV 460-1020512/119 02/10/2025 14:59 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 20440 | | 20000 | 102 | 26150 | | 25000 | 105 | 26220 | | 25000 | 105 |
| **Antimony** | 80.95 | | 80.0 | 101 | 102.4 | | 100 | 102 | 102.2 | | 100 | 102 |
| **Arsenic** | 81.66 | | 80.0 | 102 | 104.5 | | 100 | 105 | 104.9 | | 100 | 105 |
| **Barium** | 81.96 | | 80.0 | 102 | 97.15 | | 100 | 97 | 100.2 | | 100 | 100 |
| **Beryllium** | 79.10 | | 80.0 | 99 | 101.0 | | 100 | 101 | 105.5 | | 100 | 105 |
| **Cadmium** | 80.25 | | 80.0 | 100 | 99.84 | | 100 | 100 | 102.5 | | 100 | 103 |
| **Calcium** | 19750 | | 20000 | 99 | 24670 | | 25000 | 99 | 24480 | | 25000 | 98 |
| **Chromium** | 82.53 | | 80.0 | 103 | 101.8 | | 100 | 102 | 103.6 | | 100 | 104 |
| **Cobalt** | 81.88 | | 80.0 | 102 | 102.5 | | 100 | 102 | 103.2 | | 100 | 103 |
| **Copper** | 82.17 | | 80.0 | 103 | 103.8 | | 100 | 104 | 104.5 | | 100 | 105 |
| **Iron** | 19840 | | 20000 | 99 | 24690 | | 25000 | 99 | 24640 | | 25000 | 99 |
| **Lead** | 80.03 | | 80.0 | 100 | 100.5 | | 100 | 101 | 100.8 | | 100 | 101 |
| **Magnesium** | 20520 | | 20000 | 103 | 26560 | | 25000 | 106 | 26550 | | 25000 | 106 |
| **Manganese** | 81.15 | | 80.0 | 101 | 101.9 | | 100 | 102 | 103.1 | | 100 | 103 |
| **Nickel** | 82.02 | | 80.0 | 103 | 102.9 | | 100 | 103 | 101.5 | | 100 | 102 |
| **Potassium** | 20180 | | 20000 | 101 | 25470 | | 25000 | 102 | 25540 | | 25000 | 102 |
| **Selenium** | 80.97 | | 80.0 | 101 | 100.1 | | 100 | 100 | 99.91 | | 100 | 100 |
| **Silver** | 40.60 | | 40.0 | 101 | 50.90 | | 50.0 | 102 | 51.35 | | 50.0 | 103 |
| **Sodium** | 20690 | | 20000 | 103 | 26900 | | 25000 | 108 | 27250 | | 25000 | 109 |
| **Thallium** | 80.06 | | 80.0 | 100 | 99.85 | | 100 | 100 | 101.3 | | 100 | 101 |
| **Vanadium** | 81.36 | | 80.0 | 102 | 102.0 | | 100 | 102 | 103.7 | | 100 | 104 |
| **Zinc** | 198.1 | | 200 | 99 | 256.8 | | 250 | 103 | 255.9 | | 250 | 102 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029 Concentration Units: ug/L

CCV Source: me_Cal5_00222

| Analyte | CCV 460-1020512/131 02/10/2025 15:31 | | | | CCV 460-1020512/188 02/10/2025 18:18 | | | | CCV 460-1020512/199 02/10/2025 18:46 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 25790 | | 25000 | 103 | 25300 | | 25000 | 101 | 25420 | | 25000 | 102 |
| **Antimony** | 101.6 | | 100 | 102 | 101.9 | | 100 | 102 | 102.7 | | 100 | 103 |
| **Arsenic** | 100.8 | | 100 | 101 | 104.1 | | 100 | 104 | 103.8 | | 100 | 104 |
| **Barium** | 101.8 | | 100 | 102 | 100.3 | | 100 | 100 | 99.98 | | 100 | 100 |
| **Beryllium** | 103.8 | | 100 | 104 | 107.1 | | 100 | 107 | 96.31 | | 100 | 96 |
| **Cadmium** | 100.4 | | 100 | 100 | 99.99 | | 100 | 100 | 99.19 | | 100 | 99 |
| **Calcium** | 24970 | | 25000 | 100 | 24680 | | 25000 | 99 | 24820 | | 25000 | 99 |
| **Chromium** | 99.53 | | 100 | 100 | 100.4 | | 100 | 100 | 99.87 | | 100 | 100 |
| **Cobalt** | 100.2 | | 100 | 100 | 101.2 | | 100 | 101 | 100.9 | | 100 | 101 |
| **Copper** | 101.1 | | 100 | 101 | 102.1 | | 100 | 102 | 100.8 | | 100 | 101 |
| **Iron** | 24870 | | 25000 | 99 | 25200 | | 25000 | 101 | 25010 | | 25000 | 100 |
| **Lead** | 99.38 | | 100 | 99 | 99.13 | | 100 | 99 | 99.84 | | 100 | 100 |
| **Magnesium** | 26210 | | 25000 | 105 | 25820 | | 25000 | 103 | 25510 | | 25000 | 102 |
| **Manganese** | 101.6 | | 100 | 102 | 100.9 | | 100 | 101 | 99.71 | | 100 | 100 |
| **Nickel** | 99.33 | | 100 | 99 | 101.6 | | 100 | 102 | 100.2 | | 100 | 100 |
| **Potassium** | 25020 | | 25000 | 100 | 25170 | | 25000 | 101 | 24850 | | 25000 | 99 |
| **Selenium** | 102.5 | | 100 | 103 | 100.7 | | 100 | 101 | 101.5 | | 100 | 102 |
| **Silver** | 49.77 | | 50.0 | 100 | 50.32 | | 50.0 | 101 | 49.95 | | 50.0 | 100 |
| **Sodium** | 26480 | | 25000 | 106 | 26250 | | 25000 | 105 | 26270 | | 25000 | 105 |
| **Thallium** | 98.99 | | 100 | 99 | 98.79 | | 100 | 99 | 100.5 | | 100 | 100 |
| **Vanadium** | 100.3 | | 100 | 100 | 101.3 | | 100 | 101 | 101.1 | | 100 | 101 |
| **Zinc** | 247.4 | | 250 | 99 | 249.2 | | 250 | 100 | 244.9 | | 250 | 98 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029  Concentration Units: ug/L

CCV Source: me_Cal5_00222

| Analyte | ICV 460-1020726/7 02/11/2025 09:32 | | | | CCV 460-1020726/19 02/11/2025 10:03 | | | | CCV 460-1020726/52 02/11/2025 11:33 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 20000 | | 20000 | 100 | 25920 | | 25000 | 104 | 26320 | | 25000 | 105 |
| **Antimony** | 79.69 | | 80.0 | 100 | 99.52 | | 100 | 100 | 102.5 | | 100 | 102 |
| **Arsenic** | 77.89 | | 80.0 | 97 | 98.68 | | 100 | 99 | 95.71 | | 100 | 96 |
| **Barium** | 79.30 | | 80.0 | 99 | 96.22 | | 100 | 96 | 94.56 | | 100 | 95 |
| **Beryllium** | 79.88 | | 80.0 | 100 | 91.81 | | 100 | 92 | 90.74 | | 100 | 91 |
| **Cadmium** | 79.30 | | 80.0 | 99 | 98.70 | | 100 | 99 | 102.1 | | 100 | 102 |
| **Calcium** | 20270 | | 20000 | 101 | 24680 | | 25000 | 99 | 24550 | | 25000 | 98 |
| **Chromium** | 80.28 | | 80.0 | 100 | 100.4 | | 100 | 100 | 100.5 | | 100 | 100 |
| **Cobalt** | 80.67 | | 80.0 | 101 | 100.8 | | 100 | 101 | 101.2 | | 100 | 101 |
| **Copper** | 80.82 | | 80.0 | 101 | 101.1 | | 100 | 101 | 100.8 | | 100 | 101 |
| **Iron** | 20160 | | 20000 | 101 | 24860 | | 25000 | 99 | 24930 | | 25000 | 100 |
| **Lead** | 79.79 | | 80.0 | 100 | 100.8 | | 100 | 101 | 100.5 | | 100 | 101 |
| **Magnesium** | 20150 | | 20000 | 101 | 25740 | | 25000 | 103 | 25990 | | 25000 | 104 |
| **Manganese** | 81.83 | | 80.0 | 102 | 102.2 | | 100 | 102 | 99.16 | | 100 | 99 |
| **Nickel** | 81.15 | | 80.0 | 101 | 102.0 | | 100 | 102 | 100.5 | | 100 | 100 |
| **Potassium** | 20070 | | 20000 | 100 | 25100 | | 25000 | 100 | 25040 | | 25000 | 100 |
| **Selenium** | 80.73 | | 80.0 | 101 | 99.14 | | 100 | 99 | 101.3 | | 100 | 101 |
| **Silver** | 39.74 | | 40.0 | 99 | 49.94 | | 50.0 | 100 | 50.00 | | 50.0 | 100 |
| **Sodium** | 20090 | | 20000 | 100 | 25920 | | 25000 | 104 | 26140 | | 25000 | 105 |
| **Thallium** | 78.90 | | 80.0 | 99 | 99.22 | | 100 | 99 | 99.99 | | 100 | 100 |
| **Vanadium** | 79.90 | | 80.0 | 100 | 98.34 | | 100 | 98 | 99.40 | | 100 | 99 |
| **Zinc** | 197.6 | | 200 | 99 | 257.2 | | 250 | 103 | 249.8 | | 250 | 100 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029  Concentration Units: ug/L

CCV Source: me_Cal5_00222

| Analyte | CCV 460-1020726/61 02/11/2025 11:56 | | | | CCV 460-1020726/73 02/11/2025 12:27 | | | | CCV 460-1020726/85 02/11/2025 13:03 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 26140 | | 25000 | 105 | 26010 | | 25000 | 104 | 26330 | | 25000 | 105 |
| **Antimony** | 98.32 | | 100 | 98 | 100.1 | | 100 | 100 | 100.1 | | 100 | 100 |
| **Arsenic** | 99.34 | | 100 | 99 | 97.21 | | 100 | 97 | 99.42 | | 100 | 99 |
| **Barium** | 94.72 | | 100 | 95 | 97.44 | | 100 | 97 | 93.33 | | 100 | 93 |
| **Beryllium** | 91.06 | | 100 | 91 | 96.95 | | 100 | 97 | 91.00 | | 100 | 91 |
| **Cadmium** | 97.69 | | 100 | 98 | 100.1 | | 100 | 100 | 99.78 | | 100 | 100 |
| **Calcium** | 24750 | | 25000 | 99 | 25290 | | 25000 | 101 | 25160 | | 25000 | 101 |
| **Chromium** | 100.3 | | 100 | 100 | 99.53 | | 100 | 100 | 101.2 | | 100 | 101 |
| **Cobalt** | 100.3 | | 100 | 100 | 99.86 | | 100 | 100 | 101.5 | | 100 | 102 |
| **Copper** | 99.01 | | 100 | 99 | 100.6 | | 100 | 101 | 100.6 | | 100 | 101 |
| **Iron** | 25180 | | 25000 | 101 | 25340 | | 25000 | 101 | 24970 | | 25000 | 100 |
| **Lead** | 99.31 | | 100 | 99 | 100.1 | | 100 | 100 | 100.9 | | 100 | 101 |
| **Magnesium** | 26120 | | 25000 | 104 | 25910 | | 25000 | 104 | 26390 | | 25000 | 106 |
| **Manganese** | 99.90 | | 100 | 100 | 100.5 | | 100 | 100 | 100.1 | | 100 | 100 |
| **Nickel** | 99.95 | | 100 | 100 | 100.0 | | 100 | 100 | 101.3 | | 100 | 101 |
| **Potassium** | 25060 | | 25000 | 100 | 25270 | | 25000 | 101 | 25340 | | 25000 | 101 |
| **Selenium** | 100.6 | | 100 | 101 | 101.2 | | 100 | 101 | 99.38 | | 100 | 99 |
| **Silver** | 49.38 | | 50.0 | 99 | 50.03 | | 50.0 | 100 | 49.36 | | 50.0 | 99 |
| **Sodium** | 26500 | | 25000 | 106 | 26340 | | 25000 | 105 | 26780 | | 25000 | 107 |
| **Thallium** | 98.31 | | 100 | 98 | 99.56 | | 100 | 100 | 100.3 | | 100 | 100 |
| **Vanadium** | 99.05 | | 100 | 99 | 99.69 | | 100 | 100 | 99.74 | | 100 | 100 |
| **Zinc** | 250.6 | | 250 | 100 | 249.3 | | 250 | 100 | 250.4 | | 250 | 100 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029 Concentration Units: ug/L

CCV Source: me_Cal5_00222

| Analyte | CCV 460-1020726/189 02/11/2025 17:51 | | | | CCV 460-1020726/196 02/11/2025 18:15 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 25830 | | 25000 | 103 | 25950 | | 25000 | 104 | | | | |
| **Antimony** | 98.02 | | 100 | 98 | 99.55 | | 100 | 100 | | | | |
| **Arsenic** | 93.17 | | 100 | 93 | 96.59 | | 100 | 97 | | | | |
| **Barium** | 93.04 | | 100 | 93 | 96.36 | | 100 | 96 | | | | |
| **Beryllium** | | | | | | | | | | | | |
| **Cadmium** | 96.51 | | 100 | 97 | 97.17 | | 100 | 97 | | | | |
| **Calcium** | 24790 | | 25000 | 99 | 25110 | | 25000 | 100 | | | | |
| **Chromium** | 97.96 | | 100 | 98 | 98.01 | | 100 | 98 | | | | |
| **Cobalt** | 97.32 | | 100 | 97 | 98.22 | | 100 | 98 | | | | |
| **Copper** | 97.13 | | 100 | 97 | 98.24 | | 100 | 98 | | | | |
| **Iron** | 24640 | | 25000 | 99 | 25160 | | 25000 | 101 | | | | |
| **Lead** | 97.01 | | 100 | 97 | 97.52 | | 100 | 98 | | | | |
| **Magnesium** | 26020 | | 25000 | 104 | 26370 | | 25000 | 105 | | | | |
| **Manganese** | 97.85 | | 100 | 98 | 98.45 | | 100 | 98 | | | | |
| **Nickel** | 99.15 | | 100 | 99 | 99.74 | | 100 | 100 | | | | |
| **Potassium** | 25200 | | 25000 | 101 | 25100 | | 25000 | 100 | | | | |
| **Selenium** | 94.84 | | 100 | 95 | 97.08 | | 100 | 97 | | | | |
| **Silver** | 48.29 | | 50.0 | 97 | 47.97 | | 50.0 | 96 | | | | |
| **Sodium** | 26140 | | 25000 | 105 | 26790 | | 25000 | 107 | | | | |
| **Thallium** | 96.41 | | 100 | 96 | 97.22 | | 100 | 97 | | | | |
| **Vanadium** | 97.21 | | 100 | 97 | 98.66 | | 100 | 99 | | | | |
| **Zinc** | 243.5 | | 250 | 97 | 249.0 | | 250 | 100 | | | | |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: Interm_ICV_00029  Concentration Units: ug/L

CCV Source: me_Cal5_00227

| Analyte | ICV 460-1020769/7 02/11/2025 20:34 | | | | CCV 460-1020769/15 02/11/2025 21:04 | | | | CCV 460-1020769/22 02/11/2025 21:22 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Aluminum** | 20110 | | 20000 | 101 | 24850 | | 25000 | 99 | 24680 | | 25000 | 99 |
| **Antimony** | 80.80 | | 80.0 | 101 | 97.12 | | 100 | 97 | 97.50 | | 100 | 98 |
| **Arsenic** | 81.79 | | 80.0 | 102 | 101.9 | | 100 | 102 | 101.1 | | 100 | 101 |
| **Barium** | 82.25 | | 80.0 | 103 | 101.0 | | 100 | 101 | 100.8 | | 100 | 101 |
| **Beryllium** | 79.77 | | 80.0 | 100 | 96.15 | | 100 | 96 | 98.05 | | 100 | 98 |
| **Cadmium** | 79.23 | | 80.0 | 99 | 98.56 | | 100 | 99 | 97.55 | | 100 | 98 |
| **Calcium** | 19530 | | 20000 | 98 | 25000 | | 25000 | 100 | 24840 | | 25000 | 99 |
| **Chromium** | 81.43 | | 80.0 | 102 | 99.36 | | 100 | 99 | 97.26 | | 100 | 97 |
| **Cobalt** | 81.91 | | 80.0 | 102 | 98.78 | | 100 | 99 | 97.99 | | 100 | 98 |
| **Copper** | 82.01 | | 80.0 | 103 | 98.31 | | 100 | 98 | 99.53 | | 100 | 100 |
| **Iron** | 19870 | | 20000 | 99 | 24730 | | 25000 | 99 | 24850 | | 25000 | 99 |
| **Lead** | 80.49 | | 80.0 | 101 | 98.26 | | 100 | 98 | 97.88 | | 100 | 98 |
| **Magnesium** | 19870 | | 20000 | 99 | 24760 | | 25000 | 99 | 24480 | | 25000 | 98 |
| **Manganese** | 81.34 | | 80.0 | 102 | 100.7 | | 100 | 101 | 100.4 | | 100 | 100 |
| **Nickel** | 81.37 | | 80.0 | 102 | 99.84 | | 100 | 100 | 97.26 | | 100 | 97 |
| **Potassium** | 20070 | | 20000 | 100 | 25230 | | 25000 | 101 | 25100 | | 25000 | 100 |
| **Selenium** | 78.38 | | 80.0 | 98 | 101.6 | | 100 | 102 | 98.33 | | 100 | 98 |
| **Silver** | 40.20 | | 40.0 | 100 | 48.60 | | 50.0 | 97 | 48.91 | | 50.0 | 98 |
| **Sodium** | 20040 | | 20000 | 100 | 24570 | | 25000 | 98 | 24320 | | 25000 | 97 |
| **Thallium** | 79.82 | | 80.0 | 100 | 97.09 | | 100 | 97 | 97.21 | | 100 | 97 |
| **Vanadium** | 80.17 | | 80.0 | 100 | 99.63 | | 100 | 100 | 99.07 | | 100 | 99 |
| **Zinc** | 200.2 | | 200 | 100 | 253.4 | | 250 | 101 | 246.7 | | 250 | 99 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: ME_DQCS-INT_04493  Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04764

| Analyte | ICV 460-1020443/7 02/10/2025 04:12 | | | | CCV 460-1020443/69 02/10/2025 06:04 | | | | CCV 460-1020443/81 02/10/2025 06:26 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Mercury** | 4.98 | | 5.00 | 100 | 4.89 | | 5.00 | 98 | 4.86 | | 5.00 | 97 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: ME_DQCS-INT_04493  Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04764

| Analyte | CCV 460-1020443/93 02/10/2025 06:49 | | | | CCV 460-1020443/101 02/10/2025 07:03 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Mercury** | 4.89 | | 5.00 | 98 | 4.87 | | 5.00 | 97 | | | | |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: ME_DQCS-INT_04493  Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04764

| Analyte | ICV 460-1020487/31-A 02/10/2025 13:42 | | | | CCV 460-1020487/35-A 02/10/2025 15:42 | | | | CCV 460-1020487/35-A 02/10/2025 16:03 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Mercury** | 4.94 | | 5.00 | 99 | 4.87 | | 5.00 | 97 | 4.96 | | 5.00 | 99 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

ICV Source: ME_DQCS-INT_04493  Concentration Units: ug/L

CCV Source: ME_DCAL-IN_04764

| Analyte | CCV 460-1020487/35-A 02/10/2025 16:24 | | | | CCV 460-1020487/35-A 02/10/2025 16:41 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Found | C | True | %R | Found | C | True | %R | Found | C | True | %R |
| **Mercury** | 4.94 | | 5.00 | 99 | 4.86 | | 5.00 | 97 | | | | |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2B-IN
CRQL CHECK STANDARD
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Method: 7470A Instrument ID: LEEMAN6

Lab Sample ID: CRI 460-1020487/32-A Concentration Units: ug/L

CRQL Check Standard Source: ME_DCAL-IN_04764

| Analyte | CRQL Check Standard | | | | |
|---|---|---|---|---|---|
| | True | Found | Qualifiers | %R(1) | Limits |
| Mercury | 0.200 | 0.216 | | 108 | 50-150 |

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IIB-IN

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | ICB 460-1020512/8 02/10/2025 09:56 | | CCB 460-1020512/20 02/10/2025 10:29 | | CCB 460-1020512/120 02/10/2025 15:01 | | CCB 460-1020512/132 02/10/2025 15:34 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Aluminum** | 40.0 | 40.0 | U | 40.0 | U | 40.0 | U | 40.0 | U |
| **Antimony** | 2.0 | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U |
| **Arsenic** | 2.0 | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U |
| **Barium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Beryllium** | 0.80 | 0.80 | U | 0.80 | U | 0.80 | U | 0.80 | U |
| **Cadmium** | 2.0 | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U |
| **Calcium** | 500 | 500 | U | 500 | U | 500 | U | 500 | U |
| **Chromium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Cobalt** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Copper** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Iron** | 120 | 120 | U | 120 | U | 120 | U | 120 | U |
| **Lead** | 1.2 | 1.2 | U | 1.2 | U | 1.2 | U | 1.2 | U |
| **Magnesium** | 200 | 200 | U | 200 | U | 200 | U | 200 | U |
| **Manganese** | 8.0 | 8.0 | U | 8.0 | U | 8.0 | U | 8.0 | U |
| **Nickel** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Potassium** | 200 | 200 | U | 200 | U | 200 | U | 200 | U |
| **Selenium** | 2.5 | 2.5 | U | 2.5 | U | 2.5 | U | 2.5 | U |
| **Silver** | 2.0 | 2.0 | U | 2.0 | U | 2.0 | U | 2.0 | U |
| **Sodium** | 500 | 500 | U | 500 | U | 500 | U | 500 | U |
| **Thallium** | 0.80 | 0.80 | U | 0.80 | U | 0.80 | U | 0.80 | U |
| **Vanadium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Zinc** | 16.0 | 16.0 | U | 16.0 | U | 16.0 | U | 16.0 | U |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | CCB 460-1020512/189 02/10/2025 18:21 | | CCB 460-1020512/200 02/10/2025 18:49 | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Aluminum** | 40.0 | 40.0 | U | 40.0 | U | | | | |
| **Antimony** | 2.0 | 2.0 | U | 2.0 | U | | | | |
| **Arsenic** | 2.0 | 2.0 | U | 2.0 | U | | | | |
| **Barium** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Beryllium** | 0.80 | 0.80 | U | 0.80 | U | | | | |
| **Cadmium** | 2.0 | 2.0 | U | 2.0 | U | | | | |
| **Calcium** | 500 | 500 | U | 500 | U | | | | |
| **Chromium** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Cobalt** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Copper** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Iron** | 120 | 120 | U | 120 | U | | | | |
| **Lead** | 1.2 | 1.2 | U | 1.2 | U | | | | |
| **Magnesium** | 200 | 200 | U | 200 | U | | | | |
| **Manganese** | 8.0 | 8.0 | U | 8.0 | U | | | | |
| **Nickel** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Potassium** | 200 | 200 | U | 200 | U | | | | |
| **Selenium** | 2.5 | 2.5 | U | 2.5 | U | | | | |
| **Silver** | 2.0 | 2.0 | U | 2.0 | U | | | | |
| **Sodium** | 500 | 500 | U | 500 | U | | | | |
| **Thallium** | 0.80 | 0.80 | U | 0.80 | U | | | | |
| **Vanadium** | 4.0 | 4.0 | U | 4.0 | U | | | | |
| **Zinc** | 16.0 | 16.0 | U | 16.0 | U | | | | |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | ICB 460-1020726/8 02/11/2025 09:35 | | CCB 460-1020726/20 02/11/2025 10:06 | | CCB 460-1020726/53 02/11/2025 11:36 | | CCB 460-1020726/62 02/11/2025 11:59 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Aluminum** | 200 | 200 | U | 200 | U | 200 | U | 200 | U |
| **Antimony** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | 10.0 | U |
| **Arsenic** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | 10.0 | U |
| **Barium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Beryllium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Cadmium** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | 10.0 | U |
| **Calcium** | 1000 | 1000 | U | 1000 | U | 1000 | U | 1000 | U |
| **Chromium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Cobalt** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Copper** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Iron** | 600 | 600 | U | 600 | U | 600 | U | 600 | U |
| **Lead** | 6.0 | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 | U |
| **Magnesium** | 1000 | 1000 | U | 1000 | U | 1000 | U | 1000 | U |
| **Manganese** | 40.0 | 40.0 | U | 40.0 | U | 40.0 | U | 40.0 | U |
| **Nickel** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Potassium** | 1000 | 1000 | U | 1000 | U | 1000 | U | 1000 | U |
| **Selenium** | 12.5 | 12.5 | U | 12.5 | U | 12.5 | U | 12.5 | U |
| **Silver** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | 10.0 | U |
| **Sodium** | 1000 | 1000 | U | 1000 | U | 1000 | U | 1000 | U |
| **Thallium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U |
| **Vanadium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | 20.0 | U |
| **Zinc** | 80.0 | 80.0 | U | 80.0 | U | 80.0 | U | 80.0 | U |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | CCB 460-1020726/74 02/11/2025 12:29 | | CCB 460-1020726/86 02/11/2025 13:05 | | CCB 460-1020726/190 02/11/2025 17:53 | | CCB 460-1020726/197 02/11/2025 18:18 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Aluminum** | 200 | 200 | U | 200 | U | 40.0 | U | 40.0 | U |
| **Antimony** | 10.0 | 10.0 | U | 10.0 | U | 2.0 | U | 2.0 | U |
| **Arsenic** | 10.0 | 10.0 | U | 10.0 | U | 2.0 | U | 2.0 | U |
| **Barium** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Beryllium** | 4.0 | 4.0 | U | 4.0 | U | 0.80 | U | 0.80 | U |
| **Cadmium** | 10.0 | 10.0 | U | 10.0 | U | 2.0 | U | 2.0 | U |
| **Calcium** | 1000 | 1000 | U | 1000 | U | 500 | U | 500 | U |
| **Chromium** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Cobalt** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Copper** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Iron** | 600 | 600 | U | 600 | U | 120 | U | 120 | U |
| **Lead** | 6.0 | 6.0 | U | 6.0 | U | 1.2 | U | 1.2 | U |
| **Magnesium** | 1000 | 1000 | U | 1000 | U | 200 | U | 200 | U |
| **Manganese** | 40.0 | 40.0 | U | 40.0 | U | 8.0 | U | 8.0 | U |
| **Nickel** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Potassium** | 1000 | 1000 | U | 1000 | U | 200 | U | 200 | U |
| **Selenium** | 12.5 | 12.5 | U | 12.5 | U | 2.5 | U | 2.5 | U |
| **Silver** | 10.0 | 10.0 | U | 10.0 | U | 2.0 | U | 2.0 | U |
| **Sodium** | 1000 | 1000 | U | 1000 | U | 500 | U | 500 | U |
| **Thallium** | 4.0 | 4.0 | U | 4.0 | U | 0.80 | U | 0.80 | U |
| **Vanadium** | 20.0 | 20.0 | U | 20.0 | U | 4.0 | U | 4.0 | U |
| **Zinc** | 80.0 | 80.0 | U | 80.0 | U | 16.0 | U | 16.0 | U |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | ICB 460-1020769/8 02/11/2025 20:36 | | CCB 460-1020769/16 02/11/2025 21:07 | | CCB 460-1020769/23 02/11/2025 21:25 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Aluminum** | 200 | 200 | U | 200 | U | 200 | U | | |
| **Antimony** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | | |
| **Arsenic** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | | |
| **Barium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Beryllium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | | |
| **Cadmium** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | | |
| **Calcium** | 1000 | 1000 | U | 1000 | U | 1000 | U | | |
| **Chromium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Cobalt** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Copper** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Iron** | 600 | 600 | U | 600 | U | 600 | U | | |
| **Lead** | 6.0 | 6.0 | U | 6.0 | U | 6.0 | U | | |
| **Magnesium** | 1000 | 1000 | U | 1000 | U | 1000 | U | | |
| **Manganese** | 40.0 | 40.0 | U | 40.0 | U | 40.0 | U | | |
| **Nickel** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Potassium** | 1000 | 1000 | U | 1000 | U | 1000 | U | | |
| **Selenium** | 12.5 | 12.5 | U | 12.5 | U | 12.5 | U | | |
| **Silver** | 10.0 | 10.0 | U | 10.0 | U | 10.0 | U | | |
| **Sodium** | 1000 | 1000 | U | 1000 | U | 1000 | U | | |
| **Thallium** | 4.0 | 4.0 | U | 4.0 | U | 4.0 | U | | |
| **Vanadium** | 20.0 | 20.0 | U | 20.0 | U | 20.0 | U | | |
| **Zinc** | 80.0 | 80.0 | U | 80.0 | U | 80.0 | U | | |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | ICB 460-1020443/8 02/10/2025 04:14 | | CCB 460-1020443/70 02/10/2025 06:05 | | CCB 460-1020443/82 02/10/2025 06:28 | | CCB 460-1020443/94 02/10/2025 06:51 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Mercury** | 0.20 | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | CCB 460-1020443/102 02/10/2025 07:05 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Mercury** | 0.20 | 0.20 | U | | | | | | |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | ICB 460-1020521/8 02/10/2025 13:44 | | CCB 460-1020521/75 02/10/2025 15:44 | | CCB 460-1020521/87 02/10/2025 16:05 | | CCB 460-1020521/99 02/10/2025 16:26 | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Mercury** | 0.20 | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U |

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L

| Analyte | RL | CCB 460-1020521/109 02/10/2025 16:43 | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Found | C | Found | C | Found | C | Found | C |
| **Mercury** | 0.20 | 0.20 | U | | | | | | |

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-1020447/1-A

Instrument Code: ICPMS4 Batch No.: 1020512

| CAS No. | Analyte | Concentration | C | Q | Method |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 40.0 | U | | 6020B |
| 7440-36-0 | Antimony | 2.0 | U | | 6020B |
| 7440-38-2 | Arsenic | 2.0 | U | | 6020B |
| 7440-39-3 | Barium | 4.0 | U | | 6020B |
| 7440-41-7 | Beryllium | 0.80 | U | | 6020B |
| 7440-43-9 | Cadmium | 2.0 | U | | 6020B |
| 7440-70-2 | Calcium | 500 | U | | 6020B |
| 7440-47-3 | Chromium | 4.0 | U | | 6020B |
| 7440-48-4 | Cobalt | 4.0 | U | | 6020B |
| 7440-50-8 | Copper | 4.0 | U | | 6020B |
| 7439-89-6 | Iron | 120 | U | | 6020B |
| 7439-92-1 | Lead | 1.2 | U | | 6020B |
| 7439-95-4 | Magnesium | 200 | U | | 6020B |
| 7439-96-5 | Manganese | 8.0 | U | | 6020B |
| 7440-02-0 | Nickel | 4.0 | U | | 6020B |
| 7440-09-7 | Potassium | 200 | U | | 6020B |
| 7782-49-2 | Selenium | 2.5 | U | | 6020B |
| 7440-22-4 | Silver | 2.0 | U | | 6020B |
| 7440-23-5 | Sodium | 500 | U | | 6020B |
| 7440-28-0 | Thallium | 0.80 | U | | 6020B |
| 7440-62-2 | Vanadium | 4.0 | U | | 6020B |
| 7440-66-6 | Zinc | 16.0 | U | | 6020B |

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-1020433/1-A

Instrument Code: ICPMS4 Batch No.: 1020726

| CAS No. | Analyte | Concentration | C | Q | Method |
|---|---|---|---|---|---|
| 7429-90-5 | Aluminum | 20.0 | U | | 6020B |
| 7440-36-0 | Antimony | 1.0 | U | | 6020B |
| 7440-38-2 | Arsenic | 1.0 | U | | 6020B |
| 7440-39-3 | Barium | 2.0 | U | | 6020B |
| 7440-41-7 | Beryllium | 0.40 | U | | 6020B |
| 7440-43-9 | Cadmium | 1.0 | U | | 6020B |
| 7440-70-2 | Calcium | 100 | U | | 6020B |
| 7440-47-3 | Chromium | 2.0 | U | | 6020B |
| 7440-48-4 | Cobalt | 2.0 | U | | 6020B |
| 7440-50-8 | Copper | 2.0 | U | | 6020B |
| 7439-89-6 | Iron | 60.0 | U | | 6020B |
| 7439-92-1 | Lead | 0.60 | U | | 6020B |
| 7439-95-4 | Magnesium | 100 | U | | 6020B |
| 7439-96-5 | Manganese | 4.0 | U | | 6020B |
| 7440-02-0 | Nickel | 2.0 | U | | 6020B |
| 7440-09-7 | Potassium | 100 | U | | 6020B |
| 7782-49-2 | Selenium | 1.3 | U | | 6020B |
| 7440-22-4 | Silver | 0.40 | U | | 6020B |
| 7440-23-5 | Sodium | 100 | U | | 6020B |
| 7440-28-0 | Thallium | 0.40 | U | | 6020B |
| 7440-62-2 | Vanadium | 2.0 | U | | 6020B |
| 7440-66-6 | Zinc | 8.0 | U | | 6020B |

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: ug/L Lab Sample ID: MB 460-1020501/1-A

Instrument Code: LEEMAN6 Batch No.: 1020521

| CAS No. | Analyte | Concentration | C | Q | Method |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.20 | U | | 7470A |

3-IN
METHOD BLANK
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Concentration Units: mg/Kg Lab Sample ID: MB 460-1020394/1-A

Instrument Code: LEEMAN6 Batch No.: 1020443

| CAS No. | Analyte | Concentration | C | Q | Method |
|---|---|---|---|---|---|
| 7439-97-6 | Mercury | 0.017 | U | | 7471B |

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSA 460-1020512/10  Instrument ID: ICPMS4

Lab File ID: 013ICSA.d  ICS Source: me_ICSA_00277

Concentration Units: ug/L

| Analyte | True Solution A | Found Solution A | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **101393** | **101** |
| **Antimony** | | **0.128** | |
| **Arsenic** | | **0.142** | |
| **Barium** | | **0.698** | |
| **Beryllium** | | **0.0160** | |
| **Cadmium** | | **0.197** | |
| **Calcium** | **100000** | **101303** | **101** |
| **Chromium** | | **0.382** | |
| **Cobalt** | | **0.396** | |
| **Copper** | | **0.398** | |
| **Iron** | **100000** | **101128** | **101** |
| **Lead** | | **0.250** | |
| **Magnesium** | **100000** | **104684** | **105** |
| **Manganese** | | **0.934** | |
| **Nickel** | | **0.100** | |
| **Potassium** | **100000** | **96604** | **97** |
| **Selenium** | | **0.111** | |
| **Silver** | | **0.0400** | |
| **Sodium** | **100000** | **101347** | **101** |
| **Thallium** | | **-0.0110** | |
| **Vanadium** | | **0.0530** | |
| **Zinc** | | **-2.54** | |
| *Boron* | | *3.21* | |
| *Molybdenum* | *2000* | *2046* | *102* |
| *Strontium* | | *0.837* | |
| *Tin* | | *0.362* | |
| *Titanium* | *2000* | *2094* | *105* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSAB 460-1020512/11  Instrument ID: ICPMS4

Lab File ID: 014ICSB.d  ICS Source: me_ICSAB_00237

Concentration Units: ug/L

| Analyte | True Solution AB | Found Solution AB | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **100562** | **101** |
| **Antimony** | **100** | **98.4** | **98** |
| **Arsenic** | **200** | **200** | **100** |
| **Barium** | **200** | **204** | **102** |
| **Beryllium** | **200** | **195** | **97** |
| **Cadmium** | **200** | **194** | **97** |
| **Calcium** | **100000** | **98903** | **99** |
| **Chromium** | **200** | **202** | **101** |
| **Cobalt** | **200** | **200** | **100** |
| **Copper** | **200** | **201** | **101** |
| **Iron** | **100000** | **99297** | **99** |
| **Lead** | **200** | **200** | **100** |
| **Magnesium** | **100000** | **104325** | **104** |
| **Manganese** | **200** | **195** | **98** |
| **Nickel** | **200** | **197** | **98** |
| **Potassium** | **100000** | **96259** | **96** |
| **Selenium** | **200** | **197** | **98** |
| **Silver** | **200** | **202** | **101** |
| **Sodium** | **100000** | **101428** | **101** |
| **Thallium** | **100** | **102** | **102** |
| **Vanadium** | **200** | **202** | **101** |
| **Zinc** | **200** | **198** | **99** |
| *Boron* | | *2.27* | |
| *Molybdenum* | *2000* | *2018* | *101* |
| *Strontium* | *200* | *206* | *103* |
| *Tin* | *200* | *202* | *101* |
| *Titanium* | *2000* | *2070* | *104* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSA 460-1020726/10  Instrument ID: ICPMS4

Lab File ID: 013ICSA.d  ICS Source: me_ICSA_00277

Concentration Units: ug/L

| Analyte | True Solution A | Found Solution A | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **102311** | **102** |
| **Antimony** | | **0.0660** | |
| **Arsenic** | | **0.149** | |
| **Barium** | | **0.744** | |
| **Beryllium** | | **0.0130** | |
| **Cadmium** | | **0.216** | |
| **Calcium** | **100000** | **102583** | **103** |
| **Chromium** | | **0.117** | |
| **Cobalt** | | **0.369** | |
| **Copper** | | **0.419** | |
| **Iron** | **100000** | **103023** | **103** |
| **Lead** | | **0.246** | |
| **Magnesium** | **100000** | **102626** | **103** |
| **Manganese** | | **0.798** | |
| **Nickel** | | **0.0910** | |
| **Potassium** | **100000** | **100078** | **100** |
| **Selenium** | | **0.187** | |
| **Silver** | | **0.0390** | |
| **Sodium** | **100000** | **103121** | **103** |
| **Thallium** | | **-0.0440** | |
| **Vanadium** | | **-0.0290** | |
| **Zinc** | | **2.00** | |
| *Boron* | | *3.53* | |
| *Molybdenum* | *2000* | *2072* | *104* |
| *Strontium* | | *1.07* | |
| *Tin* | | *0.0250* | |
| *Titanium* | *2000* | *2048* | *102* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSAB 460-1020726/11  Instrument ID: ICPMS4

Lab File ID: 014ICSB.d  ICS Source: me_ICSAB_00237

Concentration Units: ug/L

| Analyte | True Solution AB | Found Solution AB | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **100214** | **100** |
| **Antimony** | **100** | **102** | **102** |
| **Arsenic** | **200** | **201** | **100** |
| **Barium** | **200** | **200** | **100** |
| **Beryllium** | **200** | **191** | **96** |
| **Cadmium** | **200** | **196** | **98** |
| **Calcium** | **100000** | **102664** | **103** |
| **Chromium** | **200** | **202** | **101** |
| **Cobalt** | **200** | **199** | **99** |
| **Copper** | **200** | **200** | **100** |
| **Iron** | **100000** | **101651** | **102** |
| **Lead** | **200** | **203** | **101** |
| **Magnesium** | **100000** | **103143** | **103** |
| **Manganese** | **200** | **200** | **100** |
| **Nickel** | **200** | **202** | **101** |
| **Potassium** | **100000** | **98420** | **98** |
| **Selenium** | **200** | **198** | **99** |
| **Silver** | **200** | **203** | **101** |
| **Sodium** | **100000** | **101872** | **102** |
| **Thallium** | **100** | **102** | **102** |
| **Vanadium** | **200** | **202** | **101** |
| **Zinc** | **200** | **201** | |
| *Boron* | | *3.00* | |
| *Molybdenum* | *2000* | *2037* | *102* |
| *Strontium* | *200* | *201* | *101* |
| *Tin* | *200* | *203* | |
| *Titanium* | *2000* | *2030* | *102* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSA 460-1020769/10  Instrument ID: ICPMS4

Lab File ID: 013ICSA.d  ICS Source: me_ICSA_00277

Concentration Units: ug/L

| Analyte | True Solution A | Found Solution A | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **99038** | **99** |
| **Antimony** | | **0.0890** | |
| **Arsenic** | | **-0.695** | |
| **Barium** | | **0.544** | |
| **Beryllium** | | **0.0070** | |
| **Cadmium** | | **0.301** | |
| **Calcium** | **100000** | **98736** | **99** |
| **Chromium** | | **0.513** | |
| **Cobalt** | | **0.335** | |
| **Copper** | | **0.385** | |
| **Iron** | **100000** | **101167** | **101** |
| **Lead** | | **0.191** | |
| **Magnesium** | **100000** | **100343** | **100** |
| **Manganese** | | **0.846** | |
| **Nickel** | | **0.233** | |
| **Potassium** | **100000** | **101183** | **101** |
| **Selenium** | | **0.274** | |
| **Silver** | | **0.0280** | |
| **Sodium** | **100000** | **99326** | **99** |
| **Thallium** | | **0.0100** | |
| **Vanadium** | | **0.0050** | |
| **Zinc** | | **0.189** | |
| *Boron* | | *2.86* | |
| *Molybdenum* | *2000* | *1988* | *99* |
| *Strontium* | | *0.839* | |
| *Tin* | | *-0.161* | |
| *Titanium* | *2000* | *2035* | *102* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Lab Sample ID: ICSAB 460-1020769/11  Instrument ID: ICPMS4

Lab File ID: 014ICSB.d  ICS Source: me_ICSAB_00238

Concentration Units: ug/L

| Analyte | True Solution AB | Found Solution AB | Percent Recovery |
|---|---|---|---|
| **Aluminum** | **100000** | **97202** | **97** |
| **Antimony** | **100** | **97.6** | **98** |
| **Arsenic** | **200** | **198** | **99** |
| **Barium** | **200** | **203** | **102** |
| **Beryllium** | **200** | **196** | **98** |
| **Cadmium** | **200** | **190** | **95** |
| **Calcium** | **100000** | **97365** | **97** |
| **Chromium** | **200** | **196** | **98** |
| **Cobalt** | **200** | **195** | **97** |
| **Copper** | **200** | **194** | **97** |
| **Iron** | **100000** | **98425** | **98** |
| **Lead** | **200** | **198** | **99** |
| **Magnesium** | **100000** | **97376** | **97** |
| **Manganese** | **200** | **194** | **97** |
| **Nickel** | **200** | **197** | **98** |
| **Potassium** | **100000** | **100208** | **100** |
| **Selenium** | **200** | **193** | **96** |
| **Silver** | **200** | **196** | **98** |
| **Sodium** | **100000** | **97073** | **97** |
| **Thallium** | **100** | **100** | **100** |
| **Vanadium** | **200** | **197** | **99** |
| **Zinc** | **200** | **198** | |
| *Boron* | | *2.22* | |
| *Molybdenum* | *2000* | *1995* | *100* |
| *Strontium* | *200* | *203* | *101* |
| *Tin* | *200* | *195* | |
| *Titanium* | *2000* | *1973* | *99* |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM IVA-IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: RX-20-01_0-2 MS  Lab ID: 460-319954-3 MS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Matrix: Solid  Concentration Units: mg/Kg

% Solids: 99.1

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 0.135 | | 0.10 | | 0.0813 | 42 | 80-120 | N | 7471B |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-319481-E-10-G MS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

% Solids: 95.2

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 7253 | | 5810 | | 525 | 274 | 75-125 | 4 | 6020B |
| Antimony | 1.95 | | 1.1 | U | 5.25 | 37 | 75-125 | N | 6020B |
| Arsenic | 9.33 | | 1.3 | | 10.5 | 77 | 75-125 | | 6020B |
| Barium | 21.19 | | 9.1 | | 10.5 | 115 | 75-125 | | 6020B |
| Beryllium | 4.09 | | 0.11 | J | 5.25 | 76 | 75-125 | | 6020B |
| Cadmium | 4.33 | | 1.1 | U | 5.25 | 83 | 75-125 | | 6020B |
| Calcium | 1231 | | 660 | | 525 | 109 | 75-125 | | 6020B |
| Chromium | 17.81 | | 8.4 | | 10.5 | 90 | 75-125 | | 6020B |
| Cobalt | 6.93 | | 1.5 | J | 5.25 | 102 | 75-125 | | 6020B |
| Copper | 17.52 | | 8.6 | | 10.5 | 85 | 75-125 | | 6020B |
| Iron | 6704 | | 5990 | | 525 | 135 | 75-125 | 4 | 6020B |
| Lead | 9.22 | | 4.4 | | 5.25 | 92 | 75-125 | | 6020B |
| Magnesium | 1140 | | 589 | | 525 | 105 | 75-125 | | 6020B |
| Manganese | 71.20 | | 26.5 | | 52.5 | 85 | 75-125 | | 6020B |
| Nickel | 12.44 | | 3.4 | | 10.5 | 86 | 75-125 | | 6020B |
| Potassium | 815.5 | | 332 | | 525 | 92 | 75-125 | | 6020B |
| Selenium | 8.23 | | 0.14 | J | 10.5 | 77 | 75-125 | | 6020B |
| Silver | 5.29 | | 0.42 | U | 5.25 | 101 | 75-125 | | 6020B |
| Sodium | 496.8 | | 105 | U | 525 | 95 | 75-125 | | 6020B |
| Thallium | 3.63 | | 0.42 | U | 4.20 | 86 | 75-125 | | 6020B |
| Vanadium | 20.13 | | 10.4 | | 10.5 | 93 | 75-125 | | 6020B |
| Zinc | 55.28 | | 11.8 | | 52.5 | 83 | 75-125 | | 6020B |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-319953-A-11-C MS ^5

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 2807 | | 198 | J | 2500 | 104 | 75-125 | | 6020B |
| Antimony | 24.89 | | 10.0 | U | 25.0 | 100 | 75-125 | | 6020B |
| Arsenic | 51.16 | | 10.0 | U | 50.0 | 102 | 75-125 | | 6020B |
| Barium | 63.54 | | 12.0 | J | 50.0 | 103 | 75-125 | | 6020B |
| Beryllium | 24.20 | | 4.0 | U | 25.0 | 97 | 75-125 | | 6020B |
| Cadmium | 24.44 | | 10.0 | U | 25.0 | 98 | 75-125 | | 6020B |
| Calcium | 288800 | | 300000 | | 2500 | -465 | 75-125 | 4 | 6020B |
| Chromium | 48.84 | | 20.0 | U | 50.0 | 98 | 75-125 | | 6020B |
| Cobalt | 23.75 | | 20.0 | U | 25.0 | 95 | 75-125 | | 6020B |
| Copper | 48.69 | | 20.0 | U | 50.0 | 97 | 75-125 | | 6020B |
| Iron | 2863 | | 384 | J | 2500 | 99 | 75-125 | | 6020B |
| Lead | 25.96 | | 6.0 | U | 25.0 | 104 | 75-125 | | 6020B |
| Magnesium | 900900 | | 924000 | | 2500 | -939 | 75-125 | 4 | 6020B |
| Manganese | 261.1 | | 23.6 | J | 250 | 95 | 75-125 | | 6020B |
| Nickel | 44.23 | | 20.0 | U | 50.0 | 88 | 75-125 | | 6020B |
| Potassium | 273500 | | 281000 | | 2500 | -288 | 75-125 | 4 | 6020B |
| Selenium | 47.76 | | 12.5 | U | 50.0 | 96 | 75-125 | | 6020B |
| Silver | 23.26 | | 10.0 | U | 25.0 | 93 | 75-125 | | 6020B |
| Sodium | 7397000 | | 7670000 | | 2500 | -10883 | 75-125 | 4 | 6020B |
| Thallium | 19.88 | | 4.0 | U | 20.0 | 99 | 75-125 | | 6020B |
| Vanadium | 49.87 | | 20.0 | U | 50.0 | 100 | 75-125 | | 6020B |
| Zinc | 199.6 | | 80.0 | U | 250 | 80 | 75-125 | | 6020B |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-319695-D-4-C MS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.06 | | 0.20 | U | 1.00 | 106 | 75-125 | | 7470A |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VA - IN

5A-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-319695-D-4-D MSD

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

% Solids: _____

| Analyte | (SDR) | C | Spike Added (SA) | %R | Control Limit %R | RPD | RPD Limit | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Mercury | 1.03 | | 1.00 | 103 | 75-125 | 3 | 20 | | 7470A |

SDR = Sample Duplicate Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VD - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: Lab ID: 460-319481-E-10-E PDS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Matrix: Solid Concentration Units: mg/Kg

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 5949 | | 5810 | | 263 | NC | 75-125 | | 6020B |
| Antimony | 2.52 | | 1.1 | U | 2.63 | 96 | 75-125 | | 6020B |
| Arsenic | 6.35 | | 1.3 | | 5.25 | 96 | 75-125 | | 6020B |
| Barium | 13.88 | | 9.1 | | 5.25 | 91 | 75-125 | | 6020B |
| Beryllium | 2.54 | | 0.11 | J | 2.63 | 92 | 75-125 | | 6020B |
| Cadmium | 2.37 | | 1.1 | U | 2.63 | 90 | 75-125 | | 6020B |
| Calcium | 907.4 | | 660 | | 263 | 94 | 75-125 | | 6020B |
| Chromium | 13.24 | | 8.4 | | 5.25 | 93 | 75-125 | | 6020B |
| Cobalt | 4.01 | | 1.5 | J | 2.63 | 94 | 75-125 | | 6020B |
| Copper | 13.49 | | 8.6 | | 5.25 | 92 | 75-125 | | 6020B |
| Iron | 6279 | | 5990 | | 263 | NC | 75-125 | | 6020B |
| Lead | 6.88 | | 4.4 | | 2.63 | 96 | 75-125 | | 6020B |
| Magnesium | 854.0 | | 589 | | 263 | 101 | 75-125 | | 6020B |
| Manganese | 50.98 | | 26.5 | | 26.3 | 93 | 75-125 | | 6020B |
| Nickel | 8.45 | | 3.4 | | 5.25 | 97 | 75-125 | | 6020B |
| Potassium | 586.3 | | 332 | | 263 | 97 | 75-125 | | 6020B |
| Selenium | 5.29 | | 0.14 | J | 5.25 | 98 | 75-125 | | 6020B |
| Silver | 2.49 | | 0.42 | U | 2.63 | 95 | 75-125 | | 6020B |
| Sodium | 298.2 | | 105 | U | 263 | 114 | 75-125 | | 6020B |
| Thallium | 2.03 | | 0.42 | U | 2.10 | 96 | 75-125 | | 6020B |
| Vanadium | 15.31 | | 10.4 | | 5.25 | 94 | 75-125 | | 6020B |
| Zinc | 36.61 | | 11.8 | | 26.3 | 94 | 75-125 | | 6020B |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM VB - IN

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-319953-A-11-A PDS ^5

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: _____

Matrix: Water Concentration Units: ug/L

| Analyte | SSR | C | Sample Result (SR) | C | Spike Added (SA) | %R | Control Limit %R | Q | Method |
|---|---|---|---|---|---|---|---|---|---|
| Aluminum | 12540 | | 198 | J | 12500 | 99 | 75-125 | | 6020B |
| Antimony | 120.8 | | 10.0 | U | 125 | 97 | 75-125 | | 6020B |
| Arsenic | 251.6 | | 10.0 | U | 250 | 101 | 75-125 | | 6020B |
| Barium | 260.8 | | 12.0 | J | 250 | 100 | 75-125 | | 6020B |
| Beryllium | 113.2 | | 4.0 | U | 125 | 91 | 75-125 | | 6020B |
| Cadmium | 114.4 | | 10.0 | U | 125 | 92 | 75-125 | | 6020B |
| Calcium | 300600 | | 300000 | | 12500 | NC | 75-125 | | 6020B |
| Chromium | 237.7 | | 20.0 | U | 250 | 95 | 75-125 | | 6020B |
| Cobalt | 117.6 | | 20.0 | U | 125 | 94 | 75-125 | | 6020B |
| Copper | 233.2 | | 20.0 | U | 250 | 93 | 75-125 | | 6020B |
| Iron | 12400 | | 384 | J | 12500 | 96 | 75-125 | | 6020B |
| Lead | 125.2 | | 6.0 | U | 125 | 100 | 75-125 | | 6020B |
| Magnesium | 915000 | | 924000 | | 12500 | NC | 75-125 | | 6020B |
| Manganese | 1203 | | 23.6 | J | 1250 | 94 | 75-125 | | 6020B |
| Nickel | 228.0 | | 20.0 | U | 250 | 91 | 75-125 | | 6020B |
| Potassium | 289300 | | 281000 | | 12500 | NC | 75-125 | | 6020B |
| Selenium | 244.6 | | 12.5 | U | 250 | 98 | 75-125 | | 6020B |
| Silver | 115.6 | | 10.0 | U | 125 | 93 | 75-125 | | 6020B |
| Sodium | 7954000 | | 7670000 | | 50000 | NC | 75-125 | | 6020B |
| Thallium | 98.89 | | 4.0 | U | 100 | 99 | 75-125 | | 6020B |
| Vanadium | 254.0 | | 20.0 | U | 250 | 102 | 75-125 | | 6020B |
| Zinc | 1164 | | 80.0 | U | 1250 | 93 | 75-125 | | 6020B |

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VB - IN

6-IN
DUPLICATES
METALS

Client ID: RX-20-01_0-2 DU | Lab ID: 460-319954-3 DU

Lab Name: Eurofins Edison | Job No.: 460-319954-1

SDG No.:

% Solids for Sample: 99.1 | % Solids for Duplicate: 99.1

Matrix: Solid | Concentration Units: mg/Kg

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | Method |
|---|---|---|---|---|---|---|---|---|
| Mercury | 0.017 | 0.10 | | 0.0996 | | 2 | | 7471B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-319481-E-10-F DU

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

% Solids for Sample: 95.2 % Solids for Duplicate: 95.2

Matrix: Solid Concentration Units: mg/Kg

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | Method |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 21.0 | 5810 | | 5693 | | 2 | | 6020B |
| Antimony | 1.1 | 1.1 | U | 1.1 | U | NC | | 6020B |
| Arsenic | 1.1 | 1.3 | | 1.59 | | 21 | | 6020B |
| Barium | 2.1 | 9.1 | | 7.56 | | 18 | | 6020B |
| Beryllium | 0.42 | 0.11 | J | 0.106 | J | 2 | | 6020B |
| Cadmium | 1.1 | 1.1 | U | 1.1 | U | NC | | 6020B |
| Calcium | 105 | 660 | | 718.7 | | 9 | | 6020B |
| Chromium | 2.1 | 8.4 | | 10.08 | | 19 | | 6020B |
| Cobalt | 2.1 | 1.5 | J | 1.13 | J | 31 | | 6020B |
| Copper | 2.1 | 8.6 | | 8.32 | | 4 | | 6020B |
| Iron | 63.0 | 5990 | | 6661 | | 11 | | 6020B |
| Lead | 0.63 | 4.4 | | 4.48 | | 2 | | 6020B |
| Magnesium | 105 | 589 | | 479.3 | | 21 | * | 6020B |
| Manganese | 4.2 | 26.5 | | 28.86 | | 9 | | 6020B |
| Nickel | 2.1 | 3.4 | | 3.20 | | 5 | | 6020B |
| Potassium | 105 | 332 | | 343.9 | | 3 | | 6020B |
| Selenium | 1.3 | 0.14 | J | 0.144 | J | 6 | | 6020B |
| Silver | 0.42 | 0.42 | U | 0.42 | U | NC | | 6020B |
| Sodium | 105 | 105 | U | 105 | U | NC | | 6020B |
| Thallium | 0.42 | 0.42 | U | 0.42 | U | NC | | 6020B |
| Vanadium | 2.1 | 10.4 | | 11.17 | | 7 | | 6020B |
| Zinc | 8.4 | 11.8 | | 14.81 | | 22 | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS - TOTAL RECOVERABLE

Client ID: _____ Lab ID: 460-319953-A-11-B DU ^5

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: _____

% Solids for Sample: _____ % Solids for Duplicate: _____

Matrix: Water Concentration Units: ug/L

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | Method |
|---|---|---|---|---|---|---|---|---|
| Aluminum | 200 | 198 | J | 212.0 | | 7 | | 6020B |
| Antimony | 10.0 | 10.0 | U | 10.0 | U | NC | | 6020B |
| Arsenic | 10.0 | 10.0 | U | 10.0 | U | NC | | 6020B |
| Barium | 20.0 | 12.0 | J | 11.04 | J | 8 | | 6020B |
| Beryllium | 4.0 | 4.0 | U | 4.0 | U | NC | | 6020B |
| Cadmium | 10.0 | 10.0 | U | 10.0 | U | NC | | 6020B |
| Calcium | 2500 | 300000 | | 288700 | | 4 | | 6020B |
| Chromium | 20.0 | 20.0 | U | 20.0 | U | NC | | 6020B |
| Cobalt | 20.0 | 20.0 | U | 20.0 | U | NC | | 6020B |
| Copper | 20.0 | 20.0 | U | 20.0 | U | NC | | 6020B |
| Iron | 600 | 384 | J | 406.4 | J | 6 | | 6020B |
| Lead | 6.0 | 6.0 | U | 6.0 | U | NC | | 6020B |
| Magnesium | 1000 | 924000 | | 913800 | | 1 | | 6020B |
| Manganese | 40.0 | 23.6 | J | 23.14 | J | 2 | | 6020B |
| Nickel | 20.0 | 20.0 | U | 20.0 | U | NC | | 6020B |
| Potassium | 1000 | 281000 | | 275400 | | 2 | | 6020B |
| Selenium | 12.5 | 12.5 | U | 12.5 | U | NC | | 6020B |
| Silver | 10.0 | 10.0 | U | 10.0 | U | NC | | 6020B |
| Sodium | 10000 | 7670000 | | 7480000 | | 2 | | 6020B |
| Thallium | 4.0 | 4.0 | U | 4.0 | U | NC | | 6020B |
| Vanadium | 20.0 | 20.0 | U | 20.0 | U | NC | | 6020B |
| Zinc | 80.0 | 80.0 | U | 80.0 | U | NC | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: Lab ID: 460-319695-D-4-B DU

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

% Solids for Sample: % Solids for Duplicate:

Matrix: Water Concentration Units: ug/L

| Analyte | Control Limit | Sample (S) | C | Duplicate (D) | C | RPD | Q | Method |
|---|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | 0.20 | U | 0.20 | U | NC | | 7470A |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020512/12

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source:

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | | 40.0 | U | | | | | 6020B |
| Antimony | | 2.0 | U | | | | | 6020B |
| Arsenic | 5000 | 5130 | | 103 | 90 | 110 | | 6020B |
| Barium | 20000 | 20420 | | 102 | 90 | 110 | | 6020B |
| Beryllium | 2000 | 2012 | | 101 | 90 | 110 | | 6020B |
| Cadmium | 5000 | 4951 | | 99 | 90 | 110 | | 6020B |
| Calcium | | 500 | U | | | | | 6020B |
| Chromium | 20000 | 20120 | | 101 | 90 | 110 | | 6020B |
| Cobalt | 2000 | 2105 | | 105 | 90 | 110 | | 6020B |
| Copper | 20000 | 21410 | | 107 | 90 | 110 | | 6020B |
| Iron | | 36.09 | J | | | | | 6020B |
| Lead | 20000 | 21340 | | 107 | 90 | 110 | | 6020B |
| Magnesium | | 200 | U | | | | | 6020B |
| Manganese | 20000 | 20030 | | 100 | 90 | 110 | | 6020B |
| Nickel | 20000 | 21360 | | 107 | 90 | 110 | | 6020B |
| Potassium | | 200 | U | | | | | 6020B |
| Selenium | | 2.5 | U | | | | | 6020B |
| Silver | | 2.0 | U | | | | | 6020B |
| Sodium | | 500 | U | | | | | 6020B |
| Thallium | 1000 | 1096 | | 110 | 90 | 110 | | 6020B |
| Vanadium | 5000 | 5133 | | 103 | 90 | 110 | | 6020B |
| Zinc | 20000 | 21320 | | 107 | 90 | 110 | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020512/13

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source: me_LR-B_00030

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | 500000 | 497200 | | 99 | 90 | 110 | | 6020B |
| Antimony | | 0.771 | J | | | | | 6020B |
| Arsenic | | 1.62 | J | | | | | 6020B |
| Barium | | 4.57 | | | | | | 6020B |
| Beryllium | | 0.264 | J | | | | | 6020B |
| Cadmium | | 0.386 | J | | | | | 6020B |
| Calcium | | 69.49 | J | | | | | 6020B |
| Chromium | | 3.43 | J | | | | | 6020B |
| Cobalt | | 1.66 | J | | | | | 6020B |
| Copper | | 2.47 | J | | | | | 6020B |
| Iron | 500000 | 476300 | | 95 | 90 | 110 | | 6020B |
| Lead | | 2.49 | | | | | | 6020B |
| Magnesium | 500000 | 488500 | | 98 | 90 | 110 | | 6020B |
| Manganese | | 6.03 | J | | | | | 6020B |
| Nickel | | 2.06 | J | | | | | 6020B |
| Potassium | 500000 | 475100 | | 95 | 90 | 110 | | 6020B |
| Selenium | | 2.5 | U | | | | | 6020B |
| Silver | | 2.0 | U | | | | | 6020B |
| Sodium | 500000 | 503500 | | 101 | 90 | 110 | | 6020B |
| Thallium | | 0.80 | U | | | | | 6020B |
| Vanadium | | 4.0 | U | | | | | 6020B |
| Zinc | | 16.0 | U | | | | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020512/14

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source:

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | | 12.66 | J | | | | | 6020B |
| Antimony | 1000 | 1017 | | 102 | 90 | 110 | | 6020B |
| Arsenic | | 2.0 | U | | | | | 6020B |
| Barium | | 3.07 | J | | | | | 6020B |
| Beryllium | | 0.80 | U | | | | | 6020B |
| Cadmium | | 2.0 | U | | | | | 6020B |
| Calcium | 1000000 | 1021000 | | 102 | 90 | 110 | | 6020B |
| Chromium | | 4.0 | U | | | | | 6020B |
| Cobalt | | 4.0 | U | | | | | 6020B |
| Copper | | 4.0 | U | | | | | 6020B |
| Iron | | 120 | U | | | | | 6020B |
| Lead | | 0.799 | J | | | | | 6020B |
| Magnesium | | 78.27 | J | | | | | 6020B |
| Manganese | | 8.0 | U | | | | | 6020B |
| Nickel | | 4.0 | U | | | | | 6020B |
| Potassium | | 200 | U | | | | | 6020B |
| Selenium | 3000 | 2987 | | 100 | 90 | 110 | | 6020B |
| Silver | 1000 | 1040 | | 104 | 90 | 110 | | 6020B |
| Sodium | | 500 | U | | | | | 6020B |
| Thallium | | 0.80 | U | | | | | 6020B |
| Vanadium | | 4.0 | U | | | | | 6020B |
| Zinc | | 16.0 | U | | | | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS - TOTAL RECOVERABLE

Lab ID: LCS 460-1020447/2-A

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix: Water  LCS Source: ME_ipmsSPK_00055

| Analyte | Water(ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | 2500 | 2578 | | 103 | 80 | 120 | | 6020B |
| Antimony | 25.0 | 25.43 | | 102 | 80 | 120 | | 6020B |
| Arsenic | 50.0 | 49.93 | | 100 | 80 | 120 | | 6020B |
| Barium | 50.0 | 51.03 | | 102 | 80 | 120 | | 6020B |
| Beryllium | 25.0 | 23.58 | | 94 | 80 | 120 | | 6020B |
| Cadmium | 25.0 | 24.74 | | 99 | 80 | 120 | | 6020B |
| Calcium | 2500 | 2496 | | 100 | 80 | 120 | | 6020B |
| Chromium | 50.0 | 49.43 | | 99 | 80 | 120 | | 6020B |
| Cobalt | 25.0 | 25.55 | | 102 | 80 | 120 | | 6020B |
| Copper | 50.0 | 52.44 | | 105 | 80 | 120 | | 6020B |
| Iron | 2500 | 2525 | | 101 | 80 | 120 | | 6020B |
| Lead | 25.0 | 25.10 | | 100 | 80 | 120 | | 6020B |
| Magnesium | 2500 | 2620 | | 105 | 80 | 120 | | 6020B |
| Manganese | 250 | 251.3 | | 101 | 80 | 120 | | 6020B |
| Nickel | 50.0 | 49.59 | | 99 | 80 | 120 | | 6020B |
| Potassium | 2500 | 2534 | | 101 | 80 | 120 | | 6020B |
| Selenium | 50.0 | 49.84 | | 100 | 80 | 120 | | 6020B |
| Silver | 25.0 | 25.51 | | 102 | 80 | 120 | | 6020B |
| Sodium | 2500 | 2567 | | 103 | 80 | 120 | | 6020B |
| Thallium | 20.0 | 20.07 | | 100 | 80 | 120 | | 6020B |
| Vanadium | 50.0 | 50.47 | | 101 | 80 | 120 | | 6020B |
| Zinc | 250 | 242.4 | | 97 | 80 | 120 | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020726/12

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source:

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | | 200 | U | | | | | 6020B |
| Antimony | | 10.0 | U | | | | | 6020B |
| Arsenic | 5000 | 5170 | | 103 | 90 | 110 | | 6020B |
| Barium | 20000 | 19740 | | 99 | 90 | 110 | | 6020B |
| Beryllium | 2000 | 1900 | | 95 | 90 | 110 | | 6020B |
| Cadmium | 5000 | 4998 | | 100 | 90 | 110 | | 6020B |
| Calcium | | 1000 | U | | | | | 6020B |
| Chromium | 20000 | 20260 | | 101 | 90 | 110 | | 6020B |
| Cobalt | 2000 | 2098 | | 105 | 90 | 110 | | 6020B |
| Copper | 20000 | 21230 | | 106 | 90 | 110 | | 6020B |
| Iron | | 600 | U | | | | | 6020B |
| Lead | 20000 | 21380 | | 107 | 90 | 110 | | 6020B |
| Magnesium | | 1000 | U | | | | | 6020B |
| Manganese | 20000 | 20240 | | 101 | 90 | 110 | | 6020B |
| Nickel | 20000 | 21510 | | 108 | 90 | 110 | | 6020B |
| Potassium | | 1000 | U | | | | | 6020B |
| Selenium | | 12.5 | U | | | | | 6020B |
| Silver | | 10.0 | U | | | | | 6020B |
| Sodium | | 1000 | U | | | | | 6020B |
| Thallium | 1000 | 1098 | | 110 | 90 | 110 | | 6020B |
| Vanadium | 5000 | 5144 | | 103 | 90 | 110 | | 6020B |
| Zinc | 20000 | 21200 | | 106 | 90 | 110 | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020726/13

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source: me_LR-B_00030

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | 500000 | 513700 | | 103 | 90 | 110 | | 6020B |
| Antimony | | 10.0 | U | | | | | 6020B |
| Arsenic | | 1.75 | J | | | | | 6020B |
| Barium | | 4.04 | J | | | | | 6020B |
| Beryllium | | 4.0 | U | | | | | 6020B |
| Cadmium | | 10.0 | U | | | | | 6020B |
| Calcium | | 1000 | U | | | | | 6020B |
| Chromium | | 20.0 | U | | | | | 6020B |
| Cobalt | | 1.58 | J | | | | | 6020B |
| Copper | | 20.0 | U | | | | | 6020B |
| Iron | 500000 | 499900 | | 100 | 90 | 110 | | 6020B |
| Lead | | 6.0 | U | | | | | 6020B |
| Magnesium | 500000 | 497600 | | 100 | 90 | 110 | | 6020B |
| Manganese | | 4.18 | J | | | | | 6020B |
| Nickel | | 20.0 | U | | | | | 6020B |
| Potassium | 500000 | 487200 | | 97 | 90 | 110 | | 6020B |
| Selenium | | 12.5 | U | | | | | 6020B |
| Silver | | 10.0 | U | | | | | 6020B |
| Sodium | 500000 | 513100 | | 103 | 90 | 110 | | 6020B |
| Thallium | | 4.0 | U | | | | | 6020B |
| Vanadium | | 20.0 | U | | | | | 6020B |
| Zinc | | 80.0 | U | | | | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 460-1020726/14

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix:  LCS Source:

| Analyte | (ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | | 200 | U | | | | | 6020B |
| Antimony | 1000 | 1024 | | 102 | 90 | 110 | | 6020B |
| Arsenic | | 10.0 | U | | | | | 6020B |
| Barium | | 3.01 | J | | | | | 6020B |
| Beryllium | | 4.0 | U | | | | | 6020B |
| Cadmium | | 10.0 | U | | | | | 6020B |
| Calcium | 1000000 | 1041000 | | 104 | 90 | 110 | | 6020B |
| Chromium | | 20.0 | U | | | | | 6020B |
| Cobalt | | 20.0 | U | | | | | 6020B |
| Copper | | 20.0 | U | | | | | 6020B |
| Iron | | 600 | U | | | | | 6020B |
| Lead | | 6.0 | U | | | | | 6020B |
| Magnesium | | 1000 | U | | | | | 6020B |
| Manganese | | 40.0 | U | | | | | 6020B |
| Nickel | | 20.0 | U | | | | | 6020B |
| Potassium | | 1000 | U | | | | | 6020B |
| Selenium | 3000 | 3031 | | 101 | 90 | 110 | | 6020B |
| Silver | 1000 | 1017 | | 102 | 90 | 110 | | 6020B |
| Sodium | | 1000 | U | | | | | 6020B |
| Thallium | | 4.0 | U | | | | | 6020B |
| Vanadium | | 20.0 | U | | | | | 6020B |
| Zinc | | 80.0 | U | | | | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-1020433/2-A ^3

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix: Solid  LCS Source: ME_LCSS_124_00003

| Analyte | Solid(mg/Kg) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Aluminum | 5940 | 5245 | | 88.3 | 46.1 | 153.9 | | 6020B |
| Antimony | 121 | 73.26 | | 60.5 | 0.1 | 200.8 | | 6020B |
| Arsenic | 242 | 235.0 | | 97.1 | 81.8 | 118.6 | | 6020B |
| Barium | 295 | 274.0 | | 92.9 | 81.7 | 118.3 | | 6020B |
| Beryllium | 160 | 133.2 | | 83.3 | 82.5 | 117.5 | | 6020B |
| Cadmium | 84.3 | 74.91 | | 88.9 | 82.2 | 117.8 | | 6020B |
| Calcium | 5270 | 4762 | | 90.4 | 82.5 | 117.5 | | 6020B |
| Chromium | 213 | 199.2 | | 93.5 | 81.2 | 119.2 | | 6020B |
| Cobalt | 137 | 128.4 | | 93.8 | 83.2 | 117.5 | | 6020B |
| Copper | 195 | 184.7 | | 94.7 | 83.1 | 116.9 | | 6020B |
| Iron | 6650 | 5867 | | 88.2 | 58.6 | 141.5 | | 6020B |
| Lead | 194 | 177.3 | | 91.4 | 82.0 | 118.6 | | 6020B |
| Magnesium | 1860 | 1645 | | 88.4 | 75.3 | 124.2 | | 6020B |
| Manganese | 264 | 237.6 | | 90.0 | 80.7 | 118.9 | | 6020B |
| Nickel | 298 | 280.2 | | 94.0 | 82.2 | 117.8 | | 6020B |
| Potassium | 2010 | 1843 | | 91.7 | 70.6 | 129.4 | | 6020B |
| Selenium | 272 | 253.1 | | 93.1 | 80.1 | 119.5 | | 6020B |
| Silver | 76.7 | 69.44 | | 90.5 | 79.5 | 120.5 | | 6020B |
| Sodium | 406 | 362.5 | | 89.3 | 74.9 | 124.9 | | 6020B |
| Thallium | 108 | 102.0 | | 94.4 | 80.0 | 119.4 | | 6020B |
| Vanadium | 169 | 155.8 | | 92.2 | 78.1 | 122.5 | | 6020B |
| Zinc | 236 | 223.9 | | 94.9 | 80.1 | 120.3 | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-1020501/2-A

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix: Water  LCS Source: ME_DCAL-IN_04764

| Analyte | Water(ug/L) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Mercury | 1.00 | 1.06 | | 106 | 80 | 120 | | 7470A |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-1020394/2-A ^40

Lab Name: Eurofins Edison  Job No.: 460-319954-1

Sample Matrix: Solid  LCS Source: ME_LCSS_124_00003

| Analyte | Solid(mg/Kg) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | True | Found | C | %R | Limits | | Q | Method |
| Mercury | 22.8 | 25.15 | | 110.3 | 70.6 | 129.4 | | 7471B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-319481-E-10-E SD ^5

SDG No:

Lab Name: Eurofins Edison  Job No: 460-319954-1

Matrix: Solid  Concentration Units: mg/Kg

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | Method |
|---|---|---|---|---|---|---|---|
| Aluminum | 5810 | | 5788 | | 0.40 | | 6020B |
| Antimony | 1.1 | U | 5.3 | U | NC | | 6020B |
| Arsenic | 1.3 | | 1.54 | J | NC | | 6020B |
| Barium | 9.1 | | 8.98 | J | NC | | 6020B |
| Beryllium | 0.11 | J | 2.1 | U | NC | | 6020B |
| Cadmium | 1.1 | U | 5.3 | U | NC | | 6020B |
| Calcium | 660 | | 692.2 | | NC | | 6020B |
| Chromium | 8.4 | | 8.58 | J | NC | | 6020B |
| Cobalt | 1.5 | J | 1.64 | J | NC | | 6020B |
| Copper | 8.6 | | 8.77 | J | NC | | 6020B |
| Iron | 5990 | | 6181 | | NC | | 6020B |
| Lead | 4.4 | | 4.34 | | NC | | 6020B |
| Magnesium | 589 | | 598.3 | | NC | | 6020B |
| Manganese | 26.5 | | 27.49 | | NC | | 6020B |
| Nickel | 3.4 | | 3.54 | J | NC | | 6020B |
| Potassium | 332 | | 347.3 | J | NC | | 6020B |
| Selenium | 0.14 | J | 6.6 | U | NC | | 6020B |
| Silver | 0.42 | U | 2.1 | U | NC | | 6020B |
| Sodium | 105 | U | 525 | U | NC | | 6020B |
| Thallium | 0.42 | U | 2.1 | U | NC | | 6020B |
| Vanadium | 10.4 | | 10.52 | | NC | | 6020B |
| Zinc | 11.8 | | 42.0 | U | NC | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS - TOTAL RECOVERABLE

Lab ID: 460-319953-A-11-A SD ^25

SDG No:

Lab Name: Eurofins Edison Job No: 460-319954-1

Matrix: Water Concentration Units: ug/L

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | Method |
|---|---|---|---|---|---|---|---|
| Aluminum | 198 | J | 1000 | U | NC | | 6020B |
| Antimony | 10.0 | U | 50.0 | U | NC | | 6020B |
| Arsenic | 10.0 | U | 50.0 | U | NC | | 6020B |
| Barium | 12.0 | J | 100 | U | NC | | 6020B |
| Beryllium | 4.0 | U | 20.0 | U | NC | | 6020B |
| Cadmium | 10.0 | U | 50.0 | U | NC | | 6020B |
| Calcium | 300000 | | 297600 | | NC | | 6020B |
| Chromium | 20.0 | U | 100 | U | NC | | 6020B |
| Cobalt | 20.0 | U | 100 | U | NC | | 6020B |
| Copper | 20.0 | U | 100 | U | NC | | 6020B |
| Iron | 384 | J | 3000 | U | NC | | 6020B |
| Lead | 6.0 | U | 30.0 | U | NC | | 6020B |
| Magnesium | 924000 | | 912500 | | 1.3 | | 6020B |
| Manganese | 23.6 | J | 27.23 | J | NC | | 6020B |
| Nickel | 20.0 | U | 100 | U | NC | | 6020B |
| Potassium | 281000 | | 275100 | | 2.0 | | 6020B |
| Selenium | 12.5 | U | 62.5 | U | NC | | 6020B |
| Silver | 10.0 | U | 50.0 | U | NC | | 6020B |
| Sodium | 7670000 | | 8112000 | | 5.8 | | 6020B |
| Thallium | 4.0 | U | 20.0 | U | NC | | 6020B |
| Vanadium | 20.0 | U | 100 | U | NC | | 6020B |
| Zinc | 80.0 | U | 400 | U | NC | | 6020B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-319954-3

SDG No:

Lab Name: Eurofins Edison Job No: 460-319954-1

Matrix: Solid Concentration Units: mg/Kg

| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | Method |
|---|---|---|---|---|---|---|---|
| Mercury | 0.10 | | 0.109 | | NC | | 7471B |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

8-IN
ICP-AES AND ICP-MS SERIAL DILUTIONS
METALS

Lab ID: 460-319695-D-4-A SD ^5

SDG No:

Lab Name: Eurofins Edison  Job No: 460-319954-1

Matrix: Water  Concentration Units: ug/L

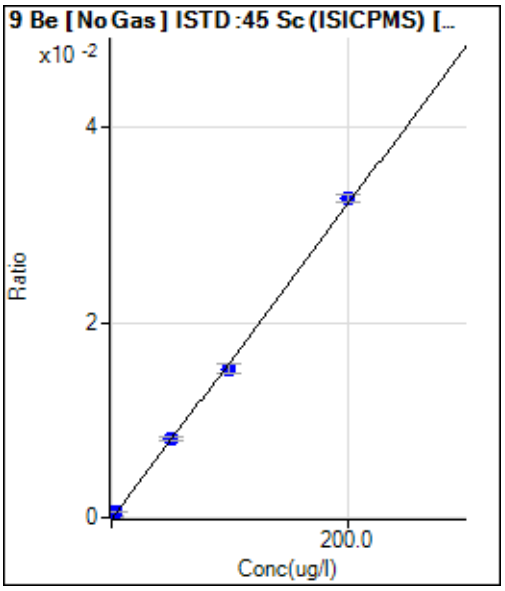
| Analyte | Initial Sample Result (I) | C | Serial Dilution Result (S) | C | % Difference | Q | Method |
|---|---|---|---|---|---|---|---|
| Mercury | 0.20 | U | 1.0 | U | NC | | 7470A |

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIII-IN

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021025.b\
Analysis File: NM021025.batch.bin
DA Date-Time: 2025-02-10 10:45:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

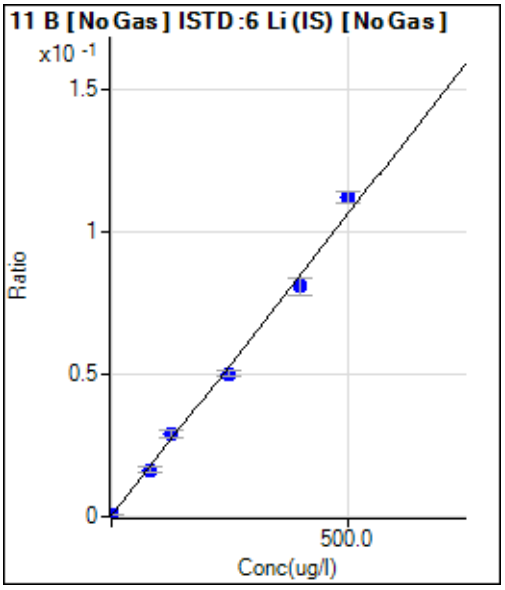
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-10 09:35:49 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-10 09:38:52 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-10 09:41:39 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-10 09:44:25 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-10 09:47:08 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-10 09:49:52 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 5.0 | |
| 2 | ☐ | 0.800 | 0.743 | 765.58 | 0.0001 | P | 9.8 | -7.1 |
| 3 | ☐ | 4.000 | 3.769 | 3790.53 | 0.0006 | P | 6.4 | -5.8 |
| 4 | ☐ | 50.000 | 50.155 | 49533.89 | 0.0081 | P | 4.6 | 0.3 |
| 5 | ☐ | 100.000 | 94.492 | 99759.90 | 0.0153 | P | 5.6 | -5.5 |
| 6 | ☐ | 200.000 | 202.720 | 196907.31 | 0.0328 | P | 2.6 | 1.4 |

y = 1.6172E-004 * x + 5.3560E-007
R = 0.9994
DL = 0.0005007 ug/l
BEC = 0.003312 ug/l

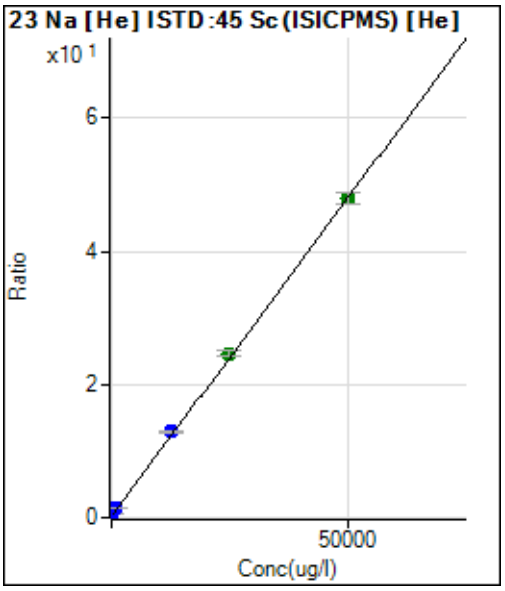
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2961.44 | 0.0009 | P | 5.6 | |
| 2 | ☐ | 80.000 | 73.725 | 55371.33 | 0.0165 | P | 9.4 | -7.8 |
| 3 | ☐ | 400.000 | 378.294 | 263356.02 | 0.0810 | P | 7.6 | -5.4 |
| 4 | ☐ | 125.000 | 131.805 | 89087.72 | 0.0288 | P | 8.6 | 5.4 |
| 5 | ☐ | 250.000 | 232.408 | 170089.62 | 0.0501 | P | 3.8 | -7.0 |
| 6 | ☐ | 500.000 | 525.464 | 335190.15 | 0.1122 | P | 3.6 | 5.1 |

y = 2.1174E-004 * x + 9.2377E-004
R = 0.9963
DL = 0.7388 ug/l
BEC = 4.363 ug/l

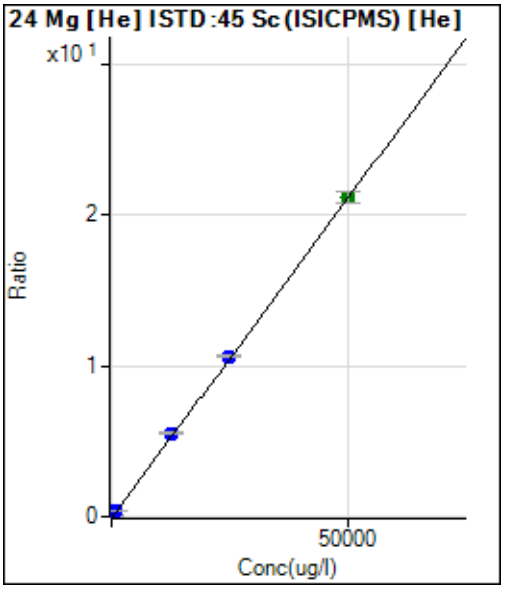
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22966.66 | 0.4424 | P | 1.2 | |
| 2 | ☐ | 200.000 | 203.874 | 32701.47 | 0.6375 | P | 2.5 | 1.9 |
| 3 | ☐ | 1000.000 | 1034.174 | 73511.16 | 1.4319 | P | 1.1 | 3.4 |
| 4 | ☐ | 12500.00 | 13049.15 | 656262.90 | 12.927 | P | 1.9 | 4.4 |
| 5 | ☐ | 25000.00 | 25326.06 | 1281111.60 | 24.673 | A | 3.1 | 1.3 |
| 6 | ☐ | 50000.00 | 49698.97 | 2498446.21 | 47.992 | A | 3.2 | -0.6 |

y = 9.5676E-004 * x + 0.4424
R = 0.9999
DL = 16.69 ug/l
BEC = 462.4 ug/l

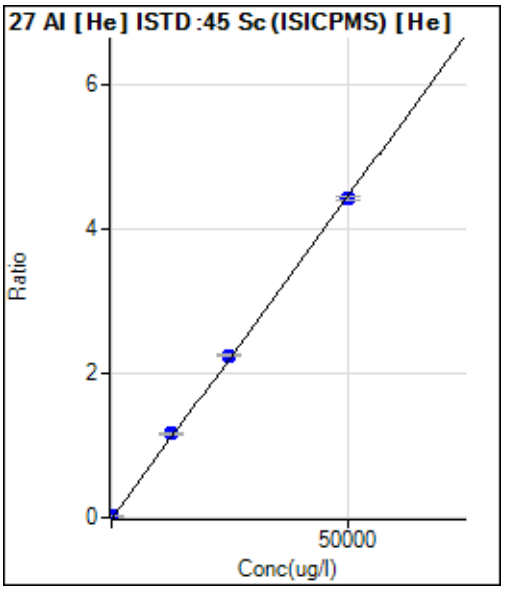
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0017 | P | 16.3 | |
| 2 | ☐ | 200.000 | 209.148 | 4644.14 | 0.0905 | P | 5.8 | 4.6 |
| 3 | ☐ | 1000.000 | 1024.267 | 22421.38 | 0.4368 | P | 2.0 | 2.4 |
| 4 | ☐ | 12500.00 | 12957.17 | 279466.17 | 5.5052 | P | 2.4 | 3.7 |
| 5 | ☐ | 25000.00 | 24967.03 | 550794.77 | 10.606 | P | 1.3 | -0.1 |
| 6 | ☐ | 50000.00 | 49901.66 | 1103555.35 | 21.197 | A | 3.8 | -0.2 |

y = 4.2475E-004 * x + 0.0017
R = 1.0000
DL = 1.972 ug/l
BEC = 4.02 ug/l

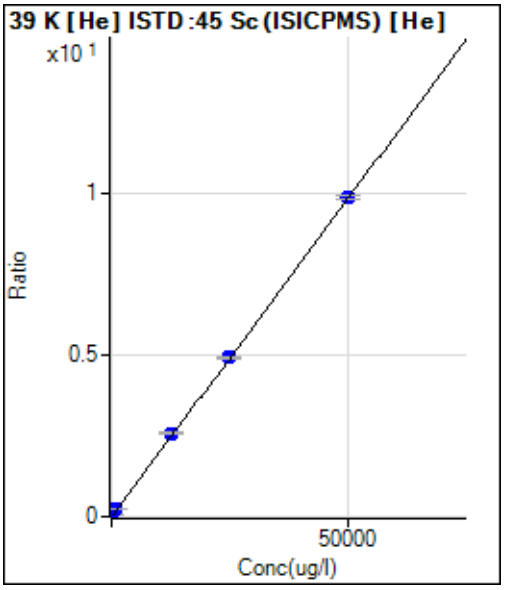
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -1.106 | 37.78 | 0.0007 | P | 60.9 | |
| 2 | ☐ | 40.000 | 47.848 | 261.12 | 0.0051 | P | 24.5 | 19.6 |
| 3 | ☐ | 200.000 | 193.816 | 932.26 | 0.0181 | P | 8.1 | -3.1 |
| 4 | ☐ | 12500.00 | 12990.68 | 59000.57 | 1.1621 | P | 1.2 | 3.9 |
| 5 | ☐ | 25000.00 | 25079.72 | 116469.08 | 2.2427 | P | 1.5 | 0.3 |
| 6 | ☐ | 50000.00 | 49455.22 | 230240.41 | 4.4216 | P | 0.8 | -1.1 |

y = 8.939025E-005 * x + 8.199228E-004
R = 0.9999
DL = 14.74 ug/l
BEC = 9.172 ug/l

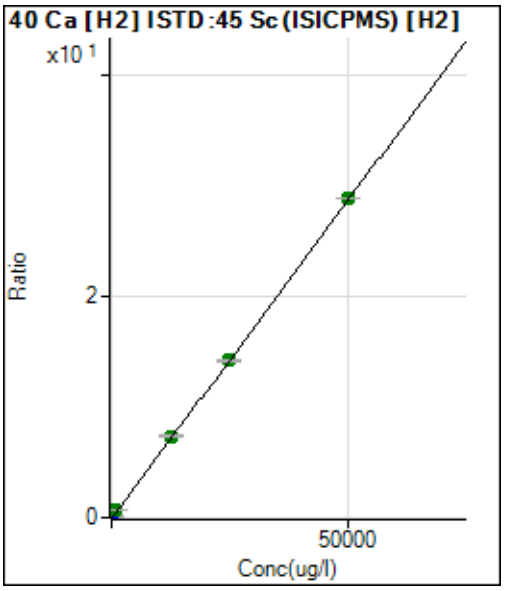
Weight: 1/y
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2075.72 | 0.0400 | P | 2.2 | |
| 2 | ☐ | 200.000 | 203.628 | 4111.74 | 0.0802 | P | 6.0 | 1.8 |
| 3 | ☐ | 1000.000 | 1000.039 | 12179.85 | 0.2373 | P | 3.1 | 0.0 |
| 4 | ☐ | 12500.00 | 12837.27 | 130577.16 | 2.5723 | P | 2.6 | 2.7 |
| 5 | ☐ | 25000.00 | 24846.73 | 256608.87 | 4.9413 | P | 1.2 | -0.6 |
| 6 | ☐ | 50000.00 | 49992.30 | 515555.83 | 9.9015 | P | 1.6 | 0.0 |

y = 1.9726E-004 * x + 0.0400
R = 1.0000
DL = 13.41 ug/l
BEC = 202.8 ug/l

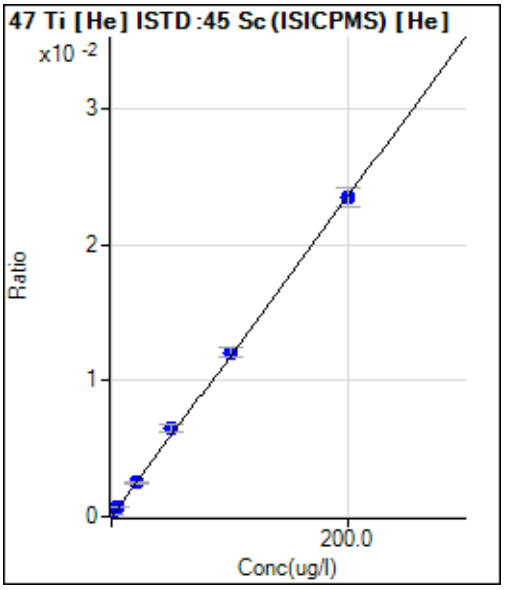
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60206.17 | 0.0289 | P | 0.1 | |
| 2 | ☐ | 200.000 | 207.106 | 303366.71 | 0.1481 | P | 1.6 | 3.6 |
| 3 | ☐ | 1000.000 | 1019.442 | 1255483.79 | 0.6156 | A | 0.9 | 1.9 |
| 4 | ☐ | 12500.00 | 12790.40 | 14894868.39 | 7.3898 | A | 0.8 | 2.3 |
| 5 | ☐ | 25000.00 | 24641.35 | 29245170.40 | 14.210 | A | 0.9 | -1.4 |
| 6 | ☐ | 50000.00 | 50106.30 | 58599686.90 | 28.865 | A | 0.4 | 0.2 |

y = 5.7550E-004 * x + 0.0289
R = 0.9999
DL = 0.1975 ug/l
BEC = 50.18 ug/l

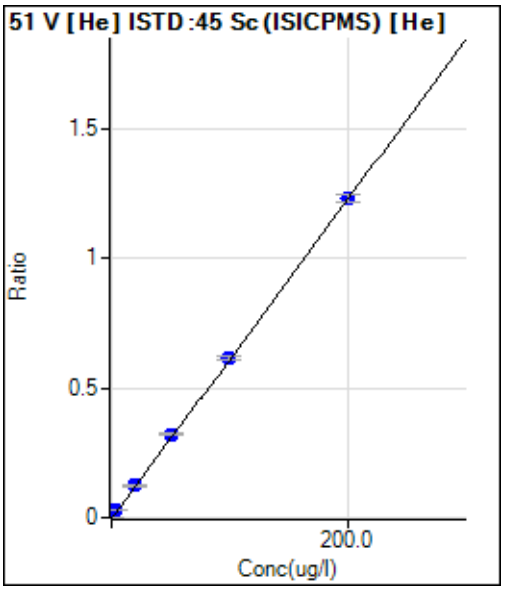
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.67 | 0.0002 | P | 19.9 | |
| 2 | ☐ | 4.000 | 4.159 | 33.67 | 0.0007 | P | 4.8 | 4.0 |
| 3 | ☐ | 20.000 | 19.785 | 128.01 | 0.0025 | P | 8.6 | -1.1 |
| 4 | ☐ | 50.000 | 54.071 | 331.37 | 0.0065 | P | 7.7 | 8.1 |
| 5 | ☐ | 100.000 | 101.421 | 628.08 | 0.0121 | P | 5.2 | 1.4 |
| 6 | ☐ | 200.000 | 198.290 | 1222.18 | 0.0235 | P | 5.7 | -0.9 |

y = 1.1758E-004 * x + 1.6744E-004
R = 0.9997
DL = 0.8483 ug/l
BEC = 1.424 ug/l

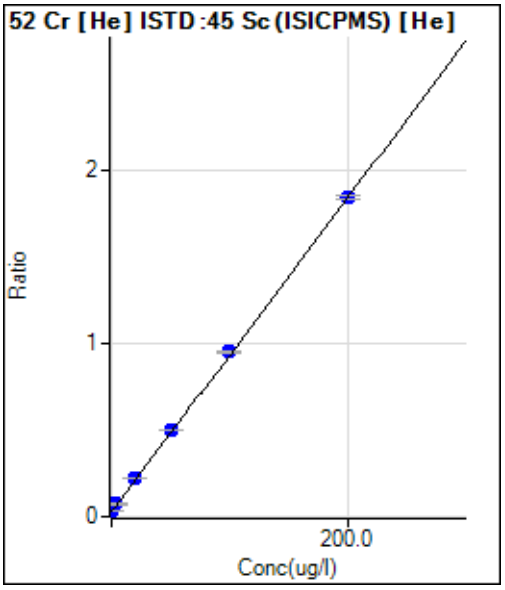
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 63.34 | 0.0012 | P | 51.3 | |
| 2 | ☐ | 4.000 | 4.187 | 1385.64 | 0.0270 | P | 2.6 | 4.7 |
| 3 | ☐ | 20.000 | 19.982 | 6378.19 | 0.1242 | P | 3.2 | -0.1 |
| 4 | ☐ | 50.000 | 52.125 | 16353.19 | 0.3221 | P | 1.7 | 4.2 |
| 5 | ☐ | 100.000 | 99.677 | 31922.80 | 0.6149 | P | 3.4 | -0.3 |
| 6 | ☐ | 200.000 | 199.628 | 64051.38 | 1.2302 | P | 1.9 | -0.2 |

y = 0.0062 * x + 0.0012
R = 0.9999
DL = 0.3064 ug/l
BEC = 0.1991 ug/l

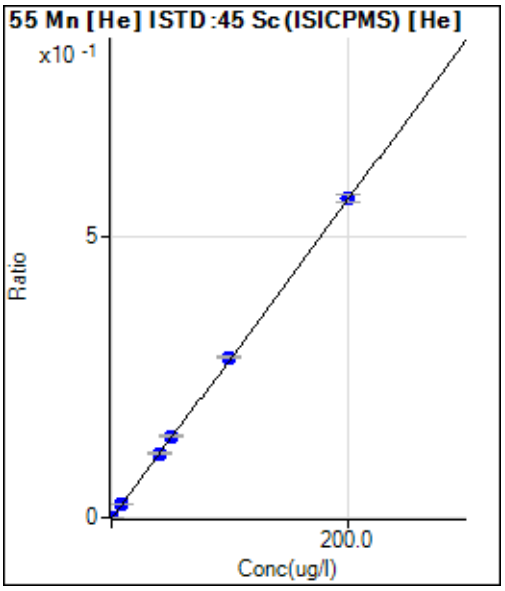
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1925.71 | 0.0371 | P | 2.3 | |
| 2 | ☐ | 4.000 | 3.868 | 3696.07 | 0.0721 | P | 5.6 | -3.3 |
| 3 | ☐ | 20.000 | 19.997 | 11193.53 | 0.2180 | P | 1.3 | 0.0 |
| 4 | ☐ | 50.000 | 51.223 | 25410.24 | 0.5005 | P | 0.8 | 2.4 |
| 5 | ☐ | 100.000 | 100.897 | 49328.60 | 0.9499 | P | 1.3 | 0.9 |
| 6 | ☐ | 200.000 | 199.249 | 95796.62 | 1.8397 | P | 0.8 | -0.4 |

y = 0.0090 * x + 0.0371
R = 1.0000
DL = 0.2787 ug/l
BEC = 4.098 ug/l

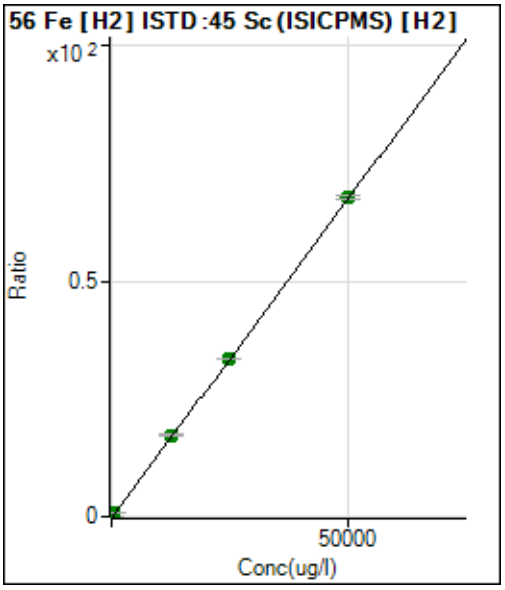
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 57.78 | 0.0011 | P | 16.0 | |
| 2 | ☐ | 8.000 | 7.802 | 1193.39 | 0.0233 | P | 2.4 | -2.5 |
| 3 | ☐ | 40.000 | 39.567 | 5822.39 | 0.1134 | P | 3.3 | -1.1 |
| 4 | ☐ | 50.000 | 50.532 | 7338.68 | 0.1446 | P | 1.7 | 1.1 |
| 5 | ☐ | 100.000 | 99.974 | 14795.86 | 0.2849 | P | 1.4 | 0.0 |
| 6 | ☐ | 200.000 | 199.974 | 29614.36 | 0.5688 | P | 2.1 | 0.0 |

y = 0.0028 * x + 0.0011
R = 1.0000
DL = 0.1893 ug/l
BEC = 0.3931 ug/l

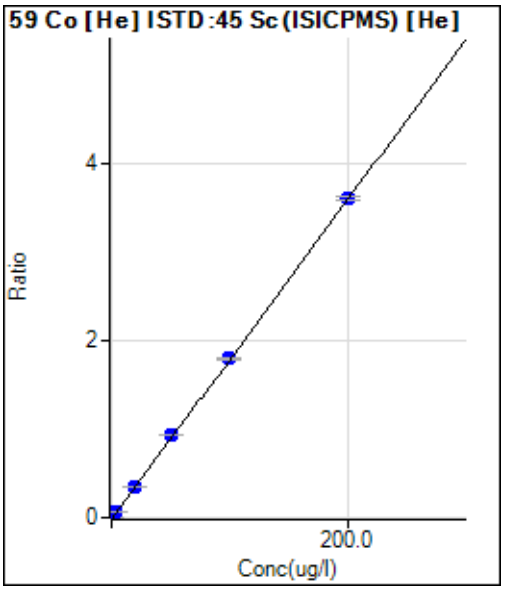
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 43614.98 | 0.0209 | P | 1.2 | |
| 2 | ☐ | 120.000 | 123.636 | 386035.56 | 0.1884 | P | 2.0 | 3.0 |
| 3 | ☐ | 600.000 | 621.017 | 1758492.02 | 0.8623 | A | 1.4 | 3.5 |
| 4 | ☐ | 12500.00 | 12758.42 | 34884700.31 | 17.306 | A | 0.8 | 2.1 |
| 5 | ☐ | 25000.00 | 24752.62 | 69070045.08 | 33.557 | A | 0.1 | -1.0 |
| 6 | ☐ | 50000.00 | 50058.82 | 137732326.8 | 67.843 | A | 1.5 | 0.1 |

y = 0.0014 * x + 0.0209
R = 1.0000
DL = 0.5373 ug/l
BEC = 15.44 ug/l

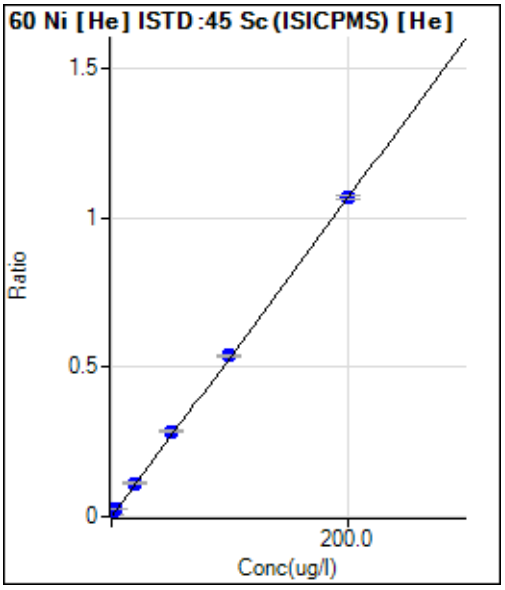
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0007 | P | 26.9 | |
| 2 | ☐ | 4.000 | 4.091 | 3823.89 | 0.0745 | P | 2.4 | 2.3 |
| 3 | ☐ | 20.000 | 19.594 | 18181.08 | 0.3541 | P | 0.9 | -2.0 |
| 4 | ☐ | 50.000 | 51.964 | 47617.24 | 0.9379 | P | 1.2 | 3.9 |
| 5 | ☐ | 100.000 | 99.710 | 93428.01 | 1.7991 | P | 1.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.693 | 187562.48 | 3.6023 | P | 1.8 | -0.2 |

y = 0.0180 * x + 7.3001E-004
R = 0.9999
DL = 0.03267 ug/l
BEC = 0.04048 ug/l

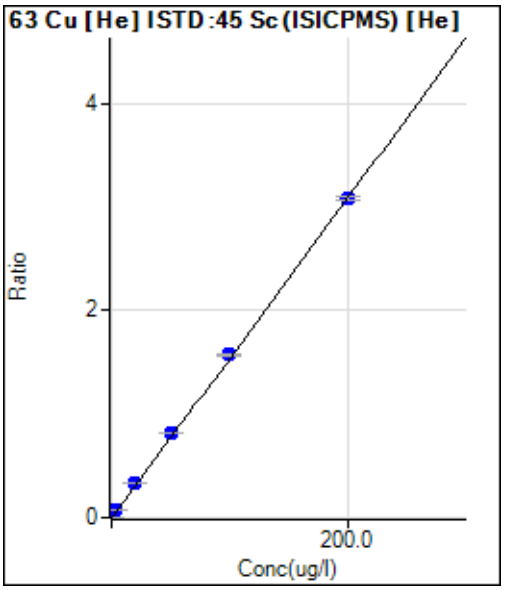
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 274.45 | 0.0053 | P | 11.4 | |
| 2 | ☐ | 4.000 | 4.186 | 1418.97 | 0.0277 | P | 1.1 | 4.7 |
| 3 | ☐ | 20.000 | 19.833 | 5710.11 | 0.1112 | P | 3.4 | -0.8 |
| 4 | ☐ | 50.000 | 52.309 | 14454.37 | 0.2847 | P | 2.6 | 4.6 |
| 5 | ☐ | 100.000 | 100.019 | 28020.05 | 0.5396 | P | 1.6 | 0.0 |
| 6 | ☐ | 200.000 | 199.426 | 55743.52 | 1.0706 | P | 1.6 | -0.3 |

y = 0.0053 * x + 0.0053
R = 0.9999
DL = 0.3382 ug/l
BEC = 0.9913 ug/l

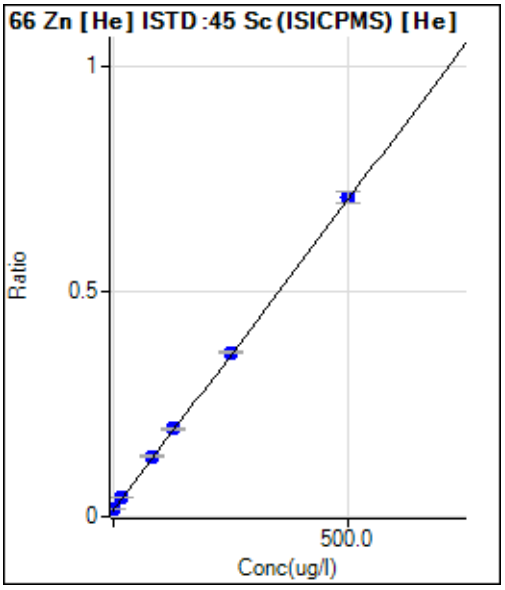
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 471.12 | 0.0091 | P | 1.7 | |
| 2 | ☐ | 4.000 | 4.317 | 3890.58 | 0.0758 | P | 2.0 | 7.9 |
| 3 | ☐ | 20.000 | 20.993 | 17136.41 | 0.3338 | P | 1.1 | 5.0 |
| 4 | ☐ | 50.000 | 52.743 | 41876.53 | 0.8248 | P | 0.3 | 5.5 |
| 5 | ☐ | 100.000 | 100.994 | 81594.87 | 1.5710 | P | 0.3 | 1.0 |
| 6 | ☐ | 200.000 | 198.711 | 160492.51 | 3.0823 | P | 1.6 | -0.6 |

y = 0.0155 * x + 0.0091
R = 0.9999
DL = 0.03069 ug/l
BEC = 0.5869 ug/l

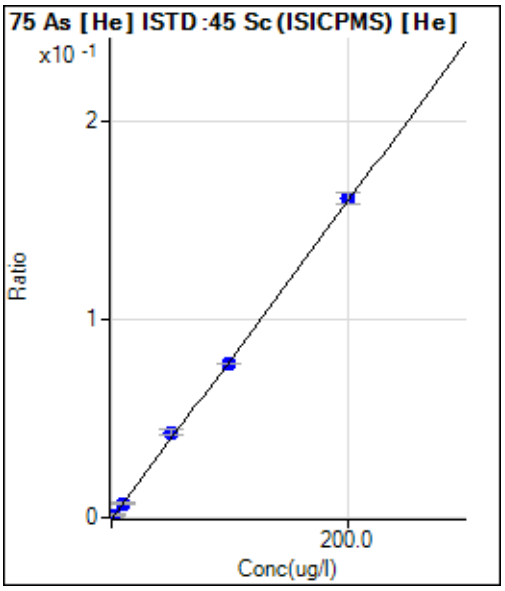
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -3.440 | 827.81 | 0.0160 | P | 10.8 | |
| 2 | ☐ | 16.000 | 16.301 | 2214.65 | 0.0431 | P | 4.6 | 1.9 |
| 3 | ☐ | 80.000 | 82.453 | 6889.56 | 0.1342 | P | 1.9 | 3.1 |
| 4 | ☐ | 125.000 | 126.779 | 9910.32 | 0.1952 | P | 2.5 | 1.4 |
| 5 | ☐ | 250.000 | 249.508 | 18912.10 | 0.3642 | P | 1.3 | -0.2 |
| 6 | ☐ | 500.000 | 499.399 | 36866.54 | 0.7082 | P | 3.1 | -0.1 |

y = 0.001377 * x + 0.020705
R = 0.9999
DL = 3.763 ug/l
BEC = 15.04 ug/l

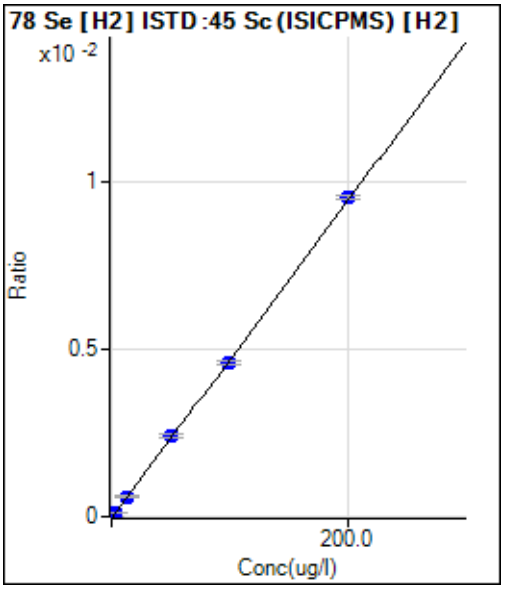
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.56 | 0.0001 | P | 92.8 | |
| 2 | ☐ | 2.000 | 1.596 | 71.11 | 0.0014 | P | 10.3 | -20.2 |
| 3 | ☐ | 10.000 | 8.815 | 367.79 | 0.0072 | P | 9.9 | -11.8 |
| 4 | ☐ | 50.000 | 53.616 | 2185.74 | 0.0430 | P | 6.9 | 7.2 |
| 5 | ☐ | 100.000 | 96.724 | 4029.52 | 0.0776 | P | 1.1 | -3.3 |
| 6 | ☐ | 200.000 | 200.798 | 8381.54 | 0.1609 | P | 3.3 | 0.4 |

y = 8.0091E-004 * x + 1.0814E-004
R = 0.9996
DL = 0.376 ug/l
BEC = 0.135 ug/l

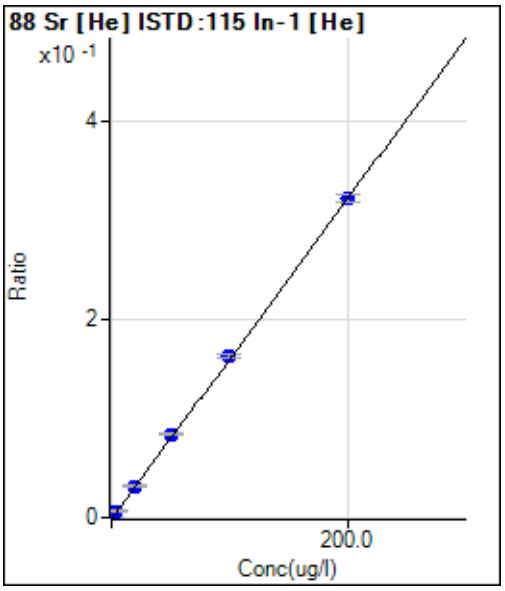
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.55 | 0.0000 | P | 124. | |
| 2 | ☐ | 2.500 | 2.550 | 253.34 | 0.0001 | P | 8.5 | 2.0 |
| 3 | ☐ | 12.500 | 12.589 | 1224.51 | 0.0006 | P | 3.0 | 0.7 |
| 4 | ☐ | 50.000 | 50.658 | 4853.13 | 0.0024 | P | 3.4 | 1.3 |
| 5 | ☐ | 100.000 | 97.241 | 9506.73 | 0.0046 | P | 2.7 | -2.8 |
| 6 | ☐ | 200.000 | 201.209 | 19402.89 | 0.0096 | P | 1.3 | 0.6 |

y = 4.7487E-005 * x + 2.6521E-006
R = 0.9998
DL = 0.2093 ug/l
BEC = 0.05585 ug/l

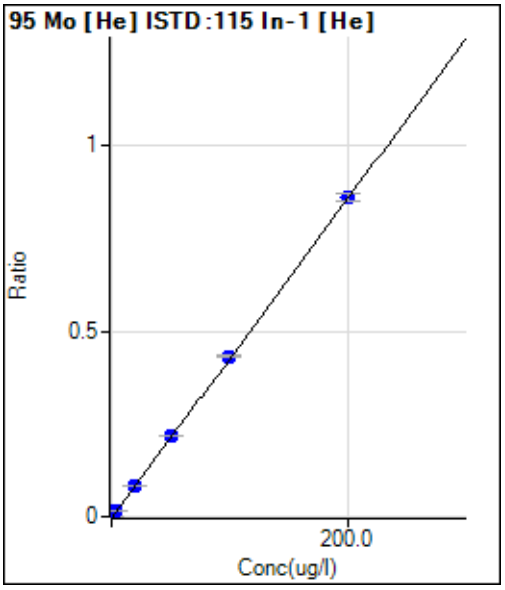
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.56 | 0.0002 | P | 49.7 | |
| 2 | ☐ | 4.000 | 4.023 | 523.35 | 0.0067 | P | 3.9 | 0.6 |
| 3 | ☐ | 20.000 | 19.633 | 2509.14 | 0.0320 | P | 3.1 | -1.8 |
| 4 | ☐ | 50.000 | 51.929 | 6541.64 | 0.0843 | P | 1.1 | 3.9 |
| 5 | ☐ | 100.000 | 100.919 | 12602.66 | 0.1636 | P | 2.1 | 0.9 |
| 6 | ☐ | 200.000 | 199.095 | 25100.24 | 0.3226 | P | 2.5 | -0.5 |

y = 0.0016 * x + 1.9568E-004
R = 0.9999
DL = 0.1802 ug/l
BEC = 0.1208 ug/l

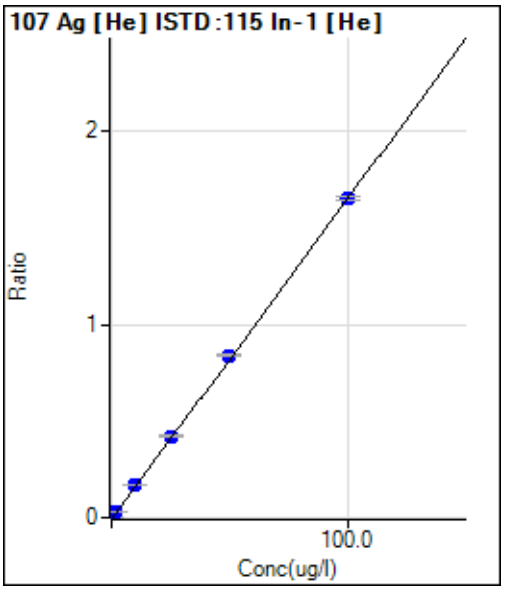
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18.89 | 0.0002 | P | 53.5 | |
| 2 | ☐ | 4.000 | 3.982 | 1358.97 | 0.0174 | P | 3.8 | -0.5 |
| 3 | ☐ | 20.000 | 19.389 | 6582.77 | 0.0839 | P | 2.4 | -3.1 |
| 4 | ☐ | 50.000 | 50.479 | 16925.26 | 0.2181 | P | 1.2 | 1.0 |
| 5 | ☐ | 100.000 | 100.326 | 33359.46 | 0.4332 | P | 1.9 | 0.3 |
| 6 | ☐ | 200.000 | 199.779 | 67098.06 | 0.8623 | P | 2.1 | -0.1 |

y = 0.0043 * x + 2.3692E-004
R = 1.0000
DL = 0.08808 ug/l
BEC = 0.0549 ug/l

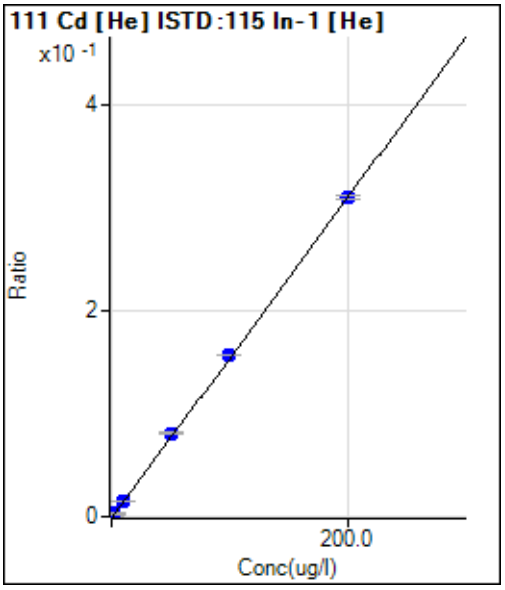
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.55 | 0.0002 | P | 101. | |
| 2 | ☐ | 2.000 | 1.945 | 2532.48 | 0.0325 | P | 4.1 | -2.7 |
| 3 | ☐ | 10.000 | 9.988 | 13016.46 | 0.1659 | P | 1.4 | -0.1 |
| 4 | ☐ | 25.000 | 25.480 | 32825.13 | 0.4229 | P | 1.5 | 1.9 |
| 5 | ☐ | 50.000 | 50.623 | 64704.16 | 0.8401 | P | 0.6 | 1.2 |
| 6 | ☐ | 100.000 | 99.571 | 128559.09 | 1.6522 | P | 1.6 | -0.4 |

y = 0.0166 * x + 1.9566E-004
R = 1.0000
DL = 0.03585 ug/l
BEC = 0.01179 ug/l

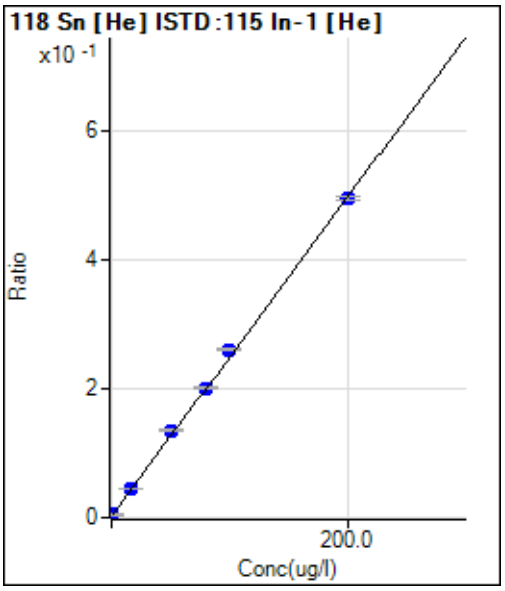
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.22 | 0.0000 | P | 173. | |
| 2 | ☐ | 2.000 | 1.862 | 228.89 | 0.0029 | P | 20.6 | -6.9 |
| 3 | ☐ | 10.000 | 9.311 | 1137.84 | 0.0145 | P | 6.6 | -6.9 |
| 4 | ☐ | 50.000 | 52.041 | 6282.64 | 0.0809 | P | 0.9 | 4.1 |
| 5 | ☐ | 100.000 | 100.823 | 12076.69 | 0.1568 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.114 | 24092.01 | 0.3096 | P | 1.2 | -0.4 |

y = 0.0016 * x + 2.8017E-005
R = 0.9999
DL = 0.09363 ug/l
BEC = 0.01802 ug/l

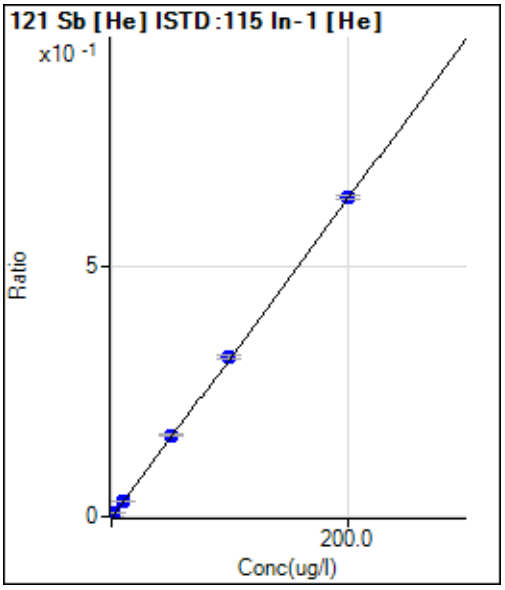
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 378.90 | 0.0048 | P | 15.9 | |
| 2 | ☐ | 16.000 | 16.210 | 3499.37 | 0.0449 | P | 5.0 | 1.3 |
| 3 | ☐ | 80.000 | 79.200 | 15750.62 | 0.2008 | P | 2.0 | -1.0 |
| 4 | ☐ | 50.000 | 52.606 | 10475.34 | 0.1350 | P | 1.3 | 5.2 |
| 5 | ☐ | 100.000 | 103.187 | 20037.50 | 0.2601 | P | 1.0 | 3.2 |
| 6 | ☐ | 200.000 | 198.058 | 38513.04 | 0.4949 | P | 1.2 | -1.0 |

y = 0.0025 * x + 0.0048
R = 0.9997
DL = 0.9165 ug/l
BEC = 1.923 ug/l

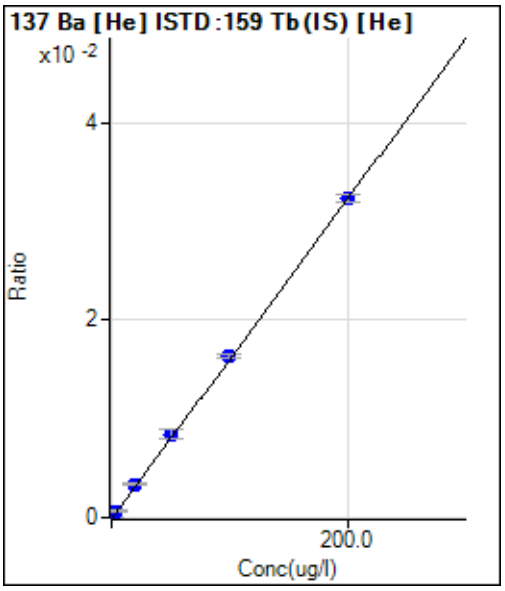
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0005 | P | 18.7 | |
| 2 | ☐ | 2.000 | 2.209 | 586.69 | 0.0075 | P | 9.4 | 10.4 |
| 3 | ☐ | 10.000 | 9.716 | 2469.13 | 0.0315 | P | 2.8 | -2.8 |
| 4 | ☐ | 50.000 | 50.655 | 12578.30 | 0.1621 | P | 2.9 | 1.3 |
| 5 | ☐ | 100.000 | 99.706 | 24535.17 | 0.3186 | P | 2.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.995 | 49685.88 | 0.6385 | P | 0.7 | 0.0 |

y = 0.0032 * x + 4.7476E-004
R = 1.0000
DL = 0.08369 ug/l
BEC = 0.1488 ug/l

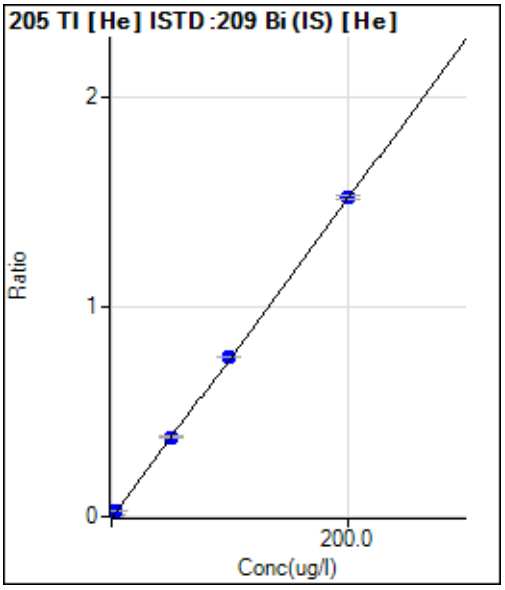
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 115. | |
| 2 | ☐ | 4.000 | 4.000 | 303.34 | 0.0007 | P | 8.4 | 0.0 |
| 3 | ☐ | 20.000 | 20.631 | 1514.54 | 0.0034 | P | 6.9 | 3.2 |
| 4 | ☐ | 50.000 | 52.002 | 3840.60 | 0.0085 | P | 10.0 | 4.0 |
| 5 | ☐ | 100.000 | 100.405 | 7339.89 | 0.0163 | P | 2.1 | 0.4 |
| 6 | ☐ | 200.000 | 199.234 | 14584.93 | 0.0323 | P | 1.8 | -0.4 |

y = 1.6225E-004 * x + 2.1710E-005
R = 0.9999
DL = 0.4641 ug/l
BEC = 0.1338 ug/l

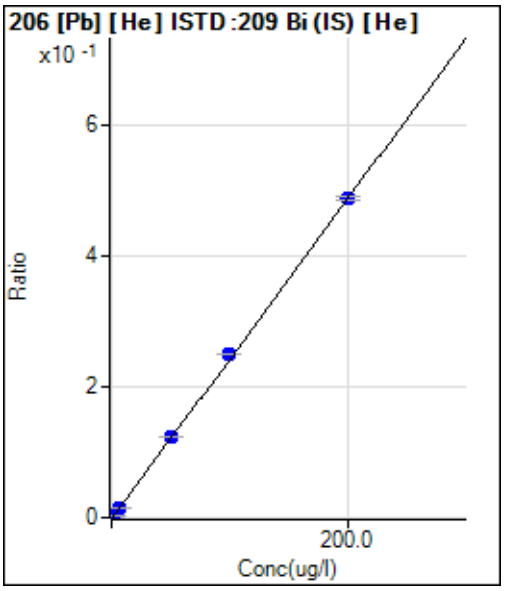
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 104.45 | 0.0003 | P | 16.8 | |
| 2 | ☐ | 0.800 | 0.818 | 2369.13 | 0.0065 | P | 2.3 | 2.2 |
| 3 | ☐ | 4.000 | 3.896 | 10979.37 | 0.0300 | P | 1.3 | -2.6 |
| 4 | ☐ | 50.000 | 49.589 | 136601.38 | 0.3781 | P | 1.9 | -0.8 |
| 5 | ☐ | 100.000 | 100.179 | 268672.23 | 0.7636 | P | 0.6 | 0.2 |
| 6 | ☐ | 200.000 | 200.015 | 533751.69 | 1.5244 | P | 0.6 | 0.0 |

y = 0.0076 * x + 2.8065E-004
R = 1.0000
DL = 0.01862 ug/l
BEC = 0.03683 ug/l

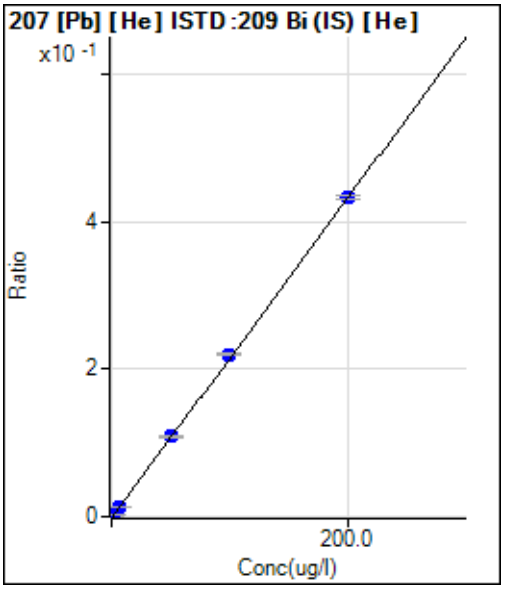
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 90.00 | 0.0002 | P | 25.1 | |
| 2 | ☐ | 1.200 | 1.197 | 1151.18 | 0.0032 | P | 7.3 | -0.3 |
| 3 | ☐ | 6.000 | 5.850 | 5326.73 | 0.0145 | P | 2.2 | -2.5 |
| 4 | ☐ | 50.000 | 50.012 | 44245.17 | 0.1225 | P | 0.7 | 0.0 |
| 5 | ☐ | 100.000 | 101.591 | 87446.59 | 0.2485 | P | 0.4 | 1.6 |
| 6 | ☐ | 200.000 | 199.206 | 170569.15 | 0.4871 | P | 1.6 | -0.4 |

y = 0.0024 * x + 2.4171E-004
R = 1.0000
DL = 0.07444 ug/l
BEC = 0.09889 ug/l

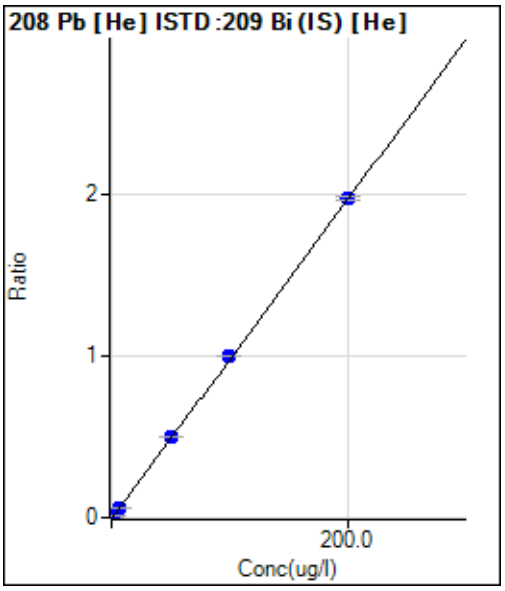
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 83.33 | 0.0002 | P | 10.2 | |
| 2 | ☐ | 1.200 | 1.078 | 933.37 | 0.0026 | P | 4.7 | -10.1 |
| 3 | ☐ | 6.000 | 5.868 | 4753.16 | 0.0130 | P | 0.4 | -2.2 |
| 4 | ☐ | 50.000 | 49.899 | 39248.35 | 0.1086 | P | 1.7 | -0.2 |
| 5 | ☐ | 100.000 | 101.303 | 77520.55 | 0.2203 | P | 1.5 | 1.3 |
| 6 | ☐ | 200.000 | 199.378 | 151767.95 | 0.4334 | P | 0.9 | -0.3 |

y = 0.0022 * x + 2.2403E-004
R = 1.0000
DL = 0.03143 ug/l
BEC = 0.1031 ug/l

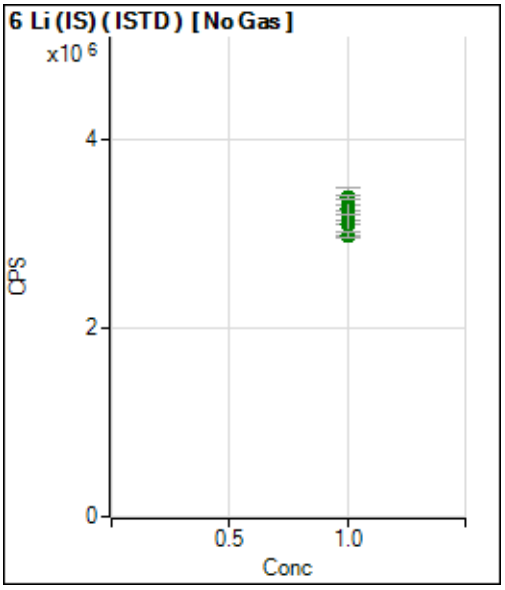
Weight: <None>
Min Conc: <None>



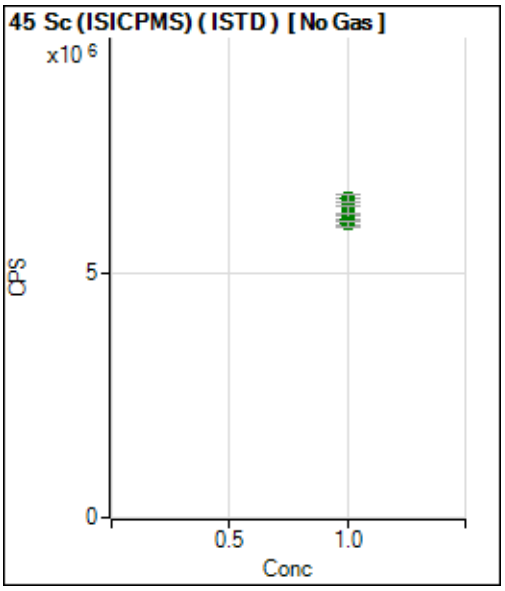

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 372.23 | 0.0010 | P | 3.5 | |
| 2 | ☐ | 1.200 | 1.126 | 4421.46 | 0.0122 | P | 6.4 | -6.1 |
| 3 | ☐ | 6.000 | 5.723 | 21142.65 | 0.0577 | P | 1.8 | -4.6 |
| 4 | ☐ | 50.000 | 50.101 | 179720.65 | 0.4975 | P | 0.3 | 0.2 |
| 5 | ☐ | 100.000 | 100.788 | 351771.52 | 0.9998 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.589 | 692924.56 | 1.9789 | P | 0.7 | -0.2 |

y = 0.0099 * x + 0.0010
R = 1.0000
DL = 0.01048 ug/l
BEC = 0.101 ug/l

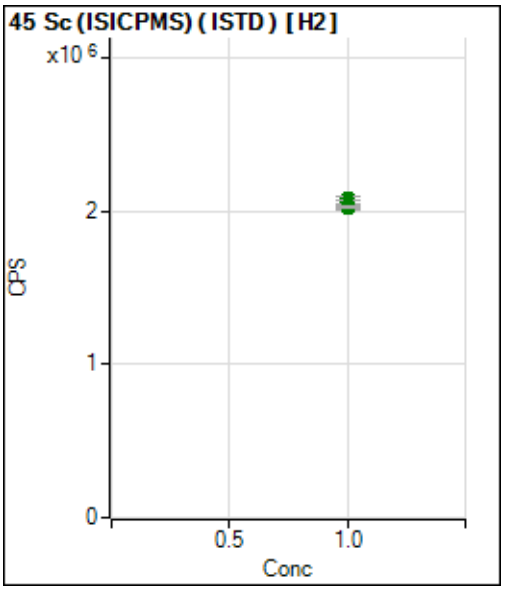
Weight: <None>
Min Conc: <None>



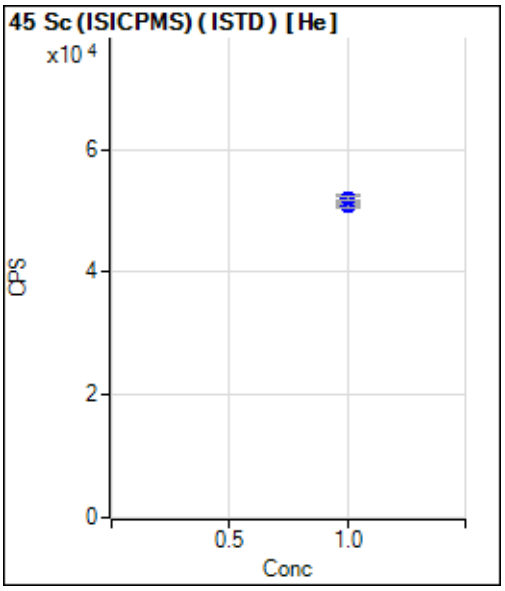

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3213374.85 | | A | 6.3 | |
| 2 | ☐ | 1.000 | | 3364173.36 | | A | 7.3 | |
| 3 | ☐ | 1.000 | | 3261306.62 | | A | 6.6 | |
| 4 | ☐ | 1.000 | | 3102661.90 | | A | 7.2 | |
| 5 | ☐ | 1.000 | | 3394078.39 | | A | 1.8 | |
| 6 | ☐ | 1.000 | | 2989461.27 | | A | 2.2 | |



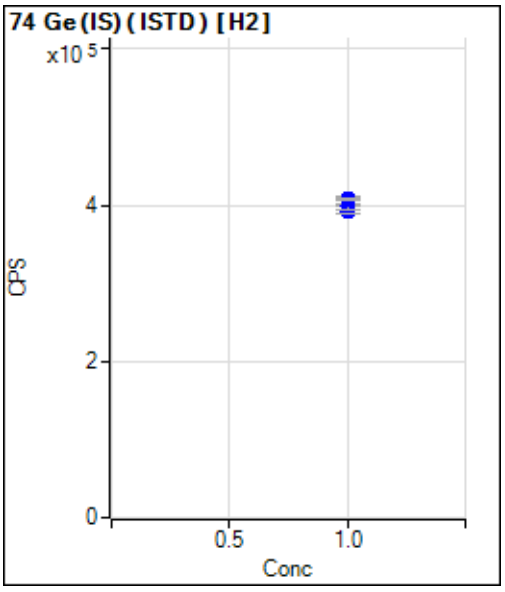

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6228187.82 | | A | 5.2 | |
| 2 | ☐ | 1.000 | | 6358742.13 | | A | 5.3 | |
| 3 | ☐ | 1.000 | | 6224591.78 | | A | 4.6 | |
| 4 | ☐ | 1.000 | | 6110359.70 | | A | 3.7 | |
| 5 | ☐ | 1.000 | | 6533598.03 | | A | 2.4 | |
| 6 | ☐ | 1.000 | | 6006922.90 | | A | 1.5 | |



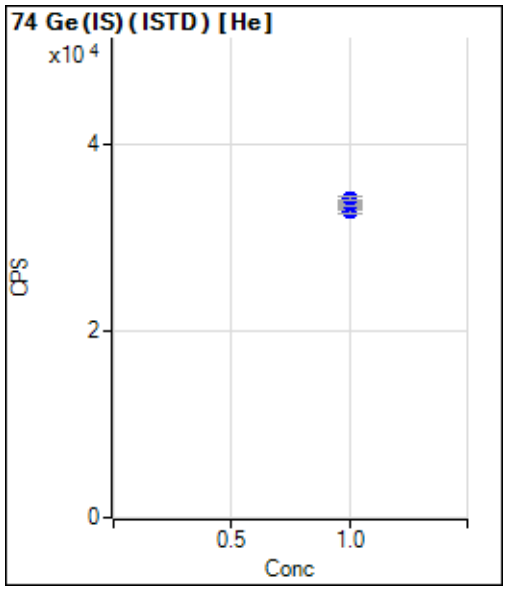

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2084718.11 | | A | 0.8 | |
| 2 | ☐ | 1.000 | | 2049155.21 | | A | 1.7 | |
| 3 | ☐ | 1.000 | | 2039473.67 | | A | 1.3 | |
| 4 | ☐ | 1.000 | | 2015693.77 | | A | 1.2 | |
| 5 | ☐ | 1.000 | | 2058305.84 | | A | 1.9 | |
| 6 | ☐ | 1.000 | | 2030116.55 | | A | 0.3 | |



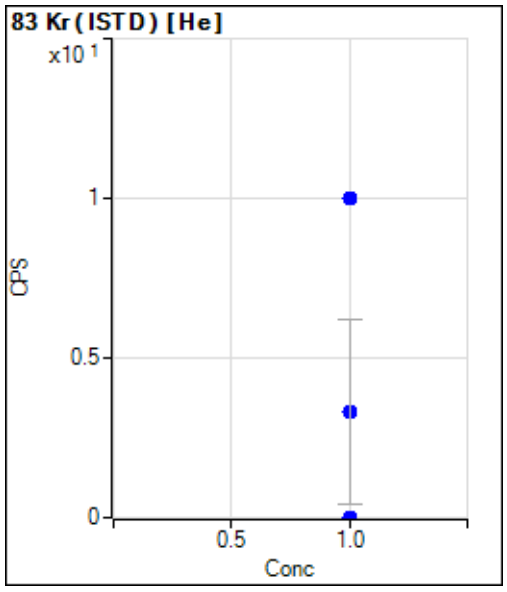

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 51917.58 | | P | 2.6 | |
| 2 | ☐ | 1.000 | | 51308.73 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 51344.35 | | P | 1.4 | |
| 4 | ☐ | 1.000 | | 50771.21 | | P | 1.0 | |
| 5 | ☐ | 1.000 | | 51937.63 | | P | 1.7 | |
| 6 | ☐ | 1.000 | | 52075.97 | | P | 1.6 | |



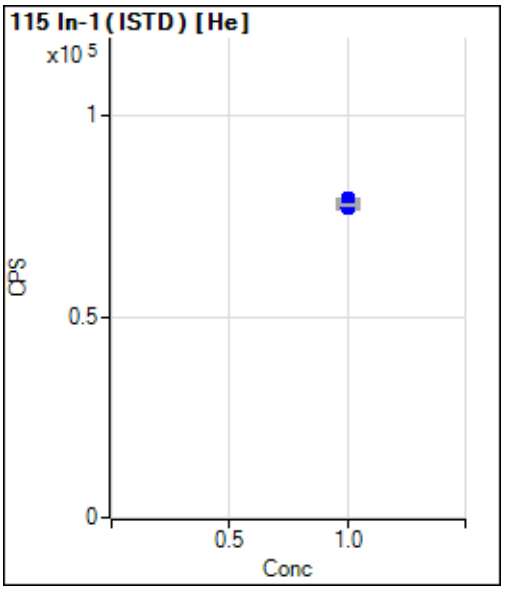

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 399534.93 | | P | 0.3 | |
| 2 | ☐ | 1.000 | | 391728.12 | | P | 1.3 | |
| 3 | ☐ | 1.000 | | 391694.94 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 398308.38 | | P | 1.6 | |
| 5 | ☐ | 1.000 | | 408960.16 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 407641.06 | | P | 0.3 | |



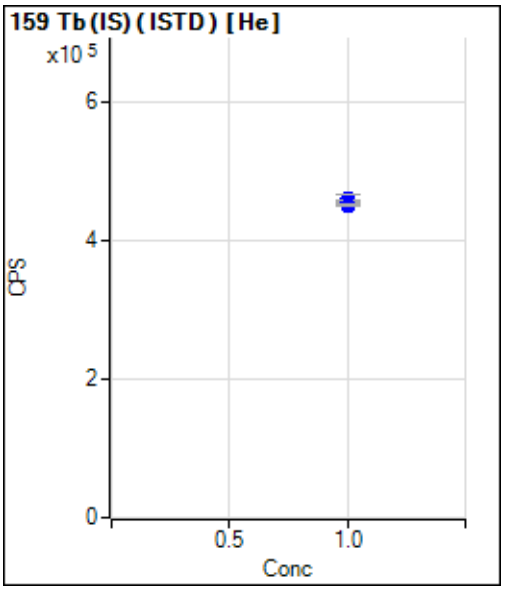

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 32921.14 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 32996.88 | | P | 1.8 | |
| 3 | ☐ | 1.000 | | 32937.79 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 33668.51 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 33610.65 | | P | 0.5 | |
| 6 | ☐ | 1.000 | | 34312.35 | | P | 1.6 | |



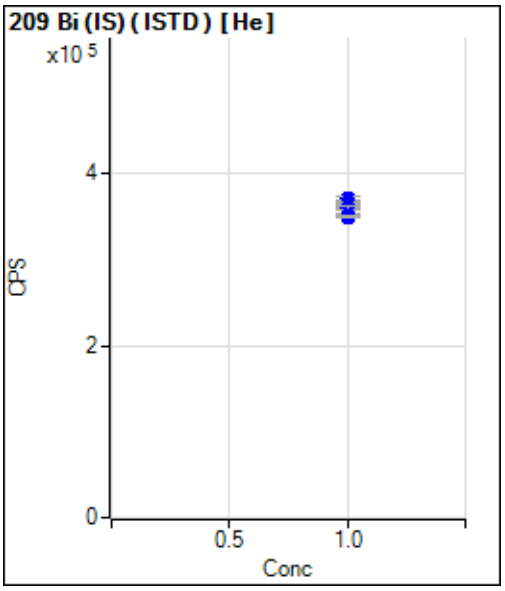

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 3 | ☐ | 1.000 | | 10.01 | | P | NaN | |
| 4 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 5 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 6 | ☐ | 1.000 | | 0.00 | | P | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 79611.86 | | P | 0.4 | |
| 2 | ☐ | 1.000 | | 78040.07 | | P | 2.5 | |
| 3 | ☐ | 1.000 | | 78458.58 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 77621.10 | | P | 1.3 | |
| 5 | ☐ | 1.000 | | 77024.45 | | P | 1.2 | |
| 6 | ☐ | 1.000 | | 77816.77 | | P | 0.6 | |



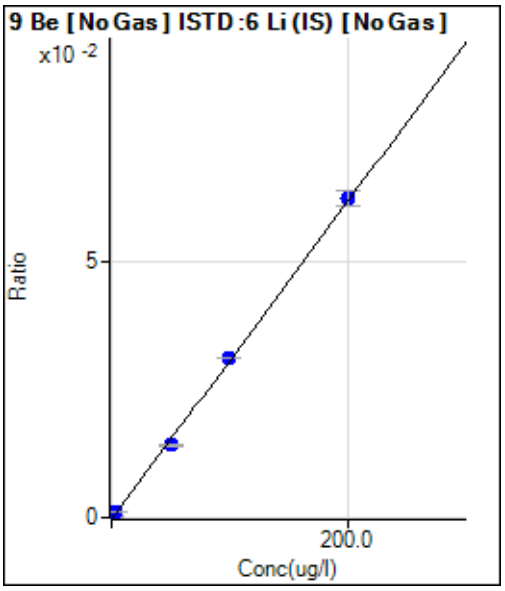

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 461090.37 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 452210.99 | | P | 0.6 | |
| 3 | ☐ | 1.000 | | 449496.03 | | P | 0.2 | |
| 4 | ☐ | 1.000 | | 454608.64 | | P | 2.1 | |
| 5 | ☐ | 1.000 | | 449956.23 | | P | 0.1 | |
| 6 | ☐ | 1.000 | | 450903.08 | | P | 0.7 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 371868.27 | | P | 0.8 | |
| 2 | ☐ | 1.000 | | 363764.45 | | P | 1.5 | |
| 3 | ☐ | 1.000 | | 366354.11 | | P | 0.4 | |
| 4 | ☐ | 1.000 | | 361256.81 | | P | 1.1 | |
| 5 | ☐ | 1.000 | | 351841.60 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 350147.77 | | P | 0.3 | |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021125.b\
Analysis File: NM021125.batch.bin
DA Date-Time: 2025-02-11 10:07:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

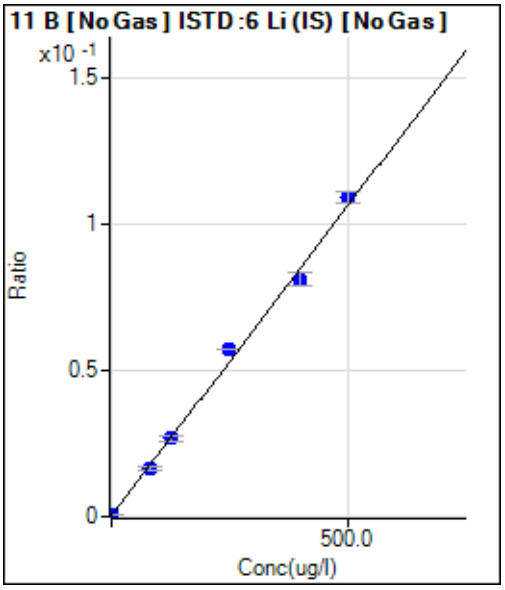
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-11 09:15:41 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-11 09:18:41 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-11 09:21:27 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-11 09:24:12 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-11 09:26:57 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-11 09:29:41 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 7.0 | |
| 2 | ☐ | 0.800 | 0.772 | 880.03 | 0.0002 | P | 7.6 | -3.5 |
| 3 | ☐ | 4.000 | 3.953 | 4455.18 | 0.0012 | P | 3.6 | -1.2 |
| 4 | ☐ | 50.000 | 45.456 | 54165.61 | 0.0141 | P | 2.1 | -9.1 |
| 5 | ☐ | 100.000 | 100.363 | 108323.95 | 0.0312 | P | 0.1 | 0.4 |
| 6 | ☐ | 200.000 | 200.956 | 219496.13 | 0.0625 | P | 4.6 | 0.5 |

y = 3.1076E-004 * x + 9.1435E-007
R = 0.9997
DL = 0.0006139 ug/l
BEC = 0.002942 ug/l

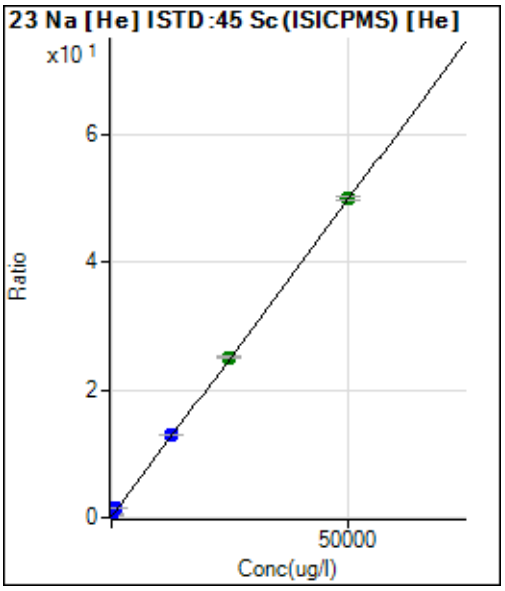
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3091.47 | 0.0008 | P | 6.9 | |
| 2 | ☐ | 80.000 | 72.954 | 59549.98 | 0.0163 | P | 7.4 | -8.8 |
| 3 | ☐ | 400.000 | 379.156 | 294103.54 | 0.0812 | P | 6.0 | -5.2 |
| 4 | ☐ | 125.000 | 121.676 | 102091.75 | 0.0266 | P | 5.6 | -2.7 |
| 5 | ☐ | 250.000 | 265.212 | 198218.24 | 0.0571 | P | 0.1 | 6.1 |
| 6 | ☐ | 500.000 | 511.027 | 384101.91 | 0.1092 | P | 3.9 | 2.2 |

y = 2.1200E-004 * x + 8.4862E-004
R = 0.9978
DL = 0.8275 ug/l
BEC = 4.003 ug/l

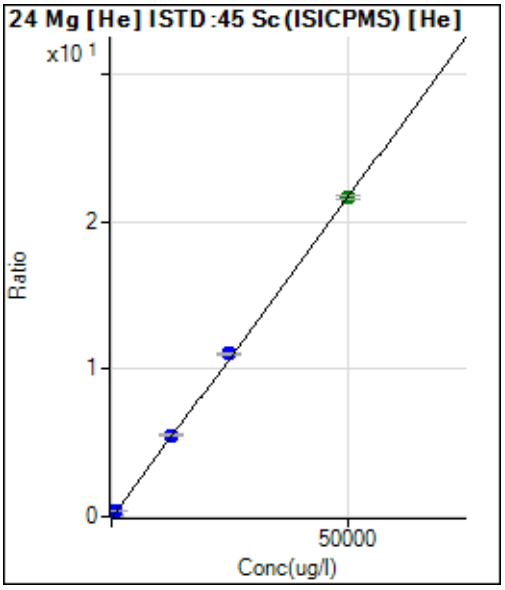
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20758.76 | 0.3896 | P | 1.2 | |
| 2 | ☐ | 200.000 | 213.932 | 31779.38 | 0.6018 | P | 3.1 | 7.0 |
| 3 | ☐ | 1000.000 | 1020.884 | 75761.83 | 1.4025 | P | 1.1 | 2.1 |
| 4 | ☐ | 12500.00 | 12610.43 | 689397.78 | 12.901 | P | 1.5 | 0.9 |
| 5 | ☐ | 25000.00 | 24931.76 | 1350955.75 | 25.127 | A | 0.6 | -0.3 |
| 6 | ☐ | 50000.00 | 50006.03 | 2744645.31 | 50.006 | A | 0.9 | 0.0 |

y = 9.9221E-004 * x + 0.3896
R = 1.0000
DL = 13.93 ug/l
BEC = 392.6 ug/l

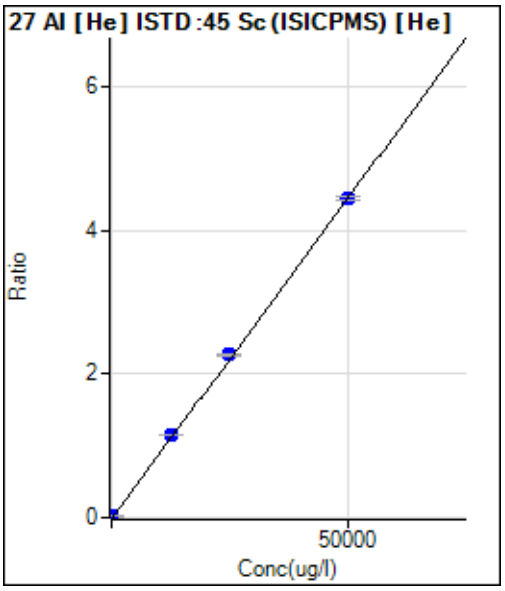
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 108.89 | 0.0020 | P | 22.3 | |
| 2 | ☐ | 200.000 | 203.955 | 4803.08 | 0.0909 | P | 1.4 | 2.0 |
| 3 | ☐ | 1000.000 | 987.244 | 23356.26 | 0.4324 | P | 0.9 | -1.3 |
| 4 | ☐ | 12500.00 | 12709.20 | 296138.63 | 5.5416 | P | 0.7 | 1.7 |
| 5 | ☐ | 25000.00 | 25365.37 | 594541.45 | 11.058 | P | 1.2 | 1.5 |
| 6 | ☐ | 50000.00 | 49765.25 | 1190661.61 | 21.693 | A | 1.1 | -0.5 |

y = 4.3587E-004 * x + 0.0020
R = 0.9999
DL = 3.131 ug/l
BEC = 4.684 ug/l

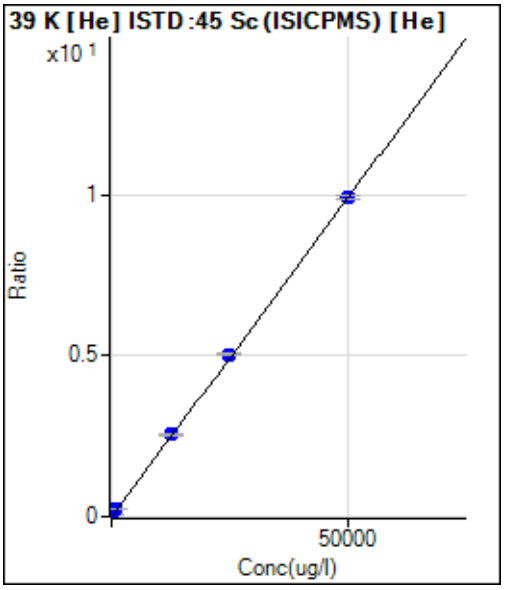
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 64.45 | 0.0012 | P | 10.5 | |
| 2 | ☐ | 40.000 | 35.941 | 233.33 | 0.0044 | P | 4.1 | -10.1 |
| 3 | ☐ | 200.000 | 204.743 | 1053.38 | 0.0195 | P | 5.7 | 2.4 |
| 4 | ☐ | 12500.00 | 12809.92 | 61203.00 | 1.1453 | P | 0.7 | 2.5 |
| 5 | ☐ | 25000.00 | 25334.54 | 121717.75 | 2.2639 | P | 2.2 | 1.3 |
| 6 | ☐ | 50000.00 | 49755.23 | 243972.21 | 4.4451 | P | 0.9 | -0.5 |

y = 8.9314E-005 * x + 0.0012
R = 0.9999
DL = 4.275 ug/l
BEC = 13.54 ug/l

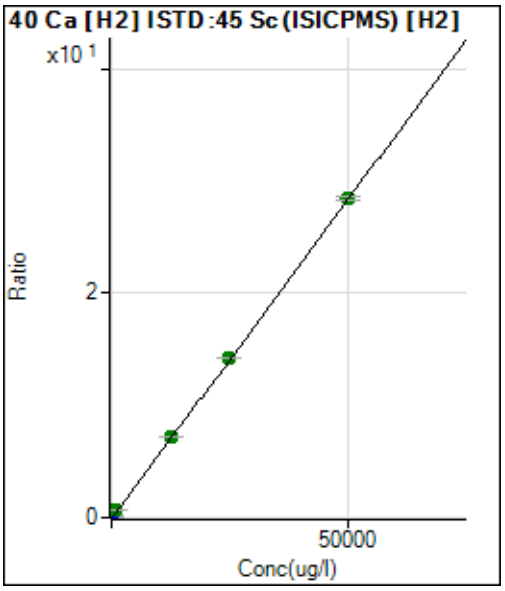
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1982.38 | 0.0372 | P | 4.9 | |
| 2 | ☐ | 200.000 | 208.176 | 4142.88 | 0.0785 | P | 5.5 | 4.1 |
| 3 | ☐ | 1000.000 | 1024.597 | 12983.93 | 0.2403 | P | 1.7 | 2.5 |
| 4 | ☐ | 12500.00 | 12672.10 | 136246.92 | 2.5495 | P | 0.8 | 1.4 |
| 5 | ☐ | 25000.00 | 25204.17 | 270661.05 | 5.0341 | P | 1.4 | 0.8 |
| 6 | ☐ | 50000.00 | 49854.36 | 544514.91 | 9.9212 | P | 1.0 | -0.3 |

y = 1.9826E-004 * x + 0.0372
R = 1.0000
DL = 27.66 ug/l
BEC = 187.7 ug/l

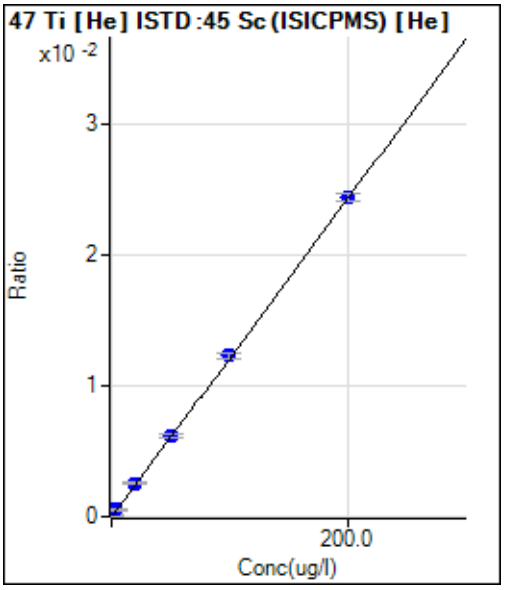
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 55011.43 | 0.0256 | P | 1.4 | |
| 2 | ☐ | 200.000 | 207.136 | 308377.81 | 0.1435 | P | 1.2 | 3.6 |
| 3 | ☐ | 1000.000 | 1027.302 | 1310073.12 | 0.6102 | A | 1.5 | 2.7 |
| 4 | ☐ | 12500.00 | 12630.65 | 15632962.41 | 7.2128 | A | 1.0 | 1.0 |
| 5 | ☐ | 25000.00 | 24947.52 | 31504958.98 | 14.221 | A | 0.3 | -0.2 |
| 6 | ☐ | 50000.00 | 49992.99 | 63830083.50 | 28.473 | A | 1.0 | 0.0 |

y = 5.6903E-004 * x + 0.0256
R = 1.0000
DL = 1.86 ug/l
BEC = 44.98 ug/l

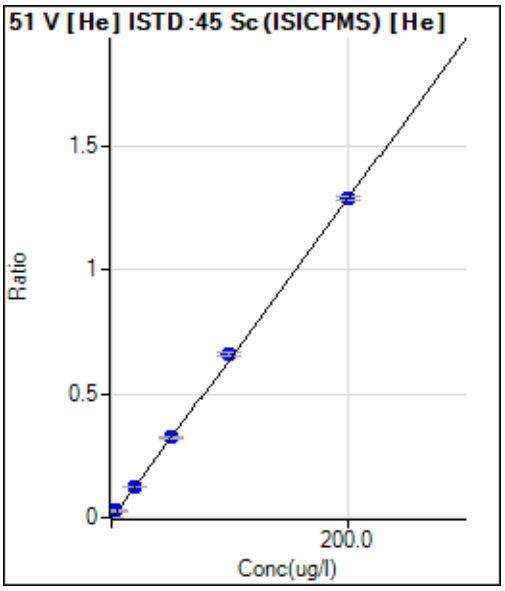
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.00 | 0.0001 | P | 24.5 | |
| 2 | ☐ | 4.000 | 4.049 | 30.00 | 0.0006 | P | 19.0 | 1.2 |
| 3 | ☐ | 20.000 | 20.332 | 138.01 | 0.0026 | P | 2.6 | 1.7 |
| 4 | ☐ | 50.000 | 50.369 | 332.37 | 0.0062 | P | 5.7 | 0.7 |
| 5 | ☐ | 100.000 | 100.196 | 661.08 | 0.0123 | P | 3.1 | 0.2 |
| 6 | ☐ | 200.000 | 199.775 | 1341.54 | 0.0244 | P | 2.5 | -0.1 |

y = 1.2197E-004 * x + 7.5020E-005
R = 1.0000
DL = 0.4523 ug/l
BEC = 0.6151 ug/l

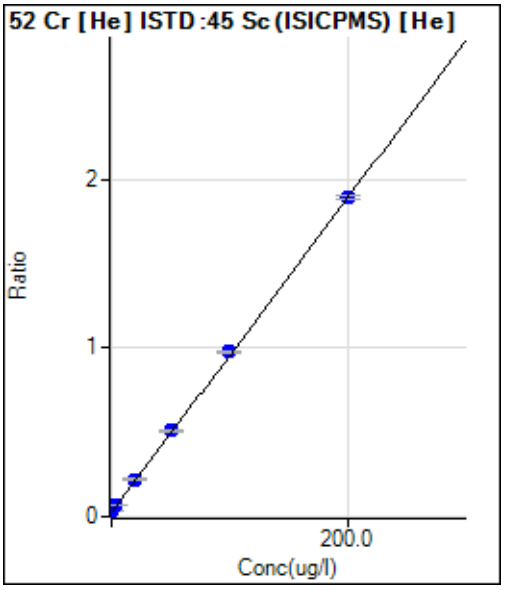
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 76.67 | 0.0014 | P | 36.6 | |
| 2 | ☐ | 4.000 | 3.989 | 1434.53 | 0.0272 | P | 6.2 | -0.3 |
| 3 | ☐ | 20.000 | 19.143 | 6749.48 | 0.1249 | P | 3.1 | -4.3 |
| 4 | ☐ | 50.000 | 49.982 | 17307.64 | 0.3239 | P | 1.7 | 0.0 |
| 5 | ☐ | 100.000 | 101.486 | 35277.54 | 0.6562 | P | 2.6 | 1.5 |
| 6 | ☐ | 200.000 | 199.348 | 70665.57 | 1.2875 | P | 0.6 | -0.3 |

y = 0.0065 * x + 0.0014
R = 0.9999
DL = 0.2444 ug/l
BEC = 0.2228 ug/l

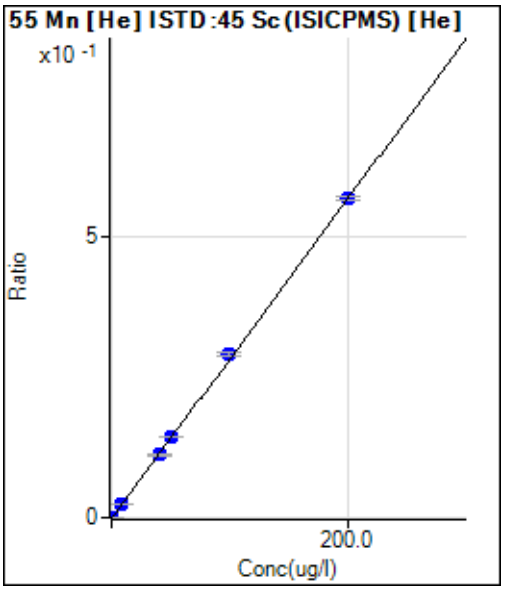
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1913.48 | 0.0359 | P | 2.9 | |
| 2 | ☐ | 4.000 | 3.819 | 3780.54 | 0.0716 | P | 3.3 | -4.5 |
| 3 | ☐ | 20.000 | 19.799 | 11930.80 | 0.2209 | P | 3.0 | -1.0 |
| 4 | ☐ | 50.000 | 50.824 | 27288.34 | 0.5107 | P | 1.3 | 1.6 |
| 5 | ☐ | 100.000 | 101.202 | 52759.00 | 0.9813 | P | 1.2 | 1.2 |
| 6 | ☐ | 200.000 | 199.217 | 104109.22 | 1.8969 | P | 1.0 | -0.4 |

y = 0.0093 * x + 0.0359
R = 1.0000
DL = 0.3335 ug/l
BEC = 3.845 ug/l

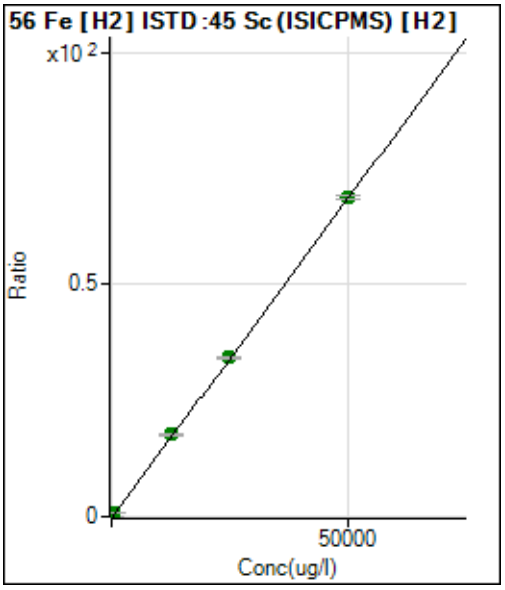
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 67.78 | 0.0013 | P | 38.1 | |
| 2 | ☐ | 8.000 | 8.363 | 1323.41 | 0.0251 | P | 4.0 | 4.5 |
| 3 | ☐ | 40.000 | 38.716 | 6019.14 | 0.1114 | P | 3.3 | -3.2 |
| 4 | ☐ | 50.000 | 50.071 | 7679.98 | 0.1437 | P | 0.9 | 0.1 |
| 5 | ☐ | 100.000 | 101.901 | 15654.59 | 0.2912 | P | 1.7 | 1.9 |
| 6 | ☐ | 200.000 | 199.274 | 31183.28 | 0.5682 | P | 1.3 | -0.4 |

y = 0.0028 * x + 0.0013
R = 0.9999
DL = 0.5127 ug/l
BEC = 0.448 ug/l

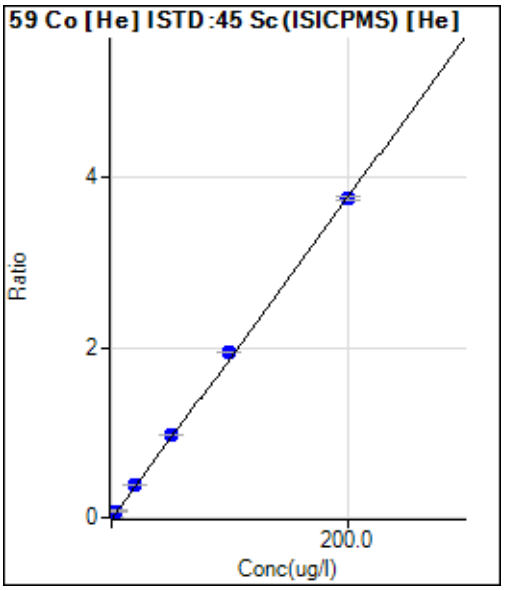
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 48031.93 | 0.0224 | P | 2.0 | |
| 2 | ☐ | 120.000 | 125.339 | 418541.96 | 0.1947 | P | 1.9 | 4.4 |
| 3 | ☐ | 600.000 | 619.132 | 1876355.37 | 0.8739 | A | 1.0 | 3.2 |
| 4 | ☐ | 12500.00 | 12838.79 | 38317962.76 | 17.680 | A | 2.4 | 2.7 |
| 5 | ☐ | 25000.00 | 24892.41 | 75888139.43 | 34.258 | A | 0.6 | -0.4 |
| 6 | ☐ | 50000.00 | 49968.85 | 154114874.3 | 68.747 | A | 1.0 | -0.1 |

y = 0.0014 * x + 0.0224
R = 1.0000
DL = 0.965 ug/l
BEC = 16.25 ug/l

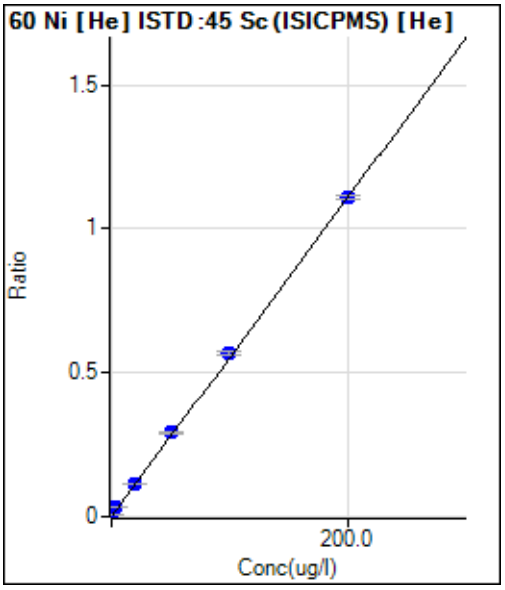
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 33.33 | 0.0006 | P | 35.4 | |
| 2 | ☐ | 4.000 | 4.134 | 4161.77 | 0.0788 | P | 3.1 | 3.4 |
| 3 | ☐ | 20.000 | 20.209 | 20677.96 | 0.3828 | P | 1.6 | 1.0 |
| 4 | ☐ | 50.000 | 51.372 | 51944.05 | 0.9721 | P | 1.3 | 2.7 |
| 5 | ☐ | 100.000 | 102.508 | 104259.95 | 1.9392 | P | 0.1 | 2.5 |
| 6 | ☐ | 200.000 | 198.379 | 205938.13 | 3.7522 | P | 1.4 | -0.8 |

y = 0.0189 * x + 6.2477E-004
R = 0.9998
DL = 0.03509 ug/l
BEC = 0.03304 ug/l

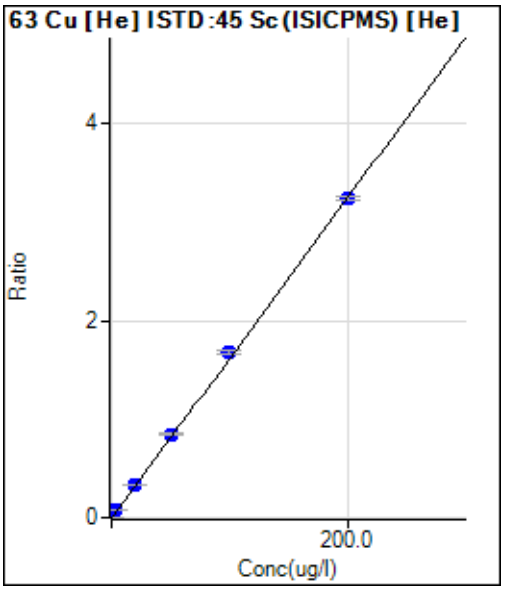
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 358.89 | 0.0067 | P | 4.4 | |
| 2 | ☐ | 4.000 | 4.334 | 1624.55 | 0.0308 | P | 0.5 | 8.3 |
| 3 | ☐ | 20.000 | 19.367 | 6162.54 | 0.1141 | P | 2.3 | -3.2 |
| 4 | ☐ | 50.000 | 51.374 | 15573.43 | 0.2915 | P | 1.5 | 2.7 |
| 5 | ☐ | 100.000 | 101.239 | 30529.82 | 0.5678 | P | 2.0 | 1.2 |
| 6 | ☐ | 200.000 | 199.094 | 60929.01 | 1.1101 | P | 1.2 | -0.5 |

y = 0.0055 * x + 0.0067
R = 0.9999
DL = 0.1597 ug/l
BEC = 1.215 ug/l

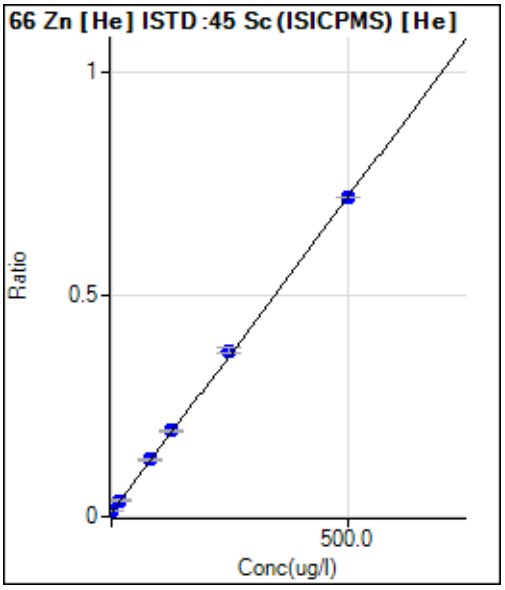
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 442.23 | 0.0083 | P | 4.8 | |
| 2 | ☐ | 4.000 | 4.239 | 4088.42 | 0.0774 | P | 5.1 | 6.0 |
| 3 | ☐ | 20.000 | 20.024 | 18084.29 | 0.3348 | P | 2.3 | 0.1 |
| 4 | ☐ | 50.000 | 51.434 | 45256.13 | 0.8469 | P | 1.3 | 2.9 |
| 5 | ☐ | 100.000 | 102.216 | 90049.58 | 1.6749 | P | 1.9 | 2.2 |
| 6 | ☐ | 200.000 | 198.527 | 178123.62 | 3.2453 | P | 0.8 | -0.7 |

y = 0.0163 * x + 0.0083
R = 0.9999
DL = 0.07326 ug/l
BEC = 0.5089 ug/l

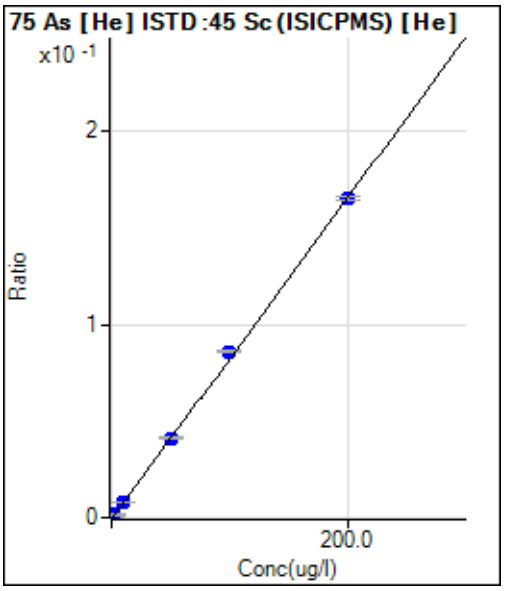
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 675.58 | 0.0127 | P | 4.0 | |
| 2 | ☐ | 16.000 | 16.502 | 1906.81 | 0.0361 | P | 4.0 | 3.1 |
| 3 | ☐ | 80.000 | 81.099 | 6907.35 | 0.1279 | P | 1.3 | 1.4 |
| 4 | ☐ | 125.000 | 126.787 | 10300.61 | 0.1928 | P | 1.1 | 1.4 |
| 5 | ☐ | 250.000 | 254.491 | 20117.15 | 0.3742 | P | 2.5 | 1.8 |
| 6 | ☐ | 500.000 | 497.116 | 39450.50 | 0.7188 | P | 0.6 | -0.6 |

y = 0.0014 * x + 0.0127
R = 0.9999
DL = 1.076 ug/l
BEC = 8.925 ug/l

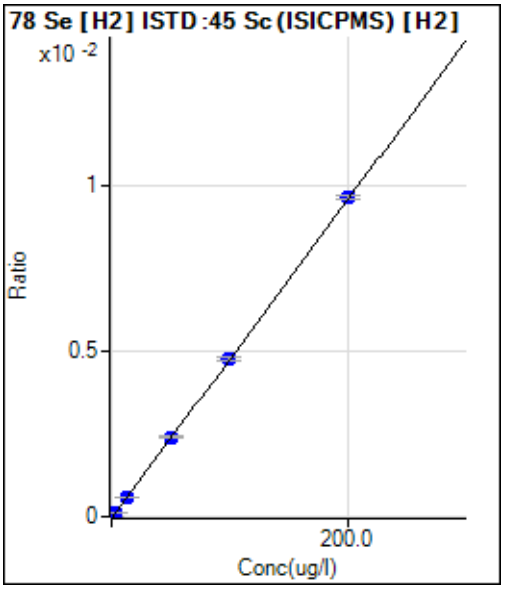
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1.11 | 0.0000 | P | 173. | |
| 2 | ☐ | 2.000 | 2.121 | 94.45 | 0.0018 | P | 34.4 | 6.1 |
| 3 | ☐ | 10.000 | 9.464 | 426.68 | 0.0079 | P | 3.7 | -5.4 |
| 4 | ☐ | 50.000 | 49.394 | 2197.97 | 0.0411 | P | 3.0 | -1.2 |
| 5 | ☐ | 100.000 | 103.238 | 4620.82 | 0.0859 | P | 1.5 | 3.2 |
| 6 | ☐ | 200.000 | 198.558 | 9070.86 | 0.1653 | P | 1.7 | -0.7 |

y = 8.3227E-004 * x + 2.0852E-005
R = 0.9998
DL = 0.1302 ug/l
BEC = 0.02505 ug/l

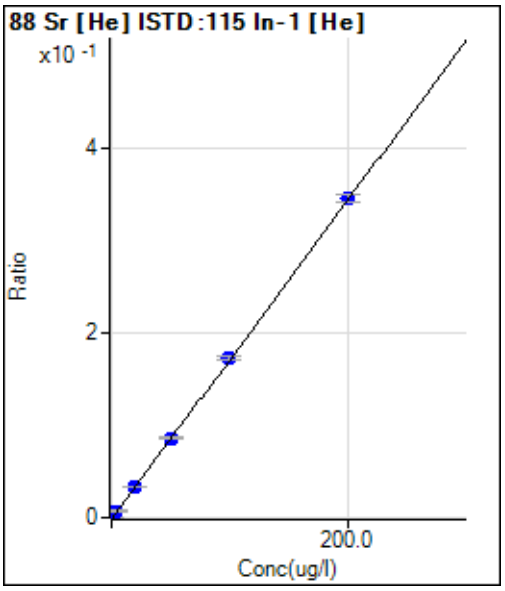
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 100. | |
| 2 | ☐ | 2.500 | 2.200 | 231.11 | 0.0001 | P | 21.6 | -12.0 |
| 3 | ☐ | 12.500 | 12.063 | 1247.85 | 0.0006 | P | 2.9 | -3.5 |
| 4 | ☐ | 50.000 | 49.636 | 5172.14 | 0.0024 | P | 2.6 | -0.7 |
| 5 | ☐ | 100.000 | 99.186 | 10561.97 | 0.0048 | P | 2.1 | -0.8 |
| 6 | ☐ | 200.000 | 200.529 | 21605.13 | 0.0096 | P | 0.7 | 0.3 |

y = 4.8049E-005 * x + 1.5679E-006
R = 1.0000
DL = 0.09824 ug/l
BEC = 0.03263 ug/l

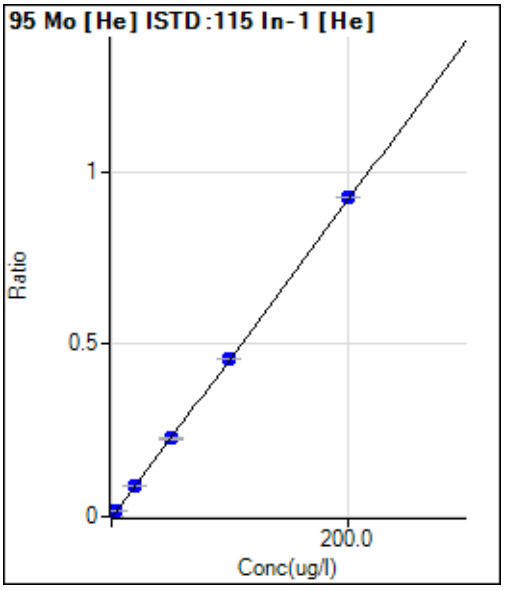
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0002 | P | 43.1 | |
| 2 | ☐ | 4.000 | 4.008 | 550.02 | 0.0071 | P | 9.9 | 0.2 |
| 3 | ☐ | 20.000 | 19.232 | 2581.38 | 0.0334 | P | 1.6 | -3.8 |
| 4 | ☐ | 50.000 | 49.523 | 6584.99 | 0.0858 | P | 1.9 | -1.0 |
| 5 | ☐ | 100.000 | 100.100 | 13381.18 | 0.1733 | P | 1.7 | 0.1 |
| 6 | ☐ | 200.000 | 200.146 | 26458.34 | 0.3463 | P | 1.8 | 0.1 |

y = 0.0017 * x + 1.5820E-004
R = 1.0000
DL = 0.1183 ug/l
BEC = 0.09148 ug/l

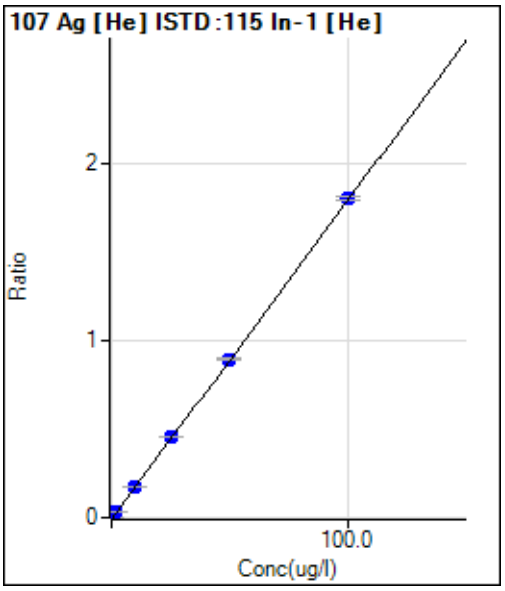
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.55 | 0.0003 | P | 52.7 | |
| 2 | ☐ | 4.000 | 3.802 | 1386.75 | 0.0179 | P | 5.9 | -5.0 |
| 3 | ☐ | 20.000 | 19.588 | 7008.57 | 0.0907 | P | 1.1 | -2.1 |
| 4 | ☐ | 50.000 | 49.174 | 17440.37 | 0.2272 | P | 2.2 | -1.7 |
| 5 | ☐ | 100.000 | 98.832 | 35250.96 | 0.4564 | P | 0.2 | -1.2 |
| 6 | ☐ | 200.000 | 200.836 | 70838.42 | 0.9271 | P | 0.5 | 0.4 |

y = 0.0046 * x + 3.2884E-004
R = 1.0000
DL = 0.1126 ug/l
BEC = 0.07126 ug/l

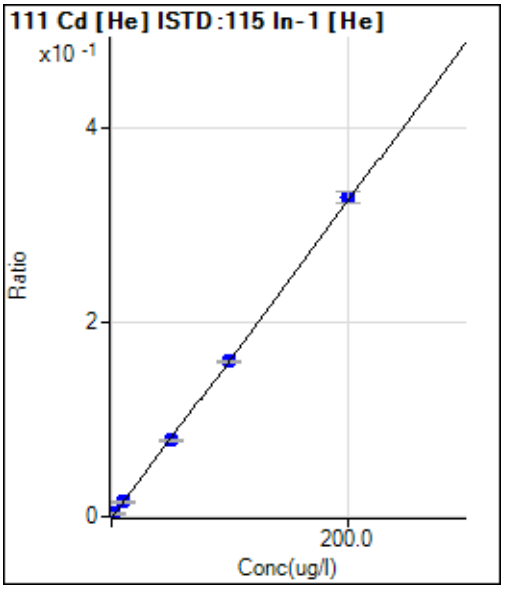
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23.33 | 0.0003 | P | 35.9 | |
| 2 | ☐ | 2.000 | 1.907 | 2683.63 | 0.0346 | P | 3.0 | -4.7 |
| 3 | ☐ | 10.000 | 9.610 | 13374.58 | 0.1731 | P | 0.7 | -3.9 |
| 4 | ☐ | 25.000 | 25.177 | 34774.52 | 0.4531 | P | 0.4 | 0.7 |
| 5 | ☐ | 50.000 | 49.689 | 69036.06 | 0.8939 | P | 0.9 | -0.6 |
| 6 | ☐ | 100.000 | 100.152 | 137636.66 | 1.8014 | P | 0.8 | 0.2 |

y = 0.0180 * x + 2.9907E-004
R = 1.0000
DL = 0.01789 ug/l
BEC = 0.01663 ug/l

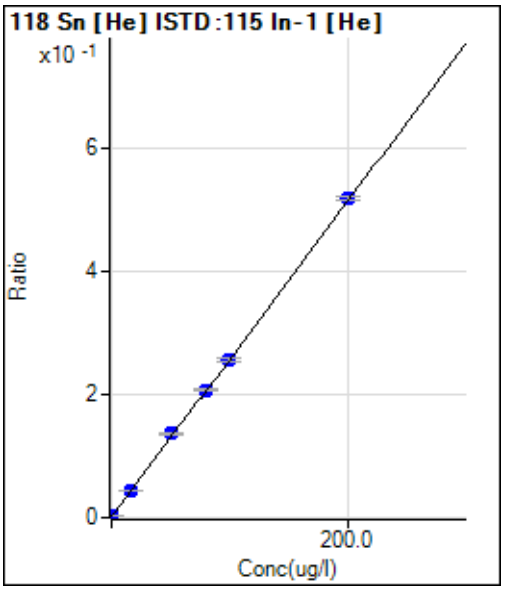
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | | |
| 2 | ☐ | 2.000 | 1.831 | 232.22 | 0.0030 | P | 12.6 | -8.5 |
| 3 | ☐ | 10.000 | 9.355 | 1181.17 | 0.0153 | P | 7.1 | -6.5 |
| 4 | ☐ | 50.000 | 48.178 | 6044.75 | 0.0788 | P | 1.6 | -3.6 |
| 5 | ☐ | 100.000 | 98.119 | 12388.12 | 0.1604 | P | 1.6 | -1.9 |
| 6 | ☐ | 200.000 | 201.430 | 25157.29 | 0.3293 | P | 3.1 | 0.7 |

y = 0.0016 * x + 0.0000E+000
R = 0.9999
DL = 0 ug/l
BEC = 0 ug/l

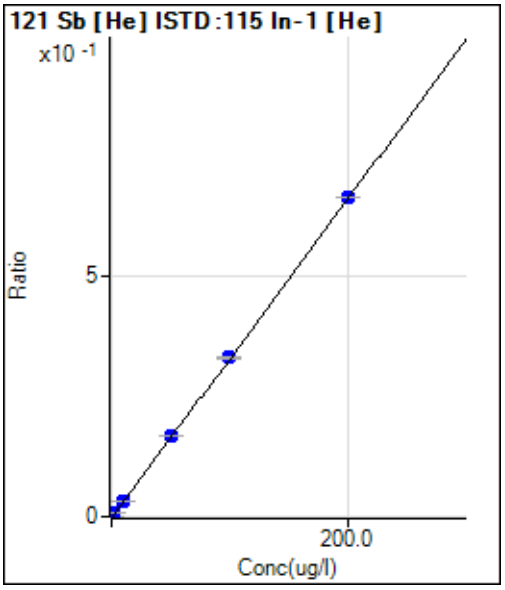
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 332.23 | 0.0043 | P | 1.9 | |
| 2 | ☐ | 16.000 | 15.510 | 3417.14 | 0.0440 | P | 0.9 | -3.1 |
| 3 | ☐ | 80.000 | 79.070 | 15990.90 | 0.2070 | P | 1.3 | -1.2 |
| 4 | ☐ | 50.000 | 51.593 | 10478.68 | 0.1365 | P | 1.9 | 3.2 |
| 5 | ☐ | 100.000 | 98.670 | 19867.31 | 0.2572 | P | 2.2 | -1.3 |
| 6 | ☐ | 200.000 | 200.678 | 39634.13 | 0.5187 | P | 0.6 | 0.3 |

y = 0.0026 * x + 0.0043
R = 0.9999
DL = 0.09591 ug/l
BEC = 1.669 ug/l

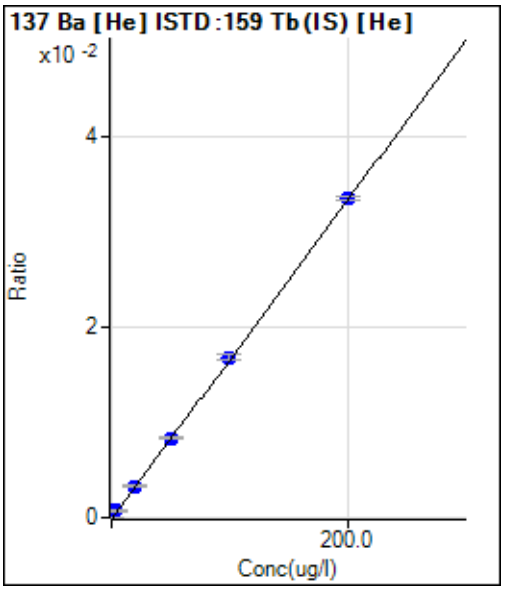
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.56 | 0.0003 | P | 29.0 | |
| 2 | ☐ | 2.000 | 1.906 | 516.68 | 0.0067 | P | 8.2 | -4.7 |
| 3 | ☐ | 10.000 | 9.306 | 2413.57 | 0.0312 | P | 2.6 | -6.9 |
| 4 | ☐ | 50.000 | 50.661 | 12938.66 | 0.1686 | P | 1.5 | 1.3 |
| 5 | ☐ | 100.000 | 99.560 | 25563.79 | 0.3310 | P | 0.7 | -0.4 |
| 6 | ☐ | 200.000 | 200.091 | 50803.44 | 0.6649 | P | 0.6 | 0.0 |

y = 0.0033 * x + 3.2805E-004
R = 1.0000
DL = 0.08581 ug/l
BEC = 0.09877 ug/l

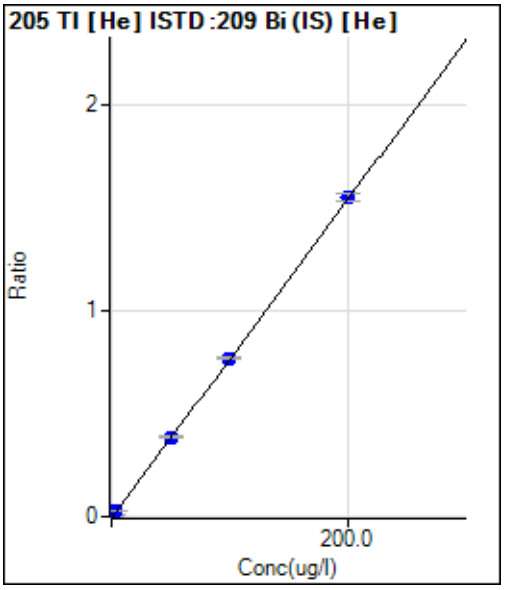
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6.67 | 0.0000 | P | 50.0 | |
| 2 | ☐ | 4.000 | 4.212 | 323.34 | 0.0007 | P | 12.9 | 5.3 |
| 3 | ☐ | 20.000 | 19.249 | 1441.20 | 0.0032 | P | 6.2 | -3.8 |
| 4 | ☐ | 50.000 | 49.693 | 3711.67 | 0.0083 | P | 3.8 | -0.6 |
| 5 | ☐ | 100.000 | 100.176 | 7456.62 | 0.0168 | P | 3.6 | 0.2 |
| 6 | ☐ | 200.000 | 200.060 | 14982.03 | 0.0335 | P | 1.3 | 0.0 |

y = 1.6729E-004 * x + 1.4759E-005
R = 1.0000
DL = 0.1325 ug/l
BEC = 0.08822 ug/l

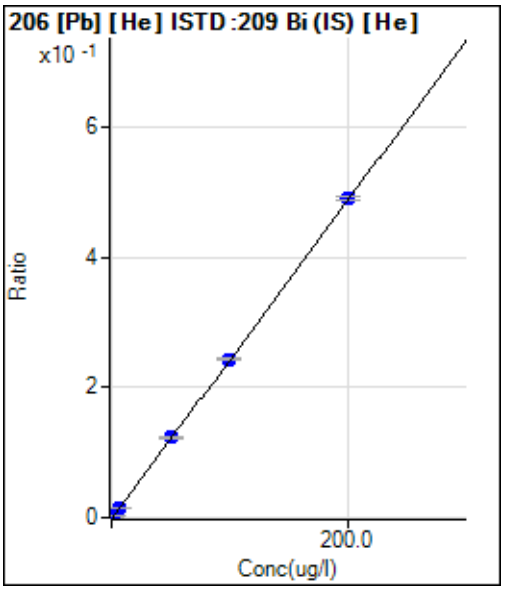
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 364.45 | 0.0010 | P | 3.7 | |
| 2 | ☐ | 0.800 | 0.765 | 2484.71 | 0.0069 | P | 2.2 | -4.3 |
| 3 | ☐ | 4.000 | 3.900 | 11135.05 | 0.0312 | P | 2.5 | -2.5 |
| 4 | ☐ | 50.000 | 49.841 | 136229.37 | 0.3865 | P | 1.5 | -0.3 |
| 5 | ☐ | 100.000 | 99.393 | 269695.03 | 0.7698 | P | 0.6 | -0.6 |
| 6 | ☐ | 200.000 | 200.345 | 528843.18 | 1.5507 | P | 2.0 | 0.2 |

y = 0.0077 * x + 0.0010
R = 1.0000
DL = 0.01432 ug/l
BEC = 0.1303 ug/l

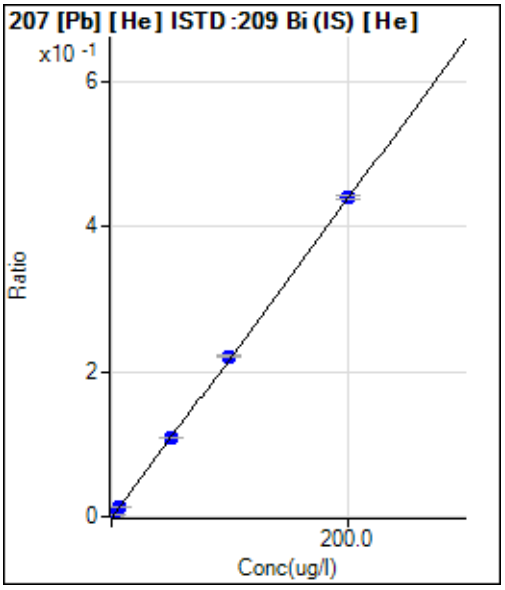
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 101.11 | 0.0003 | P | 23.0 | |
| 2 | ☐ | 1.200 | 1.205 | 1157.84 | 0.0032 | P | 4.4 | 0.4 |
| 3 | ☐ | 6.000 | 5.962 | 5310.05 | 0.0149 | P | 1.9 | -0.6 |
| 4 | ☐ | 50.000 | 50.211 | 43401.04 | 0.1231 | P | 1.4 | 0.4 |
| 5 | ☐ | 100.000 | 99.294 | 85219.61 | 0.2432 | P | 1.2 | -0.7 |
| 6 | ☐ | 200.000 | 200.301 | 167245.63 | 0.4904 | P | 1.5 | 0.2 |

y = 0.0024 * x + 2.7944E-004
R = 1.0000
DL = 0.07871 ug/l
BEC = 0.1142 ug/l

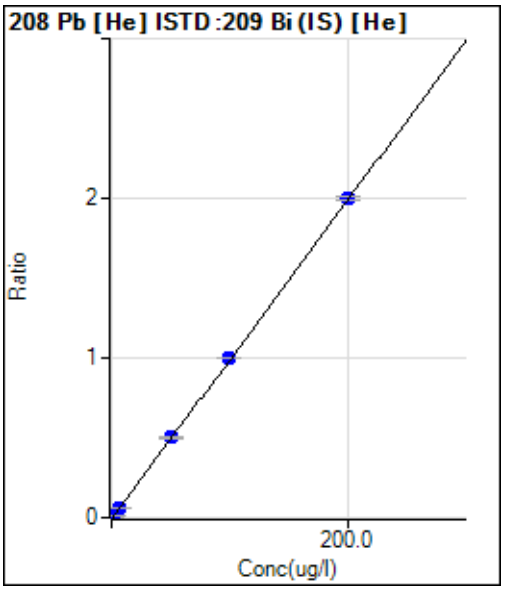
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0002 | P | 25.8 | |
| 2 | ☐ | 1.200 | 1.120 | 972.27 | 0.0027 | P | 6.7 | -6.7 |
| 3 | ☐ | 6.000 | 5.865 | 4699.80 | 0.0132 | P | 3.2 | -2.3 |
| 4 | ☐ | 50.000 | 49.689 | 38648.86 | 0.1097 | P | 0.6 | -0.6 |
| 5 | ☐ | 100.000 | 100.347 | 77493.51 | 0.2212 | P | 1.3 | 0.3 |
| 6 | ☐ | 200.000 | 199.909 | 150211.38 | 0.4404 | P | 1.0 | 0.0 |

y = 0.0022 * x + 2.4527E-004
R = 1.0000
DL = 0.08617 ug/l
BEC = 0.1114 ug/l

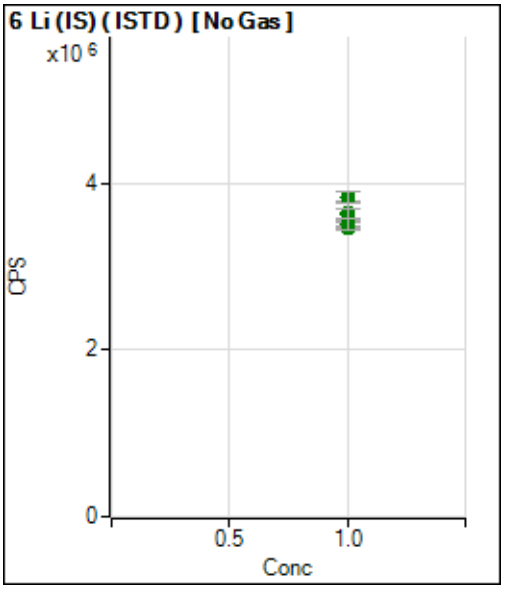
Weight: <None>
Min Conc: <None>



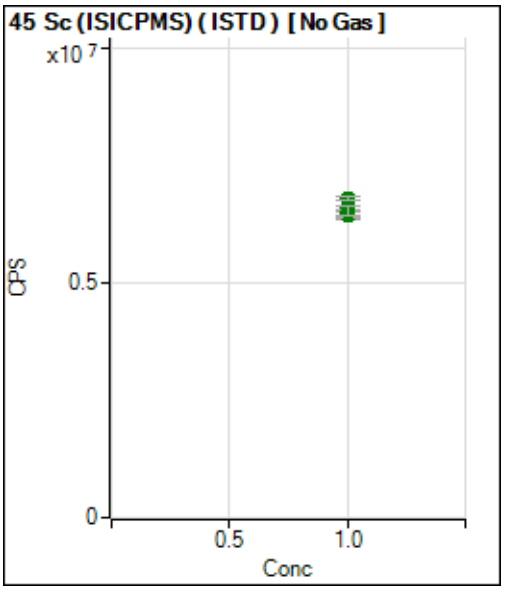

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 358.89 | 0.0010 | P | 10.7 | |
| 2 | ☐ | 1.200 | 1.165 | 4534.80 | 0.0126 | P | 2.8 | -2.9 |
| 3 | ☐ | 6.000 | 5.958 | 21638.67 | 0.0606 | P | 0.5 | -0.7 |
| 4 | ☐ | 50.000 | 50.065 | 176824.00 | 0.5017 | P | 1.1 | 0.1 |
| 5 | ☐ | 100.000 | 99.710 | 349706.80 | 0.9982 | P | 0.5 | -0.3 |
| 6 | ☐ | 200.000 | 200.130 | 682970.11 | 2.0025 | P | 0.8 | 0.1 |

y = 0.0100 * x + 9.9168E-004
R = 1.0000
DL = 0.03168 ug/l
BEC = 0.09916 ug/l

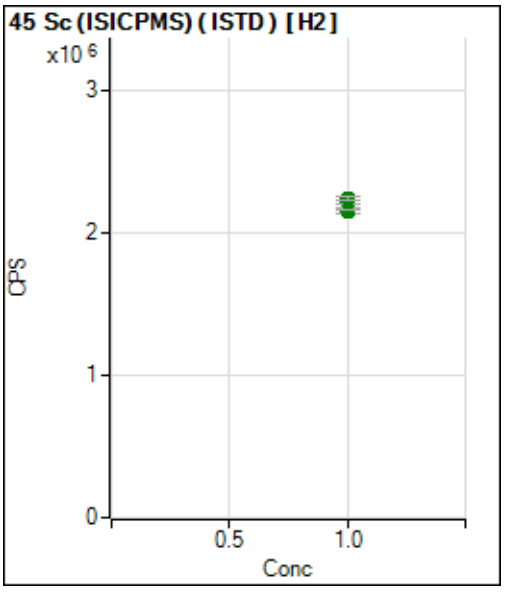
Weight: <None>
Min Conc: <None>



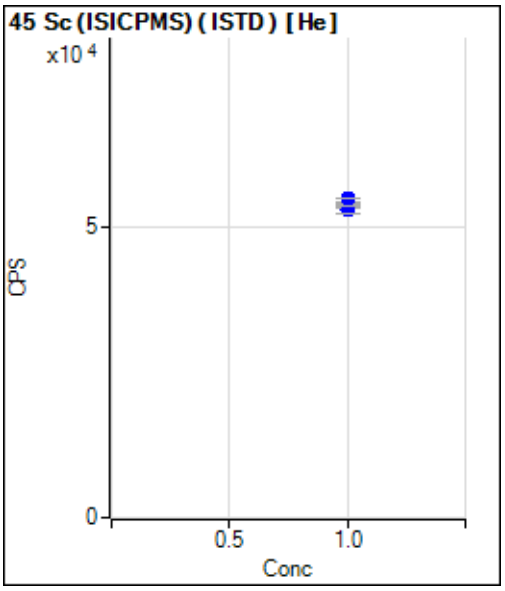

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3653854.81 | | A | 7.0 | |
| 2 | ☐ | 1.000 | | 3659452.65 | | A | 5.3 | |
| 3 | ☐ | 1.000 | | 3626475.26 | | A | 4.1 | |
| 4 | ☐ | 1.000 | | 3835031.40 | | A | 3.0 | |
| 5 | ☐ | 1.000 | | 3473012.28 | | A | 1.1 | |
| 6 | ☐ | 1.000 | | 3518773.94 | | A | 3.9 | |



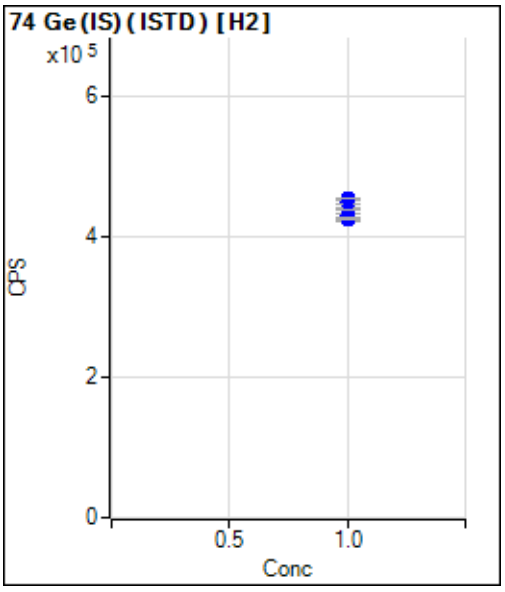

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6601387.33 | | A | 5.1 | |
| 2 | ☐ | 1.000 | | 6477230.60 | | A | 1.8 | |
| 3 | ☐ | 1.000 | | 6452343.58 | | A | 3.1 | |
| 4 | ☐ | 1.000 | | 6806739.90 | | A | 1.3 | |
| 5 | ☐ | 1.000 | | 6420694.56 | | A | 0.8 | |
| 6 | ☐ | 1.000 | | 6536733.86 | | A | 2.7 | |



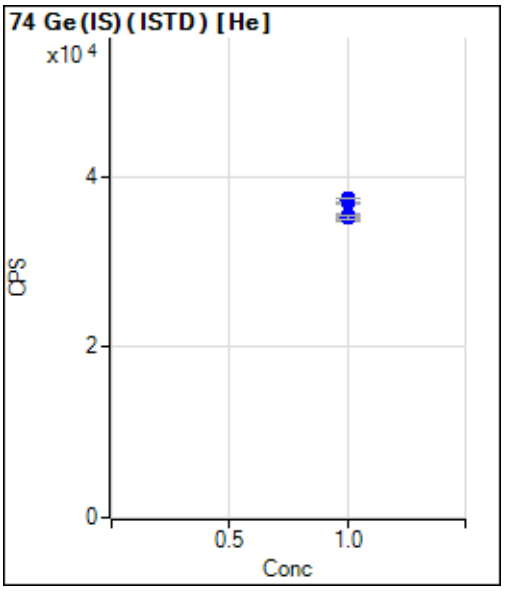

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2149521.88 | | A | 1.7 | |
| 2 | ☐ | 1.000 | | 2149727.42 | | A | 1.6 | |
| 3 | ☐ | 1.000 | | 2147224.78 | | A | 0.7 | |
| 4 | ☐ | 1.000 | | 2167502.59 | | A | 0.8 | |
| 5 | ☐ | 1.000 | | 2215272.52 | | A | 1.3 | |
| 6 | ☐ | 1.000 | | 2241869.26 | | A | 0.8 | |



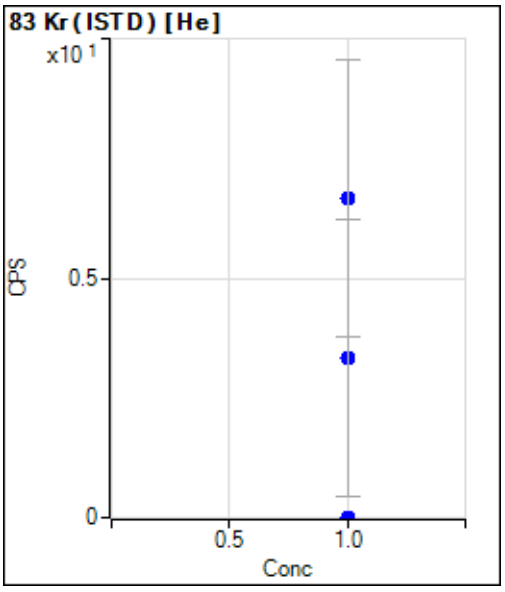

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 53282.74 | | P | 0.7 | |
| 2 | ☐ | 1.000 | | 52823.09 | | P | 1.9 | |
| 3 | ☐ | 1.000 | | 54021.06 | | P | 0.6 | |
| 4 | ☐ | 1.000 | | 53437.60 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 53765.79 | | P | 0.4 | |
| 6 | ☐ | 1.000 | | 54885.65 | | P | 0.5 | |



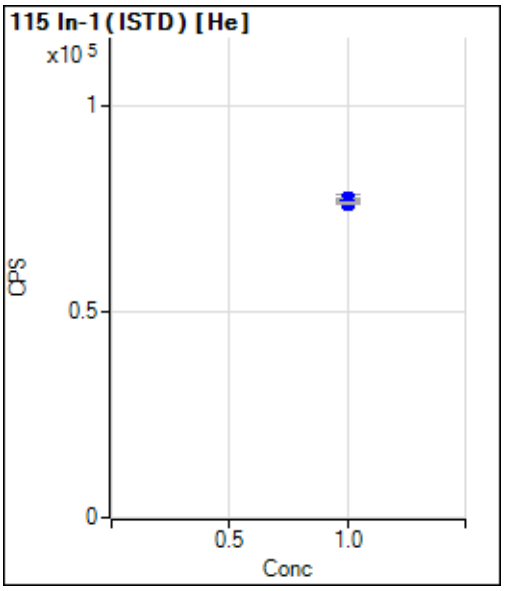

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 429983.75 | | P | 1.3 | |
| 2 | ☐ | 1.000 | | 425135.59 | | P | 0.8 | |
| 3 | ☐ | 1.000 | | 427370.75 | | P | 0.3 | |
| 4 | ☐ | 1.000 | | 439644.81 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 450550.16 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 455658.53 | | P | 0.3 | |



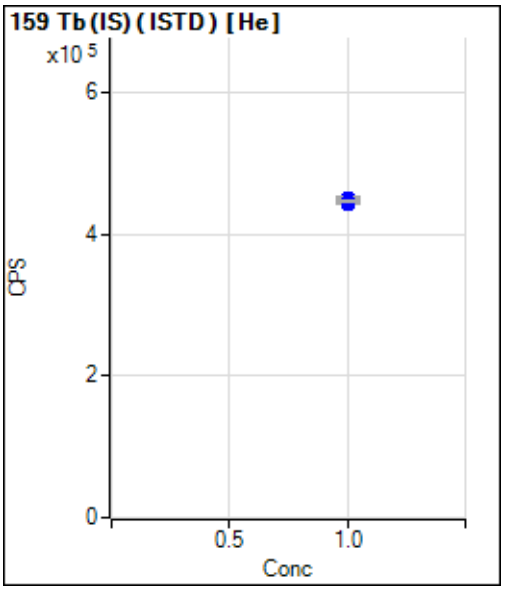

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 35168.98 | | P | 2.4 | |
| 2 | ☐ | 1.000 | | 35450.78 | | P | 1.3 | |
| 3 | ☐ | 1.000 | | 35078.76 | | P | 1.3 | |
| 4 | ☐ | 1.000 | | 36857.91 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 37211.18 | | P | 1.5 | |
| 6 | ☐ | 1.000 | | 37409.35 | | P | 0.3 | |



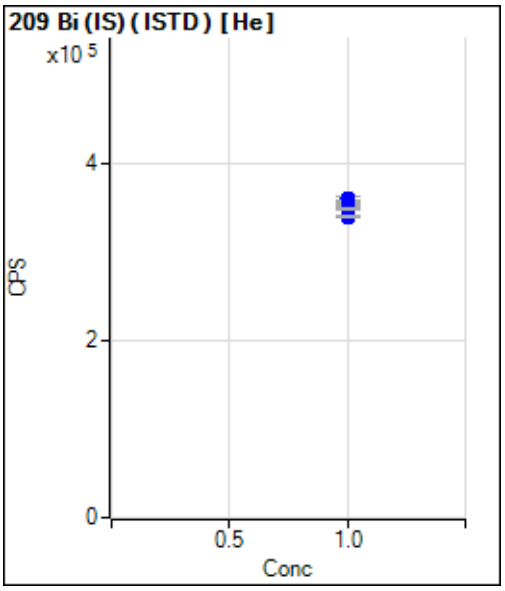

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 0.00 | | P | | |
| 3 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 4 | ☐ | 1.000 | | 6.67 | | P | 86.6 | |
| 5 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 6 | ☐ | 1.000 | | 6.67 | | P | 86.6 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 77683.70 | | P | 1.9 | |
| 2 | ☐ | 1.000 | | 77597.53 | | P | 0.4 | |
| 3 | ☐ | 1.000 | | 77257.63 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 76753.54 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 77236.07 | | P | 0.8 | |
| 6 | ☐ | 1.000 | | 76408.89 | | P | 0.8 | |



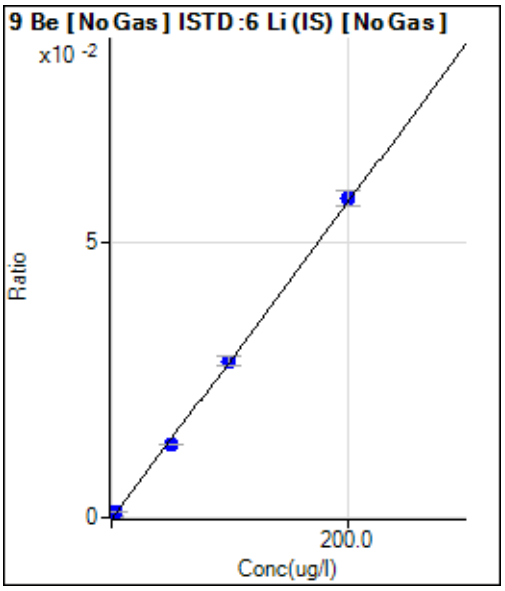

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 451680.67 | | P | 0.1 | |
| 2 | ☐ | 1.000 | | 450010.91 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 445343.43 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 445725.64 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 444545.12 | | P | 0.6 | |
| 6 | ☐ | 1.000 | | 447422.31 | | P | 0.8 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 361812.59 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 358663.79 | | P | 0.4 | |
| 3 | ☐ | 1.000 | | 357189.30 | | P | 0.7 | |
| 4 | ☐ | 1.000 | | 352453.62 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 350343.30 | | P | 0.6 | |
| 6 | ☐ | 1.000 | | 341071.98 | | P | 0.9 | |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021125_B.b\
Analysis File: NM021125_B.batch.bin
DA Date-Time: 2025-02-11 22:39:58
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

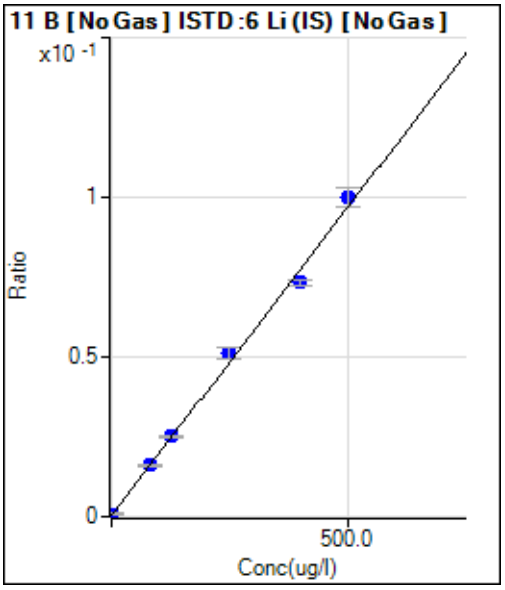
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-11 20:17:19 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-11 20:20:20 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-11 20:23:06 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-11 20:25:51 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-11 20:28:35 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-11 20:31:21 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 74.4 | |
| 2 | ☐ | 0.800 | 0.723 | 797.80 | 0.0002 | P | 7.5 | -9.6 |
| 3 | ☐ | 4.000 | 3.632 | 4087.28 | 0.0010 | P | 4.5 | -9.2 |
| 4 | ☐ | 50.000 | 46.023 | 51535.03 | 0.0133 | P | 0.8 | -8.0 |
| 5 | ☐ | 100.000 | 98.715 | 102694.16 | 0.0285 | P | 6.4 | -1.3 |
| 6 | ☐ | 200.000 | 201.645 | 215144.50 | 0.0581 | P | 4.6 | 0.8 |

y = 2.8824E-004 * x + 2.9975E-006
R = 0.9998
DL = 0.0232 ug/l
BEC = 0.0104 ug/l

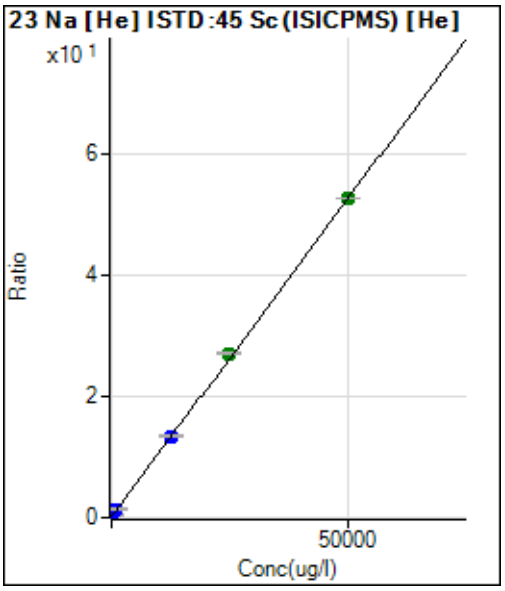
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3287.07 | 0.0009 | P | 6.1 | |
| 2 | ☐ | 80.000 | 78.177 | 60315.61 | 0.0160 | P | 3.7 | -2.3 |
| 3 | ☐ | 400.000 | 375.913 | 286297.46 | 0.0735 | P | 2.6 | -6.0 |
| 4 | ☐ | 125.000 | 125.266 | 97424.11 | 0.0251 | P | 4.3 | 0.2 |
| 5 | ☐ | 250.000 | 261.537 | 185612.83 | 0.0514 | P | 6.6 | 4.6 |
| 6 | ☐ | 500.000 | 513.726 | 370727.61 | 0.1002 | P | 5.6 | 2.7 |

y = 1.9329E-004 * x + 8.8420E-004
R = 0.9976
DL = 0.839 ug/l
BEC = 4.574 ug/l

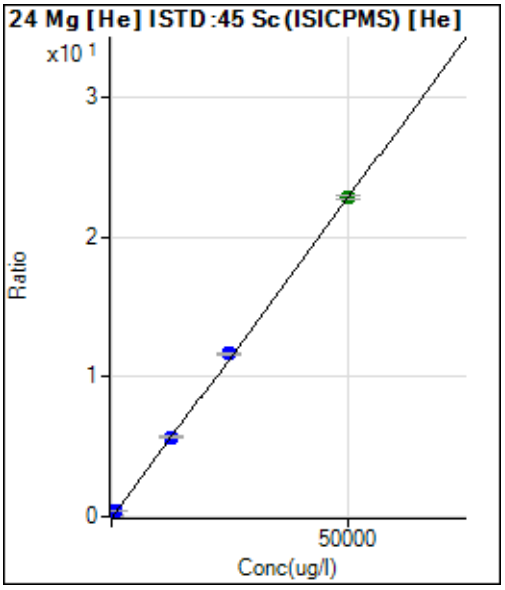
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16802.35 | 0.3981 | P | 0.6 | |
| 2 | ☐ | 200.000 | 225.733 | 26490.60 | 0.6356 | P | 0.6 | 12.9 |
| 3 | ☐ | 1000.000 | 979.291 | 60252.37 | 1.4284 | P | 1.5 | -2.1 |
| 4 | ☐ | 12500.00 | 12441.46 | 545732.96 | 13.487 | P | 1.7 | -0.5 |
| 5 | ☐ | 25000.00 | 25394.87 | 1081867.48 | 27.115 | A | 1.2 | 1.6 |
| 6 | ☐ | 50000.00 | 49817.51 | 2187791.48 | 52.809 | A | 0.3 | -0.4 |

y = 0.0011 * x + 0.3981
R = 1.0000
DL = 6.267 ug/l
BEC = 378.4 ug/l

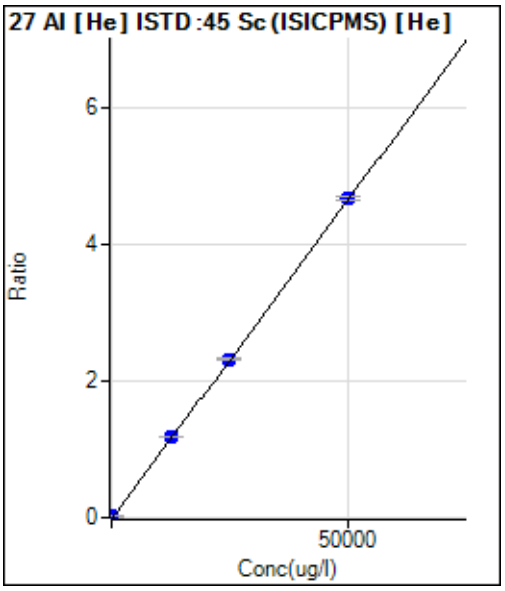
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 65.56 | 0.0016 | P | 24.6 | |
| 2 | ☐ | 200.000 | 201.561 | 3915.02 | 0.0939 | P | 1.3 | 0.8 |
| 3 | ☐ | 1000.000 | 978.776 | 18993.00 | 0.4502 | P | 0.4 | -2.1 |
| 4 | ☐ | 12500.00 | 12330.85 | 228756.84 | 5.6538 | P | 2.1 | -1.4 |
| 5 | ☐ | 25000.00 | 25397.31 | 464582.61 | 11.643 | P | 1.1 | 1.6 |
| 6 | ☐ | 50000.00 | 49844.04 | 946606.06 | 22.849 | A | 1.0 | -0.3 |

y = 4.5838E-004 * x + 0.0016
R = 0.9999
DL = 2.499 ug/l
BEC = 3.385 ug/l

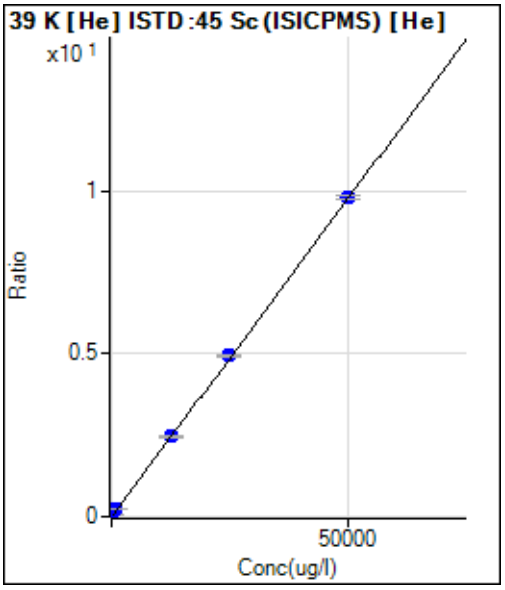
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 28.89 | 0.0007 | P | 16.8 | |
| 2 | ☐ | 40.000 | 39.307 | 181.12 | 0.0043 | P | 3.1 | -1.7 |
| 3 | ☐ | 200.000 | 198.909 | 811.14 | 0.0192 | P | 9.8 | -0.5 |
| 4 | ☐ | 12500.00 | 12587.31 | 47494.16 | 1.1736 | P | 0.2 | 0.7 |
| 5 | ☐ | 25000.00 | 24833.21 | 92354.48 | 2.3147 | P | 1.3 | -0.7 |
| 6 | ☐ | 50000.00 | 50061.57 | 193278.98 | 4.6655 | P | 1.6 | 0.1 |

y = 9.3182E-005 * x + 6.8382E-004
R = 1.0000
DL = 3.697 ug/l
BEC = 7.338 ug/l

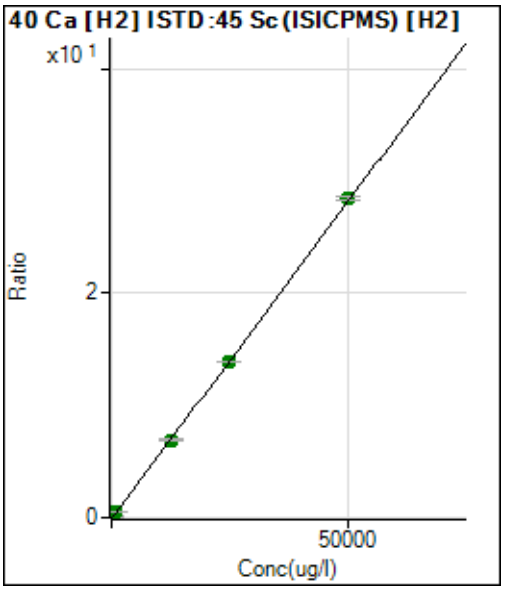
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1681.23 | 0.0398 | P | 8.8 | |
| 2 | ☐ | 200.000 | 221.307 | 3462.68 | 0.0831 | P | 1.6 | 10.7 |
| 3 | ☐ | 1000.000 | 996.458 | 9895.81 | 0.2346 | P | 1.7 | -0.4 |
| 4 | ☐ | 12500.00 | 12413.50 | 99775.31 | 2.4661 | P | 2.5 | -0.7 |
| 5 | ☐ | 25000.00 | 25064.31 | 197068.36 | 4.9387 | P | 0.4 | 0.3 |
| 6 | ☐ | 50000.00 | 49989.45 | 406417.02 | 9.8103 | P | 1.1 | 0.0 |

y = 1.9545E-004 * x + 0.0398
R = 1.0000
DL = 53.52 ug/l
BEC = 203.8 ug/l

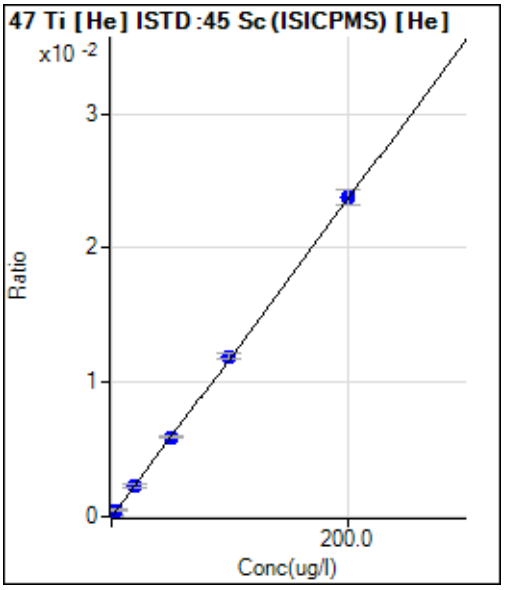
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 46711.92 | 0.0273 | P | 1.3 | |
| 2 | ☐ | 200.000 | 201.075 | 239638.98 | 0.1410 | P | 1.3 | 0.5 |
| 3 | ☐ | 1000.000 | 1000.193 | 1024511.08 | 0.5929 | A | 1.7 | 0.0 |
| 4 | ☐ | 12500.00 | 12184.70 | 11679595.66 | 6.9182 | A | 2.4 | -2.5 |
| 5 | ☐ | 25000.00 | 24547.22 | 23439486.32 | 13.909 | A | 0.9 | -1.8 |
| 6 | ☐ | 50000.00 | 50305.20 | 47099177.08 | 28.476 | A | 1.7 | 0.6 |

y = 5.6554E-004 * x + 0.0273
R = 0.9999
DL = 1.855 ug/l
BEC = 48.24 ug/l

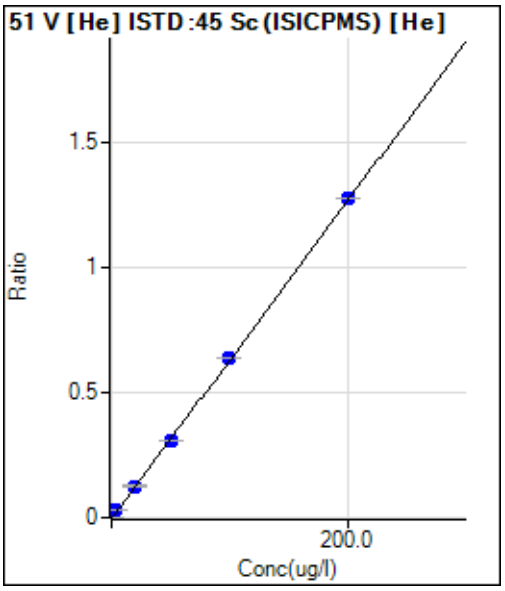
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0001 | P | 62.1 | |
| 2 | ☐ | 4.000 | 3.523 | 20.67 | 0.0005 | P | 23.3 | -11.9 |
| 3 | ☐ | 20.000 | 18.640 | 96.34 | 0.0023 | P | 13.8 | -6.8 |
| 4 | ☐ | 50.000 | 49.471 | 240.36 | 0.0059 | P | 1.8 | -1.1 |
| 5 | ☐ | 100.000 | 100.201 | 476.72 | 0.0120 | P | 4.1 | 0.2 |
| 6 | ☐ | 200.000 | 200.177 | 985.80 | 0.0238 | P | 5.4 | 0.1 |

y = 1.1848E-004 * x + 7.8849E-005
R = 1.0000
DL = 1.239 ug/l
BEC = 0.6655 ug/l

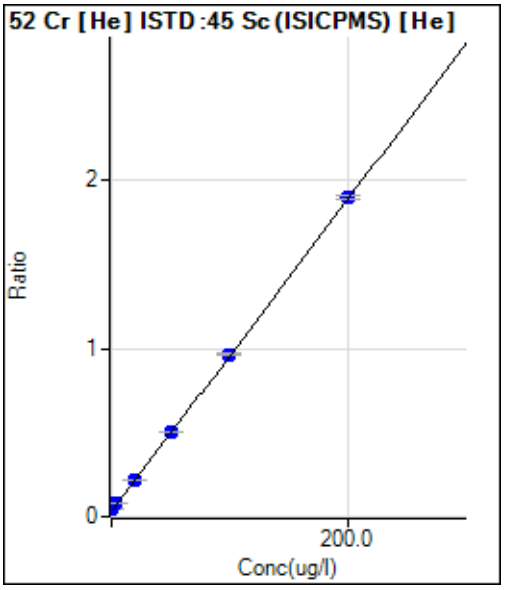
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0014 | P | 17.8 | |
| 2 | ☐ | 4.000 | 4.111 | 1150.06 | 0.0276 | P | 2.4 | 2.8 |
| 3 | ☐ | 20.000 | 19.658 | 5343.31 | 0.1267 | P | 1.0 | -1.7 |
| 4 | ☐ | 50.000 | 48.151 | 12471.30 | 0.3082 | P | 1.7 | -3.7 |
| 5 | ☐ | 100.000 | 100.039 | 25492.63 | 0.6389 | P | 0.2 | 0.0 |
| 6 | ☐ | 200.000 | 200.475 | 52978.58 | 1.2788 | P | 0.6 | 0.2 |

y = 0.0064 * x + 0.0014
R = 0.9999
DL = 0.1173 ug/l
BEC = 0.2191 ug/l

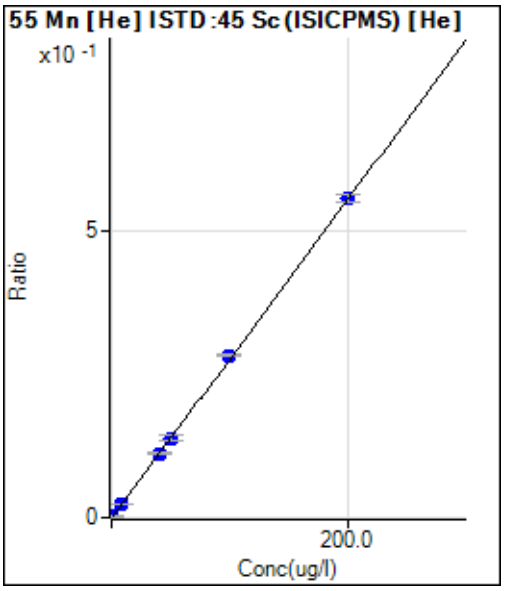
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1741.23 | 0.0413 | P | 5.8 | |
| 2 | ☐ | 4.000 | 3.975 | 3254.85 | 0.0781 | P | 2.4 | -0.6 |
| 3 | ☐ | 20.000 | 19.454 | 9344.36 | 0.2215 | P | 1.0 | -2.7 |
| 4 | ☐ | 50.000 | 49.332 | 20167.08 | 0.4983 | P | 0.3 | -1.3 |
| 5 | ☐ | 100.000 | 99.711 | 38508.37 | 0.9651 | P | 1.4 | -0.3 |
| 6 | ☐ | 200.000 | 200.367 | 78618.34 | 1.8977 | P | 1.2 | 0.2 |

y = 0.0093 * x + 0.0413
R = 1.0000
DL = 0.7734 ug/l
BEC = 4.455 ug/l

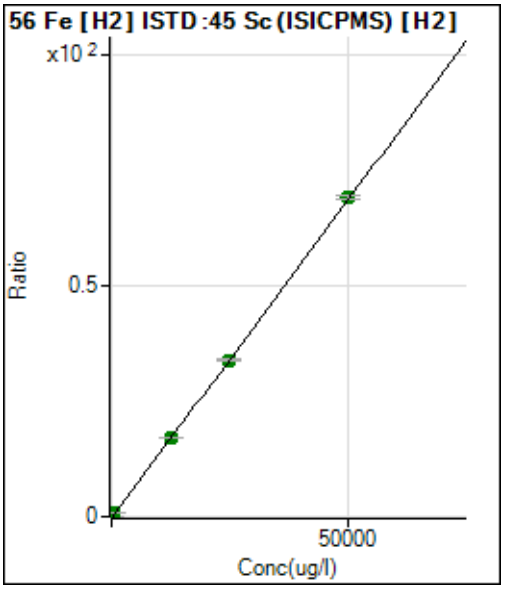
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 71.11 | 0.0017 | P | 22.2 | |
| 2 | ☐ | 8.000 | 7.542 | 943.38 | 0.0226 | P | 5.2 | -5.7 |
| 3 | ☐ | 40.000 | 39.541 | 4705.28 | 0.1115 | P | 2.3 | -1.1 |
| 4 | ☐ | 50.000 | 49.062 | 5578.95 | 0.1379 | P | 6.6 | -1.9 |
| 5 | ☐ | 100.000 | 101.279 | 11292.50 | 0.2830 | P | 1.5 | 1.3 |
| 6 | ☐ | 200.000 | 199.706 | 23047.19 | 0.5563 | P | 2.7 | -0.1 |

y = 0.0028 * x + 0.0017
R = 1.0000
DL = 0.4026 ug/l
BEC = 0.6059 ug/l

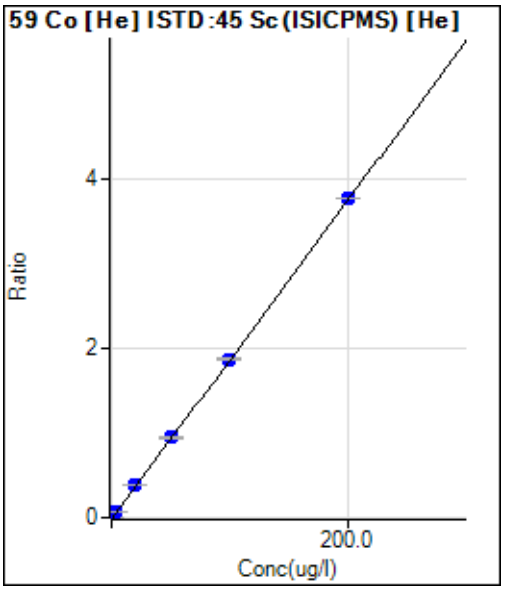
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 41604.34 | 0.0243 | P | 2.8 | |
| 2 | ☐ | 120.000 | 120.710 | 323527.43 | 0.1904 | P | 1.5 | 0.6 |
| 3 | ☐ | 600.000 | 606.216 | 1482951.71 | 0.8582 | A | 2.0 | 1.0 |
| 4 | ☐ | 12500.00 | 12431.76 | 28916132.90 | 17.125 | A | 1.3 | -0.5 |
| 5 | ☐ | 25000.00 | 24607.15 | 57083784.15 | 33.874 | A | 1.2 | -1.6 |
| 6 | ☐ | 50000.00 | 50213.40 | 114286491.6 | 69.099 | A | 1.6 | 0.4 |

y = 0.0014 * x + 0.0243
R = 1.0000
DL = 1.461 ug/l
BEC = 17.67 ug/l

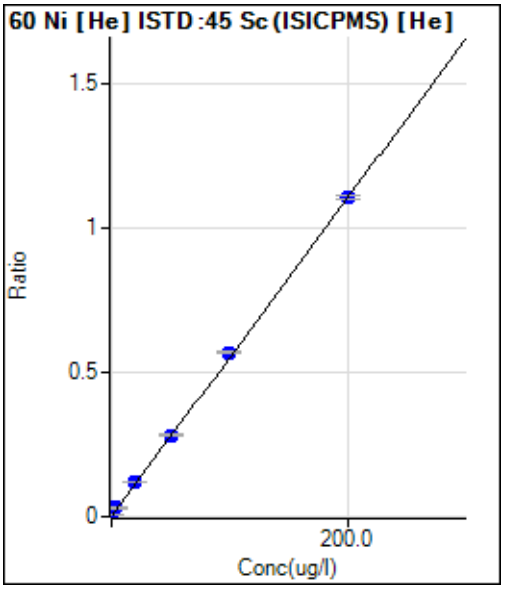
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 43.33 | 0.0010 | P | 22.2 | |
| 2 | ☐ | 4.000 | 3.976 | 3162.61 | 0.0759 | P | 1.9 | -0.6 |
| 3 | ☐ | 20.000 | 20.007 | 15931.58 | 0.3777 | P | 1.4 | 0.0 |
| 4 | ☐ | 50.000 | 50.293 | 38353.78 | 0.9479 | P | 1.8 | 0.6 |
| 5 | ☐ | 100.000 | 99.171 | 74532.15 | 1.8681 | P | 1.5 | -0.8 |
| 6 | ☐ | 200.000 | 200.341 | 156296.33 | 3.7728 | P | 0.5 | 0.2 |

y = 0.0188 * x + 0.0010
R = 1.0000
DL = 0.03619 ug/l
BEC = 0.05446 ug/l

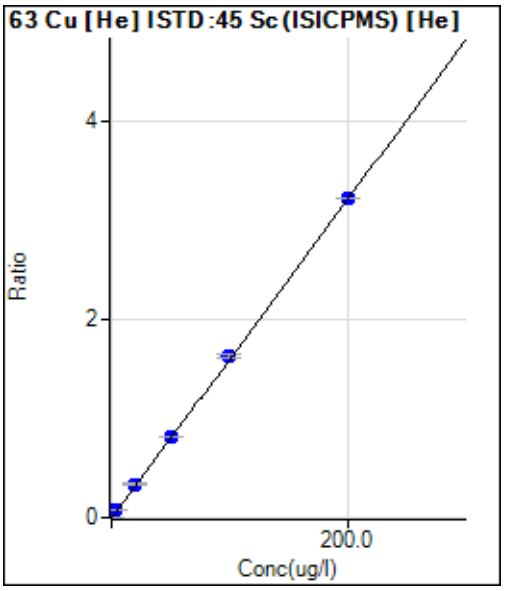
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 316.67 | 0.0075 | P | 9.3 | |
| 2 | ☐ | 4.000 | 4.109 | 1256.74 | 0.0302 | P | 4.7 | 2.7 |
| 3 | ☐ | 20.000 | 20.051 | 4982.05 | 0.1181 | P | 1.6 | 0.3 |
| 4 | ☐ | 50.000 | 49.829 | 11422.62 | 0.2823 | P | 1.7 | -0.3 |
| 5 | ☐ | 100.000 | 101.501 | 22634.39 | 0.5673 | P | 1.3 | 1.5 |
| 6 | ☐ | 200.000 | 199.285 | 45841.20 | 1.1065 | P | 0.7 | -0.4 |

y = 0.0055 * x + 0.0075
R = 1.0000
DL = 0.3791 ug/l
BEC = 1.36 ug/l

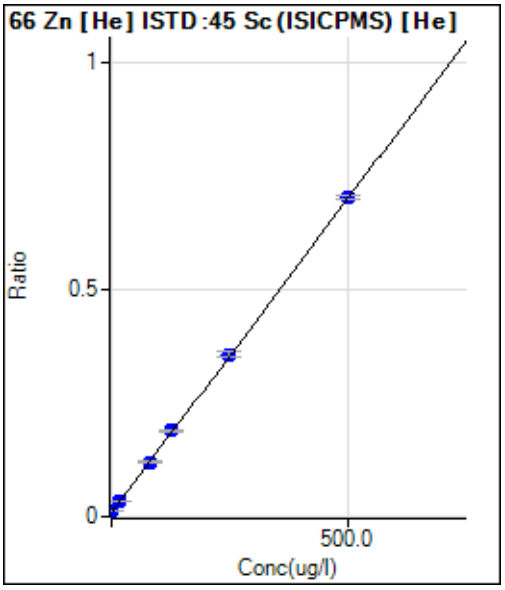
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 301.12 | 0.0071 | P | 13.5 | |
| 2 | ☐ | 4.000 | 4.036 | 3009.25 | 0.0722 | P | 4.3 | 0.9 |
| 3 | ☐ | 20.000 | 20.524 | 14255.31 | 0.3380 | P | 2.6 | 2.6 |
| 4 | ☐ | 50.000 | 50.076 | 32954.34 | 0.8144 | P | 1.6 | 0.2 |
| 5 | ☐ | 100.000 | 100.736 | 65077.99 | 1.6311 | P | 1.6 | 0.7 |
| 6 | ☐ | 200.000 | 199.560 | 133576.95 | 3.2243 | P | 0.2 | -0.2 |

y = 0.0161 * x + 0.0071
R = 1.0000
DL = 0.1789 ug/l
BEC = 0.4422 ug/l

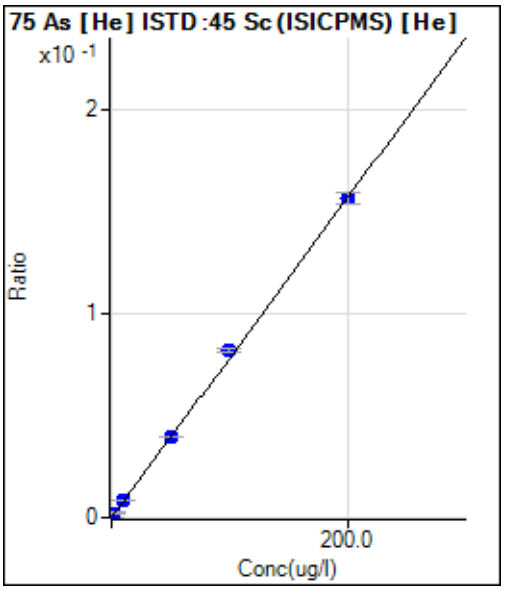
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 517.79 | 0.0123 | P | 9.0 | |
| 2 | ☐ | 16.000 | 15.566 | 1407.86 | 0.0338 | P | 0.7 | -2.7 |
| 3 | ☐ | 80.000 | 77.821 | 5052.08 | 0.1198 | P | 5.4 | -2.7 |
| 4 | ☐ | 125.000 | 128.505 | 7683.33 | 0.1899 | P | 2.7 | 2.8 |
| 5 | ☐ | 250.000 | 249.870 | 14266.42 | 0.3576 | P | 2.8 | -0.1 |
| 6 | ☐ | 500.000 | 499.551 | 29111.12 | 0.7027 | P | 1.2 | -0.1 |

y = 0.0014 * x + 0.0123
R = 1.0000
DL = 2.393 ug/l
BEC = 8.875 ug/l

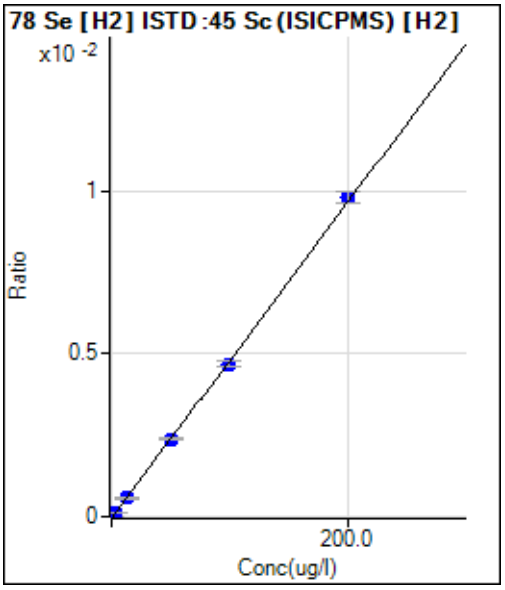
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -0.868 | 4.44 | 0.0001 | P | 44.2 | |
| 2 | ☐ | 2.000 | 1.776 | 91.11 | 0.0022 | P | 18.6 | -11.2 |
| 3 | ☐ | 10.000 | 9.773 | 357.79 | 0.0085 | P | 1.5 | -2.3 |
| 4 | ☐ | 50.000 | 49.407 | 1605.66 | 0.0397 | P | 1.2 | -1.2 |
| 5 | ☐ | 100.000 | 103.502 | 3282.64 | 0.0823 | P | 1.6 | 3.5 |
| 6 | ☐ | 200.000 | 198.411 | 6502.72 | 0.1570 | P | 3.5 | -0.8 |

y = 7.871337E-004 * x + 7.888186E-004
R = 0.9997
DL = 0.1777 ug/l
BEC = 1.002 ug/l

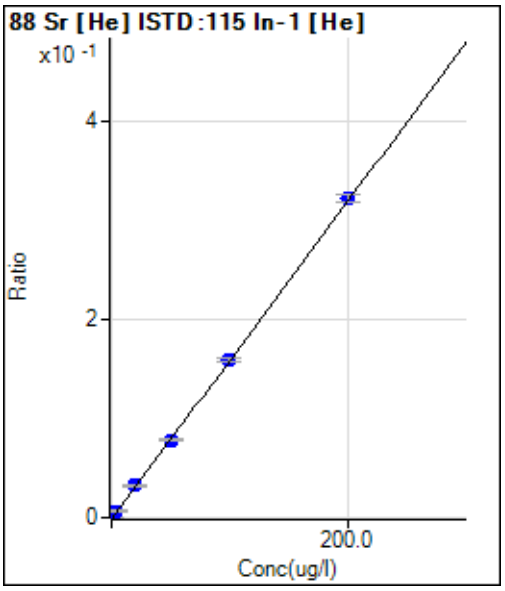
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.44 | 0.0000 | P | 41.5 | |
| 2 | ☐ | 2.500 | 2.333 | 196.67 | 0.0001 | P | 7.9 | -6.7 |
| 3 | ☐ | 12.500 | 11.519 | 970.04 | 0.0006 | P | 1.8 | -7.8 |
| 4 | ☐ | 50.000 | 49.231 | 4036.18 | 0.0024 | P | 1.2 | -1.5 |
| 5 | ☐ | 100.000 | 96.408 | 7883.47 | 0.0047 | P | 3.2 | -3.6 |
| 6 | ☐ | 200.000 | 202.051 | 16213.12 | 0.0098 | P | 3.5 | 1.0 |

y = 4.8500E-005 * x + 2.5830E-006
R = 0.9998
DL = 0.06638 ug/l
BEC = 0.05326 ug/l

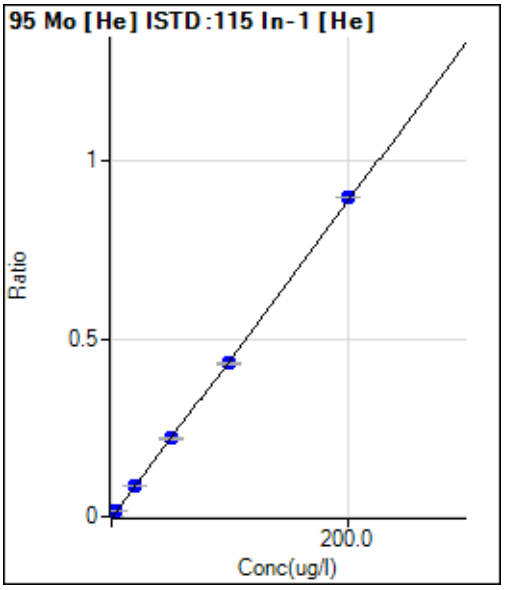
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0002 | P | 41.4 | |
| 2 | ☐ | 4.000 | 3.942 | 397.79 | 0.0065 | P | 12.2 | -1.4 |
| 3 | ☐ | 20.000 | 19.963 | 2006.83 | 0.0322 | P | 4.5 | -0.2 |
| 4 | ☐ | 50.000 | 48.761 | 4657.51 | 0.0784 | P | 1.5 | -2.5 |
| 5 | ☐ | 100.000 | 98.820 | 9485.64 | 0.1588 | P | 2.8 | -1.2 |
| 6 | ☐ | 200.000 | 200.904 | 19210.48 | 0.3225 | P | 2.3 | 0.5 |

y = 0.0016 * x + 1.9578E-004
R = 1.0000
DL = 0.1517 ug/l
BEC = 0.122 ug/l

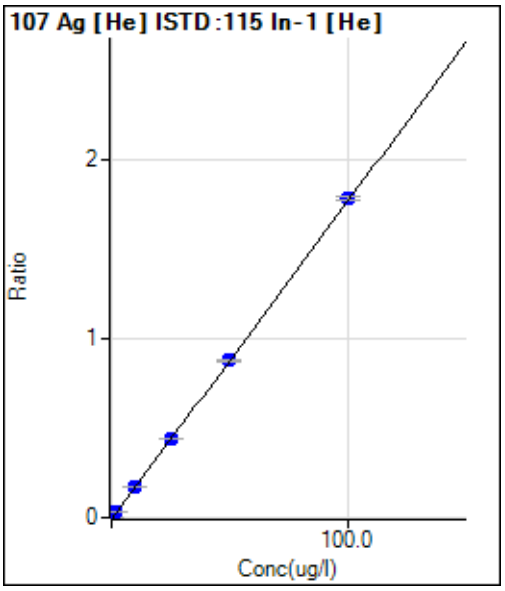
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16.67 | 0.0003 | P | 51.9 | |
| 2 | ☐ | 4.000 | 3.790 | 1047.82 | 0.0172 | P | 4.2 | -5.3 |
| 3 | ☐ | 20.000 | 19.590 | 5455.60 | 0.0876 | P | 0.7 | -2.1 |
| 4 | ☐ | 50.000 | 49.630 | 13155.44 | 0.2215 | P | 2.2 | -0.7 |
| 5 | ☐ | 100.000 | 96.988 | 25857.27 | 0.4327 | P | 1.1 | -3.0 |
| 6 | ☐ | 200.000 | 201.644 | 53566.04 | 0.8993 | P | 0.6 | 0.8 |

y = 0.0045 * x + 2.6651E-004
R = 0.9998
DL = 0.09307 ug/l
BEC = 0.05977 ug/l

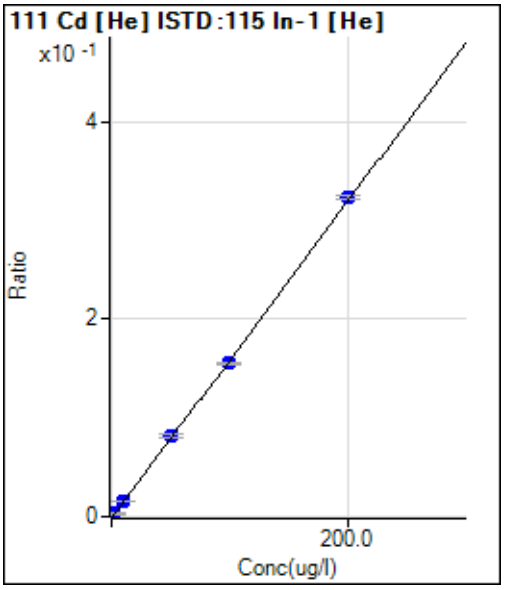
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.89 | 0.0001 | P | 94.0 | |
| 2 | ☐ | 2.000 | 1.926 | 2096.85 | 0.0344 | P | 1.9 | -3.7 |
| 3 | ☐ | 10.000 | 9.689 | 10723.29 | 0.1722 | P | 1.9 | -3.1 |
| 4 | ☐ | 25.000 | 24.707 | 26061.23 | 0.4389 | P | 1.4 | -1.2 |
| 5 | ☐ | 50.000 | 49.386 | 52411.08 | 0.8771 | P | 2.0 | -1.2 |
| 6 | ☐ | 100.000 | 100.413 | 106216.76 | 1.7833 | P | 0.6 | 0.4 |

y = 0.0178 * x + 1.4172E-004
R = 1.0000
DL = 0.02251 ug/l
BEC = 0.007981 ug/l

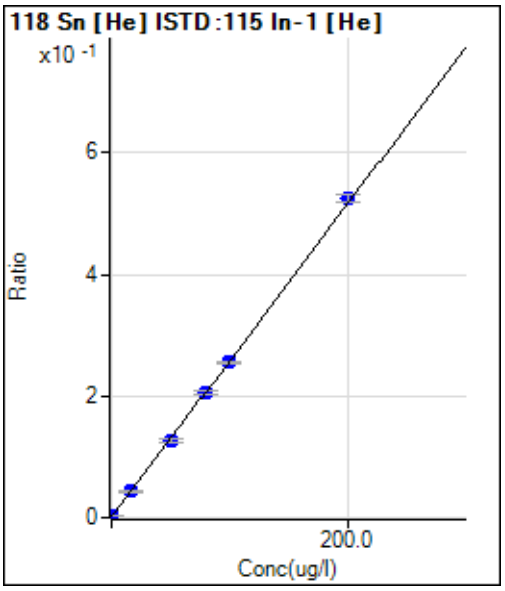
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | | |
| 2 | ☐ | 2.000 | 1.825 | 178.89 | 0.0029 | P | 15.7 | -8.7 |
| 3 | ☐ | 10.000 | 9.381 | 937.82 | 0.0151 | P | 3.7 | -6.2 |
| 4 | ☐ | 50.000 | 50.934 | 4856.49 | 0.0818 | P | 5.4 | 1.9 |
| 5 | ☐ | 100.000 | 96.651 | 9272.19 | 0.1552 | P | 0.8 | -3.3 |
| 6 | ☐ | 200.000 | 201.474 | 19264.10 | 0.3234 | P | 1.3 | 0.7 |

y = 0.0016 * x + 0.0000E+000
R = 0.9998
DL = 0 ug/l
BEC = 0 ug/l

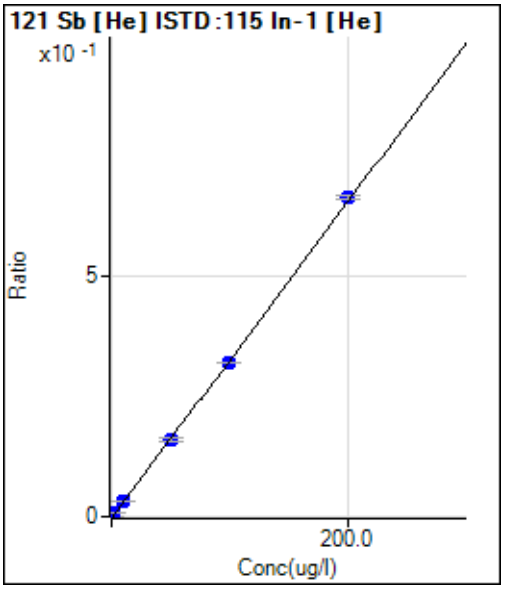
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 228.89 | 0.0037 | P | 16.8 | |
| 2 | ☐ | 16.000 | 15.168 | 2611.39 | 0.0428 | P | 0.7 | -5.2 |
| 3 | ☐ | 80.000 | 78.492 | 12828.52 | 0.2060 | P | 3.0 | -1.9 |
| 4 | ☐ | 50.000 | 47.848 | 7542.21 | 0.1270 | P | 3.5 | -4.3 |
| 5 | ☐ | 100.000 | 97.580 | 15254.47 | 0.2552 | P | 1.1 | -2.4 |
| 6 | ☐ | 200.000 | 202.418 | 31298.40 | 0.5255 | P | 1.9 | 1.2 |

y = 0.0026 * x + 0.0037
R = 0.9998
DL = 0.7158 ug/l
BEC = 1.424 ug/l

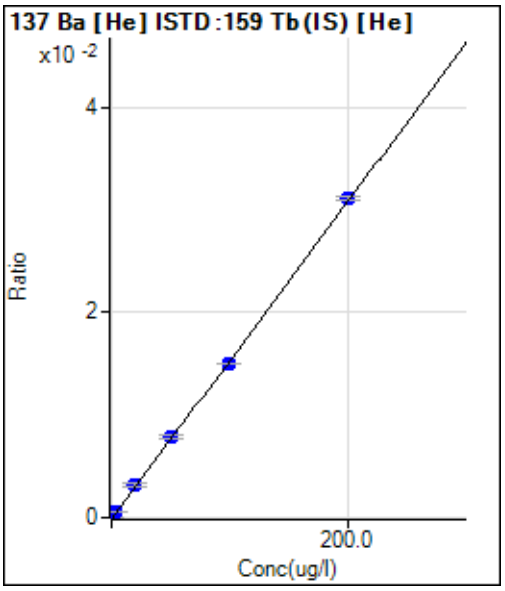
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20.00 | 0.0003 | P | 50.0 | |
| 2 | ☐ | 2.000 | 1.892 | 398.90 | 0.0065 | P | 16.3 | -5.4 |
| 3 | ☐ | 10.000 | 9.355 | 1934.60 | 0.0311 | P | 2.9 | -6.5 |
| 4 | ☐ | 50.000 | 48.882 | 9557.97 | 0.1610 | P | 4.2 | -2.2 |
| 5 | ☐ | 100.000 | 96.928 | 19056.09 | 0.3189 | P | 0.6 | -3.1 |
| 6 | ☐ | 200.000 | 201.849 | 39532.66 | 0.6637 | P | 0.6 | 0.9 |

y = 0.0033 * x + 3.2044E-004
R = 0.9998
DL = 0.1462 ug/l
BEC = 0.0975 ug/l

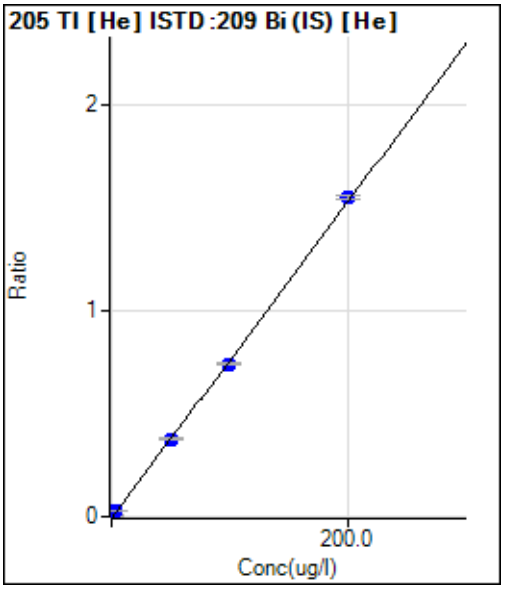
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.89 | 0.0000 | P | 78.2 | |
| 2 | ☐ | 4.000 | 3.815 | 230.00 | 0.0006 | P | 6.4 | -4.6 |
| 3 | ☐ | 20.000 | 20.397 | 1212.29 | 0.0032 | P | 8.5 | 2.0 |
| 4 | ☐ | 50.000 | 51.170 | 2951.48 | 0.0079 | P | 5.0 | 2.3 |
| 5 | ☐ | 100.000 | 97.104 | 5626.80 | 0.0150 | P | 0.3 | -2.9 |
| 6 | ☐ | 200.000 | 201.120 | 11651.94 | 0.0311 | P | 1.4 | 0.6 |

y = 1.5473E-004 * x + 2.3280E-005
R = 0.9998
DL = 0.3528 ug/l
BEC = 0.1505 ug/l

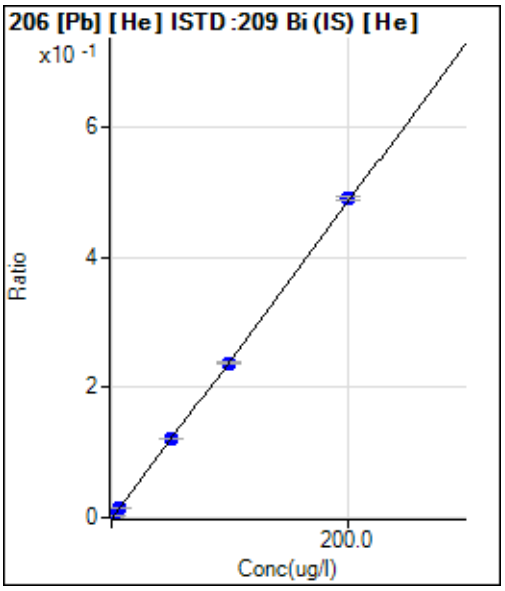
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 7.78 | 0.0000 | P | 137. | |
| 2 | ☐ | 0.800 | 0.761 | 1840.15 | 0.0059 | P | 3.1 | -4.9 |
| 3 | ☐ | 4.000 | 3.830 | 9315.77 | 0.0294 | P | 1.9 | -4.3 |
| 4 | ☐ | 50.000 | 49.006 | 113572.13 | 0.3764 | P | 1.2 | -2.0 |
| 5 | ☐ | 100.000 | 96.680 | 227286.59 | 0.7426 | P | 0.9 | -3.3 |
| 6 | ☐ | 200.000 | 201.912 | 465226.04 | 1.5509 | P | 1.5 | 1.0 |

y = 0.0077 * x + 2.4287E-005
R = 0.9998
DL = 0.01306 ug/l
BEC = 0.003162 ug/l

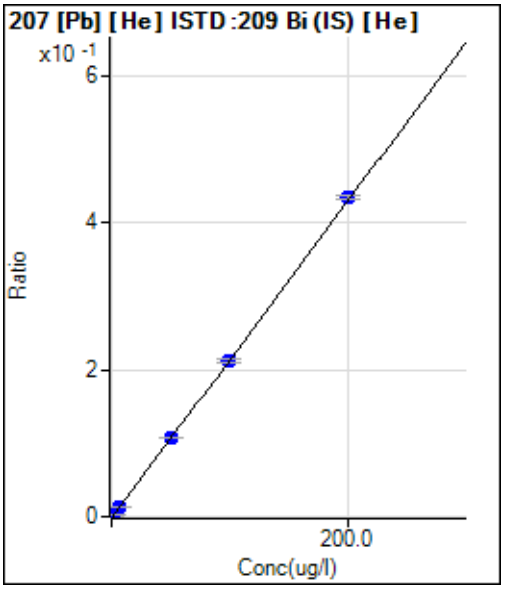
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 85.56 | 0.0003 | P | 6.7 | |
| 2 | ☐ | 1.200 | 1.141 | 954.49 | 0.0030 | P | 3.6 | -4.9 |
| 3 | ☐ | 6.000 | 5.703 | 4474.17 | 0.0141 | P | 0.7 | -4.9 |
| 4 | ☐ | 50.000 | 49.577 | 36458.66 | 0.1208 | P | 1.1 | -0.8 |
| 5 | ☐ | 100.000 | 97.432 | 72600.12 | 0.2372 | P | 0.9 | -2.6 |
| 6 | ☐ | 200.000 | 201.399 | 147005.65 | 0.4900 | P | 1.0 | 0.7 |

y = 0.0024 * x + 2.6909E-004
R = 0.9999
DL = 0.02211 ug/l
BEC = 0.1107 ug/l

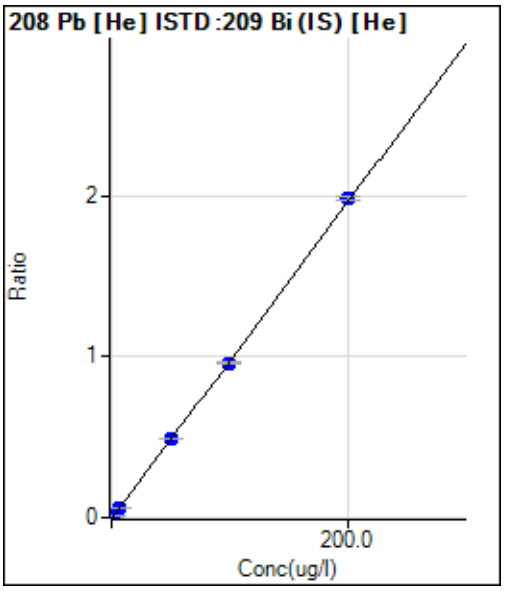
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 84.45 | 0.0003 | P | 19.0 | |
| 2 | ☐ | 1.200 | 1.178 | 880.04 | 0.0028 | P | 3.0 | -1.8 |
| 3 | ☐ | 6.000 | 5.701 | 3977.32 | 0.0126 | P | 3.6 | -5.0 |
| 4 | ☐ | 50.000 | 49.210 | 32122.47 | 0.1065 | P | 0.5 | -1.6 |
| 5 | ☐ | 100.000 | 97.683 | 64599.81 | 0.2111 | P | 2.4 | -2.3 |
| 6 | ☐ | 200.000 | 201.365 | 130439.53 | 0.4348 | P | 1.4 | 0.7 |

y = 0.0022 * x + 2.6519E-004
R = 0.9999
DL = 0.07 ug/l
BEC = 0.1229 ug/l

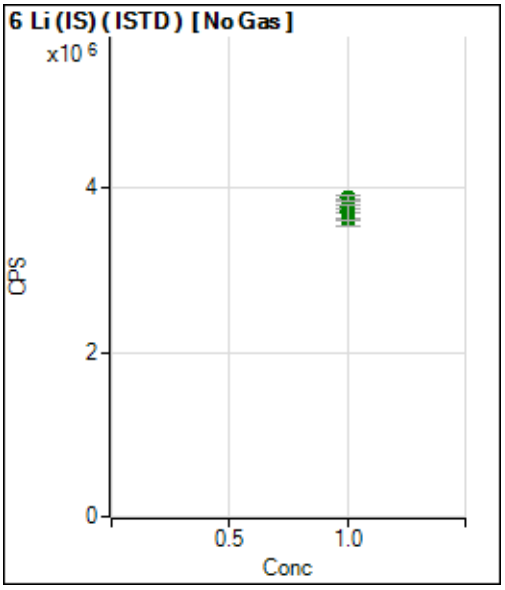
Weight: <None>
Min Conc: <None>



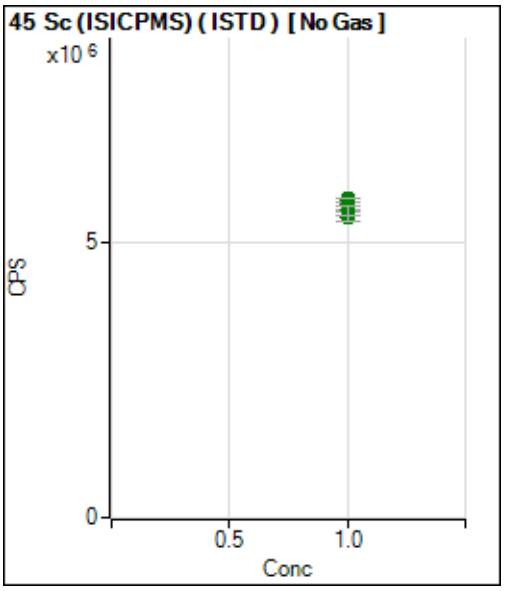

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 353.34 | 0.0011 | P | 12.8 | |
| 2 | ☐ | 1.200 | 1.181 | 4000.28 | 0.0128 | P | 1.3 | -1.6 |
| 3 | ☐ | 6.000 | 5.754 | 18305.44 | 0.0578 | P | 0.5 | -4.1 |
| 4 | ☐ | 50.000 | 49.625 | 147968.39 | 0.4904 | P | 0.0 | -0.8 |
| 5 | ☐ | 100.000 | 97.375 | 294200.56 | 0.9613 | P | 0.9 | -2.6 |
| 6 | ☐ | 200.000 | 201.414 | 596086.73 | 1.9871 | P | 1.2 | 0.7 |

y = 0.0099 * x + 0.0011
R = 0.9999
DL = 0.04323 ug/l
BEC = 0.1127 ug/l

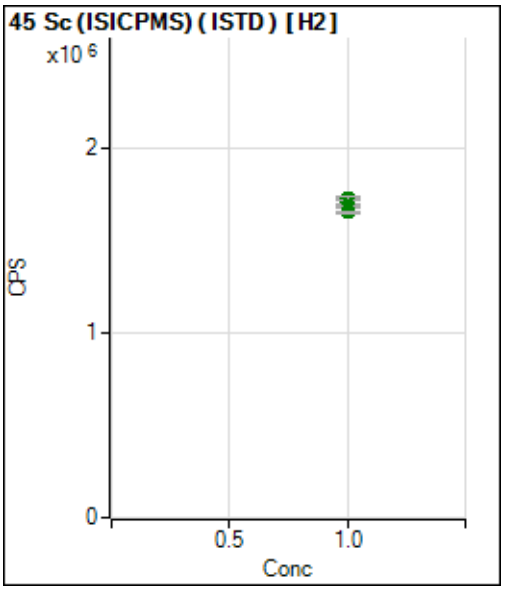
Weight: <None>
Min Conc: <None>



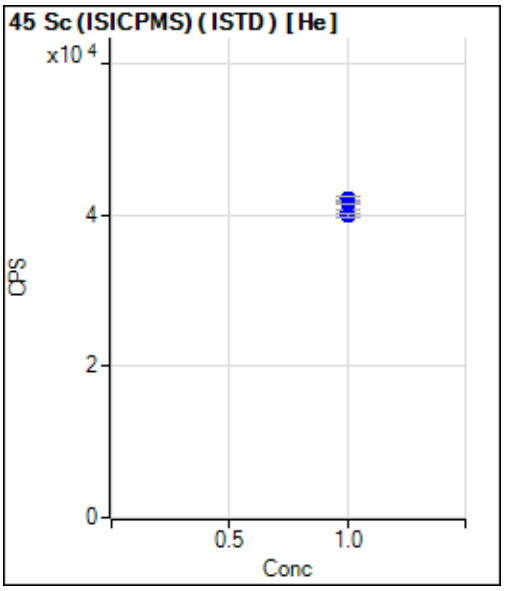

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3724051.65 | | A | 4.3 | |
| 2 | ☐ | 1.000 | | 3770827.58 | | A | 1.2 | |
| 3 | ☐ | 1.000 | | 3893254.66 | | A | 1.2 | |
| 4 | ☐ | 1.000 | | 3883610.43 | | A | 1.6 | |
| 5 | ☐ | 1.000 | | 3616013.07 | | A | 4.7 | |
| 6 | ☐ | 1.000 | | 3706807.10 | | A | 4.8 | |



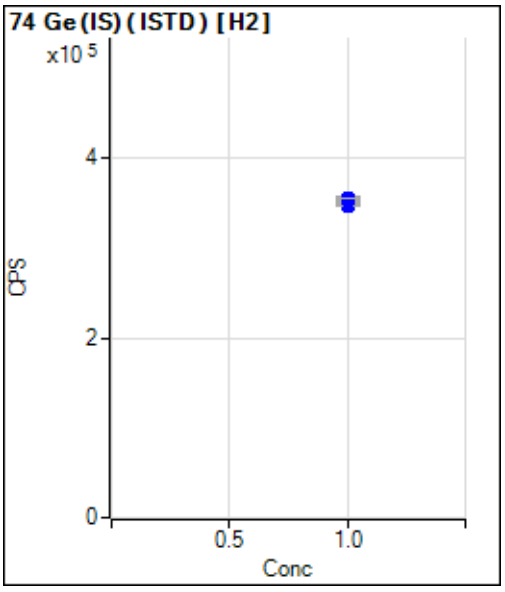

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5696230.54 | | A | 3.5 | |
| 2 | ☐ | 1.000 | | 5771443.38 | | A | 1.8 | |
| 3 | ☐ | 1.000 | | 5764842.62 | | A | 1.0 | |
| 4 | ☐ | 1.000 | | 5805792.69 | | A | 0.4 | |
| 5 | ☐ | 1.000 | | 5459921.31 | | A | 3.2 | |
| 6 | ☐ | 1.000 | | 5593298.32 | | A | 3.2 | |



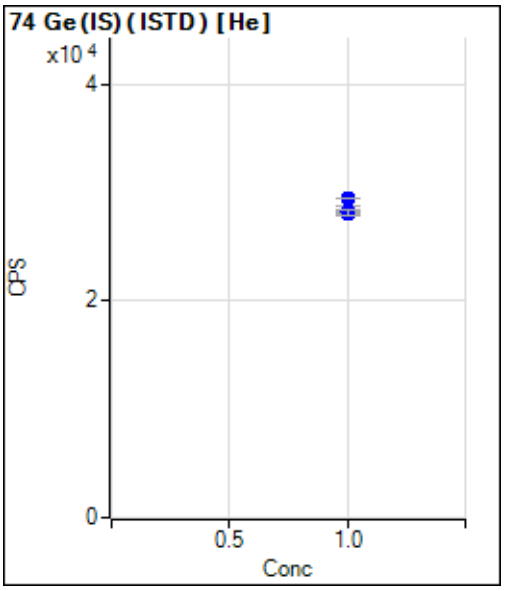

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1712369.35 | | A | 1.7 | |
| 2 | ☐ | 1.000 | | 1699853.83 | | A | 1.9 | |
| 3 | ☐ | 1.000 | | 1728125.13 | | A | 1.3 | |
| 4 | ☐ | 1.000 | | 1688645.91 | | A | 1.6 | |
| 5 | ☐ | 1.000 | | 1685125.50 | | A | 0.2 | |
| 6 | ☐ | 1.000 | | 1653843.88 | | A | 0.5 | |



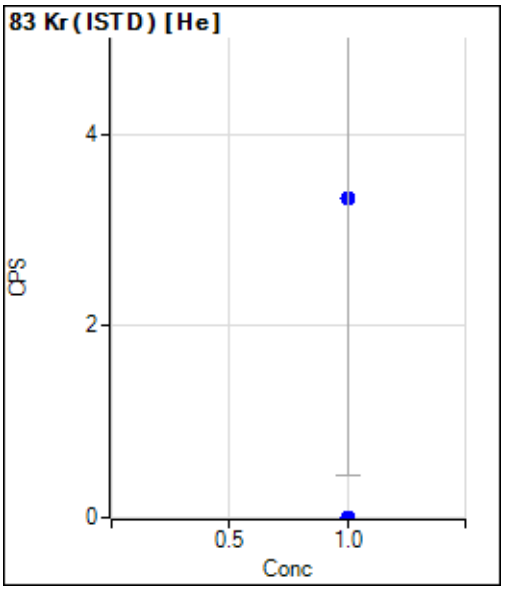

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 42202.34 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 41677.39 | | P | 1.0 | |
| 3 | ☐ | 1.000 | | 42187.73 | | P | 1.8 | |
| 4 | ☐ | 1.000 | | 40469.36 | | P | 1.5 | |
| 5 | ☐ | 1.000 | | 39903.24 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 41427.82 | | P | 0.2 | |



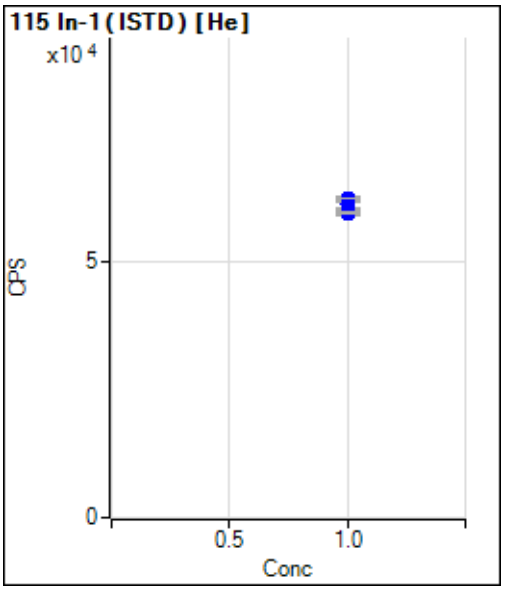

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 353043.54 | | P | 1.2 | |
| 2 | ☐ | 1.000 | | 348775.19 | | P | 0.6 | |
| 3 | ☐ | 1.000 | | 347226.57 | | P | 0.4 | |
| 4 | ☐ | 1.000 | | 352868.96 | | P | 0.7 | |
| 5 | ☐ | 1.000 | | 354933.30 | | P | 0.9 | |
| 6 | ☐ | 1.000 | | 355367.28 | | P | 0.5 | |



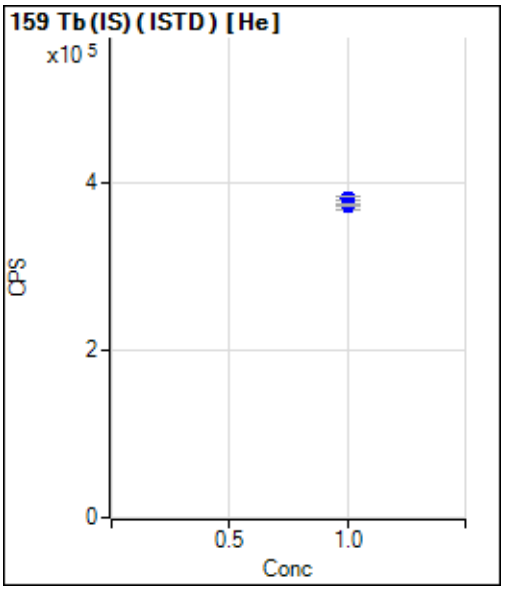

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 28515.59 | | P | 2.5 | |
| 2 | ☐ | 1.000 | | 28102.54 | | P | 1.1 | |
| 3 | ☐ | 1.000 | | 28156.01 | | P | 0.9 | |
| 4 | ☐ | 1.000 | | 28228.34 | | P | 1.3 | |
| 5 | ☐ | 1.000 | | 28231.67 | | P | 1.8 | |
| 6 | ☐ | 1.000 | | 29504.35 | | P | 0.1 | |



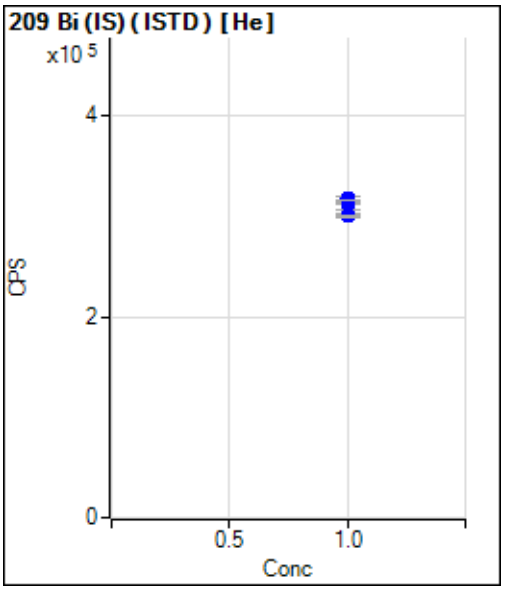

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 0.00 | | P | | |
| 3 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 4 | ☐ | 1.000 | | 0.00 | | P | | |
| 5 | ☐ | 1.000 | | 0.00 | | P | | |
| 6 | ☐ | 1.000 | | 3.34 | | P | 173. | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 62346.74 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 61051.77 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 62272.18 | | P | 0.3 | |
| 4 | ☐ | 1.000 | | 59384.34 | | P | 0.9 | |
| 5 | ☐ | 1.000 | | 59763.15 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 59563.37 | | P | 0.7 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 381487.89 | | P | 0.9 | |
| 2 | ☐ | 1.000 | | 374858.99 | | P | 0.3 | |
| 3 | ☐ | 1.000 | | 381594.22 | | P | 1.3 | |
| 4 | ☐ | 1.000 | | 371599.49 | | P | 1.8 | |
| 5 | ☐ | 1.000 | | 373935.35 | | P | 0.8 | |
| 6 | ☐ | 1.000 | | 374170.94 | | P | 0.8 | |

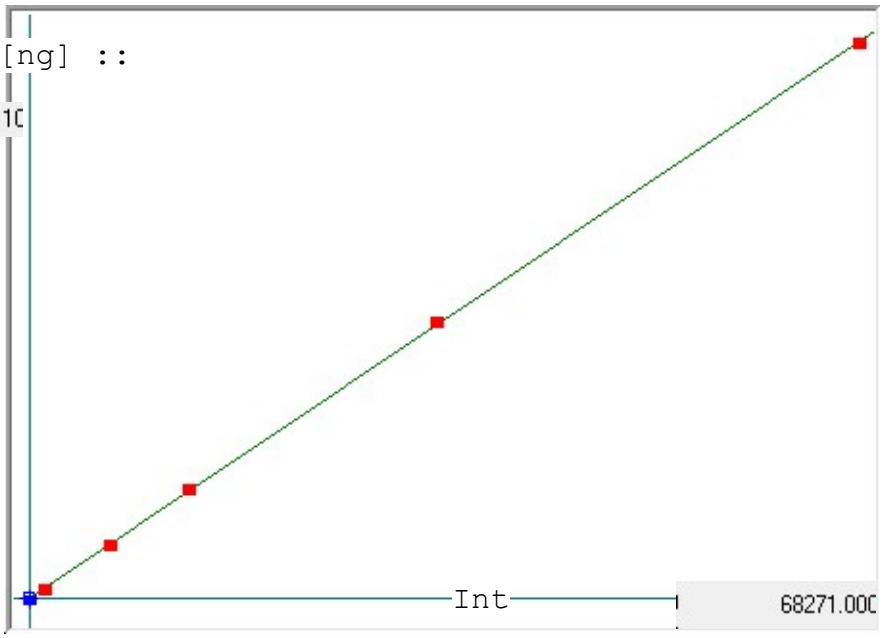



| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 318050.55 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 313560.51 | | P | 1.0 | |
| 3 | ☐ | 1.000 | | 316447.37 | | P | 0.2 | |
| 4 | ☐ | 1.000 | | 301714.61 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 306061.03 | | P | 0.3 | |
| 6 | ☐ | 1.000 | | 300001.41 | | P | 1.0 | |

245_7470A

Linear

Max. Hg [ng] ::




A= 0.0000e+000

B= 1.4660e-004

C= 2.2757e-002

Rho= 0.9999504

Accept= Accepted

Accepted Date=

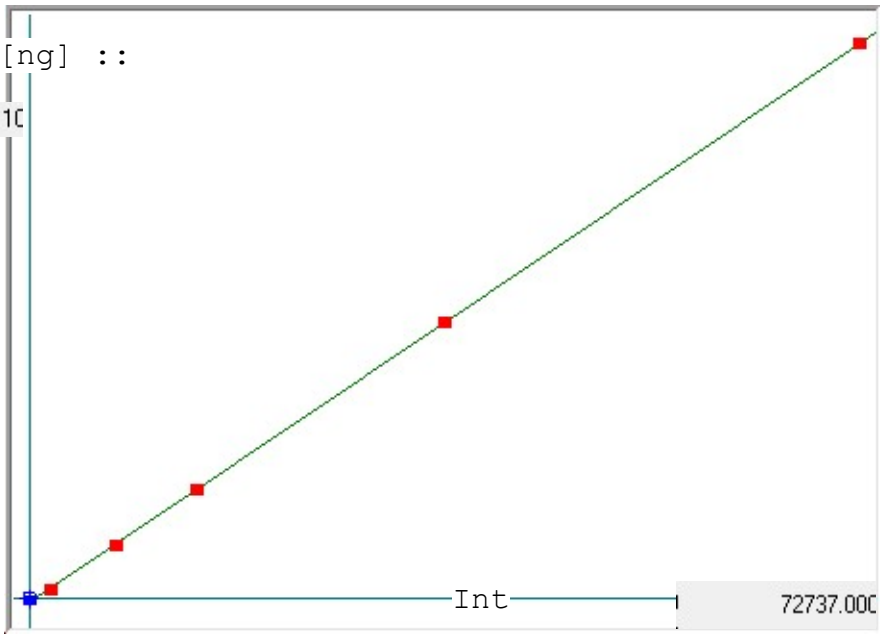
02/10/25 13:42

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Cal Blank | 0.000 | 0.039 | 0.039 | 108 | 0.000 | 108 | | | | |
| 0.2 ug/L | 0.200 | 0.214 | 0.014 | 1302 | 0.0 % | 1302 | | | | |
| 1.0 ug/L | 1.000 | 1.012 | 0.012 | 6748 | 0.0 % | 6748 | | | | |
| 2.0 ug/L | 2.000 | 1.953 | -0.047 | 13166 | 0.0 % | 13166 | | | | |
| 5.0 ug/L | 5.000 | 4.951 | -0.049 | 33617 | 0.0 % | 33617 | | | | |
| 10.0 ug/L | 10.000 | 10.032 | 0.032 | 68271 | 0.0 % | 68271 | | | | |

7471B

Linear

Max. Hg [ng] ::




A= 0.0000e+000

B= 1.3806e-004

C= -4.2435e-002

Rho= 0.9999858

Accept= Accepted

Accepted Date=

02/10/25 04:12

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Cal Blank | 0.000 | -0.032 | -0.032 | 73 | 0.000 | 73 | | | | |
| 0.2 ug/L | 0.200 | 0.222 | 0.022 | 1916 | 0.0 % | 1916 | | | | |
| 1.0 ug/L | 1.000 | 1.022 | 0.022 | 7710 | 0.0 % | 7710 | | | | |
| 2.0 ug/L | 2.000 | 1.990 | -0.010 | 14718 | 0.0 % | 14718 | | | | |
| 5.0 ug/L | 5.000 | 4.999 | -0.001 | 36515 | 0.0 % | 36515 | | | | |
| 10.0 ug/L | 10.000 | 10.000 | -0.000 | 72737 | 0.0 % | 72737 | | | | |

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Solid  Instrument ID: ICPMS4

Method: 6020B  MDL Date: 03/16/2023 00:00

Prep Method: 3050B

| Analyte | Wavelength/ Mass | RL (mg/Kg) | MDL (mg/Kg) |
|---|---|---|---|
| Aluminum | | 20 | 5.49 |
| Antimony | | 1 | 0.146 |
| Arsenic | | 1 | 0.103 |
| Barium | | 2 | 0.145 |
| Beryllium | | 0.4 | 0.057 |
| Cadmium | | 1 | 0.113 |
| Calcium | | 100 | 40.7 |
| Chromium | | 2 | 0.908 |
| Cobalt | | 2 | 0.148 |
| Copper | | 2 | 0.368 |
| Iron | | 60 | 20.2 |
| Lead | | 0.6 | 0.2 |
| Magnesium | | 100 | 10.2 |
| Manganese | | 4 | 0.403 |
| Nickel | | 2 | 0.47 |
| Potassium | | 100 | 16.2 |
| Selenium | | 1.25 | 0.128 |
| Silver | | 0.4 | 0.089 |
| Sodium | | 100 | 45.7 |
| Thallium | | 0.4 | 0.041 |
| Vanadium | | 2 | 0.206 |
| Zinc | | 8 | 3.05 |

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Solid  Instrument ID: ICPMS4

Method: 6020B  XMDL Date: 03/16/2023 00:00

| Analyte | Wavelength/ Mass | XRL (ug/L) | XMDL (ug/L) |
|---|---|---|---|
| Aluminum | | 200 | 54.9 |
| Antimony | | 10 | 1.46 |
| Arsenic | | 10 | 1.03 |
| Barium | | 20 | 1.45 |
| Beryllium | | 4 | 0.57 |
| Cadmium | | 10 | 1.13 |
| Calcium | | 1000 | 407 |
| Chromium | | 20 | 9.07 |
| Cobalt | | 20 | 1.48 |
| Copper | | 20 | 3.68 |
| Iron | | 600 | 202 |
| Lead | | 6 | 2 |
| Magnesium | | 1000 | 102 |
| Manganese | | 40 | 4.03 |
| Nickel | | 20 | 4.7 |
| Potassium | | 1000 | 162 |
| Selenium | | 12.5 | 1.28 |
| Silver | | 10 | 0.89 |
| Sodium | | 1000 | 457 |
| Thallium | | 4 | 0.41 |
| Vanadium | | 20 | 2.06 |
| Zinc | | 80 | 30.5 |

9-IN
DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Water  Instrument ID: ICPMS4

Method: 6020B  MDL Date: 09/05/2024 00:00

Prep Method: 3005A

| Analyte | Wavelength/ Mass | RL (ug/L) | MDL (ug/L) |
|---|---|---|---|
| Aluminum | | 40 | 11.7 |
| Antimony | | 2 | 0.475 |
| Arsenic | | 2 | 1.15 |
| Barium | | 4 | 0.925 |
| Beryllium | | 0.8 | 0.124 |
| Cadmium | | 2 | 0.375 |
| Calcium | | 500 | 31.7 |
| Chromium | | 4 | 1.65 |
| Cobalt | | 4 | 0.412 |
| Copper | | 4 | 1.97 |
| Iron | | 120 | 33.7 |
| Lead | | 1.2 | 0.417 |
| Magnesium | | 200 | 21.8 |
| Manganese | | 8 | 0.839 |
| Nickel | | 4 | 1.39 |
| Potassium | | 200 | 83.3 |
| Selenium | | 2.5 | 0.432 |
| Silver | | 2 | 1.3 |
| Sodium | | 500 | 180 |
| Thallium | | 0.8 | 0.191 |
| Vanadium | | 4 | 1 |
| Zinc | | 16 | 4.22 |

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - TOTAL RECOVERABLE

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Water  Instrument ID: ICPMS4

Method: 6020B  XMDL Date: 09/05/2024 00:00

| Analyte | Wavelength/ Mass | XRL (ug/L) | XMDL (ug/L) |
|---|---|---|---|
| Aluminum | | 40 | 11.7 |
| Antimony | | 2 | 0.475 |
| Arsenic | | 2 | 1.15 |
| Barium | | 4 | 0.925 |
| Beryllium | | 0.8 | 0.124 |
| Cadmium | | 2 | 0.375 |
| Calcium | | 500 | 31.7 |
| Chromium | | 4 | 1.65 |
| Cobalt | | 4 | 0.412 |
| Copper | | 4 | 1.97 |
| Iron | | 120 | 33.7 |
| Lead | | 1.2 | 0.417 |
| Magnesium | | 200 | 21.8 |
| Manganese | | 8 | 0.839 |
| Nickel | | 4 | 1.39 |
| Potassium | | 200 | 83.3 |
| Selenium | | 2.5 | 0.432 |
| Silver | | 2 | 1.3 |
| Sodium | | 500 | 180 |
| Thallium | | 0.8 | 0.191 |
| Vanadium | | 4 | 1 |
| Zinc | | 16 | 4.22 |

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Water  Instrument ID: LEEMAN6

Method: 7470A  MDL Date: 01/13/2020 12:28

Prep Method: 7470A

| Analyte | Wavelength/ Mass | RL (ug/L) | MDL (ug/L) |
|---|---|---|---|
| Mercury | | 0.2 | 0.091 |

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Water  Instrument ID: LEEMAN6

Method: 7470A  XMDL Date: 01/13/2020 12:29

| Analyte | Wavelength/ Mass | XRL (ug/L) | XMDL (ug/L) |
|---|---|---|---|
| Mercury | | 0.2 | 0.091 |

9-IN
DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Solid  Instrument ID: LEEMAN6

Method: 7471B  MDL Date: 09/10/2021 00:00

Prep Method: 7471B

| Analyte | Wavelength/ Mass | RL (mg/Kg) | MDL (mg/Kg) |
|---|---|---|---|
| Mercury | | 0.017 | 0.008 |

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Solid  Instrument ID: LEEMAN6

Method: 7471B  XMDL Date: 01/13/2020 12:26

| Analyte | Wavelength/ Mass | XRL (ug/L) | XMDL (ug/L) |
|---|---|---|---|
| Mercury | | 0.2 | 0.091 |

11-IN
LINEAR RANGES
METALS

Lab Name: Eurofins Edison Job No: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Date: 04/26/2023 00:00

| Analyte | Integ. Time (Sec.) | Concentration (ug/L) | Method |
|---|---|---|---|
| Aluminum | | 500000 | 6020B |
| Antimony | | 1000 | 6020B |
| Arsenic | | 5000 | 6020B |
| Barium | | 20000 | 6020B |
| Beryllium | | 2000 | 6020B |
| Cadmium | | 5000 | 6020B |
| Calcium | | 1000000 | 6020B |
| Chromium | | 20000 | 6020B |
| Cobalt | | 2000 | 6020B |
| Copper | | 20000 | 6020B |
| Iron | | 500000 | 6020B |
| Lead | | 20000 | 6020B |
| Magnesium | | 500000 | 6020B |
| Manganese | | 20000 | 6020B |
| Nickel | | 20000 | 6020B |
| Potassium | | 500000 | 6020B |
| Selenium | | 3000 | 6020B |
| Silver | | 1000 | 6020B |
| Sodium | | 500000 | 6020B |
| Thallium | | 1000 | 6020B |
| Vanadium | | 5000 | 6020B |
| Zinc | | 20000 | 6020B |

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Prep Method: 3050B

| Lab Sample ID | Preparation Date | Prep Batch | Initial Weight (g) | Initial Volume | Final Volume (mL) |
|---|---|---|---|---|---|
| MB 460-1020433/1-A | 02/10/2025 07:08 | 1020433 | 1.00 | | 100 |
| LCSSRM 460-1020433/2-A ^3 | 02/10/2025 07:08 | 1020433 | 1.00 | | 100 |
| 460-319481-E-10-F DU | 02/10/2025 07:08 | 1020433 | 1.00 | | 100 |
| 460-319481-E-10-G MS | 02/10/2025 07:08 | 1020433 | 1.00 | | 100 |
| 460-319954-1 | 02/10/2025 07:08 | 1020433 | 1.12 | | 100 |
| 460-319954-2 | 02/10/2025 07:08 | 1020433 | 1.10 | | 100 |
| 460-319954-3 | 02/10/2025 07:08 | 1020433 | 1.07 | | 100 |
| 460-319954-4 | 02/10/2025 07:08 | 1020433 | 1.10 | | 100 |
| 460-319954-5 | 02/10/2025 07:08 | 1020433 | 1.06 | | 100 |
| 460-319954-6 | 02/10/2025 07:08 | 1020433 | 1.12 | | 100 |

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Prep Method: 3005A

| Lab Sample ID | Preparation Date | Prep Batch | Initial Weight | Initial Volume (mL) | Final Volume (mL) |
|---|---|---|---|---|---|
| MB 460-1020447/1-A | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| LCS 460-1020447/2-A | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| 460-319953-A-11-B DU ^20 | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| 460-319953-A-11-B DU ^5 | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| 460-319953-A-11-C MS ^20 | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| 460-319953-A-11-C MS ^5 | 02/10/2025 08:06 | 1020447 | | 50 | 50 |
| 460-319954-7 | 02/10/2025 08:06 | 1020447 | | 50 | 50 |

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Prep Method: 7471B

| Lab Sample ID | Preparation Date | Prep Batch | Initial Weight (g) | Initial Volume | Final Volume (mL) |
|---|---|---|---|---|---|
| MB 460-1020394/1-A | 02/10/2025 01:23 | 1020394 | 0.60 | | 50 |
| LCSSRM 460-1020394/2-A ^40 | 02/10/2025 01:23 | 1020394 | 0.60 | | 50 |
| 460-319954-3 | 02/10/2025 01:23 | 1020394 | 0.62 | | 50 |
| 460-319954-3 DU | 02/10/2025 01:23 | 1020394 | 0.62 | | 50 |
| 460-319954-3 MS | 02/10/2025 01:23 | 1020394 | 0.62 | | 50 |
| 460-319954-1 | 02/10/2025 01:23 | 1020394 | 0.67 | | 50 |
| 460-319954-2 | 02/10/2025 01:23 | 1020394 | 0.68 | | 50 |
| 460-319954-4 | 02/10/2025 01:23 | 1020394 | 0.67 | | 50 |
| 460-319954-5 | 02/10/2025 01:23 | 1020394 | 0.65 | | 50 |
| 460-319954-6 | 02/10/2025 01:23 | 1020394 | 0.61 | | 50 |

12-IN
PREPARATION LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Prep Method: 7470A

| Lab Sample ID | Preparation Date | Prep Batch | Initial Weight | Initial Volume (mL) | Final Volume (mL) |
|---|---|---|---|---|---|
| MB 460-1020501/1-A | 02/10/2025 14:46 | 1020501 | | 30 | 30 |
| LCS 460-1020501/2-A | 02/10/2025 14:46 | 1020501 | | 30 | 30 |
| 460-319695-D-4-B DU | 02/10/2025 14:46 | 1020501 | | 30 | 30 |
| 460-319695-D-4-C MS | 02/10/2025 14:46 | 1020501 | | 30 | 30 |
| 460-319695-D-4-D MSD | 02/10/2025 14:46 | 1020501 | | 30 | 30 |
| 460-319954-7 | 02/10/2025 14:46 | 1020501 | | 30 | 30 |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| IC 460-1020512/1 | 1 | | 09:35 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020512/2 | 1 | | 09:38 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020512/3 | 1 | | 09:41 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020512/4 | 1 | | 09:44 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020512/5 | 1 | | 09:47 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020512/6 | 1 | | 09:49 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICV 460-1020512/7 | 1 | | 09:54 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICB 460-1020512/8 | 1 | | 09:56 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CRI 460-1020512/9 | | | 09:59 | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020512/10 | 1 | | 10:01 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICSAB 460-1020512/11 | 1 | | 10:04 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020512/12 | 1 | | 10:07 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020512/13 | 1 | | 10:09 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020512/14 | 1 | | 10:11 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ | | | 10:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/19 | 1 | | 10:27 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020512/20 | 1 | | 10:29 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCV 460-1020512/21 | | | 10:32 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/22 | | | 10:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:57 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:05 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/30 | | | 11:07 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/31 | | | 11:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:30 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/40 | | | 11:33 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/41 | | | 11:35 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (QC) | | | 11:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/49 | | | 11:56 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/50 | | | 11:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/60 | | | 12:26 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/61 | | | 12:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:54 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/72 | | | 12:57 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/73 | | | 12:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:23 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (Client) | | | 13:25 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/84 | | | 13:28 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/85 | | | 13:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/95 | | | 13:56 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/96 | | | 13:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/107 | | | 14:27 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/108 | | | 14:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:56 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/119 | 1 | | 14:59 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020512/120 | 1 | | 15:01 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| MB 460-1020447/1-A | 1 | R | 15:04 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LCS 460-1020447/2-A | 1 | R | 15:07 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319953-A-11-A PDS ^5 | 5 | R | 15:09 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| 460-319953-A-11-C MS ^5 | 5 | R | 15:12 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X |
| 460-319953-A-11-B DU ^5 | 5 | R | 15:14 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X |
| ZZZZZZ (Client) | | | 15:17 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A SD ^25 | 25 | R | 15:19 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | | X | X | X | X | X |
| ZZZZZZ (Client) | | | 15:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 15:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 15:27 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/131 | 1 | | 15:31 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020512/132 | 1 | | 15:34 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCV 460-1020512/133 | | | 15:58 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/134 | | | 16:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:26 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/145 | | | 16:28 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/146 | | | 16:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:56 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/157 | | | 16:59 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/158 | | | 17:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:14 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (Client) | | | 17:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:27 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/169 | | | 17:29 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/170 | | | 17:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:50 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/178 | | | 17:53 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/179 | | | 17:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:15 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/188 | 1 | | 18:18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020512/189 | 1 | | 18:21 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 18:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:36 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-7 | 1 | R | 18:38 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 18:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:44 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/199 | 1 | | 18:46 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020512/200 | 1 | | 18:49 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/1 | 1 | | 09:35 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/2 | 1 | | 09:38 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/3 | 1 | | 09:41 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/4 | 1 | | 09:44 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/5 | 1 | | 09:47 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020512/6 | 1 | | 09:49 | X | X | | | | | | | | | | | | | | | | | | | |
| ICV 460-1020512/7 | 1 | | 09:54 | X | X | | | | | | | | | | | | | | | | | | | |
| ICB 460-1020512/8 | 1 | | 09:56 | X | X | | | | | | | | | | | | | | | | | | | |
| CRI 460-1020512/9 | | | 09:59 | | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020512/10 | 1 | | 10:01 | X | X | | | | | | | | | | | | | | | | | | | |
| ICSAB 460-1020512/11 | 1 | | 10:04 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020512/12 | 1 | | 10:07 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020512/13 | 1 | | 10:09 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020512/14 | 1 | | 10:11 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:17 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:19 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:22 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:24 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/19 | 1 | | 10:27 | X | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/20 | 1 | | 10:29 | X | X | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/21 | | | 10:32 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/22 | | | 10:34 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:50 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:52 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:55 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:57 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:00 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:02 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:05 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/30 | | | 11:07 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/31 | | | 11:10 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:12 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:15 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:18 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:20 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:23 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:25 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:28 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:30 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/40 | | | 11:33 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/41 | | | 11:35 | | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/49 | | | 11:56 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/50 | | | 11:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 12:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/60 | | | 12:26 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/61 | | | 12:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:54 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/72 | | | 12:57 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/73 | | | 12:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:23 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:25 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/84 | | | 13:28 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/85 | | | 13:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/95 | | | 13:56 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/96 | | | 13:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/107 | | | 14:27 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/108 | | | 14:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:56 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/119 | 1 | | 14:59 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/120 | 1 | | 15:01 | X | X | | | | | | | | | | | | | | | | | | |
| MB 460-1020447/1-A | 1 | R | 15:04 | X | X | | | | | | | | | | | | | | | | | | |
| LCS 460-1020447/2-A | 1 | R | 15:07 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A PDS ^5 | 5 | R | 15:09 | X | X | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-C MS ^5 | 5 | R | 15:12 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-B DU ^5 | 5 | R | 15:14 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:17 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A SD ^25 | 25 | R | 15:19 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 15:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 15:27 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/131 | 1 | | 15:31 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/132 | 1 | | 15:34 | X | X | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/133 | | | 15:58 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/134 | | | 16:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:26 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/145 | | | 16:28 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/146 | | | 16:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:56 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/157 | | | 16:59 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/158 | | | 17:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:14 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/10/2025 09:35  End Date: 02/10/2025 18:49

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:27 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/169 | | | 17:29 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/170 | | | 17:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:50 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/178 | | | 17:53 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/179 | | | 17:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:15 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/188 | 1 | | 18:18 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/189 | 1 | | 18:21 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:36 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-7 | 1 | R | 18:38 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:44 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020512/199 | 1 | | 18:46 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020512/200 | 1 | | 18:49 | X | X | | | | | | | | | | | | | | | | | | |

Prep Types
R = Total Recoverable

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| IC 460-1020726/1 | 1 | | 09:15 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020726/2 | 1 | | 09:18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020726/3 | 1 | | 09:21 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020726/4 | 1 | | 09:24 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020726/5 | 1 | | 09:26 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020726/6 | 1 | | 09:29 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICV 460-1020726/7 | 1 | | 09:32 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICB 460-1020726/8 | 1 | | 09:35 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CRI 460-1020726/9 | | | 09:37 | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020726/10 | 1 | | 09:40 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICSAB 460-1020726/11 | 1 | | 09:43 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020726/12 | 1 | | 09:45 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020726/13 | 1 | | 09:48 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020726/14 | 1 | | 09:50 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ | | | 09:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 09:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 09:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:01 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/19 | 1 | | 10:03 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/20 | 1 | | 10:06 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (QC) | | | 10:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:23 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/28 | | | 10:31 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/29 | | | 10:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:00 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/40 | | | 11:03 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/41 | | | 11:05 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 02/11/2025 09:15 End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (QC) | | | 11:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:31 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/52 | 1 | | 11:33 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/53 | 1 | | 11:36 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| MB 460-1020433/1-A | 1 | T | 11:38 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ | | | 11:41 | | | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-E PDS | 1 | T | 11:44 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319481-E-10-G MS | 1 | T | 11:46 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319481-E-10-F DU | 1 | T | 11:49 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 11:51 | | | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-E SD ^5 | 5 | T | 11:54 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCV 460-1020726/61 | 1 | | 11:56 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/62 | 1 | | 11:59 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 12:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:12 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-1 | 1 | T | 12:14 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319954-2 | 1 | T | 12:17 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319954-3 | 1 | T | 12:19 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319954-4 | 1 | T | 12:22 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319954-5 | 1 | T | 12:24 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCV 460-1020726/73 | 1 | | 12:27 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/74 | 1 | | 12:29 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319954-6 | 1 | T | 12:32 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 12:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:50 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (Client) | | | 12:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:55 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/85 | 1 | | 13:03 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/86 | 1 | | 13:05 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (QC) | | | 13:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:33 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/97 | | | 13:36 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/98 | | | 13:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:04 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/109 | | | 14:11 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/110 | | | 14:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:32 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/118 | | | 14:40 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/119 | | | 14:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:58 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (QC) | | | 15:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:10 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/129 | | | 15:13 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/130 | | | 15:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:33 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/138 | | | 15:36 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/139 | | | 15:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/149 | | | 16:04 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/150 | | | 16:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:32 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/161 | | | 16:35 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/162 | | | 16:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:42 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (Client) | | | 16:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:57 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/173 | | | 17:05 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/174 | | | 17:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:20 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/180 | | | 17:23 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/181 | | | 17:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 17:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:48 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/189 | 1 | | 17:51 | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/190 | 1 | | 17:53 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| 460-319953-A-11-A PDS ^20 | 20 | | 17:57 | | | | | | | | | | | | | | | X | | | | | |
| 460-319953-A-11-C MS ^20 | 20 | | 18:00 | | | | | | | | | | | | | | | X | | | | | |
| 460-319953-A-11-B DU ^20 | 20 | | 18:02 | | | | | | | | | | | | | | | X | | | | | |
| ZZZZZZ (Client) | | | 18:05 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A SD ^100 | 100 | | 18:07 | | | | | | | | | | | | | | | X | | | | | |
| CCV 460-1020726/196 | 1 | | 18:15 | X | X | X | X | | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020726/197 | 1 | | 18:18 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (QC) | | | 18:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:36 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 02/11/2025 09:15 End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| CCV 460-1020726/205 | | | 18:43 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/206 | | | 18:46 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/1 | 1 | | 09:15 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/2 | 1 | | 09:18 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/3 | 1 | | 09:21 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/4 | 1 | | 09:24 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/5 | 1 | | 09:26 | X | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020726/6 | 1 | | 09:29 | X | X | | | | | | | | | | | | | | | | | | | |
| ICV 460-1020726/7 | 1 | | 09:32 | X | X | | | | | | | | | | | | | | | | | | | |
| ICB 460-1020726/8 | 1 | | 09:35 | X | X | | | | | | | | | | | | | | | | | | | |
| CRI 460-1020726/9 | | | 09:37 | | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020726/10 | 1 | | 09:40 | X | X | | | | | | | | | | | | | | | | | | | |
| ICSAB 460-1020726/11 | 1 | | 09:43 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020726/12 | 1 | | 09:45 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020726/13 | 1 | | 09:48 | X | X | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020726/14 | 1 | | 09:50 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 09:53 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 09:55 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 09:58 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:01 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/19 | 1 | | 10:03 | X | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/20 | 1 | | 10:06 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:08 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:11 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:13 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:16 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:18 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:21 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:23 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/28 | | | 10:31 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/29 | | | 10:34 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:36 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:39 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 10:41 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:45 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 10:48 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:50 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:53 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:55 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 10:58 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:00 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/40 | | | 11:03 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/41 | | | 11:05 | | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 11:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:31 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/52 | 1 | | 11:33 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/53 | 1 | | 11:36 | X | X | | | | | | | | | | | | | | | | | | |
| MB 460-1020433/1-A | 1 | T | 11:38 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 11:41 | | | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-E PDS | 1 | T | 11:44 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-G MS | 1 | T | 11:46 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-F DU | 1 | T | 11:49 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 11:51 | | | | | | | | | | | | | | | | | | | | |
| 460-319481-E-10-E SD ^5 | 5 | T | 11:54 | X | X | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/61 | 1 | | 11:56 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/62 | 1 | | 11:59 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:12 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-1 | 1 | T | 12:14 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319954-2 | 1 | T | 12:17 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319954-3 | 1 | T | 12:19 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319954-4 | 1 | T | 12:22 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319954-5 | 1 | T | 12:24 | X | X | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/73 | 1 | | 12:27 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/74 | 1 | | 12:29 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319954-6 | 1 | T | 12:32 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:50 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 02/11/2025 09:15 End Date: 02/11/2025 18:46

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:53 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 12:55 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/85 | 1 | | 13:03 | X | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/86 | 1 | | 13:05 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:10 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:13 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:16 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:18 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:21 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:23 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:26 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:28 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:31 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:33 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/97 | | | 13:36 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/98 | | | 13:38 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:41 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:43 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:46 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:49 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:51 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:54 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:56 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:59 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:01 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:04 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/109 | | | 14:11 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/110 | | | 14:14 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:16 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:19 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:22 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:24 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:27 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:29 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:32 | | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/118 | | | 14:40 | | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/119 | | | 14:42 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:50 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:53 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:55 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:58 | | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:10 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/129 | | | 15:13 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/130 | | | 15:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:33 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/138 | | | 15:36 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/139 | | | 15:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/149 | | | 16:04 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/150 | | | 16:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:32 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/161 | | | 16:35 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/162 | | | 16:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:42 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:57 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/173 | | | 17:05 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/174 | | | 17:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:20 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/180 | | | 17:23 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/181 | | | 17:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 17:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 17:48 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/189 | 1 | | 17:51 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/190 | 1 | | 17:53 | X | X | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A PDS ^20 | 20 | | 17:57 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-C MS ^20 | 20 | | 18:00 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-B DU ^20 | 20 | | 18:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:05 | | | | | | | | | | | | | | | | | | | | |
| 460-319953-A-11-A SD ^100 | 100 | | 18:07 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/196 | 1 | | 18:15 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/197 | 1 | | 18:18 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:36 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 09:15  End Date: 02/11/2025 18:46

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| CCV 460-1020726/205 | | | 18:43 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020726/206 | | | 18:46 | | | | | | | | | | | | | | | | | | | | |

Prep Types

= Total Recoverable

P = TCLP

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 20:17  End Date: 02/12/2025 01:59

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| IC 460-1020769/1 | | | 20:17 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020769/2 | | | 20:20 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020769/3 | | | 20:23 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020769/4 | | | 20:25 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020769/5 | | | 20:28 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| IC 460-1020769/6 | | | 20:31 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICV 460-1020769/7 | 1 | | 20:34 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICB 460-1020769/8 | 1 | | 20:36 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CRI 460-1020769/9 | | | 20:39 | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020769/10 | 1 | | 20:42 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ICSAB 460-1020769/11 | 1 | | 20:44 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LRC 460-1020769/12 | | | 20:47 | | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020769/13 | | | 20:49 | | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020769/14 | | | 20:52 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/15 | 1 | | 21:04 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020769/16 | 1 | | 21:07 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| LCSSRM 460-1020433/2-A ^3 | 3 | T | 21:10 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (Client) | | | 21:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:20 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/22 | 1 | | 21:22 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| CCB 460-1020769/23 | 1 | | 21:25 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| ZZZZZZ (QC) | | | 21:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:50 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/33 | | | 21:53 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/34 | | | 21:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:13 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 20:17  End Date: 02/12/2025 01:59

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ (Client) | | | 22:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:21 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/44 | | | 22:23 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/45 | | | 22:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:36 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/49 | | | 22:38 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/50 | | | 22:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:07 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/61 | | | 23:09 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/62 | | | 23:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:37 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/73 | | | 23:40 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/74 | | | 23:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:17 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 20:17  End Date: 02/12/2025 01:59

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Ag | Al | As | Ba | Be | Ca | Cd | Co | Cr | Cu | Fe | K | Mg | Mn | Na | Ni | Pb | Sb | Se | Tl |
| ZZZZZZ | | | 00:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:22 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/85 | | | 00:25 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/86 | | | 00:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/97 | | | 00:55 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/98 | | | 00:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 01:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/109 | | | 01:26 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/110 | | | 01:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 01:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:54 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/121 | | | 01:57 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/122 | | | 01:59 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 02/11/2025 20:17 End Date: 02/12/2025 01:59

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/1 | | | 20:17 | X | X | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/2 | | | 20:20 | X | X | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/3 | | | 20:23 | X | X | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/4 | | | 20:25 | X | X | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/5 | | | 20:28 | X | X | | | | | | | | | | | | | | | | | | |
| IC 460-1020769/6 | | | 20:31 | X | X | | | | | | | | | | | | | | | | | | |
| ICV 460-1020769/7 | 1 | | 20:34 | X | X | | | | | | | | | | | | | | | | | | |
| ICB 460-1020769/8 | 1 | | 20:36 | X | X | | | | | | | | | | | | | | | | | | |
| CRI 460-1020769/9 | | | 20:39 | | | | | | | | | | | | | | | | | | | | |
| ICSA 460-1020769/10 | 1 | | 20:42 | X | X | | | | | | | | | | | | | | | | | | |
| ICSAB 460-1020769/11 | 1 | | 20:44 | X | X | | | | | | | | | | | | | | | | | | |
| LRC 460-1020769/12 | | | 20:47 | | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020769/13 | | | 20:49 | | | | | | | | | | | | | | | | | | | | |
| LRC 460-1020769/14 | | | 20:52 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/15 | 1 | | 21:04 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/16 | 1 | | 21:07 | X | X | | | | | | | | | | | | | | | | | | |
| LCSSRM 460-1020433/2-A ^3 | 3 | T | 21:10 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:20 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/22 | 1 | | 21:22 | X | X | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/23 | 1 | | 21:25 | X | X | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:50 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/33 | | | 21:53 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/34 | | | 21:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:13 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 20:17  End Date: 02/12/2025 01:59

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:21 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/44 | | | 22:23 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/45 | | | 22:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:36 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/49 | | | 22:38 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/50 | | | 22:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 22:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 22:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:07 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/61 | | | 23:09 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/62 | | | 23:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:37 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/73 | | | 23:40 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/74 | | | 23:42 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 23:59 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:02 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:09 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:17 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4  Method: 6020B

Start Date: 02/11/2025 20:17  End Date: 02/12/2025 01:59

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | V | Zn | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:22 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/85 | | | 00:25 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/86 | | | 00:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:40 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 00:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 00:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 00:53 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/97 | | | 00:55 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/98 | | | 00:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:16 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 01:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/109 | | | 01:26 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/110 | | | 01:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 01:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 01:54 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020769/121 | | | 01:57 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020769/122 | | | 01:59 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: ICPMS4 Method: 6020B

Start Date: 02/11/2025 20:17 End Date: 02/12/2025 01:59

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6 Method: 7470A

Start Date: 02/10/2025 13:32 End Date: 02/10/2025 16:43

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| ICIS 460-1020521/1 | | | 13:32 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020487/26-A | | | 13:33 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020487/27-A | | | 13:35 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020487/28-A | | | 13:37 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020487/29-A | | | 13:39 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020487/30-A | | | 13:40 | X | | | | | | | | | | | | | | | | | | | |
| ICV 460-1020487/31-A | 1 | | 13:42 | X | | | | | | | | | | | | | | | | | | | |
| ICB 460-1020521/8 | 1 | | 13:44 | X | | | | | | | | | | | | | | | | | | | |
| CRI 460-1020487/32-A | 1 | | 13:46 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:47 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 13:49 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 13:51 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/13 | | | 13:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 13:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 13:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 14:10 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 14:11 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/25 | | | 14:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:30 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 14:32 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/37 | | | 14:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:41 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6  Method: 7470A

Start Date: 02/10/2025 13:32  End Date: 02/10/2025 16:43

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:42 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 14:44 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/44 | | | 14:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 14:56 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 14:59 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 15:01 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/51 | | | 15:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:05 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 15:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:13 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:20 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | | | 15:22 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/63 | | | 15:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:36 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:41 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | 1 | | 15:42 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/75 | 1 | | 15:44 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:46 | | | | | | | | | | | | | | | | | | | | |
| MB 460-1020501/1-A | 1 | T | 15:48 | X | | | | | | | | | | | | | | | | | | | |
| LCS 460-1020501/2-A | 1 | T | 15:49 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 15:51 | | | | | | | | | | | | | | | | | | | | |
| 460-319695-D-4-B DU | 1 | T | 15:53 | X | | | | | | | | | | | | | | | | | | | |
| 460-319695-D-4-C MS | 1 | T | 15:55 | X | | | | | | | | | | | | | | | | | | | |
| 460-319695-D-4-D MSD | 1 | T | 15:56 | X | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6  Method: 7470A

Start Date: 02/10/2025 13:32  End Date: 02/10/2025 16:43

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| 460-319695-D-4-A SD ^5 | 5 | T | 15:58 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:01 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | 1 | | 16:03 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/87 | 1 | | 16:05 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:14 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:19 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:22 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | 1 | | 16:24 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/99 | 1 | | 16:26 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:34 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-7 | 1 | T | 16:36 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:38 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:39 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020487/35-A | 1 | | 16:41 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020521/109 | 1 | | 16:43 | X | | | | | | | | | | | | | | | | | | | |

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6  Method: 7471B

Start Date: 02/10/2025 04:01  End Date: 02/10/2025 07:05

| Lab Sample ID | D/F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| ICIS 460-1020443/1 | | | 04:01 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020392/2-A | | | 04:03 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020392/3-A | | | 04:05 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020392/4-A | | | 04:06 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020392/5-A | | | 04:08 | X | | | | | | | | | | | | | | | | | | | |
| IC 460-1020392/6-A | | | 04:10 | X | | | | | | | | | | | | | | | | | | | |
| ICV 460-1020443/7 | 1 | | 04:12 | X | | | | | | | | | | | | | | | | | | | |
| ICB 460-1020443/8 | 1 | | 04:14 | X | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/9 | | | 04:16 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/10 | | | 04:18 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 04:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 04:21 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:23 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 04:25 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 04:27 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 04:29 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:32 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:34 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:36 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/21 | | | 04:37 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/22 | | | 04:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:41 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:43 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:45 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:50 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:52 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 04:57 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/33 | | | 04:59 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/34 | | | 05:01 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:03 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:04 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:06 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:08 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:10 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:11 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:13 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6  Method: 7471B

Start Date: 02/10/2025 04:01  End Date: 02/10/2025 07:05

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:15 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:19 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/45 | | | 05:20 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/46 | | | 05:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 05:26 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:28 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:39 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:40 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/57 | | | 05:42 | | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/58 | | | 05:44 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:46 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:48 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:49 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:53 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:55 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:57 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 05:58 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/69 | 1 | | 06:04 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/70 | 1 | | 06:05 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:07 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 06:09 | | | | | | | | | | | | | | | | | | | | |
| LCSSRM 460-1020394/2-A ^40 | 40 | T | 06:11 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-3 | 1 | T | 06:13 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-3 DU | 1 | T | 06:15 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-3 MS | 1 | T | 06:17 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-3 SD | 5 | T | 06:19 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:20 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:22 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:24 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/81 | 1 | | 06:26 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/82 | 1 | | 06:28 | X | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: LEEMAN6  Method: 7471B

Start Date: 02/10/2025 04:01  End Date: 02/10/2025 07:05

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Hg | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:30 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:31 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:33 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:35 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:37 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:39 | | | | | | | | | | | | | | | | | | | | |
| 460-319954-1 | 1 | T | 06:41 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-2 | 1 | T | 06:43 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-4 | 1 | T | 06:45 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-5 | 1 | T | 06:47 | X | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/93 | 1 | | 06:49 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/94 | 1 | | 06:51 | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-6 | 1 | T | 06:53 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:54 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 06:56 | | | | | | | | | | | | | | | | | | | | |
| MB 460-1020394/1-A | 1 | T | 06:58 | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 07:00 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 07:02 | | | | | | | | | | | | | | | | | | | | |
| CCV 460-1020443/101 | 1 | | 07:03 | X | | | | | | | | | | | | | | | | | | | |
| CCB 460-1020443/102 | 1 | | 07:05 | X | | | | | | | | | | | | | | | | | | | |

Prep Types
T = Total/NA

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:  Analysis Batch No.: 1020512

ICP-MS Instrument ID: ICPMS4  Start Date: 02/10/2025 End Date: 02/10/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Li-6 | Q | Element Sc/1 | Q | Element Sc/2 | Q | Element Sc/3 | Q | Element Ge/2 | Q |
| IC 460-1020512/1 | 09:35 | 100 | | 100 | | 100 | | 100 | | 100 | |
| IC 460-1020512/2 | 09:38 | 105 | | 102 | | 98 | | 99 | | 98 | |
| IC 460-1020512/3 | 09:41 | 102 | | 100 | | 98 | | 99 | | 98 | |
| IC 460-1020512/4 | 09:44 | 97 | | 98 | | 97 | | 98 | | 100 | |
| IC 460-1020512/5 | 09:47 | 106 | | 105 | | 99 | | 100 | | 102 | |
| IC 460-1020512/6 | 09:49 | 93 | | 96 | | 97 | | 100 | | 102 | |
| ICV 460-1020512/7 | 09:54 | 98 | | 101 | | 99 | | 100 | | 102 | |
| ICB 460-1020512/8 | 09:56 | 103 | | 104 | | 98 | | 99 | | 98 | |
| ICSA 460-1020512/10 | 10:01 | 94 | | 97 | | 94 | | 97 | | 102 | |
| ICSAB | 10:04 | 100 | | 99 | | 94 | | 95 | | 100 | |
| 460-1020512/11<br>LRC 460-1020512/12 | 10:07 | 101 | | 95 | | 91 | | 90 | | 92 | |
| LRC 460-1020512/13 | 10:09 | 92 | | 95 | | 95 | | 99 | | 96 | |
| LRC 460-1020512/14 | 10:11 | 105 | | 97 | | 91 | | 93 | | 95 | |
| CCV 460-1020512/19 | 10:27 | 113 | | 99 | | 89 | | 89 | | 91 | |
| CCB 460-1020512/20 | 10:29 | 108 | | 97 | | 89 | | 90 | | 89 | |
| CCV 460-1020512/119 | 14:59 | 102 | | 94 | | 90 | | 89 | | 94 | |
| CCB 460-1020512/120 | 15:01 | 105 | | 94 | | 88 | | 91 | | 90 | |
| MB 460-1020447/1-A | 15:04 | 111 | | 99 | | 90 | | 95 | | 91 | |
| LCS 460-1020447/2-A | 15:07 | 117 | | 105 | | 94 | | 97 | | 94 | |
| 460-319953-A-11-A | 15:09 | 104 | | 99 | | 90 | | 96 | | 93 | |
| PDS ^5<br>460-319953-A-11-C | 15:12 | 111 | | 101 | | 92 | | 97 | | 95 | |
| MS ^5<br>460-319953-A-11-B | 15:14 | 111 | | 99 | | 92 | | 98 | | 96 | |
| DU ^5<br>460-319953-A-11-A | 15:19 | 114 | | 105 | | 98 | | 107 | | 103 | |
| SD ^25<br>CCV 460-1020512/131 | 15:31 | 116 | | 99 | | 90 | | 93 | | 95 | |
| CCB 460-1020512/132 | 15:34 | 110 | | 94 | | 90 | | 92 | | 90 | |
| CCV 460-1020512/188 | 18:18 | 101 | | 93 | | 90 | | 93 | | 95 | |
| CCB 460-1020512/189 | 18:21 | 109 | | 98 | | 91 | | 94 | | 91 | |
| 460-319954-7 | 18:38 | 114 | | 102 | | 95 | | 96 | | 95 | |
| CCV 460-1020512/199 | 18:46 | 114 | | 103 | | 93 | | 96 | | 97 | |
| CCB 460-1020512/200 | 18:49 | 106 | | 97 | | 94 | | 95 | | 95 | |
| **IS Name on Instrument** | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: Analysis Batch No.: 1020512

ICP-MS Instrument ID: ICPMS4 Start Date: 02/10/2025 End Date: 02/10/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Ge/3 | Q | Element In | Q | Element Tb | Q | Element Bi | Q | Element | Q |
| IC 460-1020512/1 | 09:35 | 100 | | 100 | | 100 | | 100 | | | |
| IC 460-1020512/2 | 09:38 | 100 | | 98 | | 98 | | 98 | | | |
| IC 460-1020512/3 | 09:41 | 100 | | 99 | | 98 | | 99 | | | |
| IC 460-1020512/4 | 09:44 | 102 | | 98 | | 99 | | 97 | | | |
| IC 460-1020512/5 | 09:47 | 102 | | 97 | | 98 | | 95 | | | |
| IC 460-1020512/6 | 09:49 | 104 | | 98 | | 98 | | 94 | | | |
| ICV 460-1020512/7 | 09:54 | 104 | | 98 | | 100 | | 96 | | | |
| ICB 460-1020512/8 | 09:56 | 99 | | 99 | | 99 | | 98 | | | |
| ICSA 460-1020512/10 | 10:01 | 103 | | 92 | | 95 | | 90 | | | |
| ICSAB | 10:04 | 104 | | 92 | | 95 | | 90 | | | |
| 460-1020512/11 LRC 460-1020512/12 | 10:07 | 92 | | 91 | | 94 | | 95 | | | |
| LRC 460-1020512/13 | 10:09 | 102 | | 91 | | 94 | | 87 | | | |
| LRC 460-1020512/14 | 10:11 | 98 | | 90 | | 94 | | 92 | | | |
| CCV 460-1020512/19 | 10:27 | 94 | | 90 | | 93 | | 93 | | | |
| CCB 460-1020512/20 | 10:29 | 91 | | 93 | | 95 | | 96 | | | |
| CCV 460-1020512/119 | 14:59 | 97 | | 91 | | 96 | | 94 | | | |
| CCB 460-1020512/120 | 15:01 | 94 | | 94 | | 97 | | 98 | | | |
| MB 460-1020447/1-A | 15:04 | 97 | | 95 | | 97 | | 99 | | | |
| LCS 460-1020447/2-A | 15:07 | 98 | | 95 | | 98 | | 98 | | | |
| 460-319953-A-11-A | 15:09 | 101 | | 92 | | 94 | | 88 | | | |
| PDS ^5 460-319953-A-11-C | 15:12 | 102 | | 91 | | 94 | | 88 | | | |
| MS ^5 460-319953-A-11-B | 15:14 | 102 | | 94 | | 95 | | 88 | | | |
| DU ^5 460-319953-A-11-A | 15:19 | 110 | | 102 | | 102 | | 97 | | | |
| SD ^25 CCV 460-1020512/131 | 15:31 | 99 | | 94 | | 97 | | 97 | | | |
| CCB 460-1020512/132 | 15:34 | 95 | | 96 | | 98 | | 100 | | | |
| CCV 460-1020512/188 | 18:18 | 100 | | 94 | | 97 | | 97 | | | |
| CCB 460-1020512/189 | 18:21 | 96 | | 96 | | 99 | | 101 | | | |
| 460-319954-7 | 18:38 | 99 | | 98 | | 101 | | 101 | | | |
| CCV 460-1020512/199 | 18:46 | 103 | | 96 | | 99 | | 98 | | | |
| CCB 460-1020512/200 | 18:49 | 99 | | 97 | | 100 | | 100 | | | |
| **IS Name on Instrument** | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: Analysis Batch No.: 1020726

ICP-MS Instrument ID: ICPMS4 Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Li-6 | Q | Element Sc/1 | Q | Element Sc/2 | Q | Element Sc/3 | Q | Element Ge/2 | Q |
| IC 460-1020726/1 | 09:15 | 100 | | 100 | | 100 | | 100 | | 100 | |
| IC 460-1020726/2 | 09:18 | 100 | | 98 | | 100 | | 99 | | 99 | |
| IC 460-1020726/3 | 09:21 | 99 | | 98 | | 100 | | 101 | | 99 | |
| IC 460-1020726/4 | 09:24 | 105 | | 103 | | 101 | | 100 | | 102 | |
| IC 460-1020726/5 | 09:26 | 95 | | 97 | | 103 | | 101 | | 105 | |
| IC 460-1020726/6 | 09:29 | 96 | | 99 | | 104 | | 103 | | 106 | |
| ICV 460-1020726/7 | 09:32 | 99 | | 101 | | 105 | | 104 | | 105 | |
| ICB 460-1020726/8 | 09:35 | 96 | | 100 | | 103 | | 102 | | 101 | |
| ICSA 460-1020726/10 | 09:40 | 98 | | 102 | | 103 | | 100 | | 104 | |
| ICSAB | 09:43 | 97 | | 100 | | 100 | | 99 | | 104 | |
| 460-1020726/11<br>LRC 460-1020726/12 | 09:45 | 102 | | 97 | | 98 | | 93 | | 97 | |
| LRC 460-1020726/13 | 09:48 | 94 | | 97 | | 99 | | 102 | | 99 | |
| LRC 460-1020726/14 | 09:50 | 103 | | 99 | | 96 | | 96 | | 99 | |
| CCV 460-1020726/19 | 10:03 | 106 | | 94 | | 94 | | 91 | | 93 | |
| CCB 460-1020726/20 | 10:06 | 104 | | 92 | | 92 | | 90 | | 91 | |
| CCV 460-1020726/52 | 11:33 | 105 | | 91 | | 87 | | 86 | | 87 | |
| CCB 460-1020726/53 | 11:36 | 111 | | 91 | | 86 | | 87 | | 84 | |
| MB 460-1020433/1-A | 11:38 | 104 | | 89 | | 87 | | 86 | | 85 | |
| 460-319481-E-10-E | 11:44 | 100 | | 88 | | 87 | | 87 | | 88 | |
| PDS<br>460-319481-E-10-G | 11:46 | 104 | | 92 | | 87 | | 87 | | 89 | |
| MS<br>460-319481-E-10-F | 11:49 | 107 | | 92 | | 88 | | 86 | | 88 | |
| DU<br>460-319481-E-10-E | 11:54 | 108 | | 94 | | 87 | | 85 | | 86 | |
| SD ^5<br>CCV 460-1020726/61 | 11:56 | 105 | | 91 | | 87 | | 86 | | 87 | |
| CCB 460-1020726/62 | 11:59 | 105 | | 91 | | 87 | | 87 | | 84 | |
| 460-319954-1 | 12:14 | 102 | | 91 | | 87 | | 87 | | 87 | |
| 460-319954-2 | 12:17 | 103 | | 93 | | 91 | | 89 | | 91 | |
| 460-319954-3 | 12:19 | 105 | | 98 | | 95 | | 93 | | 91 | |
| 460-319954-4 | 12:22 | 109 | | 101 | | 94 | | 95 | | 93 | |
| 460-319954-5 | 12:24 | 99 | | 93 | | 91 | | 93 | | 91 | |
| CCV 460-1020726/73 | 12:27 | 100 | | 92 | | 90 | | 90 | | 90 | |
| CCB 460-1020726/74 | 12:29 | 110 | | 96 | | 89 | | 89 | | 87 | |
| 460-319954-6 | 12:32 | 100 | | 95 | | 91 | | 90 | | 91 | |
| CCV 460-1020726/85 | 13:03 | 110 | | 94 | | 90 | | 87 | | 90 | |
| CCB 460-1020726/86 | 13:05 | 115 | | 97 | | 90 | | 88 | | 87 | |
| CCV 460-1020726/189 | 17:51 | 113 | | 93 | | 91 | | 88 | | 90 | |
| CCB 460-1020726/190 | 17:53 | 110 | | 94 | | 91 | | 88 | | 87 | |
| 460-319953-A-11-A | 17:57 | 112 | | 96 | | 89 | | 90 | | 90 | |
| PDS ^20 | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: Analysis Batch No.: 1020726

ICP-MS Instrument ID: ICPMS4 Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Li-6 | Q | Element Sc/1 | Q | Element Sc/2 | Q | Element Sc/3 | Q | Element Ge/2 | Q |
| 460-319953-A-11-C | 18:00 | 105 | | 92 | | 92 | | 92 | | 91 | |
| MS ^20 460-319953-A-11-B | 18:02 | 103 | | 93 | | 91 | | 91 | | 92 | |
| DU ^20 460-319953-A-11-A | 18:07 | 115 | | 98 | | 91 | | 90 | | 90 | |
| SD ^100 CCV 460-1020726/196 | 18:15 | 111 | | 93 | | 85 | | 85 | | 87 | |
| CCB 460-1020726/197 | 18:18 | 106 | | 90 | | 88 | | 86 | | 85 | |
| **IS Name on Instrument** | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: Analysis Batch No.: 1020726

ICP-MS Instrument ID: ICPMS4 Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Ge/3 | Q | Element In | Q | Element Tb | Q | Element Bi | Q | Element | Q |
| IC 460-1020726/1 | 09:15 | 100 | | 100 | | 100 | | 100 | | | |
| IC 460-1020726/2 | 09:18 | 101 | | 100 | | 100 | | 99 | | | |
| IC 460-1020726/3 | 09:21 | 100 | | 100 | | 99 | | 99 | | | |
| IC 460-1020726/4 | 09:24 | 105 | | 99 | | 99 | | 97 | | | |
| IC 460-1020726/5 | 09:26 | 106 | | 99 | | 98 | | 97 | | | |
| IC 460-1020726/6 | 09:29 | 106 | | 98 | | 99 | | 94 | | | |
| ICV 460-1020726/7 | 09:32 | 107 | | 100 | | 100 | | 97 | | | |
| ICB 460-1020726/8 | 09:35 | 101 | | 101 | | 100 | | 99 | | | |
| ICSA 460-1020726/10 | 09:40 | 104 | | 94 | | 95 | | 90 | | | |
| ICSAB | 09:43 | 103 | | 93 | | 95 | | 90 | | | |
| 460-1020726/11<br>LRC 460-1020726/12 | 09:45 | 95 | | 92 | | 95 | | 95 | | | |
| LRC 460-1020726/13 | 09:48 | 101 | | 93 | | 93 | | 85 | | | |
| LRC 460-1020726/14 | 09:50 | 99 | | 92 | | 95 | | 91 | | | |
| CCV 460-1020726/19 | 10:03 | 94 | | 90 | | 93 | | 92 | | | |
| CCB 460-1020726/20 | 10:06 | 89 | | 92 | | 93 | | 94 | | | |
| CCV 460-1020726/52 | 11:33 | 88 | | 85 | | 90 | | 89 | | | |
| CCB 460-1020726/53 | 11:36 | 86 | | 89 | | 91 | | 93 | | | |
| MB 460-1020433/1-A | 11:38 | 85 | | 88 | | 90 | | 93 | | | |
| 460-319481-E-10-E | 11:44 | 89 | | 86 | | 90 | | 91 | | | |
| PDS<br>460-319481-E-10-G | 11:46 | 89 | | 84 | | 90 | | 89 | | | |
| MS<br>460-319481-E-10-F | 11:49 | 90 | | 85 | | 90 | | 90 | | | |
| DU<br>460-319481-E-10-E | 11:54 | 87 | | 85 | | 88 | | 90 | | | |
| SD ^5<br>CCV 460-1020726/61 | 11:56 | 87 | | 85 | | 89 | | 89 | | | |
| CCB 460-1020726/62 | 11:59 | 86 | | 87 | | 89 | | 92 | | | |
| 460-319954-1 | 12:14 | 90 | | 84 | | 90 | | 89 | | | |
| 460-319954-2 | 12:17 | 92 | | 86 | | 92 | | 91 | | | |
| 460-319954-3 | 12:19 | 95 | | 88 | | 93 | | 91 | | | |
| 460-319954-4 | 12:22 | 95 | | 89 | | 94 | | 92 | | | |
| 460-319954-5 | 12:24 | 93 | | 88 | | 92 | | 91 | | | |
| CCV 460-1020726/73 | 12:27 | 91 | | 89 | | 92 | | 90 | | | |
| CCB 460-1020726/74 | 12:29 | 88 | | 90 | | 91 | | 92 | | | |
| 460-319954-6 | 12:32 | 92 | | 87 | | 92 | | 91 | | | |
| CCV 460-1020726/85 | 13:03 | 91 | | 88 | | 91 | | 90 | | | |
| CCB 460-1020726/86 | 13:05 | 87 | | 90 | | 93 | | 94 | | | |
| CCV 460-1020726/189 | 17:51 | 91 | | 88 | | 93 | | 92 | | | |
| CCB 460-1020726/190 | 17:53 | 89 | | 92 | | 94 | | 95 | | | |
| 460-319953-A-11-A | 17:57 | 91 | | 88 | | 91 | | 88 | | | |
| PDS ^20 | | | | | | | | | | | |

FORM XV - IN

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.: Analysis Batch No.: 1020726

ICP-MS Instrument ID: ICPMS4 Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Ge/3 | Q | Element In | Q | Element Tb | Q | Element Bi | Q | Element | Q |
| 460-319953-A-11-C | 18:00 | 93 | | 89 | | 92 | | 89 | | | |
| MS ^20 460-319953-A-11-B | 18:02 | 92 | | 90 | | 93 | | 90 | | | |
| DU ^20 460-319953-A-11-A | 18:07 | 89 | | 90 | | 93 | | 92 | | | |
| SD ^100 CCV 460-1020726/196 | 18:15 | 88 | | 86 | | 90 | | 90 | | | |
| CCB 460-1020726/197 | 18:18 | 85 | | 87 | | 90 | | 93 | | | |
| **IS Name on Instrument** | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:  Analysis Batch No.: 1020769

ICP-MS Instrument ID: ICPMS4  Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Li-6 | Q | Element Sc/1 | Q | Element Sc/2 | Q | Element Sc/3 | Q | Element Ge/2 | Q |
| ICV 460-1020769/7 | 20:34 | 101 | | 100 | | 101 | | 98 | | 101 | |
| ICB 460-1020769/8 | 20:36 | 100 | | 99 | | 100 | | 99 | | 97 | |
| ICSA 460-1020769/10 | 20:42 | 96 | | 99 | | 98 | | 98 | | 102 | |
| ICSAB | 20:44 | 96 | | 100 | | 100 | | 101 | | 105 | |
| 460-1020769/11<br>CCV 460-1020769/15 | 21:04 | 104 | | 103 | | 101 | | 99 | | 103 | |
| CCB 460-1020769/16 | 21:07 | 98 | | 101 | | 106 | | 104 | | 102 | |
| LCSSRM | 21:10 | 109 | | 106 | | 103 | | 103 | | 106 | |
| 460-1020433/2-A ^3<br>CCV 460-1020769/22 | 21:22 | 99 | | 102 | | 102 | | 103 | | 104 | |
| CCB 460-1020769/23 | 21:25 | 99 | | 101 | | 105 | | 105 | | 102 | |
| **IS Name on Instrument** | | | | | | | | | | | |

15-IN
ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY
METALS

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:  Analysis Batch No.: 1020769

ICP-MS Instrument ID: ICPMS4  Start Date: 02/11/2025 End Date: 02/11/2025

| Lab Sample ID | Time | Internal Standards %RI For: | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Element Ge/3 | Q | Element In | Q | Element Tb | Q | Element Bi | Q | Element | Q |
| ICV 460-1020769/7 | 20:34 | 102 | | 97 | | 99 | | 97 | | | |
| ICB 460-1020769/8 | 20:36 | 98 | | 98 | | 98 | | 98 | | | |
| ICSA 460-1020769/10 | 20:42 | 105 | | 96 | | 98 | | 93 | | | |
| ICSAB | 20:44 | 109 | | 97 | | 99 | | 94 | | | |
| 460-1020769/11<br>CCV 460-1020769/15 | 21:04 | 102 | | 100 | | 100 | | 97 | | | |
| CCB 460-1020769/16 | 21:07 | 104 | | 104 | | 103 | | 103 | | | |
| LCSSRM | 21:10 | 108 | | 103 | | 104 | | 101 | | | |
| 460-1020433/2-A ^3<br>CCV 460-1020769/22 | 21:22 | 107 | | 104 | | 103 | | 100 | | | |
| CCB 460-1020769/23 | 21:25 | 105 | | 107 | | 104 | | 103 | | | |
| **IS Name on Instrument** | | | | | | | | | | | |

# Sample Report

**File Name** 001SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 09:28:07

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | | ug/l | | 2000 | |
| B | 11 | 6 | No Gas | | ug/l | | 2000 | |
| Na | 23 | 45 | He | | ug/l | | 500000 | |
| Mg | 24 | 45 | He | | ug/l | | 500000 | |
| Al | 27 | 45 | He | | ug/l | | 500000 | |
| K | 39 | 45 | He | | ug/l | | 500000 | |
| Ca | 40 | 45 | H2 | | ug/l | | 1000000 | |
| Ti | 47 | 45 | He | | ug/l | | 10000 | |
| V | 51 | 45 | He | | ug/l | | 5000 | |
| Cr | 52 | 45 | He | | ug/l | | 20000 | |
| Mn | 55 | 45 | He | | ug/l | | 20000 | |
| Fe | 56 | 45 | H2 | | ug/l | | 500000 | |
| Co | 59 | 45 | He | | ug/l | | 2000 | |
| Ni | 60 | 45 | He | | ug/l | | 20000 | |
| Cu | 63 | 45 | He | | ug/l | | 20000 | |
| Zn | 66 | 45 | He | | ug/l | | 20000 | |
| As | 75 | 45 | He | | ug/l | | 5000 | |
| Se | 78 | 45 | H2 | | ug/l | | 3000 | |
| Sr | 88 | 115 | He | | ug/l | | 5000 | |
| Mo | 95 | 115 | He | | ug/l | | 2000 | |
| Ag | 107 | 115 | He | | ug/l | | 1000 | |
| Cd | 111 | 115 | He | | ug/l | | 5000 | |
| Sn | 118 | 115 | He | | ug/l | | 2000 | |
| Sb | 121 | 115 | He | | ug/l | | 1000 | |
| Ba | 137 | 159 | He | | ug/l | | 20000 | |
| Tl | 205 | 209 | He | | ug/l | | 1000 | |
| [Pb] | 206 | 209 | He | | ug/l | | | |
| [Pb] | 207 | 209 | He | | ug/l | | | |
| Pb | 208 | 209 | He | | ug/l | | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3212339.54 | 7.0 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6195408.66 | 4.0 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1992315.29 | 1.2 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 53514.98 | 1.0 | | 70 | 140 | |
| Ge (IS) | 74 | H2 | 387339.71 | 1.3 | | 70 | 140 | |
| Ge (IS) | 74 | He | 33897.94 | 1.9 | | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 82308.28 | 0.7 | | 70 | 140 | |
| Tb (IS) | 159 | He | 476848.36 | 0.6 | | 70 | 140 | |
| Bi (IS) | 209 | He | 377514.45 | 0.9 | | 70 | 140 | |

# Sample Report

**File Name** 002SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 09:30:41

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | | ug/l | | 2000 | |
| B | 11 | 6 | No Gas | | ug/l | | 2000 | |
| Na | 23 | 45 | He | | ug/l | | 500000 | |
| Mg | 24 | 45 | He | | ug/l | | 500000 | |
| Al | 27 | 45 | He | | ug/l | | 500000 | |
| K | 39 | 45 | He | | ug/l | | 500000 | |
| Ca | 40 | 45 | H2 | | ug/l | | 1000000 | |
| Ti | 47 | 45 | He | | ug/l | | 10000 | |
| V | 51 | 45 | He | | ug/l | | 5000 | |
| Cr | 52 | 45 | He | | ug/l | | 20000 | |
| Mn | 55 | 45 | He | | ug/l | | 20000 | |
| Fe | 56 | 45 | H2 | | ug/l | | 500000 | |
| Co | 59 | 45 | He | | ug/l | | 2000 | |
| Ni | 60 | 45 | He | | ug/l | | 20000 | |
| Cu | 63 | 45 | He | | ug/l | | 20000 | |
| Zn | 66 | 45 | He | | ug/l | | 20000 | |
| As | 75 | 45 | He | | ug/l | | 5000 | |
| Se | 78 | 45 | H2 | | ug/l | | 3000 | |
| Sr | 88 | 115 | He | | ug/l | | 5000 | |
| Mo | 95 | 115 | He | | ug/l | | 2000 | |
| Ag | 107 | 115 | He | | ug/l | | 1000 | |
| Cd | 111 | 115 | He | | ug/l | | 5000 | |
| Sn | 118 | 115 | He | | ug/l | | 2000 | |
| Sb | 121 | 115 | He | | ug/l | | 1000 | |
| Ba | 137 | 159 | He | | ug/l | | 20000 | |
| Tl | 205 | 209 | He | | ug/l | | 1000 | |
| [Pb] | 206 | 209 | He | | ug/l | | | |
| [Pb] | 207 | 209 | He | | ug/l | | | |
| Pb | 208 | 209 | He | | ug/l | | 20000 | |

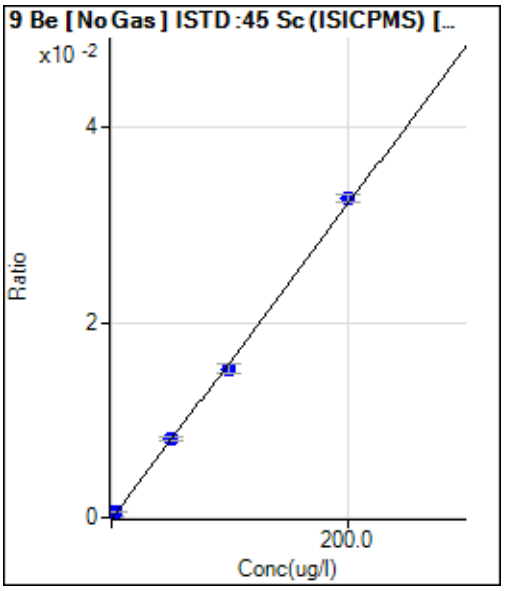
**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3209010.99 | 7.8 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6229074.21 | 5.9 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2039460.94 | 0.1 | | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 53954.33 | 0.6 | | 70 | 140 | |
| Ge (IS) | 74 | H2 | 392772.56 | 0.9 | | 70 | 140 | |
| Ge (IS) | 74 | He | 33831.17 | 1.2 | | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 82179.72 | 0.9 | | 70 | 140 | |
| Tb (IS) | 159 | He | 473818.62 | 1.3 | | 70 | 140 | |
| Bi (IS) | 209 | He | 378103.23 | 1.3 | | 70 | 140 | |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021025.b\
Analysis File: NM021025.batch.bin
DA Date-Time: 2025-02-10 10:45:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

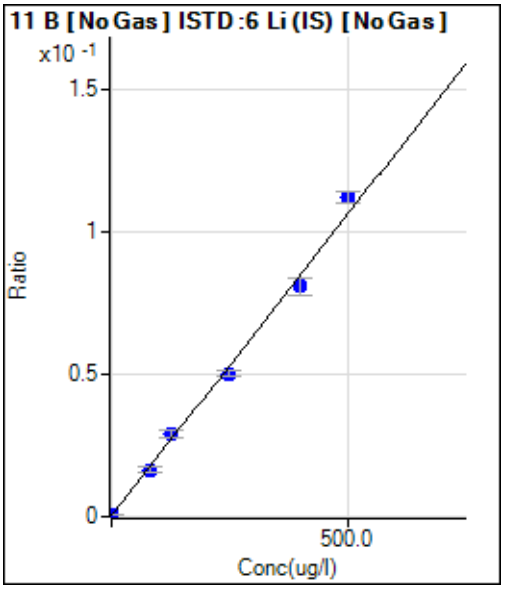
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-10 09:35:49 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-10 09:38:52 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-10 09:41:39 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-10 09:44:25 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-10 09:47:08 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-10 09:49:52 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 5.0 | |
| 2 | ☐ | 0.800 | 0.743 | 765.58 | 0.0001 | P | 9.8 | -7.1 |
| 3 | ☐ | 4.000 | 3.769 | 3790.53 | 0.0006 | P | 6.4 | -5.8 |
| 4 | ☐ | 50.000 | 50.155 | 49533.89 | 0.0081 | P | 4.6 | 0.3 |
| 5 | ☐ | 100.000 | 94.492 | 99759.90 | 0.0153 | P | 5.6 | -5.5 |
| 6 | ☐ | 200.000 | 202.720 | 196907.31 | 0.0328 | P | 2.6 | 1.4 |

y = 1.6172E-004 * x + 5.3560E-007
R = 0.9994
DL = 0.0005007 ug/l
BEC = 0.003312 ug/l

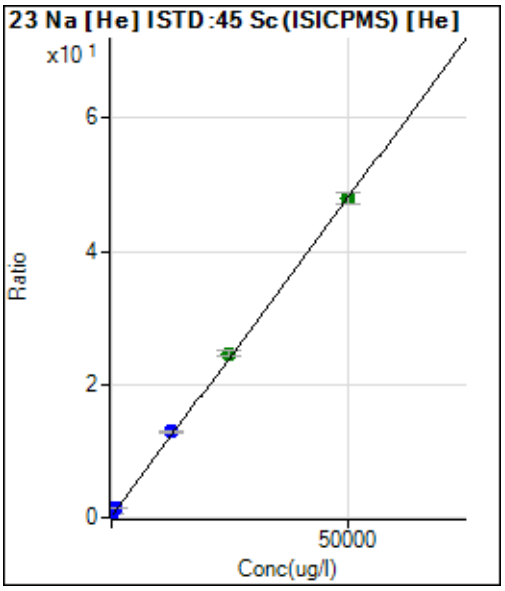
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2961.44 | 0.0009 | P | 5.6 | |
| 2 | ☐ | 80.000 | 73.725 | 55371.33 | 0.0165 | P | 9.4 | -7.8 |
| 3 | ☐ | 400.000 | 378.294 | 263356.02 | 0.0810 | P | 7.6 | -5.4 |
| 4 | ☐ | 125.000 | 131.805 | 89087.72 | 0.0288 | P | 8.6 | 5.4 |
| 5 | ☐ | 250.000 | 232.408 | 170089.62 | 0.0501 | P | 3.8 | -7.0 |
| 6 | ☐ | 500.000 | 525.464 | 335190.15 | 0.1122 | P | 3.6 | 5.1 |

y = 2.1174E-004 * x + 9.2377E-004
R = 0.9963
DL = 0.7388 ug/l
BEC = 4.363 ug/l

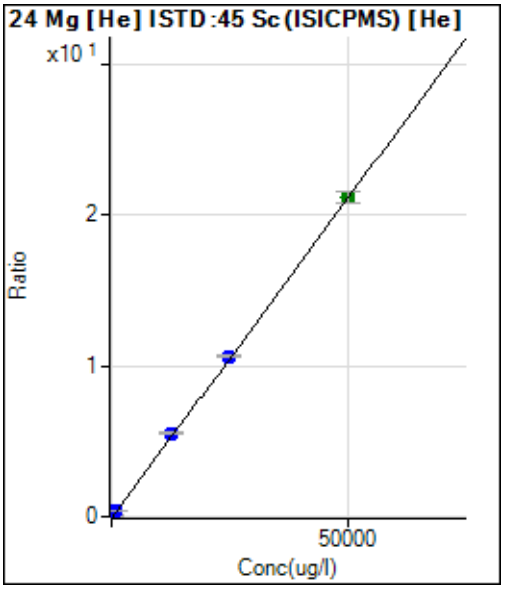
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22966.66 | 0.4424 | P | 1.2 | |
| 2 | ☐ | 200.000 | 203.874 | 32701.47 | 0.6375 | P | 2.5 | 1.9 |
| 3 | ☐ | 1000.000 | 1034.174 | 73511.16 | 1.4319 | P | 1.1 | 3.4 |
| 4 | ☐ | 12500.00 | 13049.15 | 656262.90 | 12.927 | P | 1.9 | 4.4 |
| 5 | ☐ | 25000.00 | 25326.06 | 1281111.60 | 24.673 | A | 3.1 | 1.3 |
| 6 | ☐ | 50000.00 | 49698.97 | 2498446.21 | 47.992 | A | 3.2 | -0.6 |

y = 9.5676E-004 * x + 0.4424
R = 0.9999
DL = 16.69 ug/l
BEC = 462.4 ug/l

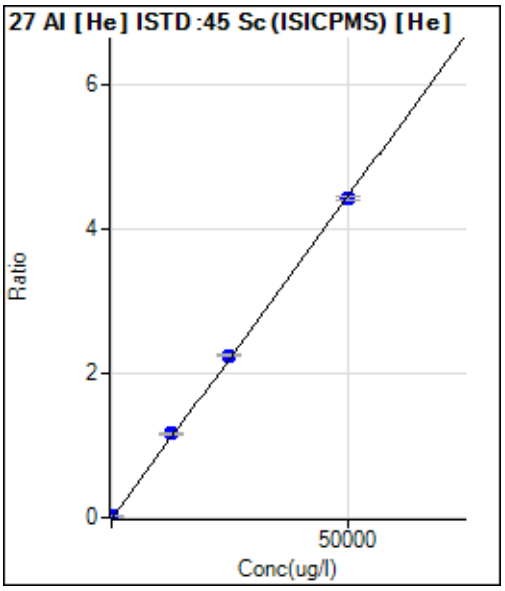
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0017 | P | 16.3 | |
| 2 | ☐ | 200.000 | 209.148 | 4644.14 | 0.0905 | P | 5.8 | 4.6 |
| 3 | ☐ | 1000.000 | 1024.267 | 22421.38 | 0.4368 | P | 2.0 | 2.4 |
| 4 | ☐ | 12500.00 | 12957.17 | 279466.17 | 5.5052 | P | 2.4 | 3.7 |
| 5 | ☐ | 25000.00 | 24967.03 | 550794.77 | 10.606 | P | 1.3 | -0.1 |
| 6 | ☐ | 50000.00 | 49901.66 | 1103555.35 | 21.197 | A | 3.8 | -0.2 |

y = 4.2475E-004 * x + 0.0017
R = 1.0000
DL = 1.972 ug/l
BEC = 4.02 ug/l

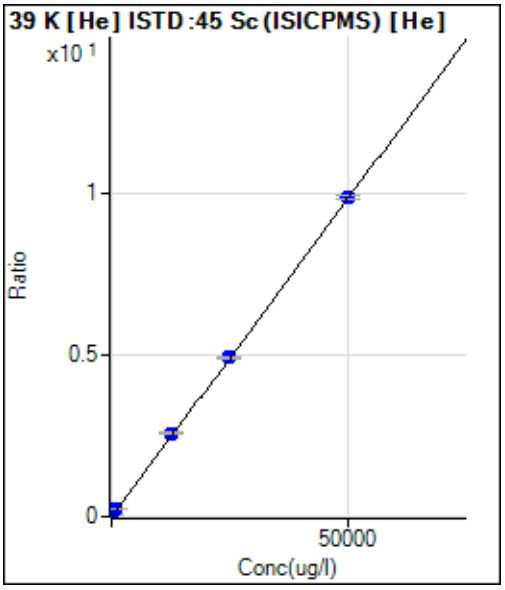
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -1.106 | 37.78 | 0.0007 | P | 60.9 | |
| 2 | ☐ | 40.000 | 47.848 | 261.12 | 0.0051 | P | 24.5 | 19.6 |
| 3 | ☐ | 200.000 | 193.816 | 932.26 | 0.0181 | P | 8.1 | -3.1 |
| 4 | ☐ | 12500.00 | 12990.68 | 59000.57 | 1.1621 | P | 1.2 | 3.9 |
| 5 | ☐ | 25000.00 | 25079.72 | 116469.08 | 2.2427 | P | 1.5 | 0.3 |
| 6 | ☐ | 50000.00 | 49455.22 | 230240.41 | 4.4216 | P | 0.8 | -1.1 |

y = 8.939025E-005 * x + 8.199228E-004
R = 0.9999
DL = 14.74 ug/l
BEC = 9.172 ug/l

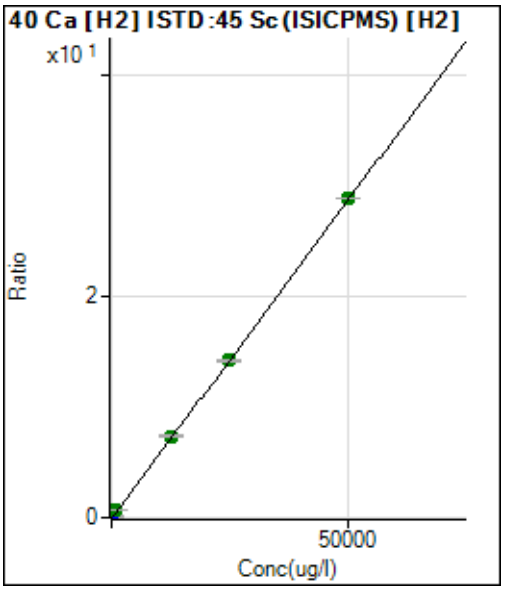
Weight: 1/y
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2075.72 | 0.0400 | P | 2.2 | |
| 2 | ☐ | 200.000 | 203.628 | 4111.74 | 0.0802 | P | 6.0 | 1.8 |
| 3 | ☐ | 1000.000 | 1000.039 | 12179.85 | 0.2373 | P | 3.1 | 0.0 |
| 4 | ☐ | 12500.00 | 12837.27 | 130577.16 | 2.5723 | P | 2.6 | 2.7 |
| 5 | ☐ | 25000.00 | 24846.73 | 256608.87 | 4.9413 | P | 1.2 | -0.6 |
| 6 | ☐ | 50000.00 | 49992.30 | 515555.83 | 9.9015 | P | 1.6 | 0.0 |

y = 1.9726E-004 * x + 0.0400
R = 1.0000
DL = 13.41 ug/l
BEC = 202.8 ug/l

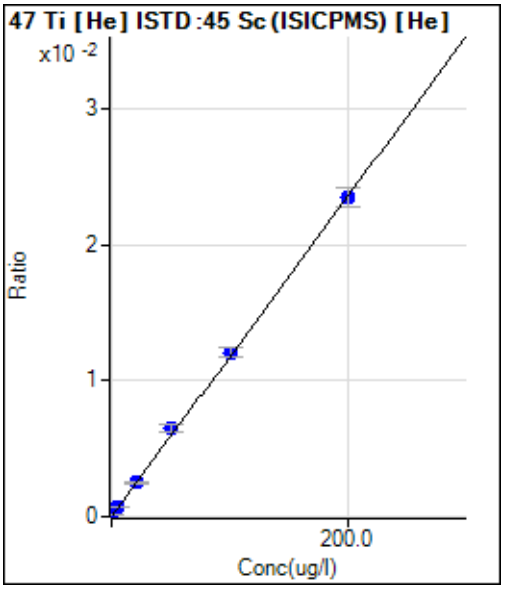
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60206.17 | 0.0289 | P | 0.1 | |
| 2 | ☐ | 200.000 | 207.106 | 303366.71 | 0.1481 | P | 1.6 | 3.6 |
| 3 | ☐ | 1000.000 | 1019.442 | 1255483.79 | 0.6156 | A | 0.9 | 1.9 |
| 4 | ☐ | 12500.00 | 12790.40 | 14894868.39 | 7.3898 | A | 0.8 | 2.3 |
| 5 | ☐ | 25000.00 | 24641.35 | 29245170.40 | 14.210 | A | 0.9 | -1.4 |
| 6 | ☐ | 50000.00 | 50106.30 | 58599686.90 | 28.865 | A | 0.4 | 0.2 |

y = 5.7550E-004 * x + 0.0289
R = 0.9999
DL = 0.1975 ug/l
BEC = 50.18 ug/l

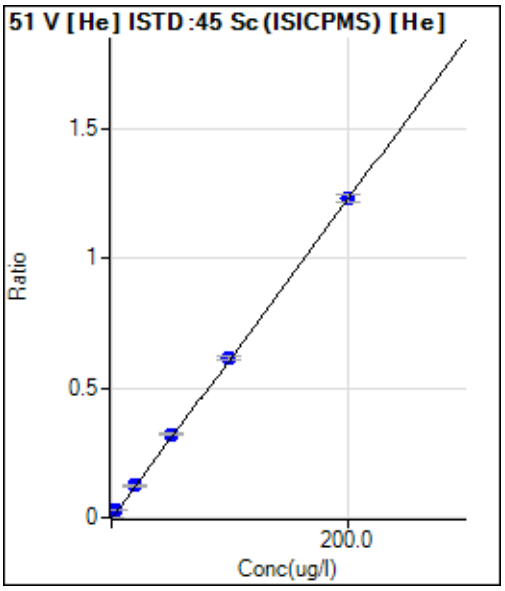
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.67 | 0.0002 | P | 19.9 | |
| 2 | ☐ | 4.000 | 4.159 | 33.67 | 0.0007 | P | 4.8 | 4.0 |
| 3 | ☐ | 20.000 | 19.785 | 128.01 | 0.0025 | P | 8.6 | -1.1 |
| 4 | ☐ | 50.000 | 54.071 | 331.37 | 0.0065 | P | 7.7 | 8.1 |
| 5 | ☐ | 100.000 | 101.421 | 628.08 | 0.0121 | P | 5.2 | 1.4 |
| 6 | ☐ | 200.000 | 198.290 | 1222.18 | 0.0235 | P | 5.7 | -0.9 |

y = 1.1758E-004 * x + 1.6744E-004
R = 0.9997
DL = 0.8483 ug/l
BEC = 1.424 ug/l

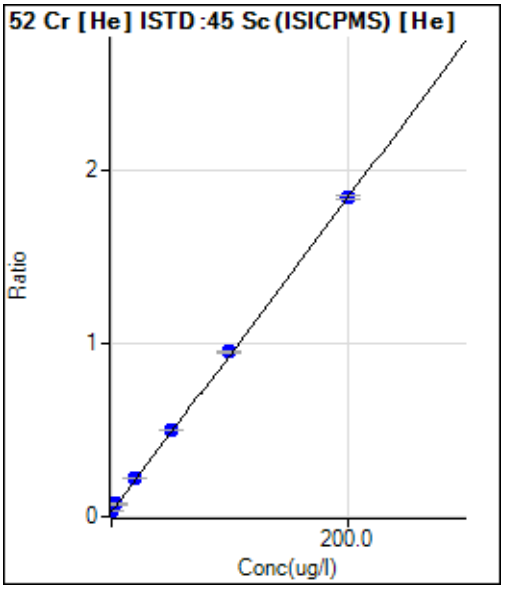
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 63.34 | 0.0012 | P | 51.3 | |
| 2 | ☐ | 4.000 | 4.187 | 1385.64 | 0.0270 | P | 2.6 | 4.7 |
| 3 | ☐ | 20.000 | 19.982 | 6378.19 | 0.1242 | P | 3.2 | -0.1 |
| 4 | ☐ | 50.000 | 52.125 | 16353.19 | 0.3221 | P | 1.7 | 4.2 |
| 5 | ☐ | 100.000 | 99.677 | 31922.80 | 0.6149 | P | 3.4 | -0.3 |
| 6 | ☐ | 200.000 | 199.628 | 64051.38 | 1.2302 | P | 1.9 | -0.2 |

y = 0.0062 * x + 0.0012
R = 0.9999
DL = 0.3064 ug/l
BEC = 0.1991 ug/l

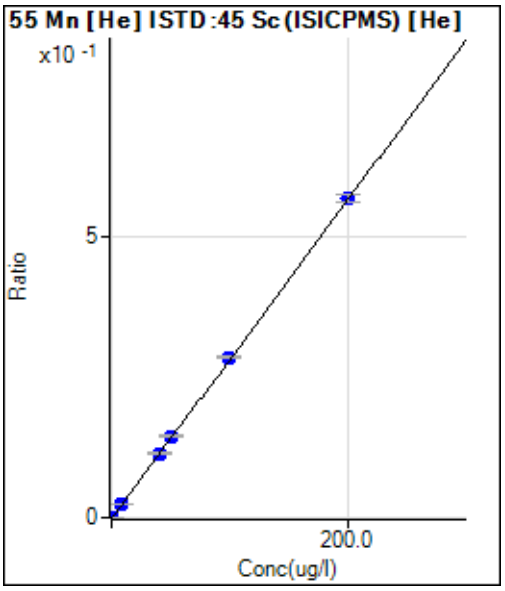
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1925.71 | 0.0371 | P | 2.3 | |
| 2 | ☐ | 4.000 | 3.868 | 3696.07 | 0.0721 | P | 5.6 | -3.3 |
| 3 | ☐ | 20.000 | 19.997 | 11193.53 | 0.2180 | P | 1.3 | 0.0 |
| 4 | ☐ | 50.000 | 51.223 | 25410.24 | 0.5005 | P | 0.8 | 2.4 |
| 5 | ☐ | 100.000 | 100.897 | 49328.60 | 0.9499 | P | 1.3 | 0.9 |
| 6 | ☐ | 200.000 | 199.249 | 95796.62 | 1.8397 | P | 0.8 | -0.4 |

y = 0.0090 * x + 0.0371
R = 1.0000
DL = 0.2787 ug/l
BEC = 4.098 ug/l

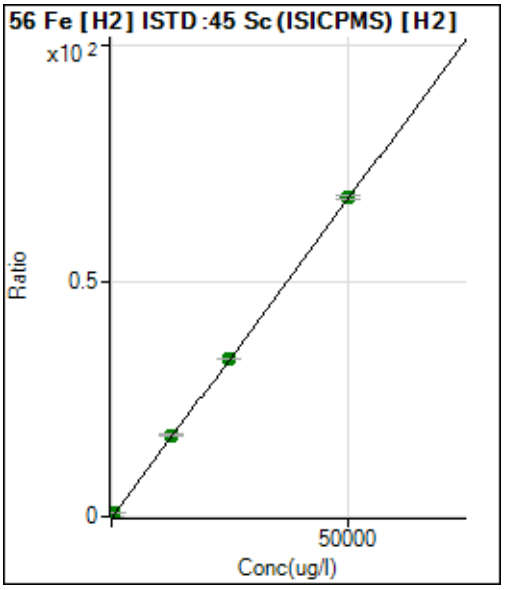
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 57.78 | 0.0011 | P | 16.0 | |
| 2 | ☐ | 8.000 | 7.802 | 1193.39 | 0.0233 | P | 2.4 | -2.5 |
| 3 | ☐ | 40.000 | 39.567 | 5822.39 | 0.1134 | P | 3.3 | -1.1 |
| 4 | ☐ | 50.000 | 50.532 | 7338.68 | 0.1446 | P | 1.7 | 1.1 |
| 5 | ☐ | 100.000 | 99.974 | 14795.86 | 0.2849 | P | 1.4 | 0.0 |
| 6 | ☐ | 200.000 | 199.974 | 29614.36 | 0.5688 | P | 2.1 | 0.0 |

y = 0.0028 * x + 0.0011
R = 1.0000
DL = 0.1893 ug/l
BEC = 0.3931 ug/l

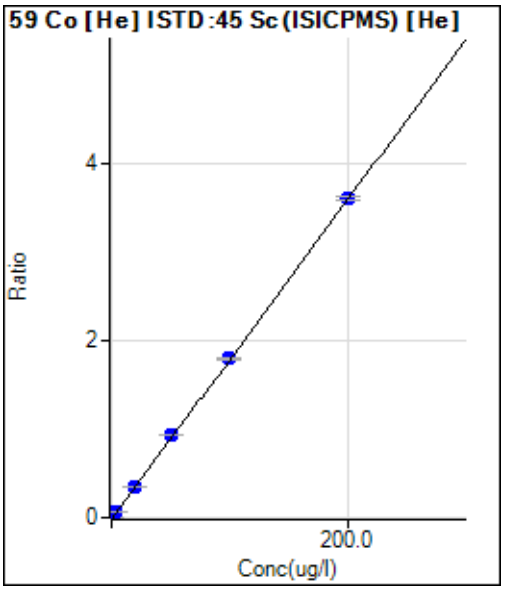
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 43614.98 | 0.0209 | P | 1.2 | |
| 2 | ☐ | 120.000 | 123.636 | 386035.56 | 0.1884 | P | 2.0 | 3.0 |
| 3 | ☐ | 600.000 | 621.017 | 1758492.02 | 0.8623 | A | 1.4 | 3.5 |
| 4 | ☐ | 12500.00 | 12758.42 | 34884700.31 | 17.306 | A | 0.8 | 2.1 |
| 5 | ☐ | 25000.00 | 24752.62 | 69070045.08 | 33.557 | A | 0.1 | -1.0 |
| 6 | ☐ | 50000.00 | 50058.82 | 137732326.8 | 67.843 | A | 1.5 | 0.1 |

y = 0.0014 * x + 0.0209
R = 1.0000
DL = 0.5373 ug/l
BEC = 15.44 ug/l

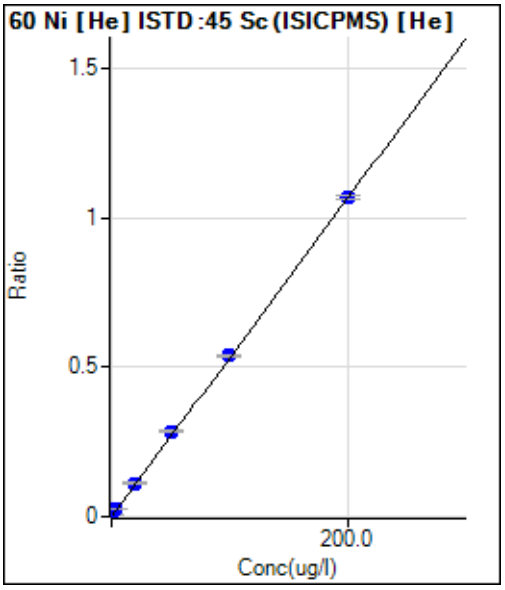
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0007 | P | 26.9 | |
| 2 | ☐ | 4.000 | 4.091 | 3823.89 | 0.0745 | P | 2.4 | 2.3 |
| 3 | ☐ | 20.000 | 19.594 | 18181.08 | 0.3541 | P | 0.9 | -2.0 |
| 4 | ☐ | 50.000 | 51.964 | 47617.24 | 0.9379 | P | 1.2 | 3.9 |
| 5 | ☐ | 100.000 | 99.710 | 93428.01 | 1.7991 | P | 1.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.693 | 187562.48 | 3.6023 | P | 1.8 | -0.2 |

y = 0.0180 * x + 7.3001E-004
R = 0.9999
DL = 0.03267 ug/l
BEC = 0.04048 ug/l

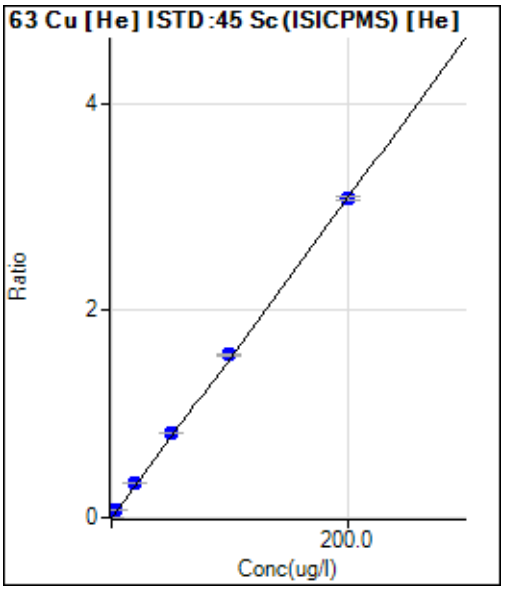
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 274.45 | 0.0053 | P | 11.4 | |
| 2 | ☐ | 4.000 | 4.186 | 1418.97 | 0.0277 | P | 1.1 | 4.7 |
| 3 | ☐ | 20.000 | 19.833 | 5710.11 | 0.1112 | P | 3.4 | -0.8 |
| 4 | ☐ | 50.000 | 52.309 | 14454.37 | 0.2847 | P | 2.6 | 4.6 |
| 5 | ☐ | 100.000 | 100.019 | 28020.05 | 0.5396 | P | 1.6 | 0.0 |
| 6 | ☐ | 200.000 | 199.426 | 55743.52 | 1.0706 | P | 1.6 | -0.3 |

y = 0.0053 * x + 0.0053
R = 0.9999
DL = 0.3382 ug/l
BEC = 0.9913 ug/l

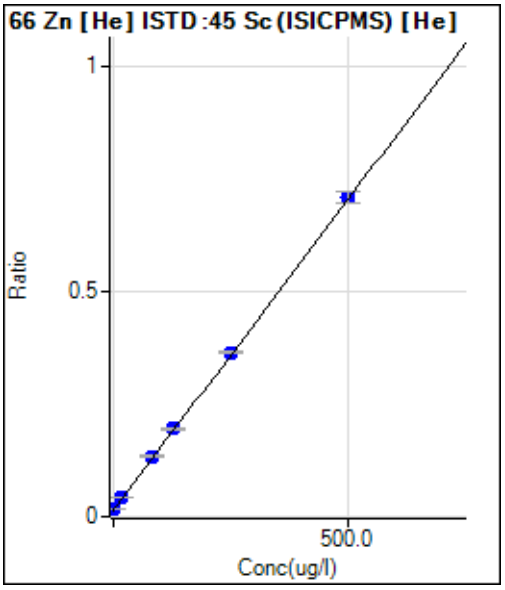
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 471.12 | 0.0091 | P | 1.7 | |
| 2 | ☐ | 4.000 | 4.317 | 3890.58 | 0.0758 | P | 2.0 | 7.9 |
| 3 | ☐ | 20.000 | 20.993 | 17136.41 | 0.3338 | P | 1.1 | 5.0 |
| 4 | ☐ | 50.000 | 52.743 | 41876.53 | 0.8248 | P | 0.3 | 5.5 |
| 5 | ☐ | 100.000 | 100.994 | 81594.87 | 1.5710 | P | 0.3 | 1.0 |
| 6 | ☐ | 200.000 | 198.711 | 160492.51 | 3.0823 | P | 1.6 | -0.6 |

y = 0.0155 * x + 0.0091
R = 0.9999
DL = 0.03069 ug/l
BEC = 0.5869 ug/l

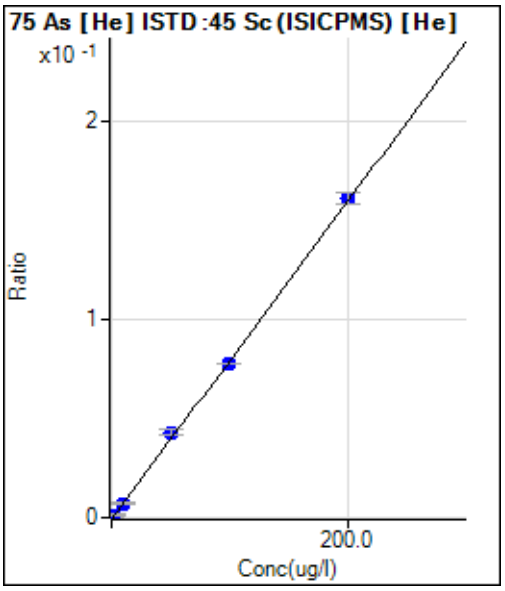
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -3.440 | 827.81 | 0.0160 | P | 10.8 | |
| 2 | ☐ | 16.000 | 16.301 | 2214.65 | 0.0431 | P | 4.6 | 1.9 |
| 3 | ☐ | 80.000 | 82.453 | 6889.56 | 0.1342 | P | 1.9 | 3.1 |
| 4 | ☐ | 125.000 | 126.779 | 9910.32 | 0.1952 | P | 2.5 | 1.4 |
| 5 | ☐ | 250.000 | 249.508 | 18912.10 | 0.3642 | P | 1.3 | -0.2 |
| 6 | ☐ | 500.000 | 499.399 | 36866.54 | 0.7082 | P | 3.1 | -0.1 |

y = 0.001377 * x + 0.020705
R = 0.9999
DL = 3.763 ug/l
BEC = 15.04 ug/l

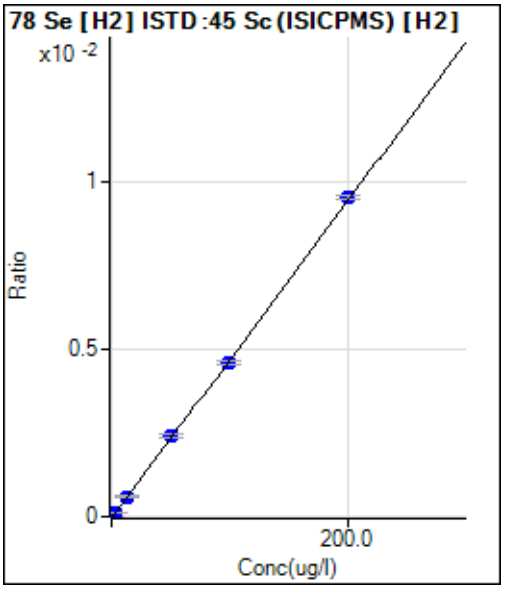
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.56 | 0.0001 | P | 92.8 | |
| 2 | ☐ | 2.000 | 1.596 | 71.11 | 0.0014 | P | 10.3 | -20.2 |
| 3 | ☐ | 10.000 | 8.815 | 367.79 | 0.0072 | P | 9.9 | -11.8 |
| 4 | ☐ | 50.000 | 53.616 | 2185.74 | 0.0430 | P | 6.9 | 7.2 |
| 5 | ☐ | 100.000 | 96.724 | 4029.52 | 0.0776 | P | 1.1 | -3.3 |
| 6 | ☐ | 200.000 | 200.798 | 8381.54 | 0.1609 | P | 3.3 | 0.4 |

y = 8.0091E-004 * x + 1.0814E-004
R = 0.9996
DL = 0.376 ug/l
BEC = 0.135 ug/l

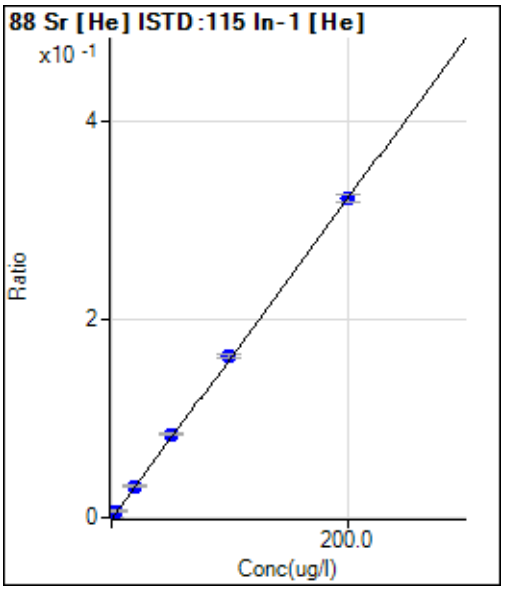
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.55 | 0.0000 | P | 124. | |
| 2 | ☐ | 2.500 | 2.550 | 253.34 | 0.0001 | P | 8.5 | 2.0 |
| 3 | ☐ | 12.500 | 12.589 | 1224.51 | 0.0006 | P | 3.0 | 0.7 |
| 4 | ☐ | 50.000 | 50.658 | 4853.13 | 0.0024 | P | 3.4 | 1.3 |
| 5 | ☐ | 100.000 | 97.241 | 9506.73 | 0.0046 | P | 2.7 | -2.8 |
| 6 | ☐ | 200.000 | 201.209 | 19402.89 | 0.0096 | P | 1.3 | 0.6 |

y = 4.7487E-005 * x + 2.6521E-006
R = 0.9998
DL = 0.2093 ug/l
BEC = 0.05585 ug/l

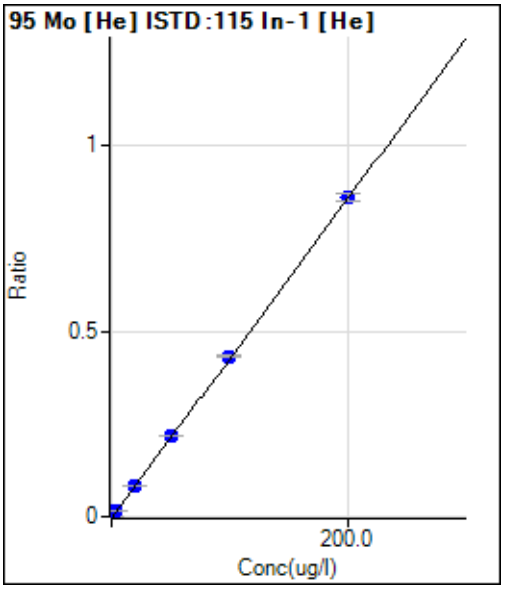
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.56 | 0.0002 | P | 49.7 | |
| 2 | ☐ | 4.000 | 4.023 | 523.35 | 0.0067 | P | 3.9 | 0.6 |
| 3 | ☐ | 20.000 | 19.633 | 2509.14 | 0.0320 | P | 3.1 | -1.8 |
| 4 | ☐ | 50.000 | 51.929 | 6541.64 | 0.0843 | P | 1.1 | 3.9 |
| 5 | ☐ | 100.000 | 100.919 | 12602.66 | 0.1636 | P | 2.1 | 0.9 |
| 6 | ☐ | 200.000 | 199.095 | 25100.24 | 0.3226 | P | 2.5 | -0.5 |

y = 0.0016 * x + 1.9568E-004
R = 0.9999
DL = 0.1802 ug/l
BEC = 0.1208 ug/l

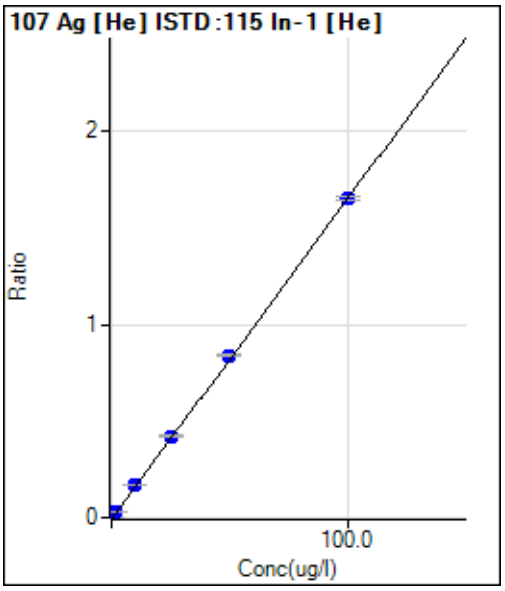
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18.89 | 0.0002 | P | 53.5 | |
| 2 | ☐ | 4.000 | 3.982 | 1358.97 | 0.0174 | P | 3.8 | -0.5 |
| 3 | ☐ | 20.000 | 19.389 | 6582.77 | 0.0839 | P | 2.4 | -3.1 |
| 4 | ☐ | 50.000 | 50.479 | 16925.26 | 0.2181 | P | 1.2 | 1.0 |
| 5 | ☐ | 100.000 | 100.326 | 33359.46 | 0.4332 | P | 1.9 | 0.3 |
| 6 | ☐ | 200.000 | 199.779 | 67098.06 | 0.8623 | P | 2.1 | -0.1 |

y = 0.0043 * x + 2.3692E-004
R = 1.0000
DL = 0.08808 ug/l
BEC = 0.0549 ug/l

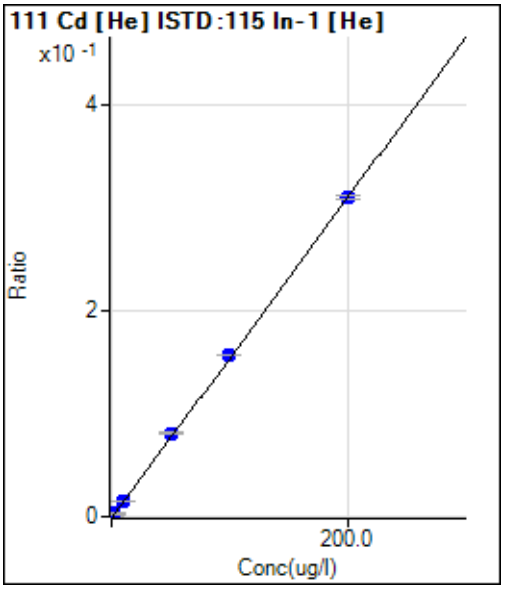
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.55 | 0.0002 | P | 101. | |
| 2 | ☐ | 2.000 | 1.945 | 2532.48 | 0.0325 | P | 4.1 | -2.7 |
| 3 | ☐ | 10.000 | 9.988 | 13016.46 | 0.1659 | P | 1.4 | -0.1 |
| 4 | ☐ | 25.000 | 25.480 | 32825.13 | 0.4229 | P | 1.5 | 1.9 |
| 5 | ☐ | 50.000 | 50.623 | 64704.16 | 0.8401 | P | 0.6 | 1.2 |
| 6 | ☐ | 100.000 | 99.571 | 128559.09 | 1.6522 | P | 1.6 | -0.4 |

y = 0.0166 * x + 1.9566E-004
R = 1.0000
DL = 0.03585 ug/l
BEC = 0.01179 ug/l

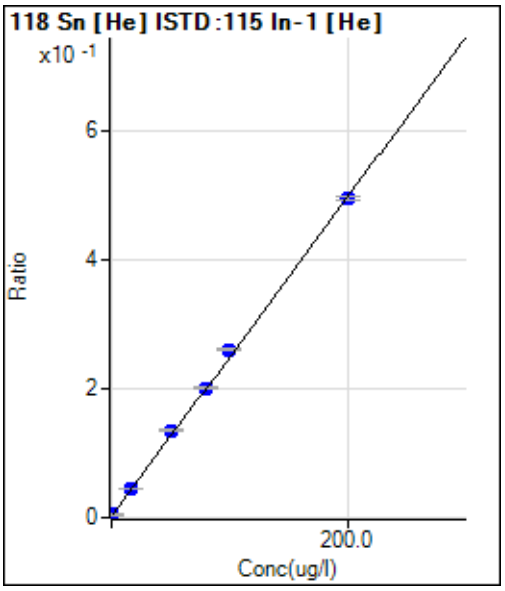
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.22 | 0.0000 | P | 173. | |
| 2 | ☐ | 2.000 | 1.862 | 228.89 | 0.0029 | P | 20.6 | -6.9 |
| 3 | ☐ | 10.000 | 9.311 | 1137.84 | 0.0145 | P | 6.6 | -6.9 |
| 4 | ☐ | 50.000 | 52.041 | 6282.64 | 0.0809 | P | 0.9 | 4.1 |
| 5 | ☐ | 100.000 | 100.823 | 12076.69 | 0.1568 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.114 | 24092.01 | 0.3096 | P | 1.2 | -0.4 |

y = 0.0016 * x + 2.8017E-005
R = 0.9999
DL = 0.09363 ug/l
BEC = 0.01802 ug/l

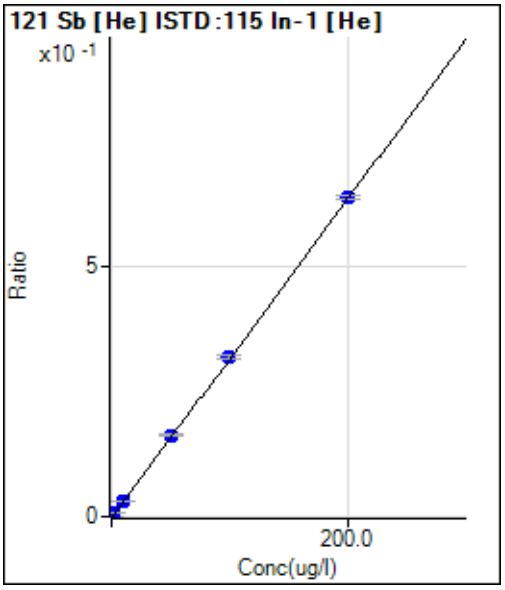
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 378.90 | 0.0048 | P | 15.9 | |
| 2 | ☐ | 16.000 | 16.210 | 3499.37 | 0.0449 | P | 5.0 | 1.3 |
| 3 | ☐ | 80.000 | 79.200 | 15750.62 | 0.2008 | P | 2.0 | -1.0 |
| 4 | ☐ | 50.000 | 52.606 | 10475.34 | 0.1350 | P | 1.3 | 5.2 |
| 5 | ☐ | 100.000 | 103.187 | 20037.50 | 0.2601 | P | 1.0 | 3.2 |
| 6 | ☐ | 200.000 | 198.058 | 38513.04 | 0.4949 | P | 1.2 | -1.0 |

y = 0.0025 * x + 0.0048
R = 0.9997
DL = 0.9165 ug/l
BEC = 1.923 ug/l

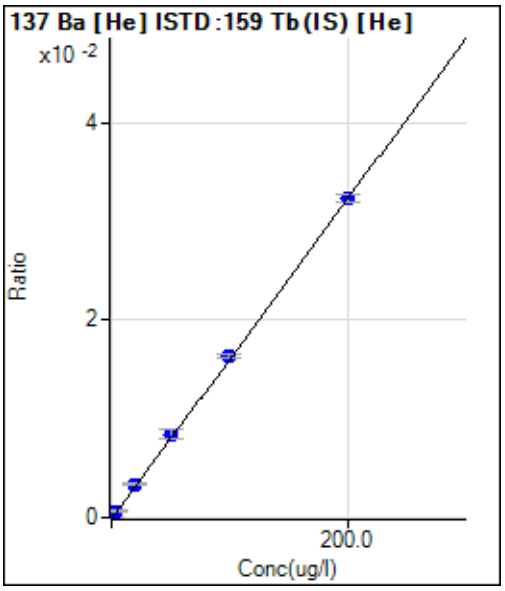
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0005 | P | 18.7 | |
| 2 | ☐ | 2.000 | 2.209 | 586.69 | 0.0075 | P | 9.4 | 10.4 |
| 3 | ☐ | 10.000 | 9.716 | 2469.13 | 0.0315 | P | 2.8 | -2.8 |
| 4 | ☐ | 50.000 | 50.655 | 12578.30 | 0.1621 | P | 2.9 | 1.3 |
| 5 | ☐ | 100.000 | 99.706 | 24535.17 | 0.3186 | P | 2.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.995 | 49685.88 | 0.6385 | P | 0.7 | 0.0 |

y = 0.0032 * x + 4.7476E-004
R = 1.0000
DL = 0.08369 ug/l
BEC = 0.1488 ug/l

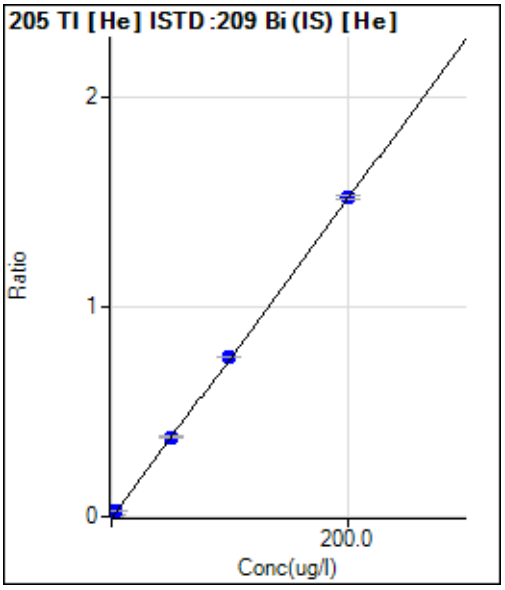
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 115. | |
| 2 | ☐ | 4.000 | 4.000 | 303.34 | 0.0007 | P | 8.4 | 0.0 |
| 3 | ☐ | 20.000 | 20.631 | 1514.54 | 0.0034 | P | 6.9 | 3.2 |
| 4 | ☐ | 50.000 | 52.002 | 3840.60 | 0.0085 | P | 10.0 | 4.0 |
| 5 | ☐ | 100.000 | 100.405 | 7339.89 | 0.0163 | P | 2.1 | 0.4 |
| 6 | ☐ | 200.000 | 199.234 | 14584.93 | 0.0323 | P | 1.8 | -0.4 |

y = 1.6225E-004 * x + 2.1710E-005
R = 0.9999
DL = 0.4641 ug/l
BEC = 0.1338 ug/l

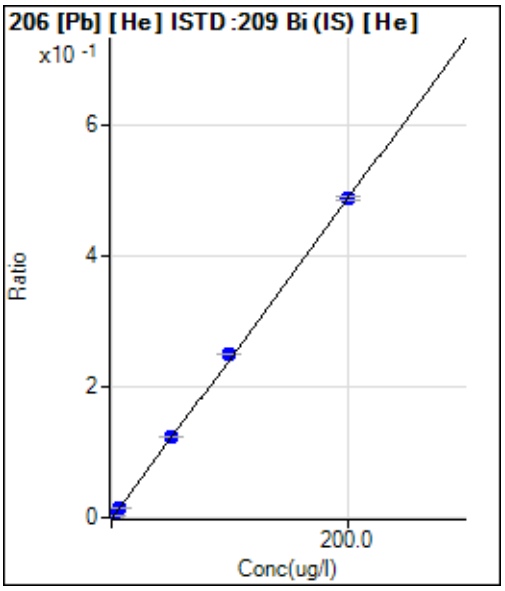
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 104.45 | 0.0003 | P | 16.8 | |
| 2 | ☐ | 0.800 | 0.818 | 2369.13 | 0.0065 | P | 2.3 | 2.2 |
| 3 | ☐ | 4.000 | 3.896 | 10979.37 | 0.0300 | P | 1.3 | -2.6 |
| 4 | ☐ | 50.000 | 49.589 | 136601.38 | 0.3781 | P | 1.9 | -0.8 |
| 5 | ☐ | 100.000 | 100.179 | 268672.23 | 0.7636 | P | 0.6 | 0.2 |
| 6 | ☐ | 200.000 | 200.015 | 533751.69 | 1.5244 | P | 0.6 | 0.0 |

y = 0.0076 * x + 2.8065E-004
R = 1.0000
DL = 0.01862 ug/l
BEC = 0.03683 ug/l

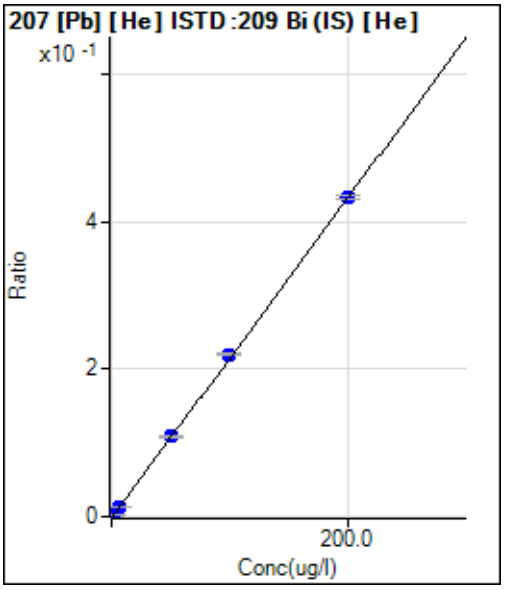
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 90.00 | 0.0002 | P | 25.1 | |
| 2 | ☐ | 1.200 | 1.197 | 1151.18 | 0.0032 | P | 7.3 | -0.3 |
| 3 | ☐ | 6.000 | 5.850 | 5326.73 | 0.0145 | P | 2.2 | -2.5 |
| 4 | ☐ | 50.000 | 50.012 | 44245.17 | 0.1225 | P | 0.7 | 0.0 |
| 5 | ☐ | 100.000 | 101.591 | 87446.59 | 0.2485 | P | 0.4 | 1.6 |
| 6 | ☐ | 200.000 | 199.206 | 170569.15 | 0.4871 | P | 1.6 | -0.4 |

y = 0.0024 * x + 2.4171E-004
R = 1.0000
DL = 0.07444 ug/l
BEC = 0.09889 ug/l

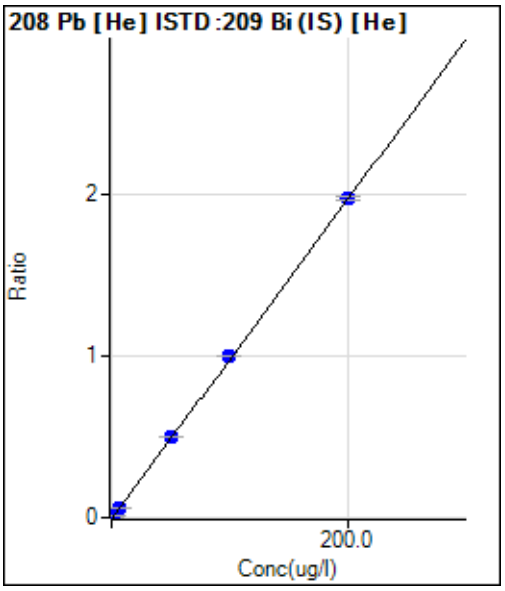
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 83.33 | 0.0002 | P | 10.2 | |
| 2 | ☐ | 1.200 | 1.078 | 933.37 | 0.0026 | P | 4.7 | -10.1 |
| 3 | ☐ | 6.000 | 5.868 | 4753.16 | 0.0130 | P | 0.4 | -2.2 |
| 4 | ☐ | 50.000 | 49.899 | 39248.35 | 0.1086 | P | 1.7 | -0.2 |
| 5 | ☐ | 100.000 | 101.303 | 77520.55 | 0.2203 | P | 1.5 | 1.3 |
| 6 | ☐ | 200.000 | 199.378 | 151767.95 | 0.4334 | P | 0.9 | -0.3 |

y = 0.0022 * x + 2.2403E-004
R = 1.0000
DL = 0.03143 ug/l
BEC = 0.1031 ug/l

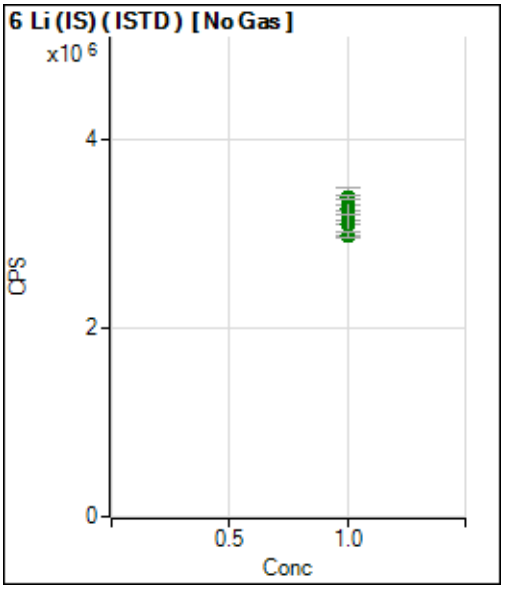
Weight: <None>
Min Conc: <None>



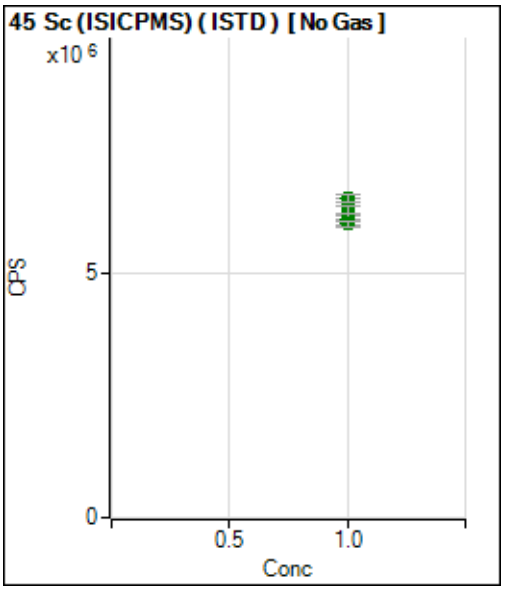

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 372.23 | 0.0010 | P | 3.5 | |
| 2 | ☐ | 1.200 | 1.126 | 4421.46 | 0.0122 | P | 6.4 | -6.1 |
| 3 | ☐ | 6.000 | 5.723 | 21142.65 | 0.0577 | P | 1.8 | -4.6 |
| 4 | ☐ | 50.000 | 50.101 | 179720.65 | 0.4975 | P | 0.3 | 0.2 |
| 5 | ☐ | 100.000 | 100.788 | 351771.52 | 0.9998 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.589 | 692924.56 | 1.9789 | P | 0.7 | -0.2 |

y = 0.0099 * x + 0.0010
R = 1.0000
DL = 0.01048 ug/l
BEC = 0.101 ug/l

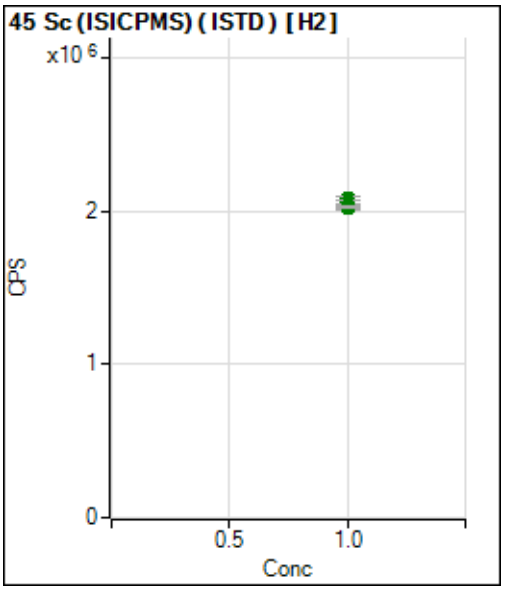
Weight: <None>
Min Conc: <None>



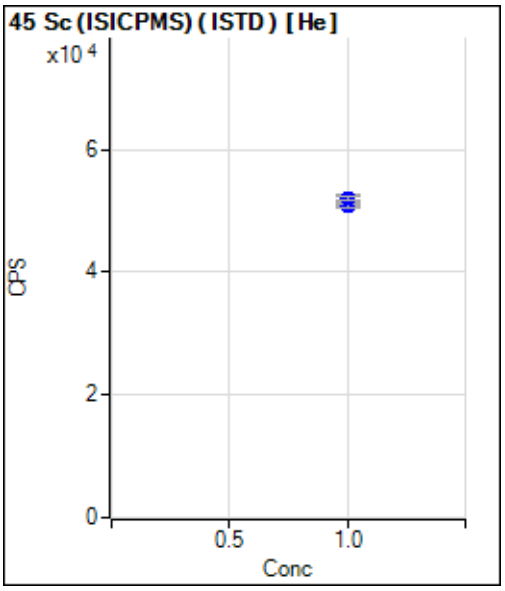

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3213374.85 | | A | 6.3 | |
| 2 | ☐ | 1.000 | | 3364173.36 | | A | 7.3 | |
| 3 | ☐ | 1.000 | | 3261306.62 | | A | 6.6 | |
| 4 | ☐ | 1.000 | | 3102661.90 | | A | 7.2 | |
| 5 | ☐ | 1.000 | | 3394078.39 | | A | 1.8 | |
| 6 | ☐ | 1.000 | | 2989461.27 | | A | 2.2 | |



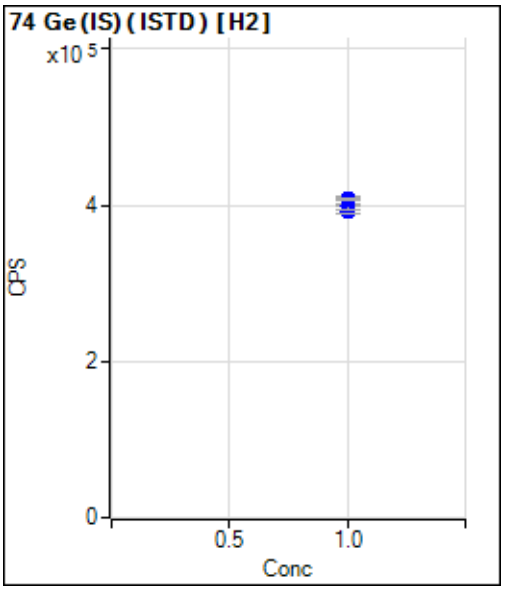

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6228187.82 | | A | 5.2 | |
| 2 | ☐ | 1.000 | | 6358742.13 | | A | 5.3 | |
| 3 | ☐ | 1.000 | | 6224591.78 | | A | 4.6 | |
| 4 | ☐ | 1.000 | | 6110359.70 | | A | 3.7 | |
| 5 | ☐ | 1.000 | | 6533598.03 | | A | 2.4 | |
| 6 | ☐ | 1.000 | | 6006922.90 | | A | 1.5 | |



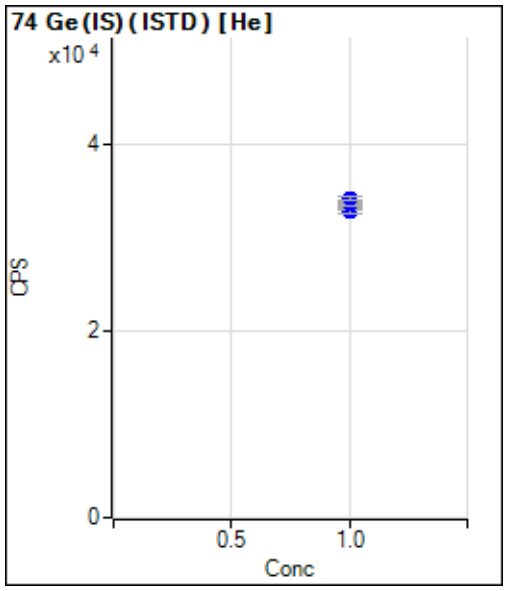

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2084718.11 | | A | 0.8 | |
| 2 | ☐ | 1.000 | | 2049155.21 | | A | 1.7 | |
| 3 | ☐ | 1.000 | | 2039473.67 | | A | 1.3 | |
| 4 | ☐ | 1.000 | | 2015693.77 | | A | 1.2 | |
| 5 | ☐ | 1.000 | | 2058305.84 | | A | 1.9 | |
| 6 | ☐ | 1.000 | | 2030116.55 | | A | 0.3 | |



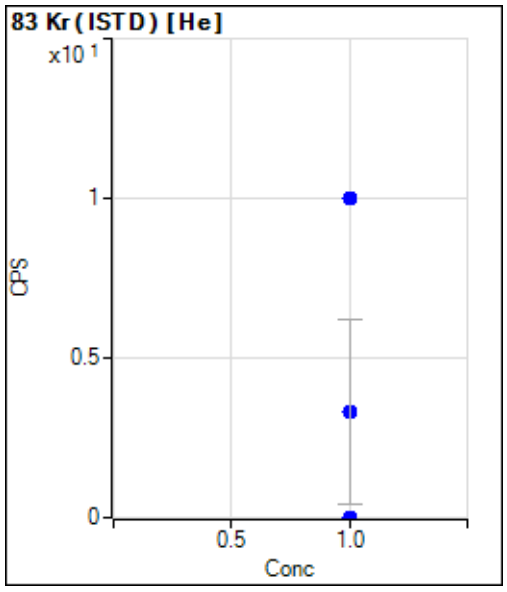

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 51917.58 | | P | 2.6 | |
| 2 | ☐ | 1.000 | | 51308.73 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 51344.35 | | P | 1.4 | |
| 4 | ☐ | 1.000 | | 50771.21 | | P | 1.0 | |
| 5 | ☐ | 1.000 | | 51937.63 | | P | 1.7 | |
| 6 | ☐ | 1.000 | | 52075.97 | | P | 1.6 | |



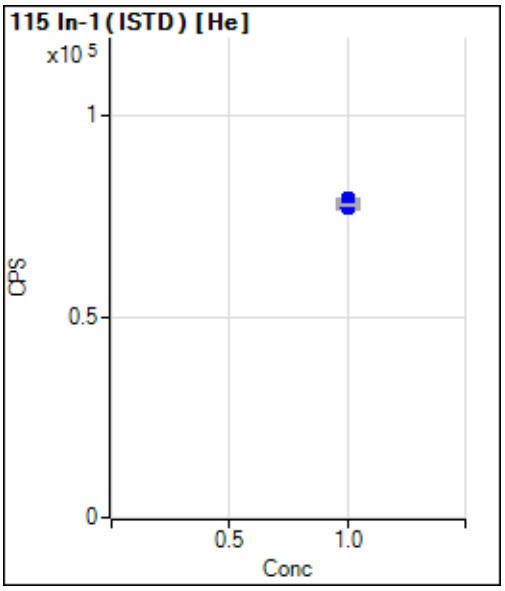

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 399534.93 | | P | 0.3 | |
| 2 | ☐ | 1.000 | | 391728.12 | | P | 1.3 | |
| 3 | ☐ | 1.000 | | 391694.94 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 398308.38 | | P | 1.6 | |
| 5 | ☐ | 1.000 | | 408960.16 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 407641.06 | | P | 0.3 | |



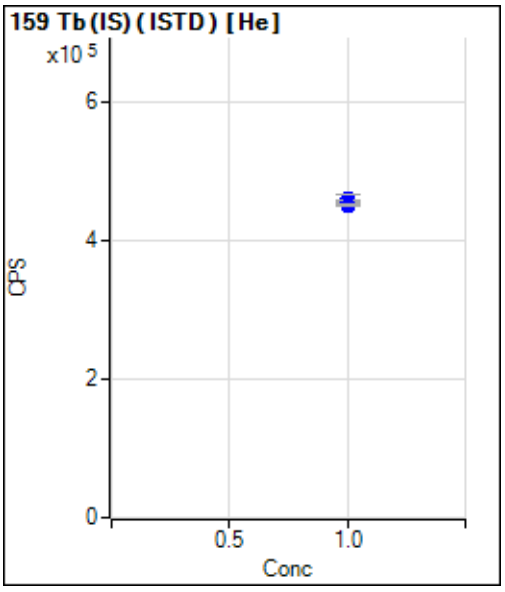

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 32921.14 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 32996.88 | | P | 1.8 | |
| 3 | ☐ | 1.000 | | 32937.79 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 33668.51 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 33610.65 | | P | 0.5 | |
| 6 | ☐ | 1.000 | | 34312.35 | | P | 1.6 | |



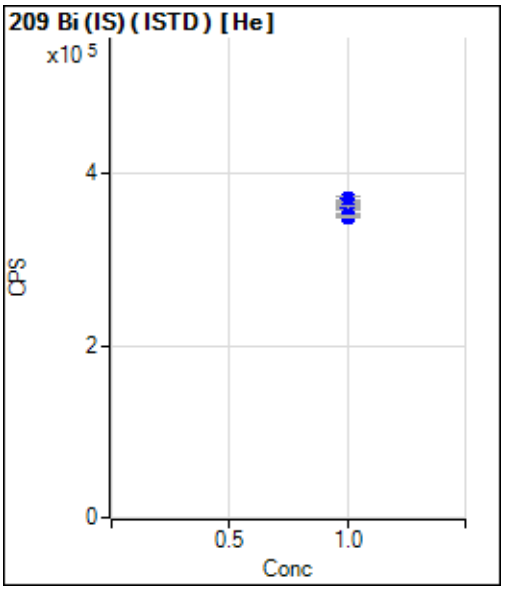

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 3 | ☐ | 1.000 | | 10.01 | | P | NaN | |
| 4 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 5 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 6 | ☐ | 1.000 | | 0.00 | | P | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 79611.86 | | P | 0.4 | |
| 2 | ☐ | 1.000 | | 78040.07 | | P | 2.5 | |
| 3 | ☐ | 1.000 | | 78458.58 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 77621.10 | | P | 1.3 | |
| 5 | ☐ | 1.000 | | 77024.45 | | P | 1.2 | |
| 6 | ☐ | 1.000 | | 77816.77 | | P | 0.6 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 461090.37 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 452210.99 | | P | 0.6 | |
| 3 | ☐ | 1.000 | | 449496.03 | | P | 0.2 | |
| 4 | ☐ | 1.000 | | 454608.64 | | P | 2.1 | |
| 5 | ☐ | 1.000 | | 449956.23 | | P | 0.1 | |
| 6 | ☐ | 1.000 | | 450903.08 | | P | 0.7 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 371868.27 | | P | 0.8 | |
| 2 | ☐ | 1.000 | | 363764.45 | | P | 1.5 | |
| 3 | ☐ | 1.000 | | 366354.11 | | P | 0.4 | |
| 4 | ☐ | 1.000 | | 361256.81 | | P | 1.1 | |
| 5 | ☐ | 1.000 | | 351841.60 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 350147.77 | | P | 0.3 | |

# Sample Report

**File Name** 026SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 10:50:00

**Sample Name** **MB 460-1020253/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.006 | ug/l | 92.0 | 2000 | |
| B | 11 | 6 | No Gas | 0.003 | ug/l | 2981.9 | 2000 | |
| Na | 23 | 45 | He | 5.722 | ug/l | 77.3 | 500000 | |
| Mg | 24 | 45 | He | 0.906 | ug/l | 41.5 | 500000 | |
| Al | 27 | 45 | He | -4.108 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 9.078 | ug/l | 132.2 | 500000 | |
| Ca | 40 | 45 | H2 | 1.658 | ug/l | 80.7 | 1000000 | |
| Ti | 47 | 45 | He | -0.450 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.071 | ug/l | 59.9 | 5000 | |
| Cr | 52 | 45 | He | -0.215 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.109 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.559 | ug/l | 53.7 | 500000 | |
| Co | 59 | 45 | He | 0.004 | ug/l | 143.2 | 2000 | |
| Ni | 60 | 45 | He | 0.261 | ug/l | 66.7 | 20000 | |
| Cu | 63 | 45 | He | 0.045 | ug/l | 65.2 | 20000 | |
| Zn | 66 | 45 | He | -6.059 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.075 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.112 | ug/l | 111.7 | 3000 | |
| Sr | 88 | 115 | He | -0.037 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.033 | ug/l | 76.4 | 2000 | |
| Ag | 107 | 115 | He | -0.001 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.076 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.049 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.024 | ug/l | 410.0 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.073 | ug/l | 48.5 | | |
| [Pb] | 207 | 209 | He | 0.021 | ug/l | 94.9 | | |
| Pb | 208 | 209 | He | 0.043 | ug/l | 37.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3531012.07 | 2.3 | 109.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5988043.94 | 2.7 | 96.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1811784.04 | 1.5 | 86.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46711.36 | 1.1 | 90.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 350041.38 | 0.7 | 87.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 29827.37 | 1.1 | 90.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73656.05 | 0.7 | 92.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 434403.01 | 0.6 | 94.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 354215.68 | 0.5 | 95.3 | 70 | 140 | |

# Sample Report

**File Name** 027SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 10:52:33

**Sample Name** **LCSSRM 460-1020253/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 475.863 | ug/l | 1.1 | 2000 | |
| B | 11 | 6 | No Gas | 422.473 | ug/l | 3.6 | 2000 | |
| Na | 23 | 45 | He | 1257.408 | ug/l | 1.5 | 500000 | |
| Mg | 24 | 45 | He | 5250.653 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 14927.560 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 5707.084 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 16073.076 | ug/l | 2.4 | 1000000 | |
| Ti | 47 | 45 | He | 392.163 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 515.605 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 666.417 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 751.170 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 17433.692 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 426.589 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 925.359 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 626.194 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 724.796 | ug/l | 1.1 | 20000 | |
| As | 75 | 45 | He | 737.043 | ug/l | 1.8 | 5000 | |
| Se | 78 | 45 | H2 | 855.245 | ug/l | 1.2 | 3000 | |
| Sr | 88 | 115 | He | 285.519 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 282.376 | ug/l | 1.3 | 2000 | |
| Ag | 107 | 115 | He | 230.723 | ug/l | 1.6 | 1000 | |
| Cd | 111 | 115 | He | 262.579 | ug/l | 0.3 | 5000 | |
| Sn | 118 | 115 | He | 267.070 | ug/l | 0.2 | 2000 | |
| Sb | 121 | 115 | He | 273.780 | ug/l | 1.4 | 1000 | |
| Ba | 137 | 159 | He | 944.176 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | 348.930 | ug/l | 1.2 | 1000 | |
| [Pb] | 206 | 209 | He | 582.025 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 556.403 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 596.725 | ug/l | 2.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3566971.19 | 2.7 | 111.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6051069.84 | 1.9 | 97.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1787016.07 | 1.4 | 85.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46396.80 | 1.4 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368910.16 | 0.2 | 92.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31472.11 | 0.1 | 95.6 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70943.00 | 1.1 | 89.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 429284.04 | 1.0 | 93.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 352546.66 | 1.2 | 94.8 | 70 | 140 | |

# Sample Report

**File Name** 028SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 10:55:05

**Sample Name** **PDS 460-319499-A-6-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 25.980 | ug/l | 2.2 | 2000 | |
| B | 11 | 6 | No Gas | 419.207 | ug/l | 3.4 | 2000 | |
| Na | 23 | 45 | He | 2626.893 | ug/l | 2.6 | 500000 | |
| Mg | 24 | 45 | He | 4087.547 | ug/l | 1.7 | 500000 | |
| Al | 27 | 45 | He | 8208.853 | ug/l | 3.1 | 500000 | |
| K | 39 | 45 | He | 3110.812 | ug/l | 2.5 | 500000 | |
| Ca | 40 | 45 | H2 | 2801.386 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 130.157 | ug/l | 3.4 | 10000 | |
| V | 51 | 45 | He | 61.475 | ug/l | 0.5 | 5000 | |
| Cr | 52 | 45 | He | 60.656 | ug/l | 3.5 | 20000 | |
| Mn | 55 | 45 | He | 321.694 | ug/l | 2.3 | 20000 | |
| Fe | 56 | 45 | H2 | 13847.254 | ug/l | 0.5 | 500000 | |
| Co | 59 | 45 | He | 29.154 | ug/l | 3.1 | 2000 | |
| Ni | 60 | 45 | He | 57.466 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 55.707 | ug/l | 3.0 | 20000 | |
| Zn | 66 | 45 | He | 270.844 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | 53.581 | ug/l | 3.7 | 5000 | |
| Se | 78 | 45 | H2 | 51.521 | ug/l | 2.1 | 3000 | |
| Sr | 88 | 115 | He | 52.417 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 48.562 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 24.922 | ug/l | 0.3 | 1000 | |
| Cd | 111 | 115 | He | 22.821 | ug/l | 1.9 | 5000 | |
| Sn | 118 | 115 | He | 51.905 | ug/l | 2.0 | 2000 | |
| Sb | 121 | 115 | He | 23.301 | ug/l | 1.4 | 1000 | |
| Ba | 137 | 159 | He | 77.513 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 19.527 | ug/l | 1.3 | 1000 | |
| [Pb] | 206 | 209 | He | 28.688 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 27.530 | ug/l | 2.2 | | |
| Pb | 208 | 209 | He | 28.154 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3579710.22 | 1.6 | 111.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5979768.66 | 1.5 | 96.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1814873.57 | 2.3 | 87.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46583.01 | 1.9 | 89.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359313.51 | 1.1 | 89.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31013.31 | 1.5 | 94.2 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 91.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71073.45 | 0.9 | 89.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 428888.55 | 0.2 | 93.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 350795.14 | 0.5 | 94.3 | 70 | 140 | |

# Sample Report

**File Name** 029SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 10:57:37

**Sample Name** **460-319499-A-6-C MS@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 9.892 | ug/l | 2.7 | 2000 | |
| B | 11 | 6 | No Gas | 166.323 | ug/l | 4.9 | 2000 | |
| Na | 23 | 45 | He | 986.671 | ug/l | 4.4 | 500000 | |
| Mg | 24 | 45 | He | 2775.423 | ug/l | 3.5 | 500000 | |
| Al | 27 | 45 | He | 8180.446 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 1662.536 | ug/l | 3.3 | 500000 | |
| Ca | 40 | 45 | H2 | 1297.677 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 113.676 | ug/l | 4.2 | 10000 | |
| V | 51 | 45 | He | 32.258 | ug/l | 2.5 | 5000 | |
| Cr | 52 | 45 | He | 32.249 | ug/l | 3.4 | 20000 | |
| Mn | 55 | 45 | He | 206.262 | ug/l | 2.6 | 20000 | |
| Fe | 56 | 45 | H2 | 13196.311 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 14.606 | ug/l | 2.0 | 2000 | |
| Ni | 60 | 45 | He | 28.053 | ug/l | 4.8 | 20000 | |
| Cu | 63 | 45 | He | 24.660 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 110.814 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | 21.402 | ug/l | 7.8 | 5000 | |
| Se | 78 | 45 | H2 | 17.609 | ug/l | 6.3 | 3000 | |
| Sr | 88 | 115 | He | 21.737 | ug/l | 4.8 | 5000 | |
| Mo | 95 | 115 | He | 17.866 | ug/l | 3.2 | 2000 | |
| Ag | 107 | 115 | He | 9.218 | ug/l | 2.0 | 1000 | |
| Cd | 111 | 115 | He | 8.245 | ug/l | 1.2 | 5000 | |
| Sn | 118 | 115 | He | 19.275 | ug/l | 3.4 | 2000 | |
| Sb | 121 | 115 | He | 5.373 | ug/l | 2.4 | 1000 | |
| Ba | 137 | 159 | He | 46.958 | ug/l | 3.6 | 20000 | |
| Tl | 205 | 209 | He | 6.980 | ug/l | 3.3 | 1000 | |
| [Pb] | 206 | 209 | He | 13.722 | ug/l | 4.7 | | |
| [Pb] | 207 | 209 | He | 13.259 | ug/l | 2.2 | | |
| Pb | 208 | 209 | He | 13.404 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3389645.40 | 4.6 | 105.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5841322.27 | 2.4 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1789257.65 | 1.4 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45840.56 | 1.7 | 88.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 363013.30 | 0.3 | 90.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30921.99 | 1.8 | 93.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70833.94 | 0.2 | 89.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 427583.17 | 1.9 | 92.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 351801.16 | 0.8 | 94.6 | 70 | 140 | |

# Sample Report

**File Name** 030SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:00:09

**Sample Name** **460-319499-A-6-B DU@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.385 | ug/l | 6.3 | 2000 | |
| B | 11 | 6 | No Gas | 6.820 | ug/l | 13.0 | 2000 | |
| Na | 23 | 45 | He | 44.986 | ug/l | 23.5 | 500000 | |
| Mg | 24 | 45 | He | 1632.843 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 5790.218 | ug/l | 4.4 | 500000 | |
| K | 39 | 45 | He | 682.057 | ug/l | 4.3 | 500000 | |
| Ca | 40 | 45 | H2 | 373.204 | ug/l | 2.9 | 1000000 | |
| Ti | 47 | 45 | He | 85.741 | ug/l | 10.2 | 10000 | |
| V | 51 | 45 | He | 12.013 | ug/l | 3.3 | 5000 | |
| Cr | 52 | 45 | He | 12.469 | ug/l | 4.2 | 20000 | |
| Mn | 55 | 45 | He | 128.961 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 11344.067 | ug/l | 2.3 | 500000 | |
| Co | 59 | 45 | He | 4.835 | ug/l | 3.3 | 2000 | |
| Ni | 60 | 45 | He | 9.012 | ug/l | 7.2 | 20000 | |
| Cu | 63 | 45 | He | 5.897 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | 16.783 | ug/l | 12.7 | 20000 | |
| As | 75 | 45 | He | 4.328 | ug/l | 18.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.368 | ug/l | 39.8 | 3000 | |
| Sr | 88 | 115 | He | 3.057 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 0.480 | ug/l | 5.1 | 2000 | |
| Ag | 107 | 115 | He | 0.030 | ug/l | 6.9 | 1000 | |
| Cd | 111 | 115 | He | 0.073 | ug/l | 74.1 | 5000 | |
| Sn | 118 | 115 | He | 2.465 | ug/l | 5.9 | 2000 | |
| Sb | 121 | 115 | He | 0.234 | ug/l | 33.2 | 1000 | |
| Ba | 137 | 159 | He | 28.617 | ug/l | 5.2 | 20000 | |
| Tl | 205 | 209 | He | 0.042 | ug/l | 26.7 | 1000 | |
| [Pb] | 206 | 209 | He | 3.993 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | 3.849 | ug/l | 2.1 | | |
| Pb | 208 | 209 | He | 3.945 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3347107.59 | 7.8 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5813888.04 | 4.1 | 93.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1772512.16 | 2.5 | 85.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45120.35 | 1.1 | 86.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356866.50 | 0.5 | 89.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30483.17 | 0.3 | 92.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70823.88 | 1.6 | 89.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 428719.71 | 1.4 | 93.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 351468.24 | 0.7 | 94.5 | 70 | 140 | |

# Sample Report

**File Name** 031SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:02:42

**Sample Name** **460-319499-A-6-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.411 | ug/l | 19.1 | 2000 | |
| B | 11 | 6 | No Gas | 5.915 | ug/l | 1.9 | 2000 | |
| Na | 23 | 45 | He | 46.441 | ug/l | 2.3 | 500000 | |
| Mg | 24 | 45 | He | 1589.026 | ug/l | 2.6 | 500000 | |
| Al | 27 | 45 | He | 5698.237 | ug/l | 1.5 | 500000 | |
| K | 39 | 45 | He | 661.892 | ug/l | 4.8 | 500000 | |
| Ca | 40 | 45 | H2 | 370.330 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 81.876 | ug/l | 5.2 | 10000 | |
| V | 51 | 45 | He | 12.079 | ug/l | 3.8 | 5000 | |
| Cr | 52 | 45 | He | 12.628 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 78.548 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 11531.793 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 4.418 | ug/l | 5.6 | 2000 | |
| Ni | 60 | 45 | He | 7.933 | ug/l | 5.8 | 20000 | |
| Cu | 63 | 45 | He | 5.701 | ug/l | 5.0 | 20000 | |
| Zn | 66 | 45 | He | 20.864 | ug/l | 10.1 | 20000 | |
| As | 75 | 45 | He | 4.172 | ug/l | 8.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.362 | ug/l | 11.8 | 3000 | |
| Sr | 88 | 115 | He | 2.884 | ug/l | 13.0 | 5000 | |
| Mo | 95 | 115 | He | 0.479 | ug/l | 7.0 | 2000 | |
| Ag | 107 | 115 | He | 0.026 | ug/l | 21.5 | 1000 | |
| Cd | 111 | 115 | He | 0.033 | ug/l | 107.8 | 5000 | |
| Sn | 118 | 115 | He | 2.244 | ug/l | 20.4 | 2000 | |
| Sb | 121 | 115 | He | 0.213 | ug/l | 41.0 | 1000 | |
| Ba | 137 | 159 | He | 25.835 | ug/l | 2.5 | 20000 | |
| Tl | 205 | 209 | He | 0.023 | ug/l | 14.2 | 1000 | |
| [Pb] | 206 | 209 | He | 4.202 | ug/l | 4.5 | | |
| [Pb] | 207 | 209 | He | 3.701 | ug/l | 3.7 | | |
| Pb | 208 | 209 | He | 3.936 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3181766.14 | 0.9 | 99.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5684240.19 | 0.8 | 91.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1792125.98 | 1.4 | 86.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45383.41 | 1.5 | 87.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356510.34 | 1.5 | 89.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30366.32 | 0.6 | 92.2 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70493.74 | 1.5 | 88.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 427738.94 | 0.9 | 92.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 347573.68 | 1.7 | 93.5 | 70 | 140 | |

# Sample Report

**File Name** 032SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:05:16

**Sample Name** **SD 460-319499-A-6-A@25**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.076 | ug/l | 20.1 | 2000 | |
| B | 11 | 6 | No Gas | 1.679 | ug/l | 11.8 | 2000 | |
| Na | 23 | 45 | He | 16.928 | ug/l | 12.3 | 500000 | |
| Mg | 24 | 45 | He | 318.242 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 1135.911 | ug/l | 2.7 | 500000 | |
| K | 39 | 45 | He | 134.637 | ug/l | 12.0 | 500000 | |
| Ca | 40 | 45 | H2 | 76.101 | ug/l | 2.2 | 1000000 | |
| Ti | 47 | 45 | He | 16.045 | ug/l | 7.7 | 10000 | |
| V | 51 | 45 | He | 2.349 | ug/l | 7.4 | 5000 | |
| Cr | 52 | 45 | He | 2.524 | ug/l | 14.1 | 20000 | |
| Mn | 55 | 45 | He | 15.648 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | 2334.842 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 0.841 | ug/l | 0.4 | 2000 | |
| Ni | 60 | 45 | He | 1.563 | ug/l | 6.5 | 20000 | |
| Cu | 63 | 45 | He | 1.209 | ug/l | 8.3 | 20000 | |
| Zn | 66 | 45 | He | -0.999 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.714 | ug/l | 32.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.183 | ug/l | 39.3 | 3000 | |
| Sr | 88 | 115 | He | 0.544 | ug/l | 11.1 | 5000 | |
| Mo | 95 | 115 | He | 0.159 | ug/l | 23.0 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 640.2 | 1000 | |
| Cd | 111 | 115 | He | 0.032 | ug/l | 110.3 | 5000 | |
| Sn | 118 | 115 | He | 0.518 | ug/l | 44.5 | 2000 | |
| Sb | 121 | 115 | He | 0.037 | ug/l | 55.4 | 1000 | |
| Ba | 137 | 159 | He | 5.386 | ug/l | 6.3 | 20000 | |
| Tl | 205 | 209 | He | -0.017 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.820 | ug/l | 5.4 | | |
| [Pb] | 207 | 209 | He | 0.714 | ug/l | 3.2 | | |
| Pb | 208 | 209 | He | 0.812 | ug/l | 1.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3503364.78 | 1.2 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5965775.19 | 0.4 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1769275.17 | 1.6 | 84.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45758.06 | 0.6 | 88.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 345199.51 | 1.1 | 86.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 29538.86 | 0.6 | 89.7 | 70 | 140 | |
| Kr | 83 | He | 10.01 | NaN | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71306.33 | 1.5 | 89.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 430572.49 | 0.6 | 93.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 349945.12 | 0.7 | 94.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 033_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:07:48

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 110.294 | ug/l | 1.7 | 100 | 90 | 110 | failed |
| B | 11 | 6 | No Gas | 229.834 | ug/l | 3.2 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26718.328 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26573.743 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25915.041 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25273.734 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24615.635 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 102.100 | ug/l | 4.3 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.264 | ug/l | 1.8 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 103.493 | ug/l | 0.7 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 102.061 | ug/l | 0.3 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25035.743 | ug/l | 0.2 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 102.226 | ug/l | 1.7 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 103.456 | ug/l | 1.6 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 104.682 | ug/l | 1.8 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 256.488 | ug/l | 0.2 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.788 | ug/l | 4.3 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 101.383 | ug/l | 0.8 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.703 | ug/l | 2.3 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 99.880 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.090 | ug/l | 1.0 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.760 | ug/l | 0.9 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 102.162 | ug/l | 1.4 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.927 | ug/l | 1.6 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.527 | ug/l | 1.7 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.906 | ug/l | 0.3 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.921 | ug/l | 0.4 | | | | |
| [Pb] | 207 | 209 | He | 99.575 | ug/l | 1.7 | | | | |
| Pb | 208 | 209 | He | 99.710 | ug/l | 0.4 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3396365.64 | 3.7 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5725999.71 | 2.1 | 91.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1789655.83 | 1.8 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44781.50 | 1.1 | 86.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358284.52 | 1.1 | 89.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30336.21 | 0.8 | 92.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 69970.32 | 0.1 | 87.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 426151.70 | 0.6 | 92.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 340497.31 | 0.4 | 91.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 034_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:10:21

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.013 | ug/l | 61.0 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.141 | ug/l | 13.3 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 8.044 | ug/l | 119.8 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.440 | ug/l | 80.9 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 0.289 | ug/l | 940.9 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 7.065 | ug/l | 271.6 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | -0.818 | ug/l | N/A | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.249 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.012 | ug/l | 475.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.138 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.046 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 1.459 | ug/l | 29.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.075 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.095 | ug/l | 64.3 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -5.388 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.017 | ug/l | 831.1 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.319 | ug/l | 8.6 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.015 | ug/l | 124.3 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.185 | ug/l | 27.0 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 99.5 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.002 | ug/l | 809.3 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.013 | ug/l | 2895.3 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.141 | ug/l | 53.1 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.091 | ug/l | 113.3 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.016 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.040 | ug/l | 85.8 | | | | |
| [Pb] | 207 | 209 | He | 0.038 | ug/l | 23.7 | | | | |
| Pb | 208 | 209 | He | 0.044 | ug/l | 29.6 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3222906.96 | 2.2 | 100.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5614147.62 | 1.7 | 90.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1810176.59 | 1.5 | 86.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46133.70 | 2.3 | 88.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 348611.24 | 1.2 | 87.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 29546.67 | 1.2 | 89.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 70862.20 | 1.7 | 89.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 428618.18 | 1.2 | 93.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 350348.59 | 1.4 | 94.2 | 70 | 140 | |

# Sample Report

**File Name** 035SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:12:55

**Sample Name** **460-319499-A-1-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.317 | ug/l | 2.4 | 2000 | |
| B | 11 | 6 | No Gas | 4.559 | ug/l | 1.5 | 2000 | |
| Na | 23 | 45 | He | 452.976 | ug/l | 3.1 | 500000 | |
| Mg | 24 | 45 | He | 596.617 | ug/l | 3.8 | 500000 | |
| Al | 27 | 45 | He | 13445.013 | ug/l | 0.9 | 500000 | |
| K | 39 | 45 | He | 743.863 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 6823.147 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 412.787 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 54.665 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 71.563 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 105.475 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 57282.796 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 20.106 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 36.508 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 262.762 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 2169.663 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 4.773 | ug/l | 3.1 | 5000 | |
| Se | 78 | 45 | H2 | 2.364 | ug/l | 13.9 | 3000 | |
| Sr | 88 | 115 | He | 234.937 | ug/l | 2.5 | 5000 | |
| Mo | 95 | 115 | He | 3.333 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 0.477 | ug/l | 6.3 | 1000 | |
| Cd | 111 | 115 | He | 0.797 | ug/l | 20.1 | 5000 | |
| Sn | 118 | 115 | He | 19.007 | ug/l | 2.6 | 2000 | |
| Sb | 121 | 115 | He | 0.581 | ug/l | 13.6 | 1000 | |
| Ba | 137 | 159 | He | 7784.655 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | 0.141 | ug/l | 4.9 | 1000 | |
| [Pb] | 206 | 209 | He | 173.802 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 166.714 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 170.103 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3275725.64 | 2.5 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5743029.08 | 1.6 | 92.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1778440.58 | 1.3 | 85.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46080.26 | 0.5 | 88.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 362508.63 | 0.4 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 31325.16 | 1.9 | 95.2 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70224.00 | 0.9 | 88.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 425252.03 | 1.1 | 92.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 346202.47 | 1.2 | 93.1 | 70 | 140 | |

# Sample Report

**File Name** 036SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:15:29

**Sample Name** **460-319499-A-2-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.432 | ug/l | 11.6 | 2000 | |
| B | 11 | 6 | No Gas | 4.153 | ug/l | 11.6 | 2000 | |
| Na | 23 | 45 | He | 37.408 | ug/l | 34.7 | 500000 | |
| Mg | 24 | 45 | He | 1431.448 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 6695.439 | ug/l | 2.4 | 500000 | |
| K | 39 | 45 | He | 711.378 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 681.734 | ug/l | 3.0 | 1000000 | |
| Ti | 47 | 45 | He | 96.487 | ug/l | 6.4 | 10000 | |
| V | 51 | 45 | He | 15.290 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 14.420 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 72.436 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 11709.529 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 4.235 | ug/l | 1.9 | 2000 | |
| Ni | 60 | 45 | He | 7.293 | ug/l | 5.1 | 20000 | |
| Cu | 63 | 45 | He | 5.111 | ug/l | 3.0 | 20000 | |
| Zn | 66 | 45 | He | 23.966 | ug/l | 3.0 | 20000 | |
| As | 75 | 45 | He | 4.346 | ug/l | 31.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.320 | ug/l | 47.2 | 3000 | |
| Sr | 88 | 115 | He | 6.214 | ug/l | 4.6 | 5000 | |
| Mo | 95 | 115 | He | 0.541 | ug/l | 17.2 | 2000 | |
| Ag | 107 | 115 | He | 0.025 | ug/l | 11.1 | 1000 | |
| Cd | 111 | 115 | He | 0.053 | ug/l | 88.1 | 5000 | |
| Sn | 118 | 115 | He | 2.170 | ug/l | 10.1 | 2000 | |
| Sb | 121 | 115 | He | 0.125 | ug/l | 56.8 | 1000 | |
| Ba | 137 | 159 | He | 57.099 | ug/l | 3.0 | 20000 | |
| Tl | 205 | 209 | He | 0.036 | ug/l | 28.3 | 1000 | |
| [Pb] | 206 | 209 | He | 12.589 | ug/l | 2.3 | | |
| [Pb] | 207 | 209 | He | 12.069 | ug/l | 2.4 | | |
| Pb | 208 | 209 | He | 12.161 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3255346.83 | 5.5 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5750036.93 | 4.8 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1795716.93 | 2.0 | 86.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45686.74 | 1.4 | 88.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357171.05 | 0.5 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30337.32 | 1.1 | 92.2 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70010.39 | 1.7 | 87.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 427142.28 | 0.7 | 92.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 348952.12 | 0.7 | 93.8 | 70 | 140 | |

# Sample Report

**File Name** 037SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:18:01

**Sample Name** **460-319499-A-3-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.620 | ug/l | 8.5 | 2000 | |
| B | 11 | 6 | No Gas | 3.393 | ug/l | 9.5 | 2000 | |
| Na | 23 | 45 | He | 57.734 | ug/l | 18.5 | 500000 | |
| Mg | 24 | 45 | He | 1427.699 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 6855.570 | ug/l | 2.6 | 500000 | |
| K | 39 | 45 | He | 550.150 | ug/l | 3.5 | 500000 | |
| Ca | 40 | 45 | H2 | 1277.490 | ug/l | 2.3 | 1000000 | |
| Ti | 47 | 45 | He | 84.906 | ug/l | 6.8 | 10000 | |
| V | 51 | 45 | He | 19.610 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 14.442 | ug/l | 2.7 | 20000 | |
| Mn | 55 | 45 | He | 224.086 | ug/l | 2.9 | 20000 | |
| Fe | 56 | 45 | H2 | 10790.891 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 3.188 | ug/l | 2.4 | 2000 | |
| Ni | 60 | 45 | He | 7.781 | ug/l | 3.5 | 20000 | |
| Cu | 63 | 45 | He | 43.335 | ug/l | 3.4 | 20000 | |
| Zn | 66 | 45 | He | 596.931 | ug/l | 2.1 | 20000 | |
| As | 75 | 45 | He | 5.577 | ug/l | 16.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.298 | ug/l | 26.9 | 3000 | |
| Sr | 88 | 115 | He | 6.627 | ug/l | 8.0 | 5000 | |
| Mo | 95 | 115 | He | 0.536 | ug/l | 15.9 | 2000 | |
| Ag | 107 | 115 | He | 0.160 | ug/l | 7.4 | 1000 | |
| Cd | 111 | 115 | He | 0.184 | ug/l | 25.3 | 5000 | |
| Sn | 118 | 115 | He | 9.357 | ug/l | 4.0 | 2000 | |
| Sb | 121 | 115 | He | 0.446 | ug/l | 6.6 | 1000 | |
| Ba | 137 | 159 | He | 79.230 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.049 | ug/l | 3.8 | 1000 | |
| [Pb] | 206 | 209 | He | 304.531 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 261.041 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 279.918 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3372785.89 | 2.9 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5849958.66 | 3.9 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1787812.40 | 1.4 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44958.96 | 1.2 | 86.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357933.55 | 0.5 | 89.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30535.55 | 1.4 | 92.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70929.61 | 1.5 | 89.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 431352.99 | 0.3 | 93.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 351182.97 | 1.1 | 94.4 | 70 | 140 | |

# Sample Report

**File Name** 038SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:20:35

**Sample Name** **460-319499-A-4-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2111

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.682 | ug/l | 9.0 | 2000 | |
| B | 11 | 6 | No Gas | 6.145 | ug/l | 9.5 | 2000 | |
| Na | 23 | 45 | He | 65.559 | ug/l | 27.8 | 500000 | |
| Mg | 24 | 45 | He | 2154.929 | ug/l | 2.4 | 500000 | |
| Al | 27 | 45 | He | 10495.862 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 1081.135 | ug/l | 4.0 | 500000 | |
| Ca | 40 | 45 | H2 | 927.694 | ug/l | 2.3 | 1000000 | |
| Ti | 47 | 45 | He | 124.646 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 23.589 | ug/l | 3.2 | 5000 | |
| Cr | 52 | 45 | He | 20.952 | ug/l | 4.8 | 20000 | |
| Mn | 55 | 45 | He | 96.028 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 18518.878 | ug/l | 2.1 | 500000 | |
| Co | 59 | 45 | He | 6.905 | ug/l | 2.0 | 2000 | |
| Ni | 60 | 45 | He | 11.025 | ug/l | 1.2 | 20000 | |
| Cu | 63 | 45 | He | 7.354 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | 25.528 | ug/l | 3.5 | 20000 | |
| As | 75 | 45 | He | 6.791 | ug/l | 11.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.262 | ug/l | 69.5 | 3000 | |
| Sr | 88 | 115 | He | 5.608 | ug/l | 4.0 | 5000 | |
| Mo | 95 | 115 | He | 0.669 | ug/l | 16.0 | 2000 | |
| Ag | 107 | 115 | He | 0.024 | ug/l | 55.8 | 1000 | |
| Cd | 111 | 115 | He | 0.013 | ug/l | 0.6 | 5000 | |
| Sn | 118 | 115 | He | 2.616 | ug/l | 11.7 | 2000 | |
| Sb | 121 | 115 | He | 0.256 | ug/l | 20.8 | 1000 | |
| Ba | 137 | 159 | He | 47.751 | ug/l | 5.8 | 20000 | |
| Tl | 205 | 209 | He | 0.041 | ug/l | 19.5 | 1000 | |
| [Pb] | 206 | 209 | He | 6.937 | ug/l | 2.9 | | |
| [Pb] | 207 | 209 | He | 6.475 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 6.684 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3154908.81 | 2.7 | 98.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5679553.73 | 2.7 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1760448.95 | 2.2 | 84.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45101.58 | 2.0 | 86.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356024.80 | 0.4 | 89.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30357.37 | 0.3 | 92.2 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69716.78 | 0.3 | 87.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 427521.05 | 1.8 | 92.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 349566.41 | 1.0 | 94.0 | 70 | 140 | |

# Sample Report

**File Name** 039SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:23:07

**Sample Name** **460-319499-A-5-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2112

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.547 | ug/l | 5.8 | 2000 | |
| B | 11 | 6 | No Gas | 3.115 | ug/l | 18.0 | 2000 | |
| Na | 23 | 45 | He | 53.442 | ug/l | 4.5 | 500000 | |
| Mg | 24 | 45 | He | 1353.327 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 6399.516 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 526.852 | ug/l | 2.7 | 500000 | |
| Ca | 40 | 45 | H2 | 2600.231 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 76.479 | ug/l | 5.1 | 10000 | |
| V | 51 | 45 | He | 13.495 | ug/l | 2.8 | 5000 | |
| Cr | 52 | 45 | He | 12.432 | ug/l | 4.1 | 20000 | |
| Mn | 55 | 45 | He | 181.191 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 12253.135 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 3.515 | ug/l | 8.4 | 2000 | |
| Ni | 60 | 45 | He | 7.753 | ug/l | 4.9 | 20000 | |
| Cu | 63 | 45 | He | 32.444 | ug/l | 0.4 | 20000 | |
| Zn | 66 | 45 | He | 34.299 | ug/l | 4.0 | 20000 | |
| As | 75 | 45 | He | 5.629 | ug/l | 2.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.383 | ug/l | 26.8 | 3000 | |
| Sr | 88 | 115 | He | 19.028 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 0.505 | ug/l | 14.3 | 2000 | |
| Ag | 107 | 115 | He | 0.216 | ug/l | 5.6 | 1000 | |
| Cd | 111 | 115 | He | 0.105 | ug/l | 0.7 | 5000 | |
| Sn | 118 | 115 | He | 11.059 | ug/l | 5.5 | 2000 | |
| Sb | 121 | 115 | He | 0.324 | ug/l | 17.7 | 1000 | |
| Ba | 137 | 159 | He | 108.004 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.047 | ug/l | 40.1 | 1000 | |
| [Pb] | 206 | 209 | He | 92.920 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 84.045 | ug/l | 2.7 | | |
| Pb | 208 | 209 | He | 87.936 | ug/l | 2.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3337887.83 | 5.3 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5786240.05 | 4.3 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1756157.49 | 1.2 | 84.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45496.03 | 1.5 | 87.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357422.87 | 0.9 | 89.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30728.23 | 1.1 | 93.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69882.99 | 0.6 | 87.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 421533.17 | 0.7 | 91.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 346786.25 | 1.7 | 93.3 | 70 | 140 | |

# Sample Report

**File Name** 040SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:25:39

**Sample Name** **460-319499-A-7-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.560 | ug/l | 8.9 | 2000 | |
| B | 11 | 6 | No Gas | 2.888 | ug/l | 6.8 | 2000 | |
| Na | 23 | 45 | He | 63.733 | ug/l | 10.0 | 500000 | |
| Mg | 24 | 45 | He | 1431.294 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 6938.588 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 618.802 | ug/l | 2.0 | 500000 | |
| Ca | 40 | 45 | H2 | 2154.796 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 80.610 | ug/l | 1.7 | 10000 | |
| V | 51 | 45 | He | 21.776 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 13.966 | ug/l | 4.8 | 20000 | |
| Mn | 55 | 45 | He | 208.525 | ug/l | 2.3 | 20000 | |
| Fe | 56 | 45 | H2 | 11572.340 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 3.478 | ug/l | 0.2 | 2000 | |
| Ni | 60 | 45 | He | 8.691 | ug/l | 4.3 | 20000 | |
| Cu | 63 | 45 | He | 19.208 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 57.878 | ug/l | 2.8 | 20000 | |
| As | 75 | 45 | He | 5.710 | ug/l | 10.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.178 | ug/l | 21.6 | 3000 | |
| Sr | 88 | 115 | He | 7.710 | ug/l | 4.6 | 5000 | |
| Mo | 95 | 115 | He | 0.530 | ug/l | 15.3 | 2000 | |
| Ag | 107 | 115 | He | 0.109 | ug/l | 7.3 | 1000 | |
| Cd | 111 | 115 | He | 0.106 | ug/l | 50.7 | 5000 | |
| Sn | 118 | 115 | He | 6.758 | ug/l | 7.0 | 2000 | |
| Sb | 121 | 115 | He | 0.622 | ug/l | 8.0 | 1000 | |
| Ba | 137 | 159 | He | 84.807 | ug/l | 4.8 | 20000 | |
| Tl | 205 | 209 | He | 0.063 | ug/l | 6.2 | 1000 | |
| [Pb] | 206 | 209 | He | 244.019 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 229.992 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 236.884 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3418053.14 | 3.9 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5834063.94 | 2.4 | 93.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1798518.88 | 0.7 | 86.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45342.31 | 0.9 | 87.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357301.17 | 0.6 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30462.06 | 1.2 | 92.5 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 34.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69154.97 | 1.1 | 86.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 425868.96 | 0.7 | 92.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 345775.43 | 0.7 | 93.0 | 70 | 140 | |

# Sample Report

**File Name** 041SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:28:11

**Sample Name** **460-319499-A-8-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2202

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.471 | ug/l | 5.6 | 2000 | |
| B | 11 | 6 | No Gas | 4.588 | ug/l | 11.0 | 2000 | |
| Na | 23 | 45 | He | 54.141 | ug/l | 21.7 | 500000 | |
| Mg | 24 | 45 | He | 1750.403 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 6876.085 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 827.542 | ug/l | 2.5 | 500000 | |
| Ca | 40 | 45 | H2 | 578.458 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | 95.028 | ug/l | 1.7 | 10000 | |
| V | 51 | 45 | He | 16.306 | ug/l | 3.2 | 5000 | |
| Cr | 52 | 45 | He | 14.780 | ug/l | 2.8 | 20000 | |
| Mn | 55 | 45 | He | 91.147 | ug/l | 3.9 | 20000 | |
| Fe | 56 | 45 | H2 | 13428.312 | ug/l | 2.7 | 500000 | |
| Co | 59 | 45 | He | 4.734 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 8.669 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 6.072 | ug/l | 2.3 | 20000 | |
| Zn | 66 | 45 | He | 19.726 | ug/l | 3.5 | 20000 | |
| As | 75 | 45 | He | 4.367 | ug/l | 8.1 | 5000 | |
| Se | 78 | 45 | H2 | 0.166 | ug/l | 33.8 | 3000 | |
| Sr | 88 | 115 | He | 3.369 | ug/l | 9.1 | 5000 | |
| Mo | 95 | 115 | He | 0.475 | ug/l | 3.9 | 2000 | |
| Ag | 107 | 115 | He | 0.022 | ug/l | 27.3 | 1000 | |
| Cd | 111 | 115 | He | 0.054 | ug/l | 66.4 | 5000 | |
| Sn | 118 | 115 | He | 2.324 | ug/l | 18.3 | 2000 | |
| Sb | 121 | 115 | He | 0.205 | ug/l | 71.3 | 1000 | |
| Ba | 137 | 159 | He | 29.789 | ug/l | 7.6 | 20000 | |
| Tl | 205 | 209 | He | 0.024 | ug/l | 29.8 | 1000 | |
| [Pb] | 206 | 209 | He | 6.685 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 6.358 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 6.545 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3186340.65 | 4.6 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5642716.65 | 2.3 | 90.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1788276.95 | 2.2 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45031.31 | 1.8 | 86.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357240.72 | 0.6 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30570.14 | 1.3 | 92.9 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69993.30 | 0.8 | 87.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 428051.98 | 2.1 | 92.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 347260.13 | 0.7 | 93.4 | 70 | 140 | |

# Sample Report

**File Name** 042SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:30:44

**Sample Name** **460-319499-A-9-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2203

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.179 | ug/l | 4.7 | 2000 | |
| B | 11 | 6 | No Gas | 12.133 | ug/l | 3.7 | 2000 | |
| Na | 23 | 45 | He | 80.920 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 3782.066 | ug/l | 1.7 | 500000 | |
| Al | 27 | 45 | He | 25543.685 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 2878.472 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 2433.555 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 243.860 | ug/l | 3.7 | 10000 | |
| V | 51 | 45 | He | 61.554 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 55.903 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 113.829 | ug/l | 2.3 | 20000 | |
| Fe | 56 | 45 | H2 | 42870.284 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 9.552 | ug/l | 2.6 | 2000 | |
| Ni | 60 | 45 | He | 26.047 | ug/l | 1.1 | 20000 | |
| Cu | 63 | 45 | He | 13.540 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 52.308 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 17.414 | ug/l | 8.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.496 | ug/l | 20.5 | 3000 | |
| Sr | 88 | 115 | He | 11.485 | ug/l | 3.3 | 5000 | |
| Mo | 95 | 115 | He | 1.875 | ug/l | 3.7 | 2000 | |
| Ag | 107 | 115 | He | 0.037 | ug/l | 15.1 | 1000 | |
| Cd | 111 | 115 | He | 0.023 | ug/l | 78.3 | 5000 | |
| Sn | 118 | 115 | He | 2.925 | ug/l | 12.3 | 2000 | |
| Sb | 121 | 115 | He | 0.862 | ug/l | 20.5 | 1000 | |
| Ba | 137 | 159 | He | 57.426 | ug/l | 3.2 | 20000 | |
| Tl | 205 | 209 | He | 0.120 | ug/l | 11.1 | 1000 | |
| [Pb] | 206 | 209 | He | 13.703 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 12.897 | ug/l | 3.5 | | |
| Pb | 208 | 209 | He | 13.409 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3407854.95 | 3.7 | 106.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5949652.13 | 3.1 | 95.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1778853.46 | 0.8 | 85.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44724.70 | 1.1 | 86.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 352920.68 | 0.4 | 88.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30403.00 | 1.0 | 92.4 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 137.8 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69654.31 | 0.5 | 87.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 427761.63 | 1.2 | 92.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 343222.09 | 0.7 | 92.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 043_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:33:17

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 99.573 | ug/l | 1.9 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 230.566 | ug/l | 2.5 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26200.557 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26273.286 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25664.563 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25238.000 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25083.944 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 104.978 | ug/l | 2.4 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.452 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 102.423 | ug/l | 0.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 101.740 | ug/l | 1.8 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25190.504 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 102.275 | ug/l | 1.2 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 103.778 | ug/l | 3.0 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 104.299 | ug/l | 1.1 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 261.036 | ug/l | 0.8 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 102.877 | ug/l | 1.8 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 104.183 | ug/l | 0.8 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.276 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 100.065 | ug/l | 0.4 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.497 | ug/l | 1.4 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 103.073 | ug/l | 3.9 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 101.290 | ug/l | 1.0 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 102.931 | ug/l | 1.7 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 96.231 | ug/l | 1.0 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.347 | ug/l | 2.3 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.275 | ug/l | 0.7 | | | | |
| [Pb] | 207 | 209 | He | 99.648 | ug/l | 1.9 | | | | |
| Pb | 208 | 209 | He | 98.877 | ug/l | 1.3 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3258771.79 | 1.5 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5881799.50 | 1.7 | 94.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1767476.03 | 1.2 | 84.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44476.25 | 1.1 | 85.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 353469.00 | 0.2 | 88.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30570.12 | 1.0 | 92.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 69359.83 | 0.2 | 87.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 421283.82 | 1.4 | 91.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 340231.37 | 0.5 | 91.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 044_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:35:50

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.010 | ug/l | 127.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.682 | ug/l | 20.7 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 16.226 | ug/l | 15.8 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.118 | ug/l | 62.6 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -0.121 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 19.431 | ug/l | 47.5 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 0.343 | ug/l | 219.7 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.048 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.040 | ug/l | 136.8 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.265 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.013 | ug/l | 612.2 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.093 | ug/l | 5.9 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.007 | ug/l | 288.1 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.087 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.084 | ug/l | 15.9 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -5.173 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.049 | ug/l | 375.6 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.277 | ug/l | 23.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.083 | ug/l | 33.2 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.128 | ug/l | 73.8 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 83.7 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.071 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.078 | ug/l | 20.7 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.045 | ug/l | 122.5 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.015 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.038 | ug/l | 43.6 | | | | |
| [Pb] | 207 | 209 | He | 0.028 | ug/l | 54.4 | | | | |
| Pb | 208 | 209 | He | 0.034 | ug/l | 20.5 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3218969.12 | 3.4 | 100.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5678315.68 | 2.9 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1762218.63 | 1.4 | 84.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45306.63 | 0.3 | 87.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 343879.08 | 0.6 | 86.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 29506.60 | 1.8 | 89.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 70775.25 | 0.9 | 88.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 419852.24 | 0.5 | 91.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 347384.52 | 0.3 | 93.4 | 70 | 140 | |

# Sample Report

**File Name** 045SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:38:24

**Sample Name** **MB 460-1020271/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.013 | ug/l | 33.1 | 2000 | |
| B | 11 | 6 | No Gas | 0.335 | ug/l | 33.5 | 2000 | |
| Na | 23 | 45 | He | 24.879 | ug/l | 8.2 | 500000 | |
| Mg | 24 | 45 | He | 2.282 | ug/l | 33.1 | 500000 | |
| Al | 27 | 45 | He | -2.500 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 3.610 | ug/l | 222.0 | 500000 | |
| Ca | 40 | 45 | H2 | -0.726 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | -0.287 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.034 | ug/l | 68.9 | 5000 | |
| Cr | 52 | 45 | He | -0.172 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.113 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.368 | ug/l | 59.3 | 500000 | |
| Co | 59 | 45 | He | 0.002 | ug/l | 443.9 | 2000 | |
| Ni | 60 | 45 | He | -0.099 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.039 | ug/l | 161.2 | 20000 | |
| Zn | 66 | 45 | He | -6.122 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.083 | ug/l | 362.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.141 | ug/l | 100.4 | 3000 | |
| Sr | 88 | 115 | He | -0.053 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.025 | ug/l | 102.1 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 110.2 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.143 | ug/l | 126.1 | 2000 | |
| Sb | 121 | 115 | He | 0.008 | ug/l | 926.8 | 1000 | |
| Ba | 137 | 159 | He | 0.012 | ug/l | 1044.1 | 20000 | |
| Tl | 205 | 209 | He | -0.028 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.038 | ug/l | 32.2 | | |
| [Pb] | 207 | 209 | He | 0.017 | ug/l | 82.6 | | |
| Pb | 208 | 209 | He | 0.029 | ug/l | 38.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3477073.32 | 0.8 | 108.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6028041.99 | 1.5 | 96.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1783026.94 | 0.5 | 85.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44799.35 | 0.7 | 86.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 344332.50 | 0.8 | 86.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 29485.50 | 2.5 | 89.6 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71039.26 | 0.3 | 89.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 422203.85 | 0.2 | 91.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 349124.49 | 1.3 | 93.9 | 70 | 140 | |

# Sample Report

**File Name** 046SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:40:59

**Sample Name** **LCSSRM 460-1020271/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 512.651 | ug/l | 4.0 | 2000 | |
| B | 11 | 6 | No Gas | 470.537 | ug/l | 6.6 | 2000 | |
| Na | 23 | 45 | He | 1307.344 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 5477.065 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 16177.134 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 5888.167 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 16130.250 | ug/l | 0.3 | 1000000 | |
| Ti | 47 | 45 | He | 437.490 | ug/l | 3.4 | 10000 | |
| V | 51 | 45 | He | 530.416 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 675.781 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 905.690 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 19323.050 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 440.347 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 948.824 | ug/l | 1.1 | 20000 | |
| Cu | 63 | 45 | He | 629.567 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 752.130 | ug/l | 2.9 | 20000 | |
| As | 75 | 45 | He | 749.020 | ug/l | 1.2 | 5000 | |
| Se | 78 | 45 | H2 | 868.781 | ug/l | 1.0 | 3000 | |
| Sr | 88 | 115 | He | 287.407 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 296.465 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 241.239 | ug/l | 0.6 | 1000 | |
| Cd | 111 | 115 | He | 269.394 | ug/l | 1.9 | 5000 | |
| Sn | 118 | 115 | He | 278.799 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 301.163 | ug/l | 1.3 | 1000 | |
| Ba | 137 | 159 | He | 942.759 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 359.625 | ug/l | 0.8 | 1000 | |
| [Pb] | 206 | 209 | He | 619.804 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 588.740 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 631.742 | ug/l | 0.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3252688.22 | 5.6 | 101.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5719153.94 | 2.9 | 91.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1784671.27 | 0.9 | 85.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45580.72 | 1.0 | 87.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 367223.57 | 0.5 | 91.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31237.18 | 2.1 | 94.9 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69914.85 | 0.4 | 87.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 422126.28 | 1.8 | 91.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 341135.44 | 0.4 | 91.7 | 70 | 140 | |

# Sample Report

**File Name** 047SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:43:30

**Sample Name** **PDS 460-319574-B-15-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 25.615 | ug/l | 3.5 | 2000 | |
| B | 11 | 6 | No Gas | 490.170 | ug/l | 5.7 | 2000 | |
| Na | 23 | 45 | He | 2801.120 | ug/l | 2.4 | 500000 | |
| Mg | 24 | 45 | He | 7796.740 | ug/l | 3.0 | 500000 | |
| Al | 27 | 45 | He | 32328.679 | ug/l | 2.0 | 500000 | |
| K | 39 | 45 | He | 4593.445 | ug/l | 5.0 | 500000 | |
| Ca | 40 | 45 | H2 | 4953.502 | ug/l | 2.1 | 1000000 | |
| Ti | 47 | 45 | He | 390.520 | ug/l | 1.4 | 10000 | |
| V | 51 | 45 | He | 107.083 | ug/l | 2.8 | 5000 | |
| Cr | 52 | 45 | He | 98.478 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 420.143 | ug/l | 3.8 | 20000 | |
| Fe | 56 | 45 | H2 | 44178.712 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 33.655 | ug/l | 0.2 | 2000 | |
| Ni | 60 | 45 | He | 75.259 | ug/l | 3.1 | 20000 | |
| Cu | 63 | 45 | He | 68.147 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 324.114 | ug/l | 4.0 | 20000 | |
| As | 75 | 45 | He | 61.952 | ug/l | 3.0 | 5000 | |
| Se | 78 | 45 | H2 | 52.249 | ug/l | 2.1 | 3000 | |
| Sr | 88 | 115 | He | 64.653 | ug/l | 1.8 | 5000 | |
| Mo | 95 | 115 | He | 50.405 | ug/l | 2.2 | 2000 | |
| Ag | 107 | 115 | He | 24.842 | ug/l | 1.8 | 1000 | |
| Cd | 111 | 115 | He | 24.291 | ug/l | 1.2 | 5000 | |
| Sn | 118 | 115 | He | 60.698 | ug/l | 2.3 | 2000 | |
| Sb | 121 | 115 | He | 24.261 | ug/l | 1.1 | 1000 | |
| Ba | 137 | 159 | He | 150.347 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 19.886 | ug/l | 2.4 | 1000 | |
| [Pb] | 206 | 209 | He | 50.315 | ug/l | 2.0 | | |
| [Pb] | 207 | 209 | He | 47.819 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 49.097 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3179148.81 | 5.1 | 98.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5712580.82 | 4.2 | 91.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1786249.21 | 2.7 | 85.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44710.33 | 2.5 | 86.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 366700.89 | 0.8 | 91.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 31167.03 | 0.7 | 94.7 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68983.23 | 1.4 | 86.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 421404.08 | 2.4 | 91.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 338767.80 | 1.1 | 91.1 | 70 | 140 | |

# Sample Report

**File Name** 048SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:46:04

**Sample Name** **460-319574-B-15-C MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 44.168 | ug/l | 5.6 | 2000 | |
| B | 11 | 6 | No Gas | 823.258 | ug/l | 7.3 | 2000 | |
| Na | 23 | 45 | He | 4938.995 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 10620.032 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 42008.284 | ug/l | 2.5 | 500000 | |
| K | 39 | 45 | He | 6921.569 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 7214.428 | ug/l | 2.1 | 1000000 | |
| Ti | 47 | 45 | He | 529.191 | ug/l | 3.1 | 10000 | |
| V | 51 | 45 | He | 154.960 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 145.064 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 630.591 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 50856.018 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 54.482 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 119.119 | ug/l | 3.3 | 20000 | |
| Cu | 63 | 45 | He | 110.812 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 544.533 | ug/l | 1.9 | 20000 | |
| As | 75 | 45 | He | 98.686 | ug/l | 3.5 | 5000 | |
| Se | 78 | 45 | H2 | 90.775 | ug/l | 2.4 | 3000 | |
| Sr | 88 | 115 | He | 108.256 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 90.318 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 45.276 | ug/l | 0.4 | 1000 | |
| Cd | 111 | 115 | He | 43.499 | ug/l | 1.4 | 5000 | |
| Sn | 118 | 115 | He | 95.743 | ug/l | 1.6 | 2000 | |
| Sb | 121 | 115 | He | 26.082 | ug/l | 3.6 | 1000 | |
| Ba | 137 | 159 | He | 199.024 | ug/l | 2.7 | 20000 | |
| Tl | 205 | 209 | He | 35.746 | ug/l | 1.9 | 1000 | |
| [Pb] | 206 | 209 | He | 77.233 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 74.160 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 75.811 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3210274.12 | 4.3 | 99.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5818545.12 | 3.4 | 93.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1768405.09 | 0.9 | 84.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44959.02 | 1.8 | 86.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 363849.01 | 0.2 | 91.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 31359.63 | 0.2 | 95.3 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68820.80 | 1.6 | 86.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 421751.87 | 1.1 | 91.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 339130.67 | 0.8 | 91.2 | 70 | 140 | |

# Sample Report

**File Name** 049SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:48:37

**Sample Name** **460-319574-B-15-B DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.242 | ug/l | 11.7 | 2000 | |
| B | 11 | 6 | No Gas | 20.931 | ug/l | 6.2 | 2000 | |
| Na | 23 | 45 | He | 183.286 | ug/l | 6.5 | 500000 | |
| Mg | 24 | 45 | He | 5287.462 | ug/l | 2.2 | 500000 | |
| Al | 27 | 45 | He | 29715.777 | ug/l | 0.3 | 500000 | |
| K | 39 | 45 | He | 2184.846 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 2914.492 | ug/l | 0.1 | 1000000 | |
| Ti | 47 | 45 | He | 333.720 | ug/l | 0.4 | 10000 | |
| V | 51 | 45 | He | 63.065 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 49.978 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 169.394 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 45424.833 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 8.347 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 26.893 | ug/l | 2.5 | 20000 | |
| Cu | 63 | 45 | He | 18.261 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 72.084 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 13.216 | ug/l | 0.6 | 5000 | |
| Se | 78 | 45 | H2 | 1.170 | ug/l | 36.3 | 3000 | |
| Sr | 88 | 115 | He | 19.083 | ug/l | 4.5 | 5000 | |
| Mo | 95 | 115 | He | 1.600 | ug/l | 10.5 | 2000 | |
| Ag | 107 | 115 | He | 0.130 | ug/l | 15.0 | 1000 | |
| Cd | 111 | 115 | He | 0.125 | ug/l | 98.9 | 5000 | |
| Sn | 118 | 115 | He | 10.300 | ug/l | 6.2 | 2000 | |
| Sb | 121 | 115 | He | 1.085 | ug/l | 1.8 | 1000 | |
| Ba | 137 | 159 | He | 115.912 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.348 | ug/l | 8.2 | 1000 | |
| [Pb] | 206 | 209 | He | 28.157 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 26.869 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 27.539 | ug/l | 0.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3182249.54 | 4.6 | 99.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5762328.18 | 5.7 | 92.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1797140.01 | 1.4 | 86.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45516.24 | 1.3 | 87.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 367177.21 | 0.8 | 91.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30977.66 | 2.3 | 94.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69448.79 | 1.2 | 87.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 433694.37 | 0.6 | 94.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 342902.26 | 0.3 | 92.2 | 70 | 140 | |

# Sample Report

**File Name** 050SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:51:10

**Sample Name** **460-319574-B-15-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.110 | ug/l | 11.0 | 2000 | |
| B | 11 | 6 | No Gas | 15.643 | ug/l | 7.5 | 2000 | |
| Na | 23 | 45 | He | 180.013 | ug/l | 8.8 | 500000 | |
| Mg | 24 | 45 | He | 5169.148 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 29416.552 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 2112.498 | ug/l | 2.7 | 500000 | |
| Ca | 40 | 45 | H2 | 2590.791 | ug/l | 0.3 | 1000000 | |
| Ti | 47 | 45 | He | 330.072 | ug/l | 3.2 | 10000 | |
| V | 51 | 45 | He | 57.143 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 48.769 | ug/l | 4.5 | 20000 | |
| Mn | 55 | 45 | He | 175.950 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 42151.833 | ug/l | 2.2 | 500000 | |
| Co | 59 | 45 | He | 8.409 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 25.557 | ug/l | 3.3 | 20000 | |
| Cu | 63 | 45 | He | 17.392 | ug/l | 3.9 | 20000 | |
| Zn | 66 | 45 | He | 70.371 | ug/l | 3.6 | 20000 | |
| As | 75 | 45 | He | 11.356 | ug/l | 7.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.726 | ug/l | 18.4 | 3000 | |
| Sr | 88 | 115 | He | 16.510 | ug/l | 2.7 | 5000 | |
| Mo | 95 | 115 | He | 1.702 | ug/l | 12.8 | 2000 | |
| Ag | 107 | 115 | He | 0.125 | ug/l | 12.4 | 1000 | |
| Cd | 111 | 115 | He | 0.124 | ug/l | 50.6 | 5000 | |
| Sn | 118 | 115 | He | 10.407 | ug/l | 6.0 | 2000 | |
| Sb | 121 | 115 | He | 1.002 | ug/l | 8.8 | 1000 | |
| Ba | 137 | 159 | He | 103.798 | ug/l | 2.5 | 20000 | |
| Tl | 205 | 209 | He | 0.340 | ug/l | 6.6 | 1000 | |
| [Pb] | 206 | 209 | He | 25.182 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 23.829 | ug/l | 2.1 | | |
| Pb | 208 | 209 | He | 24.464 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3060377.49 | 6.1 | 95.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5718181.23 | 5.7 | 91.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1799632.28 | 2.1 | 86.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45633.30 | 1.9 | 87.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 366412.50 | 0.2 | 91.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 31739.43 | 0.8 | 96.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70219.96 | 0.6 | 88.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 426499.36 | 0.6 | 92.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 345182.07 | 1.1 | 92.8 | 70 | 140 | |

# Sample Report

**File Name** 051SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:53:42

**Sample Name** **SD 460-319574-B-15-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.202 | ug/l | 13.9 | 2000 | |
| B | 11 | 6 | No Gas | 3.843 | ug/l | 14.2 | 2000 | |
| Na | 23 | 45 | He | 50.343 | ug/l | 10.5 | 500000 | |
| Mg | 24 | 45 | He | 1046.330 | ug/l | 2.3 | 500000 | |
| Al | 27 | 45 | He | 6005.030 | ug/l | 2.9 | 500000 | |
| K | 39 | 45 | He | 441.037 | ug/l | 3.2 | 500000 | |
| Ca | 40 | 45 | H2 | 529.075 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | 68.304 | ug/l | 12.0 | 10000 | |
| V | 51 | 45 | He | 11.503 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 10.037 | ug/l | 2.9 | 20000 | |
| Mn | 55 | 45 | He | 34.862 | ug/l | 3.7 | 20000 | |
| Fe | 56 | 45 | H2 | 8502.098 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 1.590 | ug/l | 5.5 | 2000 | |
| Ni | 60 | 45 | He | 5.443 | ug/l | 4.4 | 20000 | |
| Cu | 63 | 45 | He | 3.746 | ug/l | 3.6 | 20000 | |
| Zn | 66 | 45 | He | 9.728 | ug/l | 5.9 | 20000 | |
| As | 75 | 45 | He | 2.487 | ug/l | 22.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.321 | ug/l | 19.6 | 3000 | |
| Sr | 88 | 115 | He | 3.009 | ug/l | 6.3 | 5000 | |
| Mo | 95 | 115 | He | 0.412 | ug/l | 10.0 | 2000 | |
| Ag | 107 | 115 | He | 0.031 | ug/l | 43.2 | 1000 | |
| Cd | 111 | 115 | He | 0.032 | ug/l | 54.4 | 5000 | |
| Sn | 118 | 115 | He | 1.920 | ug/l | 4.5 | 2000 | |
| Sb | 121 | 115 | He | 0.103 | ug/l | 107.3 | 1000 | |
| Ba | 137 | 159 | He | 21.534 | ug/l | 6.1 | 20000 | |
| Tl | 205 | 209 | He | 0.046 | ug/l | 14.7 | 1000 | |
| [Pb] | 206 | 209 | He | 4.988 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 4.742 | ug/l | 3.2 | | |
| Pb | 208 | 209 | He | 4.904 | ug/l | 0.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3308572.24 | 4.6 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5989827.13 | 4.4 | 96.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1802065.61 | 1.4 | 86.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45524.08 | 0.7 | 87.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 365350.24 | 0.7 | 91.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30628.01 | 0.8 | 93.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71728.98 | 1.0 | 90.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 432208.53 | 0.9 | 93.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 351810.30 | 0.9 | 94.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 052_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:56:15

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 101.718 | ug/l | 7.8 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 242.953 | ug/l | 5.7 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26429.966 | ug/l | 0.2 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26165.693 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25516.898 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25161.980 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25420.087 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 99.569 | ug/l | 5.8 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.862 | ug/l | 2.6 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 102.375 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 101.327 | ug/l | 2.5 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25577.478 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 101.772 | ug/l | 2.1 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 102.416 | ug/l | 2.9 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 102.098 | ug/l | 1.1 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 254.264 | ug/l | 3.4 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.258 | ug/l | 2.2 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 104.942 | ug/l | 2.2 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.888 | ug/l | 1.8 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 100.934 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.928 | ug/l | 0.3 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.004 | ug/l | 2.0 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 102.947 | ug/l | 1.9 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.656 | ug/l | 1.9 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 96.031 | ug/l | 3.4 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.711 | ug/l | 1.0 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.670 | ug/l | 0.4 | | | | |
| [Pb] | 207 | 209 | He | 98.257 | ug/l | 0.5 | | | | |
| Pb | 208 | 209 | He | 100.003 | ug/l | 0.4 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3129731.48 | 6.4 | 97.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5815737.62 | 4.5 | 93.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1772873.50 | 0.5 | 85.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46194.08 | 1.1 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359843.57 | 0.1 | 90.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30953.26 | 0.8 | 94.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 70468.68 | 1.2 | 88.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 431764.57 | 1.2 | 93.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 343559.50 | 0.1 | 92.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 053_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 11:58:46

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.019 | ug/l | 28.0 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.057 | ug/l | 16.4 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 19.306 | ug/l | 92.9 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.315 | ug/l | 89.5 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -2.374 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | -4.018 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | -0.944 | ug/l | N/A | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.676 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.029 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.089 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.111 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 1.990 | ug/l | 25.0 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.011 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.099 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.085 | ug/l | 89.5 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.304 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.045 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.259 | ug/l | 25.5 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.050 | ug/l | 246.9 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.134 | ug/l | 26.1 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 150.8 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.082 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.054 | ug/l | 69.4 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.059 | ug/l | 82.9 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.015 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.031 | ug/l | 55.9 | | | | |
| [Pb] | 207 | 209 | He | 0.014 | ug/l | 138.4 | | | | |
| Pb | 208 | 209 | He | 0.023 | ug/l | 37.0 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3340805.82 | 2.4 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6044098.87 | 1.3 | 97.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1779605.60 | 1.6 | 85.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45715.84 | 2.0 | 88.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 346715.21 | 1.1 | 86.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29606.85 | 2.1 | 89.9 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |
| In-1 | 115 | He | 72181.47 | 0.6 | 90.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 426564.11 | 0.8 | 92.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 354028.04 | 0.7 | 95.2 | 70 | 140 | |

# Sample Report

**File Name** 054SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:03:35

**Sample Name** **MB 460-1020431/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.000 | ug/l | 5690.3 | 2000 | |
| B | 11 | 6 | No Gas | 0.473 | ug/l | 22.8 | 2000 | |
| Na | 23 | 45 | He | 3.114 | ug/l | 446.2 | 500000 | |
| Mg | 24 | 45 | He | 0.092 | ug/l | 237.1 | 500000 | |
| Al | 27 | 45 | He | 0.195 | ug/l | 433.9 | 500000 | |
| K | 39 | 45 | He | 2.075 | ug/l | 896.0 | 500000 | |
| Ca | 40 | 45 | H2 | -1.181 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | -0.385 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.026 | ug/l | 103.5 | 5000 | |
| Cr | 52 | 45 | He | -0.134 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.165 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.140 | ug/l | 383.3 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.046 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.010 | ug/l | 544.0 | 20000 | |
| Zn | 66 | 45 | He | -6.487 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.015 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.062 | ug/l | 5.3 | 3000 | |
| Sr | 88 | 115 | He | 0.060 | ug/l | 117.6 | 5000 | |
| Mo | 95 | 115 | He | 0.071 | ug/l | 36.0 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 65.8 | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.048 | ug/l | 715.2 | 2000 | |
| Sb | 121 | 115 | He | 0.050 | ug/l | 72.3 | 1000 | |
| Ba | 137 | 159 | He | -0.070 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.033 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.023 | ug/l | 176.9 | | |
| [Pb] | 207 | 209 | He | 0.039 | ug/l | 163.4 | | |
| Pb | 208 | 209 | He | 0.018 | ug/l | 110.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3503936.62 | 2.7 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6123866.85 | 0.8 | 98.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1789464.09 | 2.8 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46422.49 | 1.0 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 346382.07 | 0.5 | 86.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 30071.25 | 1.3 | 91.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71884.36 | 1.6 | 90.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 426138.20 | 1.2 | 92.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 351066.65 | 1.2 | 94.4 | 70 | 140 | |

# Sample Report

**File Name** 055SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:06:11

**Sample Name** **LCS 460-1020431/2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 26.930 | ug/l | 2.0 | 2000 | |
| B | 11 | 6 | No Gas | 462.583 | ug/l | 7.3 | 2000 | |
| Na | 23 | 45 | He | 2682.362 | ug/l | 2.7 | 500000 | |
| Mg | 24 | 45 | He | 2648.294 | ug/l | 2.7 | 500000 | |
| Al | 27 | 45 | He | 2658.332 | ug/l | 1.7 | 500000 | |
| K | 39 | 45 | He | 2567.647 | ug/l | 2.0 | 500000 | |
| Ca | 40 | 45 | H2 | 2527.842 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 50.222 | ug/l | 9.1 | 10000 | |
| V | 51 | 45 | He | 50.848 | ug/l | 1.8 | 5000 | |
| Cr | 52 | 45 | He | 50.784 | ug/l | 0.8 | 20000 | |
| Mn | 55 | 45 | He | 253.746 | ug/l | 4.3 | 20000 | |
| Fe | 56 | 45 | H2 | 2604.889 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 25.773 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 53.937 | ug/l | 2.3 | 20000 | |
| Cu | 63 | 45 | He | 57.891 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 253.956 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 52.104 | ug/l | 3.0 | 5000 | |
| Se | 78 | 45 | H2 | 49.211 | ug/l | 1.0 | 3000 | |
| Sr | 88 | 115 | He | 50.427 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 47.830 | ug/l | 2.5 | 2000 | |
| Ag | 107 | 115 | He | 25.747 | ug/l | 0.6 | 1000 | |
| Cd | 111 | 115 | He | 24.701 | ug/l | 2.9 | 5000 | |
| Sn | 118 | 115 | He | 50.349 | ug/l | 2.5 | 2000 | |
| Sb | 121 | 115 | He | 25.263 | ug/l | 0.4 | 1000 | |
| Ba | 137 | 159 | He | 50.468 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 19.889 | ug/l | 2.6 | 1000 | |
| [Pb] | 206 | 209 | He | 25.650 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 24.782 | ug/l | 2.7 | | |
| Pb | 208 | 209 | He | 25.187 | ug/l | 2.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3297348.32 | 6.1 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5884511.23 | 3.0 | 94.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1841057.25 | 0.7 | 88.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47352.48 | 1.8 | 91.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 355766.34 | 0.3 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 29982.12 | 0.9 | 91.1 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72548.30 | 0.6 | 91.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 433958.25 | 2.8 | 94.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 354188.46 | 1.6 | 95.2 | 70 | 140 | |

# Sample Report

**File Name** 056SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:08:44

**Sample Name** **PDS 460-320064-B-9-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 23.902 | ug/l | 4.6 | 2000 | |
| B | 11 | 6 | No Gas | 550.342 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 126565.690 | ug/l | 2.2 | 500000 | |
| Mg | 24 | 45 | He | 14577.984 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 2657.406 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 11653.149 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 25577.928 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | 49.981 | ug/l | 6.2 | 10000 | |
| V | 51 | 45 | He | 50.872 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 49.095 | ug/l | 1.5 | 20000 | |
| Mn | 55 | 45 | He | 249.539 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 2533.711 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 24.575 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 49.937 | ug/l | 2.8 | 20000 | |
| Cu | 63 | 45 | He | 51.041 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 249.854 | ug/l | 1.8 | 20000 | |
| As | 75 | 45 | He | 52.218 | ug/l | 3.0 | 5000 | |
| Se | 78 | 45 | H2 | 50.956 | ug/l | 4.7 | 3000 | |
| Sr | 88 | 115 | He | 210.943 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 47.842 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 24.173 | ug/l | 2.1 | 1000 | |
| Cd | 111 | 115 | He | 24.366 | ug/l | 3.1 | 5000 | |
| Sn | 118 | 115 | He | 49.020 | ug/l | 4.0 | 2000 | |
| Sb | 121 | 115 | He | 18.864 | ug/l | 2.7 | 1000 | |
| Ba | 137 | 159 | He | 51.549 | ug/l | 3.2 | 20000 | |
| Tl | 205 | 209 | He | 19.190 | ug/l | 1.0 | 1000 | |
| [Pb] | 206 | 209 | He | 24.250 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 23.760 | ug/l | 2.6 | | |
| Pb | 208 | 209 | He | 24.066 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3457166.09 | 4.6 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6131080.95 | 3.2 | 98.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1831854.99 | 2.5 | 87.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46134.89 | 1.9 | 88.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370188.48 | 0.6 | 92.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 31096.79 | 0.8 | 94.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70237.60 | 1.4 | 88.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 426716.25 | 0.4 | 92.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 342983.21 | 0.9 | 92.2 | 70 | 140 | |

# Sample Report

**File Name** 057SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:11:17

**Sample Name** **460-320064-B-9-C MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 25.218 | ug/l | 4.8 | 2000 | |
| B | 11 | 6 | No Gas | 576.669 | ug/l | 6.8 | 2000 | |
| Na | 23 | 45 | He | 119333.816 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 13884.510 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 2598.309 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 11110.517 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 24635.508 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 52.257 | ug/l | 2.0 | 10000 | |
| V | 51 | 45 | He | 50.749 | ug/l | 3.0 | 5000 | |
| Cr | 52 | 45 | He | 48.115 | ug/l | 0.3 | 20000 | |
| Mn | 55 | 45 | He | 252.031 | ug/l | 3.0 | 20000 | |
| Fe | 56 | 45 | H2 | 2569.300 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 25.204 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 49.688 | ug/l | 2.4 | 20000 | |
| Cu | 63 | 45 | He | 50.748 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 255.843 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 48.434 | ug/l | 5.5 | 5000 | |
| Se | 78 | 45 | H2 | 50.732 | ug/l | 2.5 | 3000 | |
| Sr | 88 | 115 | He | 199.953 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 44.559 | ug/l | 2.2 | 2000 | |
| Ag | 107 | 115 | He | 24.372 | ug/l | 1.2 | 1000 | |
| Cd | 111 | 115 | He | 24.605 | ug/l | 2.9 | 5000 | |
| Sn | 118 | 115 | He | 46.067 | ug/l | 2.0 | 2000 | |
| Sb | 121 | 115 | He | 24.200 | ug/l | 2.4 | 1000 | |
| Ba | 137 | 159 | He | 53.321 | ug/l | 2.7 | 20000 | |
| Tl | 205 | 209 | He | 19.511 | ug/l | 0.1 | 1000 | |
| [Pb] | 206 | 209 | He | 24.724 | ug/l | 2.7 | | |
| [Pb] | 207 | 209 | He | 24.415 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 24.635 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3238929.47 | 8.4 | 100.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5846473.18 | 4.9 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1791845.79 | 1.1 | 86.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46218.44 | 0.5 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 367152.29 | 1.2 | 91.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31636.97 | 0.6 | 96.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71144.43 | 0.6 | 89.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 429309.15 | 0.6 | 93.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 342103.66 | 0.4 | 92.0 | 70 | 140 | |

# Sample Report

**File Name** 058SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:13:49

**Sample Name** **460-320064-B-9-B DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.018 | ug/l | 60.1 | 2000 | |
| B | 11 | 6 | No Gas | 135.375 | ug/l | 5.3 | 2000 | |
| Na | 23 | 45 | He | 125290.038 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 12300.011 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 92.164 | ug/l | 11.6 | 500000 | |
| K | 39 | 45 | He | 9382.973 | ug/l | 0.5 | 500000 | |
| Ca | 40 | 45 | H2 | 23374.266 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 0.012 | ug/l | 2375.3 | 10000 | |
| V | 51 | 45 | He | 0.274 | ug/l | 28.2 | 5000 | |
| Cr | 52 | 45 | He | -0.629 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 6.868 | ug/l | 8.4 | 20000 | |
| Fe | 56 | 45 | H2 | 90.698 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 0.094 | ug/l | 29.1 | 2000 | |
| Ni | 60 | 45 | He | 1.099 | ug/l | 2.7 | 20000 | |
| Cu | 63 | 45 | He | 2.301 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | -4.440 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.445 | ug/l | 51.1 | 5000 | |
| Se | 78 | 45 | H2 | 0.451 | ug/l | 38.3 | 3000 | |
| Sr | 88 | 115 | He | 162.520 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 1.006 | ug/l | 7.3 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 1034.3 | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.577 | ug/l | 22.8 | 2000 | |
| Sb | 121 | 115 | He | 0.089 | ug/l | 16.5 | 1000 | |
| Ba | 137 | 159 | He | 4.278 | ug/l | 14.3 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.049 | ug/l | 88.8 | | |
| [Pb] | 207 | 209 | He | 0.032 | ug/l | 93.7 | | |
| Pb | 208 | 209 | He | 0.040 | ug/l | 45.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3274475.89 | 6.1 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5750965.33 | 4.8 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1803002.05 | 0.7 | 86.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45385.82 | 0.6 | 87.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368853.36 | 0.9 | 92.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31566.76 | 0.4 | 95.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70395.55 | 0.1 | 88.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 427071.40 | 0.6 | 92.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 341573.07 | 0.2 | 91.9 | 70 | 140 | |

# Sample Report

**File Name** 059SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:16:22

**Sample Name** **460-320064-B-9-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.010 | ug/l | 45.0 | 2000 | |
| B | 11 | 6 | No Gas | 123.874 | ug/l | 7.7 | 2000 | |
| Na | 23 | 45 | He | 123822.548 | ug/l | 1.6 | 500000 | |
| Mg | 24 | 45 | He | 12009.342 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 87.252 | ug/l | 6.4 | 500000 | |
| K | 39 | 45 | He | 9135.738 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 23353.933 | ug/l | 2.9 | 1000000 | |
| Ti | 47 | 45 | He | -0.621 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.229 | ug/l | 27.7 | 5000 | |
| Cr | 52 | 45 | He | -0.643 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 6.328 | ug/l | 5.0 | 20000 | |
| Fe | 56 | 45 | H2 | 79.502 | ug/l | 3.2 | 500000 | |
| Co | 59 | 45 | He | 0.087 | ug/l | 10.1 | 2000 | |
| Ni | 60 | 45 | He | 0.274 | ug/l | 73.6 | 20000 | |
| Cu | 63 | 45 | He | 0.803 | ug/l | 2.8 | 20000 | |
| Zn | 66 | 45 | He | -5.121 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.500 | ug/l | 65.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.309 | ug/l | 16.8 | 3000 | |
| Sr | 88 | 115 | He | 159.984 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 0.716 | ug/l | 10.4 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 112.4 | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.116 | ug/l | 139.7 | 2000 | |
| Sb | 121 | 115 | He | 0.106 | ug/l | 57.4 | 1000 | |
| Ba | 137 | 159 | He | 3.864 | ug/l | 10.3 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.040 | ug/l | 53.8 | | |
| [Pb] | 207 | 209 | He | 0.029 | ug/l | 49.0 | | |
| Pb | 208 | 209 | He | 0.036 | ug/l | 34.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3341949.43 | 2.2 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5901739.70 | 1.7 | 94.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1790924.10 | 3.3 | 85.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45895.25 | 0.4 | 88.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369531.72 | 0.9 | 92.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31315.09 | 0.7 | 95.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69835.11 | 0.8 | 87.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 430022.92 | 0.6 | 93.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 343621.24 | 0.7 | 92.4 | 70 | 140 | |

# Sample Report

**File Name** 060SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:18:54

**Sample Name** **SD 460-320064-B-9-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.001 | ug/l | 142.8 | 2000 | |
| B | 11 | 6 | No Gas | 27.058 | ug/l | 8.7 | 2000 | |
| Na | 23 | 45 | He | 25712.669 | ug/l | 2.5 | 500000 | |
| Mg | 24 | 45 | He | 2485.109 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 12.252 | ug/l | 39.7 | 500000 | |
| K | 39 | 45 | He | 1881.750 | ug/l | 3.0 | 500000 | |
| Ca | 40 | 45 | H2 | 4646.553 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.283 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.071 | ug/l | 22.1 | 5000 | |
| Cr | 52 | 45 | He | -0.290 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1.218 | ug/l | 7.4 | 20000 | |
| Fe | 56 | 45 | H2 | 16.265 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 0.024 | ug/l | 60.1 | 2000 | |
| Ni | 60 | 45 | He | 0.027 | ug/l | 365.4 | 20000 | |
| Cu | 63 | 45 | He | 0.173 | ug/l | 70.6 | 20000 | |
| Zn | 66 | 45 | He | -5.276 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.175 | ug/l | 80.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.205 | ug/l | 47.5 | 3000 | |
| Sr | 88 | 115 | He | 31.042 | ug/l | 8.1 | 5000 | |
| Mo | 95 | 115 | He | 0.329 | ug/l | 8.2 | 2000 | |
| Ag | 107 | 115 | He | -0.003 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.334 | ug/l | 48.1 | 2000 | |
| Sb | 121 | 115 | He | 0.081 | ug/l | 17.8 | 1000 | |
| Ba | 137 | 159 | He | 0.798 | ug/l | 19.5 | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.043 | ug/l | 102.4 | | |
| [Pb] | 207 | 209 | He | 0.017 | ug/l | 89.3 | | |
| Pb | 208 | 209 | He | 0.022 | ug/l | 14.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3345781.17 | 5.5 | 104.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5790816.09 | 3.2 | 93.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1794352.82 | 1.1 | 86.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44710.16 | 0.7 | 86.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356714.55 | 0.4 | 89.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30590.13 | 0.9 | 92.9 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69779.91 | 1.4 | 87.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 426509.17 | 0.5 | 92.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 345988.88 | 1.4 | 93.0 | 70 | 140 | |

# Sample Report

**File Name** 061SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:21:28

**Sample Name** **460-319984-F-1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.013 | ug/l | 107.1 | 2000 | |
| B | 11 | 6 | No Gas | 160.008 | ug/l | 4.5 | 2000 | |
| Na | 23 | 45 | He | 41088.884 | ug/l | 0.7 | 500000 | |
| Mg | 24 | 45 | He | 9675.550 | ug/l | 0.6 | 500000 | |
| Al | 27 | 45 | He | 3.245 | ug/l | 66.1 | 500000 | |
| K | 39 | 45 | He | 4151.527 | ug/l | 0.3 | 500000 | |
| Ca | 40 | 45 | H2 | 53199.198 | ug/l | 0.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.288 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.009 | ug/l | 923.4 | 5000 | |
| Cr | 52 | 45 | He | -0.525 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 227.293 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 20.278 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 0.366 | ug/l | 6.3 | 2000 | |
| Ni | 60 | 45 | He | 2.803 | ug/l | 14.1 | 20000 | |
| Cu | 63 | 45 | He | 4.681 | ug/l | 4.1 | 20000 | |
| Zn | 66 | 45 | He | -1.667 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.667 | ug/l | 29.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.074 | ug/l | 119.5 | 3000 | |
| Sr | 88 | 115 | He | 273.414 | ug/l | 1.5 | 5000 | |
| Mo | 95 | 115 | He | 0.390 | ug/l | 5.0 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 123.9 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.153 | ug/l | 235.5 | 2000 | |
| Sb | 121 | 115 | He | 0.145 | ug/l | 41.8 | 1000 | |
| Ba | 137 | 159 | He | 70.176 | ug/l | 2.7 | 20000 | |
| Tl | 205 | 209 | He | -0.033 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.240 | ug/l | 15.0 | | |
| [Pb] | 207 | 209 | He | 0.241 | ug/l | 20.6 | | |
| Pb | 208 | 209 | He | 0.247 | ug/l | 16.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3457431.41 | 3.8 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5893280.26 | 1.7 | 94.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1788424.45 | 0.9 | 85.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45024.45 | 0.4 | 86.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 362167.02 | 0.9 | 90.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 31073.52 | 0.9 | 94.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70057.34 | 0.8 | 88.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 429228.72 | 0.2 | 93.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 347193.35 | 0.5 | 93.4 | 70 | 140 | |

# Sample Report

**File Name** 062SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:24:00

**Sample Name** **460-319984-F-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.033 | ug/l | 39.3 | 2000 | |
| B | 11 | 6 | No Gas | 134.394 | ug/l | 5.7 | 2000 | |
| Na | 23 | 45 | He | 112091.111 | ug/l | 1.6 | 500000 | |
| Mg | 24 | 45 | He | 13194.301 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 137.149 | ug/l | 7.0 | 500000 | |
| K | 39 | 45 | He | 9781.287 | ug/l | 0.3 | 500000 | |
| Ca | 40 | 45 | H2 | 25752.924 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.415 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 1.120 | ug/l | 2.9 | 5000 | |
| Cr | 52 | 45 | He | 0.017 | ug/l | 411.9 | 20000 | |
| Mn | 55 | 45 | He | 359.793 | ug/l | 1.9 | 20000 | |
| Fe | 56 | 45 | H2 | 41103.543 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 0.259 | ug/l | 13.1 | 2000 | |
| Ni | 60 | 45 | He | 0.525 | ug/l | 32.9 | 20000 | |
| Cu | 63 | 45 | He | 1.937 | ug/l | 5.7 | 20000 | |
| Zn | 66 | 45 | He | -3.132 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 3.021 | ug/l | 19.6 | 5000 | |
| Se | 78 | 45 | H2 | 0.204 | ug/l | 23.3 | 3000 | |
| Sr | 88 | 115 | He | 185.208 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 0.600 | ug/l | 6.6 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 183.5 | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.139 | ug/l | 307.4 | 2000 | |
| Sb | 121 | 115 | He | 0.100 | ug/l | 89.6 | 1000 | |
| Ba | 137 | 159 | He | 13.588 | ug/l | 3.9 | 20000 | |
| Tl | 205 | 209 | He | -0.033 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.043 | ug/l | 6.9 | | |
| [Pb] | 207 | 209 | He | 0.048 | ug/l | 50.8 | | |
| Pb | 208 | 209 | He | 0.047 | ug/l | 31.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3338677.76 | 6.1 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5801935.75 | 5.9 | 93.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1802220.44 | 1.3 | 86.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44861.62 | 0.5 | 86.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368685.14 | 1.0 | 92.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31315.10 | 1.6 | 95.1 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69977.18 | 1.1 | 87.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 423200.25 | 0.5 | 91.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 340726.06 | 0.4 | 91.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 063_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:26:32

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 101.905 | ug/l | 3.4 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 239.913 | ug/l | 5.8 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26770.684 | ug/l | 0.4 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26444.167 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25745.249 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25095.045 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24889.871 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 100.163 | ug/l | 4.1 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.102 | ug/l | 2.2 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 101.947 | ug/l | 0.6 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.599 | ug/l | 1.6 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25231.380 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 102.293 | ug/l | 0.9 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 102.186 | ug/l | 2.3 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 102.918 | ug/l | 0.9 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 255.543 | ug/l | 1.9 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.406 | ug/l | 5.5 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 99.615 | ug/l | 1.0 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 98.838 | ug/l | 0.9 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 101.114 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.061 | ug/l | 0.3 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.407 | ug/l | 1.0 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.716 | ug/l | 2.3 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 102.370 | ug/l | 2.3 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.692 | ug/l | 2.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.697 | ug/l | 2.2 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.488 | ug/l | 1.1 | | | | |
| [Pb] | 207 | 209 | He | 100.369 | ug/l | 1.1 | | | | |
| Pb | 208 | 209 | He | 99.827 | ug/l | 1.7 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3293669.88 | 5.8 | 102.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5685905.61 | 4.2 | 91.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1768309.21 | 0.5 | 84.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44702.34 | 0.9 | 86.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358055.49 | 0.9 | 89.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29973.20 | 1.3 | 91.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 69358.98 | 1.1 | 87.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 424799.94 | 1.4 | 92.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 343454.96 | 1.3 | 92.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 064_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:29:03

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiquant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.012 | ug/l | 43.9 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.362 | ug/l | 11.5 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 29.744 | ug/l | 33.9 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.954 | ug/l | 22.0 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -0.545 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 8.006 | ug/l | 140.0 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | -0.248 | ug/l | N/A | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.411 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.072 | ug/l | 47.8 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | 0.091 | ug/l | 71.4 | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.042 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.196 | ug/l | 17.5 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.001 | ug/l | 1220.7 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.008 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.068 | ug/l | 56.4 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.073 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.051 | ug/l | 182.2 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.327 | ug/l | 13.5 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.102 | ug/l | 111.3 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.147 | ug/l | 9.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 94.8 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.082 | ug/l | 258.8 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.091 | ug/l | 89.6 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.060 | ug/l | 81.2 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.016 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.003 | ug/l | 264.0 | | | | |
| [Pb] | 207 | 209 | He | 0.029 | ug/l | 81.8 | | | | |
| Pb | 208 | 209 | He | 0.018 | ug/l | 23.3 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3426960.40 | 2.0 | 106.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6003967.96 | 1.2 | 96.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1771148.06 | 0.4 | 85.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44652.27 | 0.6 | 86.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 343571.39 | 1.4 | 86.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 29866.29 | 0.5 | 90.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 71196.22 | 1.6 | 89.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 424270.23 | 1.1 | 92.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 351447.21 | 0.8 | 94.5 | 70 | 140 | |

# Sample Report

**File Name** 065SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:31:37

**Sample Name** **460-319574-A-7-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.318 | ug/l | 8.7 | 2000 | |
| B | 11 | 6 | No Gas | 23.549 | ug/l | 5.3 | 2000 | |
| Na | 23 | 45 | He | 180.284 | ug/l | 10.2 | 500000 | |
| Mg | 24 | 45 | He | 9880.222 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 41645.584 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 4455.876 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 3142.821 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 544.980 | ug/l | 2.8 | 10000 | |
| V | 51 | 45 | He | 84.180 | ug/l | 1.8 | 5000 | |
| Cr | 52 | 45 | He | 82.228 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 289.080 | ug/l | 2.5 | 20000 | |
| Fe | 56 | 45 | H2 | 83347.105 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 15.832 | ug/l | 3.5 | 2000 | |
| Ni | 60 | 45 | He | 46.705 | ug/l | 4.3 | 20000 | |
| Cu | 63 | 45 | He | 31.741 | ug/l | 3.5 | 20000 | |
| Zn | 66 | 45 | He | 119.461 | ug/l | 3.7 | 20000 | |
| As | 75 | 45 | He | 23.558 | ug/l | 3.6 | 5000 | |
| Se | 78 | 45 | H2 | 0.788 | ug/l | 4.1 | 3000 | |
| Sr | 88 | 115 | He | 31.101 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 2.877 | ug/l | 4.9 | 2000 | |
| Ag | 107 | 115 | He | 0.112 | ug/l | 18.8 | 1000 | |
| Cd | 111 | 115 | He | 0.370 | ug/l | 42.4 | 5000 | |
| Sn | 118 | 115 | He | 10.203 | ug/l | 6.1 | 2000 | |
| Sb | 121 | 115 | He | 1.086 | ug/l | 7.8 | 1000 | |
| Ba | 137 | 159 | He | 116.289 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.286 | ug/l | 5.5 | 1000 | |
| [Pb] | 206 | 209 | He | 30.572 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 29.037 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 29.676 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3250235.85 | 5.0 | 101.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5765312.55 | 4.1 | 92.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1774281.83 | 1.6 | 85.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45788.16 | 1.9 | 88.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364783.56 | 1.4 | 91.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31418.67 | 1.8 | 95.4 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70008.29 | 1.1 | 87.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 426770.19 | 1.0 | 92.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 345474.98 | 0.6 | 92.9 | 70 | 140 | |

# Sample Report

**File Name** 066SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:34:11

**Sample Name** **460-319574-A-8-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.123 | ug/l | 2.9 | 2000 | |
| B | 11 | 6 | No Gas | 12.329 | ug/l | 3.0 | 2000 | |
| Na | 23 | 45 | He | 226.780 | ug/l | 5.5 | 500000 | |
| Mg | 24 | 45 | He | 6937.033 | ug/l | 1.9 | 500000 | |
| Al | 27 | 45 | He | 45241.156 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 2432.191 | ug/l | 2.7 | 500000 | |
| Ca | 40 | 45 | H2 | 4061.299 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 368.164 | ug/l | 2.6 | 10000 | |
| V | 51 | 45 | He | 82.553 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 64.240 | ug/l | 1.4 | 20000 | |
| Mn | 55 | 45 | He | 398.530 | ug/l | 2.1 | 20000 | |
| Fe | 56 | 45 | H2 | 63054.768 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 11.369 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 36.075 | ug/l | 3.2 | 20000 | |
| Cu | 63 | 45 | He | 25.090 | ug/l | 2.2 | 20000 | |
| Zn | 66 | 45 | He | 93.743 | ug/l | 3.3 | 20000 | |
| As | 75 | 45 | He | 21.633 | ug/l | 8.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.976 | ug/l | 21.3 | 3000 | |
| Sr | 88 | 115 | He | 52.472 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 2.371 | ug/l | 5.4 | 2000 | |
| Ag | 107 | 115 | He | 0.139 | ug/l | 14.5 | 1000 | |
| Cd | 111 | 115 | He | 0.234 | ug/l | 19.2 | 5000 | |
| Sn | 118 | 115 | He | 10.483 | ug/l | 6.6 | 2000 | |
| Sb | 121 | 115 | He | 0.848 | ug/l | 15.8 | 1000 | |
| Ba | 137 | 159 | He | 246.043 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.378 | ug/l | 3.3 | 1000 | |
| [Pb] | 206 | 209 | He | 36.475 | ug/l | 0.7 | | |
| [Pb] | 207 | 209 | He | 34.603 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 35.433 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3263340.37 | 2.8 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5872934.91 | 3.5 | 94.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1812713.10 | 0.4 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45919.68 | 1.3 | 88.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369550.41 | 1.0 | 92.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31723.85 | 0.8 | 96.4 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70890.02 | 1.8 | 89.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 428271.32 | 0.9 | 92.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 345652.40 | 1.5 | 93.0 | 70 | 140 | |

# Sample Report

**File Name** 067SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:36:45

**Sample Name** **460-319574-A-9-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.523 | ug/l | 9.3 | 2000 | |
| B | 11 | 6 | No Gas | 13.918 | ug/l | 7.7 | 2000 | |
| Na | 23 | 45 | He | 199.656 | ug/l | 5.0 | 500000 | |
| Mg | 24 | 45 | He | 7395.422 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 44149.690 | ug/l | 0.3 | 500000 | |
| K | 39 | 45 | He | 2731.854 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 3521.220 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 400.940 | ug/l | 3.3 | 10000 | |
| V | 51 | 45 | He | 90.210 | ug/l | 2.8 | 5000 | |
| Cr | 52 | 45 | He | 73.384 | ug/l | 2.1 | 20000 | |
| Mn | 55 | 45 | He | 288.108 | ug/l | 2.6 | 20000 | |
| Fe | 56 | 45 | H2 | 72138.470 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 11.423 | ug/l | 1.6 | 2000 | |
| Ni | 60 | 45 | He | 34.530 | ug/l | 3.5 | 20000 | |
| Cu | 63 | 45 | He | 23.639 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 95.326 | ug/l | 3.9 | 20000 | |
| As | 75 | 45 | He | 30.076 | ug/l | 6.3 | 5000 | |
| Se | 78 | 45 | H2 | 1.513 | ug/l | 9.3 | 3000 | |
| Sr | 88 | 115 | He | 42.270 | ug/l | 2.3 | 5000 | |
| Mo | 95 | 115 | He | 2.686 | ug/l | 7.7 | 2000 | |
| Ag | 107 | 115 | He | 0.084 | ug/l | 7.9 | 1000 | |
| Cd | 111 | 115 | He | 0.102 | ug/l | 50.4 | 5000 | |
| Sn | 118 | 115 | He | 10.068 | ug/l | 2.2 | 2000 | |
| Sb | 121 | 115 | He | 1.603 | ug/l | 11.0 | 1000 | |
| Ba | 137 | 159 | He | 156.867 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.330 | ug/l | 4.4 | 1000 | |
| [Pb] | 206 | 209 | He | 29.101 | ug/l | 2.1 | | |
| [Pb] | 207 | 209 | He | 27.430 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 28.166 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3145341.31 | 6.8 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5789077.06 | 4.8 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1819474.69 | 0.4 | 87.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46221.90 | 1.2 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372523.61 | 0.4 | 93.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31667.09 | 1.1 | 96.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71142.02 | 1.2 | 89.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 430582.63 | 0.9 | 93.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 343530.97 | 0.5 | 92.4 | 70 | 140 | |

# Sample Report

**File Name** 068SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:39:18

**Sample Name** **460-319574-A-10-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3111

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.101 | ug/l | 6.0 | 2000 | |
| B | 11 | 6 | No Gas | 11.575 | ug/l | 14.7 | 2000 | |
| Na | 23 | 45 | He | 205.970 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 6267.157 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 43824.985 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 2331.865 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 3554.680 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 366.899 | ug/l | 2.0 | 10000 | |
| V | 51 | 45 | He | 75.149 | ug/l | 1.6 | 5000 | |
| Cr | 52 | 45 | He | 57.907 | ug/l | 1.5 | 20000 | |
| Mn | 55 | 45 | He | 241.216 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 54726.156 | ug/l | 1.5 | 500000 | |
| Co | 59 | 45 | He | 13.018 | ug/l | 2.4 | 2000 | |
| Ni | 60 | 45 | He | 39.359 | ug/l | 3.5 | 20000 | |
| Cu | 63 | 45 | He | 27.399 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 105.493 | ug/l | 1.7 | 20000 | |
| As | 75 | 45 | He | 16.787 | ug/l | 3.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.887 | ug/l | 26.7 | 3000 | |
| Sr | 88 | 115 | He | 37.572 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 2.052 | ug/l | 6.0 | 2000 | |
| Ag | 107 | 115 | He | 0.118 | ug/l | 24.0 | 1000 | |
| Cd | 111 | 115 | He | 0.093 | ug/l | 81.0 | 5000 | |
| Sn | 118 | 115 | He | 10.478 | ug/l | 3.3 | 2000 | |
| Sb | 121 | 115 | He | 1.031 | ug/l | 5.3 | 1000 | |
| Ba | 137 | 159 | He | 244.879 | ug/l | 1.4 | 20000 | |
| Tl | 205 | 209 | He | 0.414 | ug/l | 7.7 | 1000 | |
| [Pb] | 206 | 209 | He | 28.937 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 27.340 | ug/l | 2.9 | | |
| Pb | 208 | 209 | He | 28.133 | ug/l | 2.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3145930.75 | 5.7 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5758120.54 | 3.0 | 92.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1812713.10 | 0.4 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45672.31 | 0.9 | 88.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 371265.91 | 0.4 | 92.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32181.53 | 0.4 | 97.8 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70846.02 | 1.7 | 89.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 437534.36 | 0.6 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 348971.12 | 1.4 | 93.8 | 70 | 140 | |

# Sample Report

**File Name** 069SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:41:51

**Sample Name** **460-319574-A-11-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3112

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.004 | ug/l | 3.8 | 2000 | |
| B | 11 | 6 | No Gas | 11.987 | ug/l | 2.4 | 2000 | |
| Na | 23 | 45 | He | 208.337 | ug/l | 6.7 | 500000 | |
| Mg | 24 | 45 | He | 6942.348 | ug/l | 2.7 | 500000 | |
| Al | 27 | 45 | He | 36581.093 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 2741.350 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 3074.145 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 414.286 | ug/l | 2.2 | 10000 | |
| V | 51 | 45 | He | 78.301 | ug/l | 0.5 | 5000 | |
| Cr | 52 | 45 | He | 65.919 | ug/l | 2.6 | 20000 | |
| Mn | 55 | 45 | He | 221.068 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 54861.692 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 10.655 | ug/l | 2.7 | 2000 | |
| Ni | 60 | 45 | He | 32.790 | ug/l | 3.0 | 20000 | |
| Cu | 63 | 45 | He | 20.942 | ug/l | 3.1 | 20000 | |
| Zn | 66 | 45 | He | 86.808 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 16.973 | ug/l | 5.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.602 | ug/l | 23.4 | 3000 | |
| Sr | 88 | 115 | He | 35.679 | ug/l | 4.4 | 5000 | |
| Mo | 95 | 115 | He | 1.963 | ug/l | 6.4 | 2000 | |
| Ag | 107 | 115 | He | 0.151 | ug/l | 10.4 | 1000 | |
| Cd | 111 | 115 | He | 0.091 | ug/l | 20.6 | 5000 | |
| Sn | 118 | 115 | He | 10.421 | ug/l | 5.3 | 2000 | |
| Sb | 121 | 115 | He | 0.767 | ug/l | 24.3 | 1000 | |
| Ba | 137 | 159 | He | 149.990 | ug/l | 0.5 | 20000 | |
| Tl | 205 | 209 | He | 0.325 | ug/l | 2.7 | 1000 | |
| [Pb] | 206 | 209 | He | 30.740 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 28.670 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 29.561 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3327147.24 | 2.7 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6094104.01 | 2.9 | 97.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1813863.39 | 0.3 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45829.39 | 1.9 | 88.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375939.85 | 0.7 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32206.11 | 1.3 | 97.8 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 34.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72031.86 | 1.7 | 90.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 436780.96 | 0.9 | 94.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 355444.92 | 0.7 | 95.6 | 70 | 140 | |

# Sample Report

**File Name** 070SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:44:24

**Sample Name** **460-319574-A-12-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.850 | ug/l | 1.7 | 2000 | |
| B | 11 | 6 | No Gas | 12.443 | ug/l | 3.1 | 2000 | |
| Na | 23 | 45 | He | 218.397 | ug/l | 0.8 | 500000 | |
| Mg | 24 | 45 | He | 6212.430 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 47270.795 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 2553.302 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 6683.977 | ug/l | 0.4 | 1000000 | |
| Ti | 47 | 45 | He | 421.702 | ug/l | 1.9 | 10000 | |
| V | 51 | 45 | He | 78.077 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 62.146 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 983.554 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 59367.641 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 14.161 | ug/l | 1.3 | 2000 | |
| Ni | 60 | 45 | He | 39.361 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 53.709 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 156.556 | ug/l | 1.7 | 20000 | |
| As | 75 | 45 | He | 18.373 | ug/l | 1.7 | 5000 | |
| Se | 78 | 45 | H2 | 1.429 | ug/l | 12.7 | 3000 | |
| Sr | 88 | 115 | He | 45.551 | ug/l | 1.3 | 5000 | |
| Mo | 95 | 115 | He | 2.391 | ug/l | 11.4 | 2000 | |
| Ag | 107 | 115 | He | 0.713 | ug/l | 6.9 | 1000 | |
| Cd | 111 | 115 | He | 0.141 | ug/l | 53.3 | 5000 | |
| Sn | 118 | 115 | He | 21.892 | ug/l | 5.3 | 2000 | |
| Sb | 121 | 115 | He | 1.783 | ug/l | 8.1 | 1000 | |
| Ba | 137 | 159 | He | 350.043 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.430 | ug/l | 6.3 | 1000 | |
| [Pb] | 206 | 209 | He | 349.655 | ug/l | 2.1 | | |
| [Pb] | 207 | 209 | He | 314.821 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 328.989 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3330678.32 | 0.9 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6027585.26 | 0.7 | 96.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1813914.97 | 1.4 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46550.88 | 0.5 | 89.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377233.88 | 1.9 | 94.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 32646.02 | 1.4 | 99.2 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72129.15 | 0.6 | 90.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 436502.78 | 0.6 | 94.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 350853.32 | 1.2 | 94.3 | 70 | 140 | |

# Sample Report

**File Name** 071SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:46:58

**Sample Name** **460-319574-A-13-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3202

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.166 | ug/l | 5.7 | 2000 | |
| B | 11 | 6 | No Gas | 13.649 | ug/l | 5.7 | 2000 | |
| Na | 23 | 45 | He | 191.186 | ug/l | 7.4 | 500000 | |
| Mg | 24 | 45 | He | 6378.237 | ug/l | 3.2 | 500000 | |
| Al | 27 | 45 | He | 38770.870 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 2544.497 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 3053.952 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 384.570 | ug/l | 2.7 | 10000 | |
| V | 51 | 45 | He | 78.752 | ug/l | 2.1 | 5000 | |
| Cr | 52 | 45 | He | 63.789 | ug/l | 2.8 | 20000 | |
| Mn | 55 | 45 | He | 201.319 | ug/l | 2.1 | 20000 | |
| Fe | 56 | 45 | H2 | 57097.657 | ug/l | 2.6 | 500000 | |
| Co | 59 | 45 | He | 10.328 | ug/l | 2.6 | 2000 | |
| Ni | 60 | 45 | He | 30.630 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 20.621 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 89.287 | ug/l | 3.6 | 20000 | |
| As | 75 | 45 | He | 16.122 | ug/l | 8.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.717 | ug/l | 17.6 | 3000 | |
| Sr | 88 | 115 | He | 23.590 | ug/l | 5.0 | 5000 | |
| Mo | 95 | 115 | He | 2.517 | ug/l | 7.1 | 2000 | |
| Ag | 107 | 115 | He | 0.077 | ug/l | 36.8 | 1000 | |
| Cd | 111 | 115 | He | 0.142 | ug/l | 64.2 | 5000 | |
| Sn | 118 | 115 | He | 10.388 | ug/l | 1.0 | 2000 | |
| Sb | 121 | 115 | He | 0.876 | ug/l | 13.3 | 1000 | |
| Ba | 137 | 159 | He | 121.131 | ug/l | 3.9 | 20000 | |
| Tl | 205 | 209 | He | 0.371 | ug/l | 8.3 | 1000 | |
| [Pb] | 206 | 209 | He | 56.525 | ug/l | 2.5 | | |
| [Pb] | 207 | 209 | He | 53.614 | ug/l | 1.8 | | |
| Pb | 208 | 209 | He | 55.205 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2983018.15 | 1.4 | 92.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5655229.08 | 0.6 | 90.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1877755.70 | 0.9 | 90.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46420.48 | 1.4 | 89.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381459.52 | 0.7 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32321.96 | 1.5 | 98.2 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 33.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71409.52 | 0.6 | 89.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 435766.61 | 1.2 | 94.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 347704.43 | 0.3 | 93.5 | 70 | 140 | |

# Sample Report

**File Name** 072SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:49:32

**Sample Name** **460-319574-B-14-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3203

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.691 | ug/l | 2.4 | 2000 | |
| B | 11 | 6 | No Gas | 12.500 | ug/l | 8.4 | 2000 | |
| Na | 23 | 45 | He | 219.144 | ug/l | 4.0 | 500000 | |
| Mg | 24 | 45 | He | 6052.152 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 50566.421 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 2304.317 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 4824.816 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 386.479 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 70.625 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 59.750 | ug/l | 3.1 | 20000 | |
| Mn | 55 | 45 | He | 353.956 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 53913.799 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 11.446 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 45.262 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 30.080 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 112.367 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 15.858 | ug/l | 7.0 | 5000 | |
| Se | 78 | 45 | H2 | 1.108 | ug/l | 24.0 | 3000 | |
| Sr | 88 | 115 | He | 40.148 | ug/l | 2.5 | 5000 | |
| Mo | 95 | 115 | He | 2.168 | ug/l | 10.5 | 2000 | |
| Ag | 107 | 115 | He | 0.196 | ug/l | 18.7 | 1000 | |
| Cd | 111 | 115 | He | 0.171 | ug/l | 27.1 | 5000 | |
| Sn | 118 | 115 | He | 11.178 | ug/l | 3.4 | 2000 | |
| Sb | 121 | 115 | He | 0.883 | ug/l | 19.6 | 1000 | |
| Ba | 137 | 159 | He | 279.288 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.404 | ug/l | 2.1 | 1000 | |
| [Pb] | 206 | 209 | He | 46.083 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 42.366 | ug/l | 1.4 | | |
| Pb | 208 | 209 | He | 44.244 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3256343.11 | 2.5 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6010489.42 | 1.8 | 96.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1832857.80 | 1.1 | 87.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46746.97 | 1.1 | 90.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378324.90 | 0.3 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32385.35 | 1.1 | 98.4 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71879.20 | 1.4 | 90.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 432677.67 | 0.1 | 93.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 346791.94 | 1.0 | 93.3 | 70 | 140 | |

# Sample Report

**File Name** 073SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:52:05

**Sample Name** **460-319574-A-16-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3204

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.708 | ug/l | 0.9 | 2000 | |
| B | 11 | 6 | No Gas | 11.777 | ug/l | 8.7 | 2000 | |
| Na | 23 | 45 | He | 213.891 | ug/l | 6.0 | 500000 | |
| Mg | 24 | 45 | He | 6768.469 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 46301.234 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 2478.239 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 3828.914 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 380.052 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 75.687 | ug/l | 4.1 | 5000 | |
| Cr | 52 | 45 | He | 66.188 | ug/l | 2.4 | 20000 | |
| Mn | 55 | 45 | He | 506.966 | ug/l | 3.0 | 20000 | |
| Fe | 56 | 45 | H2 | 62692.689 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 11.739 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 37.387 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 27.938 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 100.215 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 20.096 | ug/l | 9.7 | 5000 | |
| Se | 78 | 45 | H2 | 1.129 | ug/l | 13.1 | 3000 | |
| Sr | 88 | 115 | He | 42.320 | ug/l | 4.4 | 5000 | |
| Mo | 95 | 115 | He | 2.532 | ug/l | 8.0 | 2000 | |
| Ag | 107 | 115 | He | 0.115 | ug/l | 16.6 | 1000 | |
| Cd | 111 | 115 | He | 0.082 | ug/l | 43.6 | 5000 | |
| Sn | 118 | 115 | He | 10.562 | ug/l | 4.6 | 2000 | |
| Sb | 121 | 115 | He | 1.406 | ug/l | 14.5 | 1000 | |
| Ba | 137 | 159 | He | 185.859 | ug/l | 2.8 | 20000 | |
| Tl | 205 | 209 | He | 0.378 | ug/l | 6.8 | 1000 | |
| [Pb] | 206 | 209 | He | 28.345 | ug/l | 2.4 | | |
| [Pb] | 207 | 209 | He | 27.369 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 27.965 | ug/l | 2.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3258518.32 | 4.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6010496.86 | 1.7 | 96.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1837834.97 | 1.0 | 88.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47114.92 | 2.2 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379535.87 | 0.5 | 95.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 32834.28 | 0.8 | 99.7 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 0.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71609.58 | 1.6 | 89.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 434088.97 | 0.5 | 94.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 347714.90 | 1.3 | 93.5 | 70 | 140 | |

# Sample Report

**File Name** 074SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:54:39

**Sample Name** **460-319574-A-17-5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3205

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.261 | ug/l | 4.7 | 2000 | |
| B | 11 | 6 | No Gas | 16.257 | ug/l | 12.4 | 2000 | |
| Na | 23 | 45 | He | 195.973 | ug/l | 6.0 | 500000 | |
| Mg | 24 | 45 | He | 7662.802 | ug/l | 2.8 | 500000 | |
| Al | 27 | 45 | He | 40660.368 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 3323.634 | ug/l | 2.4 | 500000 | |
| Ca | 40 | 45 | H2 | 3002.961 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 431.087 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 78.854 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 71.154 | ug/l | 0.5 | 20000 | |
| Mn | 55 | 45 | He | 292.412 | ug/l | 2.7 | 20000 | |
| Fe | 56 | 45 | H2 | 68499.334 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 14.875 | ug/l | 2.3 | 2000 | |
| Ni | 60 | 45 | He | 37.223 | ug/l | 2.5 | 20000 | |
| Cu | 63 | 45 | He | 21.811 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 99.358 | ug/l | 1.9 | 20000 | |
| As | 75 | 45 | He | 19.454 | ug/l | 1.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.863 | ug/l | 35.9 | 3000 | |
| Sr | 88 | 115 | He | 28.485 | ug/l | 2.8 | 5000 | |
| Mo | 95 | 115 | He | 2.376 | ug/l | 3.0 | 2000 | |
| Ag | 107 | 115 | He | 0.085 | ug/l | 21.7 | 1000 | |
| Cd | 111 | 115 | He | 0.101 | ug/l | 77.8 | 5000 | |
| Sn | 118 | 115 | He | 10.776 | ug/l | 3.7 | 2000 | |
| Sb | 121 | 115 | He | 0.991 | ug/l | 11.3 | 1000 | |
| Ba | 137 | 159 | He | 115.125 | ug/l | 1.8 | 20000 | |
| Tl | 205 | 209 | He | 0.333 | ug/l | 6.8 | 1000 | |
| [Pb] | 206 | 209 | He | 24.630 | ug/l | 3.1 | | |
| [Pb] | 207 | 209 | He | 23.140 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 24.102 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3076140.58 | 5.2 | 95.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5847703.80 | 4.6 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1883691.43 | 0.7 | 90.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46959.80 | 1.2 | 90.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379203.98 | 1.1 | 94.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32521.27 | 1.2 | 98.8 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71812.08 | 0.7 | 90.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 436302.24 | 1.2 | 94.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 350273.54 | 0.6 | 94.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 075_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:57:12

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 103.703 | ug/l | 5.0 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 231.629 | ug/l | 8.5 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26725.389 | ug/l | 1.4 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26146.634 | ug/l | 1.9 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25649.892 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25328.913 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24781.943 | ug/l | 2.4 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 101.580 | ug/l | 5.8 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.712 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 103.614 | ug/l | 1.1 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 102.695 | ug/l | 0.9 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25209.621 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 104.296 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 104.302 | ug/l | 1.4 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 104.311 | ug/l | 0.8 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 251.593 | ug/l | 0.5 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.972 | ug/l | 1.4 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 102.327 | ug/l | 4.0 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.519 | ug/l | 2.1 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 100.726 | ug/l | 3.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.103 | ug/l | 0.9 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 100.587 | ug/l | 2.9 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 102.410 | ug/l | 1.4 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 103.124 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.654 | ug/l | 0.5 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 100.308 | ug/l | 1.4 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.096 | ug/l | 2.6 | | | | |
| [Pb] | 207 | 209 | He | 100.068 | ug/l | 1.4 | | | | |
| Pb | 208 | 209 | He | 100.407 | ug/l | 1.7 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3184365.86 | 5.5 | 99.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5931598.38 | 4.2 | 95.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1870205.11 | 1.2 | 89.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47039.14 | 0.6 | 90.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377448.66 | 1.8 | 94.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31975.58 | 0.8 | 97.1 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 73121.87 | 0.6 | 91.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 437610.99 | 0.8 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 350589.65 | 1.4 | 94.3 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 076_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 12:59:43

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.011 | ug/l | 25.9 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.730 | ug/l | 26.3 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 6.834 | ug/l | 106.1 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.624 | ug/l | 90.4 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.714 | ug/l | 202.0 | 40 | -40 | 40 | |
| K | 39 | 45 | He | -1.990 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | -1.294 | ug/l | N/A | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.657 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.004 | ug/l | 1081.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.170 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.066 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 3.002 | ug/l | 9.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.010 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.191 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.049 | ug/l | 52.6 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.736 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.039 | ug/l | 221.5 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.335 | ug/l | 19.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.075 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.166 | ug/l | 35.3 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 63.7 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.090 | ug/l | 47.1 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.039 | ug/l | 203.1 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.101 | ug/l | 81.8 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.014 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.024 | ug/l | 31.6 | | | | |
| [Pb] | 207 | 209 | He | 0.027 | ug/l | 94.3 | | | | |
| Pb | 208 | 209 | He | 0.017 | ug/l | 56.8 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3135225.58 | 8.7 | 97.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5904245.12 | 5.7 | 94.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1860095.89 | 2.6 | 89.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47834.09 | 1.3 | 92.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 360064.30 | 0.3 | 90.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30919.75 | 0.7 | 93.9 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |
| In-1 | 115 | He | 74481.33 | 2.1 | 93.6 | 70 | 140 | |

## Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 438324.05 | 1.0 | 95.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 358971.95 | 1.3 | 96.5 | 70 | 140 | |

# Sample Report

**File Name** 077SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:02:18

**Sample Name** **460-319863-E-1-F**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3511

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.562 | ug/l | 7.5 | 2000 | |
| B | 11 | 6 | No Gas | 28.764 | ug/l | 3.9 | 2000 | |
| Na | 23 | 45 | He | 1176.798 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 8152.253 | ug/l | 3.0 | 500000 | |
| Al | 27 | 45 | He | 63155.263 | ug/l | 0.9 | 500000 | |
| K | 39 | 45 | He | 5775.083 | ug/l | 3.1 | 500000 | |
| Ca | 40 | 45 | H2 | 21602.988 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | 879.555 | ug/l | 3.0 | 10000 | |
| V | 51 | 45 | He | 191.015 | ug/l | 2.5 | 5000 | |
| Cr | 52 | 45 | He | 123.000 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 721.885 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 87843.752 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 28.530 | ug/l | 3.2 | 2000 | |
| Ni | 60 | 45 | He | 45.052 | ug/l | 2.8 | 20000 | |
| Cu | 63 | 45 | He | 65.424 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 163.339 | ug/l | 2.4 | 20000 | |
| As | 75 | 45 | He | 34.050 | ug/l | 3.1 | 5000 | |
| Se | 78 | 45 | H2 | 1.497 | ug/l | 19.6 | 3000 | |
| Sr | 88 | 115 | He | 128.951 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 2.509 | ug/l | 9.6 | 2000 | |
| Ag | 107 | 115 | He | 0.091 | ug/l | 5.4 | 1000 | |
| Cd | 111 | 115 | He | 0.121 | ug/l | 15.5 | 5000 | |
| Sn | 118 | 115 | He | 11.966 | ug/l | 2.2 | 2000 | |
| Sb | 121 | 115 | He | 0.904 | ug/l | 23.7 | 1000 | |
| Ba | 137 | 159 | He | 215.932 | ug/l | 2.7 | 20000 | |
| Tl | 205 | 209 | He | 0.338 | ug/l | 3.8 | 1000 | |
| [Pb] | 206 | 209 | He | 49.601 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 46.546 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 48.472 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3328308.60 | 4.9 | 103.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6267743.93 | 3.1 | 100.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1898600.89 | 1.1 | 91.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48104.91 | 1.6 | 92.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 383391.88 | 0.8 | 96.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 32539.09 | 0.4 | 98.8 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 132.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71849.92 | 1.4 | 90.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 440501.90 | 1.0 | 95.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 347921.79 | 0.8 | 93.6 | 70 | 140 | |

# Sample Report

**File Name** 078SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:04:51

**Sample Name** **460-319863-A-3-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3512

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 4.946 | ug/l | 10.3 | 2000 | |
| B | 11 | 6 | No Gas | 569.105 | ug/l | 4.5 | 2000 | |
| Na | 23 | 45 | He | 688.463 | ug/l | 5.1 | 500000 | |
| Mg | 24 | 45 | He | 10995.561 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 56715.947 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 14193.041 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 18418.232 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 1100.925 | ug/l | 1.3 | 10000 | |
| V | 51 | 45 | He | 306.244 | ug/l | 0.2 | 5000 | |
| Cr | 52 | 45 | He | 367.168 | ug/l | 1.5 | 20000 | |
| Mn | 55 | 45 | He | 837.269 | ug/l | 0.2 | 20000 | |
| Fe | 56 | 45 | H2 | 192790.902 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 23.914 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 40.412 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 113.257 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 198.034 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | 64.432 | ug/l | 6.5 | 5000 | |
| Se | 78 | 45 | H2 | 2.235 | ug/l | 8.9 | 3000 | |
| Sr | 88 | 115 | He | 125.285 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 30.341 | ug/l | 0.9 | 2000 | |
| Ag | 107 | 115 | He | 0.095 | ug/l | 24.4 | 1000 | |
| Cd | 111 | 115 | He | 0.202 | ug/l | 43.4 | 5000 | |
| Sn | 118 | 115 | He | 16.184 | ug/l | 0.9 | 2000 | |
| Sb | 121 | 115 | He | 2.558 | ug/l | 2.1 | 1000 | |
| Ba | 137 | 159 | He | 168.679 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 0.357 | ug/l | 6.7 | 1000 | |
| [Pb] | 206 | 209 | He | 102.163 | ug/l | 2.9 | | |
| [Pb] | 207 | 209 | He | 97.774 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 99.702 | ug/l | 2.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3149733.04 | 5.5 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6102762.34 | 4.6 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1911018.03 | 1.2 | 91.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48046.96 | 1.1 | 92.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380923.81 | 0.6 | 95.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32826.49 | 1.3 | 99.7 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 83.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71665.32 | 1.2 | 90.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 435550.92 | 0.8 | 94.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 348084.24 | 1.4 | 93.6 | 70 | 140 | |

# Sample Report

**File Name** 079SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:07:25

**Sample Name** **460-319574-A-18-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3206

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.493 | ug/l | 13.5 | 2000 | |
| B | 11 | 6 | No Gas | 18.507 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 241.637 | ug/l | 2.9 | 500000 | |
| Mg | 24 | 45 | He | 6315.595 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 45813.254 | ug/l | 1.5 | 500000 | |
| K | 39 | 45 | He | 2936.629 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 5799.011 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 415.317 | ug/l | 2.0 | 10000 | |
| V | 51 | 45 | He | 79.085 | ug/l | 0.4 | 5000 | |
| Cr | 52 | 45 | He | 156.013 | ug/l | 0.8 | 20000 | |
| Mn | 55 | 45 | He | 1162.217 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 54981.464 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 12.010 | ug/l | 2.0 | 2000 | |
| Ni | 60 | 45 | He | 38.620 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 38.839 | ug/l | 2.2 | 20000 | |
| Zn | 66 | 45 | He | 139.875 | ug/l | 0.5 | 20000 | |
| As | 75 | 45 | He | 16.849 | ug/l | 6.2 | 5000 | |
| Se | 78 | 45 | H2 | 1.184 | ug/l | 21.3 | 3000 | |
| Sr | 88 | 115 | He | 103.014 | ug/l | 2.4 | 5000 | |
| Mo | 95 | 115 | He | 2.107 | ug/l | 11.5 | 2000 | |
| Ag | 107 | 115 | He | 0.494 | ug/l | 13.8 | 1000 | |
| Cd | 111 | 115 | He | 0.261 | ug/l | 6.8 | 5000 | |
| Sn | 118 | 115 | He | 16.820 | ug/l | 3.0 | 2000 | |
| Sb | 121 | 115 | He | 1.172 | ug/l | 18.1 | 1000 | |
| Ba | 137 | 159 | He | 1678.889 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.384 | ug/l | 2.9 | 1000 | |
| [Pb] | 206 | 209 | He | 904.562 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 848.902 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 931.817 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3119721.90 | 7.8 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5957381.99 | 4.3 | 95.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1863790.08 | 1.8 | 89.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46976.56 | 1.4 | 90.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381232.99 | 0.9 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 32748.55 | 1.7 | 99.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71699.31 | 0.6 | 90.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 438934.71 | 1.6 | 95.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 353442.28 | 0.0 | 95.0 | 70 | 140 | |

# Sample Report

**File Name** 080SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:09:58

**Sample Name** **460-319574-A-19-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3207

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.206 | ug/l | 5.8 | 2000 | |
| B | 11 | 6 | No Gas | 12.573 | ug/l | 1.5 | 2000 | |
| Na | 23 | 45 | He | 215.272 | ug/l | 6.1 | 500000 | |
| Mg | 24 | 45 | He | 7103.692 | ug/l | 2.7 | 500000 | |
| Al | 27 | 45 | He | 40942.443 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 2684.547 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 2390.076 | ug/l | 2.6 | 1000000 | |
| Ti | 47 | 45 | He | 394.138 | ug/l | 2.2 | 10000 | |
| V | 51 | 45 | He | 90.061 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 79.038 | ug/l | 0.8 | 20000 | |
| Mn | 55 | 45 | He | 926.843 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 54334.820 | ug/l | 2.9 | 500000 | |
| Co | 59 | 45 | He | 10.654 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 29.529 | ug/l | 2.2 | 20000 | |
| Cu | 63 | 45 | He | 19.275 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | 77.406 | ug/l | 3.7 | 20000 | |
| As | 75 | 45 | He | 17.103 | ug/l | 6.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.908 | ug/l | 11.1 | 3000 | |
| Sr | 88 | 115 | He | 34.988 | ug/l | 4.8 | 5000 | |
| Mo | 95 | 115 | He | 2.393 | ug/l | 3.3 | 2000 | |
| Ag | 107 | 115 | He | 0.092 | ug/l | 6.9 | 1000 | |
| Cd | 111 | 115 | He | 0.122 | ug/l | 36.9 | 5000 | |
| Sn | 118 | 115 | He | 10.333 | ug/l | 4.7 | 2000 | |
| Sb | 121 | 115 | He | 0.747 | ug/l | 5.3 | 1000 | |
| Ba | 137 | 159 | He | 261.340 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.360 | ug/l | 8.1 | 1000 | |
| [Pb] | 206 | 209 | He | 56.672 | ug/l | 0.1 | | |
| [Pb] | 207 | 209 | He | 53.270 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 55.114 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3217147.59 | 1.6 | 100.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6049080.12 | 1.6 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1871716.73 | 2.3 | 89.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47328.84 | 1.6 | 91.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382323.00 | 1.2 | 95.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32951.20 | 1.4 | 100.1 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71532.14 | 0.7 | 89.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 440167.59 | 0.8 | 95.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 350671.61 | 0.8 | 94.3 | 70 | 140 | |

# Sample Report

**File Name** 081SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:12:32

**Sample Name** **460-319640-E-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3208

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 9.148 | ug/l | 7.0 | 2000 | |
| B | 11 | 6 | No Gas | 19.310 | ug/l | 1.6 | 2000 | |
| Na | 23 | 45 | He | 12379.716 | ug/l | 0.7 | 500000 | |
| Mg | 24 | 45 | He | 76098.489 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 199927.422 | ug/l | 2.1 | 500000 | |
| K | 39 | 45 | He | 10378.565 | ug/l | 0.3 | 500000 | |
| Ca | 40 | 45 | H2 | 19774.507 | ug/l | 3.7 | 1000000 | |
| Ti | 47 | 45 | He | 1119.435 | ug/l | 1.1 | 10000 | |
| V | 51 | 45 | He | 425.960 | ug/l | 0.8 | 5000 | |
| Cr | 52 | 45 | He | 326.247 | ug/l | 1.1 | 20000 | |
| Mn | 55 | 45 | He | 6255.433 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 529288.382 | ug/l | 2.4 | 500000 | >LDR 6020B□>LDR 200.8 |
| Co | 59 | 45 | He | 156.829 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 328.951 | ug/l | 2.6 | 20000 | |
| Cu | 63 | 45 | He | 311.433 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 972.343 | ug/l | 2.1 | 20000 | |
| As | 75 | 45 | He | 21.301 | ug/l | 2.7 | 5000 | |
| Se | 78 | 45 | H2 | 1.833 | ug/l | 9.0 | 3000 | |
| Sr | 88 | 115 | He | 290.690 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 3.381 | ug/l | 1.5 | 2000 | |
| Ag | 107 | 115 | He | 0.219 | ug/l | 8.2 | 1000 | |
| Cd | 111 | 115 | He | 0.534 | ug/l | 24.6 | 5000 | |
| Sn | 118 | 115 | He | 16.530 | ug/l | 1.5 | 2000 | |
| Sb | 121 | 115 | He | 0.534 | ug/l | 12.3 | 1000 | |
| Ba | 137 | 159 | He | 14590.019 | ug/l | 1.2 | 20000 | |
| Tl | 205 | 209 | He | 0.764 | ug/l | 4.4 | 1000 | |
| [Pb] | 206 | 209 | He | 367.398 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 353.789 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 362.295 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2976321.52 | 3.0 | 92.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6147056.65 | 2.9 | 98.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1970582.07 | 2.3 | 94.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50099.83 | 0.8 | 96.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375098.01 | 1.1 | 93.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32890.01 | 0.4 | 99.9 | 70 | 140 | |
| Kr | 83 | He | 90.09 | 11.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69910.45 | 0.6 | 87.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 456569.01 | 1.5 | 99.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 340866.90 | 0.8 | 91.7 | 70 | 140 | |

# Sample Report

**File Name** 082SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:15:41

**Sample Name** **460-320105-A-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3206

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 3.421 | ug/l | 2.9 | 2000 | |
| B | 11 | 6 | No Gas | 17.580 | ug/l | 6.9 | 2000 | |
| Na | 23 | 45 | He | 654.415 | ug/l | 5.0 | 500000 | |
| Mg | 24 | 45 | He | 13565.517 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 63989.076 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 3144.863 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 15497.376 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 1100.153 | ug/l | 2.6 | 10000 | |
| V | 51 | 45 | He | 212.133 | ug/l | 0.8 | 5000 | |
| Cr | 52 | 45 | He | 142.722 | ug/l | 1.4 | 20000 | |
| Mn | 55 | 45 | He | 1473.793 | ug/l | 0.7 | 20000 | |
| Fe | 56 | 45 | H2 | 80913.070 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 33.852 | ug/l | 2.4 | 2000 | |
| Ni | 60 | 45 | He | 97.801 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 194.566 | ug/l | 0.1 | 20000 | |
| Zn | 66 | 45 | He | 610.215 | ug/l | 1.2 | 20000 | |
| As | 75 | 45 | He | 75.586 | ug/l | 4.0 | 5000 | |
| Se | 78 | 45 | H2 | 4.422 | ug/l | 2.9 | 3000 | |
| Sr | 88 | 115 | He | 94.900 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 5.286 | ug/l | 1.4 | 2000 | |
| Ag | 107 | 115 | He | 1.804 | ug/l | 2.6 | 1000 | |
| Cd | 111 | 115 | He | 3.096 | ug/l | 9.1 | 5000 | |
| Sn | 118 | 115 | He | 27.338 | ug/l | 4.5 | 2000 | |
| Sb | 121 | 115 | He | 2.791 | ug/l | 6.2 | 1000 | |
| Ba | 137 | 159 | He | 516.840 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | 0.903 | ug/l | 8.5 | 1000 | |
| [Pb] | 206 | 209 | He | 497.495 | ug/l | 2.1 | | |
| [Pb] | 207 | 209 | He | 477.170 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 484.362 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3307481.72 | 5.1 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5952437.55 | 2.9 | 95.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1802574.38 | 1.0 | 86.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45295.40 | 0.6 | 87.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 366187.98 | 0.7 | 91.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 31433.27 | 1.4 | 95.5 | 70 | 140 | |
| Kr | 83 | He | 43.38 | 74.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69531.31 | 0.9 | 87.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 437253.61 | 0.6 | 94.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 348619.55 | 0.8 | 93.7 | 70 | 140 | |

# Sample Report

**File Name** 083SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:18:15

**Sample Name** **460-320105-A-5-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3207

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.920 | ug/l | 8.3 | 2000 | |
| B | 11 | 6 | No Gas | 26.097 | ug/l | 2.5 | 2000 | |
| Na | 23 | 45 | He | 762.060 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 12749.698 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 56267.324 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 3567.111 | ug/l | 3.1 | 500000 | |
| Ca | 40 | 45 | H2 | 23797.897 | ug/l | 2.0 | 1000000 | |
| Ti | 47 | 45 | He | 1141.929 | ug/l | 2.1 | 10000 | |
| V | 51 | 45 | He | 193.647 | ug/l | 0.6 | 5000 | |
| Cr | 52 | 45 | He | 130.137 | ug/l | 1.1 | 20000 | |
| Mn | 55 | 45 | He | 1618.003 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 69143.860 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 28.642 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 86.720 | ug/l | 1.2 | 20000 | |
| Cu | 63 | 45 | He | 176.719 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 608.225 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | 52.922 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 3.898 | ug/l | 5.3 | 3000 | |
| Sr | 88 | 115 | He | 118.962 | ug/l | 2.6 | 5000 | |
| Mo | 95 | 115 | He | 5.920 | ug/l | 3.1 | 2000 | |
| Ag | 107 | 115 | He | 1.682 | ug/l | 5.1 | 1000 | |
| Cd | 111 | 115 | He | 5.290 | ug/l | 5.3 | 5000 | |
| Sn | 118 | 115 | He | 26.869 | ug/l | 4.7 | 2000 | |
| Sb | 121 | 115 | He | 2.977 | ug/l | 5.4 | 1000 | |
| Ba | 137 | 159 | He | 472.648 | ug/l | 2.1 | 20000 | |
| Tl | 205 | 209 | He | 0.766 | ug/l | 3.1 | 1000 | |
| [Pb] | 206 | 209 | He | 453.083 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | 430.008 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 438.635 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3273910.06 | 4.8 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5840150.75 | 5.0 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1794124.23 | 1.8 | 86.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45747.04 | 1.5 | 88.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 363419.24 | 1.0 | 91.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31604.69 | 0.6 | 96.0 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 68.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69209.26 | 0.9 | 86.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 436845.16 | 1.8 | 94.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 348456.39 | 1.1 | 93.7 | 70 | 140 | |

# Sample Report

**File Name** 084SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:20:50

**Sample Name** **460-320105-A-6-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3208

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.707 | ug/l | 10.9 | 2000 | |
| B | 11 | 6 | No Gas | 18.516 | ug/l | 2.1 | 2000 | |
| Na | 23 | 45 | He | 543.774 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 10770.199 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 51105.209 | ug/l | 0.2 | 500000 | |
| K | 39 | 45 | He | 2441.424 | ug/l | 2.5 | 500000 | |
| Ca | 40 | 45 | H2 | 7737.295 | ug/l | 0.1 | 1000000 | |
| Ti | 47 | 45 | He | 1180.027 | ug/l | 3.7 | 10000 | |
| V | 51 | 45 | He | 171.573 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 109.814 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 661.254 | ug/l | 2.3 | 20000 | |
| Fe | 56 | 45 | H2 | 67184.265 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 29.346 | ug/l | 2.4 | 2000 | |
| Ni | 60 | 45 | He | 93.681 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 172.932 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 498.250 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 53.767 | ug/l | 6.3 | 5000 | |
| Se | 78 | 45 | H2 | 3.047 | ug/l | 8.2 | 3000 | |
| Sr | 88 | 115 | He | 57.078 | ug/l | 2.6 | 5000 | |
| Mo | 95 | 115 | He | 4.822 | ug/l | 3.4 | 2000 | |
| Ag | 107 | 115 | He | 1.443 | ug/l | 4.8 | 1000 | |
| Cd | 111 | 115 | He | 1.373 | ug/l | 8.4 | 5000 | |
| Sn | 118 | 115 | He | 42.089 | ug/l | 2.3 | 2000 | |
| Sb | 121 | 115 | He | 1.875 | ug/l | 2.3 | 1000 | |
| Ba | 137 | 159 | He | 329.832 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.517 | ug/l | 2.0 | 1000 | |
| [Pb] | 206 | 209 | He | 444.098 | ug/l | 0.7 | | |
| [Pb] | 207 | 209 | He | 430.545 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 436.723 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3258471.13 | 4.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5870363.04 | 4.3 | 94.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1807839.14 | 2.2 | 86.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46499.53 | 1.3 | 89.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372451.48 | 0.6 | 93.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31865.28 | 1.5 | 96.8 | 70 | 140 | |
| Kr | 83 | He | 60.06 | 60.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70384.28 | 0.7 | 88.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 437803.45 | 1.6 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 352844.55 | 1.1 | 94.9 | 70 | 140 | |

# Sample Report

**File Name** 085SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:23:23

**Sample Name** **460-320105-A-7-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3209

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.086 | ug/l | 3.1 | 2000 | |
| B | 11 | 6 | No Gas | 20.338 | ug/l | 4.2 | 2000 | |
| Na | 23 | 45 | He | 925.763 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 11974.183 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 44946.590 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 5287.646 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 16644.824 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 1165.093 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 167.031 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 109.025 | ug/l | 0.9 | 20000 | |
| Mn | 55 | 45 | He | 924.473 | ug/l | 0.6 | 20000 | |
| Fe | 56 | 45 | H2 | 64720.655 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 25.955 | ug/l | 0.2 | 2000 | |
| Ni | 60 | 45 | He | 70.973 | ug/l | 3.0 | 20000 | |
| Cu | 63 | 45 | He | 150.629 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 481.584 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | 35.064 | ug/l | 3.9 | 5000 | |
| Se | 78 | 45 | H2 | 2.784 | ug/l | 7.0 | 3000 | |
| Sr | 88 | 115 | He | 87.449 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 4.418 | ug/l | 3.7 | 2000 | |
| Ag | 107 | 115 | He | 1.541 | ug/l | 1.5 | 1000 | |
| Cd | 111 | 115 | He | 1.790 | ug/l | 24.2 | 5000 | |
| Sn | 118 | 115 | He | 24.433 | ug/l | 5.8 | 2000 | |
| Sb | 121 | 115 | He | 2.436 | ug/l | 4.5 | 1000 | |
| Ba | 137 | 159 | He | 352.274 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.535 | ug/l | 2.3 | 1000 | |
| [Pb] | 206 | 209 | He | 443.995 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 427.165 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 435.651 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3222399.99 | 3.9 | 100.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5899197.34 | 3.5 | 94.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1811806.15 | 1.4 | 86.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46364.56 | 1.1 | 89.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370001.89 | 0.6 | 92.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 31983.30 | 1.3 | 97.2 | 70 | 140 | |
| Kr | 83 | He | 56.72 | 20.4 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69648.78 | 0.8 | 87.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 436040.62 | 0.5 | 94.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 348326.46 | 0.6 | 93.7 | 70 | 140 | |

# Sample Report

**File Name** 086SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:25:58

**Sample Name** **460-319424-F-5-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.820 | ug/l | 5.2 | 2000 | |
| B | 11 | 6 | No Gas | 7.348 | ug/l | 16.4 | 2000 | |
| Na | 23 | 45 | He | 949.894 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 41878.198 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 48197.439 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 9643.097 | ug/l | 2.9 | 500000 | |
| Ca | 40 | 45 | H2 | 30323.575 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 4398.688 | ug/l | 1.2 | 10000 | |
| V | 51 | 45 | He | 171.374 | ug/l | 2.7 | 5000 | |
| Cr | 52 | 45 | He | 156.592 | ug/l | 0.4 | 20000 | |
| Mn | 55 | 45 | He | 1484.110 | ug/l | 2.6 | 20000 | |
| Fe | 56 | 45 | H2 | 81746.647 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 50.569 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 113.818 | ug/l | 2.6 | 20000 | |
| Cu | 63 | 45 | He | 162.692 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 299.138 | ug/l | 1.8 | 20000 | |
| As | 75 | 45 | He | 12.883 | ug/l | 2.4 | 5000 | |
| Se | 78 | 45 | H2 | 4.848 | ug/l | 4.4 | 3000 | |
| Sr | 88 | 115 | He | 52.815 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 2.073 | ug/l | 6.9 | 2000 | |
| Ag | 107 | 115 | He | 0.128 | ug/l | 5.8 | 1000 | |
| Cd | 111 | 115 | He | 0.266 | ug/l | 24.2 | 5000 | |
| Sn | 118 | 115 | He | 12.813 | ug/l | 7.2 | 2000 | |
| Sb | 121 | 115 | He | 0.158 | ug/l | 55.7 | 1000 | |
| Ba | 137 | 159 | He | 204.658 | ug/l | 0.5 | 20000 | |
| Tl | 205 | 209 | He | 0.690 | ug/l | 1.3 | 1000 | |
| [Pb] | 206 | 209 | He | 34.857 | ug/l | 2.8 | | |
| [Pb] | 207 | 209 | He | 32.155 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 33.337 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3156376.59 | 7.7 | 98.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5935304.84 | 4.5 | 95.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1879407.39 | 1.1 | 90.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46779.26 | 0.8 | 90.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373490.96 | 1.1 | 93.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32181.60 | 0.8 | 97.8 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 33.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70450.87 | 1.4 | 88.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 438498.42 | 0.0 | 95.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 346568.14 | 0.8 | 93.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 087_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:28:30

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 99.479 | ug/l | 6.7 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 234.764 | ug/l | 9.3 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26885.097 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26271.495 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25748.360 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25619.065 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24398.229 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 111.643 | ug/l | 5.9 | 100 | 90 | 110 | failed |
| V | 51 | 45 | He | 103.714 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 104.704 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 103.377 | ug/l | 2.3 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24957.329 | ug/l | 2.0 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 106.437 | ug/l | 0.5 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 105.083 | ug/l | 1.8 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 106.858 | ug/l | 0.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 265.642 | ug/l | 0.3 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 105.555 | ug/l | 1.2 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 100.032 | ug/l | 3.3 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.950 | ug/l | 1.9 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 101.179 | ug/l | 1.8 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.314 | ug/l | 1.9 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 102.307 | ug/l | 2.4 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.334 | ug/l | 1.9 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.378 | ug/l | 1.2 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.129 | ug/l | 2.7 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.184 | ug/l | 0.5 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.102 | ug/l | 1.3 | | | | |
| [Pb] | 207 | 209 | He | 98.949 | ug/l | 0.6 | | | | |
| Pb | 208 | 209 | He | 99.468 | ug/l | 1.0 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3290168.25 | 8.7 | 102.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5943307.55 | 5.6 | 95.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1851070.60 | 3.4 | 88.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45673.40 | 0.5 | 88.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370375.58 | 0.3 | 92.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31580.20 | 0.5 | 95.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 71996.37 | 0.5 | 90.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 438896.34 | 0.9 | 95.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 352987.01 | 1.0 | 94.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 088_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:31:01

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.012 | ug/l | 61.8 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.144 | ug/l | 33.7 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -2.594 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.710 | ug/l | 27.8 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -0.608 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | -11.235 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 0.875 | ug/l | 145.4 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.384 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.014 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.243 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.078 | ug/l | 60.7 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 12.417 | ug/l | 16.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.001 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.276 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.059 | ug/l | 170.7 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.083 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.133 | ug/l | 3.9 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.200 | ug/l | 21.4 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.113 | ug/l | 62.8 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.145 | ug/l | 90.0 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 513.4 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 1216.7 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.017 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.060 | ug/l | 100.9 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.054 | ug/l | 88.9 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.007 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.072 | ug/l | 70.0 | | | | |
| [Pb] | 207 | 209 | He | 0.081 | ug/l | 31.3 | | | | |
| Pb | 208 | 209 | He | 0.073 | ug/l | 24.3 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3272501.06 | 6.6 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5988942.90 | 3.9 | 96.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1830712.05 | 1.4 | 87.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46570.86 | 2.0 | 89.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 355676.91 | 0.2 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30434.15 | 0.7 | 92.4 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |
| In-1 | 115 | He | 73467.48 | 0.9 | 92.3 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 437660.01 | 1.8 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 361726.94 | 1.1 | 97.3 | 70 | 140 | |

# Sample Report

**File Name** 089SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:33:35

**Sample Name** **MB 460-1020074/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.004 | ug/l | 321.8 | 2000 | |
| B | 11 | 6 | No Gas | 0.712 | ug/l | 45.2 | 2000 | |
| Na | 23 | 45 | He | -1.705 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 1.139 | ug/l | 68.5 | 500000 | |
| Al | 27 | 45 | He | 0.152 | ug/l | 2102.6 | 500000 | |
| K | 39 | 45 | He | -3.910 | ug/l | N/A | 500000 | |
| Ca | 40 | 45 | H2 | 0.267 | ug/l | 444.8 | 1000000 | |
| Ti | 47 | 45 | He | -0.146 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.002 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.134 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.057 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 5.951 | ug/l | 9.9 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.220 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.002 | ug/l | 2863.7 | 20000 | |
| Zn | 66 | 45 | He | -6.473 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.135 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.074 | ug/l | 81.7 | 3000 | |
| Sr | 88 | 115 | He | -0.017 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.059 | ug/l | 19.3 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 267.5 | 1000 | |
| Cd | 111 | 115 | He | -0.008 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.011 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.011 | ug/l | 684.4 | 1000 | |
| Ba | 137 | 159 | He | 0.054 | ug/l | 149.7 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.064 | ug/l | 77.7 | | |
| [Pb] | 207 | 209 | He | 0.036 | ug/l | 86.5 | | |
| Pb | 208 | 209 | He | 0.047 | ug/l | 39.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3197340.58 | 5.9 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5915807.00 | 4.2 | 95.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1799248.86 | 1.4 | 86.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46631.09 | 0.3 | 89.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 355278.17 | 0.5 | 88.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30455.41 | 0.5 | 92.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72267.57 | 1.6 | 90.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 437727.06 | 1.3 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 358451.53 | 1.9 | 96.4 | 70 | 140 | |

# Sample Report

**File Name** 090SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:36:10

**Sample Name** **LCSSRM 460-1020074/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 528.333 | ug/l | 6.1 | 2000 | |
| B | 11 | 6 | No Gas | 453.961 | ug/l | 5.6 | 2000 | |
| Na | 23 | 45 | He | 1309.794 | ug/l | 1.5 | 500000 | |
| Mg | 24 | 45 | He | 5757.401 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 17819.163 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 6204.284 | ug/l | 1.9 | 500000 | |
| Ca | 40 | 45 | H2 | 16812.494 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 556.334 | ug/l | 1.7 | 10000 | |
| V | 51 | 45 | He | 567.393 | ug/l | 0.8 | 5000 | |
| Cr | 52 | 45 | He | 737.660 | ug/l | 0.5 | 20000 | |
| Mn | 55 | 45 | He | 854.032 | ug/l | 0.1 | 20000 | |
| Fe | 56 | 45 | H2 | 20205.033 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 463.851 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 1002.317 | ug/l | 0.6 | 20000 | |
| Cu | 63 | 45 | He | 677.146 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 774.000 | ug/l | 0.9 | 20000 | |
| As | 75 | 45 | He | 792.044 | ug/l | 0.3 | 5000 | |
| Se | 78 | 45 | H2 | 916.169 | ug/l | 0.8 | 3000 | |
| Sr | 88 | 115 | He | 305.067 | ug/l | 1.3 | 5000 | |
| Mo | 95 | 115 | He | 298.097 | ug/l | 0.5 | 2000 | |
| Ag | 107 | 115 | He | 248.917 | ug/l | 0.8 | 1000 | |
| Cd | 111 | 115 | He | 287.639 | ug/l | 1.5 | 5000 | |
| Sn | 118 | 115 | He | 283.390 | ug/l | 0.9 | 2000 | |
| Sb | 121 | 115 | He | 273.035 | ug/l | 1.0 | 1000 | |
| Ba | 137 | 159 | He | 978.872 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 401.993 | ug/l | 8.1 | 1000 | |
| [Pb] | 206 | 209 | He | 629.818 | ug/l | 1.9 | | |
| [Pb] | 207 | 209 | He | 604.559 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 647.009 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3302264.67 | 6.2 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5960793.73 | 4.8 | 95.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1838351.13 | 1.3 | 88.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46988.96 | 0.4 | 90.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379356.93 | 0.6 | 94.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32941.20 | 0.7 | 100.1 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72360.71 | 0.6 | 90.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 436753.44 | 1.0 | 94.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 351512.12 | 1.1 | 94.5 | 70 | 140 | |

# Sample Report

**File Name** 091SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:38:41

**Sample Name** **PDS 460-319398-E-3-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 26.604 | ug/l | 7.0 | 2000 | |
| B | 11 | 6 | No Gas | 526.793 | ug/l | 3.2 | 2000 | |
| Na | 23 | 45 | He | 3693.476 | ug/l | 0.6 | 500000 | |
| Mg | 24 | 45 | He | 23622.406 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 58250.344 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 6593.418 | ug/l | 0.2 | 500000 | |
| Ca | 40 | 45 | H2 | 33297.541 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 2841.965 | ug/l | 0.7 | 10000 | |
| V | 51 | 45 | He | 251.160 | ug/l | 0.3 | 5000 | |
| Cr | 52 | 45 | He | 209.661 | ug/l | 1.1 | 20000 | |
| Mn | 55 | 45 | He | 2560.860 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 143323.599 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 76.367 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 166.987 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 377.387 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 1367.225 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 83.772 | ug/l | 5.9 | 5000 | |
| Se | 78 | 45 | H2 | 55.329 | ug/l | 1.0 | 3000 | |
| Sr | 88 | 115 | He | 187.369 | ug/l | 2.1 | 5000 | |
| Mo | 95 | 115 | He | 54.710 | ug/l | 2.2 | 2000 | |
| Ag | 107 | 115 | He | 27.580 | ug/l | 0.9 | 1000 | |
| Cd | 111 | 115 | He | 28.359 | ug/l | 2.7 | 5000 | |
| Sn | 118 | 115 | He | 141.157 | ug/l | 1.4 | 2000 | |
| Sb | 121 | 115 | He | 26.363 | ug/l | 1.4 | 1000 | |
| Ba | 137 | 159 | He | 460.595 | ug/l | 2.1 | 20000 | |
| Tl | 205 | 209 | He | 20.053 | ug/l | 1.0 | 1000 | |
| [Pb] | 206 | 209 | He | 927.697 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 885.312 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 955.853 | ug/l | 0.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3010871.69 | 2.3 | 93.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5824513.94 | 2.2 | 93.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1884384.56 | 2.0 | 90.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46655.65 | 0.8 | 89.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 383808.14 | 0.7 | 96.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32810.82 | 0.7 | 99.7 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 33.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72112.56 | 0.3 | 90.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 443016.98 | 0.7 | 96.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 352303.97 | 0.8 | 94.7 | 70 | 140 | |

# Sample Report

**File Name** 092SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:41:14

**Sample Name** **460-319398-E-3-H MSD**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 44.095 | ug/l | 0.4 | 2000 | |
| B | 11 | 6 | No Gas | 794.184 | ug/l | 2.0 | 2000 | |
| Na | 23 | 45 | He | 5781.424 | ug/l | 0.5 | 500000 | |
| Mg | 24 | 45 | He | 24492.744 | ug/l | 0.6 | 500000 | |
| Al | 27 | 45 | He | 62410.430 | ug/l | 0.8 | 500000 | |
| K | 39 | 45 | He | 8519.295 | ug/l | 0.2 | 500000 | |
| Ca | 40 | 45 | H2 | 44579.161 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 2910.839 | ug/l | 0.9 | 10000 | |
| V | 51 | 45 | He | 300.937 | ug/l | 0.3 | 5000 | |
| Cr | 52 | 45 | He | 235.376 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 2748.568 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 127298.455 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 92.231 | ug/l | 0.8 | 2000 | |
| Ni | 60 | 45 | He | 203.277 | ug/l | 0.6 | 20000 | |
| Cu | 63 | 45 | He | 403.593 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 1728.111 | ug/l | 0.5 | 20000 | |
| As | 75 | 45 | He | 130.293 | ug/l | 2.1 | 5000 | |
| Se | 78 | 45 | H2 | 96.082 | ug/l | 1.2 | 3000 | |
| Sr | 88 | 115 | He | 279.040 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 91.898 | ug/l | 0.8 | 2000 | |
| Ag | 107 | 115 | He | 46.043 | ug/l | 0.5 | 1000 | |
| Cd | 111 | 115 | He | 48.092 | ug/l | 4.6 | 5000 | |
| Sn | 118 | 115 | He | 330.927 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 23.897 | ug/l | 2.8 | 1000 | |
| Ba | 137 | 159 | He | 565.440 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 34.237 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 1249.987 | ug/l | 4.7 | | |
| [Pb] | 207 | 209 | He | 1138.956 | ug/l | 1.4 | | |
| Pb | 208 | 209 | He | 1239.425 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3091025.27 | 1.6 | 96.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5956460.95 | 1.0 | 95.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1855716.00 | 1.3 | 89.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47375.83 | 0.8 | 91.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382947.82 | 0.4 | 95.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32147.05 | 0.4 | 97.6 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 31.5 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71145.63 | 1.2 | 89.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 442964.95 | 0.6 | 96.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 353502.58 | 0.6 | 95.1 | 70 | 140 | |

# Sample Report

**File Name** 093SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:43:45

**Sample Name** **460-319398-E-3-G MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 42.163 | ug/l | 6.0 | 2000 | |
| B | 11 | 6 | No Gas | 1045.027 | ug/l | 3.9 | 2000 | |
| Na | 23 | 45 | He | 7714.799 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 25642.902 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 68382.344 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 8273.770 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 42380.759 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 2875.081 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 299.967 | ug/l | 0.8 | 5000 | |
| Cr | 52 | 45 | He | 229.171 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 2714.117 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 139270.377 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 95.969 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 204.307 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 437.429 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 1647.699 | ug/l | 1.1 | 20000 | |
| As | 75 | 45 | He | 120.906 | ug/l | 1.2 | 5000 | |
| Se | 78 | 45 | H2 | 89.083 | ug/l | 1.3 | 3000 | |
| Sr | 88 | 115 | He | 261.618 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 90.397 | ug/l | 1.6 | 2000 | |
| Ag | 107 | 115 | He | 45.470 | ug/l | 1.8 | 1000 | |
| Cd | 111 | 115 | He | 47.110 | ug/l | 2.6 | 5000 | |
| Sn | 118 | 115 | He | 190.192 | ug/l | 2.1 | 2000 | |
| Sb | 121 | 115 | He | 22.575 | ug/l | 7.1 | 1000 | |
| Ba | 137 | 159 | He | 556.801 | ug/l | 0.6 | 20000 | |
| Tl | 205 | 209 | He | 34.410 | ug/l | 1.9 | 1000 | |
| [Pb] | 206 | 209 | He | 1024.341 | ug/l | 1.0 | | |
| [Pb] | 207 | 209 | He | 968.289 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 1044.530 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3054865.72 | 6.6 | 95.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5889146.30 | 4.5 | 94.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1861511.66 | 1.1 | 89.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47192.95 | 0.7 | 90.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378352.48 | 0.9 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32638.27 | 1.2 | 99.1 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 33.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70814.96 | 1.5 | 89.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 440876.33 | 0.3 | 95.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 347710.90 | 1.1 | 93.5 | 70 | 140 | |

# Sample Report

**File Name** 094SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:46:17

**Sample Name** **460-319398-E-3-F DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.435 | ug/l | 3.0 | 2000 | |
| B | 11 | 6 | No Gas | 53.088 | ug/l | 4.3 | 2000 | |
| Na | 23 | 45 | He | 1032.139 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 21340.276 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 57571.459 | ug/l | 2.1 | 500000 | |
| K | 39 | 45 | He | 3917.036 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 34165.727 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 2594.528 | ug/l | 0.7 | 10000 | |
| V | 51 | 45 | He | 204.996 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 151.742 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 2365.191 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 153258.991 | ug/l | 2.2 | 500000 | |
| Co | 59 | 45 | He | 60.058 | ug/l | 2.3 | 2000 | |
| Ni | 60 | 45 | He | 125.876 | ug/l | 2.1 | 20000 | |
| Cu | 63 | 45 | He | 356.442 | ug/l | 2.6 | 20000 | |
| Zn | 66 | 45 | He | 1182.463 | ug/l | 1.8 | 20000 | |
| As | 75 | 45 | He | 38.473 | ug/l | 1.5 | 5000 | |
| Se | 78 | 45 | H2 | 5.028 | ug/l | 3.2 | 3000 | |
| Sr | 88 | 115 | He | 165.251 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 6.099 | ug/l | 10.7 | 2000 | |
| Ag | 107 | 115 | He | 3.590 | ug/l | 2.9 | 1000 | |
| Cd | 111 | 115 | He | 5.277 | ug/l | 9.7 | 5000 | |
| Sn | 118 | 115 | He | 77.254 | ug/l | 0.4 | 2000 | |
| Sb | 121 | 115 | He | 2.749 | ug/l | 8.9 | 1000 | |
| Ba | 137 | 159 | He | 448.677 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 0.732 | ug/l | 6.6 | 1000 | |
| [Pb] | 206 | 209 | He | 963.357 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 910.274 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 987.625 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2971528.92 | 3.9 | 92.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5874703.32 | 2.4 | 94.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1868656.65 | 0.7 | 89.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46821.69 | 1.5 | 90.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381338.15 | 1.5 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 32377.63 | 1.0 | 98.3 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 25.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71154.91 | 1.2 | 89.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 439334.73 | 0.3 | 95.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 349951.91 | 0.3 | 94.1 | 70 | 140 | |

# Sample Report

**File Name** 095SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:48:49

**Sample Name** **460-319398-E-3-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.449 | ug/l | 4.9 | 2000 | |
| B | 11 | 6 | No Gas | 33.855 | ug/l | 7.4 | 2000 | |
| Na | 23 | 45 | He | 1106.169 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 20967.101 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 55394.323 | ug/l | 0.8 | 500000 | |
| K | 39 | 45 | He | 4030.283 | ug/l | 2.9 | 500000 | |
| Ca | 40 | 45 | H2 | 31065.766 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 2803.059 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 199.111 | ug/l | 1.5 | 5000 | |
| Cr | 52 | 45 | He | 156.825 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 2295.378 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 140835.578 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 50.527 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 113.631 | ug/l | 0.8 | 20000 | |
| Cu | 63 | 45 | He | 318.929 | ug/l | 0.4 | 20000 | |
| Zn | 66 | 45 | He | 1116.184 | ug/l | 1.6 | 20000 | |
| As | 75 | 45 | He | 32.945 | ug/l | 3.5 | 5000 | |
| Se | 78 | 45 | H2 | 5.949 | ug/l | 8.8 | 3000 | |
| Sr | 88 | 115 | He | 142.186 | ug/l | 2.4 | 5000 | |
| Mo | 95 | 115 | He | 5.112 | ug/l | 4.9 | 2000 | |
| Ag | 107 | 115 | He | 2.473 | ug/l | 2.8 | 1000 | |
| Cd | 111 | 115 | He | 4.268 | ug/l | 7.2 | 5000 | |
| Sn | 118 | 115 | He | 94.067 | ug/l | 3.2 | 2000 | |
| Sb | 121 | 115 | He | 2.549 | ug/l | 17.4 | 1000 | |
| Ba | 137 | 159 | He | 414.780 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.670 | ug/l | 4.1 | 1000 | |
| [Pb] | 206 | 209 | He | 905.735 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 865.259 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 935.129 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3126017.70 | 5.6 | 97.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5964846.65 | 2.7 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1838845.18 | 1.8 | 88.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47174.09 | 1.1 | 90.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382871.19 | 0.7 | 95.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32545.87 | 2.0 | 98.9 | 70 | 140 | |
| Kr | 83 | He | 56.72 | 27.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71369.38 | 0.5 | 89.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 439349.00 | 0.7 | 95.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 354315.23 | 0.3 | 95.3 | 70 | 140 | |

# Sample Report

**File Name** 096SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:51:22

**Sample Name** **SD 460-319398-E-3-E@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.476 | ug/l | 2.5 | 2000 | |
| B | 11 | 6 | No Gas | 8.412 | ug/l | 4.2 | 2000 | |
| Na | 23 | 45 | He | 230.768 | ug/l | 5.8 | 500000 | |
| Mg | 24 | 45 | He | 4235.470 | ug/l | 3.2 | 500000 | |
| Al | 27 | 45 | He | 11374.850 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 814.359 | ug/l | 4.7 | 500000 | |
| Ca | 40 | 45 | H2 | 6301.073 | ug/l | 2.1 | 1000000 | |
| Ti | 47 | 45 | He | 551.591 | ug/l | 1.5 | 10000 | |
| V | 51 | 45 | He | 40.606 | ug/l | 3.3 | 5000 | |
| Cr | 52 | 45 | He | 31.955 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 464.387 | ug/l | 3.4 | 20000 | |
| Fe | 56 | 45 | H2 | 28990.745 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 10.580 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 22.497 | ug/l | 4.7 | 20000 | |
| Cu | 63 | 45 | He | 66.643 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 220.092 | ug/l | 2.7 | 20000 | |
| As | 75 | 45 | He | 6.153 | ug/l | 6.7 | 5000 | |
| Se | 78 | 45 | H2 | 1.149 | ug/l | 0.9 | 3000 | |
| Sr | 88 | 115 | He | 28.393 | ug/l | 1.8 | 5000 | |
| Mo | 95 | 115 | He | 1.057 | ug/l | 9.7 | 2000 | |
| Ag | 107 | 115 | He | 0.494 | ug/l | 8.1 | 1000 | |
| Cd | 111 | 115 | He | 1.005 | ug/l | 15.8 | 5000 | |
| Sn | 118 | 115 | He | 19.283 | ug/l | 2.6 | 2000 | |
| Sb | 121 | 115 | He | 0.456 | ug/l | 11.4 | 1000 | |
| Ba | 137 | 159 | He | 84.332 | ug/l | 4.3 | 20000 | |
| Tl | 205 | 209 | He | 0.106 | ug/l | 14.2 | 1000 | |
| [Pb] | 206 | 209 | He | 183.931 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 173.818 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 178.702 | ug/l | 1.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3297248.07 | 0.7 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6151301.09 | 0.5 | 98.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1864232.52 | 0.8 | 89.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46806.10 | 1.6 | 90.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381695.86 | 0.6 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32652.69 | 0.5 | 99.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72049.19 | 1.2 | 90.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 437548.20 | 1.0 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 353964.78 | 1.7 | 95.2 | 70 | 140 | |

# Sample Report

**File Name** 097SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:53:54

**Sample Name** **460-319707-C-6-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 3.061 | ug/l | 2.5 | 2000 | |
| B | 11 | 6 | No Gas | 84.344 | ug/l | 7.5 | 2000 | |
| Na | 23 | 45 | He | 2658.863 | ug/l | 2.2 | 500000 | |
| Mg | 24 | 45 | He | 11626.211 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 62861.156 | ug/l | 1.4 | 500000 | |
| K | 39 | 45 | He | 12582.527 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 12803.178 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 1200.670 | ug/l | 2.5 | 10000 | |
| V | 51 | 45 | He | 170.633 | ug/l | 0.6 | 5000 | |
| Cr | 52 | 45 | He | 730.728 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 410.884 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | 92492.209 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 21.468 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 82.002 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 300.990 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 2416.294 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 28.508 | ug/l | 0.6 | 5000 | |
| Se | 78 | 45 | H2 | 8.504 | ug/l | 7.4 | 3000 | |
| Sr | 88 | 115 | He | 82.305 | ug/l | 4.3 | 5000 | |
| Mo | 95 | 115 | He | 7.386 | ug/l | 6.6 | 2000 | |
| Ag | 107 | 115 | He | 1.129 | ug/l | 6.2 | 1000 | |
| Cd | 111 | 115 | He | 304.277 | ug/l | 3.8 | 5000 | |
| Sn | 118 | 115 | He | 17.054 | ug/l | 5.9 | 2000 | |
| Sb | 121 | 115 | He | 1.477 | ug/l | 7.1 | 1000 | |
| Ba | 137 | 159 | He | 353.867 | ug/l | 2.6 | 20000 | |
| Tl | 205 | 209 | He | 0.515 | ug/l | 8.3 | 1000 | |
| [Pb] | 206 | 209 | He | 431.970 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 415.941 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 422.892 | ug/l | 2.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3077325.44 | 5.6 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5924030.54 | 2.9 | 95.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1858340.98 | 0.6 | 89.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46887.53 | 0.7 | 90.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376781.04 | 0.6 | 94.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32383.19 | 0.2 | 98.4 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 15.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71524.47 | 1.5 | 89.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 441080.85 | 0.3 | 95.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 351209.73 | 1.6 | 94.4 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 098_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:56:28

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 98.611 | ug/l | 8.2 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 240.935 | ug/l | 4.9 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26384.706 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26007.930 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25700.092 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25188.005 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25090.535 | ug/l | 2.6 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 104.078 | ug/l | 1.6 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.368 | ug/l | 2.2 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 104.583 | ug/l | 1.7 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 102.942 | ug/l | 2.1 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25521.152 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 105.064 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 104.452 | ug/l | 2.6 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 105.621 | ug/l | 1.4 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 265.208 | ug/l | 3.6 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 100.258 | ug/l | 2.2 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 103.782 | ug/l | 3.2 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 98.955 | ug/l | 3.9 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 102.116 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.785 | ug/l | 2.4 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 102.214 | ug/l | 2.4 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 104.531 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 103.359 | ug/l | 1.4 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.558 | ug/l | 1.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 100.724 | ug/l | 0.7 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 101.746 | ug/l | 0.9 | | | | |
| [Pb] | 207 | 209 | He | 100.779 | ug/l | 1.5 | | | | |
| Pb | 208 | 209 | He | 100.922 | ug/l | 0.5 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3168909.26 | 6.4 | 98.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5944935.95 | 5.2 | 95.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1829325.84 | 0.4 | 87.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46192.83 | 1.1 | 89.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376161.00 | 1.2 | 94.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31465.43 | 0.8 | 95.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 71626.82 | 1.0 | 90.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 436373.57 | 1.4 | 94.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 347544.56 | 0.5 | 93.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 099_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 13:58:58

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.012 | ug/l | 47.0 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.640 | ug/l | 12.2 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 4.612 | ug/l | 218.1 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.131 | ug/l | 50.6 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 0.491 | ug/l | 17.4 | 40 | -40 | 40 | |
| K | 39 | 45 | He | -9.974 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | -0.555 | ug/l | N/A | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.447 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.031 | ug/l | 353.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | 0.135 | ug/l | 106.7 | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.063 | ug/l | 221.0 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 4.850 | ug/l | 8.9 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.001 | ug/l | 1701.0 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.178 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.056 | ug/l | 126.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -5.680 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.105 | ug/l | 50.0 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.317 | ug/l | 38.6 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.002 | ug/l | 1549.0 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.087 | ug/l | 24.7 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 34.6 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.002 | ug/l | 1055.7 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.126 | ug/l | 82.4 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.043 | ug/l | 84.2 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.100 | ug/l | 81.2 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.014 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.149 | ug/l | 54.7 | | | | |
| [Pb] | 207 | 209 | He | 0.144 | ug/l | 11.1 | | | | |
| Pb | 208 | 209 | He | 0.133 | ug/l | 19.9 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3225954.67 | 6.4 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6023709.21 | 3.8 | 96.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1824156.93 | 1.7 | 87.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46307.66 | 0.9 | 89.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 360290.03 | 0.6 | 90.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30131.39 | 1.3 | 91.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 72531.80 | 0.8 | 91.1 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 438886.53 | 1.0 | 95.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 356648.27 | 1.6 | 95.9 | 70 | 140 | |

# Sample Report

**File Name** 100SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:01:33

**Sample Name** **460-319953-A-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.239 | ug/l | 16.1 | 2000 | |
| B | 11 | 6 | No Gas | 4.806 | ug/l | 14.2 | 2000 | |
| Na | 23 | 45 | He | 116.535 | ug/l | 7.2 | 500000 | |
| Mg | 24 | 45 | He | 154.831 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 5978.447 | ug/l | 0.3 | 500000 | |
| K | 39 | 45 | He | 259.193 | ug/l | 25.1 | 500000 | |
| Ca | 40 | 45 | H2 | 196.600 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 391.706 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 18.720 | ug/l | 3.9 | 5000 | |
| Cr | 52 | 45 | He | 24.414 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 41.613 | ug/l | 5.1 | 20000 | |
| Fe | 56 | 45 | H2 | 22105.471 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 1.712 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 3.284 | ug/l | 6.4 | 20000 | |
| Cu | 63 | 45 | He | 5.924 | ug/l | 2.2 | 20000 | |
| Zn | 66 | 45 | He | 23.953 | ug/l | 7.1 | 20000 | |
| As | 75 | 45 | He | 6.323 | ug/l | 4.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.476 | ug/l | 6.8 | 3000 | |
| Sr | 88 | 115 | He | 25.297 | ug/l | 2.9 | 5000 | |
| Mo | 95 | 115 | He | 1.964 | ug/l | 14.3 | 2000 | |
| Ag | 107 | 115 | He | 0.044 | ug/l | 22.6 | 1000 | |
| Cd | 111 | 115 | He | 0.081 | ug/l | 56.4 | 5000 | |
| Sn | 118 | 115 | He | 9.868 | ug/l | 7.4 | 2000 | |
| Sb | 121 | 115 | He | 0.000 | ug/l | 22760.2 | 1000 | |
| Ba | 137 | 159 | He | 19.678 | ug/l | 2.9 | 20000 | |
| Tl | 205 | 209 | He | 0.017 | ug/l | 124.8 | 1000 | |
| [Pb] | 206 | 209 | He | 10.861 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 10.801 | ug/l | 2.0 | | |
| Pb | 208 | 209 | He | 10.769 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2985641.38 | 4.4 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5804920.19 | 4.2 | 93.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1848364.48 | 1.1 | 88.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46821.73 | 1.0 | 90.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378306.17 | 0.9 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32357.54 | 1.2 | 98.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72226.96 | 1.2 | 90.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 436930.91 | 1.1 | 94.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 354311.41 | 1.1 | 95.3 | 70 | 140 | |

# Sample Report

**File Name** 101SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:04:06

**Sample Name** **460-319953-A-2-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.396 | ug/l | 8.8 | 2000 | |
| B | 11 | 6 | No Gas | 3.436 | ug/l | 6.4 | 2000 | |
| Na | 23 | 45 | He | 113.183 | ug/l | 5.0 | 500000 | |
| Mg | 24 | 45 | He | 250.126 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 6790.959 | ug/l | 3.4 | 500000 | |
| K | 39 | 45 | He | 268.930 | ug/l | 6.8 | 500000 | |
| Ca | 40 | 45 | H2 | 266.315 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 304.310 | ug/l | 2.4 | 10000 | |
| V | 51 | 45 | He | 23.477 | ug/l | 2.0 | 5000 | |
| Cr | 52 | 45 | He | 29.205 | ug/l | 0.8 | 20000 | |
| Mn | 55 | 45 | He | 103.183 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 29396.401 | ug/l | 0.2 | 500000 | |
| Co | 59 | 45 | He | 8.143 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 4.317 | ug/l | 3.6 | 20000 | |
| Cu | 63 | 45 | He | 7.961 | ug/l | 4.8 | 20000 | |
| Zn | 66 | 45 | He | 18.559 | ug/l | 7.9 | 20000 | |
| As | 75 | 45 | He | 9.854 | ug/l | 5.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.515 | ug/l | 30.5 | 3000 | |
| Sr | 88 | 115 | He | 9.890 | ug/l | 4.2 | 5000 | |
| Mo | 95 | 115 | He | 2.034 | ug/l | 8.2 | 2000 | |
| Ag | 107 | 115 | He | 0.061 | ug/l | 15.8 | 1000 | |
| Cd | 111 | 115 | He | 0.071 | ug/l | 0.9 | 5000 | |
| Sn | 118 | 115 | He | 9.713 | ug/l | 4.8 | 2000 | |
| Sb | 121 | 115 | He | 0.040 | ug/l | 66.3 | 1000 | |
| Ba | 137 | 159 | He | 24.559 | ug/l | 0.8 | 20000 | |
| Tl | 205 | 209 | He | 0.058 | ug/l | 22.0 | 1000 | |
| [Pb] | 206 | 209 | He | 13.523 | ug/l | 2.3 | | |
| [Pb] | 207 | 209 | He | 13.763 | ug/l | 2.4 | | |
| Pb | 208 | 209 | He | 13.454 | ug/l | 2.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3270013.46 | 1.7 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6165604.14 | 1.4 | 99.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1846329.38 | 0.9 | 88.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46118.25 | 0.7 | 88.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379661.25 | 0.8 | 95.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31936.50 | 0.9 | 97.0 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72121.11 | 0.7 | 90.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 433785.50 | 0.6 | 94.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 355315.82 | 0.8 | 95.5 | 70 | 140 | |

# Sample Report

**File Name** 102SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:06:41

**Sample Name** **460-319953-A-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.247 | ug/l | 15.7 | 2000 | |
| B | 11 | 6 | No Gas | 3.388 | ug/l | 17.9 | 2000 | |
| Na | 23 | 45 | He | 165.375 | ug/l | 4.5 | 500000 | |
| Mg | 24 | 45 | He | 165.511 | ug/l | 5.2 | 500000 | |
| Al | 27 | 45 | He | 4879.353 | ug/l | 1.5 | 500000 | |
| K | 39 | 45 | He | 202.615 | ug/l | 5.8 | 500000 | |
| Ca | 40 | 45 | H2 | 267.052 | ug/l | 2.1 | 1000000 | |
| Ti | 47 | 45 | He | 145.285 | ug/l | 2.9 | 10000 | |
| V | 51 | 45 | He | 14.958 | ug/l | 2.2 | 5000 | |
| Cr | 52 | 45 | He | 25.718 | ug/l | 0.0 | 20000 | |
| Mn | 55 | 45 | He | 31.771 | ug/l | 2.5 | 20000 | |
| Fe | 56 | 45 | H2 | 22581.316 | ug/l | 2.8 | 500000 | |
| Co | 59 | 45 | He | 1.749 | ug/l | 3.4 | 2000 | |
| Ni | 60 | 45 | He | 2.828 | ug/l | 5.3 | 20000 | |
| Cu | 63 | 45 | He | 5.758 | ug/l | 3.6 | 20000 | |
| Zn | 66 | 45 | He | 16.470 | ug/l | 8.4 | 20000 | |
| As | 75 | 45 | He | 5.960 | ug/l | 2.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.631 | ug/l | 13.7 | 3000 | |
| Sr | 88 | 115 | He | 16.041 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 1.465 | ug/l | 5.1 | 2000 | |
| Ag | 107 | 115 | He | 0.063 | ug/l | 12.8 | 1000 | |
| Cd | 111 | 115 | He | 0.012 | ug/l | 247.5 | 5000 | |
| Sn | 118 | 115 | He | 9.528 | ug/l | 5.2 | 2000 | |
| Sb | 121 | 115 | He | -0.012 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 15.353 | ug/l | 4.6 | 20000 | |
| Tl | 205 | 209 | He | 0.013 | ug/l | 90.8 | 1000 | |
| [Pb] | 206 | 209 | He | 6.657 | ug/l | 1.9 | | |
| [Pb] | 207 | 209 | He | 6.481 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 6.498 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3153340.72 | 0.9 | 98.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5906021.02 | 1.5 | 94.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1837481.05 | 2.1 | 88.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45968.90 | 1.3 | 88.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378412.63 | 1.3 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32185.97 | 1.2 | 97.8 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71165.86 | 1.0 | 89.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 432516.80 | 0.6 | 93.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 353646.78 | 0.3 | 95.1 | 70 | 140 | |

# Sample Report

**File Name** 103SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:09:14

**Sample Name** **460-319953-A-4-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3111

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.538 | ug/l | 6.1 | 2000 | |
| B | 11 | 6 | No Gas | 30.641 | ug/l | 8.6 | 2000 | |
| Na | 23 | 45 | He | 1626.148 | ug/l | 0.5 | 500000 | |
| Mg | 24 | 45 | He | 1117617.803 | ug/l | 1.7 | 500000 | >LDR 6020B□>LDR 200.8 |
| Al | 27 | 45 | He | 5749.267 | ug/l | 3.5 | 500000 | |
| K | 39 | 45 | He | 3855.665 | ug/l | 3.5 | 500000 | |
| Ca | 40 | 45 | H2 | 2109352.066 | ug/l | 2.0 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 232.608 | ug/l | 4.1 | 10000 | |
| V | 51 | 45 | He | 43.498 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 29.511 | ug/l | 3.1 | 20000 | |
| Mn | 55 | 45 | He | 1095.112 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 36612.472 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 15.870 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 34.946 | ug/l | 2.1 | 20000 | |
| Cu | 63 | 45 | He | 26.232 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 1192.513 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 73.598 | ug/l | 1.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.381 | ug/l | 19.2 | 3000 | |
| Sr | 88 | 115 | He | 1394.008 | ug/l | 0.3 | 5000 | |
| Mo | 95 | 115 | He | 3.909 | ug/l | 5.0 | 2000 | |
| Ag | 107 | 115 | He | 0.143 | ug/l | 19.0 | 1000 | |
| Cd | 111 | 115 | He | 4.300 | ug/l | 15.4 | 5000 | |
| Sn | 118 | 115 | He | 10.578 | ug/l | 4.1 | 2000 | |
| Sb | 121 | 115 | He | 0.151 | ug/l | 58.6 | 1000 | |
| Ba | 137 | 159 | He | 35.489 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.536 | ug/l | 10.9 | 1000 | |
| [Pb] | 206 | 209 | He | 27.393 | ug/l | 1.9 | | |
| [Pb] | 207 | 209 | He | 26.246 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 26.372 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3170777.97 | 4.6 | 98.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5520607.14 | 3.6 | 88.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1768375.58 | 1.2 | 84.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45387.95 | 0.6 | 87.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 334627.02 | 0.9 | 83.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29808.38 | 0.6 | 90.5 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 91.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66194.99 | 0.4 | 83.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 409326.04 | 0.3 | 88.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 311936.29 | 0.6 | 83.9 | 70 | 140 | |

# Sample Report

**File Name** 104SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:11:47

**Sample Name** **460-319953-A-5-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3112

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.403 | ug/l | 10.1 | 2000 | |
| B | 11 | 6 | No Gas | 29.625 | ug/l | 8.4 | 2000 | |
| Na | 23 | 45 | He | 1571.214 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 1131667.911 | ug/l | 1.6 | 500000 | >LDR 6020B□>LDR 200.8 |
| Al | 27 | 45 | He | 6013.434 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 4165.067 | ug/l | 3.2 | 500000 | |
| Ca | 40 | 45 | H2 | 1967452.609 | ug/l | 1.2 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 285.359 | ug/l | 2.5 | 10000 | |
| V | 51 | 45 | He | 57.753 | ug/l | 2.1 | 5000 | |
| Cr | 52 | 45 | He | 39.856 | ug/l | 3.6 | 20000 | |
| Mn | 55 | 45 | He | 1305.686 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 39200.874 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 13.752 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 34.892 | ug/l | 2.9 | 20000 | |
| Cu | 63 | 45 | He | 27.589 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | 135.427 | ug/l | 2.5 | 20000 | |
| As | 75 | 45 | He | 59.404 | ug/l | 6.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.533 | ug/l | 25.9 | 3000 | |
| Sr | 88 | 115 | He | 1097.826 | ug/l | 1.8 | 5000 | |
| Mo | 95 | 115 | He | 8.159 | ug/l | 3.4 | 2000 | |
| Ag | 107 | 115 | He | 0.125 | ug/l | 6.5 | 1000 | |
| Cd | 111 | 115 | He | 0.427 | ug/l | 16.6 | 5000 | |
| Sn | 118 | 115 | He | 10.802 | ug/l | 9.5 | 2000 | |
| Sb | 121 | 115 | He | 0.331 | ug/l | 22.4 | 1000 | |
| Ba | 137 | 159 | He | 47.317 | ug/l | 3.8 | 20000 | |
| Tl | 205 | 209 | He | 0.474 | ug/l | 2.1 | 1000 | |
| [Pb] | 206 | 209 | He | 31.058 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 28.324 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 29.297 | ug/l | 0.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3270390.71 | 5.0 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5753234.77 | 2.4 | 92.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1834420.98 | 2.3 | 88.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45740.34 | 1.1 | 88.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 352056.61 | 0.6 | 88.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30762.65 | 1.0 | 93.4 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67595.61 | 1.7 | 84.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 417967.51 | 0.3 | 90.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 313261.79 | 0.2 | 84.2 | 70 | 140 | |

# Sample Report

**File Name** 105SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:14:20

**Sample Name** **460-319953-A-6-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.444 | ug/l | 9.2 | 2000 | |
| B | 11 | 6 | No Gas | 33.480 | ug/l | 3.1 | 2000 | |
| Na | 23 | 45 | He | 1430.642 | ug/l | 2.1 | 500000 | |
| Mg | 24 | 45 | He | 1014717.479 | ug/l | 1.1 | 500000 | >LDR 6020B□>LDR 200.8 |
| Al | 27 | 45 | He | 6320.366 | ug/l | 2.2 | 500000 | |
| K | 39 | 45 | He | 4421.546 | ug/l | 3.0 | 500000 | |
| Ca | 40 | 45 | H2 | 1832204.086 | ug/l | 1.6 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 222.805 | ug/l | 3.0 | 10000 | |
| V | 51 | 45 | He | 47.542 | ug/l | 2.8 | 5000 | |
| Cr | 52 | 45 | He | 34.874 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 1203.380 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 39524.059 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 12.975 | ug/l | 3.0 | 2000 | |
| Ni | 60 | 45 | He | 32.543 | ug/l | 2.1 | 20000 | |
| Cu | 63 | 45 | He | 28.362 | ug/l | 2.3 | 20000 | |
| Zn | 66 | 45 | He | 28.079 | ug/l | 4.9 | 20000 | |
| As | 75 | 45 | He | 32.345 | ug/l | 7.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.547 | ug/l | 14.2 | 3000 | |
| Sr | 88 | 115 | He | 1145.595 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 6.247 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 0.085 | ug/l | 7.7 | 1000 | |
| Cd | 111 | 115 | He | 0.066 | ug/l | 72.4 | 5000 | |
| Sn | 118 | 115 | He | 9.950 | ug/l | 5.0 | 2000 | |
| Sb | 121 | 115 | He | 0.133 | ug/l | 18.6 | 1000 | |
| Ba | 137 | 159 | He | 38.536 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 0.453 | ug/l | 5.1 | 1000 | |
| [Pb] | 206 | 209 | He | 26.275 | ug/l | 1.9 | | |
| [Pb] | 207 | 209 | He | 24.868 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 25.242 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3227558.11 | 4.6 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5871888.31 | 2.7 | 94.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1862942.09 | 0.4 | 89.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47063.64 | 1.3 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 352813.27 | 1.1 | 88.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30877.43 | 0.5 | 93.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68032.93 | 0.7 | 85.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 422223.19 | 0.5 | 91.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 317691.02 | 0.5 | 85.4 | 70 | 140 | |

# Sample Report

**File Name** 106SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:16:54

**Sample Name** **460-319953-A-7-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3202

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.018 | ug/l | 0.5 | 2000 | |
| B | 11 | 6 | No Gas | 30.193 | ug/l | 9.6 | 2000 | |
| Na | 23 | 45 | He | 1510.606 | ug/l | 2.5 | 500000 | |
| Mg | 24 | 45 | He | 1056050.166 | ug/l | 0.4 | 500000 | >LDR 6020B□>LDR 200.8 |
| Al | 27 | 45 | He | 12397.736 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 6324.291 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 1844979.135 | ug/l | 2.6 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 3203.358 | ug/l | 0.9 | 10000 | |
| V | 51 | 45 | He | 113.756 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 29.035 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 1447.472 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 50360.109 | ug/l | 2.7 | 500000 | |
| Co | 59 | 45 | He | 20.562 | ug/l | 0.2 | 2000 | |
| Ni | 60 | 45 | He | 28.369 | ug/l | 2.4 | 20000 | |
| Cu | 63 | 45 | He | 28.156 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 75.350 | ug/l | 5.0 | 20000 | |
| As | 75 | 45 | He | 16.528 | ug/l | 6.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.475 | ug/l | 69.1 | 3000 | |
| Sr | 88 | 115 | He | 1127.780 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 3.029 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 0.105 | ug/l | 8.2 | 1000 | |
| Cd | 111 | 115 | He | 0.447 | ug/l | 44.5 | 5000 | |
| Sn | 118 | 115 | He | 10.858 | ug/l | 9.1 | 2000 | |
| Sb | 121 | 115 | He | 0.230 | ug/l | 41.4 | 1000 | |
| Ba | 137 | 159 | He | 191.511 | ug/l | 0.4 | 20000 | |
| Tl | 205 | 209 | He | 0.186 | ug/l | 13.1 | 1000 | |
| [Pb] | 206 | 209 | He | 17.267 | ug/l | 2.7 | | |
| [Pb] | 207 | 209 | He | 15.230 | ug/l | 1.8 | | |
| Pb | 208 | 209 | He | 15.859 | ug/l | 1.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3190814.88 | 5.8 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5828758.46 | 1.5 | 93.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1841425.93 | 2.1 | 88.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47112.52 | 0.6 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356554.00 | 0.3 | 89.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31456.57 | 0.6 | 95.6 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68893.66 | 1.2 | 86.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 425258.56 | 0.4 | 92.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 317945.61 | 0.6 | 85.5 | 70 | 140 | |

# Sample Report

**File Name** 107SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:19:26

**Sample Name** **460-320105-A-1-O**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3203

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.801 | ug/l | 0.5 | 2000 | |
| B | 11 | 6 | No Gas | 20.795 | ug/l | 5.2 | 2000 | |
| Na | 23 | 45 | He | 835.822 | ug/l | 2.4 | 500000 | |
| Mg | 24 | 45 | He | 11200.799 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 52750.038 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 2786.806 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 24421.442 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 1176.849 | ug/l | 0.7 | 10000 | |
| V | 51 | 45 | He | 198.720 | ug/l | 0.6 | 5000 | |
| Cr | 52 | 45 | He | 192.177 | ug/l | 1.5 | 20000 | |
| Mn | 55 | 45 | He | 1764.311 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 60135.985 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 23.535 | ug/l | 2.3 | 2000 | |
| Ni | 60 | 45 | He | 85.703 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 220.022 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 823.995 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 426.057 | ug/l | 2.2 | 5000 | |
| Se | 78 | 45 | H2 | 4.784 | ug/l | 5.0 | 3000 | |
| Sr | 88 | 115 | He | 117.387 | ug/l | 2.3 | 5000 | |
| Mo | 95 | 115 | He | 4.808 | ug/l | 4.0 | 2000 | |
| Ag | 107 | 115 | He | 3.066 | ug/l | 2.5 | 1000 | |
| Cd | 111 | 115 | He | 5.054 | ug/l | 13.6 | 5000 | |
| Sn | 118 | 115 | He | 32.796 | ug/l | 0.8 | 2000 | |
| Sb | 121 | 115 | He | 4.384 | ug/l | 4.3 | 1000 | |
| Ba | 137 | 159 | He | 451.651 | ug/l | 1.4 | 20000 | |
| Tl | 205 | 209 | He | 0.643 | ug/l | 1.9 | 1000 | |
| [Pb] | 206 | 209 | He | 711.009 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 680.391 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 734.026 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3341324.60 | 4.9 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6132517.90 | 5.5 | 98.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1875536.24 | 0.8 | 90.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47460.30 | 0.7 | 91.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 383751.01 | 1.4 | 96.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 32901.20 | 0.8 | 99.9 | 70 | 140 | |
| Kr | 83 | He | 26.69 | 78.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72700.17 | 0.8 | 91.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 445619.49 | 0.2 | 96.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 355476.68 | 1.4 | 95.6 | 70 | 140 | |

# Sample Report

**File Name** 108SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:22:00

**Sample Name** **460-320105-A-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3204

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.499 | ug/l | 6.6 | 2000 | |
| B | 11 | 6 | No Gas | 21.353 | ug/l | 7.7 | 2000 | |
| Na | 23 | 45 | He | 724.579 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 10146.603 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 49038.563 | ug/l | 0.3 | 500000 | |
| K | 39 | 45 | He | 3233.672 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 16331.477 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 1102.630 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 172.874 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 150.716 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 1253.390 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 55243.635 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 22.621 | ug/l | 1.6 | 2000 | |
| Ni | 60 | 45 | He | 73.436 | ug/l | 1.9 | 20000 | |
| Cu | 63 | 45 | He | 166.306 | ug/l | 1.0 | 20000 | |
| Zn | 66 | 45 | He | 559.229 | ug/l | 0.0 | 20000 | |
| As | 75 | 45 | He | 334.377 | ug/l | 0.2 | 5000 | |
| Se | 78 | 45 | H2 | 3.680 | ug/l | 9.4 | 3000 | |
| Sr | 88 | 115 | He | 86.390 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 4.414 | ug/l | 7.2 | 2000 | |
| Ag | 107 | 115 | He | 1.696 | ug/l | 1.1 | 1000 | |
| Cd | 111 | 115 | He | 3.840 | ug/l | 4.2 | 5000 | |
| Sn | 118 | 115 | He | 26.475 | ug/l | 1.6 | 2000 | |
| Sb | 121 | 115 | He | 4.217 | ug/l | 10.4 | 1000 | |
| Ba | 137 | 159 | He | 357.440 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 0.591 | ug/l | 4.9 | 1000 | |
| [Pb] | 206 | 209 | He | 510.222 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 498.962 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 500.140 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3270449.74 | 5.8 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6047775.95 | 3.8 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1879938.29 | 1.1 | 90.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47076.93 | 0.4 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379784.16 | 0.6 | 95.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 33074.83 | 0.3 | 100.5 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 49.5 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72424.79 | 1.5 | 91.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 440944.52 | 1.4 | 95.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 354190.56 | 0.9 | 95.2 | 70 | 140 | |

# Sample Report

**File Name** 109SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:24:32

**Sample Name** **460-320105-A-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3205

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.764 | ug/l | 6.4 | 2000 | |
| B | 11 | 6 | No Gas | 16.254 | ug/l | 9.8 | 2000 | |
| Na | 23 | 45 | He | 880.147 | ug/l | 2.3 | 500000 | |
| Mg | 24 | 45 | He | 10778.375 | ug/l | 1.6 | 500000 | |
| Al | 27 | 45 | He | 56129.836 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 2988.187 | ug/l | 3.2 | 500000 | |
| Ca | 40 | 45 | H2 | 12308.990 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 1141.769 | ug/l | 2.8 | 10000 | |
| V | 51 | 45 | He | 191.483 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 153.320 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 821.161 | ug/l | 2.5 | 20000 | |
| Fe | 56 | 45 | H2 | 67169.597 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 25.916 | ug/l | 1.3 | 2000 | |
| Ni | 60 | 45 | He | 80.526 | ug/l | 1.9 | 20000 | |
| Cu | 63 | 45 | He | 178.665 | ug/l | 0.3 | 20000 | |
| Zn | 66 | 45 | He | 468.409 | ug/l | 2.9 | 20000 | |
| As | 75 | 45 | He | 125.460 | ug/l | 6.5 | 5000 | |
| Se | 78 | 45 | H2 | 4.513 | ug/l | 5.5 | 3000 | |
| Sr | 88 | 115 | He | 76.230 | ug/l | 3.5 | 5000 | |
| Mo | 95 | 115 | He | 4.744 | ug/l | 5.9 | 2000 | |
| Ag | 107 | 115 | He | 2.213 | ug/l | 4.6 | 1000 | |
| Cd | 111 | 115 | He | 2.328 | ug/l | 8.0 | 5000 | |
| Sn | 118 | 115 | He | 28.448 | ug/l | 8.8 | 2000 | |
| Sb | 121 | 115 | He | 3.534 | ug/l | 9.1 | 1000 | |
| Ba | 137 | 159 | He | 396.673 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.717 | ug/l | 3.9 | 1000 | |
| [Pb] | 206 | 209 | He | 575.683 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 554.746 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 596.712 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3303667.69 | 4.5 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6100330.74 | 1.6 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1864121.88 | 1.3 | 89.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47353.48 | 1.5 | 91.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377924.87 | 0.7 | 94.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 33103.87 | 0.3 | 100.6 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71500.95 | 1.9 | 89.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 442862.42 | 0.9 | 96.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 352770.48 | 0.5 | 94.9 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 110_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:27:05

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 102.100 | ug/l | 5.2 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 228.498 | ug/l | 8.2 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26673.791 | ug/l | 2.8 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26053.825 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25584.466 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25193.445 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24883.020 | ug/l | 2.3 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 104.575 | ug/l | 5.4 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.877 | ug/l | 1.3 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 102.005 | ug/l | 1.7 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.544 | ug/l | 2.8 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25282.934 | ug/l | 2.4 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 103.091 | ug/l | 1.7 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 103.488 | ug/l | 3.9 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 103.604 | ug/l | 2.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 250.825 | ug/l | 2.5 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 102.670 | ug/l | 2.3 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 104.247 | ug/l | 2.6 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 97.675 | ug/l | 2.2 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 99.491 | ug/l | 0.1 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.179 | ug/l | 0.9 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.339 | ug/l | 3.4 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.333 | ug/l | 2.0 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.517 | ug/l | 1.1 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.642 | ug/l | 1.2 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.904 | ug/l | 0.4 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 101.142 | ug/l | 0.9 | | | | |
| [Pb] | 207 | 209 | He | 99.753 | ug/l | 1.8 | | | | |
| Pb | 208 | 209 | He | 100.262 | ug/l | 0.9 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3315746.45 | 5.8 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6011248.45 | 4.0 | 96.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1841049.85 | 0.9 | 88.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46744.73 | 1.0 | 90.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373902.35 | 0.7 | 93.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 32000.02 | 2.2 | 97.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 72470.11 | 0.9 | 91.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 439529.22 | 0.5 | 95.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 352397.16 | 0.6 | 94.8 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 111_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:29:38

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.012 | ug/l | 107.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.195 | ug/l | 26.2 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -8.970 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 5.994 | ug/l | 19.9 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -1.541 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 8.501 | ug/l | 119.8 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 15.692 | ug/l | 2.2 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.044 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.057 | ug/l | 93.4 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.005 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.013 | ug/l | 733.6 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 4.909 | ug/l | 9.3 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.008 | ug/l | 107.5 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.102 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.099 | ug/l | 64.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -5.991 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.276 | ug/l | 23.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.092 | ug/l | 114.1 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.125 | ug/l | 54.9 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.011 | ug/l | 62.9 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 2558.8 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.042 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.001 | ug/l | 646.9 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.052 | ug/l | 177.3 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 154.8 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.045 | ug/l | 21.8 | | | | |
| [Pb] | 207 | 209 | He | 0.059 | ug/l | 65.9 | | | | |
| Pb | 208 | 209 | He | 0.066 | ug/l | 36.7 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3282587.38 | 8.1 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5984617.41 | 5.5 | 96.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1904927.44 | 0.7 | 91.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47259.77 | 0.6 | 91.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364858.56 | 0.9 | 91.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31266.17 | 0.8 | 95.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 74252.70 | 0.3 | 93.3 | 70 | 140 | |

## Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 442504.91 | 1.4 | 96.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 362411.19 | 0.5 | 97.5 | 70 | 140 | |

# Sample Report

**File Name** 112SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:32:13

**Sample Name** **MB 460-1020425/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.004 | ug/l | 84.7 | 2000 | |
| B | 11 | 6 | No Gas | 0.415 | ug/l | 43.9 | 2000 | |
| Na | 23 | 45 | He | -18.413 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 6.236 | ug/l | 25.1 | 500000 | |
| Al | 27 | 45 | He | -2.021 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 5.754 | ug/l | 279.9 | 500000 | |
| Ca | 40 | 45 | H2 | 16.519 | ug/l | 11.8 | 1000000 | |
| Ti | 47 | 45 | He | -0.585 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.073 | ug/l | 71.3 | 5000 | |
| Cr | 52 | 45 | He | -0.223 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.034 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 2.341 | ug/l | 19.0 | 500000 | |
| Co | 59 | 45 | He | 0.003 | ug/l | 261.8 | 2000 | |
| Ni | 60 | 45 | He | -0.096 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.019 | ug/l | 107.2 | 20000 | |
| Zn | 66 | 45 | He | -6.241 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.042 | ug/l | 207.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.082 | ug/l | 94.2 | 3000 | |
| Sr | 88 | 115 | He | 0.038 | ug/l | 112.3 | 5000 | |
| Mo | 95 | 115 | He | 0.058 | ug/l | 23.7 | 2000 | |
| Ag | 107 | 115 | He | -0.001 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.002 | ug/l | 1118.1 | 5000 | |
| Sn | 118 | 115 | He | -0.002 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.084 | ug/l | 16.4 | 1000 | |
| Ba | 137 | 159 | He | -0.010 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.024 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.081 | ug/l | 34.7 | | |
| [Pb] | 207 | 209 | He | 0.050 | ug/l | 21.7 | | |
| Pb | 208 | 209 | He | 0.064 | ug/l | 31.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3495235.64 | 4.6 | 108.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6191638.31 | 2.6 | 99.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1861880.30 | 1.6 | 89.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46966.59 | 1.6 | 90.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359603.67 | 0.6 | 90.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30934.24 | 0.4 | 94.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73347.30 | 1.2 | 92.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 441822.17 | 0.3 | 95.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 360685.04 | 0.3 | 97.0 | 70 | 140 | |

# Sample Report

**File Name** 113SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:34:47

**Sample Name** **LCSSRM 460-1020425/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 496.939 | ug/l | 5.6 | 2000 | |
| B | 11 | 6 | No Gas | 445.626 | ug/l | 2.2 | 2000 | |
| Na | 23 | 45 | He | 1344.476 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 6159.205 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 18715.427 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 6492.115 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 16158.746 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 575.351 | ug/l | 2.4 | 10000 | |
| V | 51 | 45 | He | 534.784 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 670.316 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 823.599 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 20886.874 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 444.854 | ug/l | 0.3 | 2000 | |
| Ni | 60 | 45 | He | 963.216 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 632.188 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 768.355 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 779.313 | ug/l | 1.0 | 5000 | |
| Se | 78 | 45 | H2 | 884.608 | ug/l | 0.9 | 3000 | |
| Sr | 88 | 115 | He | 286.437 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 294.037 | ug/l | 0.8 | 2000 | |
| Ag | 107 | 115 | He | 250.186 | ug/l | 0.8 | 1000 | |
| Cd | 111 | 115 | He | 266.517 | ug/l | 0.4 | 5000 | |
| Sn | 118 | 115 | He | 288.083 | ug/l | 1.0 | 2000 | |
| Sb | 121 | 115 | He | 219.231 | ug/l | 0.7 | 1000 | |
| Ba | 137 | 159 | He | 885.541 | ug/l | 3.3 | 20000 | |
| Tl | 205 | 209 | He | 365.398 | ug/l | 1.0 | 1000 | |
| [Pb] | 206 | 209 | He | 646.557 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 615.640 | ug/l | 0.6 | | |
| Pb | 208 | 209 | He | 660.353 | ug/l | 0.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3429860.68 | 3.5 | 106.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6070943.59 | 2.7 | 97.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1837857.11 | 2.3 | 88.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46440.31 | 0.8 | 89.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375517.44 | 0.2 | 94.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31887.52 | 1.5 | 96.9 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71956.98 | 0.7 | 90.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 438924.46 | 1.3 | 95.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 351840.37 | 0.5 | 94.6 | 70 | 140 | |

# Sample Report

**File Name** 114SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:37:20

**Sample Name** **PDS 460-319929-H-1-H**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 25.992 | ug/l | 6.2 | 2000 | |
| B | 11 | 6 | No Gas | 496.003 | ug/l | 2.7 | 2000 | |
| Na | 23 | 45 | He | 2879.699 | ug/l | 2.1 | 500000 | |
| Mg | 24 | 45 | He | 7592.399 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 16010.127 | ug/l | 2.4 | 500000 | |
| K | 39 | 45 | He | 4500.480 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 8515.318 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 945.532 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 92.276 | ug/l | 2.2 | 5000 | |
| Cr | 52 | 45 | He | 89.760 | ug/l | 3.1 | 20000 | |
| Mn | 55 | 45 | He | 459.628 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 30040.112 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 33.877 | ug/l | 2.5 | 2000 | |
| Ni | 60 | 45 | He | 86.397 | ug/l | 1.1 | 20000 | |
| Cu | 63 | 45 | He | 84.523 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 474.454 | ug/l | 2.5 | 20000 | |
| As | 75 | 45 | He | 58.610 | ug/l | 6.1 | 5000 | |
| Se | 78 | 45 | H2 | 51.578 | ug/l | 2.7 | 3000 | |
| Sr | 88 | 115 | He | 76.897 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 50.290 | ug/l | 1.6 | 2000 | |
| Ag | 107 | 115 | He | 24.653 | ug/l | 0.2 | 1000 | |
| Cd | 111 | 115 | He | 25.211 | ug/l | 3.3 | 5000 | |
| Sn | 118 | 115 | He | 62.468 | ug/l | 2.9 | 2000 | |
| Sb | 121 | 115 | He | 25.351 | ug/l | 0.5 | 1000 | |
| Ba | 137 | 159 | He | 145.349 | ug/l | 4.0 | 20000 | |
| Tl | 205 | 209 | He | 19.836 | ug/l | 0.9 | 1000 | |
| [Pb] | 206 | 209 | He | 84.380 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 82.361 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 83.441 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3171774.19 | 3.5 | 98.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5751473.80 | 3.1 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1813973.98 | 1.3 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46282.12 | 2.2 | 89.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375679.77 | 0.4 | 94.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 32170.54 | 0.5 | 97.7 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71119.71 | 2.0 | 89.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 431498.00 | 0.6 | 93.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 349097.72 | 1.1 | 93.9 | 70 | 140 | |

# Sample Report

**File Name** 115SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:39:54

**Sample Name** **460-319929-H-1-J MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 41.149 | ug/l | 1.3 | 2000 | |
| B | 11 | 6 | No Gas | 771.745 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 4762.709 | ug/l | 0.7 | 500000 | |
| Mg | 24 | 45 | He | 8822.511 | ug/l | 1.7 | 500000 | |
| Al | 27 | 45 | He | 19645.349 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 6923.198 | ug/l | 2.7 | 500000 | |
| Ca | 40 | 45 | H2 | 9905.937 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 1142.397 | ug/l | 2.2 | 10000 | |
| V | 51 | 45 | He | 131.047 | ug/l | 1.6 | 5000 | |
| Cr | 52 | 45 | He | 123.067 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 631.175 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 26721.106 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 51.779 | ug/l | 0.6 | 2000 | |
| Ni | 60 | 45 | He | 118.404 | ug/l | 1.1 | 20000 | |
| Cu | 63 | 45 | He | 118.568 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 647.113 | ug/l | 2.7 | 20000 | |
| As | 75 | 45 | He | 88.780 | ug/l | 4.1 | 5000 | |
| Se | 78 | 45 | H2 | 84.664 | ug/l | 1.4 | 3000 | |
| Sr | 88 | 115 | He | 113.448 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 83.812 | ug/l | 2.3 | 2000 | |
| Ag | 107 | 115 | He | 42.739 | ug/l | 0.7 | 1000 | |
| Cd | 111 | 115 | He | 41.806 | ug/l | 1.2 | 5000 | |
| Sn | 118 | 115 | He | 98.819 | ug/l | 1.4 | 2000 | |
| Sb | 121 | 115 | He | 31.915 | ug/l | 0.3 | 1000 | |
| Ba | 137 | 159 | He | 184.638 | ug/l | 2.6 | 20000 | |
| Tl | 205 | 209 | He | 33.924 | ug/l | 1.0 | 1000 | |
| [Pb] | 206 | 209 | He | 151.584 | ug/l | 1.0 | | |
| [Pb] | 207 | 209 | He | 150.099 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 149.823 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3435319.43 | 4.2 | 106.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6016421.37 | 3.2 | 96.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1816606.36 | 1.4 | 87.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45681.21 | 0.7 | 88.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373173.10 | 0.4 | 93.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 31768.40 | 1.0 | 96.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71265.62 | 0.6 | 89.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 434966.80 | 1.2 | 94.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 352660.62 | 0.9 | 94.8 | 70 | 140 | |

# Sample Report

**File Name** 116SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:42:27

**Sample Name** **460-319929-H-1-I DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.594 | ug/l | 4.1 | 2000 | |
| B | 11 | 6 | No Gas | 16.073 | ug/l | 4.3 | 2000 | |
| Na | 23 | 45 | He | 275.963 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 4022.603 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 13286.461 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 2191.338 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 5635.886 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 840.367 | ug/l | 2.6 | 10000 | |
| V | 51 | 45 | He | 41.697 | ug/l | 1.4 | 5000 | |
| Cr | 52 | 45 | He | 38.481 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 184.570 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | 22536.108 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 9.368 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 32.436 | ug/l | 0.6 | 20000 | |
| Cu | 63 | 45 | He | 32.348 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 227.372 | ug/l | 1.9 | 20000 | |
| As | 75 | 45 | He | 7.610 | ug/l | 10.1 | 5000 | |
| Se | 78 | 45 | H2 | 0.843 | ug/l | 44.1 | 3000 | |
| Sr | 88 | 115 | He | 27.468 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 1.713 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 0.178 | ug/l | 12.1 | 1000 | |
| Cd | 111 | 115 | He | 0.569 | ug/l | 36.0 | 5000 | |
| Sn | 118 | 115 | He | 14.584 | ug/l | 5.6 | 2000 | |
| Sb | 121 | 115 | He | 0.571 | ug/l | 31.6 | 1000 | |
| Ba | 137 | 159 | He | 92.236 | ug/l | 0.8 | 20000 | |
| Tl | 205 | 209 | He | 0.153 | ug/l | 3.1 | 1000 | |
| [Pb] | 206 | 209 | He | 52.323 | ug/l | 2.0 | | |
| [Pb] | 207 | 209 | He | 51.051 | ug/l | 0.6 | | |
| Pb | 208 | 209 | He | 51.668 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3250401.00 | 4.7 | 101.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5949836.37 | 2.6 | 95.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1826029.84 | 0.8 | 87.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45855.09 | 1.0 | 88.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376067.74 | 0.9 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32018.99 | 1.6 | 97.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70665.87 | 1.1 | 88.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 437241.56 | 0.6 | 94.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 354072.91 | 0.2 | 95.2 | 70 | 140 | |

# Sample Report

**File Name** 117SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:44:59

**Sample Name** **460-319929-H-1-H**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.743 | ug/l | 7.7 | 2000 | |
| B | 11 | 6 | No Gas | 9.069 | ug/l | 13.5 | 2000 | |
| Na | 23 | 45 | He | 237.484 | ug/l | 1.5 | 500000 | |
| Mg | 24 | 45 | He | 5125.779 | ug/l | 2.4 | 500000 | |
| Al | 27 | 45 | He | 13353.528 | ug/l | 0.4 | 500000 | |
| K | 39 | 45 | He | 2097.776 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 6039.435 | ug/l | 0.6 | 1000000 | |
| Ti | 47 | 45 | He | 921.283 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 41.327 | ug/l | 0.2 | 5000 | |
| Cr | 52 | 45 | He | 39.011 | ug/l | 2.7 | 20000 | |
| Mn | 55 | 45 | He | 221.457 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 27441.760 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 9.080 | ug/l | 4.0 | 2000 | |
| Ni | 60 | 45 | He | 37.770 | ug/l | 2.1 | 20000 | |
| Cu | 63 | 45 | He | 34.572 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 229.032 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 6.734 | ug/l | 5.1 | 5000 | |
| Se | 78 | 45 | H2 | 0.635 | ug/l | 30.7 | 3000 | |
| Sr | 88 | 115 | He | 27.032 | ug/l | 2.3 | 5000 | |
| Mo | 95 | 115 | He | 1.574 | ug/l | 0.9 | 2000 | |
| Ag | 107 | 115 | He | 0.144 | ug/l | 18.3 | 1000 | |
| Cd | 111 | 115 | He | 0.673 | ug/l | 12.8 | 5000 | |
| Sn | 118 | 115 | He | 12.657 | ug/l | 2.7 | 2000 | |
| Sb | 121 | 115 | He | 0.330 | ug/l | 24.2 | 1000 | |
| Ba | 137 | 159 | He | 97.611 | ug/l | 2.9 | 20000 | |
| Tl | 205 | 209 | He | 0.139 | ug/l | 10.4 | 1000 | |
| [Pb] | 206 | 209 | He | 59.392 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 57.494 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 58.408 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3320108.67 | 7.3 | 103.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5848875.61 | 4.6 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1825985.60 | 1.1 | 87.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45634.46 | 0.6 | 87.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373118.62 | 0.8 | 93.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 32105.83 | 0.7 | 97.5 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71294.35 | 0.6 | 89.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 437274.88 | 0.9 | 94.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 353351.36 | 0.9 | 95.0 | 70 | 140 | |

# Sample Report

**File Name** 118SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:47:33

**Sample Name** **SD 460-319929-H-1-H@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.135 | ug/l | 4.8 | 2000 | |
| B | 11 | 6 | No Gas | 3.018 | ug/l | 12.4 | 2000 | |
| Na | 23 | 45 | He | 38.867 | ug/l | 6.7 | 500000 | |
| Mg | 24 | 45 | He | 1040.706 | ug/l | 2.3 | 500000 | |
| Al | 27 | 45 | He | 2731.947 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 430.266 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 1238.445 | ug/l | 3.1 | 1000000 | |
| Ti | 47 | 45 | He | 188.859 | ug/l | 1.5 | 10000 | |
| V | 51 | 45 | He | 8.476 | ug/l | 2.5 | 5000 | |
| Cr | 52 | 45 | He | 7.768 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 44.660 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 5517.249 | ug/l | 2.6 | 500000 | |
| Co | 59 | 45 | He | 1.814 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 7.814 | ug/l | 1.3 | 20000 | |
| Cu | 63 | 45 | He | 6.843 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 40.039 | ug/l | 2.2 | 20000 | |
| As | 75 | 45 | He | 1.123 | ug/l | 42.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.213 | ug/l | 15.5 | 3000 | |
| Sr | 88 | 115 | He | 5.506 | ug/l | 5.9 | 5000 | |
| Mo | 95 | 115 | He | 0.303 | ug/l | 21.7 | 2000 | |
| Ag | 107 | 115 | He | 0.027 | ug/l | 15.4 | 1000 | |
| Cd | 111 | 115 | He | 0.081 | ug/l | 93.0 | 5000 | |
| Sn | 118 | 115 | He | 2.694 | ug/l | 21.1 | 2000 | |
| Sb | 121 | 115 | He | 0.100 | ug/l | 29.0 | 1000 | |
| Ba | 137 | 159 | He | 18.625 | ug/l | 7.3 | 20000 | |
| Tl | 205 | 209 | He | 0.007 | ug/l | 178.8 | 1000 | |
| [Pb] | 206 | 209 | He | 11.540 | ug/l | 2.0 | | |
| [Pb] | 207 | 209 | He | 11.338 | ug/l | 2.6 | | |
| Pb | 208 | 209 | He | 11.339 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3372514.74 | 4.1 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5921355.68 | 3.2 | 95.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1827121.10 | 2.3 | 87.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45337.84 | 1.3 | 87.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 363014.14 | 0.8 | 90.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31240.52 | 0.2 | 94.9 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 91.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72714.14 | 1.6 | 91.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 437522.09 | 0.8 | 94.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 361039.74 | 0.5 | 97.1 | 70 | 140 | |

# Sample Report

**File Name** 119SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:50:04

**Sample Name** **460-319953-A-10-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.011 | ug/l | 63.6 | 2000 | |
| B | 11 | 6 | No Gas | 622.368 | ug/l | 4.6 | 2000 | |
| Na | 23 | 45 | He | 1560169.379 | ug/l | 1.9 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 185872.968 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 57.084 | ug/l | 15.8 | 500000 | |
| K | 39 | 45 | He | 56174.823 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 60474.193 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 0.975 | ug/l | 18.8 | 10000 | |
| V | 51 | 45 | He | 0.355 | ug/l | 14.9 | 5000 | |
| Cr | 52 | 45 | He | 0.026 | ug/l | 546.1 | 20000 | |
| Mn | 55 | 45 | He | 6.184 | ug/l | 6.1 | 20000 | |
| Fe | 56 | 45 | H2 | 105.304 | ug/l | 1.3 | 500000 | |
| Co | 59 | 45 | He | 0.047 | ug/l | 34.5 | 2000 | |
| Ni | 60 | 45 | He | -0.186 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.542 | ug/l | 5.2 | 20000 | |
| Zn | 66 | 45 | He | -6.152 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.275 | ug/l | 65.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.188 | ug/l | 42.6 | 3000 | |
| Sr | 88 | 115 | He | 1119.412 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 1.663 | ug/l | 6.7 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 69.0 | 1000 | |
| Cd | 111 | 115 | He | 0.013 | ug/l | 242.1 | 5000 | |
| Sn | 118 | 115 | He | 0.006 | ug/l | 1575.8 | 2000 | |
| Sb | 121 | 115 | He | 0.012 | ug/l | 498.9 | 1000 | |
| Ba | 137 | 159 | He | 2.541 | ug/l | 10.4 | 20000 | |
| Tl | 205 | 209 | He | -0.024 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.335 | ug/l | 10.4 | | |
| [Pb] | 207 | 209 | He | 0.294 | ug/l | 1.4 | | |
| Pb | 208 | 209 | He | 0.326 | ug/l | 4.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3151206.76 | 4.3 | 98.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5819753.73 | 2.1 | 93.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1824768.95 | 0.5 | 87.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47242.89 | 1.1 | 91.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358106.30 | 0.7 | 89.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 31783.93 | 1.2 | 96.5 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69569.63 | 0.6 | 87.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 422383.33 | 1.1 | 91.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 321841.55 | 0.4 | 86.5 | 70 | 140 | |

# Sample Report

**File Name** 120SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:54:12

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.005 | ug/l | 111.6 | 2000 | |
| B | 11 | 6 | No Gas | 2.908 | ug/l | 7.0 | 2000 | |
| Na | 23 | 45 | He | 16.990 | ug/l | 5.8 | 500000 | |
| Mg | 24 | 45 | He | 3.996 | ug/l | 14.7 | 500000 | |
| Al | 27 | 45 | He | -1.261 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 4.690 | ug/l | 188.5 | 500000 | |
| Ca | 40 | 45 | H2 | 4.687 | ug/l | 27.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.465 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.038 | ug/l | 201.5 | 5000 | |
| Cr | 52 | 45 | He | -0.171 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.005 | ug/l | 2779.5 | 20000 | |
| Fe | 56 | 45 | H2 | 1.134 | ug/l | 11.2 | 500000 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.172 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.032 | ug/l | 78.6 | 20000 | |
| Zn | 66 | 45 | He | -7.411 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.031 | ug/l | 466.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.079 | ug/l | 28.5 | 3000 | |
| Sr | 88 | 115 | He | 0.003 | ug/l | 580.5 | 5000 | |
| Mo | 95 | 115 | He | 0.028 | ug/l | 135.3 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 270.9 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.153 | ug/l | 164.8 | 2000 | |
| Sb | 121 | 115 | He | 0.004 | ug/l | 1329.0 | 1000 | |
| Ba | 137 | 159 | He | -0.073 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.023 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.059 | ug/l | 44.7 | | |
| [Pb] | 207 | 209 | He | 0.050 | ug/l | 34.0 | | |
| Pb | 208 | 209 | He | 0.040 | ug/l | 47.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3442735.30 | 2.1 | 107.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6053457.34 | 1.9 | 97.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1911261.36 | 1.3 | 91.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50256.91 | 0.8 | 96.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374444.47 | 0.9 | 93.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32608.13 | 1.2 | 99.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 77786.19 | 0.8 | 97.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 454381.95 | 2.0 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 369501.38 | 1.0 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 121SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:56:47

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.002 | ug/l | 242.7 | 2000 | |
| B | 11 | 6 | No Gas | 1.331 | ug/l | 16.9 | 2000 | |
| Na | 23 | 45 | He | 10.335 | ug/l | 100.4 | 500000 | |
| Mg | 24 | 45 | He | 2.237 | ug/l | 69.3 | 500000 | |
| Al | 27 | 45 | He | 1.039 | ug/l | 227.8 | 500000 | |
| K | 39 | 45 | He | 5.851 | ug/l | 87.6 | 500000 | |
| Ca | 40 | 45 | H2 | 5.215 | ug/l | 21.3 | 1000000 | |
| Ti | 47 | 45 | He | -0.111 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.072 | ug/l | 13.6 | 5000 | |
| Cr | 52 | 45 | He | -0.425 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.094 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.123 | ug/l | 23.9 | 500000 | |
| Co | 59 | 45 | He | -0.008 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.153 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.028 | ug/l | 40.6 | 20000 | |
| Zn | 66 | 45 | He | -6.868 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.078 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.088 | ug/l | 162.5 | 3000 | |
| Sr | 88 | 115 | He | -0.016 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.023 | ug/l | 46.4 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 554.8 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.033 | ug/l | 320.7 | 2000 | |
| Sb | 121 | 115 | He | 0.006 | ug/l | 958.8 | 1000 | |
| Ba | 137 | 159 | He | 0.000 | ug/l | 16885.4 | 20000 | |
| Tl | 205 | 209 | He | -0.027 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.031 | ug/l | 30.5 | | |
| [Pb] | 207 | 209 | He | 0.015 | ug/l | 98.9 | | |
| Pb | 208 | 209 | He | 0.018 | ug/l | 21.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3523478.31 | 6.5 | 109.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6362876.02 | 3.2 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1948675.04 | 1.0 | 93.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49885.68 | 1.7 | 96.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378257.47 | 1.7 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32695.08 | 0.7 | 99.3 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 78923.35 | 1.6 | 99.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 460429.60 | 0.7 | 99.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 372309.73 | 1.7 | 100.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 122_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 14:59:20

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 105.458 | ug/l | 6.4 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 245.704 | ug/l | 3.4 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 27245.829 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26548.057 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 26222.310 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25539.521 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24477.923 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 103.522 | ug/l | 3.3 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.674 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 103.568 | ug/l | 0.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 103.105 | ug/l | 1.6 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24637.724 | ug/l | 0.2 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 103.249 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 101.515 | ug/l | 1.5 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 104.528 | ug/l | 1.4 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 255.912 | ug/l | 3.1 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 104.887 | ug/l | 3.7 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 99.905 | ug/l | 0.8 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 100.921 | ug/l | 2.7 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 99.416 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.354 | ug/l | 1.5 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 102.516 | ug/l | 3.2 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.606 | ug/l | 0.3 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 102.247 | ug/l | 0.3 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.188 | ug/l | 2.4 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 101.340 | ug/l | 1.1 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.919 | ug/l | 0.5 | | | | |
| [Pb] | 207 | 209 | He | 100.941 | ug/l | 1.5 | | | | |
| Pb | 208 | 209 | He | 100.783 | ug/l | 1.0 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3286365.96 | 3.2 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5845868.94 | 3.1 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1876752.89 | 0.5 | 90.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46099.05 | 1.0 | 88.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374207.65 | 0.8 | 93.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 32045.65 | 1.3 | 97.3 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 72316.79 | 1.0 | 90.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 440360.61 | 0.6 | 95.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 349728.37 | 0.2 | 94.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 123_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:01:52

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.011 | ug/l | 57.0 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.634 | ug/l | 20.2 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -11.059 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.526 | ug/l | 37.1 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -1.537 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 2.203 | ug/l | 701.8 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 3.158 | ug/l | 17.9 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.704 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.042 | ug/l | 73.2 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.032 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.045 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 3.218 | ug/l | 13.6 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.000 | ug/l | 609258.3 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.091 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.095 | ug/l | 71.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.629 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.041 | ug/l | 211.6 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.237 | ug/l | 33.8 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.038 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.093 | ug/l | 6.5 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 162.0 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 327.6 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.022 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.075 | ug/l | 74.6 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.143 | ug/l | 32.4 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.025 | ug/l | 44.7 | | | | |
| [Pb] | 207 | 209 | He | 0.027 | ug/l | 112.6 | | | | |
| Pb | 208 | 209 | He | 0.033 | ug/l | 21.9 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3373269.25 | 3.9 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5844151.93 | 1.4 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1835445.95 | 0.8 | 88.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47129.25 | 0.7 | 90.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358028.03 | 0.7 | 89.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30940.92 | 0.7 | 94.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 74629.01 | 0.1 | 93.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 445693.64 | 0.9 | 96.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 365603.86 | 0.5 | 98.3 | 70 | 140 | |

# Sample Report

**File Name** 124SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:04:25

**Sample Name** **MB 460-1020447/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.003 | ug/l | 172.0 | 2000 | |
| B | 11 | 6 | No Gas | 0.839 | ug/l | 31.9 | 2000 | |
| Na | 23 | 45 | He | -13.470 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 2.104 | ug/l | 122.6 | 500000 | |
| Al | 27 | 45 | He | -1.566 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 11.928 | ug/l | 101.5 | 500000 | |
| Ca | 40 | 45 | H2 | 2.613 | ug/l | 32.8 | 1000000 | |
| Ti | 47 | 45 | He | -0.500 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.029 | ug/l | 90.3 | 5000 | |
| Cr | 52 | 45 | He | -0.099 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.122 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.109 | ug/l | 22.8 | 500000 | |
| Co | 59 | 45 | He | 0.004 | ug/l | 440.2 | 2000 | |
| Ni | 60 | 45 | He | -0.063 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.016 | ug/l | 405.7 | 20000 | |
| Zn | 66 | 45 | He | -7.111 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.107 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.032 | ug/l | 274.0 | 3000 | |
| Sr | 88 | 115 | He | -0.021 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.030 | ug/l | 129.4 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 64.1 | 1000 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 84.8 | 5000 | |
| Sn | 118 | 115 | He | -0.050 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.025 | ug/l | 210.9 | 1000 | |
| Ba | 137 | 159 | He | 0.081 | ug/l | 131.5 | 20000 | |
| Tl | 205 | 209 | He | -0.021 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.027 | ug/l | 110.5 | | |
| [Pb] | 207 | 209 | He | 0.013 | ug/l | 111.4 | | |
| Pb | 208 | 209 | He | 0.026 | ug/l | 7.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3569441.20 | 3.1 | 111.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6133380.05 | 1.9 | 98.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1873611.74 | 2.0 | 89.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49073.79 | 0.6 | 94.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364402.54 | 1.4 | 91.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31827.34 | 0.9 | 96.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75785.78 | 1.1 | 95.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 447137.94 | 0.8 | 97.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 369567.55 | 0.3 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 125SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:07:00

**Sample Name** **LCS 460-1020447/2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 23.583 | ug/l | 0.8 | 2000 | |
| B | 11 | 6 | No Gas | 436.136 | ug/l | 1.5 | 2000 | |
| Na | 23 | 45 | He | 2567.125 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 2620.446 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 2577.733 | ug/l | 2.9 | 500000 | |
| K | 39 | 45 | He | 2533.996 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 2495.745 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 50.025 | ug/l | 5.9 | 10000 | |
| V | 51 | 45 | He | 50.473 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 49.426 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 251.313 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 2525.306 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 25.553 | ug/l | 3.6 | 2000 | |
| Ni | 60 | 45 | He | 49.593 | ug/l | 3.4 | 20000 | |
| Cu | 63 | 45 | He | 52.441 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 242.388 | ug/l | 0.2 | 20000 | |
| As | 75 | 45 | He | 49.927 | ug/l | 8.5 | 5000 | |
| Se | 78 | 45 | H2 | 49.839 | ug/l | 3.5 | 3000 | |
| Sr | 88 | 115 | He | 52.193 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 49.404 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 25.508 | ug/l | 2.6 | 1000 | |
| Cd | 111 | 115 | He | 24.737 | ug/l | 0.5 | 5000 | |
| Sn | 118 | 115 | He | 54.631 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 25.434 | ug/l | 5.3 | 1000 | |
| Ba | 137 | 159 | He | 51.033 | ug/l | 5.5 | 20000 | |
| Tl | 205 | 209 | He | 20.067 | ug/l | 2.6 | 1000 | |
| [Pb] | 206 | 209 | He | 25.388 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 24.905 | ug/l | 2.6 | | |
| Pb | 208 | 209 | He | 25.099 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3754789.94 | 1.1 | 116.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6543575.39 | 0.9 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1956771.28 | 1.3 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50250.29 | 0.6 | 96.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374483.05 | 0.4 | 93.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32304.10 | 0.2 | 98.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75961.97 | 0.2 | 95.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 453871.88 | 1.8 | 98.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 365730.00 | 0.7 | 98.3 | 70 | 140 | |

# Sample Report

**File Name** 126SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:09:31

**Sample Name** **PDS 460-319953-A-11-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 22.637 | ug/l | 0.3 | 2000 | |
| B | 11 | 6 | No Gas | 1013.591 | ug/l | 3.2 | 2000 | |
| Na | 23 | 45 | He | 1507526.075 | ug/l | 1.5 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 183003.286 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 2508.995 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 57856.467 | ug/l | 0.2 | 500000 | |
| Ca | 40 | 45 | H2 | 60119.406 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 51.555 | ug/l | 8.2 | 10000 | |
| V | 51 | 45 | He | 50.798 | ug/l | 2.0 | 5000 | |
| Cr | 52 | 45 | He | 47.542 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 240.584 | ug/l | 0.2 | 20000 | |
| Fe | 56 | 45 | H2 | 2479.244 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 23.512 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 45.600 | ug/l | 1.2 | 20000 | |
| Cu | 63 | 45 | He | 46.637 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 232.814 | ug/l | 2.5 | 20000 | |
| As | 75 | 45 | He | 50.310 | ug/l | 2.8 | 5000 | |
| Se | 78 | 45 | H2 | 48.911 | ug/l | 4.7 | 3000 | |
| Sr | 88 | 115 | He | 1163.680 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 51.106 | ug/l | 1.4 | 2000 | |
| Ag | 107 | 115 | He | 23.128 | ug/l | 0.4 | 1000 | |
| Cd | 111 | 115 | He | 22.886 | ug/l | 4.1 | 5000 | |
| Sn | 118 | 115 | He | 49.634 | ug/l | 1.0 | 2000 | |
| Sb | 121 | 115 | He | 24.167 | ug/l | 0.8 | 1000 | |
| Ba | 137 | 159 | He | 52.152 | ug/l | 4.0 | 20000 | |
| Tl | 205 | 209 | He | 19.777 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 25.540 | ug/l | 3.0 | | |
| [Pb] | 207 | 209 | He | 24.674 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 25.033 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3344843.84 | 1.2 | 104.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6143460.60 | 1.7 | 98.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1872159.09 | 0.7 | 89.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49558.92 | 0.3 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372839.80 | 0.2 | 93.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 33395.59 | 0.5 | 101.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72937.24 | 0.6 | 91.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 433231.22 | 0.3 | 94.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 325994.32 | 0.5 | 87.7 | 70 | 140 | |

# Sample Report

**File Name** 127SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:12:02

**Sample Name** **460-319953-A-11-C MS@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 4.840 | ug/l | 5.1 | 2000 | |
| B | 11 | 6 | No Gas | 634.642 | ug/l | 0.7 | 2000 | |
| Na | 23 | 45 | He | 1500485.948 | ug/l | 1.7 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 180189.441 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 561.444 | ug/l | 1.9 | 500000 | |
| K | 39 | 45 | He | 54706.043 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 57752.217 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 10.640 | ug/l | 21.6 | 10000 | |
| V | 51 | 45 | He | 9.974 | ug/l | 3.2 | 5000 | |
| Cr | 52 | 45 | He | 9.767 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 52.222 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | 572.664 | ug/l | 2.1 | 500000 | |
| Co | 59 | 45 | He | 4.749 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 8.846 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 9.737 | ug/l | 3.4 | 20000 | |
| Zn | 66 | 45 | He | 39.926 | ug/l | 3.6 | 20000 | |
| As | 75 | 45 | He | 10.232 | ug/l | 20.1 | 5000 | |
| Se | 78 | 45 | H2 | 9.552 | ug/l | 9.7 | 3000 | |
| Sr | 88 | 115 | He | 1110.100 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 12.003 | ug/l | 0.4 | 2000 | |
| Ag | 107 | 115 | He | 4.652 | ug/l | 0.9 | 1000 | |
| Cd | 111 | 115 | He | 4.887 | ug/l | 6.6 | 5000 | |
| Sn | 118 | 115 | He | 10.433 | ug/l | 5.9 | 2000 | |
| Sb | 121 | 115 | He | 4.977 | ug/l | 4.1 | 1000 | |
| Ba | 137 | 159 | He | 12.708 | ug/l | 6.2 | 20000 | |
| Tl | 205 | 209 | He | 3.975 | ug/l | 2.3 | 1000 | |
| [Pb] | 206 | 209 | He | 5.209 | ug/l | 4.0 | | |
| [Pb] | 207 | 209 | He | 5.251 | ug/l | 3.8 | | |
| Pb | 208 | 209 | He | 5.191 | ug/l | 2.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3580948.07 | 1.5 | 111.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6266476.50 | 2.1 | 100.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1910376.57 | 2.6 | 91.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50304.98 | 0.4 | 96.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380042.46 | 1.4 | 95.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 33544.82 | 1.0 | 101.9 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72588.91 | 1.2 | 91.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 435296.56 | 0.7 | 94.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 325845.76 | 0.5 | 87.6 | 70 | 140 | |

# Sample Report

**File Name** 128SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:14:31

**Sample Name** **460-319953-A-11-B DU@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.009 | ug/l | 78.2 | 2000 | |
| B | 11 | 6 | No Gas | 578.927 | ug/l | 6.5 | 2000 | |
| Na | 23 | 45 | He | 1521001.536 | ug/l | 1.2 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 182753.409 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 42.398 | ug/l | 17.7 | 500000 | |
| K | 39 | 45 | He | 55076.646 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 57749.410 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 0.818 | ug/l | 24.7 | 10000 | |
| V | 51 | 45 | He | 0.386 | ug/l | 19.4 | 5000 | |
| Cr | 52 | 45 | He | 0.043 | ug/l | 201.8 | 20000 | |
| Mn | 55 | 45 | He | 4.628 | ug/l | 4.9 | 20000 | |
| Fe | 56 | 45 | H2 | 81.285 | ug/l | 2.8 | 500000 | |
| Co | 59 | 45 | He | 0.024 | ug/l | 60.3 | 2000 | |
| Ni | 60 | 45 | He | -0.185 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.508 | ug/l | 13.4 | 20000 | |
| Zn | 66 | 45 | He | -6.186 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.166 | ug/l | 74.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.090 | ug/l | 37.3 | 3000 | |
| Sr | 88 | 115 | He | 1082.521 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 1.620 | ug/l | 8.1 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 53.0 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.045 | ug/l | 351.9 | 2000 | |
| Sb | 121 | 115 | He | 0.080 | ug/l | 18.0 | 1000 | |
| Ba | 137 | 159 | He | 2.207 | ug/l | 7.6 | 20000 | |
| Tl | 205 | 209 | He | -0.022 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.242 | ug/l | 13.2 | | |
| [Pb] | 207 | 209 | He | 0.224 | ug/l | 3.9 | | |
| Pb | 208 | 209 | He | 0.248 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3557515.78 | 6.6 | 110.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6179317.68 | 5.1 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1913296.48 | 2.0 | 91.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50600.54 | 0.6 | 97.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382127.27 | 0.4 | 95.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 33700.78 | 1.7 | 102.4 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74608.77 | 0.8 | 93.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 438969.98 | 0.3 | 95.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 328166.59 | 0.4 | 88.2 | 70 | 140 | |

# Sample Report

**File Name** 129SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:17:03

**Sample Name** **460-319953-A-11-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.004 | ug/l | 86.2 | 2000 | |
| B | 11 | 6 | No Gas | 613.663 | ug/l | 3.9 | 2000 | |
| Na | 23 | 45 | He | 1517527.506 | ug/l | 0.9 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 184883.691 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 39.635 | ug/l | 11.2 | 500000 | |
| K | 39 | 45 | He | 56144.090 | ug/l | 0.5 | 500000 | |
| Ca | 40 | 45 | H2 | 60079.041 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 1.831 | ug/l | 107.6 | 10000 | |
| V | 51 | 45 | He | 0.351 | ug/l | 12.7 | 5000 | |
| Cr | 52 | 45 | He | 0.175 | ug/l | 70.9 | 20000 | |
| Mn | 55 | 45 | He | 4.713 | ug/l | 3.6 | 20000 | |
| Fe | 56 | 45 | H2 | 76.730 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 0.019 | ug/l | 38.8 | 2000 | |
| Ni | 60 | 45 | He | -0.162 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.627 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | -5.888 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.290 | ug/l | 57.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.183 | ug/l | 38.2 | 3000 | |
| Sr | 88 | 115 | He | 1121.647 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 1.442 | ug/l | 10.8 | 2000 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 48.1 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.136 | ug/l | 63.5 | 2000 | |
| Sb | 121 | 115 | He | 0.069 | ug/l | 41.5 | 1000 | |
| Ba | 137 | 159 | He | 2.393 | ug/l | 15.0 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.265 | ug/l | 9.9 | | |
| [Pb] | 207 | 209 | He | 0.263 | ug/l | 5.7 | | |
| Pb | 208 | 209 | He | 0.257 | ug/l | 10.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3546621.82 | 3.7 | 110.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6338057.62 | 2.3 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1955886.43 | 2.1 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 52202.86 | 0.3 | 100.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 386541.36 | 1.1 | 96.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 34517.31 | 0.6 | 104.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75008.44 | 0.1 | 94.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 444571.69 | 0.4 | 96.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 334988.10 | 0.8 | 90.1 | 70 | 140 | |

# Sample Report

**File Name** 130SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:19:34

**Sample Name** **SD 460-319953-A-11-A@25**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.002 | ug/l | 246.4 | 2000 | |
| B | 11 | 6 | No Gas | 128.884 | ug/l | 3.8 | 2000 | |
| Na | 23 | 45 | He | 297726.244 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 36499.724 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 6.651 | ug/l | 45.3 | 500000 | |
| K | 39 | 45 | He | 11002.525 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 11904.658 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.204 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.134 | ug/l | 20.2 | 5000 | |
| Cr | 52 | 45 | He | -0.346 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1.089 | ug/l | 12.8 | 20000 | |
| Fe | 56 | 45 | H2 | 17.742 | ug/l | 2.2 | 500000 | |
| Co | 59 | 45 | He | 0.009 | ug/l | 37.7 | 2000 | |
| Ni | 60 | 45 | He | -0.214 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.446 | ug/l | 2.4 | 20000 | |
| Zn | 66 | 45 | He | -6.812 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.014 | ug/l | 518.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.058 | ug/l | 66.7 | 3000 | |
| Sr | 88 | 115 | He | 222.125 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 0.303 | ug/l | 30.1 | 2000 | |
| Ag | 107 | 115 | He | 0.000 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.008 | ug/l | 315.9 | 5000 | |
| Sn | 118 | 115 | He | 0.156 | ug/l | 113.7 | 2000 | |
| Sb | 121 | 115 | He | 0.052 | ug/l | 39.2 | 1000 | |
| Ba | 137 | 159 | He | 0.656 | ug/l | 19.8 | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.103 | ug/l | 21.6 | | |
| [Pb] | 207 | 209 | He | 0.112 | ug/l | 27.3 | | |
| Pb | 208 | 209 | He | 0.092 | ug/l | 18.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3646387.90 | 0.5 | 113.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6519221.29 | 0.3 | 104.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2049059.36 | 1.1 | 98.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 55710.12 | 1.1 | 107.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 411166.10 | 0.2 | 102.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 36257.34 | 1.2 | 110.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 81405.63 | 0.5 | 102.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 467892.05 | 0.6 | 101.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 359566.38 | 0.4 | 96.7 | 70 | 140 | |

# Sample Report

**File Name** 131SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:22:07

**Sample Name** **460-319953-A-12-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.008 | ug/l | 49.3 | 2000 | |
| B | 11 | 6 | No Gas | 642.201 | ug/l | 6.4 | 2000 | |
| Na | 23 | 45 | He | 1589192.374 | ug/l | 0.4 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 195226.363 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 66.726 | ug/l | 15.6 | 500000 | |
| K | 39 | 45 | He | 58779.316 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 60127.389 | ug/l | 0.6 | 1000000 | |
| Ti | 47 | 45 | He | 1.557 | ug/l | 29.1 | 10000 | |
| V | 51 | 45 | He | 0.463 | ug/l | 20.6 | 5000 | |
| Cr | 52 | 45 | He | 0.003 | ug/l | 3168.2 | 20000 | |
| Mn | 55 | 45 | He | 6.748 | ug/l | 5.1 | 20000 | |
| Fe | 56 | 45 | H2 | 116.675 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 0.067 | ug/l | 32.3 | 2000 | |
| Ni | 60 | 45 | He | -0.077 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.804 | ug/l | 8.2 | 20000 | |
| Zn | 66 | 45 | He | -5.503 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.186 | ug/l | 115.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.059 | ug/l | 185.6 | 3000 | |
| Sr | 88 | 115 | He | 1169.024 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 1.802 | ug/l | 14.5 | 2000 | |
| Ag | 107 | 115 | He | 0.013 | ug/l | 96.4 | 1000 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 165.3 | 5000 | |
| Sn | 118 | 115 | He | 0.261 | ug/l | 86.6 | 2000 | |
| Sb | 121 | 115 | He | 0.148 | ug/l | 71.0 | 1000 | |
| Ba | 137 | 159 | He | 2.636 | ug/l | 24.2 | 20000 | |
| Tl | 205 | 209 | He | -0.021 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.430 | ug/l | 9.8 | | |
| [Pb] | 207 | 209 | He | 0.437 | ug/l | 19.0 | | |
| Pb | 208 | 209 | He | 0.412 | ug/l | 7.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3373021.72 | 3.5 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6252519.91 | 1.7 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2020656.22 | 0.9 | 96.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 52268.86 | 1.7 | 100.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 403552.78 | 0.6 | 101.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 34790.24 | 1.2 | 105.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76134.41 | 1.4 | 95.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 447141.04 | 0.5 | 97.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 333708.74 | 0.5 | 89.7 | 70 | 140 | |

# Sample Report

**File Name** 132SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:24:38

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 7.394 | ug/l | 4.4 | 2000 | |
| Na | 23 | 45 | He | 201.003 | ug/l | 7.9 | 500000 | |
| Mg | 24 | 45 | He | 3.941 | ug/l | 19.1 | 500000 | |
| Al | 27 | 45 | He | -3.089 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 15.875 | ug/l | 115.2 | 500000 | |
| Ca | 40 | 45 | H2 | 4.526 | ug/l | 8.9 | 1000000 | |
| Ti | 47 | 45 | He | -0.491 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.013 | ug/l | 282.2 | 5000 | |
| Cr | 52 | 45 | He | -0.227 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.104 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.433 | ug/l | 88.6 | 500000 | |
| Co | 59 | 45 | He | -0.003 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.242 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.037 | ug/l | 212.1 | 20000 | |
| Zn | 66 | 45 | He | -6.837 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.035 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.053 | ug/l | 247.5 | 3000 | |
| Sr | 88 | 115 | He | 0.082 | ug/l | 125.0 | 5000 | |
| Mo | 95 | 115 | He | 0.055 | ug/l | 60.4 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 241.9 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.143 | ug/l | 149.9 | 2000 | |
| Sb | 121 | 115 | He | -0.025 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.037 | ug/l | 115.8 | 20000 | |
| Tl | 205 | 209 | He | -0.032 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.038 | ug/l | 12.4 | | |
| [Pb] | 207 | 209 | He | 0.019 | ug/l | 67.2 | | |
| Pb | 208 | 209 | He | 0.015 | ug/l | 61.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3827280.08 | 5.1 | 119.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6579668.17 | 3.2 | 105.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2131275.11 | 2.7 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 55265.95 | 1.9 | 106.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 404559.62 | 0.3 | 101.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 35611.21 | 0.7 | 108.2 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 84697.94 | 0.9 | 106.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 481163.27 | 0.8 | 104.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 388538.25 | 1.0 | 104.5 | 70 | 140 | |

# Sample Report

**File Name** 133SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:27:13

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.007 | ug/l | 54.3 | 2000 | |
| B | 11 | 6 | No Gas | 3.377 | ug/l | 13.1 | 2000 | |
| Na | 23 | 45 | He | 120.171 | ug/l | 3.6 | 500000 | |
| Mg | 24 | 45 | He | 2.430 | ug/l | 80.0 | 500000 | |
| Al | 27 | 45 | He | -2.944 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 20.220 | ug/l | 47.5 | 500000 | |
| Ca | 40 | 45 | H2 | 3.833 | ug/l | 32.2 | 1000000 | |
| Ti | 47 | 45 | He | -0.740 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.059 | ug/l | 126.3 | 5000 | |
| Cr | 52 | 45 | He | -0.061 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.153 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.225 | ug/l | 139.0 | 500000 | |
| Co | 59 | 45 | He | -0.012 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.238 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.004 | ug/l | 753.6 | 20000 | |
| Zn | 66 | 45 | He | -7.629 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.006 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | -0.010 | ug/l | N/A | 3000 | |
| Sr | 88 | 115 | He | 0.026 | ug/l | 94.7 | 5000 | |
| Mo | 95 | 115 | He | 0.061 | ug/l | 31.2 | 2000 | |
| Ag | 107 | 115 | He | 0.011 | ug/l | 85.5 | 1000 | |
| Cd | 111 | 115 | He | -0.001 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.035 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.008 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.006 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.023 | ug/l | 53.4 | | |
| [Pb] | 207 | 209 | He | 0.005 | ug/l | 550.6 | | |
| Pb | 208 | 209 | He | 0.013 | ug/l | 56.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3737181.82 | 4.9 | 116.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6640741.22 | 4.2 | 106.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2036162.90 | 2.3 | 97.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 53881.91 | 0.9 | 103.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 398112.76 | 0.5 | 99.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 34636.53 | 0.4 | 105.2 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 84152.04 | 0.2 | 105.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 481191.98 | 1.7 | 104.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 384097.77 | 0.8 | 103.3 | 70 | 140 | |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | ediicpms4 |
| **Acq/Data Batch** | C:\Agilent\ICPMH\1\DATA\NM021025.b |
| **Acq. Date-Time** | 2025-02-10 09:03:51 |
| **Report Comment** | EPA TUNE REPORT |
| **Instrument Name** | ICP-MS SG18143095 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | 10.00 | 3705 | 37048.32 | 0.00 | | 0.633 | 5.000 |
| 24 | 10.00 | 15083 | 150831.59 | 0.00 | | 0.482 | 5.000 |
| 25 | 10.00 | 2077 | 20772.77 | 0.00 | | 0.971 | 5.000 |
| 26 | 10.00 | 2470 | 24698.95 | 0.00 | | 1.129 | 5.000 |
| 59 | 10.00 | 28338 | 283384.92 | 0.00 | | 0.598 | 5.000 |
| 115 | 10.00 | 34433 | 344333.80 | 0.00 | | 0.552 | 5.000 |
| 206 | 10.00 | 8163 | 81633.12 | 0.00 | | 0.471 | 5.000 |
| 207 | 10.00 | 7141 | 71407.13 | 0.00 | | 0.484 | 5.000 |
| 208 | 10.00 | 17511 | 175111.11 | 0.00 | | 0.289 | 5.000 |

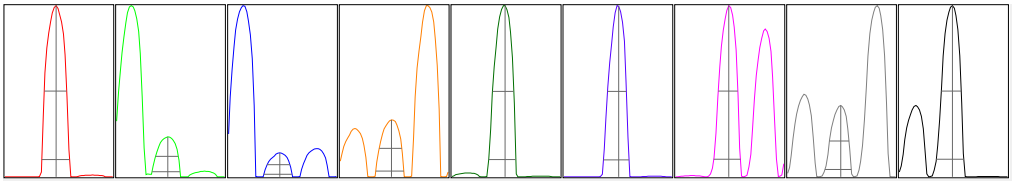
| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 3673 | 3702 | 3696 | 3734 | 3719 |
| 24 | 15179 | 15088 | 15062 | 14979 | 15108 |
| 25 | 2110 | 2080 | 2073 | 2057 | 2067 |
| 26 | 2512 | 2460 | 2479 | 2462 | 2437 |
| 59 | 28584 | 28206 | 28302 | 28172 | 28428 |
| 115 | 34608 | 34394 | 34501 | 34123 | 34541 |
| 206 | 8161 | 8199 | 8193 | 8161 | 8103 |
| 207 | 7166 | 7098 | 7184 | 7125 | 7130 |
| 208 | 17528 | 17507 | 17578 | 17506 | 17437 |

Integration Time [sec] 0.1

**Resolution/Axis**

# US EPA Tune Check Report



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 6415.54 | 8.95 | 8.90 - 9.10 | |
| 24 | 25512.36 | 23.95 | 23.90 - 24.10 | |
| 25 | 3573.65 | 24.95 | 24.90 - 25.10 | |
| 26 | 4204.93 | 25.95 | 25.90 - 26.10 | |
| 59 | 51177.41 | 59.00 | 58.90 - 59.10 | |
| 115 | 69707.06 | 115.05 | 114.90 - 115.10 | |
| 206 | 15884.89 | 206.00 | 205.90 - 206.10 | |
| 207 | 13720.34 | 207.00 | 206.90 - 207.10 | |
| 208 | 32975.73 | 208.00 | 207.90 - 208.10 | |

| Mass | W-50% | W-10% | W-10% (Required) | W-10% (Flag) |
|---|---|---|---|---|
| 9 | 0.61 | 0.758 | 0.900 | |
| 24 | 0.62 | 0.769 | 0.900 | |
| 25 | 0.63 | 0.771 | 0.900 | |
| 26 | 0.62 | 0.770 | 0.900 | |
| 59 | 0.58 | 0.741 | 0.900 | |
| 115 | 0.52 | 0.700 | 0.900 | |
| 206 | 0.54 | 0.728 | 0.900 | |
| 207 | 0.54 | 0.720 | 0.900 | |
| 208 | 0.54 | 0.756 | 0.900 | |

| | |
|---|---|
| Integration Time [sec] | 0.1 |
| Acquisition Time [sec] | 198.999999999998 |
| Y Axis | Linear |

## Tune Parameters

### Plasma Parameters

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | General Purpose | Nebulizer Gas | 1.09 L/min | Makeup Gas | 0.00 L/min |
| RF Power | 1550 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

### Lens Parameters

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.6 V | Deflect | 12.6 V |
| Extract 2 | -195.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -70 V | Cell Exit | -50 V | | |

### Cell Parameters

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | 0.0 mL/min | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 127 | Axis Gain | 1.0004 | QP Bias | -3.0 V |
| Mass Offset | 123 | Axis Offset | -0.03 | | |

**Hardware Settings**

**Torch**

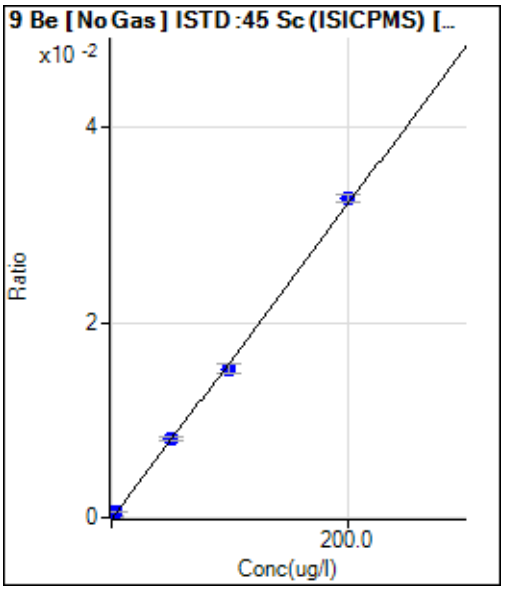
| | | | | | |
|---|---|---|---|---|---|
| Torch H | 1.4 mm | Torch V | -0.7 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.4 mV | Analog HV | 2263 V | Pulse HV | 1322 V |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021025.b\
Analysis File: NM021025.batch.bin
DA Date-Time: 2025-02-10 10:45:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

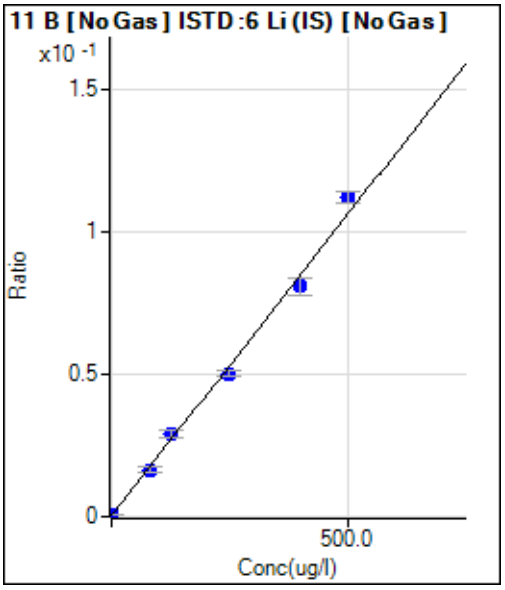
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-10 09:35:49 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-10 09:38:52 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-10 09:41:39 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-10 09:44:25 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-10 09:47:08 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-10 09:49:52 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 5.0 | |
| 2 | ☐ | 0.800 | 0.743 | 765.58 | 0.0001 | P | 9.8 | -7.1 |
| 3 | ☐ | 4.000 | 3.769 | 3790.53 | 0.0006 | P | 6.4 | -5.8 |
| 4 | ☐ | 50.000 | 50.155 | 49533.89 | 0.0081 | P | 4.6 | 0.3 |
| 5 | ☐ | 100.000 | 94.492 | 99759.90 | 0.0153 | P | 5.6 | -5.5 |
| 6 | ☐ | 200.000 | 202.720 | 196907.31 | 0.0328 | P | 2.6 | 1.4 |

y = 1.6172E-004 * x + 5.3560E-007
R = 0.9994
DL = 0.0005007 ug/l
BEC = 0.003312 ug/l

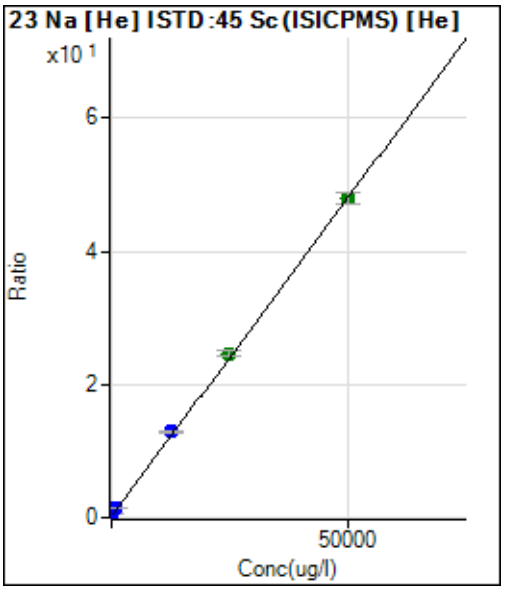
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2961.44 | 0.0009 | P | 5.6 | |
| 2 | ☐ | 80.000 | 73.725 | 55371.33 | 0.0165 | P | 9.4 | -7.8 |
| 3 | ☐ | 400.000 | 378.294 | 263356.02 | 0.0810 | P | 7.6 | -5.4 |
| 4 | ☐ | 125.000 | 131.805 | 89087.72 | 0.0288 | P | 8.6 | 5.4 |
| 5 | ☐ | 250.000 | 232.408 | 170089.62 | 0.0501 | P | 3.8 | -7.0 |
| 6 | ☐ | 500.000 | 525.464 | 335190.15 | 0.1122 | P | 3.6 | 5.1 |

y = 2.1174E-004 * x + 9.2377E-004
R = 0.9963
DL = 0.7388 ug/l
BEC = 4.363 ug/l

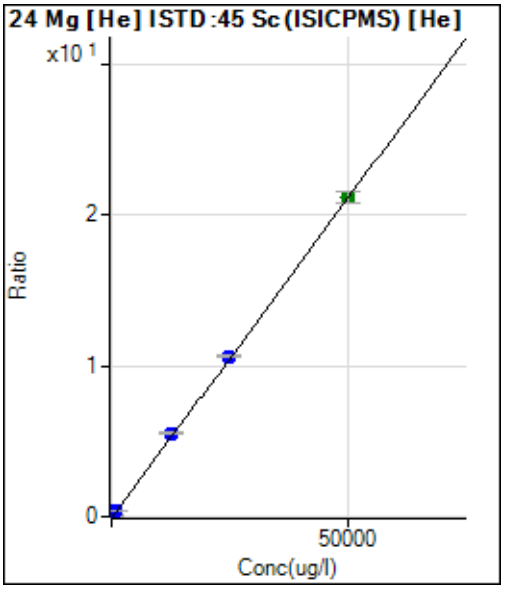
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 22966.66 | 0.4424 | P | 1.2 | |
| 2 | ☐ | 200.000 | 203.874 | 32701.47 | 0.6375 | P | 2.5 | 1.9 |
| 3 | ☐ | 1000.000 | 1034.174 | 73511.16 | 1.4319 | P | 1.1 | 3.4 |
| 4 | ☐ | 12500.00 | 13049.15 | 656262.90 | 12.927 | P | 1.9 | 4.4 |
| 5 | ☐ | 25000.00 | 25326.06 | 1281111.60 | 24.673 | A | 3.1 | 1.3 |
| 6 | ☐ | 50000.00 | 49698.97 | 2498446.21 | 47.992 | A | 3.2 | -0.6 |

y = 9.5676E-004 * x + 0.4424
R = 0.9999
DL = 16.69 ug/l
BEC = 462.4 ug/l

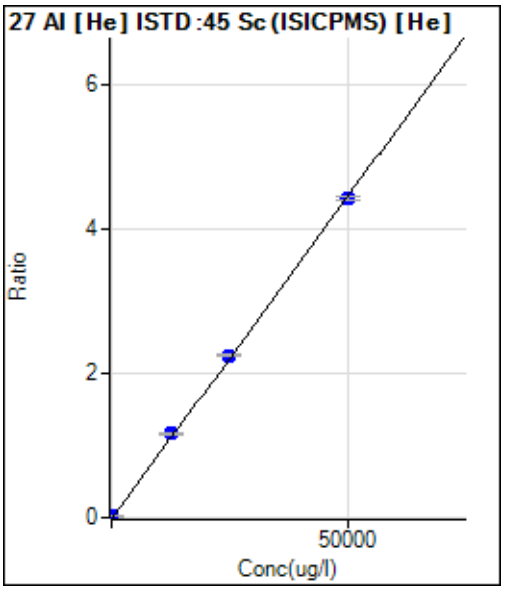
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0017 | P | 16.3 | |
| 2 | ☐ | 200.000 | 209.148 | 4644.14 | 0.0905 | P | 5.8 | 4.6 |
| 3 | ☐ | 1000.000 | 1024.267 | 22421.38 | 0.4368 | P | 2.0 | 2.4 |
| 4 | ☐ | 12500.00 | 12957.17 | 279466.17 | 5.5052 | P | 2.4 | 3.7 |
| 5 | ☐ | 25000.00 | 24967.03 | 550794.77 | 10.606 | P | 1.3 | -0.1 |
| 6 | ☐ | 50000.00 | 49901.66 | 1103555.35 | 21.197 | A | 3.8 | -0.2 |

y = 4.2475E-004 * x + 0.0017
R = 1.0000
DL = 1.972 ug/l
BEC = 4.02 ug/l

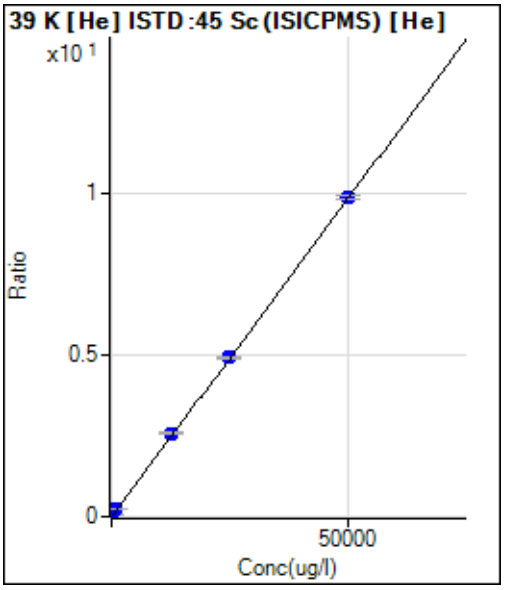
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -1.106 | 37.78 | 0.0007 | P | 60.9 | |
| 2 | ☐ | 40.000 | 47.848 | 261.12 | 0.0051 | P | 24.5 | 19.6 |
| 3 | ☐ | 200.000 | 193.816 | 932.26 | 0.0181 | P | 8.1 | -3.1 |
| 4 | ☐ | 12500.00 | 12990.68 | 59000.57 | 1.1621 | P | 1.2 | 3.9 |
| 5 | ☐ | 25000.00 | 25079.72 | 116469.08 | 2.2427 | P | 1.5 | 0.3 |
| 6 | ☐ | 50000.00 | 49455.22 | 230240.41 | 4.4216 | P | 0.8 | -1.1 |

y = 8.939025E-005 * x + 8.199228E-004
R = 0.9999
DL = 14.74 ug/l
BEC = 9.172 ug/l

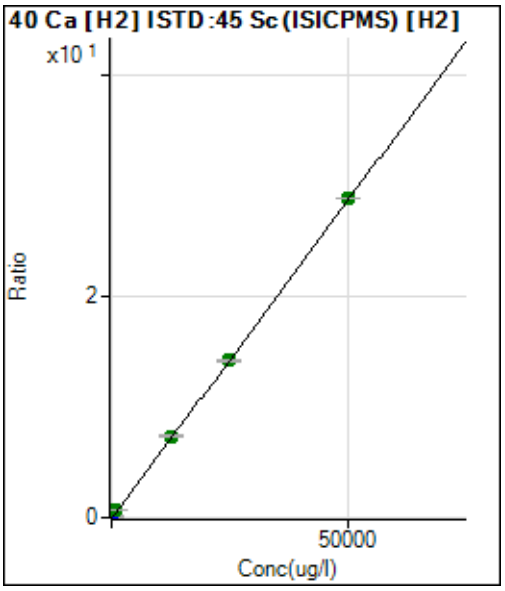
Weight: 1/y
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2075.72 | 0.0400 | P | 2.2 | |
| 2 | ☐ | 200.000 | 203.628 | 4111.74 | 0.0802 | P | 6.0 | 1.8 |
| 3 | ☐ | 1000.000 | 1000.039 | 12179.85 | 0.2373 | P | 3.1 | 0.0 |
| 4 | ☐ | 12500.00 | 12837.27 | 130577.16 | 2.5723 | P | 2.6 | 2.7 |
| 5 | ☐ | 25000.00 | 24846.73 | 256608.87 | 4.9413 | P | 1.2 | -0.6 |
| 6 | ☐ | 50000.00 | 49992.30 | 515555.83 | 9.9015 | P | 1.6 | 0.0 |

y = 1.9726E-004 * x + 0.0400
R = 1.0000
DL = 13.41 ug/l
BEC = 202.8 ug/l

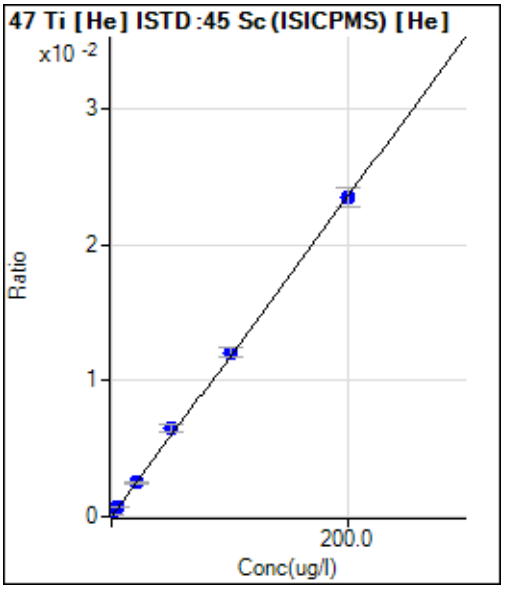
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 60206.17 | 0.0289 | P | 0.1 | |
| 2 | ☐ | 200.000 | 207.106 | 303366.71 | 0.1481 | P | 1.6 | 3.6 |
| 3 | ☐ | 1000.000 | 1019.442 | 1255483.79 | 0.6156 | A | 0.9 | 1.9 |
| 4 | ☐ | 12500.00 | 12790.40 | 14894868.39 | 7.3898 | A | 0.8 | 2.3 |
| 5 | ☐ | 25000.00 | 24641.35 | 29245170.40 | 14.210 | A | 0.9 | -1.4 |
| 6 | ☐ | 50000.00 | 50106.30 | 58599686.90 | 28.865 | A | 0.4 | 0.2 |

y = 5.7550E-004 * x + 0.0289
R = 0.9999
DL = 0.1975 ug/l
BEC = 50.18 ug/l

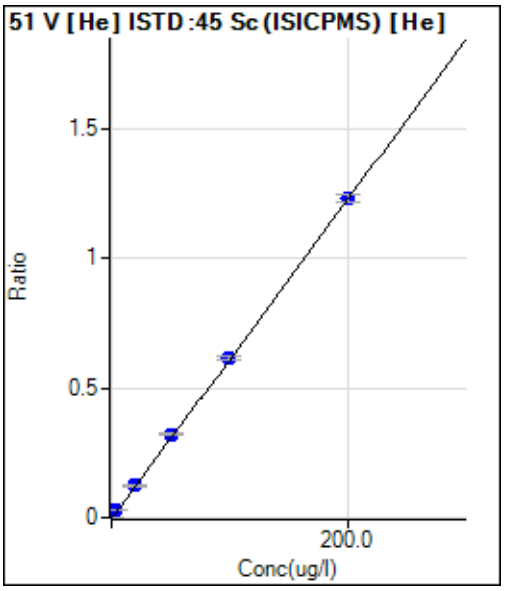
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.67 | 0.0002 | P | 19.9 | |
| 2 | ☐ | 4.000 | 4.159 | 33.67 | 0.0007 | P | 4.8 | 4.0 |
| 3 | ☐ | 20.000 | 19.785 | 128.01 | 0.0025 | P | 8.6 | -1.1 |
| 4 | ☐ | 50.000 | 54.071 | 331.37 | 0.0065 | P | 7.7 | 8.1 |
| 5 | ☐ | 100.000 | 101.421 | 628.08 | 0.0121 | P | 5.2 | 1.4 |
| 6 | ☐ | 200.000 | 198.290 | 1222.18 | 0.0235 | P | 5.7 | -0.9 |

y = 1.1758E-004 * x + 1.6744E-004
R = 0.9997
DL = 0.8483 ug/l
BEC = 1.424 ug/l

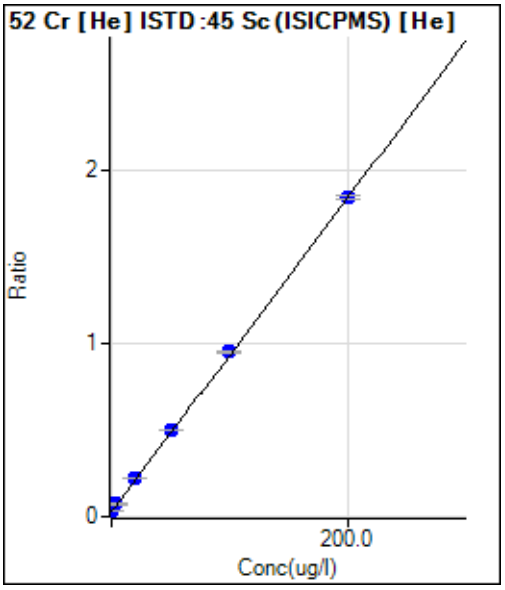
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 63.34 | 0.0012 | P | 51.3 | |
| 2 | ☐ | 4.000 | 4.187 | 1385.64 | 0.0270 | P | 2.6 | 4.7 |
| 3 | ☐ | 20.000 | 19.982 | 6378.19 | 0.1242 | P | 3.2 | -0.1 |
| 4 | ☐ | 50.000 | 52.125 | 16353.19 | 0.3221 | P | 1.7 | 4.2 |
| 5 | ☐ | 100.000 | 99.677 | 31922.80 | 0.6149 | P | 3.4 | -0.3 |
| 6 | ☐ | 200.000 | 199.628 | 64051.38 | 1.2302 | P | 1.9 | -0.2 |

y = 0.0062 * x + 0.0012
R = 0.9999
DL = 0.3064 ug/l
BEC = 0.1991 ug/l

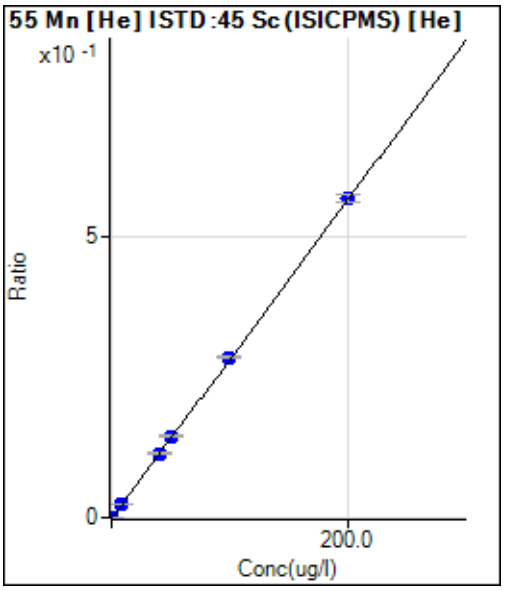
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1925.71 | 0.0371 | P | 2.3 | |
| 2 | ☐ | 4.000 | 3.868 | 3696.07 | 0.0721 | P | 5.6 | -3.3 |
| 3 | ☐ | 20.000 | 19.997 | 11193.53 | 0.2180 | P | 1.3 | 0.0 |
| 4 | ☐ | 50.000 | 51.223 | 25410.24 | 0.5005 | P | 0.8 | 2.4 |
| 5 | ☐ | 100.000 | 100.897 | 49328.60 | 0.9499 | P | 1.3 | 0.9 |
| 6 | ☐ | 200.000 | 199.249 | 95796.62 | 1.8397 | P | 0.8 | -0.4 |

y = 0.0090 * x + 0.0371
R = 1.0000
DL = 0.2787 ug/l
BEC = 4.098 ug/l

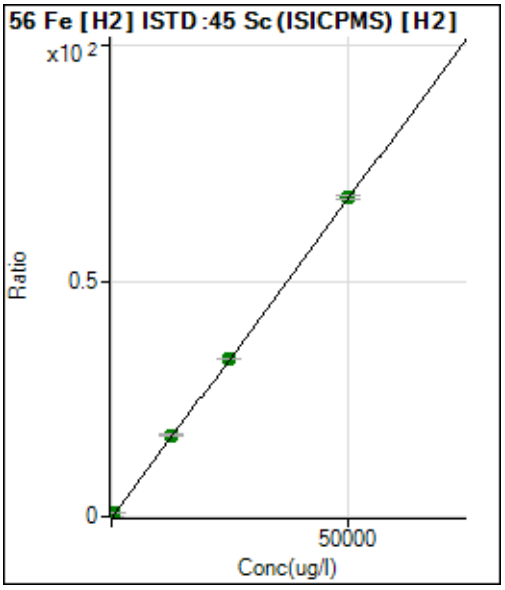
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 57.78 | 0.0011 | P | 16.0 | |
| 2 | ☐ | 8.000 | 7.802 | 1193.39 | 0.0233 | P | 2.4 | -2.5 |
| 3 | ☐ | 40.000 | 39.567 | 5822.39 | 0.1134 | P | 3.3 | -1.1 |
| 4 | ☐ | 50.000 | 50.532 | 7338.68 | 0.1446 | P | 1.7 | 1.1 |
| 5 | ☐ | 100.000 | 99.974 | 14795.86 | 0.2849 | P | 1.4 | 0.0 |
| 6 | ☐ | 200.000 | 199.974 | 29614.36 | 0.5688 | P | 2.1 | 0.0 |

y = 0.0028 * x + 0.0011
R = 1.0000
DL = 0.1893 ug/l
BEC = 0.3931 ug/l

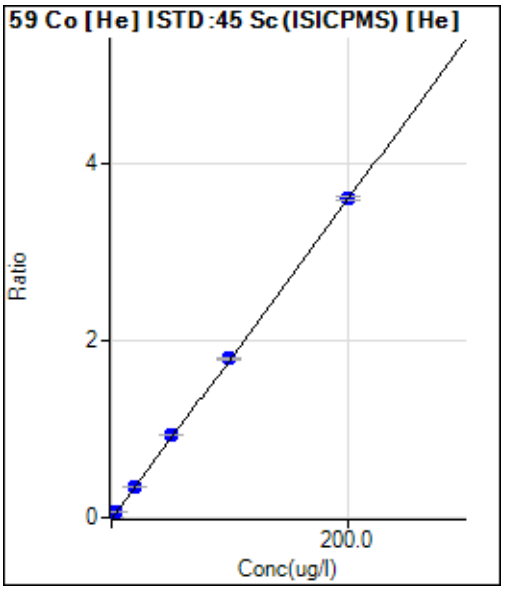
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 43614.98 | 0.0209 | P | 1.2 | |
| 2 | ☐ | 120.000 | 123.636 | 386035.56 | 0.1884 | P | 2.0 | 3.0 |
| 3 | ☐ | 600.000 | 621.017 | 1758492.02 | 0.8623 | A | 1.4 | 3.5 |
| 4 | ☐ | 12500.00 | 12758.42 | 34884700.31 | 17.306 | A | 0.8 | 2.1 |
| 5 | ☐ | 25000.00 | 24752.62 | 69070045.08 | 33.557 | A | 0.1 | -1.0 |
| 6 | ☐ | 50000.00 | 50058.82 | 137732326.8 | 67.843 | A | 1.5 | 0.1 |

y = 0.0014 * x + 0.0209
R = 1.0000
DL = 0.5373 ug/l
BEC = 15.44 ug/l

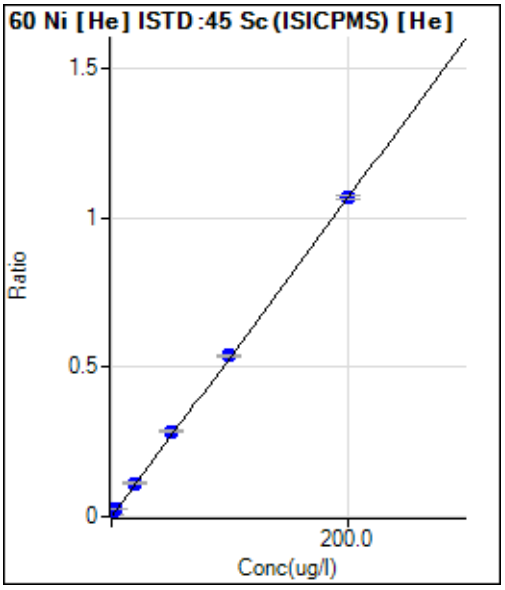
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0007 | P | 26.9 | |
| 2 | ☐ | 4.000 | 4.091 | 3823.89 | 0.0745 | P | 2.4 | 2.3 |
| 3 | ☐ | 20.000 | 19.594 | 18181.08 | 0.3541 | P | 0.9 | -2.0 |
| 4 | ☐ | 50.000 | 51.964 | 47617.24 | 0.9379 | P | 1.2 | 3.9 |
| 5 | ☐ | 100.000 | 99.710 | 93428.01 | 1.7991 | P | 1.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.693 | 187562.48 | 3.6023 | P | 1.8 | -0.2 |

y = 0.0180 * x + 7.3001E-004
R = 0.9999
DL = 0.03267 ug/l
BEC = 0.04048 ug/l

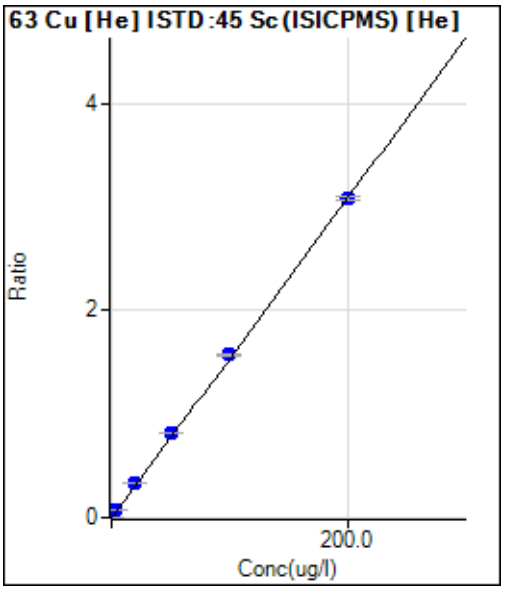
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 274.45 | 0.0053 | P | 11.4 | |
| 2 | ☐ | 4.000 | 4.186 | 1418.97 | 0.0277 | P | 1.1 | 4.7 |
| 3 | ☐ | 20.000 | 19.833 | 5710.11 | 0.1112 | P | 3.4 | -0.8 |
| 4 | ☐ | 50.000 | 52.309 | 14454.37 | 0.2847 | P | 2.6 | 4.6 |
| 5 | ☐ | 100.000 | 100.019 | 28020.05 | 0.5396 | P | 1.6 | 0.0 |
| 6 | ☐ | 200.000 | 199.426 | 55743.52 | 1.0706 | P | 1.6 | -0.3 |

y = 0.0053 * x + 0.0053
R = 0.9999
DL = 0.3382 ug/l
BEC = 0.9913 ug/l

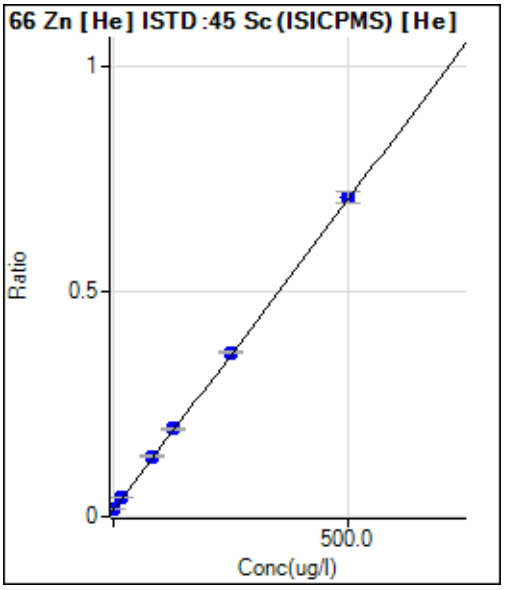
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 471.12 | 0.0091 | P | 1.7 | |
| 2 | ☐ | 4.000 | 4.317 | 3890.58 | 0.0758 | P | 2.0 | 7.9 |
| 3 | ☐ | 20.000 | 20.993 | 17136.41 | 0.3338 | P | 1.1 | 5.0 |
| 4 | ☐ | 50.000 | 52.743 | 41876.53 | 0.8248 | P | 0.3 | 5.5 |
| 5 | ☐ | 100.000 | 100.994 | 81594.87 | 1.5710 | P | 0.3 | 1.0 |
| 6 | ☐ | 200.000 | 198.711 | 160492.51 | 3.0823 | P | 1.6 | -0.6 |

y = 0.0155 * x + 0.0091
R = 0.9999
DL = 0.03069 ug/l
BEC = 0.5869 ug/l

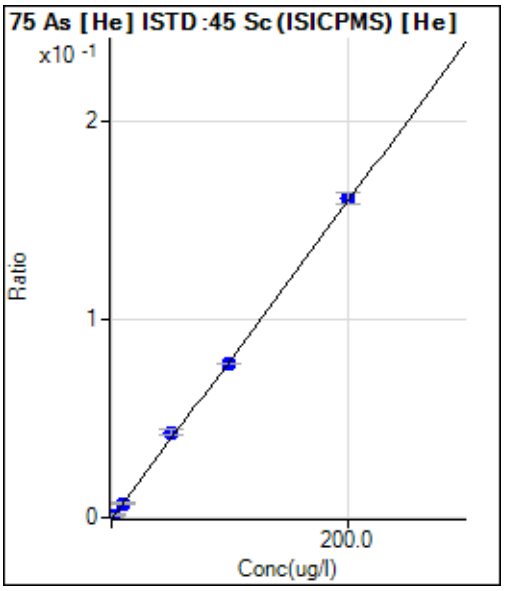
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -3.440 | 827.81 | 0.0160 | P | 10.8 | |
| 2 | ☐ | 16.000 | 16.301 | 2214.65 | 0.0431 | P | 4.6 | 1.9 |
| 3 | ☐ | 80.000 | 82.453 | 6889.56 | 0.1342 | P | 1.9 | 3.1 |
| 4 | ☐ | 125.000 | 126.779 | 9910.32 | 0.1952 | P | 2.5 | 1.4 |
| 5 | ☐ | 250.000 | 249.508 | 18912.10 | 0.3642 | P | 1.3 | -0.2 |
| 6 | ☐ | 500.000 | 499.399 | 36866.54 | 0.7082 | P | 3.1 | -0.1 |

y = 0.001377 * x + 0.020705
R = 0.9999
DL = 3.763 ug/l
BEC = 15.04 ug/l

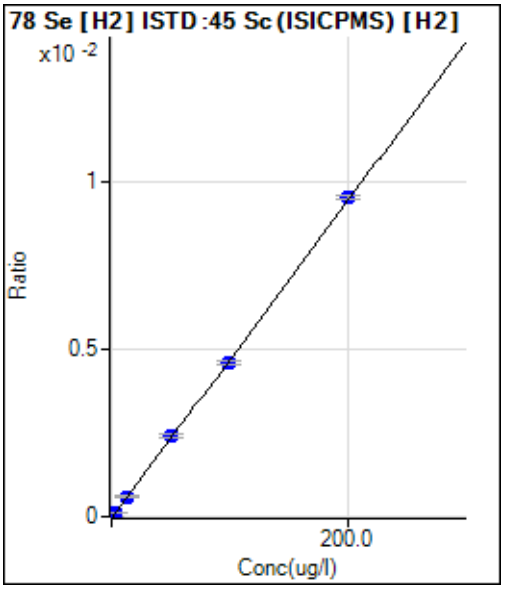
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.56 | 0.0001 | P | 92.8 | |
| 2 | ☐ | 2.000 | 1.596 | 71.11 | 0.0014 | P | 10.3 | -20.2 |
| 3 | ☐ | 10.000 | 8.815 | 367.79 | 0.0072 | P | 9.9 | -11.8 |
| 4 | ☐ | 50.000 | 53.616 | 2185.74 | 0.0430 | P | 6.9 | 7.2 |
| 5 | ☐ | 100.000 | 96.724 | 4029.52 | 0.0776 | P | 1.1 | -3.3 |
| 6 | ☐ | 200.000 | 200.798 | 8381.54 | 0.1609 | P | 3.3 | 0.4 |

y = 8.0091E-004 * x + 1.0814E-004
R = 0.9996
DL = 0.376 ug/l
BEC = 0.135 ug/l

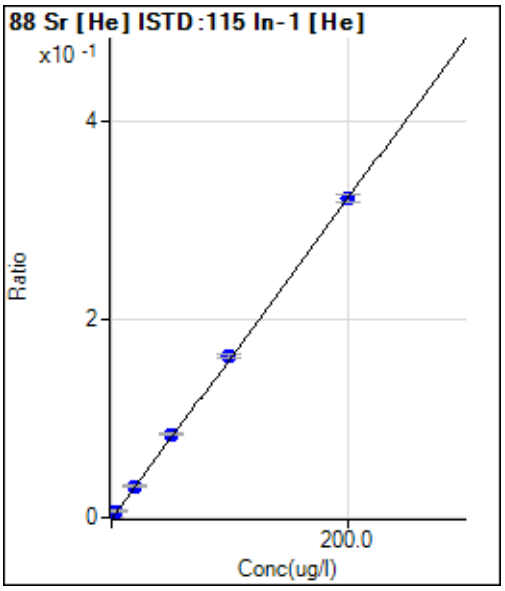
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 5.55 | 0.0000 | P | 124. | |
| 2 | ☐ | 2.500 | 2.550 | 253.34 | 0.0001 | P | 8.5 | 2.0 |
| 3 | ☐ | 12.500 | 12.589 | 1224.51 | 0.0006 | P | 3.0 | 0.7 |
| 4 | ☐ | 50.000 | 50.658 | 4853.13 | 0.0024 | P | 3.4 | 1.3 |
| 5 | ☐ | 100.000 | 97.241 | 9506.73 | 0.0046 | P | 2.7 | -2.8 |
| 6 | ☐ | 200.000 | 201.209 | 19402.89 | 0.0096 | P | 1.3 | 0.6 |

y = 4.7487E-005 * x + 2.6521E-006
R = 0.9998
DL = 0.2093 ug/l
BEC = 0.05585 ug/l

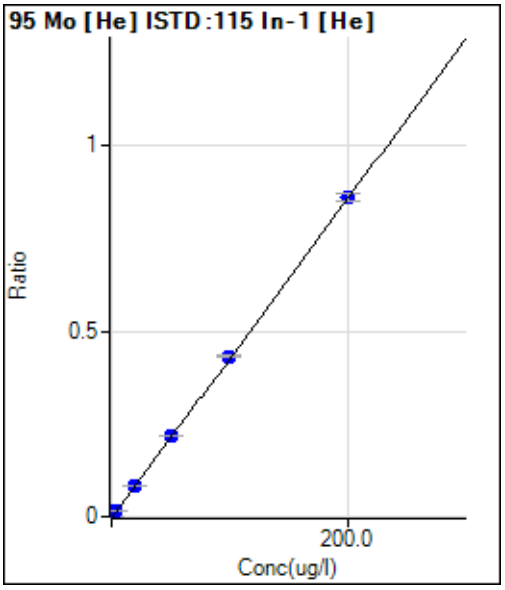
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.56 | 0.0002 | P | 49.7 | |
| 2 | ☐ | 4.000 | 4.023 | 523.35 | 0.0067 | P | 3.9 | 0.6 |
| 3 | ☐ | 20.000 | 19.633 | 2509.14 | 0.0320 | P | 3.1 | -1.8 |
| 4 | ☐ | 50.000 | 51.929 | 6541.64 | 0.0843 | P | 1.1 | 3.9 |
| 5 | ☐ | 100.000 | 100.919 | 12602.66 | 0.1636 | P | 2.1 | 0.9 |
| 6 | ☐ | 200.000 | 199.095 | 25100.24 | 0.3226 | P | 2.5 | -0.5 |

y = 0.0016 * x + 1.9568E-004
R = 0.9999
DL = 0.1802 ug/l
BEC = 0.1208 ug/l

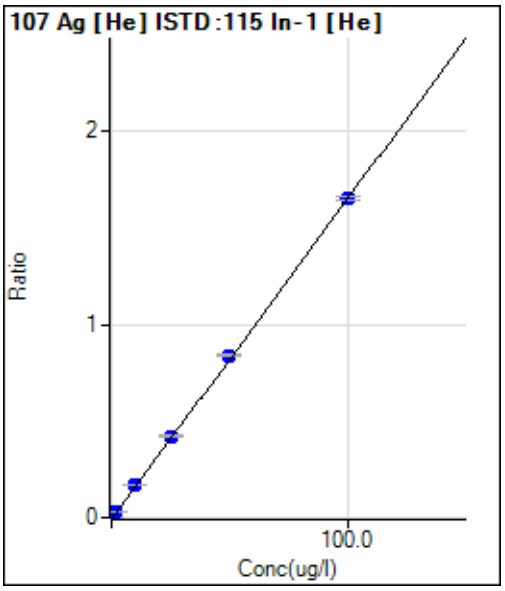
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 18.89 | 0.0002 | P | 53.5 | |
| 2 | ☐ | 4.000 | 3.982 | 1358.97 | 0.0174 | P | 3.8 | -0.5 |
| 3 | ☐ | 20.000 | 19.389 | 6582.77 | 0.0839 | P | 2.4 | -3.1 |
| 4 | ☐ | 50.000 | 50.479 | 16925.26 | 0.2181 | P | 1.2 | 1.0 |
| 5 | ☐ | 100.000 | 100.326 | 33359.46 | 0.4332 | P | 1.9 | 0.3 |
| 6 | ☐ | 200.000 | 199.779 | 67098.06 | 0.8623 | P | 2.1 | -0.1 |

y = 0.0043 * x + 2.3692E-004
R = 1.0000
DL = 0.08808 ug/l
BEC = 0.0549 ug/l

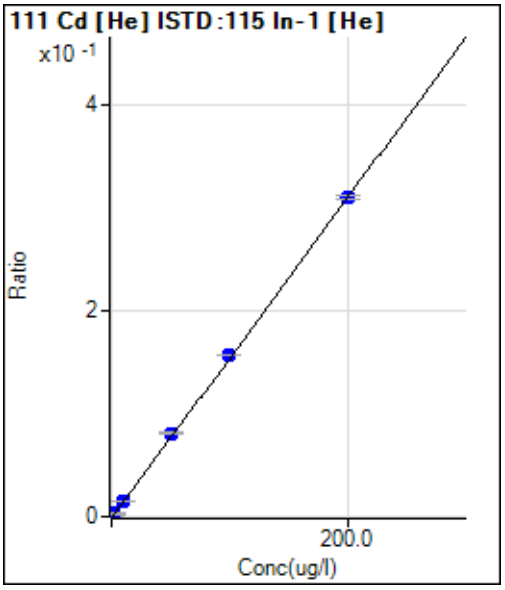
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 15.55 | 0.0002 | P | 101. | |
| 2 | ☐ | 2.000 | 1.945 | 2532.48 | 0.0325 | P | 4.1 | -2.7 |
| 3 | ☐ | 10.000 | 9.988 | 13016.46 | 0.1659 | P | 1.4 | -0.1 |
| 4 | ☐ | 25.000 | 25.480 | 32825.13 | 0.4229 | P | 1.5 | 1.9 |
| 5 | ☐ | 50.000 | 50.623 | 64704.16 | 0.8401 | P | 0.6 | 1.2 |
| 6 | ☐ | 100.000 | 99.571 | 128559.09 | 1.6522 | P | 1.6 | -0.4 |

y = 0.0166 * x + 1.9566E-004
R = 1.0000
DL = 0.03585 ug/l
BEC = 0.01179 ug/l

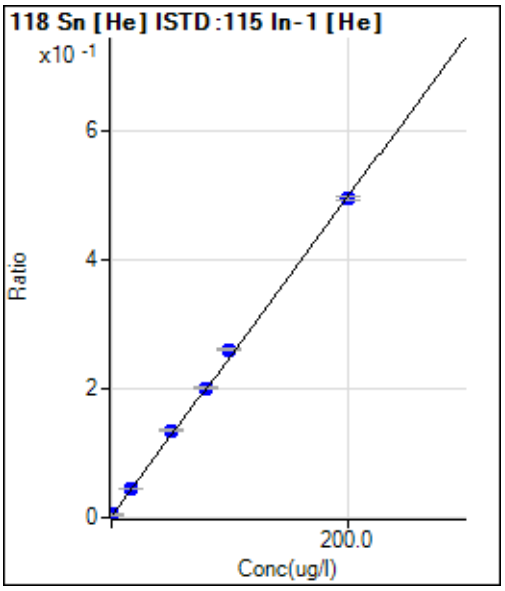
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 2.22 | 0.0000 | P | 173. | |
| 2 | ☐ | 2.000 | 1.862 | 228.89 | 0.0029 | P | 20.6 | -6.9 |
| 3 | ☐ | 10.000 | 9.311 | 1137.84 | 0.0145 | P | 6.6 | -6.9 |
| 4 | ☐ | 50.000 | 52.041 | 6282.64 | 0.0809 | P | 0.9 | 4.1 |
| 5 | ☐ | 100.000 | 100.823 | 12076.69 | 0.1568 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.114 | 24092.01 | 0.3096 | P | 1.2 | -0.4 |

y = 0.0016 * x + 2.8017E-005
R = 0.9999
DL = 0.09363 ug/l
BEC = 0.01802 ug/l

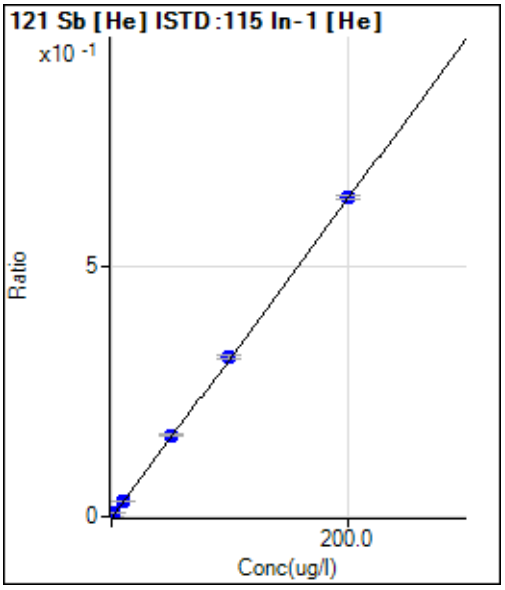
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 378.90 | 0.0048 | P | 15.9 | |
| 2 | ☐ | 16.000 | 16.210 | 3499.37 | 0.0449 | P | 5.0 | 1.3 |
| 3 | ☐ | 80.000 | 79.200 | 15750.62 | 0.2008 | P | 2.0 | -1.0 |
| 4 | ☐ | 50.000 | 52.606 | 10475.34 | 0.1350 | P | 1.3 | 5.2 |
| 5 | ☐ | 100.000 | 103.187 | 20037.50 | 0.2601 | P | 1.0 | 3.2 |
| 6 | ☐ | 200.000 | 198.058 | 38513.04 | 0.4949 | P | 1.2 | -1.0 |

y = 0.0025 * x + 0.0048
R = 0.9997
DL = 0.9165 ug/l
BEC = 1.923 ug/l

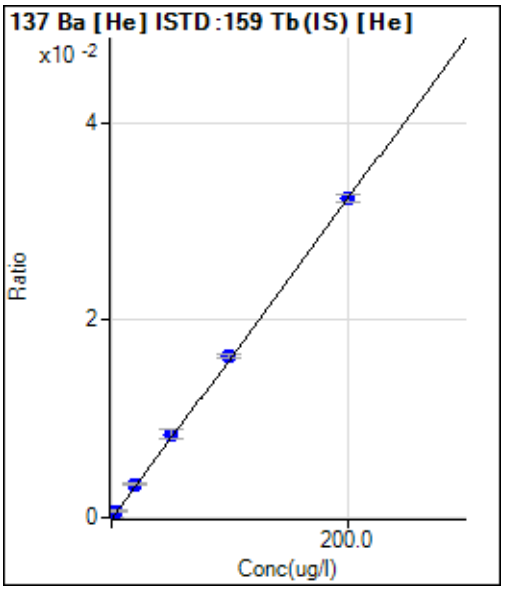
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 37.78 | 0.0005 | P | 18.7 | |
| 2 | ☐ | 2.000 | 2.209 | 586.69 | 0.0075 | P | 9.4 | 10.4 |
| 3 | ☐ | 10.000 | 9.716 | 2469.13 | 0.0315 | P | 2.8 | -2.8 |
| 4 | ☐ | 50.000 | 50.655 | 12578.30 | 0.1621 | P | 2.9 | 1.3 |
| 5 | ☐ | 100.000 | 99.706 | 24535.17 | 0.3186 | P | 2.1 | -0.3 |
| 6 | ☐ | 200.000 | 199.995 | 49685.88 | 0.6385 | P | 0.7 | 0.0 |

y = 0.0032 * x + 4.7476E-004
R = 1.0000
DL = 0.08369 ug/l
BEC = 0.1488 ug/l

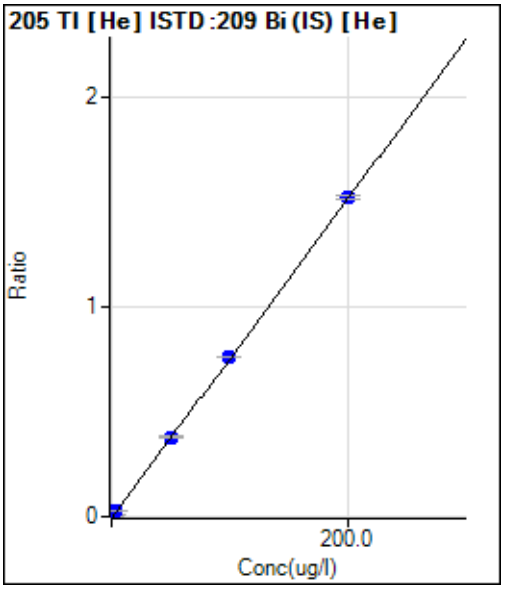
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 10.00 | 0.0000 | P | 115. | |
| 2 | ☐ | 4.000 | 4.000 | 303.34 | 0.0007 | P | 8.4 | 0.0 |
| 3 | ☐ | 20.000 | 20.631 | 1514.54 | 0.0034 | P | 6.9 | 3.2 |
| 4 | ☐ | 50.000 | 52.002 | 3840.60 | 0.0085 | P | 10.0 | 4.0 |
| 5 | ☐ | 100.000 | 100.405 | 7339.89 | 0.0163 | P | 2.1 | 0.4 |
| 6 | ☐ | 200.000 | 199.234 | 14584.93 | 0.0323 | P | 1.8 | -0.4 |

y = 1.6225E-004 * x + 2.1710E-005
R = 0.9999
DL = 0.4641 ug/l
BEC = 0.1338 ug/l

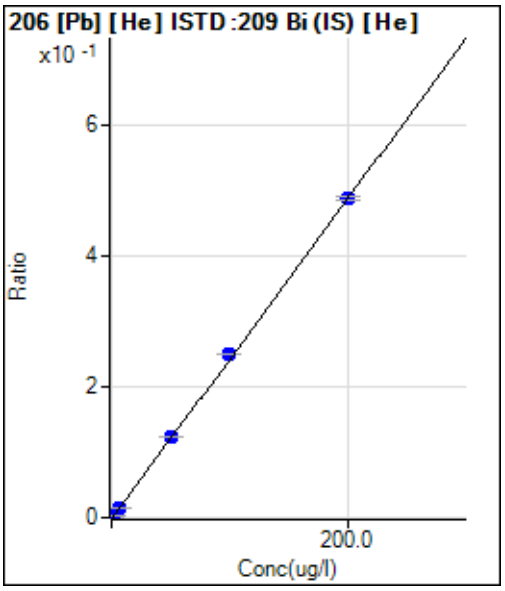
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 104.45 | 0.0003 | P | 16.8 | |
| 2 | ☐ | 0.800 | 0.818 | 2369.13 | 0.0065 | P | 2.3 | 2.2 |
| 3 | ☐ | 4.000 | 3.896 | 10979.37 | 0.0300 | P | 1.3 | -2.6 |
| 4 | ☐ | 50.000 | 49.589 | 136601.38 | 0.3781 | P | 1.9 | -0.8 |
| 5 | ☐ | 100.000 | 100.179 | 268672.23 | 0.7636 | P | 0.6 | 0.2 |
| 6 | ☐ | 200.000 | 200.015 | 533751.69 | 1.5244 | P | 0.6 | 0.0 |

y = 0.0076 * x + 2.8065E-004
R = 1.0000
DL = 0.01862 ug/l
BEC = 0.03683 ug/l

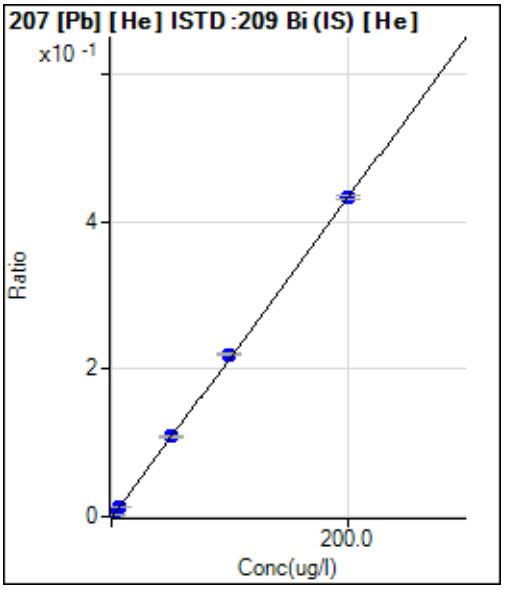
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 90.00 | 0.0002 | P | 25.1 | |
| 2 | ☐ | 1.200 | 1.197 | 1151.18 | 0.0032 | P | 7.3 | -0.3 |
| 3 | ☐ | 6.000 | 5.850 | 5326.73 | 0.0145 | P | 2.2 | -2.5 |
| 4 | ☐ | 50.000 | 50.012 | 44245.17 | 0.1225 | P | 0.7 | 0.0 |
| 5 | ☐ | 100.000 | 101.591 | 87446.59 | 0.2485 | P | 0.4 | 1.6 |
| 6 | ☐ | 200.000 | 199.206 | 170569.15 | 0.4871 | P | 1.6 | -0.4 |

y = 0.0024 * x + 2.4171E-004
R = 1.0000
DL = 0.07444 ug/l
BEC = 0.09889 ug/l

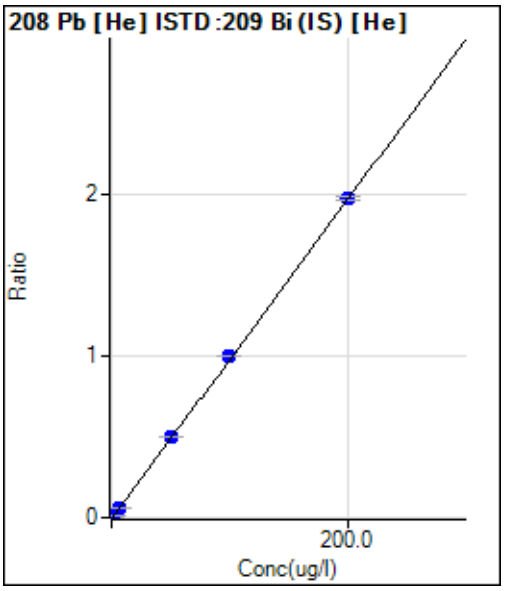
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 83.33 | 0.0002 | P | 10.2 | |
| 2 | ☐ | 1.200 | 1.078 | 933.37 | 0.0026 | P | 4.7 | -10.1 |
| 3 | ☐ | 6.000 | 5.868 | 4753.16 | 0.0130 | P | 0.4 | -2.2 |
| 4 | ☐ | 50.000 | 49.899 | 39248.35 | 0.1086 | P | 1.7 | -0.2 |
| 5 | ☐ | 100.000 | 101.303 | 77520.55 | 0.2203 | P | 1.5 | 1.3 |
| 6 | ☐ | 200.000 | 199.378 | 151767.95 | 0.4334 | P | 0.9 | -0.3 |

y = 0.0022 * x + 2.2403E-004
R = 1.0000
DL = 0.03143 ug/l
BEC = 0.1031 ug/l

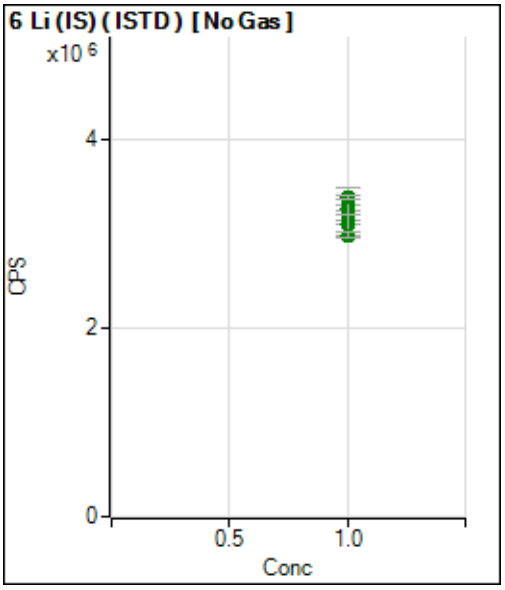
Weight: <None>
Min Conc: <None>



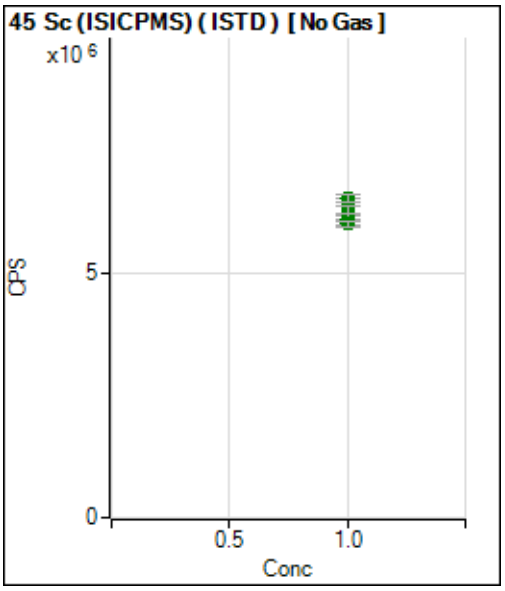

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 372.23 | 0.0010 | P | 3.5 | |
| 2 | ☐ | 1.200 | 1.126 | 4421.46 | 0.0122 | P | 6.4 | -6.1 |
| 3 | ☐ | 6.000 | 5.723 | 21142.65 | 0.0577 | P | 1.8 | -4.6 |
| 4 | ☐ | 50.000 | 50.101 | 179720.65 | 0.4975 | P | 0.3 | 0.2 |
| 5 | ☐ | 100.000 | 100.788 | 351771.52 | 0.9998 | P | 0.3 | 0.8 |
| 6 | ☐ | 200.000 | 199.589 | 692924.56 | 1.9789 | P | 0.7 | -0.2 |

y = 0.0099 * x + 0.0010
R = 1.0000
DL = 0.01048 ug/l
BEC = 0.101 ug/l

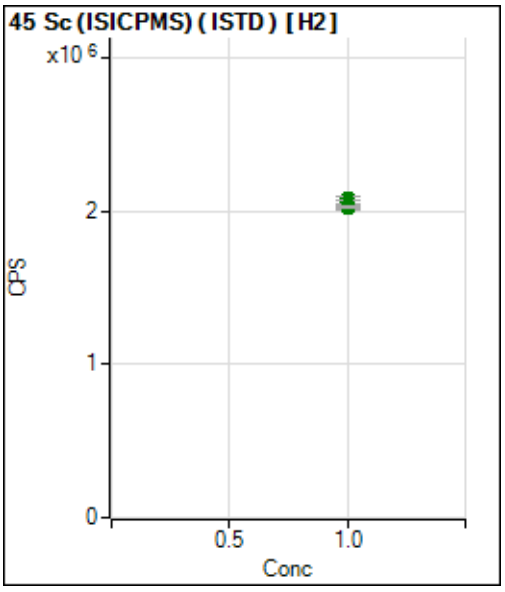
Weight: <None>
Min Conc: <None>



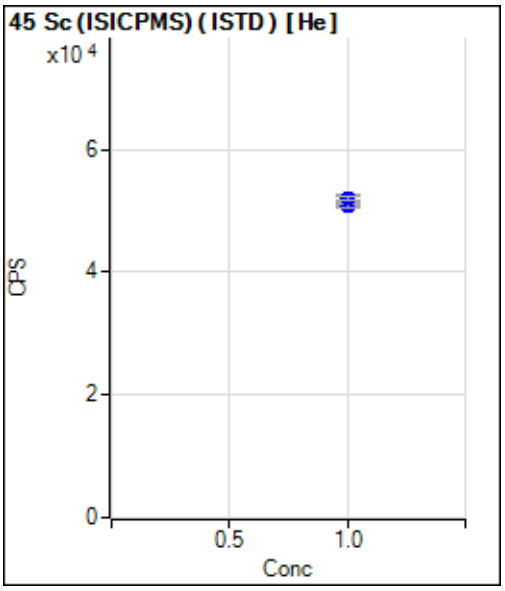

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3213374.85 | | A | 6.3 | |
| 2 | ☐ | 1.000 | | 3364173.36 | | A | 7.3 | |
| 3 | ☐ | 1.000 | | 3261306.62 | | A | 6.6 | |
| 4 | ☐ | 1.000 | | 3102661.90 | | A | 7.2 | |
| 5 | ☐ | 1.000 | | 3394078.39 | | A | 1.8 | |
| 6 | ☐ | 1.000 | | 2989461.27 | | A | 2.2 | |



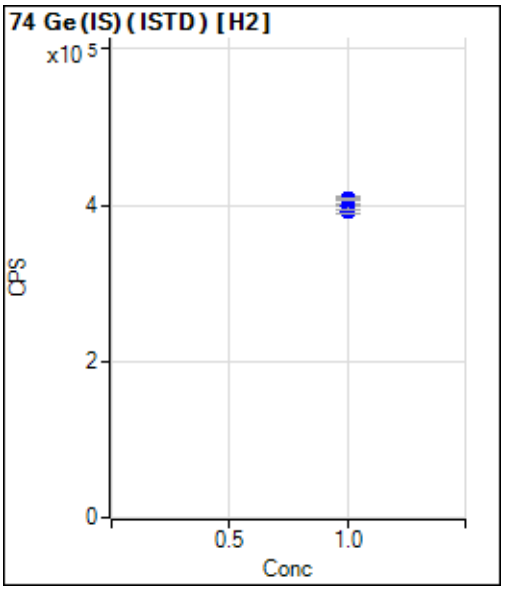

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6228187.82 | | A | 5.2 | |
| 2 | ☐ | 1.000 | | 6358742.13 | | A | 5.3 | |
| 3 | ☐ | 1.000 | | 6224591.78 | | A | 4.6 | |
| 4 | ☐ | 1.000 | | 6110359.70 | | A | 3.7 | |
| 5 | ☐ | 1.000 | | 6533598.03 | | A | 2.4 | |
| 6 | ☐ | 1.000 | | 6006922.90 | | A | 1.5 | |



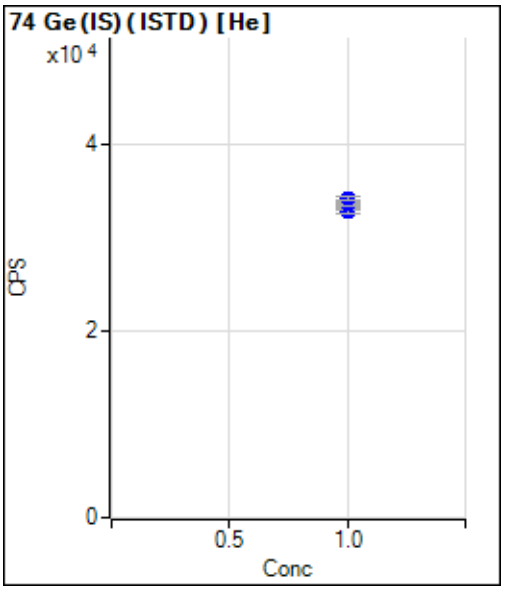

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2084718.11 | | A | 0.8 | |
| 2 | ☐ | 1.000 | | 2049155.21 | | A | 1.7 | |
| 3 | ☐ | 1.000 | | 2039473.67 | | A | 1.3 | |
| 4 | ☐ | 1.000 | | 2015693.77 | | A | 1.2 | |
| 5 | ☐ | 1.000 | | 2058305.84 | | A | 1.9 | |
| 6 | ☐ | 1.000 | | 2030116.55 | | A | 0.3 | |



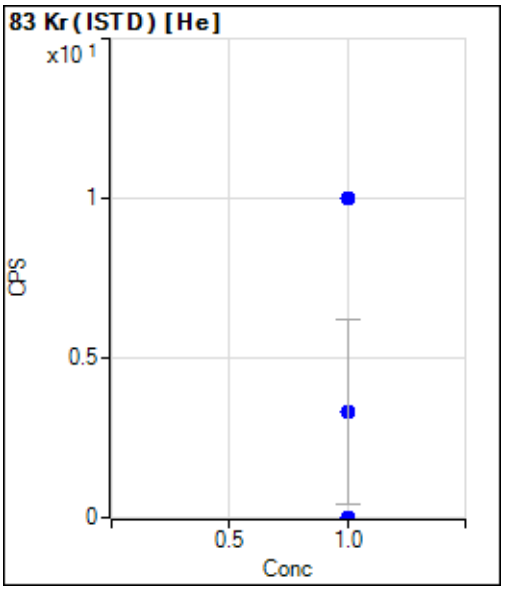

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 51917.58 | | P | 2.6 | |
| 2 | ☐ | 1.000 | | 51308.73 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 51344.35 | | P | 1.4 | |
| 4 | ☐ | 1.000 | | 50771.21 | | P | 1.0 | |
| 5 | ☐ | 1.000 | | 51937.63 | | P | 1.7 | |
| 6 | ☐ | 1.000 | | 52075.97 | | P | 1.6 | |



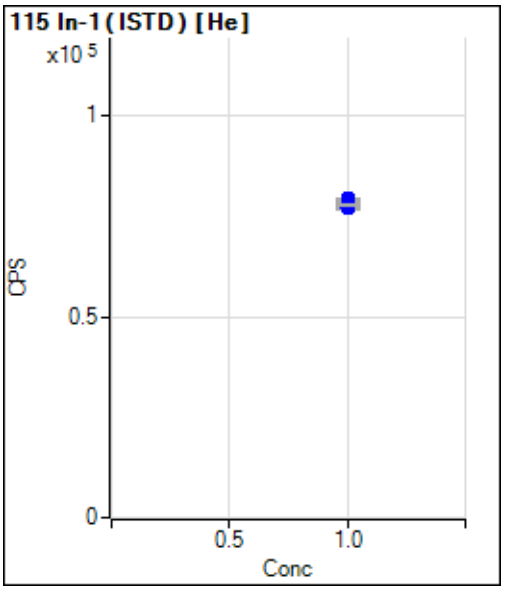

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 399534.93 | | P | 0.3 | |
| 2 | ☐ | 1.000 | | 391728.12 | | P | 1.3 | |
| 3 | ☐ | 1.000 | | 391694.94 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 398308.38 | | P | 1.6 | |
| 5 | ☐ | 1.000 | | 408960.16 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 407641.06 | | P | 0.3 | |



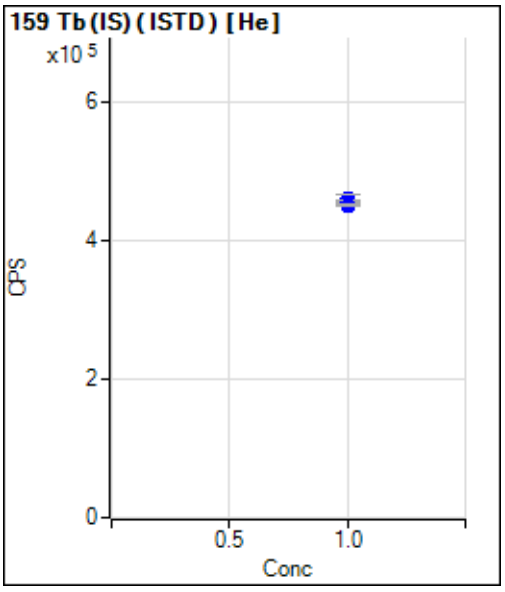

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 32921.14 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 32996.88 | | P | 1.8 | |
| 3 | ☐ | 1.000 | | 32937.79 | | P | 1.2 | |
| 4 | ☐ | 1.000 | | 33668.51 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 33610.65 | | P | 0.5 | |
| 6 | ☐ | 1.000 | | 34312.35 | | P | 1.6 | |



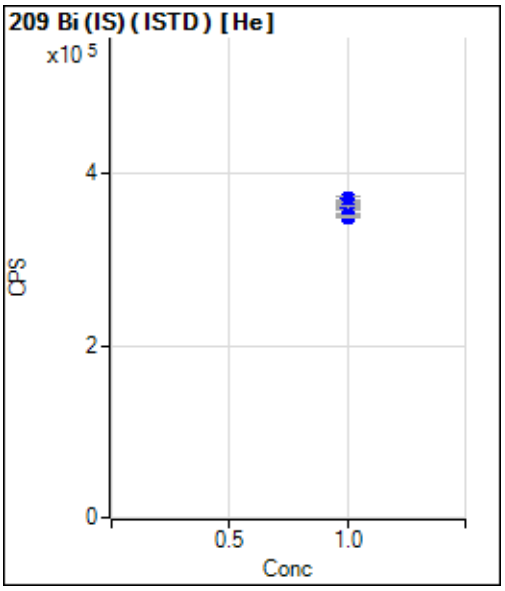

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 3 | ☐ | 1.000 | | 10.01 | | P | NaN | |
| 4 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 5 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 6 | ☐ | 1.000 | | 0.00 | | P | | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 79611.86 | | P | 0.4 | |
| 2 | ☐ | 1.000 | | 78040.07 | | P | 2.5 | |
| 3 | ☐ | 1.000 | | 78458.58 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 77621.10 | | P | 1.3 | |
| 5 | ☐ | 1.000 | | 77024.45 | | P | 1.2 | |
| 6 | ☐ | 1.000 | | 77816.77 | | P | 0.6 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 461090.37 | | P | 2.0 | |
| 2 | ☐ | 1.000 | | 452210.99 | | P | 0.6 | |
| 3 | ☐ | 1.000 | | 449496.03 | | P | 0.2 | |
| 4 | ☐ | 1.000 | | 454608.64 | | P | 2.1 | |
| 5 | ☐ | 1.000 | | 449956.23 | | P | 0.1 | |
| 6 | ☐ | 1.000 | | 450903.08 | | P | 0.7 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 371868.27 | | P | 0.8 | |
| 2 | ☐ | 1.000 | | 363764.45 | | P | 1.5 | |
| 3 | ☐ | 1.000 | | 366354.11 | | P | 0.4 | |
| 4 | ☐ | 1.000 | | 361256.81 | | P | 1.1 | |
| 5 | ☐ | 1.000 | | 351841.60 | | P | 0.7 | |
| 6 | ☐ | 1.000 | | 350147.77 | | P | 0.3 | |

# Sample Report

**File Name** 136SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:37:23

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.002 | ug/l | 88.0 | 2000 | |
| B | 11 | 6 | No Gas | 1.229 | ug/l | 21.8 | 2000 | |
| Na | 23 | 45 | He | 64.586 | ug/l | 4.3 | 500000 | |
| Mg | 24 | 45 | He | 1.489 | ug/l | 123.4 | 500000 | |
| Al | 27 | 45 | He | -0.102 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 17.976 | ug/l | 66.2 | 500000 | |
| Ca | 40 | 45 | H2 | 1.338 | ug/l | 91.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.656 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.087 | ug/l | 32.9 | 5000 | |
| Cr | 52 | 45 | He | -0.264 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.107 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.613 | ug/l | 59.1 | 500000 | |
| Co | 59 | 45 | He | 0.004 | ug/l | 715.9 | 2000 | |
| Ni | 60 | 45 | He | -0.219 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.053 | ug/l | 53.3 | 20000 | |
| Zn | 66 | 45 | He | -7.012 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.010 | ug/l | 1044.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.056 | ug/l | 60.8 | 3000 | |
| Sr | 88 | 115 | He | 0.032 | ug/l | 48.6 | 5000 | |
| Mo | 95 | 115 | He | 0.063 | ug/l | 18.3 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 20.1 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.110 | ug/l | 131.3 | 2000 | |
| Sb | 121 | 115 | He | 0.034 | ug/l | 182.8 | 1000 | |
| Ba | 137 | 159 | He | 0.001 | ug/l | 7033.2 | 20000 | |
| Tl | 205 | 209 | He | -0.027 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | -0.011 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.001 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.007 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3857326.68 | 1.2 | 120.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6240022.27 | 0.8 | 100.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1870795.00 | 3.1 | 89.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47952.25 | 0.1 | 92.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359250.20 | 0.1 | 89.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31381.91 | 1.6 | 95.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76193.96 | 0.3 | 95.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 454499.33 | 0.9 | 98.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 371012.06 | 0.9 | 99.8 | 70 | 140 | |

# Sample Report

**File Name** 137SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:39:59

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.006 | ug/l | 123.2 | 2000 | |
| B | 11 | 6 | No Gas | 0.801 | ug/l | 15.3 | 2000 | |
| Na | 23 | 45 | He | 43.233 | ug/l | 4.8 | 500000 | |
| Mg | 24 | 45 | He | 1.240 | ug/l | 75.0 | 500000 | |
| Al | 27 | 45 | He | -1.183 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 11.823 | ug/l | 166.7 | 500000 | |
| Ca | 40 | 45 | H2 | 1.105 | ug/l | 94.9 | 1000000 | |
| Ti | 47 | 45 | He | -0.719 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.018 | ug/l | 249.0 | 5000 | |
| Cr | 52 | 45 | He | -0.272 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.158 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.144 | ug/l | 243.0 | 500000 | |
| Co | 59 | 45 | He | -0.006 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.098 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | -0.018 | ug/l | N/A | 20000 | |
| Zn | 66 | 45 | He | -6.938 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.009 | ug/l | 2002.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.055 | ug/l | 176.0 | 3000 | |
| Sr | 88 | 115 | He | -0.031 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.006 | ug/l | 288.3 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 87.4 | 1000 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 2068.7 | 5000 | |
| Sn | 118 | 115 | He | 0.156 | ug/l | 151.8 | 2000 | |
| Sb | 121 | 115 | He | 0.030 | ug/l | 182.9 | 1000 | |
| Ba | 137 | 159 | He | 0.049 | ug/l | 248.5 | 20000 | |
| Tl | 205 | 209 | He | -0.030 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.000 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | 0.008 | ug/l | 142.6 | | |
| Pb | 208 | 209 | He | 0.000 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3819251.30 | 2.3 | 118.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6175286.85 | 1.1 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1896079.10 | 1.8 | 91.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48215.21 | 0.5 | 92.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 361341.05 | 0.9 | 90.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 31609.13 | 0.5 | 96.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76008.61 | 0.4 | 95.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 450710.39 | 0.1 | 97.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 368695.08 | 1.0 | 99.1 | 70 | 140 | |

# Sample Report

**File Name** 138SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:42:34

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.000 | ug/l | 2304.6 | 2000 | |
| B | 11 | 6 | No Gas | 0.670 | ug/l | 61.7 | 2000 | |
| Na | 23 | 45 | He | 30.602 | ug/l | 19.5 | 500000 | |
| Mg | 24 | 45 | He | 2.527 | ug/l | 14.8 | 500000 | |
| Al | 27 | 45 | He | -0.681 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 10.256 | ug/l | 202.8 | 500000 | |
| Ca | 40 | 45 | H2 | 2.038 | ug/l | 47.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.487 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.096 | ug/l | 78.2 | 5000 | |
| Cr | 52 | 45 | He | -0.096 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.134 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.353 | ug/l | 25.8 | 500000 | |
| Co | 59 | 45 | He | 0.005 | ug/l | 180.2 | 2000 | |
| Ni | 60 | 45 | He | -0.143 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.014 | ug/l | 449.3 | 20000 | |
| Zn | 66 | 45 | He | -6.689 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.106 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | -0.005 | ug/l | N/A | 3000 | |
| Sr | 88 | 115 | He | 0.015 | ug/l | 671.9 | 5000 | |
| Mo | 95 | 115 | He | 0.006 | ug/l | 168.4 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 65.3 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.020 | ug/l | 1330.2 | 2000 | |
| Sb | 121 | 115 | He | 0.016 | ug/l | 475.5 | 1000 | |
| Ba | 137 | 159 | He | -0.073 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.033 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.008 | ug/l | 119.1 | | |
| [Pb] | 207 | 209 | He | -0.002 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.002 | ug/l | 362.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3624323.10 | 3.0 | 112.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5998176.02 | 1.6 | 96.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1858989.87 | 0.8 | 89.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48335.67 | 1.1 | 93.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 362687.10 | 0.9 | 90.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 31659.24 | 0.8 | 96.2 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76038.92 | 0.1 | 95.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 447699.82 | 0.7 | 97.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 365305.83 | 0.3 | 98.2 | 70 | 140 | |

# Sample Report

**File Name** 139SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:45:08

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.023 | ug/l | 49.7 | 2000 | |
| B | 11 | 6 | No Gas | 0.738 | ug/l | 32.5 | 2000 | |
| Na | 23 | 45 | He | 62.828 | ug/l | 37.1 | 500000 | |
| Mg | 24 | 45 | He | 19.621 | ug/l | 49.1 | 500000 | |
| Al | 27 | 45 | He | 4.007 | ug/l | 80.4 | 500000 | |
| K | 39 | 45 | He | 13.870 | ug/l | 65.5 | 500000 | |
| Ca | 40 | 45 | H2 | 21.104 | ug/l | 10.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.442 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.058 | ug/l | 28.7 | 5000 | |
| Cr | 52 | 45 | He | -0.224 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.181 | ug/l | 86.2 | 20000 | |
| Fe | 56 | 45 | H2 | 7.848 | ug/l | 9.7 | 500000 | |
| Co | 59 | 45 | He | 0.016 | ug/l | 155.1 | 2000 | |
| Ni | 60 | 45 | He | -0.020 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.138 | ug/l | 49.3 | 20000 | |
| Zn | 66 | 45 | He | -7.230 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.051 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.131 | ug/l | 47.9 | 3000 | |
| Sr | 88 | 115 | He | 0.070 | ug/l | 40.6 | 5000 | |
| Mo | 95 | 115 | He | 0.034 | ug/l | 92.2 | 2000 | |
| Ag | 107 | 115 | He | 0.014 | ug/l | 28.3 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 275.8 | 5000 | |
| Sn | 118 | 115 | He | 0.057 | ug/l | 570.3 | 2000 | |
| Sb | 121 | 115 | He | -0.001 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.172 | ug/l | 136.1 | 20000 | |
| Tl | 205 | 209 | He | -0.009 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.090 | ug/l | 54.0 | | |
| [Pb] | 207 | 209 | He | 0.089 | ug/l | 20.3 | | |
| Pb | 208 | 209 | He | 0.090 | ug/l | 40.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3560451.44 | 4.9 | 110.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6012022.20 | 2.4 | 96.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1870293.62 | 1.0 | 89.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49076.03 | 0.5 | 94.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364846.55 | 0.7 | 91.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31855.20 | 0.9 | 96.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75416.60 | 1.2 | 94.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 449316.93 | 1.5 | 97.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 367876.08 | 0.3 | 98.9 | 70 | 140 | |

# Sample Report

**File Name** 140SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:47:44

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.001 | ug/l | 158.4 | 2000 | |
| B | 11 | 6 | No Gas | 0.291 | ug/l | 115.5 | 2000 | |
| Na | 23 | 45 | He | 6.473 | ug/l | 114.6 | 500000 | |
| Mg | 24 | 45 | He | 0.462 | ug/l | 134.0 | 500000 | |
| Al | 27 | 45 | He | -0.811 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 10.485 | ug/l | 141.7 | 500000 | |
| Ca | 40 | 45 | H2 | 2.017 | ug/l | 64.2 | 1000000 | |
| Ti | 47 | 45 | He | -0.270 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.107 | ug/l | 71.1 | 5000 | |
| Cr | 52 | 45 | He | -0.275 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.154 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.381 | ug/l | 54.1 | 500000 | |
| Co | 59 | 45 | He | -0.003 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.185 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.023 | ug/l | 150.7 | 20000 | |
| Zn | 66 | 45 | He | -7.970 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.022 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.080 | ug/l | 68.9 | 3000 | |
| Sr | 88 | 115 | He | -0.067 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.019 | ug/l | 36.4 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 174.7 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.143 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.004 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.073 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.032 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | -0.001 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | 0.006 | ug/l | 384.5 | | |
| Pb | 208 | 209 | He | 0.007 | ug/l | 112.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3695728.52 | 4.4 | 115.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6096904.14 | 3.5 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1889936.92 | 2.0 | 90.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49070.59 | 1.5 | 94.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 367276.10 | 0.5 | 91.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31889.80 | 0.5 | 96.9 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 77158.52 | 1.4 | 96.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 449454.93 | 0.8 | 97.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 369652.23 | 0.5 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 141SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:50:18

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.006 | ug/l | 74.3 | 2000 | |
| B | 11 | 6 | No Gas | 0.307 | ug/l | 72.2 | 2000 | |
| Na | 23 | 45 | He | 8.932 | ug/l | 77.6 | 500000 | |
| Mg | 24 | 45 | He | 2.700 | ug/l | 73.4 | 500000 | |
| Al | 27 | 45 | He | -2.341 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 13.222 | ug/l | 81.4 | 500000 | |
| Ca | 40 | 45 | H2 | 2.131 | ug/l | 17.1 | 1000000 | |
| Ti | 47 | 45 | He | -0.267 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.062 | ug/l | 151.7 | 5000 | |
| Cr | 52 | 45 | He | -0.402 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.098 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.307 | ug/l | 11.9 | 500000 | |
| Co | 59 | 45 | He | -0.013 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.131 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.020 | ug/l | 452.1 | 20000 | |
| Zn | 66 | 45 | He | -7.332 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.063 | ug/l | 76.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.092 | ug/l | 106.7 | 3000 | |
| Sr | 88 | 115 | He | -0.031 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.039 | ug/l | 63.7 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 101.7 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.022 | ug/l | 1302.5 | 2000 | |
| Sb | 121 | 115 | He | -0.017 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.077 | ug/l | 89.4 | 20000 | |
| Tl | 205 | 209 | He | -0.032 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.034 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | -0.005 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.016 | ug/l | 43.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3574451.92 | 6.6 | 111.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6029184.22 | 4.3 | 96.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1901727.28 | 0.6 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49110.64 | 0.7 | 94.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369847.35 | 0.3 | 92.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 31795.10 | 1.6 | 96.6 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76651.42 | 0.5 | 96.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 454367.48 | 0.7 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 370399.33 | 0.4 | 99.6 | 70 | 140 | |

# Sample Report

**File Name** 142SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:52:53

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.004 | ug/l | 86.7 | 2000 | |
| B | 11 | 6 | No Gas | 0.323 | ug/l | 113.9 | 2000 | |
| Na | 23 | 45 | He | 1.904 | ug/l | 316.1 | 500000 | |
| Mg | 24 | 45 | He | 0.722 | ug/l | 73.2 | 500000 | |
| Al | 27 | 45 | He | -0.327 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 8.665 | ug/l | 116.3 | 500000 | |
| Ca | 40 | 45 | H2 | 1.028 | ug/l | 58.2 | 1000000 | |
| Ti | 47 | 45 | He | 0.076 | ug/l | 233.4 | 10000 | |
| V | 51 | 45 | He | 0.003 | ug/l | 1075.2 | 5000 | |
| Cr | 52 | 45 | He | -0.196 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.097 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.241 | ug/l | 65.1 | 500000 | |
| Co | 59 | 45 | He | -0.004 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.042 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | -0.050 | ug/l | N/A | 20000 | |
| Zn | 66 | 45 | He | -7.256 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.036 | ug/l | 411.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.067 | ug/l | 127.8 | 3000 | |
| Sr | 88 | 115 | He | -0.031 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.009 | ug/l | 127.2 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 499.3 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.038 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.021 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.029 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.012 | ug/l | 93.2 | | |
| [Pb] | 207 | 209 | He | -0.017 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.003 | ug/l | 473.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3562809.32 | 6.2 | 110.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6187423.24 | 0.6 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1906652.85 | 1.1 | 91.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49076.11 | 1.6 | 94.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 371873.20 | 1.2 | 93.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32276.32 | 0.9 | 98.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76211.20 | 0.6 | 95.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 457801.65 | 0.7 | 99.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 369560.81 | 0.1 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 143SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:55:27

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.002 | ug/l | 174.3 | 2000 | |
| B | 11 | 6 | No Gas | 0.012 | ug/l | 2688.4 | 2000 | |
| Na | 23 | 45 | He | -9.789 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 1.869 | ug/l | 53.5 | 500000 | |
| Al | 27 | 45 | He | -1.169 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 12.023 | ug/l | 102.1 | 500000 | |
| Ca | 40 | 45 | H2 | 2.449 | ug/l | 67.1 | 1000000 | |
| Ti | 47 | 45 | He | -0.457 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.043 | ug/l | 110.6 | 5000 | |
| Cr | 52 | 45 | He | -0.142 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.048 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.356 | ug/l | 141.3 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.169 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.006 | ug/l | 1082.0 | 20000 | |
| Zn | 66 | 45 | He | -7.454 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.108 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.006 | ug/l | 349.9 | 3000 | |
| Sr | 88 | 115 | He | 0.014 | ug/l | 588.9 | 5000 | |
| Mo | 95 | 115 | He | 0.029 | ug/l | 88.9 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 80.0 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.001 | ug/l | 15043.5 | 2000 | |
| Sb | 121 | 115 | He | 0.015 | ug/l | 96.9 | 1000 | |
| Ba | 137 | 159 | He | 0.075 | ug/l | 67.6 | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.016 | ug/l | 124.9 | | |
| [Pb] | 207 | 209 | He | 0.002 | ug/l | 1204.2 | | |
| Pb | 208 | 209 | He | 0.003 | ug/l | 239.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3673080.22 | 2.6 | 114.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6262320.46 | 0.6 | 100.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1887459.38 | 1.1 | 90.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49819.85 | 2.1 | 96.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372006.97 | 0.5 | 93.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32539.07 | 1.4 | 98.8 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76726.28 | 1.2 | 96.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 459161.25 | 0.6 | 99.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 371337.58 | 0.8 | 99.9 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 144_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 15:58:01

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 108.636 | ug/l | 4.0 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 229.137 | ug/l | 9.1 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26611.826 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26645.813 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25934.347 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25379.273 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24831.105 | ug/l | 2.1 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 102.726 | ug/l | 1.4 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 103.341 | ug/l | 1.0 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 101.851 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 101.914 | ug/l | 0.3 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25154.209 | ug/l | 2.6 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 102.375 | ug/l | 1.6 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 103.387 | ug/l | 0.8 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 102.909 | ug/l | 0.8 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 256.391 | ug/l | 0.2 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.095 | ug/l | 0.4 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 98.618 | ug/l | 2.1 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 101.735 | ug/l | 1.6 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 101.130 | ug/l | 1.2 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 51.244 | ug/l | 1.2 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 103.697 | ug/l | 2.1 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 105.023 | ug/l | 2.7 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.788 | ug/l | 1.1 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.253 | ug/l | 2.0 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.958 | ug/l | 0.7 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.055 | ug/l | 1.2 | | | | |
| [Pb] | 207 | 209 | He | 99.894 | ug/l | 0.6 | | | | |
| Pb | 208 | 209 | He | 99.485 | ug/l | 1.3 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3500334.77 | 6.3 | 108.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5896021.37 | 4.5 | 94.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1813450.44 | 2.1 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45574.27 | 0.7 | 87.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368251.57 | 1.1 | 92.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31462.03 | 0.3 | 95.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 71125.74 | 1.4 | 89.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 437292.26 | 0.4 | 94.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 352095.74 | 0.5 | 94.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 145_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:00:32

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.009 | ug/l | 43.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 1.859 | ug/l | 13.6 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 7.995 | ug/l | 62.1 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.294 | ug/l | 27.6 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -1.918 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 21.510 | ug/l | 34.8 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 0.603 | ug/l | 164.8 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.260 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.078 | ug/l | 21.4 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.132 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.131 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.007 | ug/l | 26.5 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.011 | ug/l | 90.3 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.088 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.023 | ug/l | 132.2 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.772 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.105 | ug/l | 48.8 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.124 | ug/l | 80.2 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.001 | ug/l | 7530.9 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.163 | ug/l | 39.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 85.9 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.136 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.027 | ug/l | 33.1 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.005 | ug/l | 1498.8 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | -0.020 | ug/l | N/A | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.009 | ug/l | 234.0 | | | | |
| [Pb] | 207 | 209 | He | 0.012 | ug/l | 138.8 | | | | |
| Pb | 208 | 209 | He | 0.003 | ug/l | 220.1 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3792553.00 | 0.9 | 118.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6095106.16 | 0.4 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1835652.39 | 1.8 | 88.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46271.97 | 0.5 | 89.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 354879.73 | 1.4 | 88.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 30556.73 | 2.3 | 92.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 73322.00 | 0.7 | 92.1 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 443896.80 | 1.3 | 96.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 363481.92 | 1.5 | 97.7 | 70 | 140 | |

# Sample Report

**File Name** 146SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:03:07

**Sample Name** **460-319640-E-2-A@2**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3509

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 6.568 | ug/l | 4.0 | 2000 | |
| B | 11 | 6 | No Gas | 13.570 | ug/l | 0.5 | 2000 | |
| Na | 23 | 45 | He | 2880.195 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 44260.599 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 104445.828 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 5742.407 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 19555.397 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 516.735 | ug/l | 0.9 | 10000 | |
| V | 51 | 45 | He | 215.402 | ug/l | 2.4 | 5000 | |
| Cr | 52 | 45 | He | 173.428 | ug/l | 0.3 | 20000 | |
| Mn | 55 | 45 | He | 14362.267 | ug/l | 3.3 | 20000 | |
| Fe | 56 | 45 | H2 | 413395.132 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 89.861 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 193.196 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 141.395 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 548.121 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 14.590 | ug/l | 9.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.631 | ug/l | 13.1 | 3000 | |
| Sr | 88 | 115 | He | 91.039 | ug/l | 2.0 | 5000 | |
| Mo | 95 | 115 | He | 6.887 | ug/l | 4.3 | 2000 | |
| Ag | 107 | 115 | He | 0.137 | ug/l | 13.2 | 1000 | |
| Cd | 111 | 115 | He | 0.272 | ug/l | 23.0 | 5000 | |
| Sn | 118 | 115 | He | 8.748 | ug/l | 5.1 | 2000 | |
| Sb | 121 | 115 | He | 0.245 | ug/l | 15.7 | 1000 | |
| Ba | 137 | 159 | He | 396.178 | ug/l | 0.5 | 20000 | |
| Tl | 205 | 209 | He | 0.376 | ug/l | 7.2 | 1000 | |
| [Pb] | 206 | 209 | He | 74.436 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 71.539 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 72.676 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3338618.84 | 3.1 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5893692.90 | 3.0 | 94.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1873862.42 | 1.0 | 89.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48642.42 | 0.9 | 93.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368728.29 | 1.4 | 92.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32369.76 | 0.6 | 98.3 | 70 | 140 | |
| Kr | 83 | He | 80.08 | 12.5 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71579.77 | 0.8 | 89.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 458144.15 | 0.9 | 99.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 348566.52 | 1.3 | 93.7 | 70 | 140 | |

# Sample Report

**File Name** 147SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:05:39

**Sample Name** **460-319640-E-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3510

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 11.539 | ug/l | 5.0 | 2000 | |
| B | 11 | 6 | No Gas | 216.160 | ug/l | 3.3 | 2000 | |
| Na | 23 | 45 | He | 2587.994 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 127598.874 | ug/l | 3.4 | 500000 | |
| Al | 27 | 45 | He | 101010.607 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 6581.785 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 693546.848 | ug/l | 4.3 | 1000000 | |
| Ti | 47 | 45 | He | 3981.694 | ug/l | 0.8 | 10000 | |
| V | 51 | 45 | He | 590.934 | ug/l | 1.5 | 5000 | |
| Cr | 52 | 45 | He | 1269.292 | ug/l | 1.4 | 20000 | |
| Mn | 55 | 45 | He | 21598.325 | ug/l | 1.6 | 20000 | >LDR 6020B□>LDR 200.8 |
| Fe | 56 | 45 | H2 | 433927.997 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 55.811 | ug/l | 2.9 | 2000 | |
| Ni | 60 | 45 | He | 452.508 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 170.005 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 1088.927 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | 76.973 | ug/l | 4.3 | 5000 | |
| Se | 78 | 45 | H2 | 4.643 | ug/l | 8.1 | 3000 | |
| Sr | 88 | 115 | He | 1316.674 | ug/l | 0.2 | 5000 | |
| Mo | 95 | 115 | He | 126.850 | ug/l | 0.6 | 2000 | |
| Ag | 107 | 115 | He | 0.473 | ug/l | 4.6 | 1000 | |
| Cd | 111 | 115 | He | 10.937 | ug/l | 5.2 | 5000 | |
| Sn | 118 | 115 | He | 20.397 | ug/l | 3.5 | 2000 | |
| Sb | 121 | 115 | He | 1.973 | ug/l | 2.9 | 1000 | |
| Ba | 137 | 159 | He | 1158.811 | ug/l | 0.8 | 20000 | |
| Tl | 205 | 209 | He | 0.557 | ug/l | 9.7 | 1000 | |
| [Pb] | 206 | 209 | He | 192.033 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 182.344 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 184.906 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3450988.18 | 3.5 | 107.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6170806.43 | 3.4 | 99.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1954426.44 | 3.1 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49718.28 | 1.5 | 95.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378800.96 | 0.6 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32807.52 | 0.8 | 99.7 | 70 | 140 | |
| Kr | 83 | He | 46.71 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72548.28 | 0.4 | 91.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 445386.34 | 1.2 | 96.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 342613.87 | 0.4 | 92.1 | 70 | 140 | |

# Sample Report

**File Name** 148SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:08:13

**Sample Name** **460-319640-E-4-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3511

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 11.715 | ug/l | 6.2 | 2000 | |
| B | 11 | 6 | No Gas | 21.415 | ug/l | 6.9 | 2000 | |
| Na | 23 | 45 | He | 3120.761 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 60961.140 | ug/l | 1.9 | 500000 | |
| Al | 27 | 45 | He | 166030.531 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 11456.843 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 27070.668 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 491.736 | ug/l | 2.6 | 10000 | |
| V | 51 | 45 | He | 597.615 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 376.048 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 13391.630 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | 531939.042 | ug/l | 1.5 | 500000 | >LDR 6020B□>LDR 200.8 |
| Co | 59 | 45 | He | 184.774 | ug/l | 1.3 | 2000 | |
| Ni | 60 | 45 | He | 402.291 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 255.583 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 1099.578 | ug/l | 0.5 | 20000 | |
| As | 75 | 45 | He | 64.694 | ug/l | 3.7 | 5000 | |
| Se | 78 | 45 | H2 | 2.980 | ug/l | 11.3 | 3000 | |
| Sr | 88 | 115 | He | 165.137 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 5.679 | ug/l | 1.3 | 2000 | |
| Ag | 107 | 115 | He | 0.576 | ug/l | 3.7 | 1000 | |
| Cd | 111 | 115 | He | 13.373 | ug/l | 9.9 | 5000 | |
| Sn | 118 | 115 | He | 15.823 | ug/l | 3.0 | 2000 | |
| Sb | 121 | 115 | He | 1.152 | ug/l | 20.7 | 1000 | |
| Ba | 137 | 159 | He | 1155.207 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.909 | ug/l | 3.1 | 1000 | |
| [Pb] | 206 | 209 | He | 438.166 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 423.952 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 430.955 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3560510.36 | 2.4 | 110.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6606984.35 | 1.8 | 106.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2028516.48 | 1.3 | 97.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 52479.68 | 0.2 | 101.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 388832.18 | 1.0 | 97.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 34057.34 | 1.1 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 106.77 | 30.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73834.06 | 2.1 | 92.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 466044.08 | 0.6 | 101.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 363901.09 | 1.0 | 97.9 | 70 | 140 | |

# Sample Report

**File Name** 149SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:10:44

**Sample Name** **460-319863-B-4-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3512

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 6.724 | ug/l | 4.1 | 2000 | |
| B | 11 | 6 | No Gas | 86.226 | ug/l | 4.4 | 2000 | |
| Na | 23 | 45 | He | 1032.490 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 20351.950 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 76336.003 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 15487.066 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 21585.349 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 1519.247 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 264.354 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 286.764 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 1555.896 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 181089.996 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 45.063 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 81.329 | ug/l | 2.7 | 20000 | |
| Cu | 63 | 45 | He | 66.903 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 283.827 | ug/l | 2.1 | 20000 | |
| As | 75 | 45 | He | 51.553 | ug/l | 3.7 | 5000 | |
| Se | 78 | 45 | H2 | 2.079 | ug/l | 5.9 | 3000 | |
| Sr | 88 | 115 | He | 151.442 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 10.396 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 0.216 | ug/l | 16.6 | 1000 | |
| Cd | 111 | 115 | He | 0.284 | ug/l | 63.9 | 5000 | |
| Sn | 118 | 115 | He | 21.053 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 2.338 | ug/l | 6.5 | 1000 | |
| Ba | 137 | 159 | He | 302.728 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.659 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 103.797 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 98.588 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 100.343 | ug/l | 0.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3458303.83 | 5.0 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6339774.63 | 3.0 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2005355.98 | 1.3 | 96.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 51155.89 | 1.7 | 98.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 400322.12 | 0.3 | 100.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 34892.65 | 0.4 | 106.0 | 70 | 140 | |
| Kr | 83 | He | 46.71 | 32.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75771.35 | 0.4 | 95.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 466595.72 | 0.9 | 101.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 364271.58 | 0.2 | 98.0 | 70 | 140 | |

# Sample Report

**File Name** 150SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:13:19

**Sample Name** **460-319929-H-2-G**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3210

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.217 | ug/l | 7.7 | 2000 | |
| B | 11 | 6 | No Gas | 24.551 | ug/l | 5.4 | 2000 | |
| Na | 23 | 45 | He | 638.934 | ug/l | 2.9 | 500000 | |
| Mg | 24 | 45 | He | 21987.373 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 31357.815 | ug/l | 1.5 | 500000 | |
| K | 39 | 45 | He | 3663.040 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 113517.821 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 1630.249 | ug/l | 2.7 | 10000 | |
| V | 51 | 45 | He | 454.224 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 92.029 | ug/l | 1.1 | 20000 | |
| Mn | 55 | 45 | He | 718.406 | ug/l | 0.3 | 20000 | |
| Fe | 56 | 45 | H2 | 58512.145 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 22.187 | ug/l | 1.6 | 2000 | |
| Ni | 60 | 45 | He | 56.001 | ug/l | 2.7 | 20000 | |
| Cu | 63 | 45 | He | 106.831 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 361.401 | ug/l | 2.6 | 20000 | |
| As | 75 | 45 | He | 19.606 | ug/l | 11.1 | 5000 | |
| Se | 78 | 45 | H2 | 1.032 | ug/l | 25.5 | 3000 | |
| Sr | 88 | 115 | He | 370.650 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 4.102 | ug/l | 2.8 | 2000 | |
| Ag | 107 | 115 | He | 0.328 | ug/l | 5.5 | 1000 | |
| Cd | 111 | 115 | He | 1.196 | ug/l | 5.7 | 5000 | |
| Sn | 118 | 115 | He | 22.032 | ug/l | 5.1 | 2000 | |
| Sb | 121 | 115 | He | 0.917 | ug/l | 15.7 | 1000 | |
| Ba | 137 | 159 | He | 349.456 | ug/l | 0.4 | 20000 | |
| Tl | 205 | 209 | He | 0.356 | ug/l | 3.3 | 1000 | |
| [Pb] | 206 | 209 | He | 399.385 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | 388.160 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 392.474 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3361037.24 | 3.2 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6170622.27 | 2.1 | 99.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1960354.85 | 1.1 | 94.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50725.26 | 1.3 | 97.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 398854.13 | 0.7 | 99.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 34718.91 | 0.7 | 105.5 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 41.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 77667.32 | 1.2 | 97.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 464017.79 | 0.3 | 100.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 369605.84 | 0.6 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 151SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:15:53

**Sample Name** **460-319929-G-3-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3211

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.336 | ug/l | 6.9 | 2000 | |
| B | 11 | 6 | No Gas | 6.311 | ug/l | 15.0 | 2000 | |
| Na | 23 | 45 | He | 231.608 | ug/l | 1.8 | 500000 | |
| Mg | 24 | 45 | He | 2165.223 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 5659.913 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 863.839 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 9587.984 | ug/l | 2.2 | 1000000 | |
| Ti | 47 | 45 | He | 563.037 | ug/l | 0.8 | 10000 | |
| V | 51 | 45 | He | 19.987 | ug/l | 1.7 | 5000 | |
| Cr | 52 | 45 | He | 22.232 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 121.672 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 8266.601 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 3.560 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 12.276 | ug/l | 5.0 | 20000 | |
| Cu | 63 | 45 | He | 25.796 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 118.718 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | 3.795 | ug/l | 8.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.795 | ug/l | 31.9 | 3000 | |
| Sr | 88 | 115 | He | 38.863 | ug/l | 3.5 | 5000 | |
| Mo | 95 | 115 | He | 1.160 | ug/l | 3.9 | 2000 | |
| Ag | 107 | 115 | He | 0.124 | ug/l | 17.0 | 1000 | |
| Cd | 111 | 115 | He | 0.479 | ug/l | 45.0 | 5000 | |
| Sn | 118 | 115 | He | 12.167 | ug/l | 3.8 | 2000 | |
| Sb | 121 | 115 | He | 0.316 | ug/l | 42.8 | 1000 | |
| Ba | 137 | 159 | He | 80.103 | ug/l | 3.9 | 20000 | |
| Tl | 205 | 209 | He | 0.069 | ug/l | 22.0 | 1000 | |
| [Pb] | 206 | 209 | He | 103.704 | ug/l | 2.5 | | |
| [Pb] | 207 | 209 | He | 100.015 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 101.458 | ug/l | 1.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3457007.00 | 6.0 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6123822.61 | 2.7 | 98.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1919106.90 | 1.8 | 92.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48685.87 | 1.2 | 93.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 397645.48 | 0.8 | 99.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 34739.00 | 0.6 | 105.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76547.68 | 1.5 | 96.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 458838.10 | 1.0 | 99.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 368913.03 | 0.6 | 99.2 | 70 | 140 | |

# Sample Report

**File Name** 152SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:18:26

**Sample Name** **460-319929-G-4-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3212

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.942 | ug/l | 5.9 | 2000 | |
| B | 11 | 6 | No Gas | 9.167 | ug/l | 15.5 | 2000 | |
| Na | 23 | 45 | He | 543.497 | ug/l | 5.2 | 500000 | |
| Mg | 24 | 45 | He | 15470.811 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 22469.549 | ug/l | 0.4 | 500000 | |
| K | 39 | 45 | He | 3681.349 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 27465.775 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 1379.875 | ug/l | 1.9 | 10000 | |
| V | 51 | 45 | He | 67.401 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 56.429 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 538.311 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 37183.322 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 13.301 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 41.449 | ug/l | 0.7 | 20000 | |
| Cu | 63 | 45 | He | 59.044 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 321.161 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 9.247 | ug/l | 4.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.756 | ug/l | 10.9 | 3000 | |
| Sr | 88 | 115 | He | 79.825 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 1.732 | ug/l | 3.9 | 2000 | |
| Ag | 107 | 115 | He | 0.203 | ug/l | 5.1 | 1000 | |
| Cd | 111 | 115 | He | 0.806 | ug/l | 13.5 | 5000 | |
| Sn | 118 | 115 | He | 15.369 | ug/l | 0.7 | 2000 | |
| Sb | 121 | 115 | He | 0.331 | ug/l | 9.6 | 1000 | |
| Ba | 137 | 159 | He | 156.302 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.289 | ug/l | 4.0 | 1000 | |
| [Pb] | 206 | 209 | He | 82.596 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 78.862 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 80.091 | ug/l | 0.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3483569.53 | 6.0 | 108.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6204806.50 | 2.3 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1903172.52 | 1.1 | 91.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49539.83 | 0.3 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 398002.05 | 0.5 | 99.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 34175.30 | 1.5 | 103.8 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 107.9 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76260.91 | 1.6 | 95.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 459268.57 | 0.7 | 99.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 366766.96 | 0.4 | 98.6 | 70 | 140 | |

# Sample Report

**File Name** 153SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:20:59

**Sample Name** **460-319929-B-5-G**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.383 | ug/l | 11.7 | 2000 | |
| B | 11 | 6 | No Gas | 18.029 | ug/l | 4.5 | 2000 | |
| Na | 23 | 45 | He | 752.017 | ug/l | 3.2 | 500000 | |
| Mg | 24 | 45 | He | 14049.636 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 33587.092 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 5172.005 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 26302.858 | ug/l | 0.4 | 1000000 | |
| Ti | 47 | 45 | He | 1921.635 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 99.289 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 82.424 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 761.664 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 53790.392 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 20.675 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 62.239 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 96.546 | ug/l | 1.0 | 20000 | |
| Zn | 66 | 45 | He | 349.246 | ug/l | 1.8 | 20000 | |
| As | 75 | 45 | He | 12.146 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.862 | ug/l | 15.7 | 3000 | |
| Sr | 88 | 115 | He | 102.049 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 2.645 | ug/l | 6.0 | 2000 | |
| Ag | 107 | 115 | He | 0.241 | ug/l | 12.0 | 1000 | |
| Cd | 111 | 115 | He | 0.865 | ug/l | 9.8 | 5000 | |
| Sn | 118 | 115 | He | 18.185 | ug/l | 2.0 | 2000 | |
| Sb | 121 | 115 | He | 0.533 | ug/l | 15.7 | 1000 | |
| Ba | 137 | 159 | He | 228.820 | ug/l | 3.5 | 20000 | |
| Tl | 205 | 209 | He | 0.416 | ug/l | 4.7 | 1000 | |
| [Pb] | 206 | 209 | He | 163.104 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 153.057 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 158.325 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3511953.73 | 3.9 | 109.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6213604.77 | 4.2 | 99.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1912094.57 | 1.1 | 91.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49368.34 | 0.6 | 95.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 397986.13 | 1.1 | 99.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 34607.50 | 0.7 | 105.1 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76100.80 | 0.9 | 95.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 459872.91 | 0.6 | 99.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 364904.23 | 0.2 | 98.1 | 70 | 140 | |

# Sample Report

**File Name** 154SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:23:33

**Sample Name** **460-319929-H-6-F**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3302

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.674 | ug/l | 8.0 | 2000 | |
| B | 11 | 6 | No Gas | 9.218 | ug/l | 8.4 | 2000 | |
| Na | 23 | 45 | He | 407.717 | ug/l | 8.6 | 500000 | |
| Mg | 24 | 45 | He | 14003.708 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 16049.482 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 2473.947 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 33299.017 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 952.529 | ug/l | 2.7 | 10000 | |
| V | 51 | 45 | He | 75.712 | ug/l | 0.3 | 5000 | |
| Cr | 52 | 45 | He | 49.010 | ug/l | 2.4 | 20000 | |
| Mn | 55 | 45 | He | 294.009 | ug/l | 2.9 | 20000 | |
| Fe | 56 | 45 | H2 | 29261.589 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 7.988 | ug/l | 3.2 | 2000 | |
| Ni | 60 | 45 | He | 33.560 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 71.824 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 382.808 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | 14.020 | ug/l | 1.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.608 | ug/l | 15.1 | 3000 | |
| Sr | 88 | 115 | He | 102.755 | ug/l | 1.7 | 5000 | |
| Mo | 95 | 115 | He | 2.570 | ug/l | 7.2 | 2000 | |
| Ag | 107 | 115 | He | 0.253 | ug/l | 13.9 | 1000 | |
| Cd | 111 | 115 | He | 0.827 | ug/l | 7.5 | 5000 | |
| Sn | 118 | 115 | He | 20.847 | ug/l | 0.6 | 2000 | |
| Sb | 121 | 115 | He | 1.738 | ug/l | 5.0 | 1000 | |
| Ba | 137 | 159 | He | 178.981 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.187 | ug/l | 5.4 | 1000 | |
| [Pb] | 206 | 209 | He | 209.663 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 202.499 | ug/l | 0.6 | | |
| Pb | 208 | 209 | He | 206.603 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3436079.88 | 5.2 | 106.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6146474.49 | 5.0 | 98.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1940070.07 | 0.5 | 93.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48912.16 | 1.4 | 94.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 396536.02 | 0.7 | 99.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 34266.69 | 1.0 | 104.1 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75309.75 | 0.6 | 94.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 453365.25 | 0.1 | 98.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 364124.62 | 0.8 | 97.9 | 70 | 140 | |

# Sample Report

**File Name** 155SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:26:06

**Sample Name** **460-319357-H-2-I**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3303

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.448 | ug/l | 9.4 | 2000 | |
| B | 11 | 6 | No Gas | 7.311 | ug/l | 5.5 | 2000 | |
| Na | 23 | 45 | He | 109.876 | ug/l | 6.8 | 500000 | |
| Mg | 24 | 45 | He | 1104.270 | ug/l | 0.1 | 500000 | |
| Al | 27 | 45 | He | 49252.129 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 1141.255 | ug/l | 3.2 | 500000 | |
| Ca | 40 | 45 | H2 | 237.170 | ug/l | 2.0 | 1000000 | |
| Ti | 47 | 45 | He | 660.482 | ug/l | 0.5 | 10000 | |
| V | 51 | 45 | He | 79.134 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 62.170 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 72.143 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 40723.179 | ug/l | 2.1 | 500000 | |
| Co | 59 | 45 | He | 3.847 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 15.144 | ug/l | 4.2 | 20000 | |
| Cu | 63 | 45 | He | 25.351 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 21.319 | ug/l | 8.5 | 20000 | |
| As | 75 | 45 | He | 13.095 | ug/l | 1.4 | 5000 | |
| Se | 78 | 45 | H2 | 1.048 | ug/l | 21.3 | 3000 | |
| Sr | 88 | 115 | He | 3.801 | ug/l | 7.8 | 5000 | |
| Mo | 95 | 115 | He | 1.975 | ug/l | 3.0 | 2000 | |
| Ag | 107 | 115 | He | 0.846 | ug/l | 2.5 | 1000 | |
| Cd | 111 | 115 | He | 0.095 | ug/l | 78.7 | 5000 | |
| Sn | 118 | 115 | He | 9.947 | ug/l | 3.1 | 2000 | |
| Sb | 121 | 115 | He | 0.294 | ug/l | 17.3 | 1000 | |
| Ba | 137 | 159 | He | 45.880 | ug/l | 6.4 | 20000 | |
| Tl | 205 | 209 | He | 0.221 | ug/l | 7.8 | 1000 | |
| [Pb] | 206 | 209 | He | 32.420 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 30.382 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 31.518 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3248614.78 | 4.3 | 101.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5954744.01 | 2.0 | 95.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1953689.08 | 1.8 | 93.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49180.89 | 0.7 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 402083.08 | 0.3 | 100.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 34515.07 | 0.4 | 104.8 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75607.11 | 0.7 | 95.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 453823.34 | 0.7 | 98.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 366376.16 | 0.3 | 98.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 156_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:28:40

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 98.332 | ug/l | 5.9 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 243.499 | ug/l | 1.6 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26054.767 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 25590.757 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25290.483 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25176.090 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25204.493 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 101.283 | ug/l | 0.7 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 102.011 | ug/l | 0.7 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 101.516 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.665 | ug/l | 1.9 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25419.396 | ug/l | 1.4 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 100.710 | ug/l | 1.4 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 99.579 | ug/l | 1.5 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 101.737 | ug/l | 1.4 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 244.293 | ug/l | 0.4 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 103.215 | ug/l | 0.6 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 101.389 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.234 | ug/l | 1.3 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 99.235 | ug/l | 0.8 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.569 | ug/l | 1.8 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 100.740 | ug/l | 2.8 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 104.231 | ug/l | 1.6 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 102.457 | ug/l | 1.1 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.025 | ug/l | 0.1 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 100.019 | ug/l | 0.7 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.882 | ug/l | 1.0 | | | | |
| [Pb] | 207 | 209 | He | 99.894 | ug/l | 0.7 | | | | |
| Pb | 208 | 209 | He | 99.706 | ug/l | 0.6 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3318617.28 | 2.3 | 103.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6095084.08 | 3.2 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1914903.93 | 0.3 | 91.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49554.45 | 0.8 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 393311.55 | 0.3 | 98.4 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 33349.88 | 1.3 | 101.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 75975.74 | 1.1 | 95.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 455897.85 | 0.4 | 98.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 363589.56 | 0.7 | 97.8 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 157_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:31:11

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.019 | ug/l | 75.9 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.794 | ug/l | 11.8 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -8.358 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 13.474 | ug/l | 15.4 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.791 | ug/l | 29.2 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 2.301 | ug/l | 429.1 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 19.472 | ug/l | 3.0 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.085 | ug/l | 815.5 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.030 | ug/l | 111.1 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.081 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.145 | ug/l | 32.7 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 12.087 | ug/l | 5.5 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.021 | ug/l | 28.7 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.091 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.106 | ug/l | 3.5 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.429 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.121 | ug/l | 122.3 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.164 | ug/l | 79.4 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.113 | ug/l | 38.4 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.171 | ug/l | 20.3 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.014 | ug/l | 58.6 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 2724.5 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.083 | ug/l | 225.7 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | -0.030 | ug/l | N/A | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.031 | ug/l | 335.9 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.014 | ug/l | 18.9 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.107 | ug/l | 12.7 | | | | |
| [Pb] | 207 | 209 | He | 0.052 | ug/l | 33.8 | | | | |
| Pb | 208 | 209 | He | 0.085 | ug/l | 15.5 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3281278.73 | 3.4 | 102.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5966173.11 | 2.2 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1905347.73 | 1.6 | 91.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48766.16 | 0.8 | 93.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374771.61 | 1.7 | 93.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 31996.67 | 1.0 | 97.2 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |
| In-1 | 115 | He | 76326.02 | 1.0 | 95.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 456253.99 | 1.2 | 99.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 371751.78 | 0.5 | 100.0 | 70 | 140 | |

# Sample Report

**File Name** 158SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:33:46

**Sample Name** **460-319357-G-3-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3304

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.275 | ug/l | 15.5 | 2000 | |
| B | 11 | 6 | No Gas | 3.948 | ug/l | 13.2 | 2000 | |
| Na | 23 | 45 | He | 107.540 | ug/l | 6.9 | 500000 | |
| Mg | 24 | 45 | He | 352.504 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 22975.381 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 583.180 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 172.650 | ug/l | 3.7 | 1000000 | |
| Ti | 47 | 45 | He | 299.042 | ug/l | 3.8 | 10000 | |
| V | 51 | 45 | He | 34.886 | ug/l | 3.0 | 5000 | |
| Cr | 52 | 45 | He | 28.299 | ug/l | 2.1 | 20000 | |
| Mn | 55 | 45 | He | 40.568 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 19471.698 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 2.259 | ug/l | 2.0 | 2000 | |
| Ni | 60 | 45 | He | 7.198 | ug/l | 0.7 | 20000 | |
| Cu | 63 | 45 | He | 15.822 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 5.310 | ug/l | 35.2 | 20000 | |
| As | 75 | 45 | He | 6.642 | ug/l | 8.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.219 | ug/l | 37.9 | 3000 | |
| Sr | 88 | 115 | He | 3.776 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 1.091 | ug/l | 6.2 | 2000 | |
| Ag | 107 | 115 | He | 0.044 | ug/l | 13.1 | 1000 | |
| Cd | 111 | 115 | He | 0.039 | ug/l | 72.4 | 5000 | |
| Sn | 118 | 115 | He | 9.937 | ug/l | 9.3 | 2000 | |
| Sb | 121 | 115 | He | 0.122 | ug/l | 6.1 | 1000 | |
| Ba | 137 | 159 | He | 20.235 | ug/l | 6.8 | 20000 | |
| Tl | 205 | 209 | He | 0.100 | ug/l | 22.3 | 1000 | |
| [Pb] | 206 | 209 | He | 14.918 | ug/l | 2.8 | | |
| [Pb] | 207 | 209 | He | 14.030 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 14.492 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3549363.04 | 4.5 | 110.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6265135.32 | 3.1 | 100.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1880867.37 | 2.2 | 90.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48315.77 | 0.4 | 93.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 390346.95 | 1.7 | 97.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 33908.00 | 1.5 | 103.0 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74652.16 | 0.9 | 93.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 447433.27 | 0.7 | 97.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 364691.09 | 0.8 | 98.1 | 70 | 140 | |

# Sample Report

**File Name** 159SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:36:19

**Sample Name** **460-319357-G-6-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3305

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.681 | ug/l | 9.0 | 2000 | |
| B | 11 | 6 | No Gas | 9.238 | ug/l | 3.4 | 2000 | |
| Na | 23 | 45 | He | 105.925 | ug/l | 9.7 | 500000 | |
| Mg | 24 | 45 | He | 1267.822 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 67130.318 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 1499.868 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 230.171 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 768.181 | ug/l | 1.5 | 10000 | |
| V | 51 | 45 | He | 110.969 | ug/l | 2.4 | 5000 | |
| Cr | 52 | 45 | He | 83.499 | ug/l | 2.6 | 20000 | |
| Mn | 55 | 45 | He | 116.272 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 59650.112 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 5.209 | ug/l | 5.9 | 2000 | |
| Ni | 60 | 45 | He | 19.451 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 34.760 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 31.781 | ug/l | 3.4 | 20000 | |
| As | 75 | 45 | He | 17.900 | ug/l | 10.9 | 5000 | |
| Se | 78 | 45 | H2 | 1.503 | ug/l | 10.1 | 3000 | |
| Sr | 88 | 115 | He | 4.254 | ug/l | 9.6 | 5000 | |
| Mo | 95 | 115 | He | 3.019 | ug/l | 9.3 | 2000 | |
| Ag | 107 | 115 | He | 0.059 | ug/l | 21.8 | 1000 | |
| Cd | 111 | 115 | He | 0.165 | ug/l | 24.5 | 5000 | |
| Sn | 118 | 115 | He | 11.389 | ug/l | 4.2 | 2000 | |
| Sb | 121 | 115 | He | 0.330 | ug/l | 19.8 | 1000 | |
| Ba | 137 | 159 | He | 50.242 | ug/l | 4.4 | 20000 | |
| Tl | 205 | 209 | He | 0.313 | ug/l | 7.1 | 1000 | |
| [Pb] | 206 | 209 | He | 34.756 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 34.215 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 34.256 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3166144.54 | 1.2 | 98.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5922070.33 | 2.1 | 95.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1935262.44 | 0.7 | 92.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49336.01 | 1.1 | 95.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 396672.56 | 0.5 | 99.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 34531.81 | 1.8 | 104.9 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74135.52 | 2.0 | 93.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 448655.14 | 0.9 | 97.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 360810.34 | 1.3 | 97.0 | 70 | 140 | |

# Sample Report

**File Name** 160SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:38:54

**Sample Name** **460-319357-H-7-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3306

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.325 | ug/l | 10.4 | 2000 | |
| B | 11 | 6 | No Gas | 4.210 | ug/l | 14.0 | 2000 | |
| Na | 23 | 45 | He | 80.740 | ug/l | 17.8 | 500000 | |
| Mg | 24 | 45 | He | 466.052 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 26108.235 | ug/l | 1.7 | 500000 | |
| K | 39 | 45 | He | 737.679 | ug/l | 2.7 | 500000 | |
| Ca | 40 | 45 | H2 | 243.608 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 349.180 | ug/l | 2.8 | 10000 | |
| V | 51 | 45 | He | 41.056 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 34.226 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 48.088 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 21113.455 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 2.492 | ug/l | 2.9 | 2000 | |
| Ni | 60 | 45 | He | 8.142 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 16.771 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 11.602 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | 6.844 | ug/l | 11.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.448 | ug/l | 44.8 | 3000 | |
| Sr | 88 | 115 | He | 3.000 | ug/l | 12.2 | 5000 | |
| Mo | 95 | 115 | He | 1.147 | ug/l | 12.1 | 2000 | |
| Ag | 107 | 115 | He | 0.054 | ug/l | 24.5 | 1000 | |
| Cd | 111 | 115 | He | 0.040 | ug/l | 71.3 | 5000 | |
| Sn | 118 | 115 | He | 9.849 | ug/l | 5.1 | 2000 | |
| Sb | 121 | 115 | He | 0.069 | ug/l | 12.5 | 1000 | |
| Ba | 137 | 159 | He | 22.539 | ug/l | 4.6 | 20000 | |
| Tl | 205 | 209 | He | 0.097 | ug/l | 3.7 | 1000 | |
| [Pb] | 206 | 209 | He | 15.180 | ug/l | 0.4 | | |
| [Pb] | 207 | 209 | He | 14.837 | ug/l | 2.2 | | |
| Pb | 208 | 209 | He | 14.954 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3487330.54 | 1.9 | 108.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6194342.68 | 0.7 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1901100.54 | 0.5 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47716.98 | 0.8 | 91.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389845.16 | 0.9 | 97.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 32936.70 | 0.9 | 100.0 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 89.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73704.23 | 1.3 | 92.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 446766.86 | 0.3 | 96.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 361677.91 | 0.3 | 97.3 | 70 | 140 | |

# Sample Report

**File Name** 161SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:41:27

**Sample Name** **460-319357-H-10-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3307

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.112 | ug/l | 21.6 | 2000 | |
| B | 11 | 6 | No Gas | 7.773 | ug/l | 14.0 | 2000 | |
| Na | 23 | 45 | He | 338.501 | ug/l | 7.5 | 500000 | |
| Mg | 24 | 45 | He | 1705.435 | ug/l | 0.6 | 500000 | |
| Al | 27 | 45 | He | 5544.557 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 1186.142 | ug/l | 3.5 | 500000 | |
| Ca | 40 | 45 | H2 | 6822.291 | ug/l | 0.2 | 1000000 | |
| Ti | 47 | 45 | He | 244.407 | ug/l | 6.6 | 10000 | |
| V | 51 | 45 | He | 20.387 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 11.458 | ug/l | 2.6 | 20000 | |
| Mn | 55 | 45 | He | 51.492 | ug/l | 3.9 | 20000 | |
| Fe | 56 | 45 | H2 | 6279.375 | ug/l | 0.1 | 500000 | |
| Co | 59 | 45 | He | 1.464 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 12.893 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 29.595 | ug/l | 1.0 | 20000 | |
| Zn | 66 | 45 | He | 100.155 | ug/l | 4.1 | 20000 | |
| As | 75 | 45 | He | 3.557 | ug/l | 6.3 | 5000 | |
| Se | 78 | 45 | H2 | 1.722 | ug/l | 18.5 | 3000 | |
| Sr | 88 | 115 | He | 34.170 | ug/l | 3.5 | 5000 | |
| Mo | 95 | 115 | He | 2.221 | ug/l | 4.8 | 2000 | |
| Ag | 107 | 115 | He | 0.174 | ug/l | 10.9 | 1000 | |
| Cd | 111 | 115 | He | 0.736 | ug/l | 18.3 | 5000 | |
| Sn | 118 | 115 | He | 13.132 | ug/l | 4.4 | 2000 | |
| Sb | 121 | 115 | He | 1.972 | ug/l | 5.8 | 1000 | |
| Ba | 137 | 159 | He | 51.865 | ug/l | 4.3 | 20000 | |
| Tl | 205 | 209 | He | 0.097 | ug/l | 8.4 | 1000 | |
| [Pb] | 206 | 209 | He | 97.309 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 91.219 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 93.935 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3303384.71 | 6.7 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5935489.15 | 3.2 | 95.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1894641.29 | 0.3 | 90.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48069.32 | 1.5 | 92.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394360.32 | 0.3 | 98.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 33472.41 | 1.0 | 101.7 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74888.40 | 0.1 | 94.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 449017.98 | 1.0 | 97.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 370342.94 | 0.9 | 99.6 | 70 | 140 | |

# Sample Report

**File Name** 162SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:44:01

**Sample Name** **460-319357-H-11-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3308

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.034 | ug/l | 12.0 | 2000 | |
| B | 11 | 6 | No Gas | 8.781 | ug/l | 1.2 | 2000 | |
| Na | 23 | 45 | He | 126.316 | ug/l | 2.7 | 500000 | |
| Mg | 24 | 45 | He | 1421.019 | ug/l | 3.0 | 500000 | |
| Al | 27 | 45 | He | 114978.614 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 1986.578 | ug/l | 3.4 | 500000 | |
| Ca | 40 | 45 | H2 | 199.217 | ug/l | 3.5 | 1000000 | |
| Ti | 47 | 45 | He | 762.601 | ug/l | 2.1 | 10000 | |
| V | 51 | 45 | He | 164.746 | ug/l | 1.6 | 5000 | |
| Cr | 52 | 45 | He | 137.953 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 164.102 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 82903.427 | ug/l | 2.4 | 500000 | |
| Co | 59 | 45 | He | 12.187 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 28.367 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 62.450 | ug/l | 2.2 | 20000 | |
| Zn | 66 | 45 | He | 35.040 | ug/l | 3.8 | 20000 | |
| As | 75 | 45 | He | 26.675 | ug/l | 6.3 | 5000 | |
| Se | 78 | 45 | H2 | 1.450 | ug/l | 9.1 | 3000 | |
| Sr | 88 | 115 | He | 5.634 | ug/l | 11.7 | 5000 | |
| Mo | 95 | 115 | He | 4.287 | ug/l | 4.5 | 2000 | |
| Ag | 107 | 115 | He | 0.069 | ug/l | 19.6 | 1000 | |
| Cd | 111 | 115 | He | 0.296 | ug/l | 32.6 | 5000 | |
| Sn | 118 | 115 | He | 11.614 | ug/l | 3.5 | 2000 | |
| Sb | 121 | 115 | He | 0.645 | ug/l | 14.5 | 1000 | |
| Ba | 137 | 159 | He | 95.387 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.534 | ug/l | 7.8 | 1000 | |
| [Pb] | 206 | 209 | He | 59.250 | ug/l | 0.2 | | |
| [Pb] | 207 | 209 | He | 56.892 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 57.842 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3098735.89 | 0.9 | 96.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5962849.70 | 2.9 | 95.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1956218.25 | 3.3 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48939.02 | 0.8 | 94.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 385175.21 | 1.6 | 96.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33112.71 | 0.8 | 100.6 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72880.55 | 0.9 | 91.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 444550.30 | 0.7 | 96.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 356792.07 | 0.9 | 95.9 | 70 | 140 | |

# Sample Report

**File Name** 163SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:46:35

**Sample Name** **460-319552-B-2-F**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3309

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 5.101 | ug/l | 9.0 | 2000 | |
| B | 11 | 6 | No Gas | 55.114 | ug/l | 8.1 | 2000 | |
| Na | 23 | 45 | He | 1640.726 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 40973.077 | ug/l | 3.5 | 500000 | |
| Al | 27 | 45 | He | 70934.239 | ug/l | 1.7 | 500000 | |
| K | 39 | 45 | He | 22818.600 | ug/l | 1.9 | 500000 | |
| Ca | 40 | 45 | H2 | 35141.213 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 7014.211 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 231.934 | ug/l | 0.5 | 5000 | |
| Cr | 52 | 45 | He | 149.650 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 1327.801 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 156921.890 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 68.907 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 117.170 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 256.300 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 239.913 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 23.477 | ug/l | 3.5 | 5000 | |
| Se | 78 | 45 | H2 | 2.600 | ug/l | 22.5 | 3000 | |
| Sr | 88 | 115 | He | 55.230 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 16.074 | ug/l | 0.9 | 2000 | |
| Ag | 107 | 115 | He | 0.107 | ug/l | 21.2 | 1000 | |
| Cd | 111 | 115 | He | 0.320 | ug/l | 13.8 | 5000 | |
| Sn | 118 | 115 | He | 16.416 | ug/l | 0.7 | 2000 | |
| Sb | 121 | 115 | He | 0.103 | ug/l | 58.8 | 1000 | |
| Ba | 137 | 159 | He | 347.650 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | 1.638 | ug/l | 3.8 | 1000 | |
| [Pb] | 206 | 209 | He | 66.091 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 33.207 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 72.575 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3376393.60 | 4.2 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6181181.92 | 3.5 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1885173.57 | 1.4 | 90.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48367.00 | 0.9 | 93.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378431.51 | 0.4 | 94.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32597.03 | 0.3 | 99.0 | 70 | 140 | |
| Kr | 83 | He | 60.06 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71883.37 | 0.4 | 90.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 460363.63 | 0.7 | 99.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 352582.87 | 1.0 | 94.8 | 70 | 140 | |

# Sample Report

**File Name** 164SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:49:09

**Sample Name** **460-319552-B-4-M**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3310

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.105 | ug/l | 7.2 | 2000 | |
| B | 11 | 6 | No Gas | 7.024 | ug/l | 4.3 | 2000 | |
| Na | 23 | 45 | He | 4409.034 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 26641.213 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 31094.429 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 17332.167 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 41035.336 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 4941.569 | ug/l | 1.1 | 10000 | |
| V | 51 | 45 | He | 112.465 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 58.828 | ug/l | 2.1 | 20000 | |
| Mn | 55 | 45 | He | 1936.836 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 124730.332 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 41.951 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 57.007 | ug/l | 0.8 | 20000 | |
| Cu | 63 | 45 | He | 101.733 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 187.915 | ug/l | 0.5 | 20000 | |
| As | 75 | 45 | He | 6.756 | ug/l | 12.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.920 | ug/l | 11.8 | 3000 | |
| Sr | 88 | 115 | He | 59.058 | ug/l | 2.1 | 5000 | |
| Mo | 95 | 115 | He | 19.789 | ug/l | 3.3 | 2000 | |
| Ag | 107 | 115 | He | 0.072 | ug/l | 34.9 | 1000 | |
| Cd | 111 | 115 | He | 0.051 | ug/l | 66.0 | 5000 | |
| Sn | 118 | 115 | He | 12.654 | ug/l | 2.8 | 2000 | |
| Sb | 121 | 115 | He | -0.062 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 430.385 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.597 | ug/l | 7.2 | 1000 | |
| [Pb] | 206 | 209 | He | 12.806 | ug/l | 1.1 | | |
| [Pb] | 207 | 209 | He | 9.695 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 11.356 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3306550.30 | 3.2 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5954301.86 | 3.0 | 95.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1871473.41 | 1.0 | 89.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47093.70 | 0.9 | 90.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380044.82 | 0.6 | 95.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32721.87 | 0.6 | 99.4 | 70 | 140 | |
| Kr | 83 | He | 96.76 | 57.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72091.57 | 1.3 | 90.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 458279.19 | 0.4 | 99.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 351782.87 | 0.8 | 94.6 | 70 | 140 | |

# Sample Report

**File Name** 165SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:51:42

**Sample Name** **460-319552-B-5-J**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3311

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.567 | ug/l | 4.5 | 2000 | |
| B | 11 | 6 | No Gas | 6.235 | ug/l | 12.4 | 2000 | |
| Na | 23 | 45 | He | 5523.382 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 22916.748 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 26747.629 | ug/l | 0.8 | 500000 | |
| K | 39 | 45 | He | 12569.170 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 30162.212 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 3639.718 | ug/l | 1.3 | 10000 | |
| V | 51 | 45 | He | 93.786 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 92.419 | ug/l | 2.8 | 20000 | |
| Mn | 55 | 45 | He | 1296.452 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 102333.881 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 34.941 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 62.566 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 158.768 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 148.830 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 6.334 | ug/l | 14.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.953 | ug/l | 14.8 | 3000 | |
| Sr | 88 | 115 | He | 41.265 | ug/l | 10.4 | 5000 | |
| Mo | 95 | 115 | He | 9.892 | ug/l | 2.6 | 2000 | |
| Ag | 107 | 115 | He | 0.074 | ug/l | 12.0 | 1000 | |
| Cd | 111 | 115 | He | 0.138 | ug/l | 68.5 | 5000 | |
| Sn | 118 | 115 | He | 12.252 | ug/l | 2.9 | 2000 | |
| Sb | 121 | 115 | He | -0.039 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 252.515 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 0.504 | ug/l | 4.1 | 1000 | |
| [Pb] | 206 | 209 | He | 10.059 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 7.052 | ug/l | 2.3 | | |
| Pb | 208 | 209 | He | 9.227 | ug/l | 1.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3236441.72 | 4.2 | 100.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5855389.56 | 1.7 | 94.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1879038.71 | 0.6 | 90.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47213.01 | 0.7 | 90.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380989.95 | 1.1 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33099.44 | 3.0 | 100.5 | 70 | 140 | |
| Kr | 83 | He | 106.77 | 14.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73196.88 | 0.4 | 91.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 456972.00 | 0.5 | 99.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 355251.17 | 0.7 | 95.5 | 70 | 140 | |

# Sample Report

**File Name** 166SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:54:16

**Sample Name** **460-319552-B-6-L**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3312

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.915 | ug/l | 8.7 | 2000 | |
| B | 11 | 6 | No Gas | 114.383 | ug/l | 6.5 | 2000 | |
| Na | 23 | 45 | He | 1335.779 | ug/l | 2.2 | 500000 | |
| Mg | 24 | 45 | He | 59903.334 | ug/l | 1.9 | 500000 | |
| Al | 27 | 45 | He | 64779.943 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 33668.215 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 38632.210 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 8878.465 | ug/l | 0.3 | 10000 | |
| V | 51 | 45 | He | 229.662 | ug/l | 1.7 | 5000 | |
| Cr | 52 | 45 | He | 241.432 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 1218.303 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 163619.954 | ug/l | 0.3 | 500000 | |
| Co | 59 | 45 | He | 76.381 | ug/l | 0.8 | 2000 | |
| Ni | 60 | 45 | He | 142.802 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 291.096 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 203.558 | ug/l | 2.7 | 20000 | |
| As | 75 | 45 | He | 8.735 | ug/l | 4.8 | 5000 | |
| Se | 78 | 45 | H2 | 3.960 | ug/l | 4.6 | 3000 | |
| Sr | 88 | 115 | He | 48.688 | ug/l | 6.2 | 5000 | |
| Mo | 95 | 115 | He | 21.538 | ug/l | 1.6 | 2000 | |
| Ag | 107 | 115 | He | 0.113 | ug/l | 9.0 | 1000 | |
| Cd | 111 | 115 | He | 0.240 | ug/l | 63.4 | 5000 | |
| Sn | 118 | 115 | He | 15.088 | ug/l | 3.9 | 2000 | |
| Sb | 121 | 115 | He | -0.072 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 364.649 | ug/l | 3.4 | 20000 | |
| Tl | 205 | 209 | He | 2.049 | ug/l | 1.0 | 1000 | |
| [Pb] | 206 | 209 | He | 25.205 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 12.712 | ug/l | 2.1 | | |
| Pb | 208 | 209 | He | 19.550 | ug/l | 1.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3141763.04 | 4.2 | 97.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5922298.87 | 2.9 | 95.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1899905.98 | 1.0 | 91.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48033.76 | 1.0 | 92.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375229.36 | 0.3 | 93.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32619.22 | 0.7 | 99.1 | 70 | 140 | |
| Kr | 83 | He | 56.72 | 10.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72189.39 | 1.5 | 90.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 455490.53 | 1.1 | 98.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 347937.50 | 1.6 | 93.6 | 70 | 140 | |

# Sample Report

**File Name** 167SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:56:49

**Sample Name** **460-319552-B-7-J**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3401

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.373 | ug/l | 6.6 | 2000 | |
| B | 11 | 6 | No Gas | 17.414 | ug/l | 11.6 | 2000 | |
| Na | 23 | 45 | He | 1816.860 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 45982.247 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 64865.385 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 30795.249 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 72410.829 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | 6585.384 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 150.099 | ug/l | 3.0 | 5000 | |
| Cr | 52 | 45 | He | 53.665 | ug/l | 1.4 | 20000 | |
| Mn | 55 | 45 | He | 2648.893 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 212894.038 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 64.387 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 59.722 | ug/l | 2.2 | 20000 | |
| Cu | 63 | 45 | He | 127.408 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 310.623 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 10.203 | ug/l | 9.9 | 5000 | |
| Se | 78 | 45 | H2 | 1.334 | ug/l | 9.0 | 3000 | |
| Sr | 88 | 115 | He | 116.211 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 12.922 | ug/l | 3.5 | 2000 | |
| Ag | 107 | 115 | He | 0.075 | ug/l | 10.4 | 1000 | |
| Cd | 111 | 115 | He | 0.181 | ug/l | 58.8 | 5000 | |
| Sn | 118 | 115 | He | 12.746 | ug/l | 2.2 | 2000 | |
| Sb | 121 | 115 | He | -0.004 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 659.561 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 1.384 | ug/l | 3.7 | 1000 | |
| [Pb] | 206 | 209 | He | 12.517 | ug/l | 0.5 | | |
| [Pb] | 207 | 209 | He | 9.174 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 10.942 | ug/l | 1.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3307581.86 | 6.0 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5967506.85 | 3.9 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1885888.77 | 1.2 | 90.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46867.30 | 1.7 | 90.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381007.11 | 0.6 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33549.37 | 1.8 | 101.9 | 70 | 140 | |
| Kr | 83 | He | 103.44 | 40.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72115.81 | 1.2 | 90.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 456006.80 | 0.2 | 98.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 349011.48 | 1.0 | 93.9 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 168_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 16:59:21

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 102.900 | ug/l | 5.3 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 240.677 | ug/l | 6.4 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26364.669 | ug/l | 2.2 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 26173.818 | ug/l | 2.7 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25799.171 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25538.939 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25056.919 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 103.384 | ug/l | 2.1 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 102.365 | ug/l | 1.6 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 102.507 | ug/l | 1.3 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 101.587 | ug/l | 0.7 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25491.405 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 102.904 | ug/l | 0.4 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 100.931 | ug/l | 2.7 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 102.572 | ug/l | 1.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 253.369 | ug/l | 0.6 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 102.067 | ug/l | 3.3 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 104.253 | ug/l | 2.4 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.345 | ug/l | 1.1 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 100.042 | ug/l | 0.3 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.887 | ug/l | 0.3 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.431 | ug/l | 2.9 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 102.504 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.600 | ug/l | 2.2 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.414 | ug/l | 0.8 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.977 | ug/l | 0.9 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.311 | ug/l | 0.7 | | | | |
| [Pb] | 207 | 209 | He | 101.497 | ug/l | 1.3 | | | | |
| Pb | 208 | 209 | He | 100.224 | ug/l | 0.9 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3253702.14 | 6.3 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5873671.72 | 2.8 | 94.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1840976.14 | 1.0 | 88.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47567.63 | 1.5 | 91.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377731.05 | 0.5 | 94.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 32494.52 | 1.2 | 98.7 | 70 | 140 | |
| Kr | 83 | He | 10.01 | NaN | | | | |
| In-1 | 115 | He | 74615.52 | 0.9 | 93.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 446229.27 | 0.5 | 96.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 359480.97 | 0.8 | 96.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 169_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:01:53

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.017 | ug/l | 23.1 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.211 | ug/l | 34.2 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -12.225 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 11.945 | ug/l | 17.1 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 4.515 | ug/l | 61.2 | 40 | -40 | 40 | |
| K | 39 | 45 | He | -0.979 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 18.461 | ug/l | 8.9 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.346 | ug/l | 227.3 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.060 | ug/l | 120.8 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.211 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.127 | ug/l | 31.7 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 15.705 | ug/l | 3.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.030 | ug/l | 46.8 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.226 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.043 | ug/l | 129.0 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.549 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.095 | ug/l | 50.7 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.208 | ug/l | 37.8 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.068 | ug/l | 106.8 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.087 | ug/l | 21.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 391.4 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.038 | ug/l | 72.2 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.168 | ug/l | 137.7 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.079 | ug/l | 21.8 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.169 | ug/l | 81.4 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.010 | ug/l | 130.7 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.053 | ug/l | 59.0 | | | | |
| [Pb] | 207 | 209 | He | 0.066 | ug/l | 31.8 | | | | |
| Pb | 208 | 209 | He | 0.055 | ug/l | 18.4 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3379093.46 | 9.1 | 105.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6029515.88 | 5.1 | 96.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1870042.89 | 1.2 | 89.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48146.08 | 1.2 | 92.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368009.60 | 1.4 | 92.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 31987.82 | 0.8 | 97.2 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |
| In-1 | 115 | He | 76419.61 | 1.2 | 96.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 451778.06 | 0.5 | 98.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 369010.75 | 1.0 | 99.2 | 70 | 140 | |

# Sample Report

**File Name** 170SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:04:28

**Sample Name** **460-319398-F-2-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3402

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 1.966 | ug/l | 6.9 | 2000 | |
| B | 11 | 6 | No Gas | 23.185 | ug/l | 7.1 | 2000 | |
| Na | 23 | 45 | He | 1252.688 | ug/l | 1.6 | 500000 | |
| Mg | 24 | 45 | He | 20878.584 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 43112.174 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 3406.820 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 63504.739 | ug/l | 2.0 | 1000000 | |
| Ti | 47 | 45 | He | 3258.925 | ug/l | 1.2 | 10000 | |
| V | 51 | 45 | He | 153.481 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 147.355 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 1501.296 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 135112.964 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 48.665 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 128.714 | ug/l | 1.1 | 20000 | |
| Cu | 63 | 45 | He | 285.397 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 1064.496 | ug/l | 0.3 | 20000 | |
| As | 75 | 45 | He | 54.017 | ug/l | 3.5 | 5000 | |
| Se | 78 | 45 | H2 | 0.943 | ug/l | 17.1 | 3000 | |
| Sr | 88 | 115 | He | 112.639 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 4.161 | ug/l | 3.2 | 2000 | |
| Ag | 107 | 115 | He | 1.643 | ug/l | 2.9 | 1000 | |
| Cd | 111 | 115 | He | 1.634 | ug/l | 6.9 | 5000 | |
| Sn | 118 | 115 | He | 55.621 | ug/l | 0.9 | 2000 | |
| Sb | 121 | 115 | He | 2.056 | ug/l | 3.2 | 1000 | |
| Ba | 137 | 159 | He | 285.078 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.242 | ug/l | 5.8 | 1000 | |
| [Pb] | 206 | 209 | He | 433.288 | ug/l | 0.5 | | |
| [Pb] | 207 | 209 | He | 422.630 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 425.544 | ug/l | 0.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3161947.42 | 6.7 | 98.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5999082.34 | 5.0 | 96.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1923309.85 | 0.9 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48960.40 | 0.1 | 94.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389276.73 | 1.5 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33831.14 | 0.2 | 102.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74872.84 | 0.7 | 94.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 455231.46 | 0.9 | 98.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 366397.50 | 0.1 | 98.5 | 70 | 140 | |

# Sample Report

**File Name** 171SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:07:01

**Sample Name** **460-319398-F-4-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3403

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.670 | ug/l | 5.0 | 2000 | |
| B | 11 | 6 | No Gas | 31.065 | ug/l | 9.4 | 2000 | |
| Na | 23 | 45 | He | 1282.949 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 27806.367 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 75183.952 | ug/l | 0.6 | 500000 | |
| K | 39 | 45 | He | 5533.605 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 28901.995 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | 3601.294 | ug/l | 2.2 | 10000 | |
| V | 51 | 45 | He | 244.925 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 503.727 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 4281.073 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 160496.962 | ug/l | 1.3 | 500000 | |
| Co | 59 | 45 | He | 57.505 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 111.438 | ug/l | 3.0 | 20000 | |
| Cu | 63 | 45 | He | 678.188 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 858.227 | ug/l | 1.6 | 20000 | |
| As | 75 | 45 | He | 37.001 | ug/l | 2.6 | 5000 | |
| Se | 78 | 45 | H2 | 2.152 | ug/l | 4.4 | 3000 | |
| Sr | 88 | 115 | He | 110.122 | ug/l | 2.6 | 5000 | |
| Mo | 95 | 115 | He | 5.006 | ug/l | 5.1 | 2000 | |
| Ag | 107 | 115 | He | 2.112 | ug/l | 4.6 | 1000 | |
| Cd | 111 | 115 | He | 2.213 | ug/l | 20.3 | 5000 | |
| Sn | 118 | 115 | He | 558.976 | ug/l | 0.3 | 2000 | |
| Sb | 121 | 115 | He | 8.129 | ug/l | 4.0 | 1000 | |
| Ba | 137 | 159 | He | 668.515 | ug/l | 2.1 | 20000 | |
| Tl | 205 | 209 | He | 0.452 | ug/l | 4.9 | 1000 | |
| [Pb] | 206 | 209 | He | 1928.785 | ug/l | 2.4 | | |
| [Pb] | 207 | 209 | He | 1853.532 | ug/l | 1.7 | | |
| Pb | 208 | 209 | He | 1875.277 | ug/l | 2.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3331621.48 | 5.1 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6389116.36 | 5.8 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1950474.22 | 0.9 | 93.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50060.82 | 0.6 | 96.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389081.69 | 0.9 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33864.59 | 1.0 | 102.9 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 88.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73939.96 | 0.4 | 92.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 458266.60 | 0.7 | 99.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 362235.60 | 0.5 | 97.4 | 70 | 140 | |

# Sample Report

**File Name** 172SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:09:34

**Sample Name** **460-319398-F-5-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3404

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.825 | ug/l | 1.2 | 2000 | |
| B | 11 | 6 | No Gas | 37.350 | ug/l | 2.4 | 2000 | |
| Na | 23 | 45 | He | 1170.991 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 18863.884 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 59448.792 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 4096.507 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 32293.559 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 2789.837 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 310.781 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 274.142 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 1941.567 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | 124403.245 | ug/l | 0.3 | 500000 | |
| Co | 59 | 45 | He | 55.649 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 147.679 | ug/l | 0.8 | 20000 | |
| Cu | 63 | 45 | He | 425.828 | ug/l | 1.0 | 20000 | |
| Zn | 66 | 45 | He | 2130.047 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 35.044 | ug/l | 4.6 | 5000 | |
| Se | 78 | 45 | H2 | 3.812 | ug/l | 4.7 | 3000 | |
| Sr | 88 | 115 | He | 154.247 | ug/l | 1.5 | 5000 | |
| Mo | 95 | 115 | He | 8.891 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 5.773 | ug/l | 2.3 | 1000 | |
| Cd | 111 | 115 | He | 9.379 | ug/l | 6.4 | 5000 | |
| Sn | 118 | 115 | He | 198.922 | ug/l | 1.5 | 2000 | |
| Sb | 121 | 115 | He | 4.025 | ug/l | 2.9 | 1000 | |
| Ba | 137 | 159 | He | 640.975 | ug/l | 2.6 | 20000 | |
| Tl | 205 | 209 | He | 0.590 | ug/l | 0.8 | 1000 | |
| [Pb] | 206 | 209 | He | 1563.750 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 1518.160 | ug/l | 1.4 | | |
| Pb | 208 | 209 | He | 1530.568 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3271392.87 | 0.7 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6080346.30 | 0.6 | 97.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1929813.37 | 0.7 | 92.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49414.02 | 0.2 | 95.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395149.90 | 0.7 | 98.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 34654.39 | 0.5 | 105.3 | 70 | 140 | |
| Kr | 83 | He | 50.05 | 69.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75105.33 | 1.0 | 94.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 465482.52 | 1.3 | 101.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 369040.05 | 1.3 | 99.2 | 70 | 140 | |

# Sample Report

**File Name** 173SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:12:05

**Sample Name** **460-319398-F-6-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3405

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.414 | ug/l | 9.4 | 2000 | |
| B | 11 | 6 | No Gas | 35.346 | ug/l | 3.3 | 2000 | |
| Na | 23 | 45 | He | 1159.918 | ug/l | 3.2 | 500000 | |
| Mg | 24 | 45 | He | 21085.076 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 55070.954 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 4056.873 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 47861.599 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 2911.109 | ug/l | 0.7 | 10000 | |
| V | 51 | 45 | He | 204.487 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 748.424 | ug/l | 0.5 | 20000 | |
| Mn | 55 | 45 | He | 2173.280 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 132934.067 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 45.498 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 103.883 | ug/l | 2.3 | 20000 | |
| Cu | 63 | 45 | He | 761.469 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | 1795.464 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 44.637 | ug/l | 4.7 | 5000 | |
| Se | 78 | 45 | H2 | 3.679 | ug/l | 11.6 | 3000 | |
| Sr | 88 | 115 | He | 163.593 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 4.546 | ug/l | 3.1 | 2000 | |
| Ag | 107 | 115 | He | 3.236 | ug/l | 5.3 | 1000 | |
| Cd | 111 | 115 | He | 3.878 | ug/l | 15.0 | 5000 | |
| Sn | 118 | 115 | He | 559.447 | ug/l | 1.1 | 2000 | |
| Sb | 121 | 115 | He | 10.404 | ug/l | 4.7 | 1000 | |
| Ba | 137 | 159 | He | 713.680 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 0.496 | ug/l | 0.9 | 1000 | |
| [Pb] | 206 | 209 | He | 2651.006 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 2535.857 | ug/l | 2.6 | | |
| Pb | 208 | 209 | He | 2580.048 | ug/l | 2.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3143631.72 | 4.8 | 97.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6045727.41 | 4.8 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1962869.26 | 1.6 | 94.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49570.21 | 1.4 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 393634.83 | 1.0 | 98.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 34235.53 | 0.8 | 104.0 | 70 | 140 | |
| Kr | 83 | He | 43.38 | 53.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74062.12 | 1.1 | 93.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 457774.87 | 1.4 | 99.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 366077.83 | 0.7 | 98.4 | 70 | 140 | |

# Sample Report

**File Name** 174SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:14:37

**Sample Name** **460-319398-E-7-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3406

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 3.442 | ug/l | 2.3 | 2000 | |
| B | 11 | 6 | No Gas | 47.637 | ug/l | 10.8 | 2000 | |
| Na | 23 | 45 | He | 1174.977 | ug/l | 3.5 | 500000 | |
| Mg | 24 | 45 | He | 137964.090 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 73850.309 | ug/l | 1.7 | 500000 | |
| K | 39 | 45 | He | 5307.839 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 364065.051 | ug/l | 0.4 | 1000000 | |
| Ti | 47 | 45 | He | 2139.719 | ug/l | 2.4 | 10000 | |
| V | 51 | 45 | He | 141.679 | ug/l | 1.3 | 5000 | |
| Cr | 52 | 45 | He | 91.035 | ug/l | 3.7 | 20000 | |
| Mn | 55 | 45 | He | 8993.398 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 106436.708 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 31.159 | ug/l | 2.4 | 2000 | |
| Ni | 60 | 45 | He | 103.117 | ug/l | 0.7 | 20000 | |
| Cu | 63 | 45 | He | 129.057 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 348.672 | ug/l | 1.6 | 20000 | |
| As | 75 | 45 | He | 31.229 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 1.077 | ug/l | 23.5 | 3000 | |
| Sr | 88 | 115 | He | 257.495 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 4.184 | ug/l | 2.1 | 2000 | |
| Ag | 107 | 115 | He | 0.321 | ug/l | 16.8 | 1000 | |
| Cd | 111 | 115 | He | 1.638 | ug/l | 15.4 | 5000 | |
| Sn | 118 | 115 | He | 27.137 | ug/l | 0.7 | 2000 | |
| Sb | 121 | 115 | He | 0.914 | ug/l | 6.2 | 1000 | |
| Ba | 137 | 159 | He | 543.161 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.284 | ug/l | 5.1 | 1000 | |
| [Pb] | 206 | 209 | He | 337.556 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 325.022 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 330.868 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3139870.79 | 8.1 | 97.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5990247.06 | 4.2 | 96.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1924157.82 | 1.4 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49206.61 | 1.7 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 383915.05 | 0.4 | 96.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 33221.86 | 0.5 | 100.9 | 70 | 140 | |
| Kr | 83 | He | 56.72 | 20.4 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73736.63 | 0.5 | 92.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 453337.29 | 0.6 | 98.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 352179.18 | 0.6 | 94.7 | 70 | 140 | |

# Sample Report

**File Name** 175SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:17:09

**Sample Name** **460-319398-E-8-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3407

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.064 | ug/l | 1.4 | 2000 | |
| B | 11 | 6 | No Gas | 21.562 | ug/l | 8.9 | 2000 | |
| Na | 23 | 45 | He | 895.853 | ug/l | 0.8 | 500000 | |
| Mg | 24 | 45 | He | 26350.524 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 39561.747 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 4179.881 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 65029.257 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 1371.596 | ug/l | 0.9 | 10000 | |
| V | 51 | 45 | He | 111.181 | ug/l | 0.4 | 5000 | |
| Cr | 52 | 45 | He | 87.614 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 2754.478 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 102149.000 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 28.087 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 53.943 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 39.473 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 83.550 | ug/l | 1.7 | 20000 | |
| As | 75 | 45 | He | 11.202 | ug/l | 4.1 | 5000 | |
| Se | 78 | 45 | H2 | 0.459 | ug/l | 29.4 | 3000 | |
| Sr | 88 | 115 | He | 92.864 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 4.060 | ug/l | 3.4 | 2000 | |
| Ag | 107 | 115 | He | 0.064 | ug/l | 17.0 | 1000 | |
| Cd | 111 | 115 | He | 0.209 | ug/l | 47.3 | 5000 | |
| Sn | 118 | 115 | He | 13.319 | ug/l | 2.2 | 2000 | |
| Sb | 121 | 115 | He | 0.575 | ug/l | 10.8 | 1000 | |
| Ba | 137 | 159 | He | 192.752 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.091 | ug/l | 6.6 | 1000 | |
| [Pb] | 206 | 209 | He | 82.881 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 76.574 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 79.345 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3173713.67 | 4.5 | 98.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6058180.75 | 3.7 | 97.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1951801.48 | 0.4 | 93.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49324.70 | 0.7 | 95.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 392080.18 | 1.4 | 98.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 34061.70 | 1.7 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 20.02 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75591.17 | 0.4 | 94.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 462477.92 | 0.8 | 100.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 367297.39 | 0.6 | 98.8 | 70 | 140 | |

# Sample Report

**File Name** 176SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:19:43

**Sample Name** **460-319398-E-9-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3408

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.823 | ug/l | 5.2 | 2000 | |
| B | 11 | 6 | No Gas | 41.183 | ug/l | 4.0 | 2000 | |
| Na | 23 | 45 | He | 1927.768 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 47259.960 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 67561.027 | ug/l | 0.9 | 500000 | |
| K | 39 | 45 | He | 6127.023 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 260831.995 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 4187.305 | ug/l | 0.9 | 10000 | |
| V | 51 | 45 | He | 252.456 | ug/l | 0.5 | 5000 | |
| Cr | 52 | 45 | He | 166.626 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 1988.468 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 125582.587 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 49.204 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 110.716 | ug/l | 0.5 | 20000 | |
| Cu | 63 | 45 | He | 232.259 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 918.904 | ug/l | 1.1 | 20000 | |
| As | 75 | 45 | He | 27.027 | ug/l | 3.1 | 5000 | |
| Se | 78 | 45 | H2 | 1.357 | ug/l | 5.9 | 3000 | |
| Sr | 88 | 115 | He | 962.071 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 9.099 | ug/l | 5.2 | 2000 | |
| Ag | 107 | 115 | He | 1.239 | ug/l | 3.7 | 1000 | |
| Cd | 111 | 115 | He | 2.089 | ug/l | 10.5 | 5000 | |
| Sn | 118 | 115 | He | 29.427 | ug/l | 2.7 | 2000 | |
| Sb | 121 | 115 | He | 1.112 | ug/l | 21.1 | 1000 | |
| Ba | 137 | 159 | He | 521.657 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.482 | ug/l | 1.8 | 1000 | |
| [Pb] | 206 | 209 | He | 415.682 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 400.122 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 406.777 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3341914.05 | 4.0 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6269092.48 | 3.5 | 100.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1921112.53 | 1.0 | 92.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49807.65 | 1.1 | 95.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 390959.04 | 0.3 | 97.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 34217.77 | 2.0 | 103.9 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 25.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75908.24 | 1.2 | 95.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 460079.31 | 0.4 | 99.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 359373.04 | 0.6 | 96.6 | 70 | 140 | |

# Sample Report

**File Name** 177SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:22:17

**Sample Name** **460-319398-F-10-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3409

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.563 | ug/l | 10.3 | 2000 | |
| B | 11 | 6 | No Gas | 30.150 | ug/l | 10.5 | 2000 | |
| Na | 23 | 45 | He | 1833.882 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 30858.223 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 65227.329 | ug/l | 0.4 | 500000 | |
| K | 39 | 45 | He | 4784.197 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 118470.917 | ug/l | 2.4 | 1000000 | |
| Ti | 47 | 45 | He | 3192.805 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 182.483 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 425.286 | ug/l | 0.4 | 20000 | |
| Mn | 55 | 45 | He | 2848.440 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 187317.964 | ug/l | 1.5 | 500000 | |
| Co | 59 | 45 | He | 57.464 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 120.345 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 2045.569 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 1363.663 | ug/l | 1.2 | 20000 | |
| As | 75 | 45 | He | 88.013 | ug/l | 3.1 | 5000 | |
| Se | 78 | 45 | H2 | 4.016 | ug/l | 8.1 | 3000 | |
| Sr | 88 | 115 | He | 363.202 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 11.230 | ug/l | 3.6 | 2000 | |
| Ag | 107 | 115 | He | 2.697 | ug/l | 1.9 | 1000 | |
| Cd | 111 | 115 | He | 2.421 | ug/l | 11.0 | 5000 | |
| Sn | 118 | 115 | He | 821.799 | ug/l | 0.7 | 2000 | |
| Sb | 121 | 115 | He | 8.267 | ug/l | 2.0 | 1000 | |
| Ba | 137 | 159 | He | 659.067 | ug/l | 0.8 | 20000 | |
| Tl | 205 | 209 | He | 0.749 | ug/l | 4.6 | 1000 | |
| [Pb] | 206 | 209 | He | 3233.586 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 3058.156 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 3118.760 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3359864.26 | 8.2 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6198756.57 | 5.8 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1947259.31 | 2.7 | 93.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49585.70 | 0.9 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 392530.04 | 0.7 | 98.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 34331.22 | 0.9 | 104.3 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74131.99 | 0.7 | 93.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 459620.01 | 0.5 | 99.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 363274.09 | 0.5 | 97.7 | 70 | 140 | |

# Sample Report

**File Name** 178SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:24:49

**Sample Name** **460-319461-C-1-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3410

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 2.379 | ug/l | 0.7 | 2000 | |
| B | 11 | 6 | No Gas | 19.071 | ug/l | 10.7 | 2000 | |
| Na | 23 | 45 | He | 1292.616 | ug/l | 0.4 | 500000 | |
| Mg | 24 | 45 | He | 22647.119 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 79748.071 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 16914.386 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 28269.019 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 3904.517 | ug/l | 1.5 | 10000 | |
| V | 51 | 45 | He | 222.680 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 3446.843 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 1892.193 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 125314.624 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 41.255 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 72.853 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 243.459 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 849.664 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 55.811 | ug/l | 2.1 | 5000 | |
| Se | 78 | 45 | H2 | 2.190 | ug/l | 4.6 | 3000 | |
| Sr | 88 | 115 | He | 108.140 | ug/l | 1.7 | 5000 | |
| Mo | 95 | 115 | He | 3.344 | ug/l | 4.1 | 2000 | |
| Ag | 107 | 115 | He | 0.700 | ug/l | 3.5 | 1000 | |
| Cd | 111 | 115 | He | 1.233 | ug/l | 7.6 | 5000 | |
| Sn | 118 | 115 | He | 92.506 | ug/l | 2.8 | 2000 | |
| Sb | 121 | 115 | He | 2.567 | ug/l | 9.7 | 1000 | |
| Ba | 137 | 159 | He | 608.033 | ug/l | 4.1 | 20000 | |
| Tl | 205 | 209 | He | 1.234 | ug/l | 2.3 | 1000 | |
| [Pb] | 206 | 209 | He | 1353.132 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 1140.299 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 1266.412 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3206477.73 | 8.2 | 99.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6149753.66 | 5.4 | 98.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1969306.41 | 1.2 | 94.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50911.71 | 0.7 | 98.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 390915.27 | 0.6 | 97.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 33845.63 | 1.1 | 102.8 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 90.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75388.65 | 0.6 | 94.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 465061.40 | 1.4 | 100.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 363731.16 | 0.4 | 97.8 | 70 | 140 | |

# Sample Report

**File Name** 179SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:27:22

**Sample Name** **460-319692-A-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3411

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 5.133 | ug/l | 9.9 | 2000 | |
| B | 11 | 6 | No Gas | 98.273 | ug/l | 6.9 | 2000 | |
| Na | 23 | 45 | He | 206.032 | ug/l | 4.7 | 500000 | |
| Mg | 24 | 45 | He | 12096.486 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 72117.014 | ug/l | 1.5 | 500000 | |
| K | 39 | 45 | He | 16058.879 | ug/l | 1.1 | 500000 | |
| Ca | 40 | 45 | H2 | 6660.488 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 1028.233 | ug/l | 1.4 | 10000 | |
| V | 51 | 45 | He | 139.392 | ug/l | 1.4 | 5000 | |
| Cr | 52 | 45 | He | 158.779 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 895.048 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 121501.692 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 17.203 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 46.595 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 53.192 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 234.713 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 59.653 | ug/l | 2.4 | 5000 | |
| Se | 78 | 45 | H2 | 1.986 | ug/l | 5.8 | 3000 | |
| Sr | 88 | 115 | He | 40.801 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 3.144 | ug/l | 5.6 | 2000 | |
| Ag | 107 | 115 | He | 0.226 | ug/l | 14.3 | 1000 | |
| Cd | 111 | 115 | He | 0.812 | ug/l | 24.9 | 5000 | |
| Sn | 118 | 115 | He | 13.476 | ug/l | 4.7 | 2000 | |
| Sb | 121 | 115 | He | 1.033 | ug/l | 7.1 | 1000 | |
| Ba | 137 | 159 | He | 338.731 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.591 | ug/l | 2.5 | 1000 | |
| [Pb] | 206 | 209 | He | 102.534 | ug/l | 1.8 | | |
| [Pb] | 207 | 209 | He | 96.444 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 99.625 | ug/l | 1.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3268905.23 | 6.6 | 101.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6203207.34 | 4.4 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1936943.64 | 0.8 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49989.35 | 0.8 | 96.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395676.74 | 0.9 | 99.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 34595.33 | 0.2 | 105.1 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 83.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75751.98 | 0.6 | 95.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 464553.61 | 0.8 | 100.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 365354.02 | 0.5 | 98.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 180_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:29:56

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 96.887 | ug/l | 5.0 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 243.098 | ug/l | 8.6 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 25767.307 | ug/l | 1.7 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 25437.380 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25412.371 | ug/l | 0.4 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24967.499 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24563.392 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 99.264 | ug/l | 4.9 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.137 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 101.443 | ug/l | 2.1 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.468 | ug/l | 2.5 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25258.148 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 100.545 | ug/l | 0.7 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 98.867 | ug/l | 1.6 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 101.961 | ug/l | 0.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 248.079 | ug/l | 1.9 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.165 | ug/l | 6.4 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 101.211 | ug/l | 3.4 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 100.525 | ug/l | 0.9 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 98.902 | ug/l | 1.9 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.270 | ug/l | 0.3 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 100.403 | ug/l | 0.5 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 102.996 | ug/l | 1.6 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.360 | ug/l | 1.7 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.522 | ug/l | 1.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.692 | ug/l | 1.1 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.587 | ug/l | 1.8 | | | | |
| [Pb] | 207 | 209 | He | 100.731 | ug/l | 0.7 | | | | |
| Pb | 208 | 209 | He | 99.932 | ug/l | 0.9 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3327017.52 | 8.3 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6151035.74 | 4.8 | 98.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1922874.83 | 1.1 | 92.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49486.39 | 0.7 | 95.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389771.95 | 0.6 | 97.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 33733.10 | 0.5 | 102.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 76422.69 | 0.4 | 96.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 461926.06 | 0.9 | 100.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 364812.88 | 1.2 | 98.1 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 181_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:32:28

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.012 | ug/l | 66.4 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.101 | ug/l | 27.0 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -28.540 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 5.134 | ug/l | 10.3 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.318 | ug/l | 316.3 | 40 | -40 | 40 | |
| K | 39 | 45 | He | -13.375 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 6.252 | ug/l | 11.4 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.004 | ug/l | 14973.0 | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.039 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.366 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.039 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 8.700 | ug/l | 1.6 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.005 | ug/l | 348.4 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.297 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.022 | ug/l | 234.6 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -6.792 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.200 | ug/l | 145.4 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.210 | ug/l | 49.3 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.048 | ug/l | 87.5 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.059 | ug/l | 72.4 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 568.3 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.135 | ug/l | 158.3 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.016 | ug/l | 325.8 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.004 | ug/l | 112.9 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.143 | ug/l | 21.1 | | | | |
| [Pb] | 207 | 209 | He | 0.155 | ug/l | 32.2 | | | | |
| Pb | 208 | 209 | He | 0.144 | ug/l | 12.3 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3478193.42 | 7.6 | 108.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6289681.09 | 5.2 | 101.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1932032.84 | 2.0 | 92.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49736.08 | 0.8 | 95.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376004.53 | 1.5 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32603.65 | 0.5 | 99.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 77241.17 | 1.5 | 97.0 | 70 | 140 | |

## Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 457462.72 | 0.9 | 99.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 373014.59 | 0.5 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 182SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:35:04

**Sample Name** **460-319692-A-2-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3412

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 5.226 | ug/l | 3.5 | 2000 | |
| B | 11 | 6 | No Gas | 103.109 | ug/l | 12.0 | 2000 | |
| Na | 23 | 45 | He | 186.182 | ug/l | 1.6 | 500000 | |
| Mg | 24 | 45 | He | 12138.297 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 80336.190 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 18688.896 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 6580.208 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 978.761 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 158.991 | ug/l | 0.2 | 5000 | |
| Cr | 52 | 45 | He | 165.297 | ug/l | 0.6 | 20000 | |
| Mn | 55 | 45 | He | 548.855 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 129575.717 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 15.474 | ug/l | 0.5 | 2000 | |
| Ni | 60 | 45 | He | 48.379 | ug/l | 2.5 | 20000 | |
| Cu | 63 | 45 | He | 51.675 | ug/l | 2.3 | 20000 | |
| Zn | 66 | 45 | He | 232.662 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | 74.927 | ug/l | 4.4 | 5000 | |
| Se | 78 | 45 | H2 | 2.998 | ug/l | 7.6 | 3000 | |
| Sr | 88 | 115 | He | 36.913 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 3.829 | ug/l | 10.0 | 2000 | |
| Ag | 107 | 115 | He | 0.278 | ug/l | 21.8 | 1000 | |
| Cd | 111 | 115 | He | 0.574 | ug/l | 15.8 | 5000 | |
| Sn | 118 | 115 | He | 13.654 | ug/l | 2.7 | 2000 | |
| Sb | 121 | 115 | He | 1.361 | ug/l | 17.7 | 1000 | |
| Ba | 137 | 159 | He | 278.985 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.638 | ug/l | 5.0 | 1000 | |
| [Pb] | 206 | 209 | He | 102.728 | ug/l | 1.2 | | |
| [Pb] | 207 | 209 | He | 96.054 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 99.399 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3372667.97 | 7.0 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6229086.85 | 3.5 | 100.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1939524.41 | 2.2 | 93.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49480.94 | 0.4 | 95.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 396195.42 | 0.8 | 99.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 34521.74 | 1.0 | 104.9 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 41.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74774.01 | 0.4 | 93.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 462220.25 | 0.5 | 100.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 363186.74 | 0.8 | 97.7 | 70 | 140 | |

# Sample Report

**File Name** 183SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:37:38

**Sample Name** **460-319692-A-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3501

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 7.445 | ug/l | 8.2 | 2000 | |
| B | 11 | 6 | No Gas | 148.801 | ug/l | 6.5 | 2000 | |
| Na | 23 | 45 | He | 211.830 | ug/l | 2.7 | 500000 | |
| Mg | 24 | 45 | He | 16394.623 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 98597.748 | ug/l | 2.1 | 500000 | |
| K | 39 | 45 | He | 23912.819 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 6962.444 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 1116.290 | ug/l | 0.4 | 10000 | |
| V | 51 | 45 | He | 176.945 | ug/l | 0.2 | 5000 | |
| Cr | 52 | 45 | He | 206.114 | ug/l | 0.2 | 20000 | |
| Mn | 55 | 45 | He | 1570.597 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 165292.640 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 31.209 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 74.539 | ug/l | 0.6 | 20000 | |
| Cu | 63 | 45 | He | 55.956 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 349.885 | ug/l | 1.2 | 20000 | |
| As | 75 | 45 | He | 63.421 | ug/l | 1.7 | 5000 | |
| Se | 78 | 45 | H2 | 3.191 | ug/l | 11.1 | 3000 | |
| Sr | 88 | 115 | He | 51.086 | ug/l | 3.2 | 5000 | |
| Mo | 95 | 115 | He | 4.148 | ug/l | 3.4 | 2000 | |
| Ag | 107 | 115 | He | 0.313 | ug/l | 6.7 | 1000 | |
| Cd | 111 | 115 | He | 0.730 | ug/l | 8.7 | 5000 | |
| Sn | 118 | 115 | He | 15.337 | ug/l | 5.5 | 2000 | |
| Sb | 121 | 115 | He | 1.554 | ug/l | 19.4 | 1000 | |
| Ba | 137 | 159 | He | 458.378 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.721 | ug/l | 3.5 | 1000 | |
| [Pb] | 206 | 209 | He | 129.393 | ug/l | 1.0 | | |
| [Pb] | 207 | 209 | He | 122.746 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 125.465 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3285646.79 | 4.2 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6205410.74 | 2.2 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1960893.11 | 0.6 | 94.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49356.07 | 0.5 | 95.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395848.92 | 0.3 | 99.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 34229.98 | 1.7 | 104.0 | 70 | 140 | |
| Kr | 83 | He | 70.07 | 57.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74514.32 | 0.8 | 93.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 468220.52 | 0.4 | 101.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 363871.50 | 0.5 | 97.8 | 70 | 140 | |

# Sample Report

**File Name** 184SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:40:12

**Sample Name** **460-319692-A-4-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3502

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 6.441 | ug/l | 4.3 | 2000 | |
| B | 11 | 6 | No Gas | 170.303 | ug/l | 9.5 | 2000 | |
| Na | 23 | 45 | He | 202.708 | ug/l | 5.9 | 500000 | |
| Mg | 24 | 45 | He | 16536.958 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 87078.816 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 26852.469 | ug/l | 2.0 | 500000 | |
| Ca | 40 | 45 | H2 | 8012.394 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 1086.723 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 164.975 | ug/l | 1.5 | 5000 | |
| Cr | 52 | 45 | He | 208.487 | ug/l | 2.5 | 20000 | |
| Mn | 55 | 45 | He | 866.553 | ug/l | 0.7 | 20000 | |
| Fe | 56 | 45 | H2 | 170009.797 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 23.664 | ug/l | 2.5 | 2000 | |
| Ni | 60 | 45 | He | 67.114 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 48.831 | ug/l | 2.4 | 20000 | |
| Zn | 66 | 45 | He | 291.770 | ug/l | 2.8 | 20000 | |
| As | 75 | 45 | He | 81.897 | ug/l | 1.0 | 5000 | |
| Se | 78 | 45 | H2 | 3.206 | ug/l | 12.1 | 3000 | |
| Sr | 88 | 115 | He | 35.094 | ug/l | 1.3 | 5000 | |
| Mo | 95 | 115 | He | 4.706 | ug/l | 2.8 | 2000 | |
| Ag | 107 | 115 | He | 0.217 | ug/l | 10.0 | 1000 | |
| Cd | 111 | 115 | He | 0.741 | ug/l | 19.5 | 5000 | |
| Sn | 118 | 115 | He | 13.036 | ug/l | 5.5 | 2000 | |
| Sb | 121 | 115 | He | 1.431 | ug/l | 2.8 | 1000 | |
| Ba | 137 | 159 | He | 289.600 | ug/l | 1.4 | 20000 | |
| Tl | 205 | 209 | He | 0.629 | ug/l | 1.4 | 1000 | |
| [Pb] | 206 | 209 | He | 91.486 | ug/l | 2.3 | | |
| [Pb] | 207 | 209 | He | 84.864 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 87.738 | ug/l | 2.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3263122.31 | 6.0 | 101.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6123115.19 | 3.2 | 98.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1915294.73 | 0.2 | 91.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49138.66 | 2.2 | 94.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394769.10 | 0.4 | 98.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 34346.89 | 0.8 | 104.3 | 70 | 140 | |
| Kr | 83 | He | 46.71 | 12.4 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74327.97 | 0.8 | 93.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 467661.95 | 0.4 | 101.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 364738.33 | 1.8 | 98.1 | 70 | 140 | |

# Sample Report

**File Name** 185SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:42:45

**Sample Name** **460-319692-A-5-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3503

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 7.323 | ug/l | 7.7 | 2000 | |
| B | 11 | 6 | No Gas | 164.677 | ug/l | 11.0 | 2000 | |
| Na | 23 | 45 | He | 207.508 | ug/l | 5.4 | 500000 | |
| Mg | 24 | 45 | He | 19288.037 | ug/l | 2.6 | 500000 | |
| Al | 27 | 45 | He | 90510.997 | ug/l | 1.7 | 500000 | |
| K | 39 | 45 | He | 28957.364 | ug/l | 2.4 | 500000 | |
| Ca | 40 | 45 | H2 | 8433.840 | ug/l | 2.1 | 1000000 | |
| Ti | 47 | 45 | He | 1131.361 | ug/l | 2.7 | 10000 | |
| V | 51 | 45 | He | 166.414 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 242.309 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 1369.320 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 163880.875 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 20.823 | ug/l | 1.5 | 2000 | |
| Ni | 60 | 45 | He | 57.739 | ug/l | 5.2 | 20000 | |
| Cu | 63 | 45 | He | 56.560 | ug/l | 0.2 | 20000 | |
| Zn | 66 | 45 | He | 341.401 | ug/l | 1.9 | 20000 | |
| As | 75 | 45 | He | 111.978 | ug/l | 4.1 | 5000 | |
| Se | 78 | 45 | H2 | 2.508 | ug/l | 15.9 | 3000 | |
| Sr | 88 | 115 | He | 45.720 | ug/l | 1.3 | 5000 | |
| Mo | 95 | 115 | He | 3.486 | ug/l | 5.1 | 2000 | |
| Ag | 107 | 115 | He | 0.284 | ug/l | 9.7 | 1000 | |
| Cd | 111 | 115 | He | 0.719 | ug/l | 20.9 | 5000 | |
| Sn | 118 | 115 | He | 13.952 | ug/l | 4.2 | 2000 | |
| Sb | 121 | 115 | He | 1.291 | ug/l | 6.2 | 1000 | |
| Ba | 137 | 159 | He | 370.421 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.636 | ug/l | 4.6 | 1000 | |
| [Pb] | 206 | 209 | He | 113.848 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 105.938 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 109.999 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3416054.77 | 8.6 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6255879.98 | 4.8 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1925197.49 | 0.7 | 92.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48957.97 | 1.9 | 94.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395439.10 | 1.0 | 99.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 33955.88 | 1.0 | 103.1 | 70 | 140 | |
| Kr | 83 | He | 80.08 | 37.5 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74558.07 | 1.5 | 93.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 467642.30 | 0.9 | 101.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 362118.82 | 1.3 | 97.4 | 70 | 140 | |

# Sample Report

**File Name** 186SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:45:21

**Sample Name** **460-319692-A-6-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3504

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 7.184 | ug/l | 1.5 | 2000 | |
| B | 11 | 6 | No Gas | 238.920 | ug/l | 7.9 | 2000 | |
| Na | 23 | 45 | He | 195.267 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 19342.628 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 75448.049 | ug/l | 0.0 | 500000 | |
| K | 39 | 45 | He | 34743.574 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 8419.962 | ug/l | 0.3 | 1000000 | |
| Ti | 47 | 45 | He | 1004.335 | ug/l | 1.3 | 10000 | |
| V | 51 | 45 | He | 155.495 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 271.424 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 855.188 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | 174293.087 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 19.900 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 55.375 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 42.654 | ug/l | 0.2 | 20000 | |
| Zn | 66 | 45 | He | 310.273 | ug/l | 2.8 | 20000 | |
| As | 75 | 45 | He | 92.216 | ug/l | 1.8 | 5000 | |
| Se | 78 | 45 | H2 | 2.629 | ug/l | 7.9 | 3000 | |
| Sr | 88 | 115 | He | 35.833 | ug/l | 2.7 | 5000 | |
| Mo | 95 | 115 | He | 3.487 | ug/l | 5.9 | 2000 | |
| Ag | 107 | 115 | He | 0.228 | ug/l | 9.7 | 1000 | |
| Cd | 111 | 115 | He | 0.658 | ug/l | 7.0 | 5000 | |
| Sn | 118 | 115 | He | 16.236 | ug/l | 7.9 | 2000 | |
| Sb | 121 | 115 | He | 1.560 | ug/l | 5.2 | 1000 | |
| Ba | 137 | 159 | He | 297.243 | ug/l | 2.1 | 20000 | |
| Tl | 205 | 209 | He | 0.533 | ug/l | 4.6 | 1000 | |
| [Pb] | 206 | 209 | He | 80.420 | ug/l | 1.1 | | |
| [Pb] | 207 | 209 | He | 76.121 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 78.105 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3254279.85 | 4.9 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6182751.37 | 3.7 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1934112.18 | 1.0 | 92.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49491.96 | 0.9 | 95.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394604.82 | 0.5 | 98.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 34511.78 | 1.0 | 104.8 | 70 | 140 | |
| Kr | 83 | He | 33.37 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75016.83 | 0.5 | 94.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 465969.21 | 0.8 | 101.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 365002.96 | 1.2 | 98.2 | 70 | 140 | |

# Sample Report

**File Name** 187SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:47:55

**Sample Name** **460-319692-A-7-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3505

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 6.176 | ug/l | 1.1 | 2000 | |
| B | 11 | 6 | No Gas | 196.467 | ug/l | 0.9 | 2000 | |
| Na | 23 | 45 | He | 193.772 | ug/l | 3.9 | 500000 | |
| Mg | 24 | 45 | He | 16607.344 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 66669.590 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 31565.349 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 5637.610 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 848.137 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 131.534 | ug/l | 2.0 | 5000 | |
| Cr | 52 | 45 | He | 216.742 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 691.156 | ug/l | 0.0 | 20000 | |
| Fe | 56 | 45 | H2 | 150297.213 | ug/l | 1.5 | 500000 | |
| Co | 59 | 45 | He | 17.000 | ug/l | 0.8 | 2000 | |
| Ni | 60 | 45 | He | 42.048 | ug/l | 1.3 | 20000 | |
| Cu | 63 | 45 | He | 37.222 | ug/l | 0.4 | 20000 | |
| Zn | 66 | 45 | He | 263.326 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | 38.329 | ug/l | 0.5 | 5000 | |
| Se | 78 | 45 | H2 | 2.004 | ug/l | 14.2 | 3000 | |
| Sr | 88 | 115 | He | 28.259 | ug/l | 5.1 | 5000 | |
| Mo | 95 | 115 | He | 3.216 | ug/l | 6.7 | 2000 | |
| Ag | 107 | 115 | He | 0.150 | ug/l | 3.3 | 1000 | |
| Cd | 111 | 115 | He | 0.559 | ug/l | 18.1 | 5000 | |
| Sn | 118 | 115 | He | 13.000 | ug/l | 10.8 | 2000 | |
| Sb | 121 | 115 | He | 1.098 | ug/l | 8.3 | 1000 | |
| Ba | 137 | 159 | He | 206.719 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.370 | ug/l | 6.5 | 1000 | |
| [Pb] | 206 | 209 | He | 79.757 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 75.201 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 77.651 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3506607.00 | 0.6 | 109.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6430581.15 | 0.9 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1931701.00 | 0.6 | 92.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48189.58 | 0.4 | 92.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395524.01 | 1.3 | 99.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 34381.41 | 1.4 | 104.4 | 70 | 140 | |
| Kr | 83 | He | 26.69 | 21.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74324.96 | 0.6 | 93.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 457293.13 | 0.7 | 99.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 361443.06 | 0.9 | 97.2 | 70 | 140 | |

# Sample Report

**File Name** 188SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:50:29

**Sample Name** **460-319692-A-8-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3506

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 7.630 | ug/l | 0.8 | 2000 | |
| B | 11 | 6 | No Gas | 229.525 | ug/l | 10.5 | 2000 | |
| Na | 23 | 45 | He | 203.982 | ug/l | 7.4 | 500000 | |
| Mg | 24 | 45 | He | 19706.744 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 93598.380 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 32817.336 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 7934.207 | ug/l | 3.1 | 1000000 | |
| Ti | 47 | 45 | He | 1066.459 | ug/l | 1.8 | 10000 | |
| V | 51 | 45 | He | 197.477 | ug/l | 2.4 | 5000 | |
| Cr | 52 | 45 | He | 261.465 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 1010.893 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | 191699.338 | ug/l | 3.1 | 500000 | |
| Co | 59 | 45 | He | 21.606 | ug/l | 2.5 | 2000 | |
| Ni | 60 | 45 | He | 54.431 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 41.852 | ug/l | 1.3 | 20000 | |
| Zn | 66 | 45 | He | 319.263 | ug/l | 1.7 | 20000 | |
| As | 75 | 45 | He | 61.049 | ug/l | 4.8 | 5000 | |
| Se | 78 | 45 | H2 | 3.981 | ug/l | 4.4 | 3000 | |
| Sr | 88 | 115 | He | 38.529 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 6.157 | ug/l | 2.6 | 2000 | |
| Ag | 107 | 115 | He | 0.439 | ug/l | 4.5 | 1000 | |
| Cd | 111 | 115 | He | 0.948 | ug/l | 20.4 | 5000 | |
| Sn | 118 | 115 | He | 15.091 | ug/l | 1.8 | 2000 | |
| Sb | 121 | 115 | He | 1.330 | ug/l | 11.1 | 1000 | |
| Ba | 137 | 159 | He | 296.206 | ug/l | 0.5 | 20000 | |
| Tl | 205 | 209 | He | 0.663 | ug/l | 2.1 | 1000 | |
| [Pb] | 206 | 209 | He | 114.248 | ug/l | 0.5 | | |
| [Pb] | 207 | 209 | He | 108.912 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 110.913 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3265533.29 | 6.4 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6209876.23 | 4.0 | 99.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1908024.36 | 1.5 | 91.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49542.25 | 1.4 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394318.91 | 0.8 | 98.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 34697.76 | 0.6 | 105.4 | 70 | 140 | |
| Kr | 83 | He | 36.70 | 15.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75376.26 | 0.7 | 94.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 461173.20 | 1.0 | 100.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 364134.19 | 0.8 | 97.9 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 189_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:53:01

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 102.626 | ug/l | 1.5 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 239.947 | ug/l | 7.4 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 25800.457 | ug/l | 2.1 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 25250.485 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25036.449 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24874.296 | ug/l | 0.1 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24806.587 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 106.166 | ug/l | 4.0 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 99.656 | ug/l | 1.5 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 100.798 | ug/l | 0.7 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.123 | ug/l | 1.1 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25326.643 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 101.160 | ug/l | 0.7 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 100.570 | ug/l | 1.1 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 101.849 | ug/l | 0.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 248.645 | ug/l | 0.2 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 100.596 | ug/l | 1.7 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 102.054 | ug/l | 2.5 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.823 | ug/l | 3.3 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 99.495 | ug/l | 1.8 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.501 | ug/l | 0.9 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 101.601 | ug/l | 0.7 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 104.582 | ug/l | 0.9 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.721 | ug/l | 0.8 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 101.073 | ug/l | 2.4 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 99.295 | ug/l | 0.6 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.954 | ug/l | 1.0 | | | | |
| [Pb] | 207 | 209 | He | 98.703 | ug/l | 0.2 | | | | |
| Pb | 208 | 209 | He | 98.865 | ug/l | 0.2 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3153871.28 | 5.8 | 98.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5892093.87 | 1.4 | 94.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1892156.34 | 1.2 | 90.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48914.38 | 0.3 | 94.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382866.18 | 0.4 | 95.8 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 33367.73 | 0.8 | 101.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 75861.34 | 1.2 | 95.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 456133.83 | 0.4 | 98.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 365458.50 | 0.2 | 98.3 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 190_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:55:33

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.011 | ug/l | 34.5 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.463 | ug/l | 8.5 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -28.514 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 4.917 | ug/l | 26.7 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.949 | ug/l | 137.7 | 40 | -40 | 40 | |
| K | 39 | 45 | He | -13.145 | ug/l | N/A | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 6.522 | ug/l | 9.2 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.016 | ug/l | 572.4 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.006 | ug/l | 434.1 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.409 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.075 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 10.506 | ug/l | 2.1 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.004 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.323 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | -0.003 | ug/l | N/A | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.954 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.050 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.104 | ug/l | 41.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.067 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.113 | ug/l | 10.0 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 69.4 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.029 | ug/l | 56.9 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.059 | ug/l | 10.6 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.060 | ug/l | 138.4 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.016 | ug/l | 636.1 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.001 | ug/l | 420.4 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.093 | ug/l | 14.9 | | | | |
| [Pb] | 207 | 209 | He | 0.065 | ug/l | 31.7 | | | | |
| Pb | 208 | 209 | He | 0.083 | ug/l | 5.6 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3375786.38 | 4.1 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6293866.50 | 2.3 | 101.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1900031.38 | 0.9 | 91.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49198.77 | 0.6 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372106.15 | 0.6 | 93.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 31943.21 | 0.4 | 97.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 76783.43 | 0.7 | 96.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 455448.83 | 0.6 | 98.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 371138.36 | 0.7 | 99.8 | 70 | 140 | |

# Sample Report

**File Name** 191SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 17:58:08

**Sample Name** **460-319787-I-1-E**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.026 | ug/l | 31.8 | 2000 | |
| B | 11 | 6 | No Gas | 299.338 | ug/l | 7.8 | 2000 | |
| Na | 23 | 45 | He | 190639.691 | ug/l | 2.4 | 500000 | |
| Mg | 24 | 45 | He | 36516.001 | ug/l | 0.1 | 500000 | |
| Al | 27 | 45 | He | 28.191 | ug/l | 31.3 | 500000 | |
| K | 39 | 45 | He | 21137.630 | ug/l | 0.2 | 500000 | |
| Ca | 40 | 45 | H2 | 99642.672 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | 2.636 | ug/l | 21.0 | 10000 | |
| V | 51 | 45 | He | 4.781 | ug/l | 7.2 | 5000 | |
| Cr | 52 | 45 | He | 4.375 | ug/l | 8.1 | 20000 | |
| Mn | 55 | 45 | He | 126.267 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 327.810 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 0.119 | ug/l | 20.8 | 2000 | |
| Ni | 60 | 45 | He | 0.418 | ug/l | 41.2 | 20000 | |
| Cu | 63 | 45 | He | 0.307 | ug/l | 7.0 | 20000 | |
| Zn | 66 | 45 | He | -5.956 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 1.124 | ug/l | 12.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.226 | ug/l | 11.4 | 3000 | |
| Sr | 88 | 115 | He | 519.409 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 1.822 | ug/l | 1.8 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 106.7 | 1000 | |
| Cd | 111 | 115 | He | 0.049 | ug/l | 67.5 | 5000 | |
| Sn | 118 | 115 | He | 0.160 | ug/l | 70.8 | 2000 | |
| Sb | 121 | 115 | He | 0.109 | ug/l | 64.4 | 1000 | |
| Ba | 137 | 159 | He | 8.479 | ug/l | 5.1 | 20000 | |
| Tl | 205 | 209 | He | -0.022 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.105 | ug/l | 18.0 | | |
| [Pb] | 207 | 209 | He | 0.087 | ug/l | 20.9 | | |
| Pb | 208 | 209 | He | 0.095 | ug/l | 5.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3286436.72 | 6.4 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6127750.26 | 4.1 | 98.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1911814.41 | 1.8 | 91.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49576.68 | 0.1 | 95.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 391151.76 | 0.5 | 97.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 33784.51 | 2.4 | 102.6 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74343.41 | 0.4 | 93.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 454119.02 | 0.8 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 358299.41 | 0.7 | 96.4 | 70 | 140 | |

# Sample Report

**File Name** 192SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:00:42

**Sample Name** **460-319837-K-8-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.006 | ug/l | 128.7 | 2000 | |
| B | 11 | 6 | No Gas | 5.819 | ug/l | 12.7 | 2000 | |
| Na | 23 | 45 | He | -38.149 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 7.584 | ug/l | 15.8 | 500000 | |
| Al | 27 | 45 | He | 10.112 | ug/l | 2.5 | 500000 | |
| K | 39 | 45 | He | -1.379 | ug/l | N/A | 500000 | |
| Ca | 40 | 45 | H2 | 19.825 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.413 | ug/l | 210.1 | 10000 | |
| V | 51 | 45 | He | -0.037 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.493 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.115 | ug/l | 109.4 | 20000 | |
| Fe | 56 | 45 | H2 | 10.384 | ug/l | 6.4 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.207 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.680 | ug/l | 17.5 | 20000 | |
| Zn | 66 | 45 | He | -5.721 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.080 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | -0.008 | ug/l | N/A | 3000 | |
| Sr | 88 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.049 | ug/l | 51.1 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 51.4 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.051 | ug/l | 334.0 | 2000 | |
| Sb | 121 | 115 | He | 0.000 | ug/l | 44212.5 | 1000 | |
| Ba | 137 | 159 | He | 0.059 | ug/l | 232.9 | 20000 | |
| Tl | 205 | 209 | He | -0.024 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.105 | ug/l | 14.4 | | |
| [Pb] | 207 | 209 | He | 0.068 | ug/l | 41.8 | | |
| Pb | 208 | 209 | He | 0.093 | ug/l | 5.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3469309.67 | 5.5 | 108.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6238305.39 | 3.1 | 100.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1956513.20 | 1.7 | 93.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50919.29 | 1.2 | 98.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376697.15 | 1.1 | 94.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32659.39 | 1.0 | 99.2 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 79598.40 | 0.5 | 100.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 464359.51 | 0.9 | 100.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 376485.84 | 0.1 | 101.2 | 70 | 140 | |

# Sample Report

**File Name** 193SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:03:16

**Sample Name** **460-319930-E-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.230 | ug/l | 3.5 | 2000 | |
| B | 11 | 6 | No Gas | 373.049 | ug/l | 8.2 | 2000 | |
| Na | 23 | 45 | He | 119746.475 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 25681.711 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 4075.912 | ug/l | 2.5 | 500000 | |
| K | 39 | 45 | He | 19161.427 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 57159.283 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 188.395 | ug/l | 3.4 | 10000 | |
| V | 51 | 45 | He | 19.323 | ug/l | 1.6 | 5000 | |
| Cr | 52 | 45 | He | 14.879 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 176.246 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 11021.636 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 2.565 | ug/l | 3.1 | 2000 | |
| Ni | 60 | 45 | He | 6.953 | ug/l | 9.4 | 20000 | |
| Cu | 63 | 45 | He | 3.806 | ug/l | 2.4 | 20000 | |
| Zn | 66 | 45 | He | 42.189 | ug/l | 7.1 | 20000 | |
| As | 75 | 45 | He | 6.396 | ug/l | 8.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.470 | ug/l | 24.0 | 3000 | |
| Sr | 88 | 115 | He | 396.779 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 6.934 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 0.025 | ug/l | 12.2 | 1000 | |
| Cd | 111 | 115 | He | 0.106 | ug/l | 41.2 | 5000 | |
| Sn | 118 | 115 | He | 0.358 | ug/l | 34.6 | 2000 | |
| Sb | 121 | 115 | He | 0.646 | ug/l | 9.7 | 1000 | |
| Ba | 137 | 159 | He | 21.543 | ug/l | 4.0 | 20000 | |
| Tl | 205 | 209 | He | 0.032 | ug/l | 52.8 | 1000 | |
| [Pb] | 206 | 209 | He | 3.660 | ug/l | 5.6 | | |
| [Pb] | 207 | 209 | He | 3.624 | ug/l | 1.6 | | |
| Pb | 208 | 209 | He | 3.695 | ug/l | 2.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3233317.35 | 5.5 | 100.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6116527.41 | 3.4 | 98.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1955517.75 | 0.6 | 93.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48642.52 | 0.6 | 93.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 395809.53 | 0.3 | 99.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 34153.03 | 1.0 | 103.7 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74981.31 | 0.4 | 94.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 453952.10 | 1.0 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 361340.16 | 0.9 | 97.2 | 70 | 140 | |

# Sample Report

**File Name** 194SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:05:49

**Sample Name** **460-319930-E-2-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.083 | ug/l | 16.8 | 2000 | |
| B | 11 | 6 | No Gas | 340.042 | ug/l | 5.0 | 2000 | |
| Na | 23 | 45 | He | 159985.792 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 34073.267 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 1548.349 | ug/l | 3.5 | 500000 | |
| K | 39 | 45 | He | 16120.835 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 67348.200 | ug/l | 0.2 | 1000000 | |
| Ti | 47 | 45 | He | 99.288 | ug/l | 2.6 | 10000 | |
| V | 51 | 45 | He | 12.214 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 10.752 | ug/l | 4.7 | 20000 | |
| Mn | 55 | 45 | He | 167.978 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 8805.828 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 1.171 | ug/l | 4.7 | 2000 | |
| Ni | 60 | 45 | He | 3.065 | ug/l | 6.9 | 20000 | |
| Cu | 63 | 45 | He | 2.011 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 15.952 | ug/l | 5.5 | 20000 | |
| As | 75 | 45 | He | 5.263 | ug/l | 15.9 | 5000 | |
| Se | 78 | 45 | H2 | 0.283 | ug/l | 42.3 | 3000 | |
| Sr | 88 | 115 | He | 556.319 | ug/l | 0.3 | 5000 | |
| Mo | 95 | 115 | He | 6.420 | ug/l | 8.5 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 68.6 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 272.2 | 5000 | |
| Sn | 118 | 115 | He | 0.309 | ug/l | 85.8 | 2000 | |
| Sb | 121 | 115 | He | 0.679 | ug/l | 25.4 | 1000 | |
| Ba | 137 | 159 | He | 6.990 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.001 | ug/l | 1803.1 | 1000 | |
| [Pb] | 206 | 209 | He | 2.717 | ug/l | 5.3 | | |
| [Pb] | 207 | 209 | He | 2.483 | ug/l | 6.2 | | |
| Pb | 208 | 209 | He | 2.575 | ug/l | 1.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3263246.06 | 5.8 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6018072.07 | 3.7 | 96.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1937061.62 | 1.4 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48308.85 | 0.6 | 93.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389901.97 | 0.0 | 97.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 34057.27 | 1.4 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75262.98 | 0.4 | 94.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 451799.44 | 0.6 | 98.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 357646.94 | 1.0 | 96.2 | 70 | 140 | |

# Sample Report

**File Name** 195SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:08:20

**Sample Name** **460-319930-E-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.006 | ug/l | 36.0 | 2000 | |
| B | 11 | 6 | No Gas | 158.025 | ug/l | 2.4 | 2000 | |
| Na | 23 | 45 | He | 79079.817 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 20181.320 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 172.429 | ug/l | 9.0 | 500000 | |
| K | 39 | 45 | He | 11165.601 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 80392.312 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 14.991 | ug/l | 12.9 | 10000 | |
| V | 51 | 45 | He | 4.434 | ug/l | 3.8 | 5000 | |
| Cr | 52 | 45 | He | 4.225 | ug/l | 6.7 | 20000 | |
| Mn | 55 | 45 | He | 128.139 | ug/l | 2.5 | 20000 | |
| Fe | 56 | 45 | H2 | 674.733 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 0.274 | ug/l | 10.0 | 2000 | |
| Ni | 60 | 45 | He | 0.622 | ug/l | 30.0 | 20000 | |
| Cu | 63 | 45 | He | 1.018 | ug/l | 12.7 | 20000 | |
| Zn | 66 | 45 | He | -3.625 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 1.370 | ug/l | 26.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.164 | ug/l | 21.8 | 3000 | |
| Sr | 88 | 115 | He | 463.286 | ug/l | 2.1 | 5000 | |
| Mo | 95 | 115 | He | 3.099 | ug/l | 6.1 | 2000 | |
| Ag | 107 | 115 | He | 0.000 | ug/l | 1573.1 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.261 | ug/l | 31.0 | 2000 | |
| Sb | 121 | 115 | He | 0.371 | ug/l | 20.6 | 1000 | |
| Ba | 137 | 159 | He | 9.493 | ug/l | 8.9 | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.470 | ug/l | 12.0 | | |
| [Pb] | 207 | 209 | He | 0.456 | ug/l | 3.6 | | |
| Pb | 208 | 209 | He | 0.433 | ug/l | 3.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3350367.42 | 4.6 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6058644.91 | 2.3 | 97.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1915021.92 | 0.7 | 91.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48856.51 | 0.6 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389266.84 | 1.2 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 34260.04 | 2.4 | 104.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75898.39 | 2.3 | 95.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 456048.42 | 0.3 | 98.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 363076.80 | 0.2 | 97.6 | 70 | 140 | |

# Sample Report

**File Name** 196SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:10:53

**Sample Name** **460-319930-E-4-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.034 | ug/l | 20.8 | 2000 | |
| B | 11 | 6 | No Gas | 154.042 | ug/l | 5.7 | 2000 | |
| Na | 23 | 45 | He | 78157.973 | ug/l | 0.7 | 500000 | |
| Mg | 24 | 45 | He | 17403.950 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 205.100 | ug/l | 6.9 | 500000 | |
| K | 39 | 45 | He | 10526.578 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 64780.231 | ug/l | 2.2 | 1000000 | |
| Ti | 47 | 45 | He | 16.573 | ug/l | 2.7 | 10000 | |
| V | 51 | 45 | He | 4.007 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 2.962 | ug/l | 9.0 | 20000 | |
| Mn | 55 | 45 | He | 67.962 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 702.569 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 0.212 | ug/l | 15.7 | 2000 | |
| Ni | 60 | 45 | He | 0.576 | ug/l | 8.7 | 20000 | |
| Cu | 63 | 45 | He | 0.657 | ug/l | 13.5 | 20000 | |
| Zn | 66 | 45 | He | -3.801 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 1.144 | ug/l | 34.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.130 | ug/l | 50.6 | 3000 | |
| Sr | 88 | 115 | He | 397.581 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 1.823 | ug/l | 3.7 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 292.2 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.323 | ug/l | 60.3 | 2000 | |
| Sb | 121 | 115 | He | 0.223 | ug/l | 51.7 | 1000 | |
| Ba | 137 | 159 | He | 5.365 | ug/l | 7.0 | 20000 | |
| Tl | 205 | 209 | He | -0.030 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.796 | ug/l | 7.2 | | |
| [Pb] | 207 | 209 | He | 0.734 | ug/l | 9.2 | | |
| Pb | 208 | 209 | He | 0.774 | ug/l | 6.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3307452.24 | 3.5 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6071849.98 | 1.6 | 97.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1892886.34 | 1.2 | 90.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48838.79 | 0.4 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 384999.43 | 0.4 | 96.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 33676.37 | 0.9 | 102.3 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75117.53 | 0.9 | 94.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 453450.55 | 0.7 | 98.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 361269.79 | 1.3 | 97.1 | 70 | 140 | |

# Sample Report

**File Name** 197SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:13:25

**Sample Name** **460-319930-E-5-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.014 | ug/l | 45.5 | 2000 | |
| B | 11 | 6 | No Gas | 88.926 | ug/l | 5.0 | 2000 | |
| Na | 23 | 45 | He | 38301.338 | ug/l | 1.8 | 500000 | |
| Mg | 24 | 45 | He | 19395.368 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 33.842 | ug/l | 27.3 | 500000 | |
| K | 39 | 45 | He | 13117.822 | ug/l | 0.3 | 500000 | |
| Ca | 40 | 45 | H2 | 143349.148 | ug/l | 0.6 | 1000000 | |
| Ti | 47 | 45 | He | 3.541 | ug/l | 14.5 | 10000 | |
| V | 51 | 45 | He | 2.043 | ug/l | 3.6 | 5000 | |
| Cr | 52 | 45 | He | 0.634 | ug/l | 20.2 | 20000 | |
| Mn | 55 | 45 | He | 663.801 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 2804.480 | ug/l | 1.5 | 500000 | |
| Co | 59 | 45 | He | 0.209 | ug/l | 19.3 | 2000 | |
| Ni | 60 | 45 | He | 0.648 | ug/l | 3.5 | 20000 | |
| Cu | 63 | 45 | He | 0.569 | ug/l | 5.6 | 20000 | |
| Zn | 66 | 45 | He | -1.378 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.458 | ug/l | 48.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.203 | ug/l | 38.2 | 3000 | |
| Sr | 88 | 115 | He | 765.866 | ug/l | 0.2 | 5000 | |
| Mo | 95 | 115 | He | 2.137 | ug/l | 6.4 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 133.6 | 1000 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 4764.1 | 5000 | |
| Sn | 118 | 115 | He | 0.281 | ug/l | 32.6 | 2000 | |
| Sb | 121 | 115 | He | 0.238 | ug/l | 9.4 | 1000 | |
| Ba | 137 | 159 | He | 22.344 | ug/l | 5.6 | 20000 | |
| Tl | 205 | 209 | He | -0.028 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.558 | ug/l | 8.5 | | |
| [Pb] | 207 | 209 | He | 0.507 | ug/l | 12.1 | | |
| Pb | 208 | 209 | He | 0.515 | ug/l | 2.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3474285.02 | 3.6 | 108.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6044548.24 | 3.8 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1905900.75 | 1.5 | 91.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49098.40 | 0.5 | 94.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389251.32 | 0.7 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 34086.24 | 1.4 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76569.26 | 0.4 | 96.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 454317.17 | 0.3 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 361948.51 | 0.2 | 97.3 | 70 | 140 | |

# Sample Report

**File Name** 198SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:15:58

**Sample Name** **460-319551-I-1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.013 | ug/l | 49.2 | 2000 | |
| B | 11 | 6 | No Gas | 64.085 | ug/l | 5.6 | 2000 | |
| Na | 23 | 45 | He | 66162.866 | ug/l | 2.9 | 500000 | |
| Mg | 24 | 45 | He | 15947.595 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 130.558 | ug/l | 6.4 | 500000 | |
| K | 39 | 45 | He | 6724.562 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 148402.486 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | 2.922 | ug/l | 5.7 | 10000 | |
| V | 51 | 45 | He | 1.210 | ug/l | 6.6 | 5000 | |
| Cr | 52 | 45 | He | 0.715 | ug/l | 27.5 | 20000 | |
| Mn | 55 | 45 | He | 645.026 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 205.082 | ug/l | 0.2 | 500000 | |
| Co | 59 | 45 | He | 0.239 | ug/l | 13.7 | 2000 | |
| Ni | 60 | 45 | He | 0.679 | ug/l | 30.7 | 20000 | |
| Cu | 63 | 45 | He | 0.700 | ug/l | 5.9 | 20000 | |
| Zn | 66 | 45 | He | -4.716 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 2.104 | ug/l | 14.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.080 | ug/l | 72.0 | 3000 | |
| Sr | 88 | 115 | He | 775.919 | ug/l | 0.2 | 5000 | |
| Mo | 95 | 115 | He | 0.174 | ug/l | 23.6 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 322.0 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.084 | ug/l | 317.3 | 2000 | |
| Sb | 121 | 115 | He | 0.115 | ug/l | 41.4 | 1000 | |
| Ba | 137 | 159 | He | 58.907 | ug/l | 1.8 | 20000 | |
| Tl | 205 | 209 | He | -0.027 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.261 | ug/l | 10.7 | | |
| [Pb] | 207 | 209 | He | 0.239 | ug/l | 33.7 | | |
| Pb | 208 | 209 | He | 0.257 | ug/l | 4.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3547565.05 | 2.4 | 110.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6308876.92 | 1.5 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1902022.25 | 0.9 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48926.69 | 1.0 | 94.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 387610.98 | 0.1 | 97.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 33892.41 | 0.8 | 103.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76499.37 | 0.1 | 96.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 455555.08 | 0.4 | 98.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 362718.84 | 0.3 | 97.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 199_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:18:30

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 107.114 | ug/l | 1.6 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 238.040 | ug/l | 2.2 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 26248.296 | ug/l | 2.9 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 25816.261 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25300.541 | ug/l | 0.1 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25165.413 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24677.071 | ug/l | 0.1 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 97.249 | ug/l | 5.9 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.269 | ug/l | 2.0 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 100.435 | ug/l | 1.9 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.894 | ug/l | 1.9 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25199.101 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 101.218 | ug/l | 0.6 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 101.628 | ug/l | 1.2 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 102.068 | ug/l | 0.6 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 249.178 | ug/l | 2.2 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 104.124 | ug/l | 5.5 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 100.688 | ug/l | 1.2 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 100.415 | ug/l | 1.5 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 100.594 | ug/l | 0.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 50.323 | ug/l | 0.5 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 99.989 | ug/l | 1.5 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.687 | ug/l | 0.5 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 101.856 | ug/l | 0.7 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.271 | ug/l | 1.5 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 98.794 | ug/l | 1.6 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 99.420 | ug/l | 1.1 | | | | |
| [Pb] | 207 | 209 | He | 98.415 | ug/l | 2.1 | | | | |
| Pb | 208 | 209 | He | 99.127 | ug/l | 0.4 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3258329.64 | 1.6 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5809002.55 | 0.8 | 93.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1868929.49 | 0.4 | 89.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48411.50 | 1.3 | 93.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380234.68 | 0.8 | 95.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 32798.65 | 1.0 | 99.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 74668.73 | 0.6 | 93.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 447382.85 | 1.4 | 97.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 360207.37 | 0.7 | 96.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 200_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:21:02

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Method Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.010 | ug/l | 64.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.804 | ug/l | 20.9 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -26.981 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 3.425 | ug/l | 83.9 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -0.008 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 4.999 | ug/l | 386.1 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 8.314 | ug/l | 11.6 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.147 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.000 | ug/l | 4439.0 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.061 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.000 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 9.147 | ug/l | 5.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.006 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.267 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | -0.051 | ug/l | N/A | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.817 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.050 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.219 | ug/l | 81.6 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.040 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.137 | ug/l | 20.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | -0.001 | ug/l | N/A | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.009 | ug/l | 506.4 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.207 | ug/l | 70.9 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | -0.003 | ug/l | N/A | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.044 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.004 | ug/l | 114.8 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.051 | ug/l | 17.6 | | | | |
| [Pb] | 207 | 209 | He | 0.035 | ug/l | 79.9 | | | | |
| Pb | 208 | 209 | He | 0.038 | ug/l | 41.1 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3503789.18 | 6.7 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6073493.17 | 3.7 | 97.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1885844.56 | 1.5 | 90.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48830.87 | 0.1 | 94.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 362707.48 | 0.3 | 90.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 31687.04 | 0.8 | 96.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 76714.53 | 1.8 | 96.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 456632.67 | 0.7 | 99.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 375299.33 | 1.1 | 100.9 | 70 | 140 | |

# Sample Report

**File Name** 201SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:23:37

**Sample Name** **460-319551-I-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.485 | ug/l | 5.0 | 2000 | |
| B | 11 | 6 | No Gas | 20.098 | ug/l | 5.1 | 2000 | |
| Na | 23 | 45 | He | 12879.122 | ug/l | 1.5 | 500000 | |
| Mg | 24 | 45 | He | 15280.977 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 6636.350 | ug/l | 0.5 | 500000 | |
| K | 39 | 45 | He | 6698.569 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 60204.084 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 278.871 | ug/l | 1.4 | 10000 | |
| V | 51 | 45 | He | 13.579 | ug/l | 3.2 | 5000 | |
| Cr | 52 | 45 | He | 9.354 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 484.557 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 7466.549 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 4.787 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 10.712 | ug/l | 2.9 | 20000 | |
| Cu | 63 | 45 | He | 17.098 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 49.384 | ug/l | 0.9 | 20000 | |
| As | 75 | 45 | He | 9.479 | ug/l | 0.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.186 | ug/l | 44.7 | 3000 | |
| Sr | 88 | 115 | He | 413.479 | ug/l | 2.1 | 5000 | |
| Mo | 95 | 115 | He | 1.875 | ug/l | 6.7 | 2000 | |
| Ag | 107 | 115 | He | 0.023 | ug/l | 40.2 | 1000 | |
| Cd | 111 | 115 | He | 0.057 | ug/l | 56.6 | 5000 | |
| Sn | 118 | 115 | He | 0.328 | ug/l | 21.9 | 2000 | |
| Sb | 121 | 115 | He | 0.487 | ug/l | 13.2 | 1000 | |
| Ba | 137 | 159 | He | 146.725 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 0.071 | ug/l | 9.1 | 1000 | |
| [Pb] | 206 | 209 | He | 4.088 | ug/l | 0.5 | | |
| [Pb] | 207 | 209 | He | 4.014 | ug/l | 2.7 | | |
| Pb | 208 | 209 | He | 4.116 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3521025.99 | 5.3 | 109.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6097500.88 | 3.1 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1933876.22 | 0.4 | 92.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50074.02 | 0.7 | 96.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 391156.50 | 0.8 | 97.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 34520.59 | 1.5 | 104.9 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 34.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76193.41 | 0.4 | 95.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 453992.14 | 0.6 | 98.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 365821.37 | 0.4 | 98.4 | 70 | 140 | |

# Sample Report

**File Name** 202SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:26:10

**Sample Name** **460-319551-I-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.036 | ug/l | 28.3 | 2000 | |
| B | 11 | 6 | No Gas | 151.926 | ug/l | 2.5 | 2000 | |
| Na | 23 | 45 | He | 87083.062 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 14071.674 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 184.969 | ug/l | 4.6 | 500000 | |
| K | 39 | 45 | He | 5883.588 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 97894.385 | ug/l | 2.4 | 1000000 | |
| Ti | 47 | 45 | He | 5.896 | ug/l | 10.7 | 10000 | |
| V | 51 | 45 | He | 2.786 | ug/l | 10.0 | 5000 | |
| Cr | 52 | 45 | He | 1.037 | ug/l | 17.5 | 20000 | |
| Mn | 55 | 45 | He | 1979.914 | ug/l | 0.2 | 20000 | |
| Fe | 56 | 45 | H2 | 36266.413 | ug/l | 1.3 | 500000 | |
| Co | 59 | 45 | He | 0.831 | ug/l | 5.8 | 2000 | |
| Ni | 60 | 45 | He | 1.100 | ug/l | 19.3 | 20000 | |
| Cu | 63 | 45 | He | 0.732 | ug/l | 9.8 | 20000 | |
| Zn | 66 | 45 | He | -4.554 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 46.274 | ug/l | 4.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.350 | ug/l | 12.8 | 3000 | |
| Sr | 88 | 115 | He | 500.443 | ug/l | 0.1 | 5000 | |
| Mo | 95 | 115 | He | 11.061 | ug/l | 1.3 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 49.1 | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.158 | ug/l | 97.8 | 2000 | |
| Sb | 121 | 115 | He | 0.374 | ug/l | 11.7 | 1000 | |
| Ba | 137 | 159 | He | 204.248 | ug/l | 2.0 | 20000 | |
| Tl | 205 | 209 | He | -0.019 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.337 | ug/l | 7.5 | | |
| [Pb] | 207 | 209 | He | 0.368 | ug/l | 8.3 | | |
| Pb | 208 | 209 | He | 0.360 | ug/l | 5.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3380720.51 | 6.0 | 105.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6024976.58 | 5.1 | 96.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1904735.74 | 1.9 | 91.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48800.60 | 0.8 | 94.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 387839.89 | 1.1 | 97.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 34153.04 | 0.9 | 103.7 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75939.18 | 0.5 | 95.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 453692.09 | 0.5 | 98.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 360640.88 | 0.6 | 97.0 | 70 | 140 | |

# Sample Report

**File Name** 203SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:28:42

**Sample Name** **460-319551-I-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4111

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.011 | ug/l | 31.8 | 2000 | |
| B | 11 | 6 | No Gas | 131.762 | ug/l | 7.2 | 2000 | |
| Na | 23 | 45 | He | 53119.692 | ug/l | 3.6 | 500000 | |
| Mg | 24 | 45 | He | 12373.665 | ug/l | 1.6 | 500000 | |
| Al | 27 | 45 | He | 6.976 | ug/l | 11.9 | 500000 | |
| K | 39 | 45 | He | 7115.781 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 124752.141 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.306 | ug/l | 68.0 | 10000 | |
| V | 51 | 45 | He | 0.823 | ug/l | 12.3 | 5000 | |
| Cr | 52 | 45 | He | 0.736 | ug/l | 82.6 | 20000 | |
| Mn | 55 | 45 | He | 49.879 | ug/l | 1.9 | 20000 | |
| Fe | 56 | 45 | H2 | 684.750 | ug/l | 3.8 | 500000 | |
| Co | 59 | 45 | He | 0.761 | ug/l | 4.4 | 2000 | |
| Ni | 60 | 45 | He | 4.099 | ug/l | 6.2 | 20000 | |
| Cu | 63 | 45 | He | 1.636 | ug/l | 9.5 | 20000 | |
| Zn | 66 | 45 | He | 23.612 | ug/l | 5.8 | 20000 | |
| As | 75 | 45 | He | 0.967 | ug/l | 25.3 | 5000 | |
| Se | 78 | 45 | H2 | 4.664 | ug/l | 12.8 | 3000 | |
| Sr | 88 | 115 | He | 744.933 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 2.248 | ug/l | 5.3 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 127.0 | 1000 | |
| Cd | 111 | 115 | He | 0.048 | ug/l | 34.2 | 5000 | |
| Sn | 118 | 115 | He | 0.169 | ug/l | 125.4 | 2000 | |
| Sb | 121 | 115 | He | 2.390 | ug/l | 4.8 | 1000 | |
| Ba | 137 | 159 | He | 111.388 | ug/l | 2.9 | 20000 | |
| Tl | 205 | 209 | He | 0.108 | ug/l | 21.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.215 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 0.259 | ug/l | 23.3 | | |
| Pb | 208 | 209 | He | 0.214 | ug/l | 6.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3554267.59 | 5.1 | 110.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6317778.52 | 2.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1907043.67 | 2.3 | 91.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49230.92 | 2.0 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 390821.11 | 0.4 | 97.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 34131.88 | 0.6 | 103.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76161.33 | 0.7 | 95.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 456756.90 | 0.7 | 99.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 364500.33 | 1.1 | 98.0 | 70 | 140 | |

# Sample Report

**File Name** 204SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:31:15

**Sample Name** **460-319597-E-1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4112

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.044 | ug/l | 32.5 | 2000 | |
| B | 11 | 6 | No Gas | 1932.207 | ug/l | 3.8 | 2000 | >LDR 200.8 |
| Na | 23 | 45 | He | 441068.962 | ug/l | 1.5 | 500000 | |
| Mg | 24 | 45 | He | 56469.102 | ug/l | 3.2 | 500000 | |
| Al | 27 | 45 | He | 140.968 | ug/l | 5.3 | 500000 | |
| K | 39 | 45 | He | 1274.675 | ug/l | 2.0 | 500000 | |
| Ca | 40 | 45 | H2 | 311689.653 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | 2.555 | ug/l | 39.3 | 10000 | |
| V | 51 | 45 | He | 1.226 | ug/l | 5.7 | 5000 | |
| Cr | 52 | 45 | He | 0.213 | ug/l | 49.1 | 20000 | |
| Mn | 55 | 45 | He | 9813.142 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 20819.589 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 2.976 | ug/l | 4.4 | 2000 | |
| Ni | 60 | 45 | He | 2.310 | ug/l | 17.3 | 20000 | |
| Cu | 63 | 45 | He | 1.603 | ug/l | 6.1 | 20000 | |
| Zn | 66 | 45 | He | 0.221 | ug/l | 430.5 | 20000 | |
| As | 75 | 45 | He | 3.239 | ug/l | 21.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.346 | ug/l | 41.0 | 3000 | |
| Sr | 88 | 115 | He | 593.561 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 0.342 | ug/l | 15.0 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 195.6 | 1000 | |
| Cd | 111 | 115 | He | 0.068 | ug/l | 41.9 | 5000 | |
| Sn | 118 | 115 | He | 0.057 | ug/l | 101.4 | 2000 | |
| Sb | 121 | 115 | He | 0.052 | ug/l | 67.4 | 1000 | |
| Ba | 137 | 159 | He | 358.065 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | -0.029 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.262 | ug/l | 16.3 | | |
| [Pb] | 207 | 209 | He | 0.252 | ug/l | 6.0 | | |
| Pb | 208 | 209 | He | 0.258 | ug/l | 8.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3309397.56 | 1.6 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6022559.56 | 1.3 | 96.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1871473.41 | 2.7 | 89.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49242.23 | 1.5 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382127.31 | 1.0 | 95.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 33999.36 | 1.4 | 103.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 74609.94 | 0.1 | 93.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 447402.53 | 1.8 | 97.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 343909.67 | 0.4 | 92.5 | 70 | 140 | |

# Sample Report

**File Name** 205SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:33:45

**Sample Name** **460-319597-E-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.033 | ug/l | 37.7 | 2000 | |
| B | 11 | 6 | No Gas | 355.279 | ug/l | 3.8 | 2000 | |
| Na | 23 | 45 | He | 193217.141 | ug/l | 4.2 | 500000 | |
| Mg | 24 | 45 | He | 26055.958 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 600.556 | ug/l | 11.0 | 500000 | |
| K | 39 | 45 | He | 1257.522 | ug/l | 4.1 | 500000 | |
| Ca | 40 | 45 | H2 | 177794.982 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 16.066 | ug/l | 44.7 | 10000 | |
| V | 51 | 45 | He | 1.747 | ug/l | 15.8 | 5000 | |
| Cr | 52 | 45 | He | 1.325 | ug/l | 24.3 | 20000 | |
| Mn | 55 | 45 | He | 2708.290 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 1171.353 | ug/l | 5.6 | 500000 | |
| Co | 59 | 45 | He | 1.233 | ug/l | 7.5 | 2000 | |
| Ni | 60 | 45 | He | 1.414 | ug/l | 9.2 | 20000 | |
| Cu | 63 | 45 | He | 1.557 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | -4.087 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.966 | ug/l | 24.3 | 5000 | |
| Se | 78 | 45 | H2 | 0.251 | ug/l | 70.8 | 3000 | |
| Sr | 88 | 115 | He | 438.055 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 1.126 | ug/l | 5.7 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 74.1 | 1000 | |
| Cd | 111 | 115 | He | 0.076 | ug/l | 57.3 | 5000 | |
| Sn | 118 | 115 | He | -0.018 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.154 | ug/l | 87.3 | 1000 | |
| Ba | 137 | 159 | He | 331.636 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | -0.026 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.382 | ug/l | 15.7 | | |
| [Pb] | 207 | 209 | He | 0.383 | ug/l | 7.4 | | |
| Pb | 208 | 209 | He | 0.366 | ug/l | 9.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3450787.80 | 4.5 | 107.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6199788.24 | 1.9 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1898822.05 | 1.6 | 91.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49193.33 | 1.3 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 388456.41 | 1.0 | 97.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 33933.66 | 1.2 | 103.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 75698.19 | 1.2 | 95.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 454749.10 | 0.5 | 98.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 355274.35 | 0.1 | 95.5 | 70 | 140 | |

# Sample Report

**File Name** 206SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:36:19

**Sample Name** **460-319943-C-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4202

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.005 | ug/l | 83.3 | 2000 | |
| B | 11 | 6 | No Gas | 11.083 | ug/l | 4.6 | 2000 | |
| Na | 23 | 45 | He | -19.079 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 7.950 | ug/l | 17.0 | 500000 | |
| Al | 27 | 45 | He | 5.631 | ug/l | 95.8 | 500000 | |
| K | 39 | 45 | He | 20.336 | ug/l | 45.7 | 500000 | |
| Ca | 40 | 45 | H2 | 25.793 | ug/l | 8.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.188 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.008 | ug/l | 463.6 | 5000 | |
| Cr | 52 | 45 | He | -0.235 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.453 | ug/l | 34.7 | 20000 | |
| Fe | 56 | 45 | H2 | 10.738 | ug/l | 4.2 | 500000 | |
| Co | 59 | 45 | He | -0.006 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.142 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 1.613 | ug/l | 4.4 | 20000 | |
| Zn | 66 | 45 | He | -5.299 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 0.086 | ug/l | 149.3 | 5000 | |
| Se | 78 | 45 | H2 | -0.032 | ug/l | N/A | 3000 | |
| Sr | 88 | 115 | He | 0.027 | ug/l | 361.0 | 5000 | |
| Mo | 95 | 115 | He | 0.027 | ug/l | 55.5 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 298.8 | 1000 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.252 | ug/l | 70.9 | 2000 | |
| Sb | 121 | 115 | He | -0.003 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.102 | ug/l | 136.7 | 20000 | |
| Tl | 205 | 209 | He | -0.031 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.082 | ug/l | 27.7 | | |
| [Pb] | 207 | 209 | He | 0.084 | ug/l | 24.0 | | |
| Pb | 208 | 209 | He | 0.093 | ug/l | 10.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3432932.00 | 3.8 | 106.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6017062.41 | 1.8 | 96.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1967757.94 | 1.5 | 94.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50462.14 | 1.0 | 97.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374908.12 | 0.8 | 93.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32339.67 | 1.8 | 98.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 78648.77 | 0.1 | 98.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 462457.21 | 1.7 | 100.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 378064.47 | 1.6 | 101.7 | 70 | 140 | |

# Sample Report

**File Name** 207SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:38:54

**Sample Name** **460-319954-C-7-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4203

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.003 | ug/l | 99.3 | 2000 | |
| B | 11 | 6 | No Gas | 5.958 | ug/l | 13.0 | 2000 | |
| Na | 23 | 45 | He | -31.337 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 2.412 | ug/l | 33.7 | 500000 | |
| Al | 27 | 45 | He | 2.005 | ug/l | 106.3 | 500000 | |
| K | 39 | 45 | He | 13.860 | ug/l | 89.9 | 500000 | |
| Ca | 40 | 45 | H2 | 11.522 | ug/l | 4.6 | 1000000 | |
| Ti | 47 | 45 | He | -0.174 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.079 | ug/l | 76.5 | 5000 | |
| Cr | 52 | 45 | He | 0.229 | ug/l | 45.2 | 20000 | |
| Mn | 55 | 45 | He | 0.264 | ug/l | 54.8 | 20000 | |
| Fe | 56 | 45 | H2 | 12.842 | ug/l | 5.2 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.152 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.647 | ug/l | 12.5 | 20000 | |
| Zn | 66 | 45 | He | -5.951 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.135 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.039 | ug/l | 140.2 | 3000 | |
| Sr | 88 | 115 | He | -0.007 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.120 | ug/l | 27.5 | 2000 | |
| Ag | 107 | 115 | He | -0.002 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | -0.009 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.038 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.038 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.190 | ug/l | 47.3 | 20000 | |
| Tl | 205 | 209 | He | -0.033 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.029 | ug/l | 81.9 | | |
| [Pb] | 207 | 209 | He | 0.029 | ug/l | 66.8 | | |
| Pb | 208 | 209 | He | 0.033 | ug/l | 25.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3649022.96 | 4.0 | 113.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6360635.88 | 2.1 | 102.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1976362.94 | 0.5 | 94.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49987.16 | 1.1 | 96.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378809.67 | 0.5 | 94.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32451.10 | 0.7 | 98.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 78039.50 | 1.9 | 98.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 464678.97 | 1.5 | 100.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 375088.48 | 1.1 | 100.9 | 70 | 140 | |

# Sample Report

**File Name** 208SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:41:30

**Sample Name** **460-319597-D-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4204

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.001 | ug/l | 355.5 | 2000 | |
| B | 11 | 6 | No Gas | 193.784 | ug/l | 10.3 | 2000 | |
| Na | 23 | 45 | He | 61291.339 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 5089.351 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 10.080 | ug/l | 38.9 | 500000 | |
| K | 39 | 45 | He | 3322.259 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 47690.673 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 1.277 | ug/l | 39.7 | 10000 | |
| V | 51 | 45 | He | 3.753 | ug/l | 3.7 | 5000 | |
| Cr | 52 | 45 | He | 0.519 | ug/l | 3.2 | 20000 | |
| Mn | 55 | 45 | He | 1166.302 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 7664.627 | ug/l | 2.2 | 500000 | |
| Co | 59 | 45 | He | 0.127 | ug/l | 39.0 | 2000 | |
| Ni | 60 | 45 | He | 0.437 | ug/l | 42.2 | 20000 | |
| Cu | 63 | 45 | He | 0.656 | ug/l | 18.4 | 20000 | |
| Zn | 66 | 45 | He | -3.448 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 2.756 | ug/l | 0.6 | 5000 | |
| Se | 78 | 45 | H2 | 0.134 | ug/l | 100.5 | 3000 | |
| Sr | 88 | 115 | He | 276.101 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 0.540 | ug/l | 3.6 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 392.7 | 1000 | |
| Cd | 111 | 115 | He | 0.001 | ug/l | 3115.5 | 5000 | |
| Sn | 118 | 115 | He | 0.111 | ug/l | 69.4 | 2000 | |
| Sb | 121 | 115 | He | 0.070 | ug/l | 80.8 | 1000 | |
| Ba | 137 | 159 | He | 40.111 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | -0.026 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.090 | ug/l | 19.1 | | |
| [Pb] | 207 | 209 | He | 0.081 | ug/l | 32.9 | | |
| Pb | 208 | 209 | He | 0.081 | ug/l | 22.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3432743.32 | 8.5 | 106.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6159841.72 | 4.5 | 98.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1963024.14 | 2.2 | 94.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50385.36 | 0.6 | 97.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 402214.50 | 1.1 | 100.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 34258.84 | 1.2 | 104.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 76569.50 | 1.2 | 96.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 456329.24 | 1.6 | 99.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 363453.15 | 0.6 | 97.7 | 70 | 140 | |

# Sample Report

**File Name** 209SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:44:01

**Sample Name** **460-319597-D-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4205

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.015 | ug/l | 27.6 | 2000 | |
| B | 11 | 6 | No Gas | 60.429 | ug/l | 7.7 | 2000 | |
| Na | 23 | 45 | He | 4174770.963 | ug/l | 0.9 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 33101.594 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 10.052 | ug/l | 65.5 | 500000 | |
| K | 39 | 45 | He | 9488.290 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 439686.038 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | -0.142 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.400 | ug/l | 19.4 | 5000 | |
| Cr | 52 | 45 | He | 0.082 | ug/l | 299.3 | 20000 | |
| Mn | 55 | 45 | He | 5413.965 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 5009.312 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 0.583 | ug/l | 9.3 | 2000 | |
| Ni | 60 | 45 | He | 3.723 | ug/l | 14.4 | 20000 | |
| Cu | 63 | 45 | He | 0.888 | ug/l | 7.6 | 20000 | |
| Zn | 66 | 45 | He | 35.913 | ug/l | 8.8 | 20000 | |
| As | 75 | 45 | He | 0.982 | ug/l | 24.4 | 5000 | |
| Se | 78 | 45 | H2 | 0.060 | ug/l | 62.7 | 3000 | |
| Sr | 88 | 115 | He | 2449.332 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 0.568 | ug/l | 12.4 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 180.4 | 1000 | |
| Cd | 111 | 115 | He | 0.555 | ug/l | 31.1 | 5000 | |
| Sn | 118 | 115 | He | 0.754 | ug/l | 27.2 | 2000 | |
| Sb | 121 | 115 | He | 0.130 | ug/l | 24.6 | 1000 | |
| Ba | 137 | 159 | He | 2106.682 | ug/l | 1.4 | 20000 | |
| Tl | 205 | 209 | He | -0.025 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | 0.199 | ug/l | 7.4 | | |
| [Pb] | 207 | 209 | He | 0.147 | ug/l | 9.9 | | |
| Pb | 208 | 209 | He | 0.171 | ug/l | 3.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2895018.46 | 5.9 | 90.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5678676.79 | 3.2 | 91.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1813789.64 | 1.0 | 87.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 48524.07 | 1.0 | 93.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 353757.98 | 0.8 | 88.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32144.82 | 0.9 | 97.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69885.82 | 1.2 | 87.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 413958.10 | 1.0 | 89.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 305147.97 | 1.6 | 82.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 210_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:46:34

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 96.314 | ug/l | 4.6 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 223.530 | ug/l | 3.2 | 250 | 225 | 275 | failed |
| Na | 23 | 45 | He | 26272.347 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 25511.378 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25416.700 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24850.116 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24822.057 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 101.389 | ug/l | 3.3 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 101.122 | ug/l | 1.5 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 99.873 | ug/l | 0.3 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.713 | ug/l | 2.0 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25014.865 | ug/l | 1.7 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 100.902 | ug/l | 0.3 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 100.157 | ug/l | 1.9 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 100.750 | ug/l | 1.8 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 244.947 | ug/l | 0.4 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 103.782 | ug/l | 3.8 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 101.505 | ug/l | 2.7 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 101.983 | ug/l | 2.3 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 98.379 | ug/l | 1.0 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 49.954 | ug/l | 0.2 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 99.193 | ug/l | 1.4 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 103.582 | ug/l | 0.7 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 102.742 | ug/l | 0.9 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.984 | ug/l | 2.1 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 100.490 | ug/l | 1.7 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 100.322 | ug/l | 0.8 | | | | |
| [Pb] | 207 | 209 | He | 99.959 | ug/l | 1.2 | | | | |
| Pb | 208 | 209 | He | 99.841 | ug/l | 1.0 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3654634.87 | 1.0 | 113.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6398806.57 | 0.5 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1939856.22 | 2.1 | 93.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50029.69 | 0.5 | 96.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 386220.87 | 0.3 | 96.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 33756.46 | 1.0 | 102.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 76599.94 | 0.4 | 96.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 458222.14 | 0.5 | 99.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 362446.06 | 0.9 | 97.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 211_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021025.b

**Acq Time** 2025-02-10 18:49:05

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiquant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 45 | No Gas | 0.009 | ug/l | 21.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.153 | ug/l | 5.5 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 102.671 | ug/l | 9.4 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 4.751 | ug/l | 24.7 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -0.894 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 18.934 | ug/l | 50.5 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 10.473 | ug/l | 8.9 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.567 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.024 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.331 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.144 | ug/l | 33.8 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 5.822 | ug/l | 5.1 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.278 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.073 | ug/l | 34.7 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -7.511 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | 0.033 | ug/l | 440.7 | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.208 | ug/l | 36.1 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.031 | ug/l | 365.0 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.125 | ug/l | 35.8 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 107.7 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | -0.018 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.003 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.005 | ug/l | 443.7 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.001 | ug/l | 7819.6 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | 1785.5 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.069 | ug/l | 37.6 | | | | |
| [Pb] | 207 | 209 | He | 0.035 | ug/l | 61.9 | | | | |
| Pb | 208 | 209 | He | 0.048 | ug/l | 20.1 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3418448.18 | 4.4 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6039404.84 | 3.6 | 97.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1953445.77 | 0.7 | 93.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49532.18 | 0.6 | 95.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377394.63 | 1.2 | 94.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32711.69 | 1.3 | 99.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 77203.47 | 1.1 | 97.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 459332.38 | 0.8 | 99.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 370494.48 | 0.9 | 99.6 | 70 | 140 | |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | ediicpms4 |
| **Acq/Data Batch** | C:\Agilent\ICPMH\1\DATA\NM021125.b |
| **Acq. Date-Time** | 2025-02-11 08:55:09 |
| **Report Comment** | EPA TUNE REPORT |
| **Instrument Name** | ICP-MS SG18143095 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | 10.00 | 3890 | 38903.23 | 0.00 | | 0.589 | 5.000 |
| 24 | 10.00 | 16052 | 160524.57 | 0.00 | | 0.239 | 5.000 |
| 25 | 10.00 | 2241 | 22409.64 | 0.00 | | 1.211 | 5.000 |
| 26 | 10.00 | 2748 | 27483.69 | 0.00 | | 0.346 | 5.000 |
| 59 | 10.00 | 29085 | 290853.51 | 0.00 | | 0.437 | 5.000 |
| 115 | 10.00 | 35524 | 355240.30 | 0.00 | | 0.385 | 5.000 |
| 206 | 10.00 | 8312 | 83124.13 | 0.00 | | 0.707 | 5.000 |
| 207 | 10.00 | 7287 | 72874.05 | 0.00 | | 0.385 | 5.000 |
| 208 | 10.00 | 17698 | 176982.14 | 0.00 | | 0.431 | 5.000 |

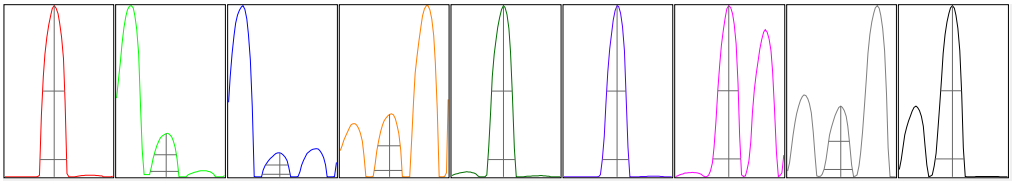
| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 3861 | 3894 | 3919 | 3874 | 3903 |
| 24 | 16073 | 16104 | 16055 | 16021 | 16010 |
| 25 | 2213 | 2235 | 2218 | 2268 | 2271 |
| 26 | 2744 | 2749 | 2751 | 2736 | 2762 |
| 59 | 29230 | 29088 | 29150 | 29072 | 28887 |
| 115 | 35459 | 35467 | 35678 | 35655 | 35362 |
| 206 | 8266 | 8310 | 8260 | 8320 | 8407 |
| 207 | 7239 | 7295 | 7290 | 7303 | 7310 |
| 208 | 17687 | 17671 | 17799 | 17595 | 17739 |

Integration Time [sec] 0.1

**Resolution/Axis**

# US EPA Tune Check Report



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 6874.80 | 8.90 | 8.90 - 9.10 | |
| 24 | 27962.64 | 23.90 | 23.90 - 24.10 | |
| 25 | 3919.22 | 24.95 | 24.90 - 25.10 | |
| 26 | 4590.01 | 25.90 | 25.90 - 26.10 | |
| 59 | 54541.70 | 58.95 | 58.90 - 59.10 | |
| 115 | 70221.27 | 115.00 | 114.90 - 115.10 | |
| 206 | 15413.59 | 206.00 | 205.90 - 206.10 | |
| 207 | 13256.20 | 207.00 | 206.90 - 207.10 | |
| 208 | 32177.08 | 208.00 | 207.90 - 208.10 | |

| Mass | W-50% | W-10% | W-10% (Required) | W-10% (Flag) |
|---|---|---|---|---|
| 9 | 0.61 | 0.727 | 0.900 | |
| 24 | 0.61 | 0.766 | 0.900 | |
| 25 | 0.62 | 0.770 | 0.900 | |
| 26 | 0.61 | 0.765 | 0.900 | |
| 59 | 0.57 | 0.743 | 0.900 | |
| 115 | 0.53 | 0.723 | 0.900 | |
| 206 | 0.56 | 0.767 | 0.900 | |
| 207 | 0.57 | 0.772 | 0.900 | |
| 208 | 0.57 | 0.791 | 0.900 | |

| | |
|---|---|
| Integration Time [sec] | 0.1 |
| Acquisition Time [sec] | 198.999999999998 |
| Y Axis | Linear |

## Tune Parameters

### Plasma Parameters

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | General Purpose | Nebulizer Gas | 1.09 L/min | Makeup Gas | 0.00 L/min |
| RF Power | 1550 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

### Lens Parameters

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.0 V | Deflect | 12.4 V |
| Extract 2 | -195.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -70 V | Cell Exit | -50 V | | |

### Cell Parameters

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | 0.0 mL/min | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 125 | Axis Gain | 1.0006 | QP Bias | -3.0 V |
| Mass Offset | 124 | Axis Offset | -0.07 | | |

**Hardware Settings**

**Torch**

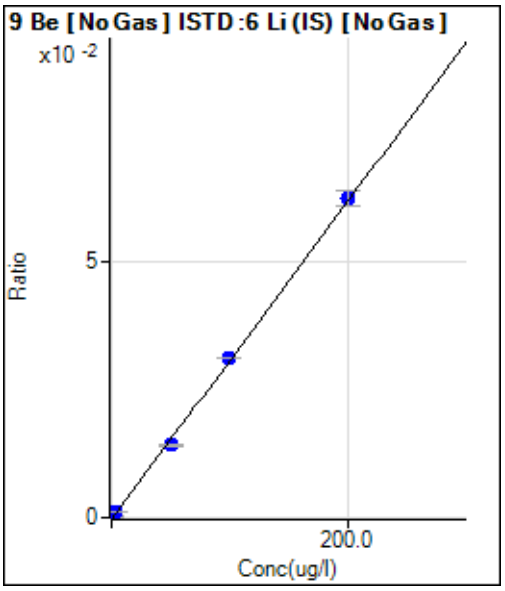
| | | | | | |
|---|---|---|---|---|---|
| Torch H | 1.4 mm | Torch V | -0.8 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.3 mV | Analog HV | 2263 V | Pulse HV | 1322 V |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021125.b\
Analysis File: NM021125.batch.bin
DA Date-Time: 2025-02-11 10:07:15
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

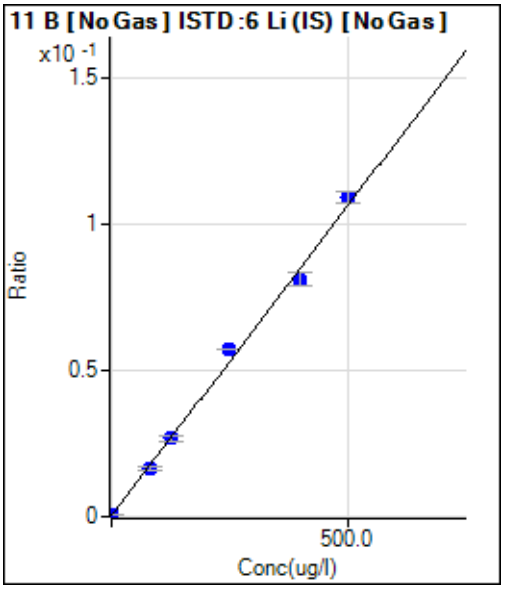
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-11 09:15:41 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-11 09:18:41 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-11 09:21:27 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-11 09:24:12 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-11 09:26:57 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-11 09:29:41 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 7.0 | |
| 2 | ☐ | 0.800 | 0.772 | 880.03 | 0.0002 | P | 7.6 | -3.5 |
| 3 | ☐ | 4.000 | 3.953 | 4455.18 | 0.0012 | P | 3.6 | -1.2 |
| 4 | ☐ | 50.000 | 45.456 | 54165.61 | 0.0141 | P | 2.1 | -9.1 |
| 5 | ☐ | 100.000 | 100.363 | 108323.95 | 0.0312 | P | 0.1 | 0.4 |
| 6 | ☐ | 200.000 | 200.956 | 219496.13 | 0.0625 | P | 4.6 | 0.5 |

y = 3.1076E-004 * x + 9.1435E-007
R = 0.9997
DL = 0.0006139 ug/l
BEC = 0.002942 ug/l

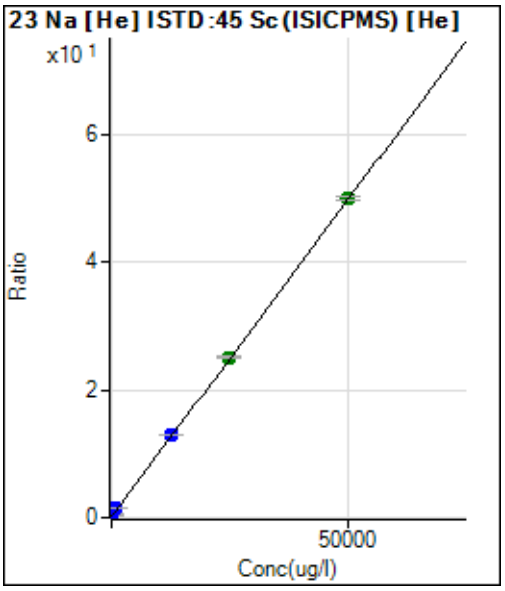
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3091.47 | 0.0008 | P | 6.9 | |
| 2 | ☐ | 80.000 | 72.954 | 59549.98 | 0.0163 | P | 7.4 | -8.8 |
| 3 | ☐ | 400.000 | 379.156 | 294103.54 | 0.0812 | P | 6.0 | -5.2 |
| 4 | ☐ | 125.000 | 121.676 | 102091.75 | 0.0266 | P | 5.6 | -2.7 |
| 5 | ☐ | 250.000 | 265.212 | 198218.24 | 0.0571 | P | 0.1 | 6.1 |
| 6 | ☐ | 500.000 | 511.027 | 384101.91 | 0.1092 | P | 3.9 | 2.2 |

y = 2.1200E-004 * x + 8.4862E-004
R = 0.9978
DL = 0.8275 ug/l
BEC = 4.003 ug/l

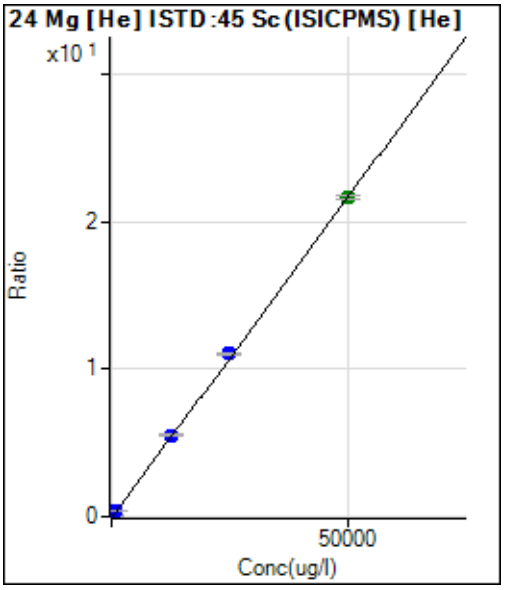
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20758.76 | 0.3896 | P | 1.2 | |
| 2 | ☐ | 200.000 | 213.932 | 31779.38 | 0.6018 | P | 3.1 | 7.0 |
| 3 | ☐ | 1000.000 | 1020.884 | 75761.83 | 1.4025 | P | 1.1 | 2.1 |
| 4 | ☐ | 12500.00 | 12610.43 | 689397.78 | 12.901 | P | 1.5 | 0.9 |
| 5 | ☐ | 25000.00 | 24931.76 | 1350955.75 | 25.127 | A | 0.6 | -0.3 |
| 6 | ☐ | 50000.00 | 50006.03 | 2744645.31 | 50.006 | A | 0.9 | 0.0 |

y = 9.9221E-004 * x + 0.3896
R = 1.0000
DL = 13.93 ug/l
BEC = 392.6 ug/l

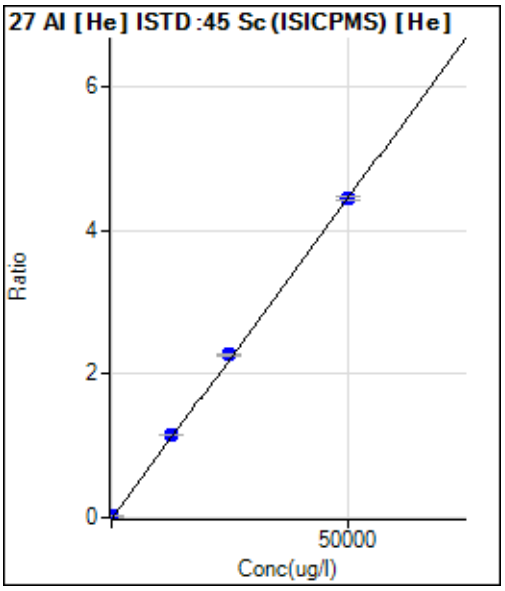
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 108.89 | 0.0020 | P | 22.3 | |
| 2 | ☐ | 200.000 | 203.955 | 4803.08 | 0.0909 | P | 1.4 | 2.0 |
| 3 | ☐ | 1000.000 | 987.244 | 23356.26 | 0.4324 | P | 0.9 | -1.3 |
| 4 | ☐ | 12500.00 | 12709.20 | 296138.63 | 5.5416 | P | 0.7 | 1.7 |
| 5 | ☐ | 25000.00 | 25365.37 | 594541.45 | 11.058 | P | 1.2 | 1.5 |
| 6 | ☐ | 50000.00 | 49765.25 | 1190661.61 | 21.693 | A | 1.1 | -0.5 |

y = 4.3587E-004 * x + 0.0020
R = 0.9999
DL = 3.131 ug/l
BEC = 4.684 ug/l

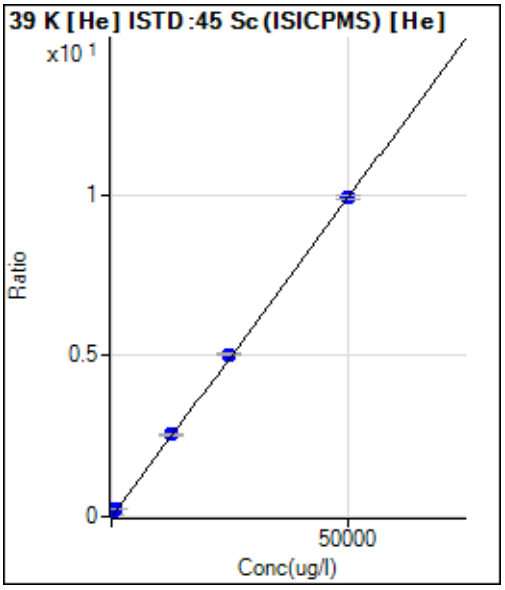
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 64.45 | 0.0012 | P | 10.5 | |
| 2 | ☐ | 40.000 | 35.941 | 233.33 | 0.0044 | P | 4.1 | -10.1 |
| 3 | ☐ | 200.000 | 204.743 | 1053.38 | 0.0195 | P | 5.7 | 2.4 |
| 4 | ☐ | 12500.00 | 12809.92 | 61203.00 | 1.1453 | P | 0.7 | 2.5 |
| 5 | ☐ | 25000.00 | 25334.54 | 121717.75 | 2.2639 | P | 2.2 | 1.3 |
| 6 | ☐ | 50000.00 | 49755.23 | 243972.21 | 4.4451 | P | 0.9 | -0.5 |

y = 8.9314E-005 * x + 0.0012
R = 0.9999
DL = 4.275 ug/l
BEC = 13.54 ug/l

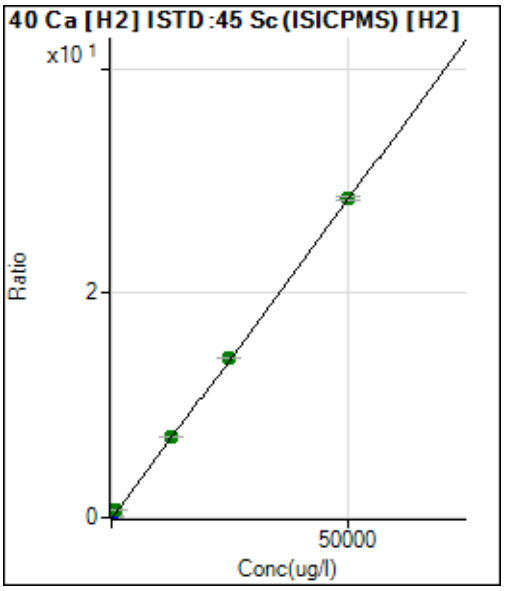
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1982.38 | 0.0372 | P | 4.9 | |
| 2 | ☐ | 200.000 | 208.176 | 4142.88 | 0.0785 | P | 5.5 | 4.1 |
| 3 | ☐ | 1000.000 | 1024.597 | 12983.93 | 0.2403 | P | 1.7 | 2.5 |
| 4 | ☐ | 12500.00 | 12672.10 | 136246.92 | 2.5495 | P | 0.8 | 1.4 |
| 5 | ☐ | 25000.00 | 25204.17 | 270661.05 | 5.0341 | P | 1.4 | 0.8 |
| 6 | ☐ | 50000.00 | 49854.36 | 544514.91 | 9.9212 | P | 1.0 | -0.3 |

y = 1.9826E-004 * x + 0.0372
R = 1.0000
DL = 27.66 ug/l
BEC = 187.7 ug/l

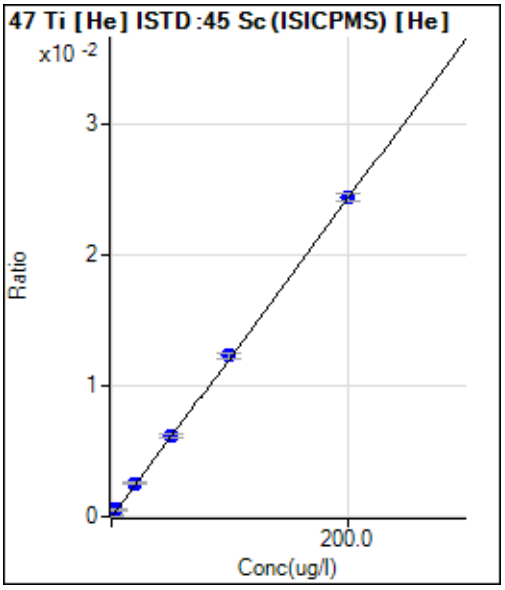
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 55011.43 | 0.0256 | P | 1.4 | |
| 2 | ☐ | 200.000 | 207.136 | 308377.81 | 0.1435 | P | 1.2 | 3.6 |
| 3 | ☐ | 1000.000 | 1027.302 | 1310073.12 | 0.6102 | A | 1.5 | 2.7 |
| 4 | ☐ | 12500.00 | 12630.65 | 15632962.41 | 7.2128 | A | 1.0 | 1.0 |
| 5 | ☐ | 25000.00 | 24947.52 | 31504958.98 | 14.221 | A | 0.3 | -0.2 |
| 6 | ☐ | 50000.00 | 49992.99 | 63830083.50 | 28.473 | A | 1.0 | 0.0 |

y = 5.6903E-004 * x + 0.0256
R = 1.0000
DL = 1.86 ug/l
BEC = 44.98 ug/l

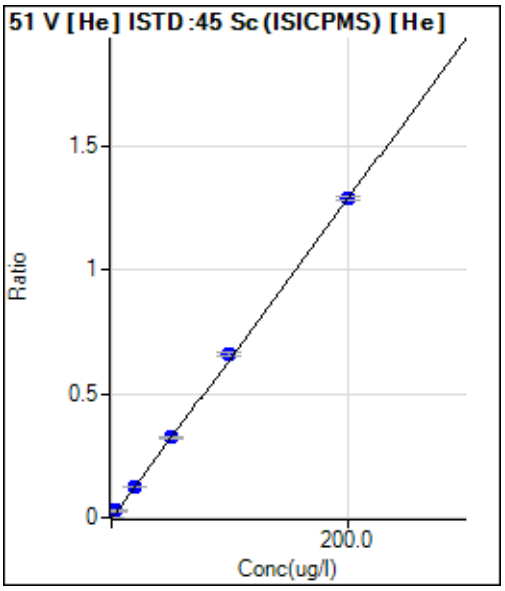
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.00 | 0.0001 | P | 24.5 | |
| 2 | ☐ | 4.000 | 4.049 | 30.00 | 0.0006 | P | 19.0 | 1.2 |
| 3 | ☐ | 20.000 | 20.332 | 138.01 | 0.0026 | P | 2.6 | 1.7 |
| 4 | ☐ | 50.000 | 50.369 | 332.37 | 0.0062 | P | 5.7 | 0.7 |
| 5 | ☐ | 100.000 | 100.196 | 661.08 | 0.0123 | P | 3.1 | 0.2 |
| 6 | ☐ | 200.000 | 199.775 | 1341.54 | 0.0244 | P | 2.5 | -0.1 |

y = 1.2197E-004 * x + 7.5020E-005
R = 1.0000
DL = 0.4523 ug/l
BEC = 0.6151 ug/l

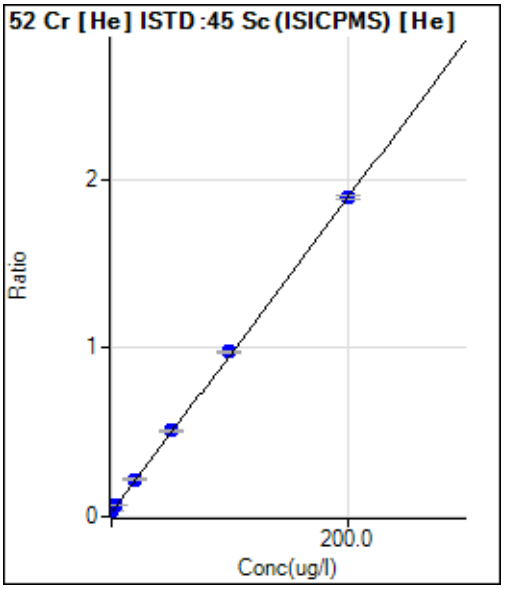
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 76.67 | 0.0014 | P | 36.6 | |
| 2 | ☐ | 4.000 | 3.989 | 1434.53 | 0.0272 | P | 6.2 | -0.3 |
| 3 | ☐ | 20.000 | 19.143 | 6749.48 | 0.1249 | P | 3.1 | -4.3 |
| 4 | ☐ | 50.000 | 49.982 | 17307.64 | 0.3239 | P | 1.7 | 0.0 |
| 5 | ☐ | 100.000 | 101.486 | 35277.54 | 0.6562 | P | 2.6 | 1.5 |
| 6 | ☐ | 200.000 | 199.348 | 70665.57 | 1.2875 | P | 0.6 | -0.3 |

y = 0.0065 * x + 0.0014
R = 0.9999
DL = 0.2444 ug/l
BEC = 0.2228 ug/l

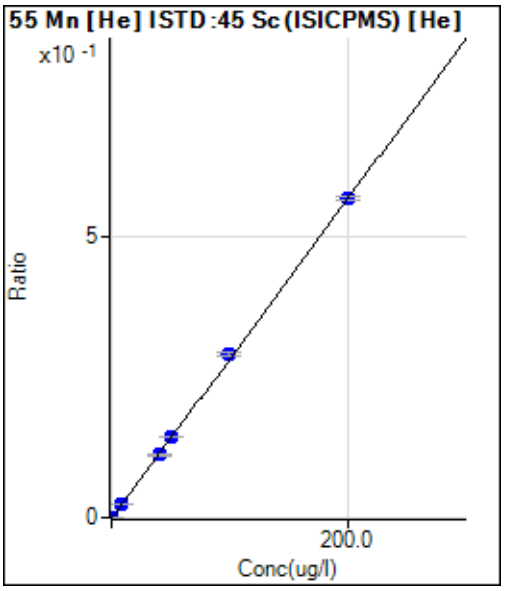
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1913.48 | 0.0359 | P | 2.9 | |
| 2 | ☐ | 4.000 | 3.819 | 3780.54 | 0.0716 | P | 3.3 | -4.5 |
| 3 | ☐ | 20.000 | 19.799 | 11930.80 | 0.2209 | P | 3.0 | -1.0 |
| 4 | ☐ | 50.000 | 50.824 | 27288.34 | 0.5107 | P | 1.3 | 1.6 |
| 5 | ☐ | 100.000 | 101.202 | 52759.00 | 0.9813 | P | 1.2 | 1.2 |
| 6 | ☐ | 200.000 | 199.217 | 104109.22 | 1.8969 | P | 1.0 | -0.4 |

y = 0.0093 * x + 0.0359
R = 1.0000
DL = 0.3335 ug/l
BEC = 3.845 ug/l

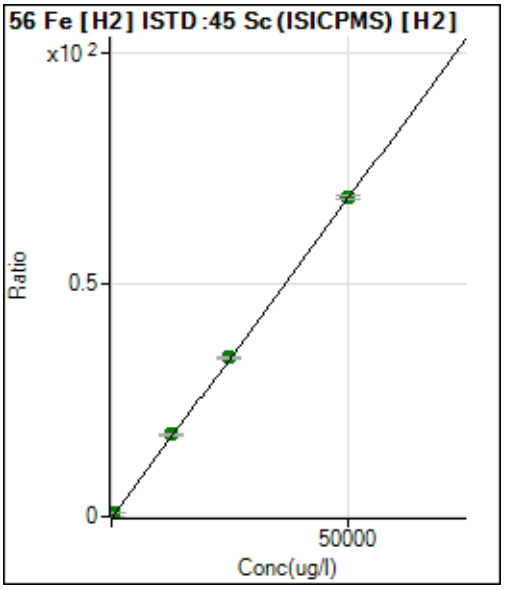
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 67.78 | 0.0013 | P | 38.1 | |
| 2 | ☐ | 8.000 | 8.363 | 1323.41 | 0.0251 | P | 4.0 | 4.5 |
| 3 | ☐ | 40.000 | 38.716 | 6019.14 | 0.1114 | P | 3.3 | -3.2 |
| 4 | ☐ | 50.000 | 50.071 | 7679.98 | 0.1437 | P | 0.9 | 0.1 |
| 5 | ☐ | 100.000 | 101.901 | 15654.59 | 0.2912 | P | 1.7 | 1.9 |
| 6 | ☐ | 200.000 | 199.274 | 31183.28 | 0.5682 | P | 1.3 | -0.4 |

y = 0.0028 * x + 0.0013
R = 0.9999
DL = 0.5127 ug/l
BEC = 0.448 ug/l

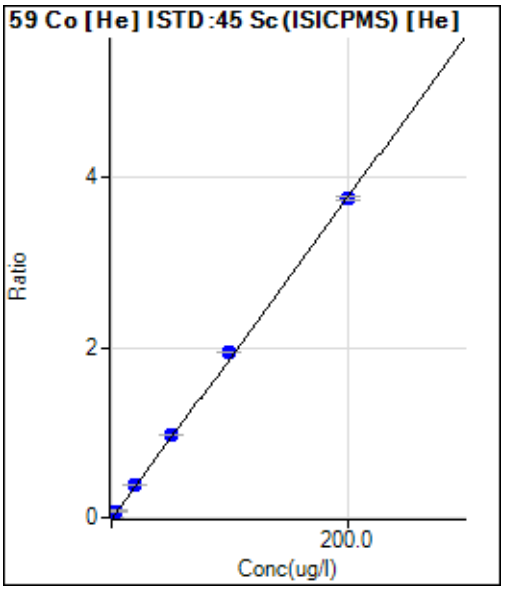
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 48031.93 | 0.0224 | P | 2.0 | |
| 2 | ☐ | 120.000 | 125.339 | 418541.96 | 0.1947 | P | 1.9 | 4.4 |
| 3 | ☐ | 600.000 | 619.132 | 1876355.37 | 0.8739 | A | 1.0 | 3.2 |
| 4 | ☐ | 12500.00 | 12838.79 | 38317962.76 | 17.680 | A | 2.4 | 2.7 |
| 5 | ☐ | 25000.00 | 24892.41 | 75888139.43 | 34.258 | A | 0.6 | -0.4 |
| 6 | ☐ | 50000.00 | 49968.85 | 154114874.3 | 68.747 | A | 1.0 | -0.1 |

y = 0.0014 * x + 0.0224
R = 1.0000
DL = 0.965 ug/l
BEC = 16.25 ug/l

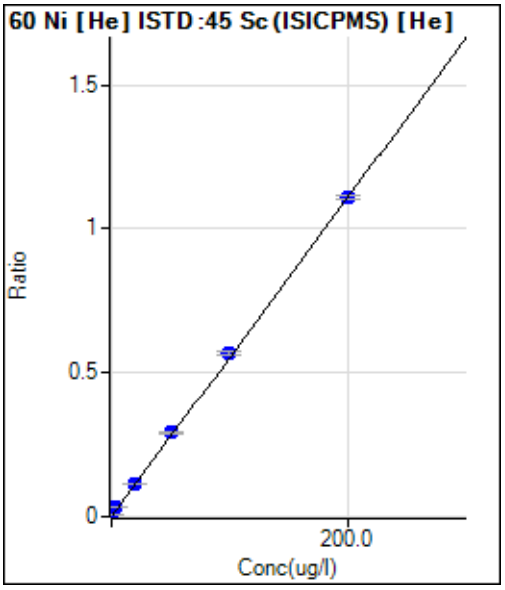
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 33.33 | 0.0006 | P | 35.4 | |
| 2 | ☐ | 4.000 | 4.134 | 4161.77 | 0.0788 | P | 3.1 | 3.4 |
| 3 | ☐ | 20.000 | 20.209 | 20677.96 | 0.3828 | P | 1.6 | 1.0 |
| 4 | ☐ | 50.000 | 51.372 | 51944.05 | 0.9721 | P | 1.3 | 2.7 |
| 5 | ☐ | 100.000 | 102.508 | 104259.95 | 1.9392 | P | 0.1 | 2.5 |
| 6 | ☐ | 200.000 | 198.379 | 205938.13 | 3.7522 | P | 1.4 | -0.8 |

y = 0.0189 * x + 6.2477E-004
R = 0.9998
DL = 0.03509 ug/l
BEC = 0.03304 ug/l

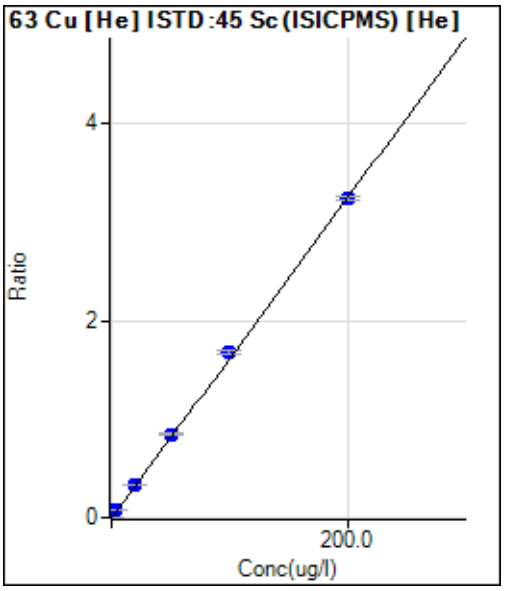
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 358.89 | 0.0067 | P | 4.4 | |
| 2 | ☐ | 4.000 | 4.334 | 1624.55 | 0.0308 | P | 0.5 | 8.3 |
| 3 | ☐ | 20.000 | 19.367 | 6162.54 | 0.1141 | P | 2.3 | -3.2 |
| 4 | ☐ | 50.000 | 51.374 | 15573.43 | 0.2915 | P | 1.5 | 2.7 |
| 5 | ☐ | 100.000 | 101.239 | 30529.82 | 0.5678 | P | 2.0 | 1.2 |
| 6 | ☐ | 200.000 | 199.094 | 60929.01 | 1.1101 | P | 1.2 | -0.5 |

y = 0.0055 * x + 0.0067
R = 0.9999
DL = 0.1597 ug/l
BEC = 1.215 ug/l

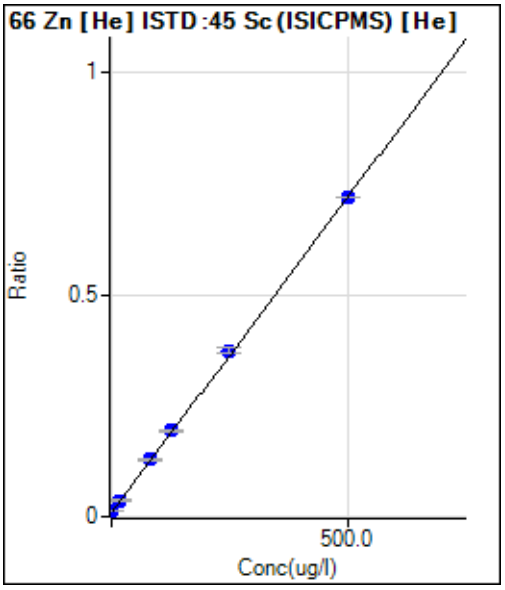
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 442.23 | 0.0083 | P | 4.8 | |
| 2 | ☐ | 4.000 | 4.239 | 4088.42 | 0.0774 | P | 5.1 | 6.0 |
| 3 | ☐ | 20.000 | 20.024 | 18084.29 | 0.3348 | P | 2.3 | 0.1 |
| 4 | ☐ | 50.000 | 51.434 | 45256.13 | 0.8469 | P | 1.3 | 2.9 |
| 5 | ☐ | 100.000 | 102.216 | 90049.58 | 1.6749 | P | 1.9 | 2.2 |
| 6 | ☐ | 200.000 | 198.527 | 178123.62 | 3.2453 | P | 0.8 | -0.7 |

y = 0.0163 * x + 0.0083
R = 0.9999
DL = 0.07326 ug/l
BEC = 0.5089 ug/l

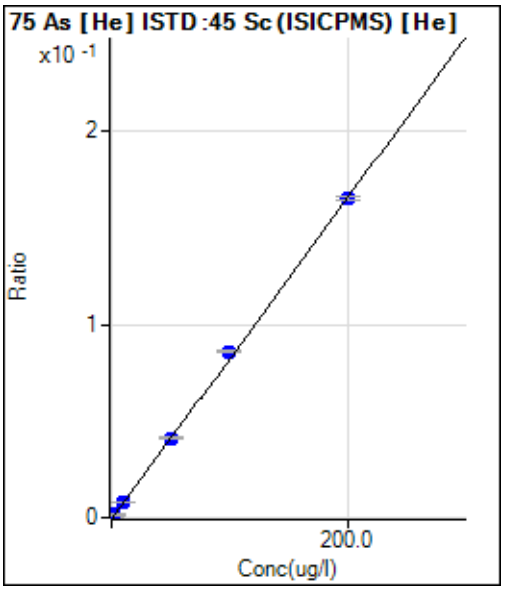
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 675.58 | 0.0127 | P | 4.0 | |
| 2 | ☐ | 16.000 | 16.502 | 1906.81 | 0.0361 | P | 4.0 | 3.1 |
| 3 | ☐ | 80.000 | 81.099 | 6907.35 | 0.1279 | P | 1.3 | 1.4 |
| 4 | ☐ | 125.000 | 126.787 | 10300.61 | 0.1928 | P | 1.1 | 1.4 |
| 5 | ☐ | 250.000 | 254.491 | 20117.15 | 0.3742 | P | 2.5 | 1.8 |
| 6 | ☐ | 500.000 | 497.116 | 39450.50 | 0.7188 | P | 0.6 | -0.6 |

y = 0.0014 * x + 0.0127
R = 0.9999
DL = 1.076 ug/l
BEC = 8.925 ug/l

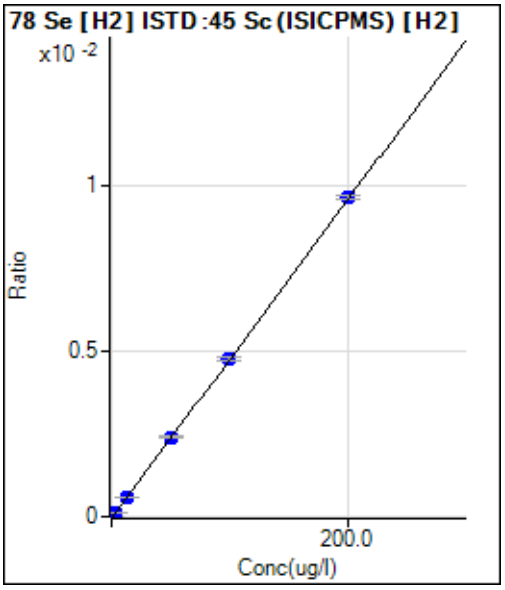
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1.11 | 0.0000 | P | 173. | |
| 2 | ☐ | 2.000 | 2.121 | 94.45 | 0.0018 | P | 34.4 | 6.1 |
| 3 | ☐ | 10.000 | 9.464 | 426.68 | 0.0079 | P | 3.7 | -5.4 |
| 4 | ☐ | 50.000 | 49.394 | 2197.97 | 0.0411 | P | 3.0 | -1.2 |
| 5 | ☐ | 100.000 | 103.238 | 4620.82 | 0.0859 | P | 1.5 | 3.2 |
| 6 | ☐ | 200.000 | 198.558 | 9070.86 | 0.1653 | P | 1.7 | -0.7 |

y = 8.3227E-004 * x + 2.0852E-005
R = 0.9998
DL = 0.1302 ug/l
BEC = 0.02505 ug/l

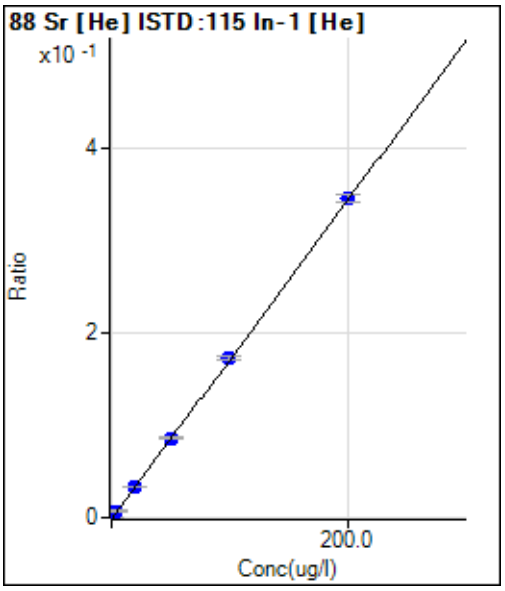
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0000 | P | 100. | |
| 2 | ☐ | 2.500 | 2.200 | 231.11 | 0.0001 | P | 21.6 | -12.0 |
| 3 | ☐ | 12.500 | 12.063 | 1247.85 | 0.0006 | P | 2.9 | -3.5 |
| 4 | ☐ | 50.000 | 49.636 | 5172.14 | 0.0024 | P | 2.6 | -0.7 |
| 5 | ☐ | 100.000 | 99.186 | 10561.97 | 0.0048 | P | 2.1 | -0.8 |
| 6 | ☐ | 200.000 | 200.529 | 21605.13 | 0.0096 | P | 0.7 | 0.3 |

y = 4.8049E-005 * x + 1.5679E-006
R = 1.0000
DL = 0.09824 ug/l
BEC = 0.03263 ug/l

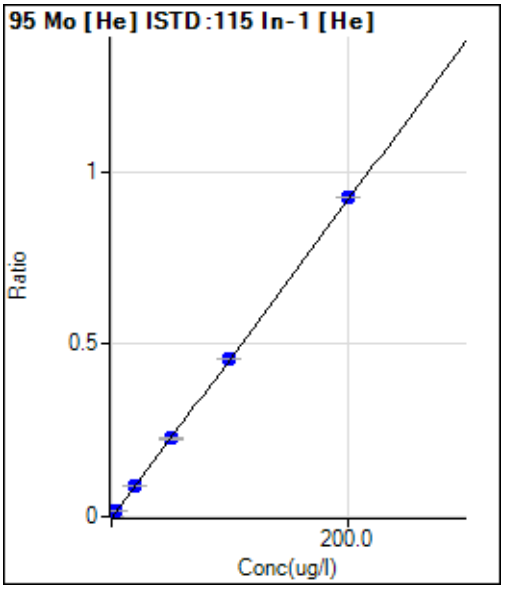
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0002 | P | 43.1 | |
| 2 | ☐ | 4.000 | 4.008 | 550.02 | 0.0071 | P | 9.9 | 0.2 |
| 3 | ☐ | 20.000 | 19.232 | 2581.38 | 0.0334 | P | 1.6 | -3.8 |
| 4 | ☐ | 50.000 | 49.523 | 6584.99 | 0.0858 | P | 1.9 | -1.0 |
| 5 | ☐ | 100.000 | 100.100 | 13381.18 | 0.1733 | P | 1.7 | 0.1 |
| 6 | ☐ | 200.000 | 200.146 | 26458.34 | 0.3463 | P | 1.8 | 0.1 |

y = 0.0017 * x + 1.5820E-004
R = 1.0000
DL = 0.1183 ug/l
BEC = 0.09148 ug/l

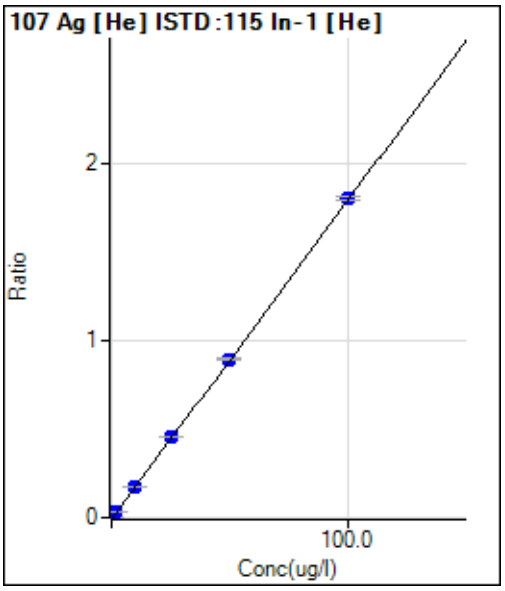
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.55 | 0.0003 | P | 52.7 | |
| 2 | ☐ | 4.000 | 3.802 | 1386.75 | 0.0179 | P | 5.9 | -5.0 |
| 3 | ☐ | 20.000 | 19.588 | 7008.57 | 0.0907 | P | 1.1 | -2.1 |
| 4 | ☐ | 50.000 | 49.174 | 17440.37 | 0.2272 | P | 2.2 | -1.7 |
| 5 | ☐ | 100.000 | 98.832 | 35250.96 | 0.4564 | P | 0.2 | -1.2 |
| 6 | ☐ | 200.000 | 200.836 | 70838.42 | 0.9271 | P | 0.5 | 0.4 |

y = 0.0046 * x + 3.2884E-004
R = 1.0000
DL = 0.1126 ug/l
BEC = 0.07126 ug/l

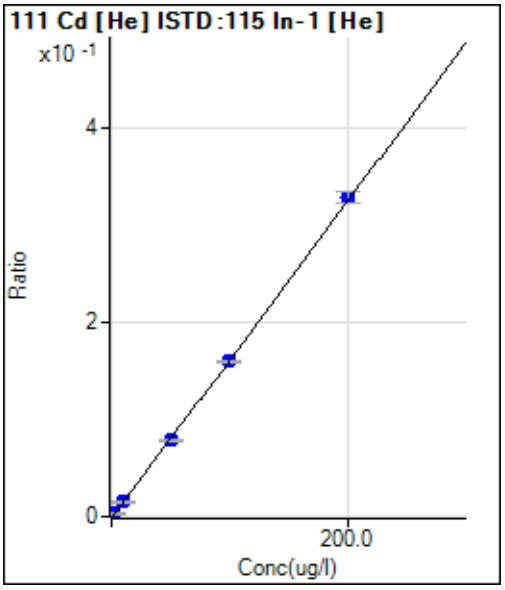
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 23.33 | 0.0003 | P | 35.9 | |
| 2 | ☐ | 2.000 | 1.907 | 2683.63 | 0.0346 | P | 3.0 | -4.7 |
| 3 | ☐ | 10.000 | 9.610 | 13374.58 | 0.1731 | P | 0.7 | -3.9 |
| 4 | ☐ | 25.000 | 25.177 | 34774.52 | 0.4531 | P | 0.4 | 0.7 |
| 5 | ☐ | 50.000 | 49.689 | 69036.06 | 0.8939 | P | 0.9 | -0.6 |
| 6 | ☐ | 100.000 | 100.152 | 137636.66 | 1.8014 | P | 0.8 | 0.2 |

y = 0.0180 * x + 2.9907E-004
R = 1.0000
DL = 0.01789 ug/l
BEC = 0.01663 ug/l

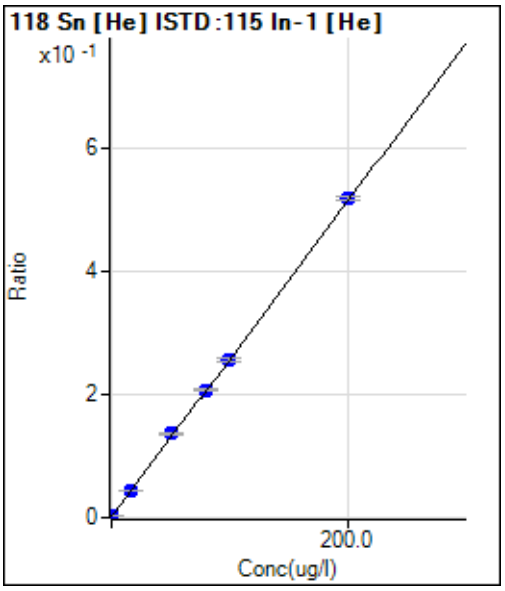
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | | |
| 2 | ☐ | 2.000 | 1.831 | 232.22 | 0.0030 | P | 12.6 | -8.5 |
| 3 | ☐ | 10.000 | 9.355 | 1181.17 | 0.0153 | P | 7.1 | -6.5 |
| 4 | ☐ | 50.000 | 48.178 | 6044.75 | 0.0788 | P | 1.6 | -3.6 |
| 5 | ☐ | 100.000 | 98.119 | 12388.12 | 0.1604 | P | 1.6 | -1.9 |
| 6 | ☐ | 200.000 | 201.430 | 25157.29 | 0.3293 | P | 3.1 | 0.7 |

y = 0.0016 * x + 0.0000E+000
R = 0.9999
DL = 0 ug/l
BEC = 0 ug/l

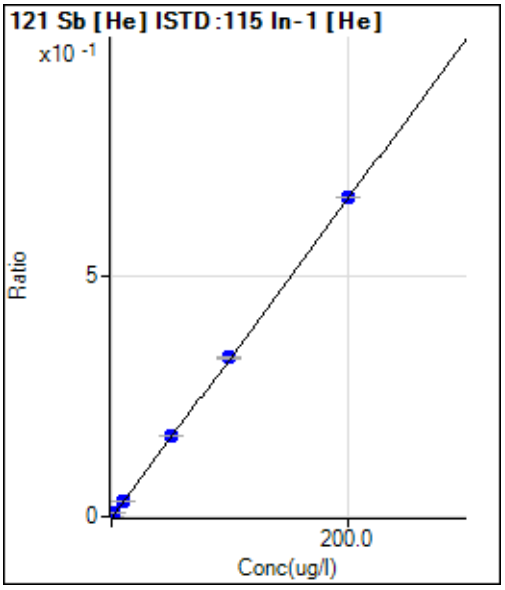
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 332.23 | 0.0043 | P | 1.9 | |
| 2 | ☐ | 16.000 | 15.510 | 3417.14 | 0.0440 | P | 0.9 | -3.1 |
| 3 | ☐ | 80.000 | 79.070 | 15990.90 | 0.2070 | P | 1.3 | -1.2 |
| 4 | ☐ | 50.000 | 51.593 | 10478.68 | 0.1365 | P | 1.9 | 3.2 |
| 5 | ☐ | 100.000 | 98.670 | 19867.31 | 0.2572 | P | 2.2 | -1.3 |
| 6 | ☐ | 200.000 | 200.678 | 39634.13 | 0.5187 | P | 0.6 | 0.3 |

y = 0.0026 * x + 0.0043
R = 0.9999
DL = 0.09591 ug/l
BEC = 1.669 ug/l

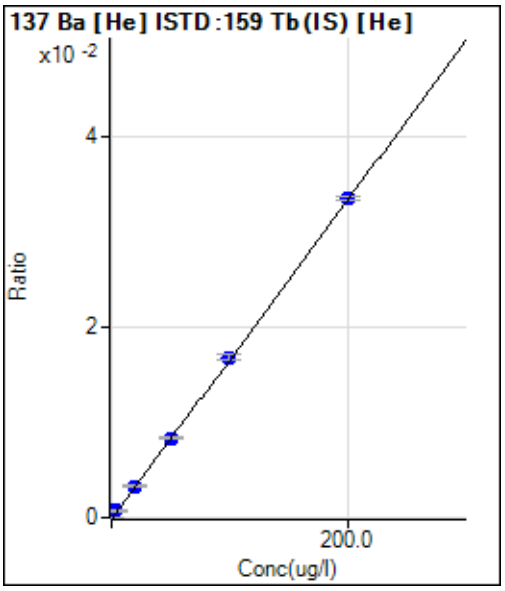
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 25.56 | 0.0003 | P | 29.0 | |
| 2 | ☐ | 2.000 | 1.906 | 516.68 | 0.0067 | P | 8.2 | -4.7 |
| 3 | ☐ | 10.000 | 9.306 | 2413.57 | 0.0312 | P | 2.6 | -6.9 |
| 4 | ☐ | 50.000 | 50.661 | 12938.66 | 0.1686 | P | 1.5 | 1.3 |
| 5 | ☐ | 100.000 | 99.560 | 25563.79 | 0.3310 | P | 0.7 | -0.4 |
| 6 | ☐ | 200.000 | 200.091 | 50803.44 | 0.6649 | P | 0.6 | 0.0 |

y = 0.0033 * x + 3.2805E-004
R = 1.0000
DL = 0.08581 ug/l
BEC = 0.09877 ug/l

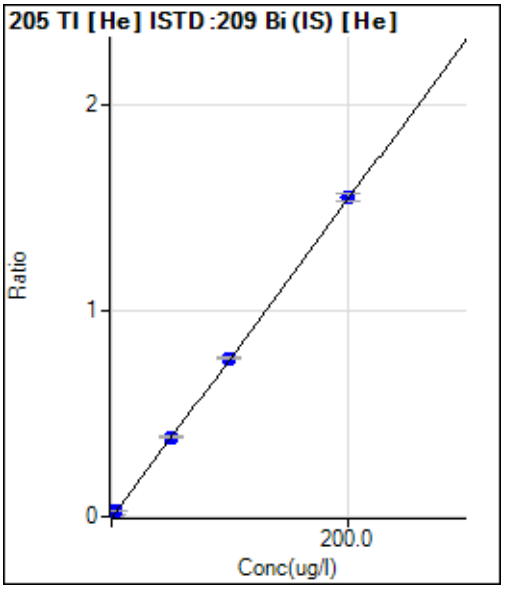
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 6.67 | 0.0000 | P | 50.0 | |
| 2 | ☐ | 4.000 | 4.212 | 323.34 | 0.0007 | P | 12.9 | 5.3 |
| 3 | ☐ | 20.000 | 19.249 | 1441.20 | 0.0032 | P | 6.2 | -3.8 |
| 4 | ☐ | 50.000 | 49.693 | 3711.67 | 0.0083 | P | 3.8 | -0.6 |
| 5 | ☐ | 100.000 | 100.176 | 7456.62 | 0.0168 | P | 3.6 | 0.2 |
| 6 | ☐ | 200.000 | 200.060 | 14982.03 | 0.0335 | P | 1.3 | 0.0 |

y = 1.6729E-004 * x + 1.4759E-005
R = 1.0000
DL = 0.1325 ug/l
BEC = 0.08822 ug/l

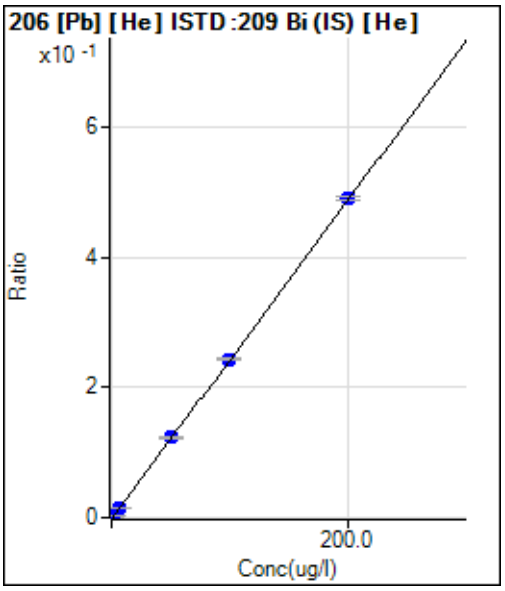
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 364.45 | 0.0010 | P | 3.7 | |
| 2 | ☐ | 0.800 | 0.765 | 2484.71 | 0.0069 | P | 2.2 | -4.3 |
| 3 | ☐ | 4.000 | 3.900 | 11135.05 | 0.0312 | P | 2.5 | -2.5 |
| 4 | ☐ | 50.000 | 49.841 | 136229.37 | 0.3865 | P | 1.5 | -0.3 |
| 5 | ☐ | 100.000 | 99.393 | 269695.03 | 0.7698 | P | 0.6 | -0.6 |
| 6 | ☐ | 200.000 | 200.345 | 528843.18 | 1.5507 | P | 2.0 | 0.2 |

y = 0.0077 * x + 0.0010
R = 1.0000
DL = 0.01432 ug/l
BEC = 0.1303 ug/l

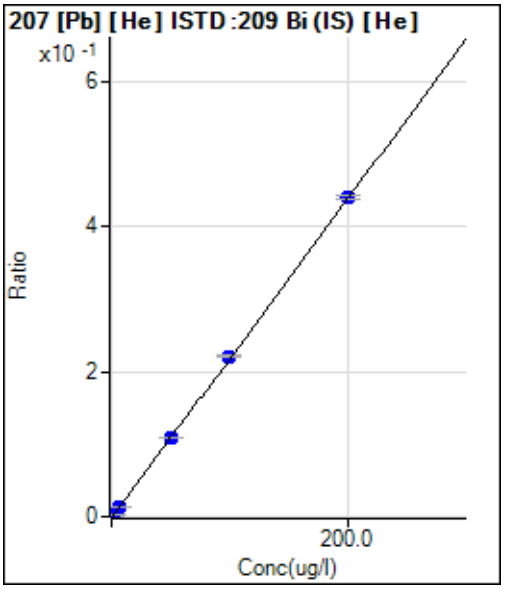
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 101.11 | 0.0003 | P | 23.0 | |
| 2 | ☐ | 1.200 | 1.205 | 1157.84 | 0.0032 | P | 4.4 | 0.4 |
| 3 | ☐ | 6.000 | 5.962 | 5310.05 | 0.0149 | P | 1.9 | -0.6 |
| 4 | ☐ | 50.000 | 50.211 | 43401.04 | 0.1231 | P | 1.4 | 0.4 |
| 5 | ☐ | 100.000 | 99.294 | 85219.61 | 0.2432 | P | 1.2 | -0.7 |
| 6 | ☐ | 200.000 | 200.301 | 167245.63 | 0.4904 | P | 1.5 | 0.2 |

y = 0.0024 * x + 2.7944E-004
R = 1.0000
DL = 0.07871 ug/l
BEC = 0.1142 ug/l

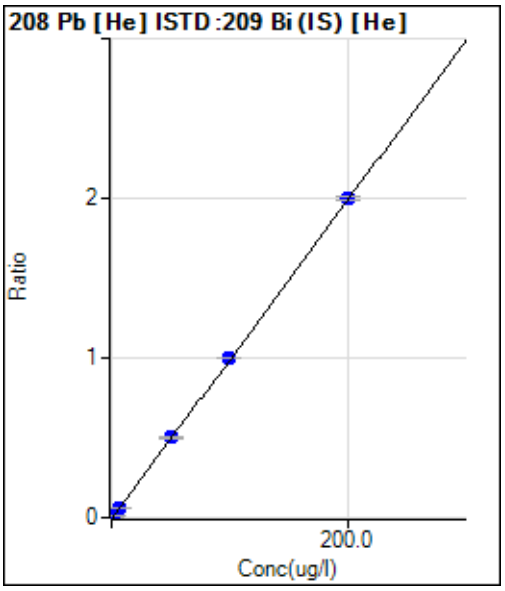
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 88.89 | 0.0002 | P | 25.8 | |
| 2 | ☐ | 1.200 | 1.120 | 972.27 | 0.0027 | P | 6.7 | -6.7 |
| 3 | ☐ | 6.000 | 5.865 | 4699.80 | 0.0132 | P | 3.2 | -2.3 |
| 4 | ☐ | 50.000 | 49.689 | 38648.86 | 0.1097 | P | 0.6 | -0.6 |
| 5 | ☐ | 100.000 | 100.347 | 77493.51 | 0.2212 | P | 1.3 | 0.3 |
| 6 | ☐ | 200.000 | 199.909 | 150211.38 | 0.4404 | P | 1.0 | 0.0 |

y = 0.0022 * x + 2.4527E-004
R = 1.0000
DL = 0.08617 ug/l
BEC = 0.1114 ug/l

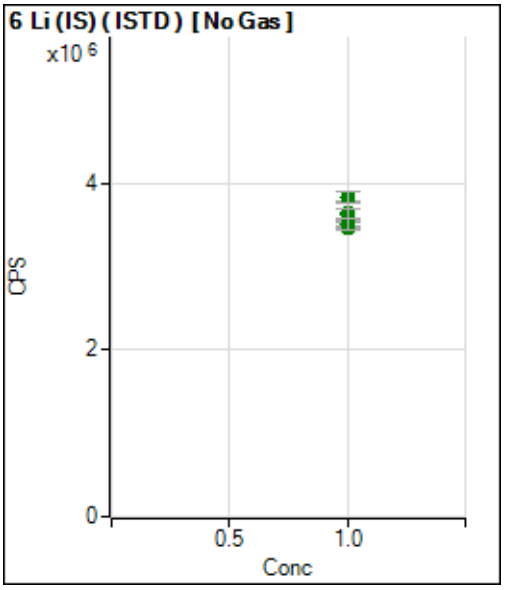
Weight: <None>
Min Conc: <None>



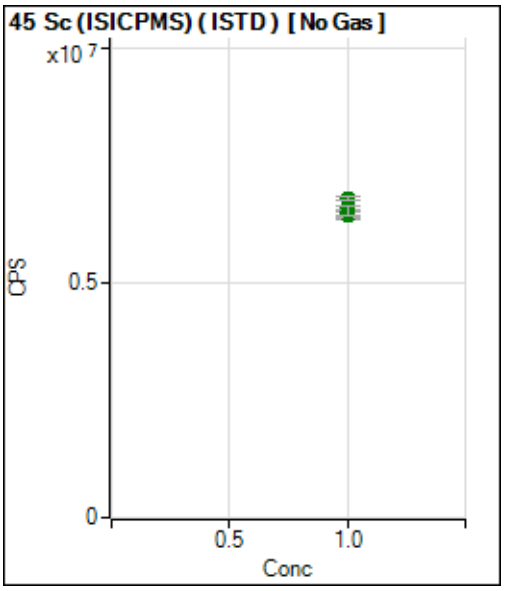

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 358.89 | 0.0010 | P | 10.7 | |
| 2 | ☐ | 1.200 | 1.165 | 4534.80 | 0.0126 | P | 2.8 | -2.9 |
| 3 | ☐ | 6.000 | 5.958 | 21638.67 | 0.0606 | P | 0.5 | -0.7 |
| 4 | ☐ | 50.000 | 50.065 | 176824.00 | 0.5017 | P | 1.1 | 0.1 |
| 5 | ☐ | 100.000 | 99.710 | 349706.80 | 0.9982 | P | 0.5 | -0.3 |
| 6 | ☐ | 200.000 | 200.130 | 682970.11 | 2.0025 | P | 0.8 | 0.1 |

y = 0.0100 * x + 9.9168E-004
R = 1.0000
DL = 0.03168 ug/l
BEC = 0.09916 ug/l

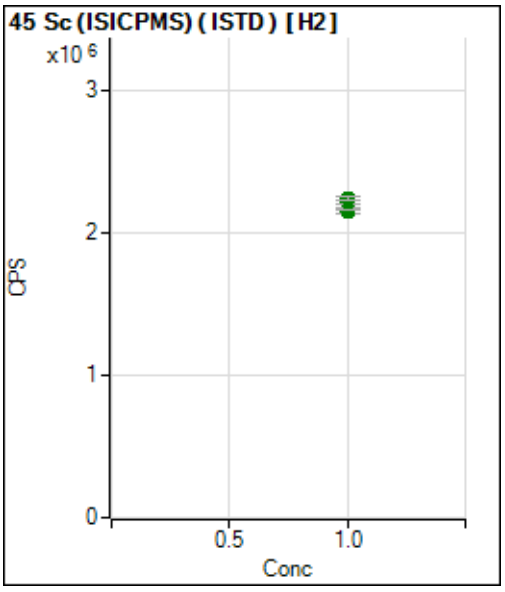
Weight: <None>
Min Conc: <None>



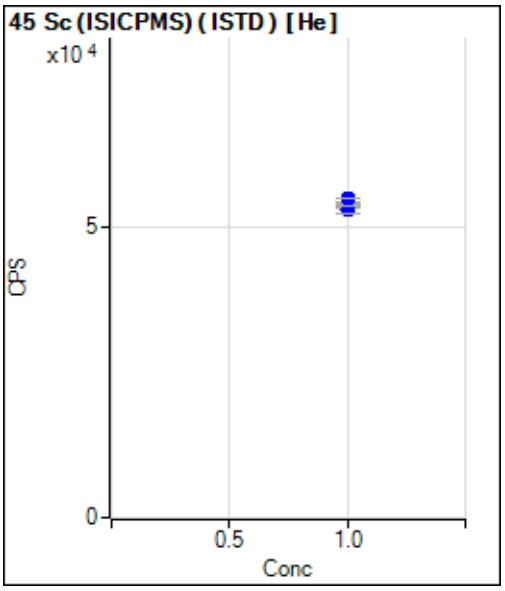

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3653854.81 | | A | 7.0 | |
| 2 | ☐ | 1.000 | | 3659452.65 | | A | 5.3 | |
| 3 | ☐ | 1.000 | | 3626475.26 | | A | 4.1 | |
| 4 | ☐ | 1.000 | | 3835031.40 | | A | 3.0 | |
| 5 | ☐ | 1.000 | | 3473012.28 | | A | 1.1 | |
| 6 | ☐ | 1.000 | | 3518773.94 | | A | 3.9 | |



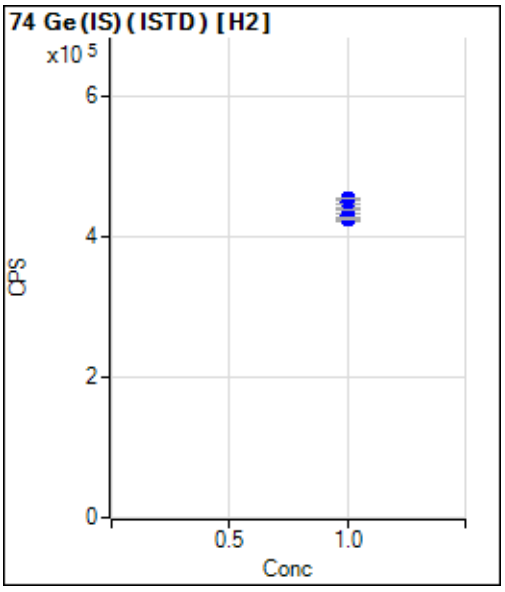

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 6601387.33 | | A | 5.1 | |
| 2 | ☐ | 1.000 | | 6477230.60 | | A | 1.8 | |
| 3 | ☐ | 1.000 | | 6452343.58 | | A | 3.1 | |
| 4 | ☐ | 1.000 | | 6806739.90 | | A | 1.3 | |
| 5 | ☐ | 1.000 | | 6420694.56 | | A | 0.8 | |
| 6 | ☐ | 1.000 | | 6536733.86 | | A | 2.7 | |



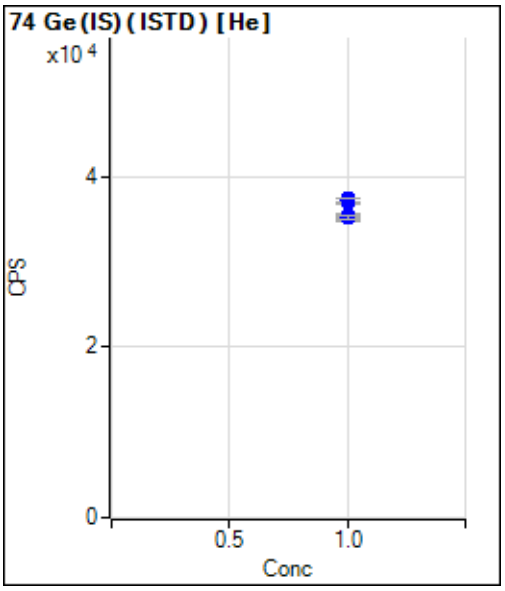

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 2149521.88 | | A | 1.7 | |
| 2 | ☐ | 1.000 | | 2149727.42 | | A | 1.6 | |
| 3 | ☐ | 1.000 | | 2147224.78 | | A | 0.7 | |
| 4 | ☐ | 1.000 | | 2167502.59 | | A | 0.8 | |
| 5 | ☐ | 1.000 | | 2215272.52 | | A | 1.3 | |
| 6 | ☐ | 1.000 | | 2241869.26 | | A | 0.8 | |



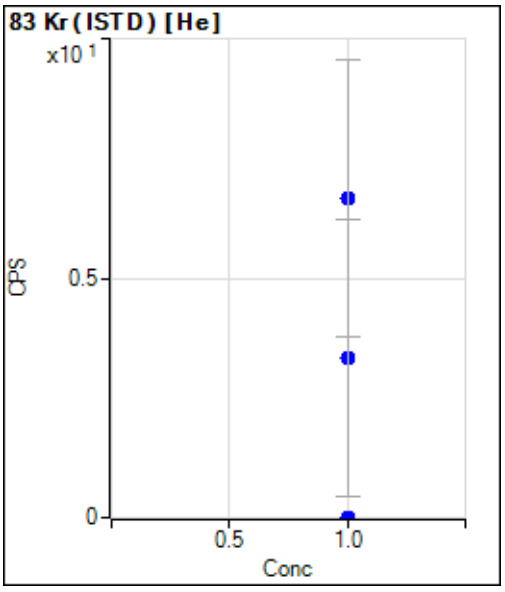

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 53282.74 | | P | 0.7 | |
| 2 | ☐ | 1.000 | | 52823.09 | | P | 1.9 | |
| 3 | ☐ | 1.000 | | 54021.06 | | P | 0.6 | |
| 4 | ☐ | 1.000 | | 53437.60 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 53765.79 | | P | 0.4 | |
| 6 | ☐ | 1.000 | | 54885.65 | | P | 0.5 | |



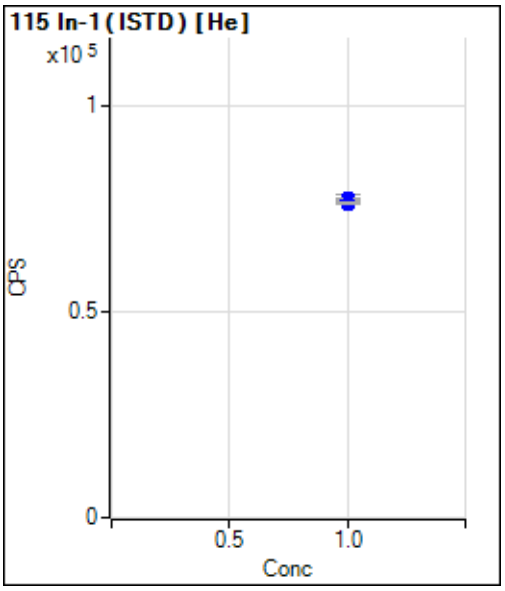

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 429983.75 | | P | 1.3 | |
| 2 | ☐ | 1.000 | | 425135.59 | | P | 0.8 | |
| 3 | ☐ | 1.000 | | 427370.75 | | P | 0.3 | |
| 4 | ☐ | 1.000 | | 439644.81 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 450550.16 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 455658.53 | | P | 0.3 | |



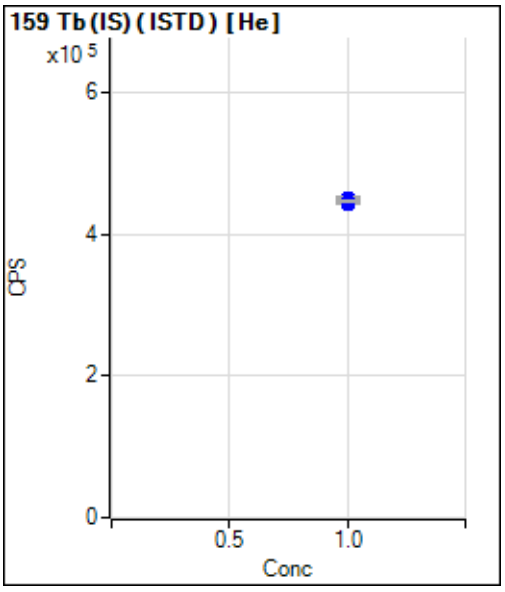

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 35168.98 | | P | 2.4 | |
| 2 | ☐ | 1.000 | | 35450.78 | | P | 1.3 | |
| 3 | ☐ | 1.000 | | 35078.76 | | P | 1.3 | |
| 4 | ☐ | 1.000 | | 36857.91 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 37211.18 | | P | 1.5 | |
| 6 | ☐ | 1.000 | | 37409.35 | | P | 0.3 | |



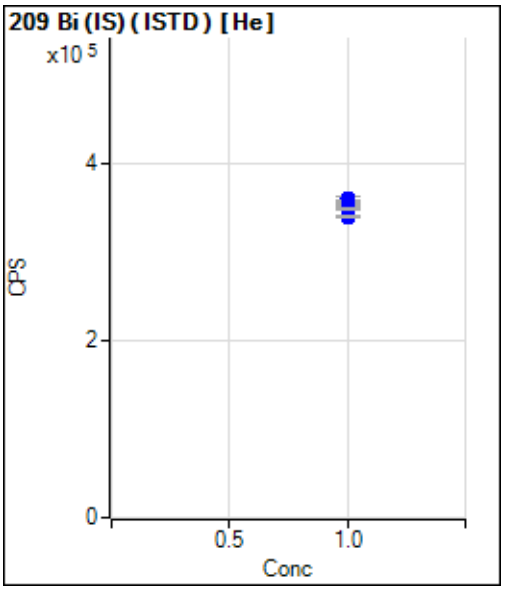

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 0.00 | | P | | |
| 3 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 4 | ☐ | 1.000 | | 6.67 | | P | 86.6 | |
| 5 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 6 | ☐ | 1.000 | | 6.67 | | P | 86.6 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 77683.70 | | P | 1.9 | |
| 2 | ☐ | 1.000 | | 77597.53 | | P | 0.4 | |
| 3 | ☐ | 1.000 | | 77257.63 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 76753.54 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 77236.07 | | P | 0.8 | |
| 6 | ☐ | 1.000 | | 76408.89 | | P | 0.8 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 451680.67 | | P | 0.1 | |
| 2 | ☐ | 1.000 | | 450010.91 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 445343.43 | | P | 1.0 | |
| 4 | ☐ | 1.000 | | 445725.64 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 444545.12 | | P | 0.6 | |
| 6 | ☐ | 1.000 | | 447422.31 | | P | 0.8 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 361812.59 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 358663.79 | | P | 0.4 | |
| 3 | ☐ | 1.000 | | 357189.30 | | P | 0.7 | |
| 4 | ☐ | 1.000 | | 352453.62 | | P | 0.8 | |
| 5 | ☐ | 1.000 | | 350343.30 | | P | 0.6 | |
| 6 | ☐ | 1.000 | | 341071.98 | | P | 0.9 | |

# Sample Report

**File Name** 063SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:49:08

**Sample Name** **460-320108-A-3-D MSD**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2303

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 23.023 | ug/l | 5.0 | 2000 | |
| B | 11 | 6 | No Gas | 482.439 | ug/l | 1.4 | 2000 | |
| Na | 23 | 45 | He | 52749.461 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 4498.355 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 2369.753 | ug/l | 2.1 | 500000 | |
| K | 39 | 45 | He | 3887.832 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 6812.931 | ug/l | 0.3 | 1000000 | |
| Ti | 47 | 45 | He | 49.541 | ug/l | 3.9 | 10000 | |
| V | 51 | 45 | He | 45.185 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 43.437 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 598.497 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 2693.248 | ug/l | 0.3 | 500000 | |
| Co | 59 | 45 | He | 36.413 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 51.275 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 47.292 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 240.298 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 47.677 | ug/l | 1.7 | 5000 | |
| Se | 78 | 45 | H2 | 40.863 | ug/l | 0.5 | 3000 | |
| Sr | 88 | 115 | He | 115.635 | ug/l | 2.0 | 5000 | |
| Mo | 95 | 115 | He | 36.456 | ug/l | 0.2 | 2000 | |
| Ag | 107 | 115 | He | 22.961 | ug/l | 3.0 | 1000 | |
| Cd | 111 | 115 | He | 20.794 | ug/l | 5.2 | 5000 | |
| Sn | 118 | 115 | He | 36.168 | ug/l | 1.5 | 2000 | |
| Sb | 121 | 115 | He | 13.729 | ug/l | 3.6 | 1000 | |
| Ba | 137 | 159 | He | 173.424 | ug/l | 2.0 | 20000 | |
| Tl | 205 | 209 | He | 17.808 | ug/l | 1.6 | 1000 | |
| [Pb] | 206 | 209 | He | 23.405 | ug/l | 1.1 | | |
| [Pb] | 207 | 209 | He | 22.449 | ug/l | 2.2 | | |
| Pb | 208 | 209 | He | 22.747 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3898022.10 | 0.2 | 104.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6119342.48 | 1.0 | 107.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1914657.99 | 1.5 | 111.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46802.52 | 0.7 | 110.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 404547.20 | 0.7 | 114.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 32318.64 | 0.9 | 113.3 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69680.46 | 1.4 | 111.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 426146.45 | 0.5 | 111.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 340658.67 | 0.7 | 107.1 | 70 | 140 | |

# Sample Report

**File Name** 064SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:51:51

**Sample Name** **460-320108-A-3-C MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2304

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 22.627 | ug/l | 4.3 | 2000 | |
| B | 11 | 6 | No Gas | 483.856 | ug/l | 4.3 | 2000 | |
| Na | 23 | 45 | He | 52745.080 | ug/l | 1.0 | 500000 | |
| Mg | 24 | 45 | He | 4549.862 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 2413.360 | ug/l | 1.9 | 500000 | |
| K | 39 | 45 | He | 3915.853 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 6892.259 | ug/l | 1.8 | 1000000 | |
| Ti | 47 | 45 | He | 47.931 | ug/l | 3.0 | 10000 | |
| V | 51 | 45 | He | 46.588 | ug/l | 1.1 | 5000 | |
| Cr | 52 | 45 | He | 46.409 | ug/l | 0.9 | 20000 | |
| Mn | 55 | 45 | He | 605.920 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 2779.379 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 37.677 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 53.296 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 49.349 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 248.358 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | 48.386 | ug/l | 5.5 | 5000 | |
| Se | 78 | 45 | H2 | 44.033 | ug/l | 2.2 | 3000 | |
| Sr | 88 | 115 | He | 118.937 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 39.336 | ug/l | 3.5 | 2000 | |
| Ag | 107 | 115 | He | 23.314 | ug/l | 2.4 | 1000 | |
| Cd | 111 | 115 | He | 21.821 | ug/l | 1.7 | 5000 | |
| Sn | 118 | 115 | He | 38.069 | ug/l | 3.6 | 2000 | |
| Sb | 121 | 115 | He | 14.722 | ug/l | 4.5 | 1000 | |
| Ba | 137 | 159 | He | 181.339 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 18.323 | ug/l | 0.2 | 1000 | |
| [Pb] | 206 | 209 | He | 24.145 | ug/l | 0.7 | | |
| [Pb] | 207 | 209 | He | 23.494 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 23.650 | ug/l | 0.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3960948.55 | 4.2 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6025930.40 | 3.9 | 105.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1898866.31 | 2.4 | 110.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45732.26 | 1.2 | 108.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 398751.21 | 0.9 | 112.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32189.45 | 2.2 | 112.9 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68102.47 | 1.2 | 109.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 416581.68 | 0.9 | 109.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 336434.75 | 0.2 | 105.8 | 70 | 140 | |

# Sample Report

**File Name** 065SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:54:23

**Sample Name** **460-320108-A-3-B DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2305

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.223 | ug/l | 15.5 | 2000 | |
| B | 11 | 6 | No Gas | 13.400 | ug/l | 8.3 | 2000 | |
| Na | 23 | 45 | He | 49578.447 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 2188.769 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 44.347 | ug/l | 17.1 | 500000 | |
| K | 39 | 45 | He | 1561.705 | ug/l | 3.2 | 500000 | |
| Ca | 40 | 45 | H2 | 4731.470 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.060 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.060 | ug/l | 68.9 | 5000 | |
| Cr | 52 | 45 | He | -0.975 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 370.644 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 493.004 | ug/l | 2.3 | 500000 | |
| Co | 59 | 45 | He | 14.249 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 5.945 | ug/l | 5.4 | 20000 | |
| Cu | 63 | 45 | He | 1.830 | ug/l | 3.3 | 20000 | |
| Zn | 66 | 45 | He | 65.698 | ug/l | 17.3 | 20000 | |
| As | 75 | 45 | He | -0.635 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.311 | ug/l | 1.3 | 3000 | |
| Sr | 88 | 115 | He | 73.962 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 0.306 | ug/l | 6.1 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 85.6 | 1000 | |
| Cd | 111 | 115 | He | 0.080 | ug/l | 20.9 | 5000 | |
| Sn | 118 | 115 | He | -0.153 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.104 | ug/l | 42.7 | 1000 | |
| Ba | 137 | 159 | He | 126.496 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.031 | ug/l | 25.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.176 | ug/l | 9.1 | | |
| [Pb] | 207 | 209 | He | 0.164 | ug/l | 9.0 | | |
| Pb | 208 | 209 | He | 0.180 | ug/l | 7.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3956290.56 | 4.6 | 106.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6022529.28 | 1.6 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1889217.47 | 1.1 | 110.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46325.45 | 1.0 | 109.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394873.83 | 1.8 | 111.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 32405.40 | 1.1 | 113.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68812.00 | 0.9 | 110.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 416763.80 | 0.7 | 109.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 335153.65 | 0.6 | 105.4 | 70 | 140 | |

# Sample Report

**File Name** 066SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:56:53

**Sample Name** **460-320108-A-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2306

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.201 | ug/l | 4.6 | 2000 | |
| B | 11 | 6 | No Gas | 8.503 | ug/l | 3.5 | 2000 | |
| Na | 23 | 45 | He | 49732.879 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 2205.424 | ug/l | 1.7 | 500000 | |
| Al | 27 | 45 | He | 45.439 | ug/l | 11.5 | 500000 | |
| K | 39 | 45 | He | 1547.196 | ug/l | 2.5 | 500000 | |
| Ca | 40 | 45 | H2 | 4758.387 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 0.241 | ug/l | 130.2 | 10000 | |
| V | 51 | 45 | He | 0.005 | ug/l | 721.0 | 5000 | |
| Cr | 52 | 45 | He | -0.890 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 365.380 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | 512.424 | ug/l | 2.1 | 500000 | |
| Co | 59 | 45 | He | 14.196 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 5.918 | ug/l | 4.7 | 20000 | |
| Cu | 63 | 45 | He | 1.755 | ug/l | 7.2 | 20000 | |
| Zn | 66 | 45 | He | 16.886 | ug/l | 6.3 | 20000 | |
| As | 75 | 45 | He | -0.607 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.093 | ug/l | 66.4 | 3000 | |
| Sr | 88 | 115 | He | 73.355 | ug/l | 2.0 | 5000 | |
| Mo | 95 | 115 | He | 0.079 | ug/l | 64.6 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 155.9 | 1000 | |
| Cd | 111 | 115 | He | 0.081 | ug/l | 94.0 | 5000 | |
| Sn | 118 | 115 | He | -0.320 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.046 | ug/l | 65.2 | 1000 | |
| Ba | 137 | 159 | He | 128.542 | ug/l | 2.4 | 20000 | |
| Tl | 205 | 209 | He | 0.028 | ug/l | 24.1 | 1000 | |
| [Pb] | 206 | 209 | He | 0.184 | ug/l | 15.9 | | |
| [Pb] | 207 | 209 | He | 0.162 | ug/l | 26.0 | | |
| Pb | 208 | 209 | He | 0.175 | ug/l | 6.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4112866.95 | 2.0 | 110.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6163053.59 | 1.9 | 108.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1868755.81 | 1.9 | 109.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46558.51 | 0.7 | 110.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 396265.32 | 0.7 | 112.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 32417.67 | 1.2 | 113.7 | 70 | 140 | |
| Kr | 83 | He | 10.01 | NaN | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68257.01 | 0.8 | 109.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 418590.50 | 0.5 | 109.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 338042.94 | 0.8 | 106.3 | 70 | 140 | |

# Sample Report

**File Name** 067SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:59:25

**Sample Name** **SD 460-320108-A-3-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2307

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.037 | ug/l | 10.7 | 2000 | |
| B | 11 | 6 | No Gas | 3.220 | ug/l | 12.0 | 2000 | |
| Na | 23 | 45 | He | 9678.304 | ug/l | 0.9 | 500000 | |
| Mg | 24 | 45 | He | 420.143 | ug/l | 2.7 | 500000 | |
| Al | 27 | 45 | He | 11.463 | ug/l | 15.2 | 500000 | |
| K | 39 | 45 | He | 319.542 | ug/l | 9.8 | 500000 | |
| Ca | 40 | 45 | H2 | 958.879 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | -0.059 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.001 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.475 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 72.538 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 103.110 | ug/l | 2.4 | 500000 | |
| Co | 59 | 45 | He | 2.687 | ug/l | 4.5 | 2000 | |
| Ni | 60 | 45 | He | 1.025 | ug/l | 12.4 | 20000 | |
| Cu | 63 | 45 | He | 0.374 | ug/l | 16.7 | 20000 | |
| Zn | 66 | 45 | He | 6.723 | ug/l | 26.2 | 20000 | |
| As | 75 | 45 | He | -0.758 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.185 | ug/l | 66.8 | 3000 | |
| Sr | 88 | 115 | He | 13.920 | ug/l | 8.1 | 5000 | |
| Mo | 95 | 115 | He | 0.418 | ug/l | 24.3 | 2000 | |
| Ag | 107 | 115 | He | 0.013 | ug/l | 43.7 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.247 | ug/l | 100.2 | 2000 | |
| Sb | 121 | 115 | He | 0.224 | ug/l | 44.1 | 1000 | |
| Ba | 137 | 159 | He | 24.364 | ug/l | 5.0 | 20000 | |
| Tl | 205 | 209 | He | 0.009 | ug/l | 53.0 | 1000 | |
| [Pb] | 206 | 209 | He | 0.029 | ug/l | 85.3 | | |
| [Pb] | 207 | 209 | He | 0.021 | ug/l | 112.5 | | |
| Pb | 208 | 209 | He | 0.035 | ug/l | 39.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4036213.90 | 5.5 | 108.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6048940.26 | 3.9 | 106.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1830806.92 | 1.0 | 106.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46293.24 | 0.7 | 109.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 392268.23 | 1.2 | 111.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 31861.90 | 2.8 | 111.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68355.08 | 0.1 | 109.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 414208.66 | 0.7 | 108.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 336920.69 | 0.4 | 105.9 | 70 | 140 | |

# Sample Report

**File Name** 068SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:01:57

**Sample Name** **460-320108-A-1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2308

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.000 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 27.553 | ug/l | 10.9 | 2000 | |
| Na | 23 | 45 | He | 5960.394 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 2846.456 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 27.230 | ug/l | 5.9 | 500000 | |
| K | 39 | 45 | He | 7398.794 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 16978.192 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 0.703 | ug/l | 37.5 | 10000 | |
| V | 51 | 45 | He | 1.615 | ug/l | 6.6 | 5000 | |
| Cr | 52 | 45 | He | -0.941 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 63.847 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 10.341 | ug/l | 6.5 | 500000 | |
| Co | 59 | 45 | He | 0.170 | ug/l | 14.4 | 2000 | |
| Ni | 60 | 45 | He | 0.602 | ug/l | 23.0 | 20000 | |
| Cu | 63 | 45 | He | 4.561 | ug/l | 2.3 | 20000 | |
| Zn | 66 | 45 | He | -0.573 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 2.495 | ug/l | 28.7 | 5000 | |
| Se | 78 | 45 | H2 | 0.409 | ug/l | 47.1 | 3000 | |
| Sr | 88 | 115 | He | 85.103 | ug/l | 3.3 | 5000 | |
| Mo | 95 | 115 | He | 0.431 | ug/l | 9.8 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 2.4 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.199 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.213 | ug/l | 3.0 | 1000 | |
| Ba | 137 | 159 | He | 45.482 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.013 | ug/l | 17.1 | 1000 | |
| [Pb] | 206 | 209 | He | 0.033 | ug/l | 171.6 | | |
| [Pb] | 207 | 209 | He | 0.008 | ug/l | 134.4 | | |
| Pb | 208 | 209 | He | 0.028 | ug/l | 79.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4139387.12 | 4.7 | 111.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6075616.93 | 2.2 | 106.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1938848.43 | 0.9 | 113.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47252.96 | 0.9 | 112.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 399938.05 | 0.8 | 113.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32287.37 | 1.1 | 113.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69654.16 | 1.0 | 111.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 415176.53 | 0.7 | 108.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 341128.29 | 0.6 | 107.3 | 70 | 140 | |

# Sample Report

**File Name** 069SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:04:31

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.003 | ug/l | 59.5 | 2000 | |
| B | 11 | 6 | No Gas | 1.895 | ug/l | 5.6 | 2000 | |
| Na | 23 | 45 | He | 42.943 | ug/l | 11.4 | 500000 | |
| Mg | 24 | 45 | He | 2.190 | ug/l | 4.9 | 500000 | |
| Al | 27 | 45 | He | 4.697 | ug/l | 65.1 | 500000 | |
| K | 39 | 45 | He | 15.078 | ug/l | 85.9 | 500000 | |
| Ca | 40 | 45 | H2 | 3.622 | ug/l | 47.1 | 1000000 | |
| Ti | 47 | 45 | He | -0.418 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.010 | ug/l | 495.3 | 5000 | |
| Cr | 52 | 45 | He | -0.269 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.000 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 3.108 | ug/l | 13.9 | 500000 | |
| Co | 59 | 45 | He | -0.007 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.141 | ug/l | 95.1 | 20000 | |
| Cu | 63 | 45 | He | 0.074 | ug/l | 109.6 | 20000 | |
| Zn | 66 | 45 | He | -0.596 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.723 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.177 | ug/l | 40.4 | 3000 | |
| Sr | 88 | 115 | He | 0.021 | ug/l | 162.8 | 5000 | |
| Mo | 95 | 115 | He | 0.309 | ug/l | 4.8 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 110.9 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | 0.380 | ug/l | 42.3 | 2000 | |
| Sb | 121 | 115 | He | 0.097 | ug/l | 39.5 | 1000 | |
| Ba | 137 | 159 | He | -0.045 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 30.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.002 | ug/l | 1077.5 | | |
| [Pb] | 207 | 209 | He | -0.019 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.000 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3825284.39 | 1.6 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5883256.23 | 1.3 | 103.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1880567.25 | 2.3 | 109.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45644.38 | 1.0 | 108.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374489.46 | 0.8 | 106.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30117.92 | 0.8 | 105.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67574.26 | 0.7 | 108.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 406831.30 | 1.0 | 106.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 332129.49 | 1.6 | 104.4 | 70 | 140 | |

# Sample Report

**File Name** 070SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:07:04

**Sample Name** **460-320108-A-2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2309

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.003 | ug/l | 238.6 | 2000 | |
| B | 11 | 6 | No Gas | 26.460 | ug/l | 5.6 | 2000 | |
| Na | 23 | 45 | He | 5968.699 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 2831.128 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 25.254 | ug/l | 14.2 | 500000 | |
| K | 39 | 45 | He | 7506.100 | ug/l | 2.2 | 500000 | |
| Ca | 40 | 45 | H2 | 16649.147 | ug/l | 0.2 | 1000000 | |
| Ti | 47 | 45 | He | -0.127 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 1.401 | ug/l | 9.0 | 5000 | |
| Cr | 52 | 45 | He | -0.919 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 67.951 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 5.159 | ug/l | 7.4 | 500000 | |
| Co | 59 | 45 | He | 0.185 | ug/l | 4.3 | 2000 | |
| Ni | 60 | 45 | He | 0.462 | ug/l | 31.7 | 20000 | |
| Cu | 63 | 45 | He | 2.949 | ug/l | 2.4 | 20000 | |
| Zn | 66 | 45 | He | -1.285 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 2.284 | ug/l | 33.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.301 | ug/l | 15.1 | 3000 | |
| Sr | 88 | 115 | He | 82.071 | ug/l | 1.7 | 5000 | |
| Mo | 95 | 115 | He | 0.435 | ug/l | 17.7 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 70.0 | 1000 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.432 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.205 | ug/l | 6.0 | 1000 | |
| Ba | 137 | 159 | He | 47.385 | ug/l | 3.4 | 20000 | |
| Tl | 205 | 209 | He | 0.017 | ug/l | 13.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.003 | ug/l | 785.7 | | |
| [Pb] | 207 | 209 | He | -0.007 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.005 | ug/l | 243.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4114398.45 | 5.0 | 110.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6139130.88 | 3.8 | 107.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1874690.25 | 1.3 | 109.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46792.54 | 1.4 | 110.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 397114.56 | 0.8 | 112.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32245.03 | 0.8 | 113.1 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69423.87 | 1.3 | 111.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 416613.55 | 1.0 | 109.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 340989.55 | 0.7 | 107.2 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 071_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:09:37

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 92.894 | ug/l | 4.7 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 246.738 | ug/l | 8.1 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24525.689 | ug/l | 3.1 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24667.330 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24611.667 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25198.887 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24678.903 | ug/l | 2.8 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 96.556 | ug/l | 2.8 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 98.214 | ug/l | 1.6 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 98.425 | ug/l | 0.9 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.060 | ug/l | 3.0 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24781.151 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 98.089 | ug/l | 1.6 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 99.368 | ug/l | 3.3 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 97.402 | ug/l | 1.2 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 249.923 | ug/l | 1.8 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 100.458 | ug/l | 4.0 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 98.263 | ug/l | 0.5 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.761 | ug/l | 2.6 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 97.284 | ug/l | 0.9 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.650 | ug/l | 1.8 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 98.413 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 97.794 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.425 | ug/l | 1.8 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 96.993 | ug/l | 1.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 96.442 | ug/l | 0.9 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.344 | ug/l | 0.2 | | | | |
| [Pb] | 207 | 209 | He | 97.727 | ug/l | 0.6 | | | | |
| Pb | 208 | 209 | He | 97.969 | ug/l | 0.5 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3887917.20 | 5.1 | 104.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5864949.08 | 3.0 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1802851.78 | 2.0 | 105.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43504.07 | 0.6 | 103.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373228.92 | 1.0 | 105.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29758.28 | 0.9 | 104.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 64443.21 | 1.2 | 103.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 401444.76 | 0.5 | 105.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 322289.93 | 0.4 | 101.3 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 072_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:12:08

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.009 | ug/l | 38.1 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.232 | ug/l | 7.9 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 26.175 | ug/l | 38.2 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.662 | ug/l | 16.1 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 3.621 | ug/l | 29.2 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 9.526 | ug/l | 45.5 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 3.542 | ug/l | 19.2 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.091 | ug/l | 208.9 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.000 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.073 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.148 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 3.551 | ug/l | 4.8 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.011 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.035 | ug/l | 497.0 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.065 | ug/l | 82.3 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.729 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.589 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.344 | ug/l | 12.8 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.013 | ug/l | 359.8 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.303 | ug/l | 11.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 115.5 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.074 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.070 | ug/l | 77.9 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.083 | ug/l | 163.3 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.042 | ug/l | 21.0 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.016 | ug/l | 88.5 | | | | |
| [Pb] | 207 | 209 | He | 0.025 | ug/l | 206.9 | | | | |
| Pb | 208 | 209 | He | 0.021 | ug/l | 43.6 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3912474.08 | 7.1 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5854925.40 | 3.5 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1787498.38 | 0.2 | 104.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44641.02 | 1.2 | 105.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 360086.19 | 0.7 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 29348.56 | 0.8 | 102.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 66654.47 | 1.6 | 106.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 399786.60 | 0.2 | 104.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 327584.12 | 0.7 | 103.0 | 70 | 140 | |

# Sample Report

**File Name** 073SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:14:42

**Sample Name** **460-319796-J-2-A**

**Comment** FB

**Dilution** **1.0000**

**Vial #** 2312

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.002 | ug/l | 172.8 | 2000 | |
| B | 11 | 6 | No Gas | 0.373 | ug/l | 72.9 | 2000 | |
| Na | 23 | 45 | He | -0.643 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | -0.150 | ug/l | N/A | 500000 | |
| Al | 27 | 45 | He | 2.851 | ug/l | 27.0 | 500000 | |
| K | 39 | 45 | He | 13.893 | ug/l | 119.0 | 500000 | |
| Ca | 40 | 45 | H2 | -6.857 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | -0.294 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.055 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -1.059 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.167 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | -3.505 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | -0.009 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.388 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.033 | ug/l | 125.3 | 20000 | |
| Zn | 66 | 45 | He | -1.758 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.879 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.046 | ug/l | 125.6 | 3000 | |
| Sr | 88 | 115 | He | 0.009 | ug/l | 195.8 | 5000 | |
| Mo | 95 | 115 | He | 0.027 | ug/l | 68.9 | 2000 | |
| Ag | 107 | 115 | He | 0.012 | ug/l | 46.4 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.230 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.001 | ug/l | 2155.6 | 1000 | |
| Ba | 137 | 159 | He | -0.028 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 111.4 | 1000 | |
| [Pb] | 206 | 209 | He | -0.019 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.042 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.016 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4059734.38 | 1.3 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6057000.81 | 1.4 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1856182.82 | 1.8 | 108.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45639.85 | 1.1 | 108.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359553.33 | 1.0 | 101.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29391.90 | 1.9 | 103.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68576.29 | 0.6 | 110.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 411784.53 | 0.5 | 107.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 335645.37 | 0.1 | 105.5 | 70 | 140 | |

# Sample Report

**File Name** 074SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:17:16

**Sample Name** **460-319901-H-2-A**

**Comment** FB

**Dilution** **1.0000**

**Vial #** 2406

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.150 | ug/l | 128.9 | 2000 | |
| Na | 23 | 45 | He | -6.007 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 0.718 | ug/l | 41.7 | 500000 | |
| Al | 27 | 45 | He | -1.132 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 10.588 | ug/l | 87.1 | 500000 | |
| Ca | 40 | 45 | H2 | -6.658 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | 0.063 | ug/l | 475.4 | 10000 | |
| V | 51 | 45 | He | -0.003 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.920 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.181 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | -3.497 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | -0.012 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.441 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.004 | ug/l | 989.7 | 20000 | |
| Zn | 66 | 45 | He | -2.239 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.880 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.034 | ug/l | 67.8 | 3000 | |
| Sr | 88 | 115 | He | 0.001 | ug/l | 5976.3 | 5000 | |
| Mo | 95 | 115 | He | 0.010 | ug/l | 167.2 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 115.6 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.411 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.008 | ug/l | 200.1 | 1000 | |
| Ba | 137 | 159 | He | 0.007 | ug/l | 2390.7 | 20000 | |
| Tl | 205 | 209 | He | -0.001 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | -0.019 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.034 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.013 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3986950.56 | 2.4 | 107.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5932331.44 | 2.4 | 104.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1851800.25 | 1.4 | 108.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46096.98 | 2.2 | 109.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 361906.15 | 1.4 | 102.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 29541.13 | 1.1 | 103.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67615.22 | 0.5 | 108.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 411266.25 | 1.1 | 107.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 337485.10 | 1.1 | 106.1 | 70 | 140 | |

# Sample Report

**File Name** 075SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:19:50

**Sample Name** **460-320108-A-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2310

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.205 | ug/l | 5.6 | 2000 | |
| B | 11 | 6 | No Gas | 9.484 | ug/l | 0.8 | 2000 | |
| Na | 23 | 45 | He | 7820.563 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 1398.476 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 34.618 | ug/l | 8.9 | 500000 | |
| K | 39 | 45 | He | 1005.658 | ug/l | 3.7 | 500000 | |
| Ca | 40 | 45 | H2 | 2386.753 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 0.438 | ug/l | 173.6 | 10000 | |
| V | 51 | 45 | He | 0.036 | ug/l | 126.8 | 5000 | |
| Cr | 52 | 45 | He | -0.385 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 94.006 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 16.800 | ug/l | 3.7 | 500000 | |
| Co | 59 | 45 | He | 9.543 | ug/l | 4.8 | 2000 | |
| Ni | 60 | 45 | He | 7.282 | ug/l | 2.9 | 20000 | |
| Cu | 63 | 45 | He | 2.669 | ug/l | 7.2 | 20000 | |
| Zn | 66 | 45 | He | 15.195 | ug/l | 4.5 | 20000 | |
| As | 75 | 45 | He | -0.808 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.082 | ug/l | 69.9 | 3000 | |
| Sr | 88 | 115 | He | 58.318 | ug/l | 2.4 | 5000 | |
| Mo | 95 | 115 | He | 0.263 | ug/l | 22.4 | 2000 | |
| Ag | 107 | 115 | He | 0.011 | ug/l | 78.0 | 1000 | |
| Cd | 111 | 115 | He | 0.188 | ug/l | 0.9 | 5000 | |
| Sn | 118 | 115 | He | -0.358 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.045 | ug/l | 21.6 | 1000 | |
| Ba | 137 | 159 | He | 88.999 | ug/l | 1.0 | 20000 | |
| Tl | 205 | 209 | He | 0.011 | ug/l | 12.3 | 1000 | |
| [Pb] | 206 | 209 | He | 0.128 | ug/l | 29.5 | | |
| [Pb] | 207 | 209 | He | 0.093 | ug/l | 15.4 | | |
| Pb | 208 | 209 | He | 0.110 | ug/l | 12.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4233290.28 | 0.3 | 113.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6151750.18 | 0.8 | 108.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1863432.06 | 1.1 | 108.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43773.99 | 2.4 | 103.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 386621.77 | 0.7 | 109.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31155.78 | 2.3 | 109.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66320.96 | 0.9 | 106.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 403610.99 | 1.8 | 105.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 335396.21 | 2.0 | 105.5 | 70 | 140 | |

# Sample Report

**File Name** 076SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:22:23

**Sample Name** **460-320108-A-5-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2311

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | -0.275 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | -5.133 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 0.230 | ug/l | 178.6 | 500000 | |
| Al | 27 | 45 | He | 0.389 | ug/l | 331.3 | 500000 | |
| K | 39 | 45 | He | 12.466 | ug/l | 154.9 | 500000 | |
| Ca | 40 | 45 | H2 | -6.745 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | -0.301 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.023 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -1.157 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.052 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | -3.865 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | -0.015 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.341 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.023 | ug/l | 160.9 | 20000 | |
| Zn | 66 | 45 | He | -0.792 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.941 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.032 | ug/l | 131.4 | 3000 | |
| Sr | 88 | 115 | He | -0.033 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | -0.013 | ug/l | N/A | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 32.6 | 1000 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.465 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.005 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.030 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 65.9 | 1000 | |
| [Pb] | 206 | 209 | He | -0.025 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.035 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.030 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4013799.01 | 3.2 | 107.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6024305.47 | 1.5 | 105.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1874805.18 | 2.1 | 109.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46260.74 | 0.6 | 109.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358788.07 | 1.4 | 101.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 29511.03 | 0.9 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69652.73 | 0.6 | 111.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 414655.79 | 1.5 | 108.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 341422.50 | 0.3 | 107.3 | 70 | 140 | |

# Sample Report

**File Name** 077SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:24:57

**Sample Name** **460-319796-J-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2401

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.018 | ug/l | 65.0 | 2000 | |
| B | 11 | 6 | No Gas | 583.907 | ug/l | 4.3 | 2000 | |
| Na | 23 | 45 | He | 269752.843 | ug/l | 2.5 | 500000 | |
| Mg | 24 | 45 | He | 47667.242 | ug/l | 2.3 | 500000 | |
| Al | 27 | 45 | He | 8.309 | ug/l | 25.0 | 500000 | |
| K | 39 | 45 | He | 28905.635 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 104350.099 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | 1.690 | ug/l | 7.9 | 10000 | |
| V | 51 | 45 | He | 2.132 | ug/l | 6.5 | 5000 | |
| Cr | 52 | 45 | He | 1.839 | ug/l | 14.0 | 20000 | |
| Mn | 55 | 45 | He | 9021.623 | ug/l | 2.3 | 20000 | |
| Fe | 56 | 45 | H2 | 7639.345 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 0.769 | ug/l | 10.9 | 2000 | |
| Ni | 60 | 45 | He | 11.023 | ug/l | 7.1 | 20000 | |
| Cu | 63 | 45 | He | 0.050 | ug/l | 118.7 | 20000 | |
| Zn | 66 | 45 | He | -0.129 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 9.262 | ug/l | 18.7 | 5000 | |
| Se | 78 | 45 | H2 | 1.259 | ug/l | 18.5 | 3000 | |
| Sr | 88 | 115 | He | 845.439 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 0.274 | ug/l | 32.6 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 293.2 | 1000 | |
| Cd | 111 | 115 | He | 0.053 | ug/l | 70.2 | 5000 | |
| Sn | 118 | 115 | He | -0.191 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.335 | ug/l | 29.1 | 1000 | |
| Ba | 137 | 159 | He | 851.187 | ug/l | 0.5 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 172.5 | 1000 | |
| [Pb] | 206 | 209 | He | -0.005 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.007 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.005 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3771276.65 | 3.8 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5804498.31 | 2.9 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1832854.57 | 1.2 | 107.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44207.46 | 1.9 | 104.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379673.38 | 0.7 | 107.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30668.08 | 1.0 | 107.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65005.16 | 0.8 | 104.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 402432.61 | 1.2 | 105.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 319168.19 | 1.0 | 100.4 | 70 | 140 | |

# Sample Report

**File Name** 078SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:27:25

**Sample Name** **460-319796-J-3-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2402

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 5.855 | ug/l | 16.3 | 2000 | |
| Na | 23 | 45 | He | 36.317 | ug/l | 4.9 | 500000 | |
| Mg | 24 | 45 | He | 2.264 | ug/l | 22.3 | 500000 | |
| Al | 27 | 45 | He | 1.759 | ug/l | 98.6 | 500000 | |
| K | 39 | 45 | He | 16.328 | ug/l | 94.2 | 500000 | |
| Ca | 40 | 45 | H2 | 5.679 | ug/l | 10.2 | 1000000 | |
| Ti | 47 | 45 | He | -0.160 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.027 | ug/l | 155.7 | 5000 | |
| Cr | 52 | 45 | He | -0.105 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.399 | ug/l | 27.4 | 20000 | |
| Fe | 56 | 45 | H2 | 4.651 | ug/l | 2.9 | 500000 | |
| Co | 59 | 45 | He | 0.001 | ug/l | 1305.4 | 2000 | |
| Ni | 60 | 45 | He | 0.704 | ug/l | 12.8 | 20000 | |
| Cu | 63 | 45 | He | 0.795 | ug/l | 16.3 | 20000 | |
| Zn | 66 | 45 | He | -0.839 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.811 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.112 | ug/l | 84.8 | 3000 | |
| Sr | 88 | 115 | He | 0.080 | ug/l | 124.1 | 5000 | |
| Mo | 95 | 115 | He | 0.154 | ug/l | 33.7 | 2000 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 41.8 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.074 | ug/l | 257.0 | 2000 | |
| Sb | 121 | 115 | He | 0.042 | ug/l | 99.2 | 1000 | |
| Ba | 137 | 159 | He | -0.044 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | 429.1 | 1000 | |
| [Pb] | 206 | 209 | He | -0.008 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.001 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.014 | ug/l | 36.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3886483.55 | 5.6 | 104.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5853429.84 | 2.7 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1798418.90 | 1.2 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44609.81 | 0.9 | 105.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 360656.35 | 0.4 | 102.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 29077.88 | 1.0 | 102.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65375.33 | 1.2 | 104.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 403733.77 | 0.2 | 105.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 329142.69 | 0.5 | 103.5 | 70 | 140 | |

# Sample Report

**File Name** 079SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:30:00

**Sample Name** **460-319796-J-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2403

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.002 | ug/l | 363.6 | 2000 | |
| B | 11 | 6 | No Gas | 104.310 | ug/l | 4.0 | 2000 | |
| Na | 23 | 45 | He | 12433081.618 | ug/l | 2.5 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 54613.729 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 4.038 | ug/l | 156.8 | 500000 | |
| K | 39 | 45 | He | 67980.569 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 1467467.270 | ug/l | 0.9 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 0.613 | ug/l | 35.7 | 10000 | |
| V | 51 | 45 | He | 0.082 | ug/l | 46.2 | 5000 | |
| Cr | 52 | 45 | He | -0.538 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1091.213 | ug/l | 1.2 | 20000 | |
| Fe | 56 | 45 | H2 | 9379.127 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 0.234 | ug/l | 13.2 | 2000 | |
| Ni | 60 | 45 | He | 0.659 | ug/l | 6.7 | 20000 | |
| Cu | 63 | 45 | He | 0.469 | ug/l | 2.0 | 20000 | |
| Zn | 66 | 45 | He | -1.129 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.425 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.550 | ug/l | 23.4 | 3000 | |
| Sr | 88 | 115 | He | 11661.039 | ug/l | 1.3 | 5000 | >LDR 6020B□>LDR 200.8 |
| Mo | 95 | 115 | He | 4.538 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 0.000 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.155 | ug/l | 26.7 | 5000 | |
| Sn | 118 | 115 | He | -0.367 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.253 | ug/l | 12.4 | 1000 | |
| Ba | 137 | 159 | He | 2697.092 | ug/l | 1.2 | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 86.6 | 1000 | |
| [Pb] | 206 | 209 | He | 0.081 | ug/l | 49.5 | | |
| [Pb] | 207 | 209 | He | 0.047 | ug/l | 57.6 | | |
| Pb | 208 | 209 | He | 0.060 | ug/l | 25.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2826354.47 | 3.0 | 75.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5035004.68 | 1.8 | 88.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1668737.51 | 0.8 | 97.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44000.06 | 0.3 | 104.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 317260.75 | 0.8 | 89.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 29202.58 | 0.1 | 102.4 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 57884.11 | 0.3 | 92.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 330903.65 | 0.6 | 86.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 233525.20 | 1.1 | 73.4 | 70 | 140 | |

# Sample Report

**File Name** 080SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:32:30

**Sample Name** **460-319796-J-5-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2404

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.004 | ug/l | 153.0 | 2000 | |
| B | 11 | 6 | No Gas | 85.662 | ug/l | 4.0 | 2000 | |
| Na | 23 | 45 | He | 64363.387 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 26201.324 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 4.652 | ug/l | 29.4 | 500000 | |
| K | 39 | 45 | He | 3041.486 | ug/l | 1.9 | 500000 | |
| Ca | 40 | 45 | H2 | 148377.407 | ug/l | 2.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.018 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.190 | ug/l | 6.4 | 5000 | |
| Cr | 52 | 45 | He | -0.956 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1242.877 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 2821.090 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 0.581 | ug/l | 4.0 | 2000 | |
| Ni | 60 | 45 | He | 1.143 | ug/l | 19.5 | 20000 | |
| Cu | 63 | 45 | He | 0.167 | ug/l | 28.0 | 20000 | |
| Zn | 66 | 45 | He | -1.670 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.175 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.055 | ug/l | 67.5 | 3000 | |
| Sr | 88 | 115 | He | 235.124 | ug/l | 1.1 | 5000 | |
| Mo | 95 | 115 | He | 1.852 | ug/l | 11.2 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 67.7 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.186 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.032 | ug/l | 207.2 | 1000 | |
| Ba | 137 | 159 | He | 133.883 | ug/l | 5.5 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 66.1 | 1000 | |
| [Pb] | 206 | 209 | He | -0.023 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.029 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.013 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4246141.57 | 2.0 | 114.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6216421.71 | 1.1 | 109.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1908112.85 | 1.6 | 111.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47754.72 | 0.8 | 113.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 402135.33 | 1.0 | 113.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32973.48 | 0.9 | 115.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70685.76 | 0.8 | 113.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 427481.58 | 0.2 | 112.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 338296.29 | 0.4 | 106.4 | 70 | 140 | |

# Sample Report

**File Name** 081SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:35:03

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.003 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 1.286 | ug/l | 16.5 | 2000 | |
| Na | 23 | 45 | He | 868.011 | ug/l | 2.6 | 500000 | |
| Mg | 24 | 45 | He | 2.126 | ug/l | 33.7 | 500000 | |
| Al | 27 | 45 | He | -0.828 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 76.429 | ug/l | 6.4 | 500000 | |
| Ca | 40 | 45 | H2 | 10.500 | ug/l | 9.2 | 1000000 | |
| Ti | 47 | 45 | He | -0.132 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.023 | ug/l | 297.8 | 5000 | |
| Cr | 52 | 45 | He | -0.139 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.135 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 3.924 | ug/l | 11.5 | 500000 | |
| Co | 59 | 45 | He | -0.005 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.022 | ug/l | 519.8 | 20000 | |
| Cu | 63 | 45 | He | 0.092 | ug/l | 65.5 | 20000 | |
| Zn | 66 | 45 | He | -0.075 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.913 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.078 | ug/l | 52.3 | 3000 | |
| Sr | 88 | 115 | He | 0.064 | ug/l | 25.8 | 5000 | |
| Mo | 95 | 115 | He | 0.179 | ug/l | 40.8 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 233.9 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.139 | ug/l | 33.3 | 2000 | |
| Sb | 121 | 115 | He | 0.041 | ug/l | 164.8 | 1000 | |
| Ba | 137 | 159 | He | 0.085 | ug/l | 68.4 | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 55.7 | 1000 | |
| [Pb] | 206 | 209 | He | -0.003 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.024 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.003 | ug/l | 54.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4232490.01 | 2.4 | 113.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6234009.77 | 2.8 | 109.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1912912.16 | 0.4 | 111.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47509.52 | 0.7 | 112.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 383023.44 | 0.5 | 108.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31403.10 | 1.2 | 110.1 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70837.03 | 0.5 | 113.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 426839.29 | 0.9 | 111.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 343850.42 | 0.8 | 108.1 | 70 | 140 | |

# Sample Report

**File Name** 082SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:37:37

**Sample Name** **460-319796-J-7-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2405

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.013 | ug/l | 55.3 | 2000 | |
| B | 11 | 6 | No Gas | 218.004 | ug/l | 6.9 | 2000 | |
| Na | 23 | 45 | He | 10923829.855 | ug/l | 2.5 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 75705.466 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 16.832 | ug/l | 50.6 | 500000 | |
| K | 39 | 45 | He | 28418.173 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 609008.851 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | -0.359 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.767 | ug/l | 9.1 | 5000 | |
| Cr | 52 | 45 | He | -0.248 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 238.156 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 23.230 | ug/l | 6.8 | 500000 | |
| Co | 59 | 45 | He | 0.159 | ug/l | 30.3 | 2000 | |
| Ni | 60 | 45 | He | 1.030 | ug/l | 17.7 | 20000 | |
| Cu | 63 | 45 | He | 1.683 | ug/l | 16.4 | 20000 | |
| Zn | 66 | 45 | He | 557.438 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 0.172 | ug/l | 231.8 | 5000 | |
| Se | 78 | 45 | H2 | 0.419 | ug/l | 19.2 | 3000 | |
| Sr | 88 | 115 | He | 5226.536 | ug/l | 2.1 | 5000 | >LDR 6020B□>LDR 200.8 |
| Mo | 95 | 115 | He | 6.030 | ug/l | 10.0 | 2000 | |
| Ag | 107 | 115 | He | 0.019 | ug/l | 73.7 | 1000 | |
| Cd | 111 | 115 | He | 0.112 | ug/l | 17.1 | 5000 | |
| Sn | 118 | 115 | He | -0.249 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.795 | ug/l | 4.5 | 1000 | |
| Ba | 137 | 159 | He | 1349.947 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.057 | ug/l | 51.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.195 | ug/l | 84.9 | | |
| [Pb] | 207 | 209 | He | 0.150 | ug/l | 76.1 | | |
| Pb | 208 | 209 | He | 0.195 | ug/l | 72.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 2938463.71 | 4.8 | 78.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5289815.20 | 3.2 | 92.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1748831.03 | 4.7 | 102.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45819.28 | 1.5 | 108.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 343830.48 | 1.2 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30652.40 | 0.3 | 107.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 61738.79 | 1.5 | 99.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 355219.50 | 0.6 | 93.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 249687.73 | 0.9 | 78.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 083_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:40:10

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 92.115 | ug/l | 5.4 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 231.241 | ug/l | 5.0 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 25307.788 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24120.935 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24606.989 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24786.457 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24553.000 | ug/l | 2.1 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 91.353 | ug/l | 1.5 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 96.929 | ug/l | 0.6 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 97.071 | ug/l | 0.6 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 98.154 | ug/l | 1.1 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24488.144 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 96.978 | ug/l | 0.2 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 97.625 | ug/l | 0.3 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 96.801 | ug/l | 2.0 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 241.596 | ug/l | 0.8 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 97.629 | ug/l | 5.6 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 93.705 | ug/l | 1.7 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.387 | ug/l | 2.0 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.220 | ug/l | 0.9 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 47.879 | ug/l | 1.6 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 96.987 | ug/l | 1.1 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 97.231 | ug/l | 1.9 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.367 | ug/l | 0.6 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.123 | ug/l | 2.2 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.492 | ug/l | 2.1 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 97.782 | ug/l | 1.2 | | | | |
| [Pb] | 207 | 209 | He | 98.127 | ug/l | 0.4 | | | | |
| Pb | 208 | 209 | He | 98.140 | ug/l | 0.5 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4280659.31 | 4.7 | 114.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6291778.45 | 2.7 | 110.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1891042.32 | 1.6 | 110.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46939.67 | 0.3 | 111.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394624.10 | 1.4 | 111.8 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 32154.88 | 0.2 | 112.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 69549.78 | 1.1 | 111.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 425266.57 | 0.5 | 111.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 333539.36 | 1.2 | 104.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 084_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:42:41

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Analyte Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 274.4 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.290 | ug/l | 16.9 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 1093.817 | ug/l | 3.1 | 500 | -500 | 500 | > water RL |
| Mg | 24 | 45 | He | 2.283 | ug/l | 57.2 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 3.732 | ug/l | 71.3 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 77.791 | ug/l | 19.0 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 5.391 | ug/l | 24.4 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.177 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.039 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.218 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.166 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.118 | ug/l | 7.2 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.011 | ug/l | 230.1 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.011 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.136 | ug/l | 17.7 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -0.759 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.788 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.202 | ug/l | 47.1 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.095 | ug/l | 48.2 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.203 | ug/l | 2.6 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 103.4 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.006 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.119 | ug/l | 31.1 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.154 | ug/l | 119.4 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.025 | ug/l | 22.1 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.008 | ug/l | 302.9 | | | | |
| [Pb] | 207 | 209 | He | -0.021 | ug/l | N/A | | | | |
| Pb | 208 | 209 | He | -0.006 | ug/l | N/A | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4043342.02 | 3.9 | 108.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6041728.11 | 2.3 | 106.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1883275.82 | 1.0 | 110.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46273.10 | 1.3 | 109.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368346.58 | 0.8 | 104.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30547.76 | 0.7 | 107.1 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |
| In-1 | 115 | He | 70201.80 | 0.5 | 112.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 425769.87 | 0.5 | 111.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 343618.56 | 0.7 | 108.0 | 70 | 140 | |

# Sample Report

**File Name** 085SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 23:59:47

**Sample Name** **460-320015-J-2-A**

**Comment** FB

**Dilution** **1.0000**

**Vial #** 2411

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | -0.885 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | 429.576 | ug/l | 4.2 | 500000 | |
| Mg | 24 | 45 | He | 0.398 | ug/l | 200.3 | 500000 | |
| Al | 27 | 45 | He | 1.865 | ug/l | 163.0 | 500000 | |
| K | 39 | 45 | He | 44.500 | ug/l | 26.9 | 500000 | |
| Ca | 40 | 45 | H2 | -3.454 | ug/l | N/A | 1000000 | |
| Ti | 47 | 45 | He | 0.595 | ug/l | 106.6 | 10000 | |
| V | 51 | 45 | He | -0.006 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -1.036 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.159 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | -3.809 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | -0.004 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.211 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.206 | ug/l | 40.8 | 20000 | |
| Zn | 66 | 45 | He | -1.507 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.881 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.077 | ug/l | 70.3 | 3000 | |
| Sr | 88 | 115 | He | -0.015 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.000 | ug/l | 22008.6 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 158.6 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.444 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.016 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.172 | ug/l | 15.3 | 20000 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | N/A | 1000 | |
| [Pb] | 206 | 209 | He | -0.009 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.029 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.023 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4212585.42 | 2.0 | 113.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6192247.20 | 2.0 | 108.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1938762.21 | 0.3 | 113.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46658.63 | 2.0 | 110.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370175.32 | 0.7 | 104.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30195.92 | 2.1 | 105.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70742.73 | 2.2 | 113.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 423307.94 | 1.0 | 111.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 346432.67 | 0.7 | 108.9 | 70 | 140 | |

# Sample Report

**File Name** 086SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:02:20

**Sample Name** **460-319901-H-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2407

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.003 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 74.337 | ug/l | 3.1 | 2000 | |
| Na | 23 | 45 | He | 488093.913 | ug/l | 1.2 | 500000 | >LDR 200.8 |
| Mg | 24 | 45 | He | 754.937 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 160.603 | ug/l | 8.4 | 500000 | |
| K | 39 | 45 | He | 88216.856 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 96978.358 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | -0.182 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 28.033 | ug/l | 4.1 | 5000 | |
| Cr | 52 | 45 | He | -0.578 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.653 | ug/l | 43.5 | 20000 | |
| Fe | 56 | 45 | H2 | 2219.567 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 26.031 | ug/l | 0.8 | 2000 | |
| Ni | 60 | 45 | He | 62.482 | ug/l | 1.8 | 20000 | |
| Cu | 63 | 45 | He | 1.696 | ug/l | 7.7 | 20000 | |
| Zn | 66 | 45 | He | -1.059 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 113.638 | ug/l | 2.7 | 5000 | |
| Se | 78 | 45 | H2 | 4.459 | ug/l | 7.7 | 3000 | |
| Sr | 88 | 115 | He | 1613.621 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 164.954 | ug/l | 2.5 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 46.6 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | -0.143 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 2.738 | ug/l | 3.6 | 1000 | |
| Ba | 137 | 159 | He | 317.107 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.009 | ug/l | 49.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.223 | ug/l | 26.2 | | |
| [Pb] | 207 | 209 | He | 0.198 | ug/l | 7.7 | | |
| Pb | 208 | 209 | He | 0.254 | ug/l | 14.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3706513.45 | 0.8 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5920639.64 | 1.2 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1858733.32 | 2.1 | 108.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46801.48 | 1.2 | 110.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378783.07 | 0.9 | 107.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31428.66 | 0.4 | 110.2 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67004.69 | 1.1 | 107.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 407743.91 | 1.0 | 106.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 314813.39 | 0.9 | 99.0 | 70 | 140 | |

# Sample Report

**File Name** 087SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:04:53

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.003 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.649 | ug/l | 6.6 | 2000 | |
| Na | 23 | 45 | He | 393.992 | ug/l | 2.4 | 500000 | |
| Mg | 24 | 45 | He | 1.108 | ug/l | 59.3 | 500000 | |
| Al | 27 | 45 | He | 4.768 | ug/l | 69.6 | 500000 | |
| K | 39 | 45 | He | 46.054 | ug/l | 3.6 | 500000 | |
| Ca | 40 | 45 | H2 | 9.281 | ug/l | 6.4 | 1000000 | |
| Ti | 47 | 45 | He | 0.198 | ug/l | 419.6 | 10000 | |
| V | 51 | 45 | He | 0.104 | ug/l | 41.0 | 5000 | |
| Cr | 52 | 45 | He | -0.222 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.048 | ug/l | 98.4 | 20000 | |
| Fe | 56 | 45 | H2 | 1.571 | ug/l | 12.3 | 500000 | |
| Co | 59 | 45 | He | 0.011 | ug/l | 153.1 | 2000 | |
| Ni | 60 | 45 | He | 0.272 | ug/l | 61.7 | 20000 | |
| Cu | 63 | 45 | He | 0.132 | ug/l | 15.9 | 20000 | |
| Zn | 66 | 45 | He | -1.070 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.225 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.053 | ug/l | 44.9 | 3000 | |
| Sr | 88 | 115 | He | 0.120 | ug/l | 42.8 | 5000 | |
| Mo | 95 | 115 | He | 2.642 | ug/l | 9.4 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 45.2 | 1000 | |
| Cd | 111 | 115 | He | 0.030 | ug/l | 0.4 | 5000 | |
| Sn | 118 | 115 | He | 0.072 | ug/l | 114.8 | 2000 | |
| Sb | 121 | 115 | He | 0.169 | ug/l | 8.5 | 1000 | |
| Ba | 137 | 159 | He | 0.106 | ug/l | 126.1 | 20000 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | 717.0 | 1000 | |
| [Pb] | 206 | 209 | He | -0.025 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.036 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.024 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3985753.00 | 2.4 | 107.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6094592.76 | 2.7 | 107.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1726127.81 | 2.0 | 100.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45323.18 | 1.2 | 107.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 356448.94 | 0.1 | 101.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30531.03 | 1.2 | 107.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68558.82 | 0.4 | 110.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 417846.65 | 1.3 | 109.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 337475.65 | 0.8 | 106.1 | 70 | 140 | |

# Sample Report

**File Name** 088SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:07:27

**Sample Name** **460-319901-H-3-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2408

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 14.772 | ug/l | 3.5 | 2000 | |
| Na | 23 | 45 | He | 98338.437 | ug/l | 1.0 | 500000 | |
| Mg | 24 | 45 | He | 152.767 | ug/l | 2.7 | 500000 | |
| Al | 27 | 45 | He | 36.644 | ug/l | 19.8 | 500000 | |
| K | 39 | 45 | He | 17651.254 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 19452.544 | ug/l | 0.4 | 1000000 | |
| Ti | 47 | 45 | He | 0.010 | ug/l | 2912.1 | 10000 | |
| V | 51 | 45 | He | 5.660 | ug/l | 4.2 | 5000 | |
| Cr | 52 | 45 | He | -0.363 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.049 | ug/l | 185.2 | 20000 | |
| Fe | 56 | 45 | H2 | 464.176 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 6.055 | ug/l | 3.7 | 2000 | |
| Ni | 60 | 45 | He | 12.716 | ug/l | 6.9 | 20000 | |
| Cu | 63 | 45 | He | 0.618 | ug/l | 12.5 | 20000 | |
| Zn | 66 | 45 | He | -1.278 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 22.443 | ug/l | 2.2 | 5000 | |
| Se | 78 | 45 | H2 | 0.913 | ug/l | 16.8 | 3000 | |
| Sr | 88 | 115 | He | 316.368 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 35.574 | ug/l | 1.0 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 104.4 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.056 | ug/l | 287.7 | 2000 | |
| Sb | 121 | 115 | He | 0.523 | ug/l | 3.9 | 1000 | |
| Ba | 137 | 159 | He | 64.248 | ug/l | 2.8 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 63.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.043 | ug/l | 45.3 | | |
| [Pb] | 207 | 209 | He | 0.023 | ug/l | 43.0 | | |
| Pb | 208 | 209 | He | 0.032 | ug/l | 50.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3821173.35 | 2.7 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6004581.85 | 1.3 | 105.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1847503.86 | 0.9 | 107.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45818.12 | 0.5 | 108.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377864.99 | 0.8 | 107.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31326.19 | 0.3 | 109.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67545.90 | 0.6 | 108.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 409364.05 | 1.2 | 107.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 327910.19 | 0.8 | 103.1 | 70 | 140 | |

# Sample Report

**File Name** 089SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:09:59

**Sample Name** **460-319901-H-4-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2409

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.003 | ug/l | 274.7 | 2000 | |
| B | 11 | 6 | No Gas | 78.402 | ug/l | 6.1 | 2000 | |
| Na | 23 | 45 | He | 556533.428 | ug/l | 1.0 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 415.957 | ug/l | 1.6 | 500000 | |
| Al | 27 | 45 | He | 383.725 | ug/l | 7.0 | 500000 | |
| K | 39 | 45 | He | 177889.720 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 44209.117 | ug/l | 0.6 | 1000000 | |
| Ti | 47 | 45 | He | 0.618 | ug/l | 57.3 | 10000 | |
| V | 51 | 45 | He | 61.813 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | -0.552 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1.535 | ug/l | 10.4 | 20000 | |
| Fe | 56 | 45 | H2 | 236.148 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 1.704 | ug/l | 3.0 | 2000 | |
| Ni | 60 | 45 | He | 355.842 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 0.103 | ug/l | 55.1 | 20000 | |
| Zn | 66 | 45 | He | -1.180 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 125.142 | ug/l | 4.0 | 5000 | |
| Se | 78 | 45 | H2 | 22.146 | ug/l | 1.5 | 3000 | |
| Sr | 88 | 115 | He | 882.817 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 121.753 | ug/l | 5.1 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 926.8 | 1000 | |
| Cd | 111 | 115 | He | 0.042 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | 0.062 | ug/l | 260.2 | 2000 | |
| Sb | 121 | 115 | He | 2.608 | ug/l | 5.9 | 1000 | |
| Ba | 137 | 159 | He | 378.148 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | 156.9 | 1000 | |
| [Pb] | 206 | 209 | He | -0.024 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.033 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.014 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3865271.96 | 3.8 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6073236.85 | 2.3 | 106.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1878102.90 | 1.9 | 109.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45966.47 | 1.1 | 108.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 385482.68 | 0.4 | 109.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31561.26 | 1.2 | 110.7 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66353.30 | 1.0 | 106.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 408127.57 | 0.9 | 107.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 316500.91 | 0.8 | 99.5 | 70 | 140 | |

# Sample Report

**File Name** 090SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:12:31

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.008 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.852 | ug/l | 58.3 | 2000 | |
| Na | 23 | 45 | He | 356.814 | ug/l | 2.7 | 500000 | |
| Mg | 24 | 45 | He | 2.190 | ug/l | 62.1 | 500000 | |
| Al | 27 | 45 | He | 2.142 | ug/l | 148.7 | 500000 | |
| K | 39 | 45 | He | 40.433 | ug/l | 28.8 | 500000 | |
| Ca | 40 | 45 | H2 | 6.458 | ug/l | 6.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.042 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.027 | ug/l | 138.0 | 5000 | |
| Cr | 52 | 45 | He | 0.009 | ug/l | 3979.9 | 20000 | |
| Mn | 55 | 45 | He | -0.100 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.936 | ug/l | 2.5 | 500000 | |
| Co | 59 | 45 | He | 0.019 | ug/l | 137.9 | 2000 | |
| Ni | 60 | 45 | He | 0.086 | ug/l | 29.2 | 20000 | |
| Cu | 63 | 45 | He | 0.119 | ug/l | 58.1 | 20000 | |
| Zn | 66 | 45 | He | -0.675 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.256 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.245 | ug/l | 55.2 | 3000 | |
| Sr | 88 | 115 | He | 0.011 | ug/l | 429.8 | 5000 | |
| Mo | 95 | 115 | He | 1.905 | ug/l | 12.0 | 2000 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 117.1 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.103 | ug/l | 96.0 | 2000 | |
| Sb | 121 | 115 | He | 0.072 | ug/l | 42.8 | 1000 | |
| Ba | 137 | 159 | He | -0.028 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 40.7 | 1000 | |
| [Pb] | 206 | 209 | He | -0.006 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.018 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.017 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3902317.37 | 5.6 | 104.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6033689.08 | 4.0 | 105.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1842790.79 | 0.5 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45280.89 | 1.4 | 107.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368034.10 | 1.1 | 104.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30524.46 | 1.5 | 107.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67723.57 | 0.3 | 108.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 409979.11 | 0.8 | 107.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 335241.03 | 1.4 | 105.4 | 70 | 140 | |

# Sample Report

**File Name** 091SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:15:06

**Sample Name** **460-319901-H-4-A@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2410

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 15.950 | ug/l | 11.2 | 2000 | |
| Na | 23 | 45 | He | 110738.435 | ug/l | 2.6 | 500000 | |
| Mg | 24 | 45 | He | 84.786 | ug/l | 5.0 | 500000 | |
| Al | 27 | 45 | He | 79.326 | ug/l | 15.1 | 500000 | |
| K | 39 | 45 | He | 36534.040 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 8836.880 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.211 | ug/l | 417.7 | 10000 | |
| V | 51 | 45 | He | 12.092 | ug/l | 2.6 | 5000 | |
| Cr | 52 | 45 | He | -0.324 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.267 | ug/l | 58.7 | 20000 | |
| Fe | 56 | 45 | H2 | 54.402 | ug/l | 3.1 | 500000 | |
| Co | 59 | 45 | He | 0.402 | ug/l | 6.5 | 2000 | |
| Ni | 60 | 45 | He | 70.321 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 0.314 | ug/l | 11.4 | 20000 | |
| Zn | 66 | 45 | He | -0.871 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 26.173 | ug/l | 7.7 | 5000 | |
| Se | 78 | 45 | H2 | 4.932 | ug/l | 12.7 | 3000 | |
| Sr | 88 | 115 | He | 170.969 | ug/l | 0.8 | 5000 | |
| Mo | 95 | 115 | He | 32.716 | ug/l | 10.5 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 121.2 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.111 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.595 | ug/l | 17.9 | 1000 | |
| Ba | 137 | 159 | He | 75.296 | ug/l | 2.4 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 159.8 | 1000 | |
| [Pb] | 206 | 209 | He | -0.005 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.013 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.006 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3880322.79 | 5.3 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5979213.59 | 2.9 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1854767.46 | 1.9 | 108.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45500.57 | 2.2 | 107.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 381261.83 | 0.3 | 108.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31071.16 | 1.4 | 109.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66307.83 | 0.6 | 106.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 403252.76 | 0.4 | 105.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 324258.66 | 0.3 | 102.0 | 70 | 140 | |

# Sample Report

**File Name** 092SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:17:38

**Sample Name** **460-320015-J-3-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2412

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.010 | ug/l | 114.7 | 2000 | |
| B | 11 | 6 | No Gas | 278.896 | ug/l | 3.2 | 2000 | |
| Na | 23 | 45 | He | 68188.227 | ug/l | 4.6 | 500000 | |
| Mg | 24 | 45 | He | 37837.492 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 8.713 | ug/l | 18.2 | 500000 | |
| K | 39 | 45 | He | 8470.343 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 149283.561 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.159 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.172 | ug/l | 49.4 | 5000 | |
| Cr | 52 | 45 | He | -0.905 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 8338.108 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 6507.180 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 0.752 | ug/l | 9.9 | 2000 | |
| Ni | 60 | 45 | He | 1.122 | ug/l | 14.0 | 20000 | |
| Cu | 63 | 45 | He | 0.753 | ug/l | 6.6 | 20000 | |
| Zn | 66 | 45 | He | 3.629 | ug/l | 31.7 | 20000 | |
| As | 75 | 45 | He | 3.498 | ug/l | 16.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.322 | ug/l | 19.3 | 3000 | |
| Sr | 88 | 115 | He | 662.344 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 2.463 | ug/l | 3.9 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 112.1 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.298 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.224 | ug/l | 35.6 | 1000 | |
| Ba | 137 | 159 | He | 222.148 | ug/l | 2.8 | 20000 | |
| Tl | 205 | 209 | He | 0.006 | ug/l | 43.8 | 1000 | |
| [Pb] | 206 | 209 | He | -0.007 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.012 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.004 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3909819.70 | 3.0 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6036924.77 | 3.6 | 106.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1829463.41 | 1.5 | 106.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44570.92 | 1.0 | 105.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 386505.67 | 1.3 | 109.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31483.33 | 1.3 | 110.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66189.01 | 0.7 | 106.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 406562.60 | 1.1 | 106.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 325224.51 | 0.5 | 102.3 | 70 | 140 | |

# Sample Report

**File Name** 093SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:20:11

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.006 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 3.319 | ug/l | 10.9 | 2000 | |
| Na | 23 | 45 | He | 203.101 | ug/l | 4.2 | 500000 | |
| Mg | 24 | 45 | He | 2.303 | ug/l | 17.3 | 500000 | |
| Al | 27 | 45 | He | -0.542 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 34.559 | ug/l | 45.6 | 500000 | |
| Ca | 40 | 45 | H2 | 10.868 | ug/l | 8.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.025 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.019 | ug/l | 126.2 | 5000 | |
| Cr | 52 | 45 | He | -0.056 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.331 | ug/l | 49.4 | 20000 | |
| Fe | 56 | 45 | H2 | 2.684 | ug/l | 10.2 | 500000 | |
| Co | 59 | 45 | He | 0.002 | ug/l | 542.9 | 2000 | |
| Ni | 60 | 45 | He | 0.160 | ug/l | 100.9 | 20000 | |
| Cu | 63 | 45 | He | 0.114 | ug/l | 15.0 | 20000 | |
| Zn | 66 | 45 | He | -0.169 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.682 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.062 | ug/l | 5.6 | 3000 | |
| Sr | 88 | 115 | He | 0.109 | ug/l | 85.6 | 5000 | |
| Mo | 95 | 115 | He | 0.623 | ug/l | 26.7 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 63.1 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.002 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.094 | ug/l | 108.2 | 1000 | |
| Ba | 137 | 159 | He | -0.006 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 90.2 | 1000 | |
| [Pb] | 206 | 209 | He | 0.003 | ug/l | 293.5 | | |
| [Pb] | 207 | 209 | He | -0.036 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.005 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3796138.62 | 4.9 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5796344.22 | 3.8 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1790587.72 | 3.0 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43887.54 | 1.4 | 104.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 354206.79 | 1.2 | 100.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 29240.43 | 1.7 | 102.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65743.97 | 1.8 | 105.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 395149.76 | 1.3 | 103.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 326710.80 | 0.5 | 102.7 | 70 | 140 | |

# Sample Report

**File Name** 094SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:22:44

**Sample Name** **460-320015-J-5-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2210

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.009 | ug/l | 56.9 | 2000 | |
| B | 11 | 6 | No Gas | 154.207 | ug/l | 3.4 | 2000 | |
| Na | 23 | 45 | He | 216799.672 | ug/l | 1.9 | 500000 | |
| Mg | 24 | 45 | He | 23164.613 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 7.611 | ug/l | 20.5 | 500000 | |
| K | 39 | 45 | He | 39186.350 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 73874.921 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | 0.031 | ug/l | 1890.1 | 10000 | |
| V | 51 | 45 | He | 3.578 | ug/l | 5.7 | 5000 | |
| Cr | 52 | 45 | He | -0.656 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 2576.785 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 36.717 | ug/l | 2.8 | 500000 | |
| Co | 59 | 45 | He | 0.109 | ug/l | 6.8 | 2000 | |
| Ni | 60 | 45 | He | 17.405 | ug/l | 3.2 | 20000 | |
| Cu | 63 | 45 | He | 0.121 | ug/l | 22.1 | 20000 | |
| Zn | 66 | 45 | He | -0.917 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | 31.687 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 13.232 | ug/l | 11.1 | 3000 | |
| Sr | 88 | 115 | He | 676.809 | ug/l | 0.1 | 5000 | |
| Mo | 95 | 115 | He | 8.375 | ug/l | 8.8 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 163.1 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.231 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.491 | ug/l | 14.0 | 1000 | |
| Ba | 137 | 159 | He | 330.243 | ug/l | 0.9 | 20000 | |
| Tl | 205 | 209 | He | 0.000 | ug/l | 581.1 | 1000 | |
| [Pb] | 206 | 209 | He | 0.003 | ug/l | 157.0 | | |
| [Pb] | 207 | 209 | He | -0.007 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.007 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3832573.69 | 1.9 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6066391.58 | 1.3 | 106.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1784739.49 | 1.4 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44647.74 | 0.9 | 105.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374702.76 | 0.7 | 106.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30389.64 | 1.7 | 106.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64990.70 | 0.8 | 104.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 401911.74 | 0.6 | 105.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 316440.13 | 0.4 | 99.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 095_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:25:17

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 93.691 | ug/l | 1.5 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 249.604 | ug/l | 4.6 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 25281.482 | ug/l | 1.9 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24844.802 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 25000.292 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25033.424 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24624.539 | ug/l | 0.6 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 98.332 | ug/l | 3.3 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 98.810 | ug/l | 2.8 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 99.937 | ug/l | 1.6 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.593 | ug/l | 3.2 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24967.246 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 98.432 | ug/l | 0.9 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 100.306 | ug/l | 2.7 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 99.219 | ug/l | 1.2 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 248.411 | ug/l | 2.2 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.069 | ug/l | 2.1 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 97.798 | ug/l | 2.5 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 97.363 | ug/l | 2.3 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.900 | ug/l | 1.2 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.330 | ug/l | 0.4 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 95.945 | ug/l | 1.4 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 98.436 | ug/l | 1.2 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 97.559 | ug/l | 1.7 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 95.589 | ug/l | 1.7 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 98.023 | ug/l | 0.9 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.309 | ug/l | 0.6 | | | | |
| [Pb] | 207 | 209 | He | 98.854 | ug/l | 1.1 | | | | |
| Pb | 208 | 209 | He | 98.800 | ug/l | 0.3 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3853860.08 | 0.6 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5916433.10 | 1.4 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1737587.18 | 1.4 | 101.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41934.79 | 1.2 | 99.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 365776.22 | 0.8 | 103.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 28916.47 | 1.0 | 101.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 62821.62 | 0.5 | 100.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 391247.75 | 1.6 | 102.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 313724.50 | 0.5 | 98.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 096_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:27:49

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiquant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 583.7 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.714 | ug/l | 14.7 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 212.981 | ug/l | 6.0 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.081 | ug/l | 46.7 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.595 | ug/l | 214.6 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 32.026 | ug/l | 46.1 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 4.622 | ug/l | 11.8 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.072 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.101 | ug/l | 72.2 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.054 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.079 | ug/l | 178.3 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.175 | ug/l | 18.7 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.001 | ug/l | 641.8 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.152 | ug/l | 144.7 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.138 | ug/l | 32.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -0.281 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.836 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.630 | ug/l | 47.5 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.082 | ug/l | 83.2 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.233 | ug/l | 24.6 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 137.3 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.144 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.054 | ug/l | 88.2 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.042 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.033 | ug/l | 5.8 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | -0.020 | ug/l | N/A | | | | |
| [Pb] | 207 | 209 | He | -0.016 | ug/l | N/A | | | | |
| Pb | 208 | 209 | He | -0.014 | ug/l | N/A | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3660163.48 | 1.9 | 98.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5642014.08 | 1.9 | 99.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1746855.29 | 1.2 | 102.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42633.65 | 1.5 | 101.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 351771.80 | 1.3 | 99.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 28672.65 | 0.6 | 100.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 64648.88 | 0.9 | 103.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 394477.51 | 2.0 | 103.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 323954.06 | 0.6 | 101.9 | 70 | 140 | |

# Sample Report

**File Name** 097SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:30:24

**Sample Name** **MB 460-1020444/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.000 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 1.541 | ug/l | 17.5 | 2000 | |
| Na | 23 | 45 | He | 189.384 | ug/l | 3.6 | 500000 | |
| Mg | 24 | 45 | He | 1.586 | ug/l | 20.7 | 500000 | |
| Al | 27 | 45 | He | 6.106 | ug/l | 94.8 | 500000 | |
| K | 39 | 45 | He | 32.634 | ug/l | 38.8 | 500000 | |
| Ca | 40 | 45 | H2 | 16.238 | ug/l | 8.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.082 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.066 | ug/l | 25.6 | 5000 | |
| Cr | 52 | 45 | He | 0.663 | ug/l | 23.6 | 20000 | |
| Mn | 55 | 45 | He | 0.169 | ug/l | 58.0 | 20000 | |
| Fe | 56 | 45 | H2 | 7.454 | ug/l | 9.3 | 500000 | |
| Co | 59 | 45 | He | 0.008 | ug/l | 147.3 | 2000 | |
| Ni | 60 | 45 | He | 0.511 | ug/l | 18.2 | 20000 | |
| Cu | 63 | 45 | He | 0.690 | ug/l | 4.2 | 20000 | |
| Zn | 66 | 45 | He | 0.172 | ug/l | 543.4 | 20000 | |
| As | 75 | 45 | He | -0.806 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.474 | ug/l | 17.2 | 3000 | |
| Sr | 88 | 115 | He | 0.103 | ug/l | 138.9 | 5000 | |
| Mo | 95 | 115 | He | 0.343 | ug/l | 12.8 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 737.3 | 1000 | |
| Cd | 111 | 115 | He | 0.022 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 10.128 | ug/l | 1.6 | 2000 | |
| Sb | 121 | 115 | He | -0.035 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.040 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.010 | ug/l | 39.1 | 1000 | |
| [Pb] | 206 | 209 | He | 0.053 | ug/l | 20.5 | | |
| [Pb] | 207 | 209 | He | 0.053 | ug/l | 48.5 | | |
| Pb | 208 | 209 | He | 0.043 | ug/l | 12.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3838458.10 | 5.5 | 103.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5941233.31 | 4.2 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1780723.34 | 2.3 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43385.96 | 1.1 | 102.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374599.96 | 0.9 | 106.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30273.91 | 2.1 | 106.2 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65068.17 | 1.2 | 104.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 390988.58 | 0.7 | 102.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 321723.23 | 0.6 | 101.2 | 70 | 140 | |

# Sample Report

**File Name** 098SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:32:59

**Sample Name** **LCSSRM 460-1020444/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3302

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 425.932 | ug/l | 2.1 | 2000 | |
| B | 11 | 6 | No Gas | 441.078 | ug/l | 4.9 | 2000 | |
| Na | 23 | 45 | He | 1264.387 | ug/l | 3.4 | 500000 | |
| Mg | 24 | 45 | He | 4950.187 | ug/l | 2.3 | 500000 | |
| Al | 27 | 45 | He | 16320.590 | ug/l | 1.9 | 500000 | |
| K | 39 | 45 | He | 5722.466 | ug/l | 2.1 | 500000 | |
| Ca | 40 | 45 | H2 | 13912.537 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 405.991 | ug/l | 3.3 | 10000 | |
| V | 51 | 45 | He | 468.716 | ug/l | 1.8 | 5000 | |
| Cr | 52 | 45 | He | 600.342 | ug/l | 2.4 | 20000 | |
| Mn | 55 | 45 | He | 761.441 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | 17768.306 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 385.900 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 836.983 | ug/l | 2.3 | 20000 | |
| Cu | 63 | 45 | He | 553.313 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 673.490 | ug/l | 2.9 | 20000 | |
| As | 75 | 45 | He | 691.999 | ug/l | 3.0 | 5000 | |
| Se | 78 | 45 | H2 | 737.608 | ug/l | 2.9 | 3000 | |
| Sr | 88 | 115 | He | 257.777 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 252.695 | ug/l | 1.0 | 2000 | |
| Ag | 107 | 115 | He | 202.475 | ug/l | 0.2 | 1000 | |
| Cd | 111 | 115 | He | 230.536 | ug/l | 1.3 | 5000 | |
| Sn | 118 | 115 | He | 233.381 | ug/l | 0.8 | 2000 | |
| Sb | 121 | 115 | He | 230.290 | ug/l | 0.7 | 1000 | |
| Ba | 137 | 159 | He | 865.304 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 317.079 | ug/l | 0.9 | 1000 | |
| [Pb] | 206 | 209 | He | 545.148 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 520.287 | ug/l | 0.6 | | |
| Pb | 208 | 209 | He | 531.667 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3816129.56 | 3.2 | 102.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5844851.58 | 1.7 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1775478.60 | 2.3 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41785.46 | 2.0 | 99.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370015.20 | 0.8 | 104.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29815.10 | 1.0 | 104.6 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63232.70 | 0.7 | 101.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 389444.46 | 0.4 | 102.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 318423.94 | 1.0 | 100.1 | 70 | 140 | |

# Sample Report

**File Name** 099SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:35:32

**Sample Name** **PDS 460-319928-E-1-K**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3303

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 27.984 | ug/l | 5.4 | 2000 | |
| B | 11 | 6 | No Gas | 518.000 | ug/l | 5.8 | 2000 | |
| Na | 23 | 45 | He | 3542.166 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 22535.367 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 43478.146 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 8092.302 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 65761.595 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 2672.120 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 173.115 | ug/l | 0.4 | 5000 | |
| Cr | 52 | 45 | He | 121.608 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 2278.010 | ug/l | 1.8 | 20000 | |
| Fe | 56 | 45 | H2 | 108751.159 | ug/l | 1.8 | 500000 | |
| Co | 59 | 45 | He | 61.413 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 162.179 | ug/l | 2.9 | 20000 | |
| Cu | 63 | 45 | He | 345.194 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 800.588 | ug/l | 1.9 | 20000 | |
| As | 75 | 45 | He | 84.754 | ug/l | 2.7 | 5000 | |
| Se | 78 | 45 | H2 | 50.742 | ug/l | 6.4 | 3000 | |
| Sr | 88 | 115 | He | 240.796 | ug/l | 2.0 | 5000 | |
| Mo | 95 | 115 | He | 51.610 | ug/l | 0.4 | 2000 | |
| Ag | 107 | 115 | He | 25.312 | ug/l | 1.8 | 1000 | |
| Cd | 111 | 115 | He | 23.053 | ug/l | 7.8 | 5000 | |
| Sn | 118 | 115 | He | 112.334 | ug/l | 1.0 | 2000 | |
| Sb | 121 | 115 | He | 23.564 | ug/l | 3.4 | 1000 | |
| Ba | 137 | 159 | He | 390.069 | ug/l | 1.4 | 20000 | |
| Tl | 205 | 209 | He | 18.980 | ug/l | 1.2 | 1000 | |
| [Pb] | 206 | 209 | He | 896.152 | ug/l | 0.2 | | |
| [Pb] | 207 | 209 | He | 852.402 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 883.603 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3719071.13 | 4.9 | 99.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5804613.39 | 3.8 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1763530.67 | 1.3 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43569.75 | 1.4 | 103.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368105.10 | 0.1 | 104.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30443.08 | 0.6 | 106.8 | 70 | 140 | |
| Kr | 83 | He | 46.71 | 75.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63379.33 | 1.4 | 101.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 400450.66 | 1.0 | 105.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 317938.53 | 1.3 | 100.0 | 70 | 140 | |

# Sample Report

**File Name** 100SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:38:05

**Sample Name** **460-319928-E-1-N MSD**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3304

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 47.743 | ug/l | 4.5 | 2000 | |
| B | 11 | 6 | No Gas | 881.864 | ug/l | 6.0 | 2000 | |
| Na | 23 | 45 | He | 5491.742 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 26079.412 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 52016.120 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 12367.093 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 58849.792 | ug/l | 1.2 | 1000000 | |
| Ti | 47 | 45 | He | 3176.197 | ug/l | 1.9 | 10000 | |
| V | 51 | 45 | He | 234.786 | ug/l | 2.5 | 5000 | |
| Cr | 52 | 45 | He | 182.604 | ug/l | 1.9 | 20000 | |
| Mn | 55 | 45 | He | 2492.056 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 115137.976 | ug/l | 1.2 | 500000 | |
| Co | 59 | 45 | He | 77.964 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 204.309 | ug/l | 1.3 | 20000 | |
| Cu | 63 | 45 | He | 542.276 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 1073.219 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 127.653 | ug/l | 1.0 | 5000 | |
| Se | 78 | 45 | H2 | 85.025 | ug/l | 5.2 | 3000 | |
| Sr | 88 | 115 | He | 266.497 | ug/l | 1.3 | 5000 | |
| Mo | 95 | 115 | He | 85.230 | ug/l | 0.7 | 2000 | |
| Ag | 107 | 115 | He | 40.911 | ug/l | 0.3 | 1000 | |
| Cd | 111 | 115 | He | 40.443 | ug/l | 1.1 | 5000 | |
| Sn | 118 | 115 | He | 139.688 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 20.185 | ug/l | 2.2 | 1000 | |
| Ba | 137 | 159 | He | 461.063 | ug/l | 0.6 | 20000 | |
| Tl | 205 | 209 | He | 33.540 | ug/l | 0.7 | 1000 | |
| [Pb] | 206 | 209 | He | 1008.569 | ug/l | 0.2 | | |
| [Pb] | 207 | 209 | He | 953.432 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 981.119 | ug/l | 0.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3693328.21 | 5.7 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5825609.77 | 3.3 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1795178.65 | 1.8 | 104.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43994.63 | 0.7 | 104.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378488.91 | 1.5 | 107.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30795.02 | 1.1 | 108.0 | 70 | 140 | |
| Kr | 83 | He | 53.39 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63932.77 | 0.5 | 102.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 403996.11 | 0.3 | 105.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 317044.55 | 0.6 | 99.7 | 70 | 140 | |

# Sample Report

**File Name** 101SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:40:39

**Sample Name** **460-319928-E-1-M MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3305

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 47.130 | ug/l | 2.9 | 2000 | |
| B | 11 | 6 | No Gas | 921.077 | ug/l | 5.3 | 2000 | |
| Na | 23 | 45 | He | 5563.459 | ug/l | 0.4 | 500000 | |
| Mg | 24 | 45 | He | 30308.995 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 55270.332 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 11178.350 | ug/l | 2.0 | 500000 | |
| Ca | 40 | 45 | H2 | 96277.140 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 3589.418 | ug/l | 2.0 | 10000 | |
| V | 51 | 45 | He | 227.760 | ug/l | 0.6 | 5000 | |
| Cr | 52 | 45 | He | 170.641 | ug/l | 1.2 | 20000 | |
| Mn | 55 | 45 | He | 2911.238 | ug/l | 1.9 | 20000 | |
| Fe | 56 | 45 | H2 | 126678.190 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 80.901 | ug/l | 1.3 | 2000 | |
| Ni | 60 | 45 | He | 203.576 | ug/l | 1.4 | 20000 | |
| Cu | 63 | 45 | He | 435.667 | ug/l | 0.1 | 20000 | |
| Zn | 66 | 45 | He | 1055.100 | ug/l | 0.8 | 20000 | |
| As | 75 | 45 | He | 128.761 | ug/l | 1.5 | 5000 | |
| Se | 78 | 45 | H2 | 85.401 | ug/l | 3.5 | 3000 | |
| Sr | 88 | 115 | He | 377.673 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 87.978 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 41.189 | ug/l | 1.8 | 1000 | |
| Cd | 111 | 115 | He | 42.085 | ug/l | 2.4 | 5000 | |
| Sn | 118 | 115 | He | 138.925 | ug/l | 2.0 | 2000 | |
| Sb | 121 | 115 | He | 20.791 | ug/l | 3.8 | 1000 | |
| Ba | 137 | 159 | He | 489.668 | ug/l | 1.8 | 20000 | |
| Tl | 205 | 209 | He | 33.841 | ug/l | 1.1 | 1000 | |
| [Pb] | 206 | 209 | He | 984.055 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 935.515 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 966.034 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3655799.18 | 3.5 | 98.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5988180.26 | 2.6 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1766066.81 | 2.4 | 103.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44227.55 | 0.2 | 104.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370606.42 | 0.9 | 105.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30888.54 | 1.3 | 108.3 | 70 | 140 | |
| Kr | 83 | He | 66.73 | 56.8 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64155.74 | 1.0 | 102.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 405257.90 | 1.0 | 106.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 316667.21 | 0.4 | 99.6 | 70 | 140 | |

# Sample Report

**File Name** 102SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:43:12

**Sample Name** **460-319928-E-1-L DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3306

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4.829 | ug/l | 1.7 | 2000 | |
| B | 11 | 6 | No Gas | 43.992 | ug/l | 5.4 | 2000 | |
| Na | 23 | 45 | He | 1488.794 | ug/l | 2.7 | 500000 | |
| Mg | 24 | 45 | He | 18881.161 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 42217.700 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 6122.746 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 64124.753 | ug/l | 0.6 | 1000000 | |
| Ti | 47 | 45 | He | 2251.351 | ug/l | 1.6 | 10000 | |
| V | 51 | 45 | He | 126.947 | ug/l | 1.5 | 5000 | |
| Cr | 52 | 45 | He | 78.545 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 2134.261 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 107248.179 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 38.100 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 120.045 | ug/l | 2.4 | 20000 | |
| Cu | 63 | 45 | He | 366.632 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 587.715 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | 46.115 | ug/l | 2.0 | 5000 | |
| Se | 78 | 45 | H2 | 3.893 | ug/l | 16.4 | 3000 | |
| Sr | 88 | 115 | He | 228.573 | ug/l | 0.3 | 5000 | |
| Mo | 95 | 115 | He | 4.986 | ug/l | 3.2 | 2000 | |
| Ag | 107 | 115 | He | 0.757 | ug/l | 8.1 | 1000 | |
| Cd | 111 | 115 | He | 1.185 | ug/l | 21.5 | 5000 | |
| Sn | 118 | 115 | He | 63.576 | ug/l | 2.0 | 2000 | |
| Sb | 121 | 115 | He | 1.637 | ug/l | 18.4 | 1000 | |
| Ba | 137 | 159 | He | 392.064 | ug/l | 2.6 | 20000 | |
| Tl | 205 | 209 | He | 0.625 | ug/l | 2.7 | 1000 | |
| [Pb] | 206 | 209 | He | 921.258 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 872.492 | ug/l | 0.6 | | |
| Pb | 208 | 209 | He | 900.731 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3567941.58 | 1.7 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5854724.15 | 1.7 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1771706.73 | 0.8 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44488.43 | 1.1 | 105.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372892.62 | 0.6 | 105.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30823.91 | 0.4 | 108.1 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 66.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64299.06 | 0.6 | 103.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 403652.66 | 0.4 | 105.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 318896.05 | 0.4 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 103SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:45:46

**Sample Name** **460-319928-E-1-K**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3307

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 5.133 | ug/l | 7.5 | 2000 | |
| B | 11 | 6 | No Gas | 31.297 | ug/l | 7.0 | 2000 | |
| Na | 23 | 45 | He | 1122.565 | ug/l | 2.5 | 500000 | |
| Mg | 24 | 45 | He | 20261.700 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 40704.550 | ug/l | 0.9 | 500000 | |
| K | 39 | 45 | He | 5763.501 | ug/l | 2.9 | 500000 | |
| Ca | 40 | 45 | H2 | 63482.957 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 2620.025 | ug/l | 1.4 | 10000 | |
| V | 51 | 45 | He | 128.516 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 76.271 | ug/l | 2.1 | 20000 | |
| Mn | 55 | 45 | He | 2056.675 | ug/l | 2.4 | 20000 | |
| Fe | 56 | 45 | H2 | 105253.267 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 37.693 | ug/l | 1.6 | 2000 | |
| Ni | 60 | 45 | He | 115.740 | ug/l | 3.0 | 20000 | |
| Cu | 63 | 45 | He | 300.080 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 575.275 | ug/l | 2.0 | 20000 | |
| As | 75 | 45 | He | 36.395 | ug/l | 3.9 | 5000 | |
| Se | 78 | 45 | H2 | 3.387 | ug/l | 11.1 | 3000 | |
| Sr | 88 | 115 | He | 199.495 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 5.090 | ug/l | 7.2 | 2000 | |
| Ag | 107 | 115 | He | 0.722 | ug/l | 10.2 | 1000 | |
| Cd | 111 | 115 | He | 0.963 | ug/l | 15.6 | 5000 | |
| Sn | 118 | 115 | He | 66.067 | ug/l | 2.5 | 2000 | |
| Sb | 121 | 115 | He | 1.396 | ug/l | 4.0 | 1000 | |
| Ba | 137 | 159 | He | 351.085 | ug/l | 3.2 | 20000 | |
| Tl | 205 | 209 | He | 0.558 | ug/l | 2.8 | 1000 | |
| [Pb] | 206 | 209 | He | 872.017 | ug/l | 0.8 | | |
| [Pb] | 207 | 209 | He | 829.282 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 856.847 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3729141.47 | 4.3 | 100.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6053088.94 | 2.4 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1799848.65 | 1.5 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44762.61 | 1.1 | 106.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374199.18 | 0.7 | 106.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31050.08 | 1.5 | 108.9 | 70 | 140 | |
| Kr | 83 | He | 50.05 | 72.1 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64740.17 | 1.2 | 103.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 404460.36 | 1.1 | 106.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 321553.31 | 0.5 | 101.1 | 70 | 140 | |

# Sample Report

**File Name** 104SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:48:18

**Sample Name** **SD 460-319928-E-1-K@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3308

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.083 | ug/l | 2.8 | 2000 | |
| B | 11 | 6 | No Gas | 9.693 | ug/l | 3.4 | 2000 | |
| Na | 23 | 45 | He | 262.522 | ug/l | 3.9 | 500000 | |
| Mg | 24 | 45 | He | 4142.432 | ug/l | 2.5 | 500000 | |
| Al | 27 | 45 | He | 8257.398 | ug/l | 2.0 | 500000 | |
| K | 39 | 45 | He | 1166.259 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 12797.175 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 532.620 | ug/l | 3.7 | 10000 | |
| V | 51 | 45 | He | 26.286 | ug/l | 3.8 | 5000 | |
| Cr | 52 | 45 | He | 14.886 | ug/l | 4.2 | 20000 | |
| Mn | 55 | 45 | He | 419.986 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 21816.645 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 7.655 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 23.263 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 62.312 | ug/l | 2.6 | 20000 | |
| Zn | 66 | 45 | He | 118.419 | ug/l | 5.0 | 20000 | |
| As | 75 | 45 | He | 6.895 | ug/l | 8.0 | 5000 | |
| Se | 78 | 45 | H2 | 0.747 | ug/l | 35.7 | 3000 | |
| Sr | 88 | 115 | He | 39.339 | ug/l | 2.2 | 5000 | |
| Mo | 95 | 115 | He | 1.172 | ug/l | 2.3 | 2000 | |
| Ag | 107 | 115 | He | 0.143 | ug/l | 8.2 | 1000 | |
| Cd | 111 | 115 | He | 0.211 | ug/l | 30.2 | 5000 | |
| Sn | 118 | 115 | He | 12.633 | ug/l | 9.4 | 2000 | |
| Sb | 121 | 115 | He | 0.186 | ug/l | 13.9 | 1000 | |
| Ba | 137 | 159 | He | 71.889 | ug/l | 3.5 | 20000 | |
| Tl | 205 | 209 | He | 0.110 | ug/l | 17.3 | 1000 | |
| [Pb] | 206 | 209 | He | 170.151 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 164.128 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 166.362 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3572398.10 | 2.2 | 95.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5840422.27 | 1.9 | 102.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1747336.64 | 1.1 | 102.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43785.03 | 1.6 | 103.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368925.16 | 1.5 | 104.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30295.03 | 0.8 | 106.2 | 70 | 140 | |
| Kr | 83 | He | 10.01 | NaN | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65531.10 | 0.9 | 105.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 392674.16 | 1.8 | 102.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 327018.63 | 0.5 | 102.8 | 70 | 140 | |

# Sample Report

**File Name** 105SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:50:52

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 2.959 | ug/l | 3.8 | 2000 | |
| Na | 23 | 45 | He | 47.164 | ug/l | 21.6 | 500000 | |
| Mg | 24 | 45 | He | 2.837 | ug/l | 25.9 | 500000 | |
| Al | 27 | 45 | He | 1.370 | ug/l | 238.7 | 500000 | |
| K | 39 | 45 | He | 9.188 | ug/l | 151.0 | 500000 | |
| Ca | 40 | 45 | H2 | 5.146 | ug/l | 4.3 | 1000000 | |
| Ti | 47 | 45 | He | 0.298 | ug/l | 124.7 | 10000 | |
| V | 51 | 45 | He | 0.029 | ug/l | 205.9 | 5000 | |
| Cr | 52 | 45 | He | 0.247 | ug/l | 118.4 | 20000 | |
| Mn | 55 | 45 | He | 0.099 | ug/l | 184.3 | 20000 | |
| Fe | 56 | 45 | H2 | 3.050 | ug/l | 3.2 | 500000 | |
| Co | 59 | 45 | He | -0.006 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.054 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.022 | ug/l | 333.0 | 20000 | |
| Zn | 66 | 45 | He | -1.435 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.679 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.236 | ug/l | 24.0 | 3000 | |
| Sr | 88 | 115 | He | 0.019 | ug/l | 400.5 | 5000 | |
| Mo | 95 | 115 | He | 0.190 | ug/l | 31.6 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 94.1 | 1000 | |
| Cd | 111 | 115 | He | 0.022 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.106 | ug/l | 122.4 | 2000 | |
| Sb | 121 | 115 | He | 0.003 | ug/l | 816.5 | 1000 | |
| Ba | 137 | 159 | He | 0.033 | ug/l | 346.8 | 20000 | |
| Tl | 205 | 209 | He | 0.008 | ug/l | 59.3 | 1000 | |
| [Pb] | 206 | 209 | He | 0.050 | ug/l | 48.3 | | |
| [Pb] | 207 | 209 | He | 0.021 | ug/l | 34.6 | | |
| Pb | 208 | 209 | He | 0.044 | ug/l | 25.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3696304.95 | 3.0 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5837373.39 | 2.5 | 102.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1737457.87 | 1.4 | 101.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43585.53 | 2.3 | 103.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 348114.78 | 0.6 | 98.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 28806.21 | 1.0 | 101.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63952.64 | 0.5 | 102.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 390435.35 | 1.3 | 102.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 321262.76 | 0.7 | 101.0 | 70 | 140 | |

# Sample Report

**File Name** 106SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:53:26

**Sample Name** **460-319928-E-2-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3309

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 6.111 | ug/l | 4.2 | 2000 | |
| B | 11 | 6 | No Gas | 27.424 | ug/l | 2.5 | 2000 | |
| Na | 23 | 45 | He | 1263.199 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 19788.380 | ug/l | 0.4 | 500000 | |
| Al | 27 | 45 | He | 43728.437 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 6391.780 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 61414.961 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 2653.875 | ug/l | 0.6 | 10000 | |
| V | 51 | 45 | He | 131.983 | ug/l | 1.0 | 5000 | |
| Cr | 52 | 45 | He | 77.045 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 2131.175 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 116797.576 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 37.309 | ug/l | 2.3 | 2000 | |
| Ni | 60 | 45 | He | 108.542 | ug/l | 2.7 | 20000 | |
| Cu | 63 | 45 | He | 303.108 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 601.254 | ug/l | 0.6 | 20000 | |
| As | 75 | 45 | He | 38.488 | ug/l | 3.4 | 5000 | |
| Se | 78 | 45 | H2 | 4.416 | ug/l | 7.2 | 3000 | |
| Sr | 88 | 115 | He | 212.277 | ug/l | 1.8 | 5000 | |
| Mo | 95 | 115 | He | 4.229 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 0.772 | ug/l | 2.1 | 1000 | |
| Cd | 111 | 115 | He | 0.867 | ug/l | 17.5 | 5000 | |
| Sn | 118 | 115 | He | 61.751 | ug/l | 0.8 | 2000 | |
| Sb | 121 | 115 | He | 1.309 | ug/l | 2.4 | 1000 | |
| Ba | 137 | 159 | He | 376.941 | ug/l | 0.3 | 20000 | |
| Tl | 205 | 209 | He | 0.566 | ug/l | 2.6 | 1000 | |
| [Pb] | 206 | 209 | He | 887.571 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 841.743 | ug/l | 1.9 | | |
| Pb | 208 | 209 | He | 873.876 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3774714.04 | 1.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5977818.73 | 0.7 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1783087.04 | 0.9 | 104.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44080.31 | 1.4 | 104.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 365495.51 | 1.6 | 103.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30649.11 | 2.4 | 107.5 | 70 | 140 | |
| Kr | 83 | He | 60.06 | 50.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63000.10 | 0.6 | 101.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 400602.95 | 0.4 | 105.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 316120.96 | 0.3 | 99.4 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 107_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:55:58

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 102.282 | ug/l | 4.3 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 259.425 | ug/l | 6.9 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24732.245 | ug/l | 3.3 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24775.995 | ug/l | 1.4 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24957.108 | ug/l | 1.3 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25491.518 | ug/l | 2.3 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24905.723 | ug/l | 2.7 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 100.707 | ug/l | 2.6 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 99.489 | ug/l | 2.0 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 98.710 | ug/l | 3.0 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.559 | ug/l | 2.7 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25030.142 | ug/l | 3.0 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 99.482 | ug/l | 2.5 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 99.796 | ug/l | 3.6 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 99.255 | ug/l | 2.2 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 245.325 | ug/l | 2.4 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 97.389 | ug/l | 1.6 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 99.911 | ug/l | 3.3 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 100.307 | ug/l | 0.5 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 97.645 | ug/l | 1.4 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.789 | ug/l | 0.7 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 99.460 | ug/l | 0.7 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 95.319 | ug/l | 1.9 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.811 | ug/l | 0.8 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 98.767 | ug/l | 1.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.494 | ug/l | 1.7 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.286 | ug/l | 1.2 | | | | |
| [Pb] | 207 | 209 | He | 98.652 | ug/l | 1.0 | | | | |
| Pb | 208 | 209 | He | 98.759 | ug/l | 0.7 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3615057.34 | 5.5 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5819332.27 | 3.4 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1740238.31 | 2.4 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42505.49 | 2.1 | 100.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364545.65 | 0.5 | 103.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29649.21 | 0.5 | 104.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 62799.41 | 0.4 | 100.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 385978.19 | 1.3 | 101.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 311700.46 | 1.1 | 98.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 108_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 00:58:29

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.011 | ug/l | 46.3 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.917 | ug/l | 17.2 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 33.853 | ug/l | 20.0 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 3.195 | ug/l | 24.5 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 2.788 | ug/l | 69.2 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 11.492 | ug/l | 45.2 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 3.338 | ug/l | 26.5 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.241 | ug/l | 50.5 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.042 | ug/l | 154.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.044 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.191 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 3.119 | ug/l | 9.3 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.008 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.016 | ug/l | 340.1 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.053 | ug/l | 88.2 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.336 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.774 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.348 | ug/l | 25.6 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.027 | ug/l | 370.0 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.172 | ug/l | 32.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 161.6 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.032 | ug/l | 100.1 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.053 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.037 | ug/l | 256.8 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.005 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.023 | ug/l | 12.4 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.047 | ug/l | 52.4 | | | | |
| [Pb] | 207 | 209 | He | 0.028 | ug/l | 69.1 | | | | |
| Pb | 208 | 209 | He | 0.045 | ug/l | 6.2 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3799190.29 | 5.4 | 102.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6032085.54 | 2.3 | 105.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1776707.18 | 2.5 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43490.80 | 1.4 | 103.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 350888.02 | 0.8 | 99.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 28849.66 | 0.8 | 101.2 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 65445.10 | 0.6 | 105.0 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 393825.23 | 0.5 | 103.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 324250.06 | 1.1 | 101.9 | 70 | 140 | |

# Sample Report

**File Name** 109SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:01:04

**Sample Name** **460-319928-E-3-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3310

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4.269 | ug/l | 1.0 | 2000 | |
| B | 11 | 6 | No Gas | 35.602 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 1995.591 | ug/l | 3.1 | 500000 | |
| Mg | 24 | 45 | He | 20175.639 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 103586.336 | ug/l | 2.1 | 500000 | |
| K | 39 | 45 | He | 7529.968 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 38217.769 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 1699.777 | ug/l | 1.5 | 10000 | |
| V | 51 | 45 | He | 197.114 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 134.112 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 1802.963 | ug/l | 1.9 | 20000 | |
| Fe | 56 | 45 | H2 | 124103.855 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 57.526 | ug/l | 2.2 | 2000 | |
| Ni | 60 | 45 | He | 155.151 | ug/l | 3.0 | 20000 | |
| Cu | 63 | 45 | He | 154.632 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 579.178 | ug/l | 2.4 | 20000 | |
| As | 75 | 45 | He | 40.157 | ug/l | 3.5 | 5000 | |
| Se | 78 | 45 | H2 | 4.417 | ug/l | 3.7 | 3000 | |
| Sr | 88 | 115 | He | 224.994 | ug/l | 3.0 | 5000 | |
| Mo | 95 | 115 | He | 9.991 | ug/l | 9.3 | 2000 | |
| Ag | 107 | 115 | He | 0.538 | ug/l | 12.9 | 1000 | |
| Cd | 111 | 115 | He | 0.802 | ug/l | 17.9 | 5000 | |
| Sn | 118 | 115 | He | 32.687 | ug/l | 1.8 | 2000 | |
| Sb | 121 | 115 | He | 1.219 | ug/l | 11.4 | 1000 | |
| Ba | 137 | 159 | He | 501.497 | ug/l | 3.1 | 20000 | |
| Tl | 205 | 209 | He | 0.962 | ug/l | 3.7 | 1000 | |
| [Pb] | 206 | 209 | He | 643.376 | ug/l | 1.0 | | |
| [Pb] | 207 | 209 | He | 609.311 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 631.099 | ug/l | 0.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3824777.69 | 3.7 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6120025.60 | 3.9 | 107.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1819519.97 | 1.5 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44197.53 | 2.4 | 104.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370620.16 | 0.3 | 105.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31394.20 | 2.0 | 110.1 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 99.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63965.18 | 1.1 | 102.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 398744.99 | 1.5 | 104.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 317293.67 | 0.9 | 99.8 | 70 | 140 | |

# Sample Report

**File Name** 110SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:03:37

**Sample Name** **460-319928-G-4-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3311

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 2.069 | ug/l | 8.5 | 2000 | |
| B | 11 | 6 | No Gas | 23.571 | ug/l | 3.5 | 2000 | |
| Na | 23 | 45 | He | 2007.720 | ug/l | 0.4 | 500000 | |
| Mg | 24 | 45 | He | 14441.800 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 33976.983 | ug/l | 2.4 | 500000 | |
| K | 39 | 45 | He | 4709.952 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 124146.295 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | 1290.242 | ug/l | 0.8 | 10000 | |
| V | 51 | 45 | He | 99.371 | ug/l | 2.4 | 5000 | |
| Cr | 52 | 45 | He | 114.401 | ug/l | 0.5 | 20000 | |
| Mn | 55 | 45 | He | 1472.799 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 85757.379 | ug/l | 1.9 | 500000 | |
| Co | 59 | 45 | He | 32.615 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 122.132 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 198.262 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 763.449 | ug/l | 0.4 | 20000 | |
| As | 75 | 45 | He | 88.115 | ug/l | 6.1 | 5000 | |
| Se | 78 | 45 | H2 | 6.013 | ug/l | 5.8 | 3000 | |
| Sr | 88 | 115 | He | 375.885 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 15.072 | ug/l | 3.5 | 2000 | |
| Ag | 107 | 115 | He | 1.247 | ug/l | 2.9 | 1000 | |
| Cd | 111 | 115 | He | 0.964 | ug/l | 30.6 | 5000 | |
| Sn | 118 | 115 | He | 1597.257 | ug/l | 2.2 | 2000 | |
| Sb | 121 | 115 | He | 5.433 | ug/l | 10.9 | 1000 | |
| Ba | 137 | 159 | He | 492.977 | ug/l | 1.9 | 20000 | |
| Tl | 205 | 209 | He | 0.529 | ug/l | 4.8 | 1000 | |
| [Pb] | 206 | 209 | He | 1649.718 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | 1583.700 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 1632.260 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3669427.79 | 5.9 | 98.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6091306.71 | 4.7 | 106.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1783834.26 | 2.0 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43836.25 | 0.5 | 103.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375225.91 | 0.7 | 106.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30907.47 | 0.9 | 108.4 | 70 | 140 | |
| Kr | 83 | He | 26.69 | 57.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63271.28 | 1.3 | 101.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 397300.48 | 0.7 | 104.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 319016.06 | 0.1 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 111SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:06:10

**Sample Name** **460-319928-E-5-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3312

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 3.110 | ug/l | 5.8 | 2000 | |
| B | 11 | 6 | No Gas | 41.348 | ug/l | 1.3 | 2000 | |
| Na | 23 | 45 | He | 2313.489 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 15209.829 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 62070.284 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 5858.429 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 1037215.032 | ug/l | 3.0 | 1000000 | >LDR 6020B□>LDR 200.8 |
| Ti | 47 | 45 | He | 1657.770 | ug/l | 1.3 | 10000 | |
| V | 51 | 45 | He | 124.415 | ug/l | 1.4 | 5000 | |
| Cr | 52 | 45 | He | 82.803 | ug/l | 1.8 | 20000 | |
| Mn | 55 | 45 | He | 987.827 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | 72927.581 | ug/l | 2.6 | 500000 | |
| Co | 59 | 45 | He | 30.538 | ug/l | 0.6 | 2000 | |
| Ni | 60 | 45 | He | 80.055 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 87.088 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 522.491 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 31.485 | ug/l | 1.9 | 5000 | |
| Se | 78 | 45 | H2 | 4.231 | ug/l | 3.1 | 3000 | |
| Sr | 88 | 115 | He | 2263.820 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 4.047 | ug/l | 1.1 | 2000 | |
| Ag | 107 | 115 | He | 0.603 | ug/l | 5.9 | 1000 | |
| Cd | 111 | 115 | He | 0.376 | ug/l | 17.4 | 5000 | |
| Sn | 118 | 115 | He | 43.689 | ug/l | 3.0 | 2000 | |
| Sb | 121 | 115 | He | 0.775 | ug/l | 7.8 | 1000 | |
| Ba | 137 | 159 | He | 443.002 | ug/l | 1.8 | 20000 | |
| Tl | 205 | 209 | He | 0.523 | ug/l | 2.1 | 1000 | |
| [Pb] | 206 | 209 | He | 1357.354 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 1274.155 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 1324.701 | ug/l | 1.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3585951.86 | 1.6 | 96.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5844671.79 | 1.6 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1785565.72 | 1.9 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45187.37 | 1.3 | 107.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359449.22 | 1.2 | 101.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29976.56 | 1.1 | 105.1 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64328.14 | 0.6 | 103.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 388338.83 | 0.3 | 101.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 302624.92 | 0.6 | 95.1 | 70 | 140 | |

# Sample Report

**File Name** 112SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:08:43

**Sample Name** **460-319928-E-6-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3401

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4.743 | ug/l | 8.9 | 2000 | |
| B | 11 | 6 | No Gas | 27.380 | ug/l | 4.6 | 2000 | |
| Na | 23 | 45 | He | 3845.109 | ug/l | 0.5 | 500000 | |
| Mg | 24 | 45 | He | 28724.444 | ug/l | 0.6 | 500000 | |
| Al | 27 | 45 | He | 50921.304 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 6697.519 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 57457.067 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 3514.937 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 181.515 | ug/l | 1.8 | 5000 | |
| Cr | 52 | 45 | He | 104.825 | ug/l | 1.7 | 20000 | |
| Mn | 55 | 45 | He | 2141.115 | ug/l | 0.1 | 20000 | |
| Fe | 56 | 45 | H2 | 135922.510 | ug/l | 1.4 | 500000 | |
| Co | 59 | 45 | He | 53.176 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 148.641 | ug/l | 0.8 | 20000 | |
| Cu | 63 | 45 | He | 503.042 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 733.278 | ug/l | 2.4 | 20000 | |
| As | 75 | 45 | He | 42.164 | ug/l | 5.2 | 5000 | |
| Se | 78 | 45 | H2 | 3.934 | ug/l | 5.9 | 3000 | |
| Sr | 88 | 115 | He | 173.461 | ug/l | 1.8 | 5000 | |
| Mo | 95 | 115 | He | 5.091 | ug/l | 4.4 | 2000 | |
| Ag | 107 | 115 | He | 0.832 | ug/l | 2.4 | 1000 | |
| Cd | 111 | 115 | He | 1.347 | ug/l | 10.9 | 5000 | |
| Sn | 118 | 115 | He | 76.074 | ug/l | 0.8 | 2000 | |
| Sb | 121 | 115 | He | 1.722 | ug/l | 11.1 | 1000 | |
| Ba | 137 | 159 | He | 482.122 | ug/l | 1.2 | 20000 | |
| Tl | 205 | 209 | He | 0.582 | ug/l | 8.2 | 1000 | |
| [Pb] | 206 | 209 | He | 1334.429 | ug/l | 0.5 | | |
| [Pb] | 207 | 209 | He | 1279.352 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 1313.315 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4003083.86 | 4.2 | 107.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6304095.74 | 2.5 | 110.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1781355.58 | 1.0 | 104.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45294.41 | 0.2 | 107.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369813.93 | 0.6 | 104.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 31179.19 | 1.5 | 109.3 | 70 | 140 | |
| Kr | 83 | He | 50.05 | 60.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64676.67 | 1.0 | 103.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 407366.28 | 0.5 | 106.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 322797.26 | 0.2 | 101.5 | 70 | 140 | |

# Sample Report

**File Name** 113SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:11:17

**Sample Name** **460-319928-E-7-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3402

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4.037 | ug/l | 2.1 | 2000 | |
| B | 11 | 6 | No Gas | 39.497 | ug/l | 7.8 | 2000 | |
| Na | 23 | 45 | He | 3307.302 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 23579.910 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 70788.116 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 9652.762 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 122725.915 | ug/l | 2.3 | 1000000 | |
| Ti | 47 | 45 | He | 2529.749 | ug/l | 0.8 | 10000 | |
| V | 51 | 45 | He | 181.419 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 136.536 | ug/l | 0.9 | 20000 | |
| Mn | 55 | 45 | He | 2218.349 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 128613.284 | ug/l | 2.7 | 500000 | |
| Co | 59 | 45 | He | 51.697 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 197.118 | ug/l | 0.5 | 20000 | |
| Cu | 63 | 45 | He | 614.307 | ug/l | 0.7 | 20000 | |
| Zn | 66 | 45 | He | 1294.019 | ug/l | 1.6 | 20000 | |
| As | 75 | 45 | He | 70.845 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 7.942 | ug/l | 5.2 | 3000 | |
| Sr | 88 | 115 | He | 495.784 | ug/l | 1.5 | 5000 | |
| Mo | 95 | 115 | He | 6.402 | ug/l | 9.3 | 2000 | |
| Ag | 107 | 115 | He | 1.935 | ug/l | 6.0 | 1000 | |
| Cd | 111 | 115 | He | 2.739 | ug/l | 21.5 | 5000 | |
| Sn | 118 | 115 | He | 163.596 | ug/l | 1.9 | 2000 | |
| Sb | 121 | 115 | He | 3.601 | ug/l | 6.0 | 1000 | |
| Ba | 137 | 159 | He | 860.749 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 1.408 | ug/l | 1.9 | 1000 | |
| [Pb] | 206 | 209 | He | 1870.115 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 1841.135 | ug/l | 2.3 | | |
| Pb | 208 | 209 | He | 1861.911 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3777270.50 | 4.0 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6061329.28 | 2.2 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1846886.01 | 2.3 | 107.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45530.70 | 0.4 | 107.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375309.46 | 0.4 | 106.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31385.25 | 0.7 | 110.1 | 70 | 140 | |
| Kr | 83 | He | 46.71 | 32.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64456.33 | 0.7 | 103.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 401674.35 | 0.7 | 105.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 322273.00 | 0.1 | 101.3 | 70 | 140 | |

# Sample Report

**File Name** 114SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:13:49

**Sample Name** **460-319928-E-8-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3403

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 3.177 | ug/l | 11.0 | 2000 | |
| B | 11 | 6 | No Gas | 44.835 | ug/l | 7.9 | 2000 | |
| Na | 23 | 45 | He | 3697.303 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 22509.453 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 52332.783 | ug/l | 1.6 | 500000 | |
| K | 39 | 45 | He | 7838.270 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 303654.343 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | 2267.614 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 172.461 | ug/l | 2.5 | 5000 | |
| Cr | 52 | 45 | He | 124.301 | ug/l | 1.0 | 20000 | |
| Mn | 55 | 45 | He | 3395.231 | ug/l | 1.7 | 20000 | |
| Fe | 56 | 45 | H2 | 136048.774 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 53.094 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 205.069 | ug/l | 0.8 | 20000 | |
| Cu | 63 | 45 | He | 329.722 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 1252.359 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 86.854 | ug/l | 1.8 | 5000 | |
| Se | 78 | 45 | H2 | 12.773 | ug/l | 9.8 | 3000 | |
| Sr | 88 | 115 | He | 1318.498 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 14.261 | ug/l | 4.4 | 2000 | |
| Ag | 107 | 115 | He | 21.234 | ug/l | 1.8 | 1000 | |
| Cd | 111 | 115 | He | 4.824 | ug/l | 3.9 | 5000 | |
| Sn | 118 | 115 | He | 2322.582 | ug/l | 1.8 | 2000 | >LDR 6020B□>LDR 200.8 |
| Sb | 121 | 115 | He | 7.202 | ug/l | 6.9 | 1000 | |
| Ba | 137 | 159 | He | 924.447 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.906 | ug/l | 1.5 | 1000 | |
| [Pb] | 206 | 209 | He | 1940.364 | ug/l | 2.7 | | |
| [Pb] | 207 | 209 | He | 1862.065 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 1903.330 | ug/l | 1.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3749022.97 | 6.6 | 100.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6165023.94 | 3.5 | 108.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1818068.69 | 1.6 | 106.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44956.46 | 1.6 | 106.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375701.02 | 0.7 | 106.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 31655.86 | 1.5 | 111.0 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 89.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63713.59 | 0.7 | 102.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 398134.48 | 1.0 | 104.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 316575.04 | 0.9 | 99.5 | 70 | 140 | |

# Sample Report

**File Name** 115SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:16:22

**Sample Name** **460-319928-E-9-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3404

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 6.089 | ug/l | 6.2 | 2000 | |
| B | 11 | 6 | No Gas | 145.568 | ug/l | 5.4 | 2000 | |
| Na | 23 | 45 | He | 8226.385 | ug/l | 2.1 | 500000 | |
| Mg | 24 | 45 | He | 45902.594 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 113382.234 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 25097.027 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 23136.091 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | 2220.595 | ug/l | 1.0 | 10000 | |
| V | 51 | 45 | He | 242.984 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 213.420 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 2417.952 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 232545.591 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 76.824 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 194.954 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 99.793 | ug/l | 1.4 | 20000 | |
| Zn | 66 | 45 | He | 514.219 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 67.963 | ug/l | 5.8 | 5000 | |
| Se | 78 | 45 | H2 | 2.888 | ug/l | 4.7 | 3000 | |
| Sr | 88 | 115 | He | 190.472 | ug/l | 2.1 | 5000 | |
| Mo | 95 | 115 | He | 18.836 | ug/l | 0.4 | 2000 | |
| Ag | 107 | 115 | He | 0.409 | ug/l | 2.3 | 1000 | |
| Cd | 111 | 115 | He | 1.562 | ug/l | 22.4 | 5000 | |
| Sn | 118 | 115 | He | 13.951 | ug/l | 3.0 | 2000 | |
| Sb | 121 | 115 | He | 0.261 | ug/l | 12.8 | 1000 | |
| Ba | 137 | 159 | He | 323.657 | ug/l | 2.4 | 20000 | |
| Tl | 205 | 209 | He | 1.305 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 109.133 | ug/l | 1.0 | | |
| [Pb] | 207 | 209 | He | 102.361 | ug/l | 1.1 | | |
| Pb | 208 | 209 | He | 105.634 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3714130.92 | 4.8 | 99.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6272967.96 | 3.9 | 110.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1884511.57 | 1.1 | 110.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46758.99 | 1.5 | 110.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380864.68 | 0.7 | 107.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31662.53 | 0.3 | 111.0 | 70 | 140 | |
| Kr | 83 | He | 66.73 | 56.8 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65967.50 | 0.6 | 105.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 413044.14 | 0.5 | 108.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 324484.92 | 0.4 | 102.0 | 70 | 140 | |

# Sample Report

**File Name** 116SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:18:54

**Sample Name** **460-319928-E-10-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3405

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4.834 | ug/l | 3.5 | 2000 | |
| B | 11 | 6 | No Gas | 32.919 | ug/l | 6.2 | 2000 | |
| Na | 23 | 45 | He | 1671.660 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 34013.822 | ug/l | 0.9 | 500000 | |
| Al | 27 | 45 | He | 51791.657 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 9253.750 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 64081.821 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 2927.994 | ug/l | 0.4 | 10000 | |
| V | 51 | 45 | He | 154.855 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 102.942 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 2324.852 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 125003.752 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 46.900 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 184.785 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 305.516 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 673.285 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 44.245 | ug/l | 8.5 | 5000 | |
| Se | 78 | 45 | H2 | 3.834 | ug/l | 6.0 | 3000 | |
| Sr | 88 | 115 | He | 189.458 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 4.707 | ug/l | 4.1 | 2000 | |
| Ag | 107 | 115 | He | 0.832 | ug/l | 2.9 | 1000 | |
| Cd | 111 | 115 | He | 0.920 | ug/l | 19.3 | 5000 | |
| Sn | 118 | 115 | He | 74.876 | ug/l | 2.7 | 2000 | |
| Sb | 121 | 115 | He | 1.900 | ug/l | 5.5 | 1000 | |
| Ba | 137 | 159 | He | 517.255 | ug/l | 1.2 | 20000 | |
| Tl | 205 | 209 | He | 0.707 | ug/l | 7.4 | 1000 | |
| [Pb] | 206 | 209 | He | 1079.614 | ug/l | 0.9 | | |
| [Pb] | 207 | 209 | He | 1027.593 | ug/l | 0.4 | | |
| Pb | 208 | 209 | He | 1056.957 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3812225.81 | 2.7 | 102.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6290239.70 | 0.7 | 110.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1821229.90 | 0.5 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46419.08 | 1.2 | 110.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 378853.55 | 0.9 | 107.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31430.98 | 0.5 | 110.2 | 70 | 140 | |
| Kr | 83 | He | 33.37 | 75.5 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66190.80 | 1.4 | 106.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 407252.94 | 0.6 | 106.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 324036.76 | 0.9 | 101.9 | 70 | 140 | |

# Sample Report

**File Name** 117SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:21:28

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.003 | ug/l | 150.6 | 2000 | |
| B | 11 | 6 | No Gas | 1.150 | ug/l | 30.2 | 2000 | |
| Na | 23 | 45 | He | 9.943 | ug/l | 52.0 | 500000 | |
| Mg | 24 | 45 | He | 3.041 | ug/l | 52.5 | 500000 | |
| Al | 27 | 45 | He | 2.387 | ug/l | 34.2 | 500000 | |
| K | 39 | 45 | He | 8.967 | ug/l | 38.2 | 500000 | |
| Ca | 40 | 45 | H2 | 6.519 | ug/l | 7.7 | 1000000 | |
| Ti | 47 | 45 | He | 0.099 | ug/l | 192.6 | 10000 | |
| V | 51 | 45 | He | 0.002 | ug/l | 312.9 | 5000 | |
| Cr | 52 | 45 | He | 0.132 | ug/l | 61.5 | 20000 | |
| Mn | 55 | 45 | He | 0.119 | ug/l | 35.6 | 20000 | |
| Fe | 56 | 45 | H2 | 7.130 | ug/l | 3.8 | 500000 | |
| Co | 59 | 45 | He | 0.010 | ug/l | 188.5 | 2000 | |
| Ni | 60 | 45 | He | 0.096 | ug/l | 199.8 | 20000 | |
| Cu | 63 | 45 | He | 0.057 | ug/l | 46.1 | 20000 | |
| Zn | 66 | 45 | He | -1.298 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.874 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.038 | ug/l | 60.3 | 3000 | |
| Sr | 88 | 115 | He | 0.089 | ug/l | 107.4 | 5000 | |
| Mo | 95 | 115 | He | 0.051 | ug/l | 56.3 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 44.5 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.287 | ug/l | 90.8 | 2000 | |
| Sb | 121 | 115 | He | -0.036 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.024 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 29.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.133 | ug/l | 41.3 | | |
| [Pb] | 207 | 209 | He | 0.167 | ug/l | 4.0 | | |
| Pb | 208 | 209 | He | 0.156 | ug/l | 15.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3768288.38 | 4.0 | 101.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6053261.58 | 2.6 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1750893.01 | 0.6 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44138.33 | 0.1 | 104.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 352852.52 | 0.7 | 99.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 29018.93 | 1.1 | 101.8 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65484.24 | 0.5 | 105.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 399672.56 | 0.8 | 104.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 324875.55 | 1.1 | 102.1 | 70 | 140 | |

# Sample Report

**File Name** 118SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:24:02

**Sample Name** **460-319928-E-11-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3406

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 3.676 | ug/l | 3.7 | 2000 | |
| B | 11 | 6 | No Gas | 33.472 | ug/l | 5.6 | 2000 | |
| Na | 23 | 45 | He | 1220.689 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 21527.615 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 86330.405 | ug/l | 0.7 | 500000 | |
| K | 39 | 45 | He | 8062.976 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 32887.384 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 2266.250 | ug/l | 0.5 | 10000 | |
| V | 51 | 45 | He | 201.837 | ug/l | 0.8 | 5000 | |
| Cr | 52 | 45 | He | 133.604 | ug/l | 1.6 | 20000 | |
| Mn | 55 | 45 | He | 1584.586 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 139717.980 | ug/l | 0.4 | 500000 | |
| Co | 59 | 45 | He | 53.346 | ug/l | 0.6 | 2000 | |
| Ni | 60 | 45 | He | 166.589 | ug/l | 1.6 | 20000 | |
| Cu | 63 | 45 | He | 180.029 | ug/l | 1.7 | 20000 | |
| Zn | 66 | 45 | He | 696.256 | ug/l | 1.6 | 20000 | |
| As | 75 | 45 | He | 54.872 | ug/l | 4.3 | 5000 | |
| Se | 78 | 45 | H2 | 3.932 | ug/l | 6.0 | 3000 | |
| Sr | 88 | 115 | He | 176.657 | ug/l | 2.3 | 5000 | |
| Mo | 95 | 115 | He | 6.405 | ug/l | 3.5 | 2000 | |
| Ag | 107 | 115 | He | 3.480 | ug/l | 5.1 | 1000 | |
| Cd | 111 | 115 | He | 0.919 | ug/l | 6.9 | 5000 | |
| Sn | 118 | 115 | He | 48.570 | ug/l | 3.0 | 2000 | |
| Sb | 121 | 115 | He | 1.436 | ug/l | 12.4 | 1000 | |
| Ba | 137 | 159 | He | 583.360 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 0.906 | ug/l | 4.3 | 1000 | |
| [Pb] | 206 | 209 | He | 1233.263 | ug/l | 0.3 | | |
| [Pb] | 207 | 209 | He | 1147.530 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 1209.187 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3857412.65 | 1.3 | 103.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6349820.18 | 0.8 | 111.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1840362.40 | 1.4 | 107.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46199.43 | 1.3 | 109.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374373.26 | 0.2 | 106.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30876.29 | 1.6 | 108.3 | 70 | 140 | |
| Kr | 83 | He | 40.04 | 25.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65508.27 | 0.9 | 105.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 398952.78 | 0.3 | 104.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 322243.16 | 0.8 | 101.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 119_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:26:35

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 101.976 | ug/l | 4.7 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 266.740 | ug/l | 2.2 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24478.445 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24348.258 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24810.906 | ug/l | 0.2 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25602.506 | ug/l | 0.5 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25088.178 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 98.894 | ug/l | 2.0 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 98.840 | ug/l | 1.1 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 98.534 | ug/l | 1.9 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.375 | ug/l | 1.8 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 25295.830 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 97.837 | ug/l | 2.2 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 99.770 | ug/l | 3.0 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 98.053 | ug/l | 0.7 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 243.806 | ug/l | 1.5 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 98.004 | ug/l | 2.8 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 98.735 | ug/l | 1.5 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.730 | ug/l | 1.4 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.928 | ug/l | 1.9 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.460 | ug/l | 0.5 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 96.339 | ug/l | 2.8 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 96.634 | ug/l | 2.3 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 97.415 | ug/l | 1.9 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.884 | ug/l | 2.2 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 96.352 | ug/l | 0.3 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.174 | ug/l | 1.0 | | | | |
| [Pb] | 207 | 209 | He | 98.678 | ug/l | 0.3 | | | | |
| Pb | 208 | 209 | He | 97.939 | ug/l | 0.9 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3602971.71 | 2.1 | 96.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5918223.80 | 0.3 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1778682.93 | 1.6 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44378.03 | 1.1 | 105.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369462.04 | 1.3 | 104.7 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30896.35 | 0.9 | 108.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |
| In-1 | 115 | He | 65628.40 | 0.7 | 105.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 398116.87 | 1.0 | 104.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 320669.93 | 0.7 | 100.8 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 120_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:29:06

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 507.3 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.223 | ug/l | 10.3 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -5.999 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 0.757 | ug/l | 37.5 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 3.909 | ug/l | 52.5 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 8.273 | ug/l | 164.7 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 2.910 | ug/l | 13.3 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.602 | ug/l | 67.6 | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.011 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.041 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.211 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.839 | ug/l | 13.9 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.004 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.026 | ug/l | 244.8 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.027 | ug/l | 144.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -0.742 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.875 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.282 | ug/l | 7.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.028 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.176 | ug/l | 21.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 227.8 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.048 | ug/l | 210.8 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.050 | ug/l | 18.2 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.004 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.030 | ug/l | 24.9 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.073 | ug/l | 23.2 | | | | |
| [Pb] | 207 | 209 | He | 0.088 | ug/l | 36.0 | | | | |
| Pb | 208 | 209 | He | 0.079 | ug/l | 8.9 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3647508.07 | 5.0 | 97.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5977876.09 | 1.3 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1778567.99 | 1.0 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44485.04 | 0.8 | 105.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 353797.60 | 1.4 | 100.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 29175.88 | 0.3 | 102.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 66473.03 | 1.3 | 106.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 392550.26 | 1.3 | 102.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 325578.57 | 0.5 | 102.4 | 70 | 140 | |

# Sample Report

**File Name** 121SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:31:41

**Sample Name** **460-319928-E-12-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3407

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 2.066 | ug/l | 7.0 | 2000 | |
| B | 11 | 6 | No Gas | 22.290 | ug/l | 5.2 | 2000 | |
| Na | 23 | 45 | He | 1512.136 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 27964.800 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 37582.666 | ug/l | 0.8 | 500000 | |
| K | 39 | 45 | He | 6853.136 | ug/l | 2.5 | 500000 | |
| Ca | 40 | 45 | H2 | 70301.843 | ug/l | 2.3 | 1000000 | |
| Ti | 47 | 45 | He | 1869.235 | ug/l | 1.2 | 10000 | |
| V | 51 | 45 | He | 135.227 | ug/l | 1.4 | 5000 | |
| Cr | 52 | 45 | He | 73.330 | ug/l | 0.9 | 20000 | |
| Mn | 55 | 45 | He | 2111.221 | ug/l | 1.9 | 20000 | |
| Fe | 56 | 45 | H2 | 98522.884 | ug/l | 2.2 | 500000 | |
| Co | 59 | 45 | He | 37.155 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 114.778 | ug/l | 0.4 | 20000 | |
| Cu | 63 | 45 | He | 121.763 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 300.168 | ug/l | 2.7 | 20000 | |
| As | 75 | 45 | He | 29.621 | ug/l | 9.3 | 5000 | |
| Se | 78 | 45 | H2 | 2.369 | ug/l | 6.8 | 3000 | |
| Sr | 88 | 115 | He | 244.445 | ug/l | 0.6 | 5000 | |
| Mo | 95 | 115 | He | 3.468 | ug/l | 1.3 | 2000 | |
| Ag | 107 | 115 | He | 0.379 | ug/l | 5.5 | 1000 | |
| Cd | 111 | 115 | He | 0.695 | ug/l | 12.1 | 5000 | |
| Sn | 118 | 115 | He | 54.041 | ug/l | 4.0 | 2000 | |
| Sb | 121 | 115 | He | 1.915 | ug/l | 4.9 | 1000 | |
| Ba | 137 | 159 | He | 240.904 | ug/l | 2.9 | 20000 | |
| Tl | 205 | 209 | He | 0.576 | ug/l | 2.4 | 1000 | |
| [Pb] | 206 | 209 | He | 581.067 | ug/l | 1.5 | | |
| [Pb] | 207 | 209 | He | 549.583 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 564.732 | ug/l | 1.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3738158.14 | 2.1 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6058194.35 | 1.6 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1798878.74 | 2.1 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44378.01 | 0.7 | 105.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375871.47 | 0.7 | 106.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31177.07 | 0.5 | 109.3 | 70 | 140 | |
| Kr | 83 | He | 30.03 | 0.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64708.71 | 1.6 | 103.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 399815.27 | 1.2 | 104.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 320195.51 | 0.9 | 100.7 | 70 | 140 | |

# Sample Report

**File Name** 122SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:34:14

**Sample Name** **460-319928-E-13-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3408

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 2.117 | ug/l | 7.1 | 2000 | |
| B | 11 | 6 | No Gas | 43.476 | ug/l | 3.7 | 2000 | |
| Na | 23 | 45 | He | 2486.030 | ug/l | 2.1 | 500000 | |
| Mg | 24 | 45 | He | 18228.100 | ug/l | 2.3 | 500000 | |
| Al | 27 | 45 | He | 29606.528 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 5412.221 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 61435.976 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | 1349.106 | ug/l | 1.3 | 10000 | |
| V | 51 | 45 | He | 119.753 | ug/l | 3.1 | 5000 | |
| Cr | 52 | 45 | He | 75.707 | ug/l | 2.5 | 20000 | |
| Mn | 55 | 45 | He | 2039.073 | ug/l | 3.2 | 20000 | |
| Fe | 56 | 45 | H2 | 440471.901 | ug/l | 3.0 | 500000 | |
| Co | 59 | 45 | He | 66.675 | ug/l | 0.4 | 2000 | |
| Ni | 60 | 45 | He | 165.024 | ug/l | 3.6 | 20000 | |
| Cu | 63 | 45 | He | 6252.175 | ug/l | 1.1 | 20000 | |
| Zn | 66 | 45 | He | 3804.725 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 153.336 | ug/l | 1.6 | 5000 | |
| Se | 78 | 45 | H2 | 14.537 | ug/l | 9.3 | 3000 | |
| Sr | 88 | 115 | He | 141.631 | ug/l | 2.5 | 5000 | |
| Mo | 95 | 115 | He | 12.580 | ug/l | 2.8 | 2000 | |
| Ag | 107 | 115 | He | 16.117 | ug/l | 2.2 | 1000 | |
| Cd | 111 | 115 | He | 3.380 | ug/l | 5.9 | 5000 | |
| Sn | 118 | 115 | He | 4205.272 | ug/l | 1.6 | 2000 | >LDR 6020B□>LDR 200.8 |
| Sb | 121 | 115 | He | 11.964 | ug/l | 1.7 | 1000 | |
| Ba | 137 | 159 | He | 384.493 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 0.981 | ug/l | 2.0 | 1000 | |
| [Pb] | 206 | 209 | He | 1707.139 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 1587.035 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 1661.186 | ug/l | 0.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3521482.24 | 2.5 | 94.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5827515.19 | 1.9 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1772619.09 | 2.8 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43545.38 | 1.4 | 103.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368625.49 | 0.5 | 104.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30371.82 | 1.8 | 106.5 | 70 | 140 | |
| Kr | 83 | He | 16.68 | 34.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 60430.93 | 1.2 | 96.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 387266.38 | 1.6 | 101.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 315331.47 | 0.7 | 99.1 | 70 | 140 | |

# Sample Report

**File Name** 123SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:36:45

**Sample Name** **460-319952-A-1-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3409

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.789 | ug/l | 4.2 | 2000 | |
| B | 11 | 6 | No Gas | 30.963 | ug/l | 5.1 | 2000 | |
| Na | 23 | 45 | He | 2242.099 | ug/l | 1.0 | 500000 | |
| Mg | 24 | 45 | He | 15636.304 | ug/l | 0.3 | 500000 | |
| Al | 27 | 45 | He | 41935.879 | ug/l | 0.8 | 500000 | |
| K | 39 | 45 | He | 3994.744 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 24925.280 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | 347.869 | ug/l | 2.2 | 10000 | |
| V | 51 | 45 | He | 66.560 | ug/l | 1.7 | 5000 | |
| Cr | 52 | 45 | He | 74.131 | ug/l | 0.8 | 20000 | |
| Mn | 55 | 45 | He | 3120.113 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 72861.330 | ug/l | 1.3 | 500000 | |
| Co | 59 | 45 | He | 28.675 | ug/l | 1.9 | 2000 | |
| Ni | 60 | 45 | He | 69.605 | ug/l | 1.0 | 20000 | |
| Cu | 63 | 45 | He | 368.133 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 1019.240 | ug/l | 1.2 | 20000 | |
| As | 75 | 45 | He | 22.041 | ug/l | 8.6 | 5000 | |
| Se | 78 | 45 | H2 | 4.763 | ug/l | 12.0 | 3000 | |
| Sr | 88 | 115 | He | 126.348 | ug/l | 1.4 | 5000 | |
| Mo | 95 | 115 | He | 2.328 | ug/l | 7.0 | 2000 | |
| Ag | 107 | 115 | He | 27.943 | ug/l | 1.3 | 1000 | |
| Cd | 111 | 115 | He | 3.740 | ug/l | 12.4 | 5000 | |
| Sn | 118 | 115 | He | 75.241 | ug/l | 1.3 | 2000 | |
| Sb | 121 | 115 | He | 4.123 | ug/l | 6.5 | 1000 | |
| Ba | 137 | 159 | He | 397.440 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 0.445 | ug/l | 2.8 | 1000 | |
| [Pb] | 206 | 209 | He | 519.057 | ug/l | 1.1 | | |
| [Pb] | 207 | 209 | He | 495.388 | ug/l | 1.3 | | |
| Pb | 208 | 209 | He | 507.605 | ug/l | 0.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3841884.04 | 2.9 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6153332.13 | 1.6 | 108.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1767891.67 | 1.2 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43854.08 | 0.7 | 103.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374319.01 | 0.9 | 106.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30563.41 | 2.2 | 107.2 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 24.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63635.02 | 1.1 | 102.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 390574.33 | 0.3 | 102.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 322962.33 | 0.9 | 101.5 | 70 | 140 | |

# Sample Report

**File Name** 124SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:39:19

**Sample Name** **460-319952-A-2-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3410

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.916 | ug/l | 6.4 | 2000 | |
| B | 11 | 6 | No Gas | 32.618 | ug/l | 2.1 | 2000 | |
| Na | 23 | 45 | He | 2108.434 | ug/l | 2.4 | 500000 | |
| Mg | 24 | 45 | He | 14925.983 | ug/l | 2.0 | 500000 | |
| Al | 27 | 45 | He | 39789.456 | ug/l | 1.9 | 500000 | |
| K | 39 | 45 | He | 3494.524 | ug/l | 3.6 | 500000 | |
| Ca | 40 | 45 | H2 | 24657.703 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 340.008 | ug/l | 2.8 | 10000 | |
| V | 51 | 45 | He | 64.334 | ug/l | 0.9 | 5000 | |
| Cr | 52 | 45 | He | 69.195 | ug/l | 2.0 | 20000 | |
| Mn | 55 | 45 | He | 2398.813 | ug/l | 2.1 | 20000 | |
| Fe | 56 | 45 | H2 | 67043.928 | ug/l | 1.3 | 500000 | |
| Co | 59 | 45 | He | 25.902 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 64.276 | ug/l | 3.8 | 20000 | |
| Cu | 63 | 45 | He | 376.904 | ug/l | 0.2 | 20000 | |
| Zn | 66 | 45 | He | 1000.906 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | 22.674 | ug/l | 3.2 | 5000 | |
| Se | 78 | 45 | H2 | 5.024 | ug/l | 10.6 | 3000 | |
| Sr | 88 | 115 | He | 127.458 | ug/l | 3.3 | 5000 | |
| Mo | 95 | 115 | He | 2.058 | ug/l | 12.4 | 2000 | |
| Ag | 107 | 115 | He | 27.898 | ug/l | 2.7 | 1000 | |
| Cd | 111 | 115 | He | 3.398 | ug/l | 10.5 | 5000 | |
| Sn | 118 | 115 | He | 75.350 | ug/l | 4.1 | 2000 | |
| Sb | 121 | 115 | He | 4.416 | ug/l | 0.7 | 1000 | |
| Ba | 137 | 159 | He | 363.042 | ug/l | 3.4 | 20000 | |
| Tl | 205 | 209 | He | 0.444 | ug/l | 7.1 | 1000 | |
| [Pb] | 206 | 209 | He | 508.568 | ug/l | 1.3 | | |
| [Pb] | 207 | 209 | He | 489.927 | ug/l | 1.5 | | |
| Pb | 208 | 209 | He | 497.553 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3642487.24 | 2.9 | 97.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5956434.08 | 2.7 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1738384.68 | 0.8 | 101.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43880.97 | 1.7 | 104.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375599.18 | 0.3 | 106.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30907.48 | 2.0 | 108.4 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63530.27 | 0.6 | 101.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 390443.81 | 1.2 | 102.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 326188.72 | 0.6 | 102.6 | 70 | 140 | |

# Sample Report

**File Name** 125SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:41:53

**Sample Name** **460-319952-A-3-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3411

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.633 | ug/l | 6.7 | 2000 | |
| B | 11 | 6 | No Gas | 40.087 | ug/l | 2.7 | 2000 | |
| Na | 23 | 45 | He | 1921.997 | ug/l | 0.6 | 500000 | |
| Mg | 24 | 45 | He | 8088.176 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 7601.677 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 764.014 | ug/l | 2.2 | 500000 | |
| Ca | 40 | 45 | H2 | 67845.531 | ug/l | 0.8 | 1000000 | |
| Ti | 47 | 45 | He | 105.051 | ug/l | 2.1 | 10000 | |
| V | 51 | 45 | He | 12.303 | ug/l | 1.7 | 5000 | |
| Cr | 52 | 45 | He | 75.568 | ug/l | 1.6 | 20000 | |
| Mn | 55 | 45 | He | 1406.437 | ug/l | 0.6 | 20000 | |
| Fe | 56 | 45 | H2 | 19365.573 | ug/l | 1.5 | 500000 | |
| Co | 59 | 45 | He | 5.140 | ug/l | 5.5 | 2000 | |
| Ni | 60 | 45 | He | 16.069 | ug/l | 2.0 | 20000 | |
| Cu | 63 | 45 | He | 61.201 | ug/l | 1.2 | 20000 | |
| Zn | 66 | 45 | He | 363.184 | ug/l | 0.7 | 20000 | |
| As | 75 | 45 | He | 6.962 | ug/l | 11.1 | 5000 | |
| Se | 78 | 45 | H2 | 5.177 | ug/l | 13.6 | 3000 | |
| Sr | 88 | 115 | He | 182.550 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 1.172 | ug/l | 5.2 | 2000 | |
| Ag | 107 | 115 | He | 38.141 | ug/l | 1.3 | 1000 | |
| Cd | 111 | 115 | He | 7.742 | ug/l | 5.4 | 5000 | |
| Sn | 118 | 115 | He | 27.195 | ug/l | 1.4 | 2000 | |
| Sb | 121 | 115 | He | 38.802 | ug/l | 2.1 | 1000 | |
| Ba | 137 | 159 | He | 164.880 | ug/l | 1.2 | 20000 | |
| Tl | 205 | 209 | He | 0.184 | ug/l | 3.6 | 1000 | |
| [Pb] | 206 | 209 | He | 154.755 | ug/l | 2.2 | | |
| [Pb] | 207 | 209 | He | 144.890 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 149.471 | ug/l | 2.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3625732.13 | 1.9 | 97.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5982391.85 | 1.8 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1739333.01 | 0.9 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43435.00 | 0.7 | 102.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 373593.83 | 1.7 | 105.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 30564.52 | 0.9 | 107.2 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64126.65 | 1.0 | 102.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 392516.11 | 0.3 | 102.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 321836.30 | 1.5 | 101.2 | 70 | 140 | |

# Sample Report

**File Name** 126SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:44:26

**Sample Name** **460-319952-A-4-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3412

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.158 | ug/l | 8.1 | 2000 | |
| B | 11 | 6 | No Gas | 17.019 | ug/l | 6.4 | 2000 | |
| Na | 23 | 45 | He | 1129.016 | ug/l | 2.3 | 500000 | |
| Mg | 24 | 45 | He | 9012.129 | ug/l | 2.1 | 500000 | |
| Al | 27 | 45 | He | 24889.810 | ug/l | 1.9 | 500000 | |
| K | 39 | 45 | He | 1895.618 | ug/l | 0.9 | 500000 | |
| Ca | 40 | 45 | H2 | 21090.193 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 128.228 | ug/l | 8.0 | 10000 | |
| V | 51 | 45 | He | 31.786 | ug/l | 2.2 | 5000 | |
| Cr | 52 | 45 | He | 37.852 | ug/l | 3.0 | 20000 | |
| Mn | 55 | 45 | He | 267.026 | ug/l | 2.9 | 20000 | |
| Fe | 56 | 45 | H2 | 29391.721 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 12.298 | ug/l | 0.7 | 2000 | |
| Ni | 60 | 45 | He | 35.812 | ug/l | 8.4 | 20000 | |
| Cu | 63 | 45 | He | 51.324 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | 184.281 | ug/l | 0.9 | 20000 | |
| As | 75 | 45 | He | 6.627 | ug/l | 5.6 | 5000 | |
| Se | 78 | 45 | H2 | 5.786 | ug/l | 9.8 | 3000 | |
| Sr | 88 | 115 | He | 67.885 | ug/l | 1.5 | 5000 | |
| Mo | 95 | 115 | He | 0.793 | ug/l | 4.2 | 2000 | |
| Ag | 107 | 115 | He | 2.143 | ug/l | 3.3 | 1000 | |
| Cd | 111 | 115 | He | 0.956 | ug/l | 10.5 | 5000 | |
| Sn | 118 | 115 | He | 16.278 | ug/l | 3.7 | 2000 | |
| Sb | 121 | 115 | He | 0.641 | ug/l | 15.3 | 1000 | |
| Ba | 137 | 159 | He | 148.483 | ug/l | 4.0 | 20000 | |
| Tl | 205 | 209 | He | 0.299 | ug/l | 1.6 | 1000 | |
| [Pb] | 206 | 209 | He | 234.683 | ug/l | 2.3 | | |
| [Pb] | 207 | 209 | He | 229.590 | ug/l | 0.3 | | |
| Pb | 208 | 209 | He | 232.556 | ug/l | 1.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3733701.61 | 4.4 | 100.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6037981.78 | 2.4 | 106.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1744103.59 | 1.7 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43099.54 | 1.9 | 102.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 375852.68 | 0.3 | 106.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30729.33 | 2.6 | 107.8 | 70 | 140 | |
| Kr | 83 | He | 23.36 | 24.7 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63681.52 | 0.5 | 102.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 392074.31 | 0.4 | 102.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 318138.18 | 1.2 | 100.0 | 70 | 140 | |

# Sample Report

**File Name** 127SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:47:00

**Sample Name** **460-319952-A-5-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3501

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 2.212 | ug/l | 6.5 | 2000 | |
| B | 11 | 6 | No Gas | 39.358 | ug/l | 4.8 | 2000 | |
| Na | 23 | 45 | He | 3611.927 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 19048.727 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 51170.114 | ug/l | 1.0 | 500000 | |
| K | 39 | 45 | He | 5240.647 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 24078.093 | ug/l | 0.9 | 1000000 | |
| Ti | 47 | 45 | He | 305.520 | ug/l | 4.1 | 10000 | |
| V | 51 | 45 | He | 81.207 | ug/l | 0.7 | 5000 | |
| Cr | 52 | 45 | He | 67.578 | ug/l | 1.3 | 20000 | |
| Mn | 55 | 45 | He | 2253.241 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 89411.761 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 34.949 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 75.303 | ug/l | 0.9 | 20000 | |
| Cu | 63 | 45 | He | 180.354 | ug/l | 0.9 | 20000 | |
| Zn | 66 | 45 | He | 949.038 | ug/l | 0.9 | 20000 | |
| As | 75 | 45 | He | 30.692 | ug/l | 2.0 | 5000 | |
| Se | 78 | 45 | H2 | 7.191 | ug/l | 1.4 | 3000 | |
| Sr | 88 | 115 | He | 108.978 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 2.834 | ug/l | 7.1 | 2000 | |
| Ag | 107 | 115 | He | 3.309 | ug/l | 2.8 | 1000 | |
| Cd | 111 | 115 | He | 3.114 | ug/l | 10.9 | 5000 | |
| Sn | 118 | 115 | He | 39.037 | ug/l | 2.1 | 2000 | |
| Sb | 121 | 115 | He | 2.422 | ug/l | 7.2 | 1000 | |
| Ba | 137 | 159 | He | 414.088 | ug/l | 0.6 | 20000 | |
| Tl | 205 | 209 | He | 0.684 | ug/l | 2.4 | 1000 | |
| [Pb] | 206 | 209 | He | 637.469 | ug/l | 1.7 | | |
| [Pb] | 207 | 209 | He | 607.884 | ug/l | 0.7 | | |
| Pb | 208 | 209 | He | 624.813 | ug/l | 0.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3838354.52 | 4.8 | 103.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6135154.35 | 2.9 | 107.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1748888.51 | 0.6 | 102.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43335.74 | 0.5 | 102.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369082.68 | 0.5 | 104.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30817.28 | 2.2 | 108.1 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 114.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 62920.71 | 1.2 | 100.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 390614.14 | 0.7 | 102.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 318946.61 | 1.0 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 128SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:49:35

**Sample Name** **460-319517-E-1-H**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3502

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.263 | ug/l | 4.7 | 2000 | |
| B | 11 | 6 | No Gas | 28.171 | ug/l | 3.3 | 2000 | |
| Na | 23 | 45 | He | 254.210 | ug/l | 4.1 | 500000 | |
| Mg | 24 | 45 | He | 1879.690 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 22291.056 | ug/l | 1.8 | 500000 | |
| K | 39 | 45 | He | 1606.850 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 8903.144 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | 757.120 | ug/l | 3.2 | 10000 | |
| V | 51 | 45 | He | 63.059 | ug/l | 0.4 | 5000 | |
| Cr | 52 | 45 | He | 51.474 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 186.402 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | 63562.970 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 3.691 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 36.148 | ug/l | 0.3 | 20000 | |
| Cu | 63 | 45 | He | 99.034 | ug/l | 0.6 | 20000 | |
| Zn | 66 | 45 | He | 290.984 | ug/l | 2.5 | 20000 | |
| As | 75 | 45 | He | 11.030 | ug/l | 15.0 | 5000 | |
| Se | 78 | 45 | H2 | 1.129 | ug/l | 29.2 | 3000 | |
| Sr | 88 | 115 | He | 46.627 | ug/l | 3.2 | 5000 | |
| Mo | 95 | 115 | He | 4.687 | ug/l | 8.0 | 2000 | |
| Ag | 107 | 115 | He | 0.251 | ug/l | 13.3 | 1000 | |
| Cd | 111 | 115 | He | 1.278 | ug/l | 2.6 | 5000 | |
| Sn | 118 | 115 | He | 15.172 | ug/l | 2.9 | 2000 | |
| Sb | 121 | 115 | He | 1.222 | ug/l | 16.2 | 1000 | |
| Ba | 137 | 159 | He | 106.021 | ug/l | 4.1 | 20000 | |
| Tl | 205 | 209 | He | 0.164 | ug/l | 3.2 | 1000 | |
| [Pb] | 206 | 209 | He | 176.574 | ug/l | 1.9 | | |
| [Pb] | 207 | 209 | He | 169.932 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 171.963 | ug/l | 1.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3514215.99 | 3.0 | 94.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5776282.83 | 1.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1731322.27 | 2.0 | 101.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42857.65 | 1.0 | 101.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 371099.91 | 1.0 | 105.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30802.84 | 0.4 | 108.0 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63907.52 | 2.1 | 102.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 393195.49 | 0.8 | 103.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 321025.34 | 0.5 | 100.9 | 70 | 140 | |

# Sample Report

**File Name** 129SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:52:09

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.401 | ug/l | 24.5 | 2000 | |
| Na | 23 | 45 | He | 12.673 | ug/l | 37.8 | 500000 | |
| Mg | 24 | 45 | He | 0.682 | ug/l | 55.7 | 500000 | |
| Al | 27 | 45 | He | 4.718 | ug/l | 20.6 | 500000 | |
| K | 39 | 45 | He | 7.129 | ug/l | 428.6 | 500000 | |
| Ca | 40 | 45 | H2 | 5.013 | ug/l | 9.8 | 1000000 | |
| Ti | 47 | 45 | He | 0.178 | ug/l | 133.2 | 10000 | |
| V | 51 | 45 | He | -0.012 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.232 | ug/l | 57.3 | 20000 | |
| Mn | 55 | 45 | He | -0.147 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 3.895 | ug/l | 6.6 | 500000 | |
| Co | 59 | 45 | He | -0.001 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.306 | ug/l | 26.6 | 20000 | |
| Cu | 63 | 45 | He | 0.077 | ug/l | 16.7 | 20000 | |
| Zn | 66 | 45 | He | -0.811 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.775 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.038 | ug/l | 58.2 | 3000 | |
| Sr | 88 | 115 | He | 0.060 | ug/l | 81.0 | 5000 | |
| Mo | 95 | 115 | He | 0.060 | ug/l | 67.2 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 150.4 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | 0.022 | ug/l | 1142.4 | 2000 | |
| Sb | 121 | 115 | He | -0.019 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.019 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 86.2 | 1000 | |
| [Pb] | 206 | 209 | He | 0.065 | ug/l | 47.4 | | |
| [Pb] | 207 | 209 | He | 0.056 | ug/l | 18.5 | | |
| Pb | 208 | 209 | He | 0.079 | ug/l | 8.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3867292.96 | 2.0 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6038808.59 | 1.1 | 106.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1751266.61 | 0.6 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43528.72 | 2.0 | 103.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 347054.67 | 0.9 | 98.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 28658.08 | 1.0 | 100.5 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64651.89 | 0.5 | 103.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 382402.85 | 0.4 | 100.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 317098.06 | 0.2 | 99.7 | 70 | 140 | |

# Sample Report

**File Name** 130SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:54:43

**Sample Name** **460-319517-E-2-H**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3503

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1.720 | ug/l | 5.2 | 2000 | |
| B | 11 | 6 | No Gas | 54.657 | ug/l | 7.5 | 2000 | |
| Na | 23 | 45 | He | 845.603 | ug/l | 0.8 | 500000 | |
| Mg | 24 | 45 | He | 8659.349 | ug/l | 2.2 | 500000 | |
| Al | 27 | 45 | He | 37749.922 | ug/l | 0.9 | 500000 | |
| K | 39 | 45 | He | 4523.420 | ug/l | 1.8 | 500000 | |
| Ca | 40 | 45 | H2 | 37213.603 | ug/l | 0.7 | 1000000 | |
| Ti | 47 | 45 | He | 1393.891 | ug/l | 4.8 | 10000 | |
| V | 51 | 45 | He | 153.632 | ug/l | 2.1 | 5000 | |
| Cr | 52 | 45 | He | 154.845 | ug/l | 2.2 | 20000 | |
| Mn | 55 | 45 | He | 683.444 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 84943.845 | ug/l | 0.8 | 500000 | |
| Co | 59 | 45 | He | 14.589 | ug/l | 0.8 | 2000 | |
| Ni | 60 | 45 | He | 41.579 | ug/l | 1.9 | 20000 | |
| Cu | 63 | 45 | He | 143.237 | ug/l | 0.5 | 20000 | |
| Zn | 66 | 45 | He | 546.488 | ug/l | 1.3 | 20000 | |
| As | 75 | 45 | He | 28.335 | ug/l | 1.8 | 5000 | |
| Se | 78 | 45 | H2 | 1.953 | ug/l | 9.9 | 3000 | |
| Sr | 88 | 115 | He | 163.844 | ug/l | 2.3 | 5000 | |
| Mo | 95 | 115 | He | 6.532 | ug/l | 6.4 | 2000 | |
| Ag | 107 | 115 | He | 0.719 | ug/l | 2.5 | 1000 | |
| Cd | 111 | 115 | He | 1.911 | ug/l | 5.8 | 5000 | |
| Sn | 118 | 115 | He | 32.552 | ug/l | 2.8 | 2000 | |
| Sb | 121 | 115 | He | 2.931 | ug/l | 4.7 | 1000 | |
| Ba | 137 | 159 | He | 246.705 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 0.310 | ug/l | 1.9 | 1000 | |
| [Pb] | 206 | 209 | He | 436.749 | ug/l | 0.4 | | |
| [Pb] | 207 | 209 | He | 418.535 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 426.586 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3627027.72 | 5.1 | 97.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5939910.19 | 4.4 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1757955.46 | 0.4 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42971.36 | 0.6 | 101.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 367742.09 | 0.6 | 104.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30319.55 | 0.7 | 106.3 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63056.73 | 1.2 | 101.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 389614.85 | 1.6 | 102.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 316464.54 | 1.3 | 99.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 131_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:57:17

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 95.439 | ug/l | 1.9 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 252.279 | ug/l | 5.4 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24672.995 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24797.843 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24903.972 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25325.914 | ug/l | 1.4 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24587.937 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 104.669 | ug/l | 2.3 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 98.404 | ug/l | 0.7 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 98.957 | ug/l | 1.7 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.301 | ug/l | 1.0 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24447.783 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 99.273 | ug/l | 1.6 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 98.467 | ug/l | 1.2 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 99.057 | ug/l | 0.8 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 246.443 | ug/l | 1.1 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 99.312 | ug/l | 4.7 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 94.304 | ug/l | 4.1 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.115 | ug/l | 3.2 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 97.681 | ug/l | 1.3 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.615 | ug/l | 0.4 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 98.148 | ug/l | 1.8 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 97.202 | ug/l | 1.4 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 97.931 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 102.641 | ug/l | 0.6 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.471 | ug/l | 1.1 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.678 | ug/l | 1.7 | | | | |
| [Pb] | 207 | 209 | He | 98.744 | ug/l | 0.4 | | | | |
| Pb | 208 | 209 | He | 98.364 | ug/l | 0.4 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3694093.97 | 3.9 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6018157.55 | 1.8 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1768710.74 | 2.2 | 103.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42957.98 | 0.6 | 101.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 358824.71 | 0.6 | 101.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29783.85 | 0.3 | 104.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 63966.82 | 1.0 | 102.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 385165.88 | 0.6 | 101.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 313079.44 | 0.7 | 98.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 132_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 01:59:49

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.007 | ug/l | 29.0 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 2.741 | ug/l | 19.6 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 3.262 | ug/l | 260.1 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.147 | ug/l | 35.4 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 1.914 | ug/l | 58.4 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 0.384 | ug/l | 3307.2 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 2.048 | ug/l | 42.4 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.043 | ug/l | 699.9 | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.018 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.022 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.177 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 3.048 | ug/l | 4.4 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.050 | ug/l | 140.6 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.048 | ug/l | 85.1 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.559 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.712 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.284 | ug/l | 35.8 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.005 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.170 | ug/l | 10.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 21.8 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.032 | ug/l | 100.6 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.139 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.074 | ug/l | 38.6 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.034 | ug/l | 410.5 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.037 | ug/l | 14.1 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.048 | ug/l | 46.4 | | | | |
| [Pb] | 207 | 209 | He | 0.067 | ug/l | 40.5 | | | | |
| Pb | 208 | 209 | He | 0.060 | ug/l | 3.7 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3710319.35 | 3.1 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5972986.65 | 1.3 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1768717.91 | 1.6 | 103.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43887.57 | 2.1 | 104.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 347422.91 | 1.5 | 98.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 28655.92 | 1.6 | 100.5 | 70 | 140 | |
| Kr | 83 | He | 10.01 | 100.0 | | | | |
| In-1 | 115 | He | 65012.05 | 1.1 | 104.3 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 389987.48 | 0.9 | 102.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 322076.28 | 1.0 | 101.3 | 70 | 140 | |

# Sample Report

**File Name** 133SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:02:24

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.004 | ug/l | 266.3 | 2000 | |
| B | 11 | 6 | No Gas | 0.999 | ug/l | 29.0 | 2000 | |
| Na | 23 | 45 | He | 7.824 | ug/l | 36.0 | 500000 | |
| Mg | 24 | 45 | He | 1.472 | ug/l | 118.8 | 500000 | |
| Al | 27 | 45 | He | 4.756 | ug/l | 86.5 | 500000 | |
| K | 39 | 45 | He | 12.825 | ug/l | 128.2 | 500000 | |
| Ca | 40 | 45 | H2 | 2.680 | ug/l | 34.8 | 1000000 | |
| Ti | 47 | 45 | He | 0.347 | ug/l | 30.3 | 10000 | |
| V | 51 | 45 | He | -0.050 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.052 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.174 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.662 | ug/l | 4.6 | 500000 | |
| Co | 59 | 45 | He | 0.000 | ug/l | 43242.2 | 2000 | |
| Ni | 60 | 45 | He | -0.022 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.068 | ug/l | 36.6 | 20000 | |
| Zn | 66 | 45 | He | -1.328 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.938 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.138 | ug/l | 54.8 | 3000 | |
| Sr | 88 | 115 | He | 0.026 | ug/l | 178.9 | 5000 | |
| Mo | 95 | 115 | He | 0.086 | ug/l | 9.5 | 2000 | |
| Ag | 107 | 115 | He | -0.003 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.147 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.048 | ug/l | 134.4 | 1000 | |
| Ba | 137 | 159 | He | -0.022 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.007 | ug/l | 39.2 | 1000 | |
| [Pb] | 206 | 209 | He | 0.067 | ug/l | 71.1 | | |
| [Pb] | 207 | 209 | He | 0.068 | ug/l | 49.0 | | |
| Pb | 208 | 209 | He | 0.058 | ug/l | 40.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3594743.97 | 5.2 | 96.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5895487.34 | 1.8 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1791478.62 | 1.1 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44428.18 | 0.8 | 105.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 349227.06 | 1.3 | 98.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 28981.06 | 0.9 | 101.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65144.95 | 1.4 | 104.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 388781.67 | 1.1 | 101.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 323430.30 | 0.8 | 101.7 | 70 | 140 | |

# Sample Report

**File Name** 134SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:04:58

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.002 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.771 | ug/l | 81.9 | 2000 | |
| Na | 23 | 45 | He | 7.123 | ug/l | 196.5 | 500000 | |
| Mg | 24 | 45 | He | 1.819 | ug/l | 77.9 | 500000 | |
| Al | 27 | 45 | He | 2.185 | ug/l | 41.2 | 500000 | |
| K | 39 | 45 | He | 5.793 | ug/l | 103.4 | 500000 | |
| Ca | 40 | 45 | H2 | 3.686 | ug/l | 16.2 | 1000000 | |
| Ti | 47 | 45 | He | 0.235 | ug/l | 52.2 | 10000 | |
| V | 51 | 45 | He | -0.004 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.166 | ug/l | 66.9 | 20000 | |
| Mn | 55 | 45 | He | -0.178 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.275 | ug/l | 11.2 | 500000 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.040 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.053 | ug/l | 6.5 | 20000 | |
| Zn | 66 | 45 | He | -0.924 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.938 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.038 | ug/l | 215.4 | 3000 | |
| Sr | 88 | 115 | He | -0.026 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.063 | ug/l | 26.2 | 2000 | |
| Ag | 107 | 115 | He | 0.001 | ug/l | 690.7 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | -0.032 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.060 | ug/l | 122.8 | 1000 | |
| Ba | 137 | 159 | He | -0.057 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.009 | ug/l | 29.3 | 1000 | |
| [Pb] | 206 | 209 | He | 0.046 | ug/l | 94.7 | | |
| [Pb] | 207 | 209 | He | 0.051 | ug/l | 74.5 | | |
| Pb | 208 | 209 | He | 0.043 | ug/l | 49.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3565822.76 | 7.1 | 95.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5864366.65 | 3.5 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1765025.04 | 0.6 | 103.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43816.17 | 1.8 | 103.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 351597.50 | 0.2 | 99.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 28514.46 | 2.0 | 100.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64701.13 | 1.2 | 103.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 386492.56 | 1.7 | 101.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 320376.52 | 0.7 | 100.7 | 70 | 140 | |

# Sample Report

**File Name** 135SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:07:34

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.006 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.424 | ug/l | 36.8 | 2000 | |
| Na | 23 | 45 | He | 9.696 | ug/l | 55.9 | 500000 | |
| Mg | 24 | 45 | He | 1.325 | ug/l | 20.3 | 500000 | |
| Al | 27 | 45 | He | 3.296 | ug/l | 66.3 | 500000 | |
| K | 39 | 45 | He | 1.778 | ug/l | 1386.1 | 500000 | |
| Ca | 40 | 45 | H2 | 3.625 | ug/l | 27.1 | 1000000 | |
| Ti | 47 | 45 | He | -0.085 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.000 | ug/l | 16728.7 | 5000 | |
| Cr | 52 | 45 | He | 0.030 | ug/l | 291.9 | 20000 | |
| Mn | 55 | 45 | He | -0.075 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.129 | ug/l | 36.3 | 500000 | |
| Co | 59 | 45 | He | 0.008 | ug/l | 115.3 | 2000 | |
| Ni | 60 | 45 | He | 0.104 | ug/l | 170.4 | 20000 | |
| Cu | 63 | 45 | He | 0.030 | ug/l | 127.5 | 20000 | |
| Zn | 66 | 45 | He | -0.091 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.906 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.027 | ug/l | 298.1 | 3000 | |
| Sr | 88 | 115 | He | 0.060 | ug/l | 174.6 | 5000 | |
| Mo | 95 | 115 | He | 0.051 | ug/l | 9.6 | 2000 | |
| Ag | 107 | 115 | He | -0.002 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.032 | ug/l | 99.0 | 5000 | |
| Sn | 118 | 115 | He | -0.026 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.053 | ug/l | 12.6 | 1000 | |
| Ba | 137 | 159 | He | 0.035 | ug/l | 330.5 | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 49.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.037 | ug/l | 76.8 | | |
| [Pb] | 207 | 209 | He | 0.019 | ug/l | 33.2 | | |
| Pb | 208 | 209 | He | 0.041 | ug/l | 17.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3628685.88 | 5.3 | 97.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5982621.85 | 4.3 | 105.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1743464.16 | 3.1 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43741.41 | 0.7 | 103.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 345282.83 | 1.7 | 97.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 28562.41 | 1.2 | 100.2 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65038.24 | 1.7 | 104.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 386453.21 | 1.6 | 101.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 319599.53 | 0.5 | 100.5 | 70 | 140 | |

# Sample Report

**File Name** 136SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:10:08

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.002 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.536 | ug/l | 33.9 | 2000 | |
| Na | 23 | 45 | He | 13.396 | ug/l | 67.4 | 500000 | |
| Mg | 24 | 45 | He | 2.055 | ug/l | 13.1 | 500000 | |
| Al | 27 | 45 | He | 2.875 | ug/l | 62.5 | 500000 | |
| K | 39 | 45 | He | 9.734 | ug/l | 210.9 | 500000 | |
| Ca | 40 | 45 | H2 | 4.014 | ug/l | 25.8 | 1000000 | |
| Ti | 47 | 45 | He | 0.247 | ug/l | 122.1 | 10000 | |
| V | 51 | 45 | He | -0.005 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.143 | ug/l | 25.0 | 20000 | |
| Mn | 55 | 45 | He | -0.067 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.142 | ug/l | 31.2 | 500000 | |
| Co | 59 | 45 | He | 0.002 | ug/l | 431.0 | 2000 | |
| Ni | 60 | 45 | He | 0.245 | ug/l | 100.3 | 20000 | |
| Cu | 63 | 45 | He | 0.009 | ug/l | 449.5 | 20000 | |
| Zn | 66 | 45 | He | -0.833 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.938 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.064 | ug/l | 122.5 | 3000 | |
| Sr | 88 | 115 | He | 0.059 | ug/l | 60.0 | 5000 | |
| Mo | 95 | 115 | He | 0.055 | ug/l | 34.4 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 139.7 | 1000 | |
| Cd | 111 | 115 | He | 0.022 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.149 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.056 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | -0.021 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.005 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 0.032 | ug/l | 64.1 | | |
| [Pb] | 207 | 209 | He | 0.028 | ug/l | 37.2 | | |
| Pb | 208 | 209 | He | 0.024 | ug/l | 55.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3502418.42 | 3.0 | 94.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5779964.22 | 3.1 | 101.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1750368.53 | 1.6 | 102.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43243.32 | 1.9 | 102.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 348568.18 | 1.3 | 98.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 28754.98 | 1.4 | 100.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64885.69 | 0.9 | 104.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 387506.56 | 1.5 | 101.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 323681.58 | 0.4 | 101.8 | 70 | 140 | |

# Sample Report

**File Name** 137SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:12:44

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.161 | ug/l | 178.1 | 2000 | |
| Na | 23 | 45 | He | 16.376 | ug/l | 9.2 | 500000 | |
| Mg | 24 | 45 | He | 0.680 | ug/l | 146.7 | 500000 | |
| Al | 27 | 45 | He | 3.459 | ug/l | 150.4 | 500000 | |
| K | 39 | 45 | He | 10.800 | ug/l | 98.0 | 500000 | |
| Ca | 40 | 45 | H2 | 2.423 | ug/l | 20.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.079 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.024 | ug/l | 38.9 | 5000 | |
| Cr | 52 | 45 | He | 0.115 | ug/l | 379.0 | 20000 | |
| Mn | 55 | 45 | He | -0.140 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.838 | ug/l | 7.6 | 500000 | |
| Co | 59 | 45 | He | 0.002 | ug/l | 1008.8 | 2000 | |
| Ni | 60 | 45 | He | 0.162 | ug/l | 86.7 | 20000 | |
| Cu | 63 | 45 | He | -0.013 | ug/l | N/A | 20000 | |
| Zn | 66 | 45 | He | -0.463 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.872 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.077 | ug/l | 58.7 | 3000 | |
| Sr | 88 | 115 | He | -0.037 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.039 | ug/l | 45.6 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 172.5 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.073 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.032 | ug/l | 140.8 | 1000 | |
| Ba | 137 | 159 | He | -0.040 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.004 | ug/l | 62.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.054 | ug/l | 77.7 | | |
| [Pb] | 207 | 209 | He | 0.008 | ug/l | 557.8 | | |
| Pb | 208 | 209 | He | 0.036 | ug/l | 71.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3701757.55 | 6.9 | 99.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5971526.99 | 5.8 | 104.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1760340.72 | 0.7 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43038.19 | 1.6 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 345074.46 | 1.1 | 97.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 28458.86 | 0.9 | 99.8 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65381.14 | 0.5 | 104.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 390347.80 | 1.0 | 102.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 320260.04 | 1.4 | 100.7 | 70 | 140 | |

# Sample Report

**File Name** 138SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:15:18

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.002 | ug/l | 240.9 | 2000 | |
| B | 11 | 6 | No Gas | 0.166 | ug/l | 71.8 | 2000 | |
| Na | 23 | 45 | He | 9.338 | ug/l | 63.7 | 500000 | |
| Mg | 24 | 45 | He | 0.965 | ug/l | 155.5 | 500000 | |
| Al | 27 | 45 | He | 3.358 | ug/l | 125.6 | 500000 | |
| K | 39 | 45 | He | 14.178 | ug/l | 75.0 | 500000 | |
| Ca | 40 | 45 | H2 | 2.915 | ug/l | 38.1 | 1000000 | |
| Ti | 47 | 45 | He | -0.146 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.035 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.031 | ug/l | 952.7 | 20000 | |
| Mn | 55 | 45 | He | -0.025 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.913 | ug/l | 45.1 | 500000 | |
| Co | 59 | 45 | He | -0.008 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.182 | ug/l | 63.7 | 20000 | |
| Cu | 63 | 45 | He | -0.001 | ug/l | N/A | 20000 | |
| Zn | 66 | 45 | He | -0.481 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.905 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.051 | ug/l | 88.1 | 3000 | |
| Sr | 88 | 115 | He | -0.015 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.033 | ug/l | 73.5 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 134.1 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.028 | ug/l | 648.2 | 2000 | |
| Sb | 121 | 115 | He | 0.002 | ug/l | 1628.2 | 1000 | |
| Ba | 137 | 159 | He | 0.017 | ug/l | 343.1 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 241.2 | 1000 | |
| [Pb] | 206 | 209 | He | 0.075 | ug/l | 53.2 | | |
| [Pb] | 207 | 209 | He | 0.028 | ug/l | 61.3 | | |
| Pb | 208 | 209 | He | 0.047 | ug/l | 18.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3649189.22 | 4.8 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5944512.06 | 2.4 | 104.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1760398.22 | 1.6 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43378.18 | 0.9 | 102.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 349172.31 | 0.4 | 98.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 28755.00 | 1.1 | 100.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64801.86 | 2.3 | 103.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 387377.65 | 1.3 | 101.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 319783.15 | 1.3 | 100.5 | 70 | 140 | |

# Sample Report

**File Name** 139SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:17:54

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.002 | ug/l | 506.2 | 2000 | |
| B | 11 | 6 | No Gas | -0.146 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | 51.262 | ug/l | 59.9 | 500000 | |
| Mg | 24 | 45 | He | 6.868 | ug/l | 61.5 | 500000 | |
| Al | 27 | 45 | He | 7.656 | ug/l | 58.9 | 500000 | |
| K | 39 | 45 | He | 13.318 | ug/l | 72.3 | 500000 | |
| Ca | 40 | 45 | H2 | 3.671 | ug/l | 33.4 | 1000000 | |
| Ti | 47 | 45 | He | -0.018 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.027 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.124 | ug/l | 81.7 | 20000 | |
| Mn | 55 | 45 | He | 0.145 | ug/l | 209.6 | 20000 | |
| Fe | 56 | 45 | H2 | 0.704 | ug/l | 13.1 | 500000 | |
| Co | 59 | 45 | He | -0.003 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.086 | ug/l | 108.3 | 20000 | |
| Cu | 63 | 45 | He | 0.022 | ug/l | 197.7 | 20000 | |
| Zn | 66 | 45 | He | -1.503 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.905 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | -0.040 | ug/l | N/A | 3000 | |
| Sr | 88 | 115 | He | 0.084 | ug/l | 45.0 | 5000 | |
| Mo | 95 | 115 | He | 0.006 | ug/l | 374.9 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 189.9 | 1000 | |
| Cd | 111 | 115 | He | 0.022 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.078 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.024 | ug/l | 152.3 | 1000 | |
| Ba | 137 | 159 | He | 0.074 | ug/l | 153.2 | 20000 | |
| Tl | 205 | 209 | He | 0.010 | ug/l | 67.1 | 1000 | |
| [Pb] | 206 | 209 | He | 0.097 | ug/l | 26.7 | | |
| [Pb] | 207 | 209 | He | 0.101 | ug/l | 116.2 | | |
| Pb | 208 | 209 | He | 0.092 | ug/l | 62.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3863250.98 | 3.0 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6142848.38 | 1.3 | 107.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1767719.28 | 1.5 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43627.78 | 1.3 | 103.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 349065.42 | 0.8 | 98.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 28459.93 | 1.1 | 99.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63970.05 | 0.8 | 102.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 384728.87 | 1.5 | 100.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 318909.83 | 1.2 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 140SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:20:28

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 517.2 | 2000 | |
| B | 11 | 6 | No Gas | 0.041 | ug/l | 1515.0 | 2000 | |
| Na | 23 | 45 | He | 14.041 | ug/l | 30.8 | 500000 | |
| Mg | 24 | 45 | He | 1.801 | ug/l | 56.1 | 500000 | |
| Al | 27 | 45 | He | 5.130 | ug/l | 33.5 | 500000 | |
| K | 39 | 45 | He | 5.428 | ug/l | 185.1 | 500000 | |
| Ca | 40 | 45 | H2 | 3.040 | ug/l | 15.1 | 1000000 | |
| Ti | 47 | 45 | He | 0.053 | ug/l | 769.3 | 10000 | |
| V | 51 | 45 | He | 0.004 | ug/l | 841.5 | 5000 | |
| Cr | 52 | 45 | He | 0.154 | ug/l | 76.1 | 20000 | |
| Mn | 55 | 45 | He | -0.104 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.949 | ug/l | 49.7 | 500000 | |
| Co | 59 | 45 | He | 0.006 | ug/l | 278.4 | 2000 | |
| Ni | 60 | 45 | He | 0.156 | ug/l | 89.9 | 20000 | |
| Cu | 63 | 45 | He | 0.040 | ug/l | 101.6 | 20000 | |
| Zn | 66 | 45 | He | -0.977 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.805 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.037 | ug/l | 122.4 | 3000 | |
| Sr | 88 | 115 | He | -0.002 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.030 | ug/l | 81.0 | 2000 | |
| Ag | 107 | 115 | He | -0.001 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.047 | ug/l | 551.5 | 2000 | |
| Sb | 121 | 115 | He | 0.030 | ug/l | 139.3 | 1000 | |
| Ba | 137 | 159 | He | -0.040 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 160.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.038 | ug/l | 28.7 | | |
| [Pb] | 207 | 209 | He | 0.032 | ug/l | 60.4 | | |
| Pb | 208 | 209 | He | 0.034 | ug/l | 21.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3643339.39 | 6.5 | 97.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5813565.61 | 3.8 | 102.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1784121.66 | 1.1 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43051.60 | 1.0 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 350145.13 | 0.8 | 99.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 28088.11 | 0.7 | 98.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63566.71 | 0.2 | 102.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 388518.19 | 0.1 | 101.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 316395.94 | 0.7 | 99.5 | 70 | 140 | |

# Sample Report

**File Name** 141SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:23:03

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.003 | ug/l | 261.2 | 2000 | |
| B | 11 | 6 | No Gas | -0.016 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | 15.632 | ug/l | 54.2 | 500000 | |
| Mg | 24 | 45 | He | 1.065 | ug/l | 58.0 | 500000 | |
| Al | 27 | 45 | He | 1.532 | ug/l | 206.6 | 500000 | |
| K | 39 | 45 | He | 16.731 | ug/l | 103.0 | 500000 | |
| Ca | 40 | 45 | H2 | 4.316 | ug/l | 16.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.144 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.011 | ug/l | 629.8 | 5000 | |
| Cr | 52 | 45 | He | 0.091 | ug/l | 280.3 | 20000 | |
| Mn | 55 | 45 | He | -0.122 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.722 | ug/l | 13.3 | 500000 | |
| Co | 59 | 45 | He | -0.009 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.278 | ug/l | 25.5 | 20000 | |
| Cu | 63 | 45 | He | 0.021 | ug/l | 10.7 | 20000 | |
| Zn | 66 | 45 | He | -0.842 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.903 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.027 | ug/l | 147.4 | 3000 | |
| Sr | 88 | 115 | He | 0.060 | ug/l | 79.3 | 5000 | |
| Mo | 95 | 115 | He | 0.014 | ug/l | 125.1 | 2000 | |
| Ag | 107 | 115 | He | -0.003 | ug/l | N/A | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.147 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.076 | ug/l | 22.3 | 1000 | |
| Ba | 137 | 159 | He | -0.095 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.007 | ug/l | 51.0 | 1000 | |
| [Pb] | 206 | 209 | He | 0.062 | ug/l | 72.3 | | |
| [Pb] | 207 | 209 | He | 0.011 | ug/l | 170.4 | | |
| Pb | 208 | 209 | He | 0.036 | ug/l | 41.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3612921.16 | 4.2 | 97.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5897874.43 | 3.7 | 103.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1712563.34 | 0.8 | 100.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43044.90 | 1.0 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 346567.43 | 0.2 | 98.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 28832.96 | 0.8 | 101.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64423.58 | 0.9 | 103.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 386160.20 | 1.3 | 101.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 318064.45 | 0.9 | 100.0 | 70 | 140 | |

# Sample Report

**File Name** 142SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:25:36

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | -0.220 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | 14.108 | ug/l | 29.7 | 500000 | |
| Mg | 24 | 45 | He | 2.010 | ug/l | 39.0 | 500000 | |
| Al | 27 | 45 | He | 2.884 | ug/l | 19.8 | 500000 | |
| K | 39 | 45 | He | 0.093 | ug/l | 11047.8 | 500000 | |
| Ca | 40 | 45 | H2 | 2.600 | ug/l | 3.6 | 1000000 | |
| Ti | 47 | 45 | He | -0.010 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.031 | ug/l | 121.1 | 5000 | |
| Cr | 52 | 45 | He | 0.177 | ug/l | 129.5 | 20000 | |
| Mn | 55 | 45 | He | -0.022 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.799 | ug/l | 18.8 | 500000 | |
| Co | 59 | 45 | He | 0.004 | ug/l | 465.8 | 2000 | |
| Ni | 60 | 45 | He | 0.296 | ug/l | 42.0 | 20000 | |
| Cu | 63 | 45 | He | 0.022 | ug/l | 304.2 | 20000 | |
| Zn | 66 | 45 | He | -0.067 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.838 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.063 | ug/l | 123.6 | 3000 | |
| Sr | 88 | 115 | He | -0.014 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.010 | ug/l | 305.6 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 325.9 | 1000 | |
| Cd | 111 | 115 | He | 0.022 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.032 | ug/l | 394.9 | 2000 | |
| Sb | 121 | 115 | He | 0.055 | ug/l | 157.2 | 1000 | |
| Ba | 137 | 159 | He | 0.037 | ug/l | 176.0 | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 73.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.032 | ug/l | 96.6 | | |
| [Pb] | 207 | 209 | He | 0.022 | ug/l | 129.5 | | |
| Pb | 208 | 209 | He | 0.030 | ug/l | 30.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3842805.26 | 6.8 | 103.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6169726.50 | 4.4 | 108.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1778675.72 | 0.2 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43174.18 | 1.0 | 102.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 347903.27 | 0.6 | 98.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 28383.12 | 0.4 | 99.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64228.66 | 0.3 | 103.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 383681.50 | 0.8 | 100.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 319069.65 | 1.2 | 100.3 | 70 | 140 | |

# Sample Report

**File Name** 143SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:28:12

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 0.035 | ug/l | 614.3 | 2000 | |
| Na | 23 | 45 | He | 5.712 | ug/l | 113.8 | 500000 | |
| Mg | 24 | 45 | He | 1.755 | ug/l | 47.4 | 500000 | |
| Al | 27 | 45 | He | 2.294 | ug/l | 116.7 | 500000 | |
| K | 39 | 45 | He | 11.447 | ug/l | 122.0 | 500000 | |
| Ca | 40 | 45 | H2 | 3.258 | ug/l | 28.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.017 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.018 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.223 | ug/l | 166.3 | 20000 | |
| Mn | 55 | 45 | He | -0.200 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 1.128 | ug/l | 17.6 | 500000 | |
| Co | 59 | 45 | He | 0.005 | ug/l | 153.3 | 2000 | |
| Ni | 60 | 45 | He | 0.229 | ug/l | 80.2 | 20000 | |
| Cu | 63 | 45 | He | 0.076 | ug/l | 62.7 | 20000 | |
| Zn | 66 | 45 | He | -0.623 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.905 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.065 | ug/l | 61.1 | 3000 | |
| Sr | 88 | 115 | He | 0.074 | ug/l | 91.7 | 5000 | |
| Mo | 95 | 115 | He | 0.026 | ug/l | 94.2 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 188.0 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.068 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.002 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 0.073 | ug/l | 74.7 | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 98.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.030 | ug/l | 80.1 | | |
| [Pb] | 207 | 209 | He | -0.007 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.027 | ug/l | 42.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3650582.62 | 7.3 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6020379.35 | 4.8 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1740137.70 | 1.5 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43355.80 | 0.6 | 102.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 345263.24 | 0.6 | 97.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 28667.06 | 1.6 | 100.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63846.21 | 1.3 | 102.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 385511.46 | 1.1 | 101.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 318614.80 | 0.8 | 100.2 | 70 | 140 | |

# Sample Report

**File Name** 144SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-12 02:30:46

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | -0.292 | ug/l | N/A | 2000 | |
| Na | 23 | 45 | He | 12.024 | ug/l | 47.4 | 500000 | |
| Mg | 24 | 45 | He | 1.750 | ug/l | 18.6 | 500000 | |
| Al | 27 | 45 | He | 1.806 | ug/l | 114.9 | 500000 | |
| K | 39 | 45 | He | 9.672 | ug/l | 88.5 | 500000 | |
| Ca | 40 | 45 | H2 | 2.164 | ug/l | 32.7 | 1000000 | |
| Ti | 47 | 45 | He | -0.338 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.020 | ug/l | 125.5 | 5000 | |
| Cr | 52 | 45 | He | 0.103 | ug/l | 424.5 | 20000 | |
| Mn | 55 | 45 | He | -0.085 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.786 | ug/l | 84.7 | 500000 | |
| Co | 59 | 45 | He | 0.009 | ug/l | 220.8 | 2000 | |
| Ni | 60 | 45 | He | 0.311 | ug/l | 45.8 | 20000 | |
| Cu | 63 | 45 | He | 0.041 | ug/l | 25.8 | 20000 | |
| Zn | 66 | 45 | He | -1.035 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.903 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.024 | ug/l | 157.5 | 3000 | |
| Sr | 88 | 115 | He | -0.013 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.038 | ug/l | 44.9 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 662.8 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.058 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.035 | ug/l | 136.3 | 1000 | |
| Ba | 137 | 159 | He | -0.004 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.006 | ug/l | 101.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.060 | ug/l | 94.5 | | |
| [Pb] | 207 | 209 | He | 0.015 | ug/l | 62.4 | | |
| Pb | 208 | 209 | He | 0.042 | ug/l | 14.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3782348.76 | 5.7 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6048163.52 | 3.7 | 106.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1770672.11 | 2.2 | 103.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42946.77 | 1.3 | 101.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 350893.15 | 0.5 | 99.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 28099.24 | 0.5 | 98.5 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63709.91 | 0.9 | 102.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 382827.09 | 2.8 | 100.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 317806.38 | 1.2 | 99.9 | 70 | 140 | |

# US EPA Tune Check Report

| | |
|---|---|
| **Operator Name** | ediicpms4 |
| **Acq/Data Batch** | C:\Agilent\ICPMH\1\DATA\NM021125.b |
| **Acq. Date-Time** | 2025-02-11 08:55:09 |
| **Report Comment** | EPA TUNE REPORT |
| **Instrument Name** | ICP-MS SG18143095 |

**[No Gas]**

**Sensitivity**

| Mass | Conc. [ug/l] | Count | CPS | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD% | RSD% (Required) |
|---|---|---|---|---|---|---|---|
| 9 | 10.00 | 3890 | 38903.23 | 0.00 | | 0.589 | 5.000 |
| 24 | 10.00 | 16052 | 160524.57 | 0.00 | | 0.239 | 5.000 |
| 25 | 10.00 | 2241 | 22409.64 | 0.00 | | 1.211 | 5.000 |
| 26 | 10.00 | 2748 | 27483.69 | 0.00 | | 0.346 | 5.000 |
| 59 | 10.00 | 29085 | 290853.51 | 0.00 | | 0.437 | 5.000 |
| 115 | 10.00 | 35524 | 355240.30 | 0.00 | | 0.385 | 5.000 |
| 206 | 10.00 | 8312 | 83124.13 | 0.00 | | 0.707 | 5.000 |
| 207 | 10.00 | 7287 | 72874.05 | 0.00 | | 0.385 | 5.000 |
| 208 | 10.00 | 17698 | 176982.14 | 0.00 | | 0.431 | 5.000 |

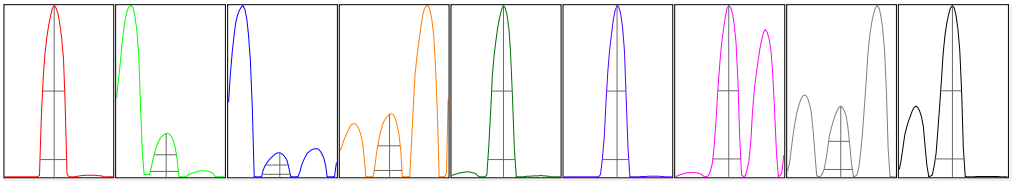
| Mass | RSD% (Flag) |
|---|---|
| 9 | |
| 24 | |
| 25 | |
| 26 | |
| 59 | |
| 115 | |
| 206 | |
| 207 | |
| 208 | |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|---|---|---|---|---|---|
| 9 | 3861 | 3894 | 3919 | 3874 | 3903 |
| 24 | 16073 | 16104 | 16055 | 16021 | 16010 |
| 25 | 2213 | 2235 | 2218 | 2268 | 2271 |
| 26 | 2744 | 2749 | 2751 | 2736 | 2762 |
| 59 | 29230 | 29088 | 29150 | 29072 | 28887 |
| 115 | 35459 | 35467 | 35678 | 35655 | 35362 |
| 206 | 8266 | 8310 | 8260 | 8320 | 8407 |
| 207 | 7239 | 7295 | 7290 | 7303 | 7310 |
| 208 | 17687 | 17671 | 17799 | 17595 | 17739 |

Integration Time [sec] 0.1

**Resolution/Axis**

# US EPA Tune Check Report



| Mass | Peak Height | Axis | Axis (Required) | Axis (Flag) |
|---|---|---|---|---|
| 9 | 6874.80 | 8.90 | 8.90 - 9.10 | |
| 24 | 27962.64 | 23.90 | 23.90 - 24.10 | |
| 25 | 3919.22 | 24.95 | 24.90 - 25.10 | |
| 26 | 4590.01 | 25.90 | 25.90 - 26.10 | |
| 59 | 54541.70 | 58.95 | 58.90 - 59.10 | |
| 115 | 70221.27 | 115.00 | 114.90 - 115.10 | |
| 206 | 15413.59 | 206.00 | 205.90 - 206.10 | |
| 207 | 13256.20 | 207.00 | 206.90 - 207.10 | |
| 208 | 32177.08 | 208.00 | 207.90 - 208.10 | |

| Mass | W-50% | W-10% | W-10% (Required) | W-10% (Flag) |
|---|---|---|---|---|
| 9 | 0.61 | 0.727 | 0.900 | |
| 24 | 0.61 | 0.766 | 0.900 | |
| 25 | 0.62 | 0.770 | 0.900 | |
| 26 | 0.61 | 0.765 | 0.900 | |
| 59 | 0.57 | 0.743 | 0.900 | |
| 115 | 0.53 | 0.723 | 0.900 | |
| 206 | 0.56 | 0.767 | 0.900 | |
| 207 | 0.57 | 0.772 | 0.900 | |
| 208 | 0.57 | 0.791 | 0.900 | |

| | |
|---|---|
| Integration Time [sec] | 0.1 |
| Acquisition Time [sec] | 198.999999999998 |
| Y Axis | Linear |

## Tune Parameters

### Plasma Parameters

| | | | | | |
|---|---|---|---|---|---|
| Plasma Mode | General Purpose | Nebulizer Gas | 1.09 L/min | Makeup Gas | 0.00 L/min |
| RF Power | 1550 W | Option Gas | --- | Auxiliary Gas | 0.90 L/min |
| RF Matching | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp | 2 °C | | |

### Lens Parameters

| | | | | | |
|---|---|---|---|---|---|
| Extract 1 | 0.0 V | Omega Lens | 8.0 V | Deflect | 12.4 V |
| Extract 2 | -195.0 V | Cell Entrance | -30 V | Plate Bias | -35 V |
| Omega Bias | -70 V | Cell Exit | -50 V | | |

### Cell Parameters

| | | | | | |
|---|---|---|---|---|---|
| Use Gas | No | 3rd Gas Flow | --- | Energy Discrimination | 5.0 V |

# US EPA Tune Check Report

| | | | | | |
|---|---|---|---|---|---|
| He Flow | 0.0 mL/min | OctP Bias | -8.0 V | | |
| H2 Flow | 0.0 mL/min | OctP RF | 200 V | | |

**QP Parameters**

| | | | | | |
|---|---|---|---|---|---|
| Mass Gain | 125 | Axis Gain | 1.0006 | QP Bias | -3.0 V |
| Mass Offset | 124 | Axis Offset | -0.07 | | |

**Hardware Settings**

**Torch**

| | | | | | |
|---|---|---|---|---|---|
| Torch H | 1.4 mm | Torch V | -0.8 mm | | |

**EM**

| | | | | | |
|---|---|---|---|---|---|
| Discriminator | 3.3 mV | Analog HV | 2263 V | Pulse HV | 1322 V |

# Calibration Blank

**File Name** 004CALB.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:17:19

**Sample Name** **IC CAL-Blk**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1101

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 11.11 | 75.5 |
| B | 11 | 6 | No Gas | 3287.07 | 1.8 |
| Na | 23 | 45 | He | 16802.35 | 1.0 |
| Mg | 24 | 45 | He | 65.56 | 25.1 |
| Al | 27 | 45 | He | 28.89 | 17.6 |
| K | 39 | 45 | He | 1681.23 | 8.8 |
| Ca | 40 | 45 | H2 | 46711.92 | 1.7 |
| Ti | 47 | 45 | He | 3.33 | 62.4 |
| V | 51 | 45 | He | 58.89 | 17.3 |
| Cr | 52 | 45 | He | 1741.23 | 4.8 |
| Mn | 55 | 45 | He | 71.11 | 23.1 |
| Fe | 56 | 45 | H2 | 41604.34 | 1.1 |
| Co | 59 | 45 | He | 43.33 | 23.1 |
| Ni | 60 | 45 | He | 316.67 | 9.6 |
| Cu | 63 | 45 | He | 301.12 | 14.4 |
| Zn | 66 | 45 | He | 517.79 | 9.4 |
| As | 75 | 45 | He | 4.44 | 43.4 |
| Se | 78 | 45 | H2 | 4.44 | 43.4 |
| Sr | 88 | 115 | He | 12.22 | 41.7 |
| Mo | 95 | 115 | He | 16.67 | 52.9 |
| Ag | 107 | 115 | He | 8.89 | 94.4 |
| Cd | 111 | 115 | He | 0.00 | N/A |
| Sn | 118 | 115 | He | 228.89 | 16.6 |
| Sb | 121 | 115 | He | 20.00 | 50.0 |
| Ba | 137 | 159 | He | 8.89 | 78.1 |
| Tl | 205 | 209 | He | 7.78 | 137.8 |
| [Pb] | 206 | 209 | He | 85.56 | 6.0 |
| [Pb] | 207 | 209 | He | 84.45 | 19.9 |
| Pb | 208 | 209 | He | 353.34 | 12.7 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % |
|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3724051.65 | 4.3 | 100.0 |
| Sc (ISICPMS) | 45 | No Gas | 5696230.54 | 3.5 | 100.0 |
| Sc (ISICPMS) | 45 | H2 | 1712369.35 | 1.7 | 100.0 |
| Sc (ISICPMS) | 45 | He | 42202.34 | 1.0 | 100.0 |
| Ge (IS) | 74 | H2 | 353043.54 | 1.2 | 100.0 |
| Ge (IS) | 74 | He | 28515.59 | 2.5 | 100.0 |
| Kr | 83 | He | 0.00 | N/A | |

## Calibration Blank

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % |
|---|---|---|---|---|---|
| In-1 | 115 | He | 62346.74 | 1.0 | 100.0 |
| Tb (IS) | 159 | He | 381487.89 | 0.9 | 100.0 |
| Bi (IS) | 209 | He | 318050.55 | 1.0 | 100.0 |

# Calibration Standard

**File Name** 005CALS.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:20:20

**Sample Name** **IC CAL1**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 797.80 | 8.5 |
| B | 11 | 6 | No Gas | 60315.61 | 3.9 |
| Na | 23 | 45 | He | 26490.60 | 0.8 |
| Mg | 24 | 45 | He | 3915.02 | 0.4 |
| Al | 27 | 45 | He | 181.12 | 2.1 |
| K | 39 | 45 | He | 3462.68 | 0.8 |
| Ca | 40 | 45 | H2 | 239638.98 | 1.0 |
| Ti | 47 | 45 | He | 20.67 | 22.9 |
| V | 51 | 45 | He | 1150.06 | 3.3 |
| Cr | 52 | 45 | He | 3254.85 | 1.5 |
| Mn | 55 | 45 | He | 943.38 | 5.8 |
| Fe | 56 | 45 | H2 | 323527.43 | 0.9 |
| Co | 59 | 45 | He | 3162.61 | 2.1 |
| Ni | 60 | 45 | He | 1256.74 | 4.1 |
| Cu | 63 | 45 | He | 3009.25 | 4.6 |
| Zn | 66 | 45 | He | 1407.86 | 0.5 |
| As | 75 | 45 | He | 91.11 | 18.4 |
| Se | 78 | 45 | H2 | 196.67 | 7.4 |
| Sr | 88 | 115 | He | 397.79 | 11.1 |
| Mo | 95 | 115 | He | 1047.82 | 4.5 |
| Ag | 107 | 115 | He | 2096.85 | 0.7 |
| Cd | 111 | 115 | He | 178.89 | 15.8 |
| Sn | 118 | 115 | He | 2611.39 | 1.0 |
| Sb | 121 | 115 | He | 398.90 | 15.8 |
| Ba | 137 | 159 | He | 230.00 | 6.3 |
| Tl | 205 | 209 | He | 1840.15 | 3.6 |
| [Pb] | 206 | 209 | He | 954.49 | 3.8 |
| [Pb] | 207 | 209 | He | 880.04 | 2.0 |
| Pb | 208 | 209 | He | 4000.28 | 1.9 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3770827.58 | 1.2 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5771443.38 | 1.8 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1699853.83 | 1.9 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41677.39 | 1.0 | 98.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 348775.19 | 0.6 | 98.8 | 70 | 140 | |

Calibration Standard

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 28102.54 | 1.1 | 98.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 61051.77 | 1.4 | 97.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 374858.99 | 0.3 | 98.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 313560.51 | 1.0 | 98.6 | 70 | 140 | |

# Calibration Standard

**File Name** 006CALS.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:23:06

**Sample Name** **IC CAL2**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 4087.28 | 4.3 |
| B | 11 | 6 | No Gas | 286297.46 | 2.1 |
| Na | 23 | 45 | He | 60252.37 | 0.8 |
| Mg | 24 | 45 | He | 18993.00 | 1.7 |
| Al | 27 | 45 | He | 811.14 | 10.7 |
| K | 39 | 45 | He | 9895.81 | 1.5 |
| Ca | 40 | 45 | H2 | 1024511.08 | 0.6 |
| Ti | 47 | 45 | He | 96.34 | 12.2 |
| V | 51 | 45 | He | 5343.31 | 2.1 |
| Cr | 52 | 45 | He | 9344.36 | 0.8 |
| Mn | 55 | 45 | He | 4705.28 | 4.1 |
| Fe | 56 | 45 | H2 | 1482951.71 | 1.3 |
| Co | 59 | 45 | He | 15931.58 | 0.5 |
| Ni | 60 | 45 | He | 4982.05 | 3.0 |
| Cu | 63 | 45 | He | 14255.31 | 0.9 |
| Zn | 66 | 45 | He | 5052.08 | 3.8 |
| As | 75 | 45 | He | 357.79 | 1.9 |
| Se | 78 | 45 | H2 | 970.04 | 3.1 |
| Sr | 88 | 115 | He | 2006.83 | 4.5 |
| Mo | 95 | 115 | He | 5455.60 | 0.9 |
| Ag | 107 | 115 | He | 10723.29 | 1.7 |
| Cd | 111 | 115 | He | 937.82 | 3.9 |
| Sn | 118 | 115 | He | 12828.52 | 2.7 |
| Sb | 121 | 115 | He | 1934.60 | 3.1 |
| Ba | 137 | 159 | He | 1212.29 | 7.2 |
| Tl | 205 | 209 | He | 9315.77 | 1.8 |
| [Pb] | 206 | 209 | He | 4474.17 | 0.8 |
| [Pb] | 207 | 209 | He | 3977.32 | 3.7 |
| Pb | 208 | 209 | He | 18305.44 | 0.6 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3893254.66 | 1.2 | 104.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5764842.62 | 1.0 | 101.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1728125.13 | 1.3 | 100.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42187.73 | 1.8 | 100.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 347226.57 | 0.4 | 98.4 | 70 | 140 | |

Calibration Standard

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 28156.01 | 0.9 | 98.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 62272.18 | 0.3 | 99.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 381594.22 | 1.3 | 100.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 316447.37 | 0.2 | 99.5 | 70 | 140 | |

# Calibration Standard

**File Name** 007CALS.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:25:51

**Sample Name** **IC CAL3**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 51535.03 | 2.4 |
| B | 11 | 6 | No Gas | 97424.11 | 2.8 |
| Na | 23 | 45 | He | 545732.96 | 0.2 |
| Mg | 24 | 45 | He | 228756.84 | 0.6 |
| Al | 27 | 45 | He | 47494.16 | 1.4 |
| K | 39 | 45 | He | 99775.31 | 1.0 |
| Ca | 40 | 45 | H2 | 11679595.66 | 1.1 |
| Ti | 47 | 45 | He | 240.36 | 1.5 |
| V | 51 | 45 | He | 12471.30 | 0.4 |
| Cr | 52 | 45 | He | 20167.08 | 1.2 |
| Mn | 55 | 45 | He | 5578.95 | 5.1 |
| Fe | 56 | 45 | H2 | 28916132.90 | 0.7 |
| Co | 59 | 45 | He | 38353.78 | 1.0 |
| Ni | 60 | 45 | He | 11422.62 | 0.2 |
| Cu | 63 | 45 | He | 32954.34 | 0.1 |
| Zn | 66 | 45 | He | 7683.33 | 2.6 |
| As | 75 | 45 | He | 1605.66 | 1.3 |
| Se | 78 | 45 | H2 | 4036.18 | 1.6 |
| Sr | 88 | 115 | He | 4657.51 | 1.3 |
| Mo | 95 | 115 | He | 13155.44 | 1.9 |
| Ag | 107 | 115 | He | 26061.23 | 0.5 |
| Cd | 111 | 115 | He | 4856.49 | 5.9 |
| Sn | 118 | 115 | He | 7542.21 | 3.0 |
| Sb | 121 | 115 | He | 9557.97 | 3.9 |
| Ba | 137 | 159 | He | 2951.48 | 6.0 |
| Tl | 205 | 209 | He | 113572.13 | 0.7 |
| [Pb] | 206 | 209 | He | 36458.66 | 1.5 |
| [Pb] | 207 | 209 | He | 32122.47 | 0.2 |
| Pb | 208 | 209 | He | 147968.39 | 0.5 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3883610.43 | 1.6 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5805792.69 | 0.4 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1688645.91 | 1.6 | 98.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 40469.36 | 1.5 | 95.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 352868.96 | 0.7 | 100.0 | 70 | 140 | |

Calibration Standard

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 28228.34 | 1.3 | 99.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 59384.34 | 0.9 | 95.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 371599.49 | 1.8 | 97.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 301714.61 | 0.4 | 94.9 | 70 | 140 | |

# Calibration Standard

**File Name** 008CALS.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:28:35

**Sample Name** **IC CAL4**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 102694.16 | 1.9 |
| B | 11 | 6 | No Gas | 185612.83 | 2.1 |
| Na | 23 | 45 | He | 1081867.48 | 0.2 |
| Mg | 24 | 45 | He | 464582.61 | 1.3 |
| Al | 27 | 45 | He | 92354.48 | 0.7 |
| K | 39 | 45 | He | 197068.36 | 1.4 |
| Ca | 40 | 45 | H2 | 23439486.32 | 0.8 |
| Ti | 47 | 45 | He | 476.72 | 3.3 |
| V | 51 | 45 | He | 25492.63 | 1.6 |
| Cr | 52 | 45 | He | 38508.37 | 1.1 |
| Mn | 55 | 45 | He | 11292.50 | 2.6 |
| Fe | 56 | 45 | H2 | 57083784.15 | 1.3 |
| Co | 59 | 45 | He | 74532.15 | 0.4 |
| Ni | 60 | 45 | He | 22634.39 | 1.4 |
| Cu | 63 | 45 | He | 65077.99 | 0.2 |
| Zn | 66 | 45 | He | 14266.42 | 1.4 |
| As | 75 | 45 | He | 3282.64 | 2.6 |
| Se | 78 | 45 | H2 | 7883.47 | 3.1 |
| Sr | 88 | 115 | He | 9485.64 | 1.9 |
| Mo | 95 | 115 | He | 25857.27 | 0.8 |
| Ag | 107 | 115 | He | 52411.08 | 0.8 |
| Cd | 111 | 115 | He | 9272.19 | 1.0 |
| Sn | 118 | 115 | He | 15254.47 | 2.3 |
| Sb | 121 | 115 | He | 19056.09 | 1.1 |
| Ba | 137 | 159 | He | 5626.80 | 0.5 |
| Tl | 205 | 209 | He | 227286.59 | 0.9 |
| [Pb] | 206 | 209 | He | 72600.12 | 0.6 |
| [Pb] | 207 | 209 | He | 64599.81 | 2.1 |
| Pb | 208 | 209 | He | 294200.56 | 0.7 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3616013.07 | 4.7 | 97.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5459921.31 | 3.2 | 95.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1685125.50 | 0.2 | 98.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 39903.24 | 1.4 | 94.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 354933.30 | 0.9 | 100.5 | 70 | 140 | |

Calibration Standard

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 28231.67 | 1.8 | 99.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 59763.15 | 1.4 | 95.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 373935.35 | 0.8 | 98.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 306061.03 | 0.3 | 96.2 | 70 | 140 | |

# Calibration Standard

**File Name** 009CALS.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:31:21

**Sample Name** **IC CAL5**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | CPS | CPS RSD |
|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 215144.50 | 0.2 |
| B | 11 | 6 | No Gas | 370727.61 | 1.8 |
| Na | 23 | 45 | He | 2187791.48 | 0.4 |
| Mg | 24 | 45 | He | 946606.06 | 1.2 |
| Al | 27 | 45 | He | 193278.98 | 1.4 |
| K | 39 | 45 | He | 406417.02 | 0.9 |
| Ca | 40 | 45 | H2 | 47099177.08 | 2.3 |
| Ti | 47 | 45 | He | 985.80 | 5.4 |
| V | 51 | 45 | He | 52978.58 | 0.4 |
| Cr | 52 | 45 | He | 78618.34 | 1.1 |
| Mn | 55 | 45 | He | 23047.19 | 2.5 |
| Fe | 56 | 45 | H2 | 114286491.63 | 2.1 |
| Co | 59 | 45 | He | 156296.33 | 0.4 |
| Ni | 60 | 45 | He | 45841.20 | 0.8 |
| Cu | 63 | 45 | He | 133576.95 | 0.4 |
| Zn | 66 | 45 | He | 29111.12 | 1.1 |
| As | 75 | 45 | He | 6502.72 | 3.5 |
| Se | 78 | 45 | H2 | 16213.12 | 4.0 |
| Sr | 88 | 115 | He | 19210.48 | 1.8 |
| Mo | 95 | 115 | He | 53566.04 | 0.9 |
| Ag | 107 | 115 | He | 106216.76 | 0.6 |
| Cd | 111 | 115 | He | 19264.10 | 1.0 |
| Sn | 118 | 115 | He | 31298.40 | 1.5 |
| Sb | 121 | 115 | He | 39532.66 | 1.2 |
| Ba | 137 | 159 | He | 11651.94 | 1.3 |
| Tl | 205 | 209 | He | 465226.04 | 0.5 |
| [Pb] | 206 | 209 | He | 147005.65 | 0.5 |
| [Pb] | 207 | 209 | He | 130439.53 | 0.4 |
| Pb | 208 | 209 | He | 596086.73 | 0.3 |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3706807.10 | 4.8 | 99.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5593298.32 | 3.2 | 98.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1653843.88 | 0.5 | 96.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41427.82 | 0.2 | 98.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 355367.28 | 0.5 | 100.7 | 70 | 140 | |

Calibration Standard

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29504.35 | 0.1 | 103.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 59563.37 | 0.7 | 95.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 374170.94 | 0.8 | 98.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 300001.41 | 1.0 | 94.3 | 70 | 140 | |

# Initial Calibration Verification (ICV)

**File Name** 010_ICV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:34:05

**Sample Name** **ICV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 79.767 | ug/l | 6.6 | 80 | 72 | 88 | |
| B | 11 | 6 | No Gas | 212.941 | ug/l | 7.8 | 200 | 180 | 220 | |
| Na | 23 | 45 | He | 20038.557 | ug/l | 2.4 | 20000 | 18000 | 22000 | |
| Mg | 24 | 45 | He | 19872.364 | ug/l | 0.8 | 20000 | 18000 | 22000 | |
| Al | 27 | 45 | He | 20108.771 | ug/l | 0.9 | 20000 | 18000 | 22000 | |
| K | 39 | 45 | He | 20073.343 | ug/l | 1.4 | 20000 | 18000 | 22000 | |
| Ca | 40 | 45 | H2 | 19526.189 | ug/l | 1.7 | 20000 | 18000 | 22000 | |
| Ti | 47 | 45 | He | 76.875 | ug/l | 11.4 | 80 | 72 | 88 | |
| V | 51 | 45 | He | 80.172 | ug/l | 1.3 | 80 | 72 | 88 | |
| Cr | 52 | 45 | He | 81.427 | ug/l | 2.0 | 80 | 72 | 88 | |
| Mn | 55 | 45 | He | 81.343 | ug/l | 1.1 | 80 | 72 | 88 | |
| Fe | 56 | 45 | H2 | 19865.842 | ug/l | 1.4 | 20000 | 18000 | 22000 | |
| Co | 59 | 45 | He | 81.908 | ug/l | 0.9 | 80 | 72 | 88 | |
| Ni | 60 | 45 | He | 81.368 | ug/l | 1.4 | 80 | 72 | 88 | |
| Cu | 63 | 45 | He | 82.007 | ug/l | 0.5 | 80 | 72 | 88 | |
| Zn | 66 | 45 | He | 200.161 | ug/l | 1.5 | 200 | 180 | 220 | |
| As | 75 | 45 | He | 81.789 | ug/l | 4.5 | 80 | 72 | 88 | |
| Se | 78 | 45 | H2 | 78.383 | ug/l | 5.1 | 80 | 72 | 88 | |
| Sr | 88 | 115 | He | 81.315 | ug/l | 1.7 | 80 | 72 | 88 | |
| Mo | 95 | 115 | He | 80.019 | ug/l | 1.8 | 80 | 72 | 88 | |
| Ag | 107 | 115 | He | 40.199 | ug/l | 1.4 | 40 | 36 | 44 | |
| Cd | 111 | 115 | He | 79.225 | ug/l | 3.7 | 80 | 72 | 88 | |
| Sn | 118 | 115 | He | 79.137 | ug/l | 1.1 | 80 | 72 | 88 | |
| Sb | 121 | 115 | He | 80.803 | ug/l | 2.6 | 80 | 72 | 88 | |
| Ba | 137 | 159 | He | 82.251 | ug/l | 2.4 | 80 | 72 | 88 | |
| Tl | 205 | 209 | He | 79.816 | ug/l | 0.4 | 80 | 72 | 88 | |
| [Pb] | 206 | 209 | He | 80.000 | ug/l | 1.3 | | | | |
| [Pb] | 207 | 209 | He | 80.458 | ug/l | 2.9 | | | | |
| Pb | 208 | 209 | He | 80.487 | ug/l | 0.1 | 80 | 72 | 88 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3741635.74 | 7.6 | 100.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5704974.43 | 4.8 | 100.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1736689.14 | 0.8 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41548.08 | 0.6 | 98.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 354972.23 | 0.9 | 100.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 28978.82 | 1.7 | 101.6 | 70 | 140 | |

# Initial Calibration Verification (ICV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 6.67 | 86.6 | | | | |
| In-1 | 115 | He | 60701.82 | 1.6 | 97.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 376775.20 | 1.0 | 98.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 307397.11 | 0.7 | 96.7 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 011_ICB.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:36:37

**Sample Name** **ICB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1101

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.015 | ug/l | 47.6 | 0.4 | -0.4 | 0.4 | |
| B | 11 | 6 | No Gas | 5.031 | ug/l | 13.2 | 20 | -20 | 20 | |
| Na | 23 | 45 | He | -1.972 | ug/l | N/A | 250 | -250 | 250 | |
| Mg | 24 | 45 | He | 2.418 | ug/l | 47.5 | 100 | -100 | 100 | |
| Al | 27 | 45 | He | -0.472 | ug/l | N/A | 20 | -20 | 20 | |
| K | 39 | 45 | He | 14.682 | ug/l | 105.5 | 100 | -100 | 100 | |
| Ca | 40 | 45 | H2 | 0.049 | ug/l | 3001.3 | 250 | -250 | 250 | |
| Ti | 47 | 45 | He | 0.073 | ug/l | 310.7 | 2 | -2 | 2 | |
| V | 51 | 45 | He | -0.039 | ug/l | N/A | 2 | -2 | 2 | |
| Cr | 52 | 45 | He | -0.012 | ug/l | N/A | 2 | -2 | 2 | |
| Mn | 55 | 45 | He | -0.117 | ug/l | N/A | 4 | -4 | 4 | |
| Fe | 56 | 45 | H2 | 2.233 | ug/l | 14.7 | 30 | -30 | 30 | |
| Co | 59 | 45 | He | -0.006 | ug/l | N/A | 2 | -2 | 2 | |
| Ni | 60 | 45 | He | -0.085 | ug/l | N/A | 2 | -2 | 2 | |
| Cu | 63 | 45 | He | 0.019 | ug/l | 205.8 | 2 | -2 | 2 | |
| Zn | 66 | 45 | He | -0.348 | ug/l | N/A | 8 | -8 | 8 | |
| As | 75 | 45 | He | -0.835 | ug/l | N/A | 1 | -1 | 1 | |
| Se | 78 | 45 | H2 | 0.402 | ug/l | 27.6 | 1.25 | -1.25 | 1.25 | |
| Sr | 88 | 115 | He | -0.054 | ug/l | N/A | 2 | -2 | 2 | |
| Mo | 95 | 115 | He | 0.214 | ug/l | 17.0 | 2 | -2 | 2 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 78.1 | 1 | -1 | 1 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 1 | -1 | 1 | |
| Sn | 118 | 115 | He | -0.217 | ug/l | N/A | 8 | -8 | 8 | |
| Sb | 121 | 115 | He | 0.097 | ug/l | 66.1 | 1 | -1 | 1 | |
| Ba | 137 | 159 | He | -0.035 | ug/l | N/A | 2 | -2 | 2 | |
| Tl | 205 | 209 | He | 0.021 | ug/l | 67.4 | 0.4 | -0.4 | 0.4 | |
| [Pb] | 206 | 209 | He | 0.016 | ug/l | 73.2 | | | | |
| [Pb] | 207 | 209 | He | -0.032 | ug/l | N/A | | | | |
| Pb | 208 | 209 | He | 0.004 | ug/l | 66.9 | 0.6 | -0.6 | 0.6 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3721846.34 | 6.4 | 99.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5634061.30 | 3.8 | 98.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1707483.88 | 1.4 | 99.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41859.12 | 1.9 | 99.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 343766.50 | 1.4 | 97.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 27873.14 | 1.4 | 97.7 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 43.3 | | | | |
| In-1 | 115 | He | 61035.69 | 0.4 | 97.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 374210.89 | 0.3 | 98.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 310175.34 | 0.6 | 97.5 | 70 | 140 | |

# CRQL Check Standard (CRI)

**File Name** 012_CRI.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:39:10

**Sample Name** **CRI**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.793 | ug/l | 10.1 | 0.8 | 0.4 | 1.2 | |
| B | 11 | 6 | No Gas | 80.252 | ug/l | 4.9 | 80 | 40 | 120 | |
| Na | 23 | 45 | He | 212.771 | ug/l | 1.7 | 200 | 100 | 300 | |
| Mg | 24 | 45 | He | 196.180 | ug/l | 4.4 | 200 | 100 | 300 | |
| Al | 27 | 45 | He | 43.172 | ug/l | 6.0 | 40 | 20 | 60 | |
| K | 39 | 45 | He | 207.738 | ug/l | 3.7 | 200 | 100 | 300 | |
| Ca | 40 | 45 | H2 | 205.353 | ug/l | 1.3 | 200 | 100 | 300 | |
| Ti | 47 | 45 | He | 4.234 | ug/l | 9.7 | 4 | 2 | 6 | |
| V | 51 | 45 | He | 3.724 | ug/l | 5.4 | 4 | 2 | 6 | |
| Cr | 52 | 45 | He | 3.962 | ug/l | 2.8 | 4 | 2 | 6 | |
| Mn | 55 | 45 | He | 7.801 | ug/l | 4.6 | 8 | 4 | 12 | |
| Fe | 56 | 45 | H2 | 122.805 | ug/l | 0.8 | 120 | 60 | 180 | |
| Co | 59 | 45 | He | 4.078 | ug/l | 1.1 | 4 | 2 | 6 | |
| Ni | 60 | 45 | He | 4.026 | ug/l | 8.4 | 4 | 2 | 6 | |
| Cu | 63 | 45 | He | 4.258 | ug/l | 4.5 | 4 | 2 | 6 | |
| Zn | 66 | 45 | He | 15.512 | ug/l | 4.2 | 16 | 8 | 24 | |
| As | 75 | 45 | He | 0.792 | ug/l | 12.3 | 2 | 1 | 3 | fail 200.8 |
| Se | 78 | 45 | H2 | 2.948 | ug/l | 11.2 | 2.5 | 1.25 | 3.75 | |
| Sr | 88 | 115 | He | 3.666 | ug/l | 3.7 | 4 | 2 | 6 | |
| Mo | 95 | 115 | He | 4.179 | ug/l | 6.3 | 4 | 2 | 6 | |
| Ag | 107 | 115 | He | 1.930 | ug/l | 3.1 | 2 | 1 | 3 | |
| Cd | 111 | 115 | He | 2.091 | ug/l | 15.1 | 2 | 1 | 3 | |
| Sn | 118 | 115 | He | 15.617 | ug/l | 5.9 | 16 | 8 | 24 | |
| Sb | 121 | 115 | He | 1.988 | ug/l | 21.2 | 2 | 1 | 3 | |
| Ba | 137 | 159 | He | 4.132 | ug/l | 14.1 | 4 | 2 | 6 | |
| Tl | 205 | 209 | He | 0.793 | ug/l | 3.0 | 0.8 | 0.4 | 1.2 | |
| [Pb] | 206 | 209 | He | 1.130 | ug/l | 1.8 | | | | |
| [Pb] | 207 | 209 | He | 1.133 | ug/l | 3.4 | | | | |
| Pb | 208 | 209 | He | 1.153 | ug/l | 1.8 | 1.2 | 0.6 | 1.8 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3836834.46 | 2.5 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5829514.15 | 2.0 | 102.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1679751.45 | 1.0 | 98.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42495.33 | 0.2 | 100.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 344979.24 | 0.9 | 97.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 28496.66 | 0.2 | 99.9 | 70 | 140 | |

# CRQL Check Standard (CRI)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 6.67 | 86.6 | | | | |
| In-1 | 115 | He | 61622.51 | 0.8 | 98.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 380747.87 | 0.7 | 99.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 314158.71 | 0.7 | 98.8 | 70 | 140 | |

# Interference Check Standard-A (ICSA)

**File Name** 013ICSA.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:42:05

**Sample Name** **ICSA 12337170**

**Comment** ---

**Dilution** 1.0000

**Multiquant Table** 4508

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.007 | ug/l | 25.7 | 0.8 | -1.6 | 1.6 | |
| B | 11 | 6 | No Gas | 2.856 | ug/l | 8.2 | 80 | -160 | 160 | |
| Na | 23 | 45 | He | 99325.776 | ug/l | 1.0 | 100000 | 80000 | 120000 | |
| Mg | 24 | 45 | He | 100342.835 | ug/l | 0.4 | 100000 | 80000 | 120000 | |
| Al | 27 | 45 | He | 99038.280 | ug/l | 1.0 | 100000 | 80000 | 120000 | |
| K | 39 | 45 | He | 101183.446 | ug/l | 0.8 | 100000 | 80000 | 120000 | |
| Ca | 40 | 45 | H2 | 98735.815 | ug/l | 0.5 | 100000 | 80000 | 120000 | |
| Ti | 47 | 45 | He | 2035.001 | ug/l | 1.6 | 2000 | 1600 | 2400 | |
| V | 51 | 45 | He | 0.005 | ug/l | 1148.7 | 4 | -8 | 8 | |
| Cr | 52 | 45 | He | 0.513 | ug/l | 36.2 | 4 | -8 | 8 | |
| Mn | 55 | 45 | He | 0.846 | ug/l | 13.2 | 8 | -16 | 16 | |
| Fe | 56 | 45 | H2 | 101167.326 | ug/l | 0.5 | 100000 | 80000 | 120000 | |
| Co | 59 | 45 | He | 0.335 | ug/l | 12.2 | 4 | -8 | 8 | |
| Ni | 60 | 45 | He | 0.233 | ug/l | 79.2 | 4 | -8 | 8 | |
| Cu | 63 | 45 | He | 0.385 | ug/l | 4.6 | 4 | -8 | 8 | |
| Zn | 66 | 45 | He | 0.189 | ug/l | 517.9 | 16 | -32 | 32 | |
| As | 75 | 45 | He | -0.695 | ug/l | N/A | 2 | -4 | 4 | |
| Se | 78 | 45 | H2 | 0.274 | ug/l | 25.1 | 2.5 | -5 | 5 | |
| Sr | 88 | 115 | He | 0.839 | ug/l | 32.0 | 4 | -8 | 8 | |
| Mo | 95 | 115 | He | 1988.397 | ug/l | 1.5 | 2000 | -4000 | 4000 | |
| Ag | 107 | 115 | He | 0.028 | ug/l | 24.9 | 2 | -4 | 4 | |
| Cd | 111 | 115 | He | 0.301 | ug/l | 35.0 | 2 | -4 | 4 | |
| Sn | 118 | 115 | He | -0.161 | ug/l | N/A | 16 | -32 | 32 | |
| Sb | 121 | 115 | He | 0.089 | ug/l | 118.7 | 2 | -4 | 4 | |
| Ba | 137 | 159 | He | 0.544 | ug/l | 27.5 | 4 | -8 | 8 | |
| Tl | 205 | 209 | He | 0.010 | ug/l | 88.8 | 0.8 | -1.6 | 1.6 | |
| [Pb] | 206 | 209 | He | 0.196 | ug/l | 5.6 | | | | |
| [Pb] | 207 | 209 | He | 0.166 | ug/l | 31.9 | | | | |
| Pb | 208 | 209 | He | 0.191 | ug/l | 3.8 | 1.2 | -2.4 | 2.4 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3573716.58 | 1.0 | 96.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5640446.52 | 1.8 | 99.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1677279.94 | 1.2 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41348.66 | 0.9 | 98.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 361556.27 | 1.4 | 102.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30062.35 | 1.0 | 105.4 | 70 | 140 | |

# Interference Check Standard-A (ICSA)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 59709.54 | 1.1 | 95.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 372223.33 | 0.5 | 97.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 295411.00 | 0.5 | 92.9 | 70 | 140 | |

# Interference Check Standard-AB (ICSAB)

**File Name** 014ICSB.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:44:37

**Sample Name** **ICSAB 12227171**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 4509

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 195.703 | ug/l | 7.6 | 200 | 160 | 240 | |
| B | 11 | 6 | No Gas | 2.223 | ug/l | 22.2 | | | | |
| Na | 23 | 45 | He | 97073.495 | ug/l | 1.5 | 100000 | 80000 | 120000 | |
| Mg | 24 | 45 | He | 97376.119 | ug/l | 2.0 | 100000 | 80000 | 120000 | |
| Al | 27 | 45 | He | 97202.313 | ug/l | 1.6 | 100000 | 80000 | 120000 | |
| K | 39 | 45 | He | 100207.640 | ug/l | 0.9 | 100000 | 80000 | 120000 | |
| Ca | 40 | 45 | H2 | 97365.297 | ug/l | 1.0 | 100000 | 80000 | 120000 | |
| Ti | 47 | 45 | He | 1972.920 | ug/l | 0.8 | 2000 | 1600 | 2400 | |
| V | 51 | 45 | He | 197.267 | ug/l | 2.7 | 200 | 160 | 240 | |
| Cr | 52 | 45 | He | 195.818 | ug/l | 1.7 | 200 | 160 | 240 | |
| Mn | 55 | 45 | He | 194.228 | ug/l | 0.9 | 200 | 160 | 240 | |
| Fe | 56 | 45 | H2 | 98424.501 | ug/l | 1.7 | 100000 | 80000 | 120000 | |
| Co | 59 | 45 | He | 194.760 | ug/l | 1.8 | 200 | 160 | 240 | |
| Ni | 60 | 45 | He | 196.562 | ug/l | 2.1 | 200 | 160 | 240 | |
| Cu | 63 | 45 | He | 193.670 | ug/l | 2.5 | 200 | 160 | 240 | |
| Zn | 66 | 45 | He | 197.862 | ug/l | 1.5 | 200 | 160 | 240 | |
| As | 75 | 45 | He | 198.300 | ug/l | 3.0 | 200 | 160 | 240 | |
| Se | 78 | 45 | H2 | 192.825 | ug/l | 0.5 | 200 | 160 | 240 | |
| Sr | 88 | 115 | He | 202.811 | ug/l | 1.4 | 200 | 160 | 240 | |
| Mo | 95 | 115 | He | 1994.943 | ug/l | 1.2 | 2000 | 1600 | 2400 | |
| Ag | 107 | 115 | He | 195.597 | ug/l | 1.1 | 200 | 160 | 240 | |
| Cd | 111 | 115 | He | 189.638 | ug/l | 0.5 | 200 | 160 | 240 | |
| Sn | 118 | 115 | He | 194.533 | ug/l | 1.6 | 200 | 160 | 240 | |
| Sb | 121 | 115 | He | 97.602 | ug/l | 2.4 | 100 | 80 | 120 | |
| Ba | 137 | 159 | He | 203.482 | ug/l | 3.9 | 200 | 160 | 240 | |
| Tl | 205 | 209 | He | 100.106 | ug/l | 1.0 | 100 | 80 | 120 | |
| [Pb] | 206 | 209 | He | 198.300 | ug/l | 0.7 | | | | |
| [Pb] | 207 | 209 | He | 197.024 | ug/l | 0.3 | | | | |
| Pb | 208 | 209 | He | 198.279 | ug/l | 0.4 | 200 | 160 | 240 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3586032.51 | 7.0 | 96.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5672192.76 | 4.1 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1707110.27 | 0.3 | 99.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42483.24 | 1.4 | 100.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 370855.57 | 0.2 | 105.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 30952.08 | 0.2 | 108.5 | 70 | 140 | |

# Interference Check Standard-AB (ICSAB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 60571.41 | 0.7 | 97.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 377020.30 | 0.7 | 98.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 299162.09 | 0.5 | 94.1 | 70 | 140 | |

# Linear Range Check (LRC)

**File Name** 015LRCA.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:47:10

**Sample Name** **LRC 12329302**

**Comment** LRC-A

**Dilution** 1.0000

**Vial #** 4510

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 1996.267 | ug/l | 1.1 | 2000 | 1800 | 2200 | |
| B | 11 | 6 | No Gas | 1.056 | ug/l | 15.5 | | | | |
| Na | 23 | 45 | He | 5.546 | ug/l | 74.9 | | | | |
| Mg | 24 | 45 | He | 5.752 | ug/l | 10.2 | | | | |
| Al | 27 | 45 | He | 11.894 | ug/l | 33.6 | | | | |
| K | 39 | 45 | He | 22.560 | ug/l | 90.5 | | | | |
| Ca | 40 | 45 | H2 | 10.716 | ug/l | 8.0 | | | | |
| Ti | 47 | 45 | He | 2.099 | ug/l | 24.0 | | | | |
| V | 51 | 45 | He | 4787.108 | ug/l | 1.5 | 5000 | 4500 | 5500 | |
| Cr | 52 | 45 | He | 18994.693 | ug/l | 1.8 | 20000 | 18000 | 22000 | |
| Mn | 55 | 45 | He | 19454.379 | ug/l | 1.6 | 20000 | 18000 | 22000 | |
| Fe | 56 | 45 | H2 | 16.691 | ug/l | 2.3 | | | | |
| Co | 59 | 45 | He | 1936.136 | ug/l | 1.3 | 2000 | 1800 | 2200 | |
| Ni | 60 | 45 | He | 19663.648 | ug/l | 1.5 | 20000 | 18000 | 22000 | |
| Cu | 63 | 45 | He | 19386.240 | ug/l | 0.7 | 20000 | 18000 | 22000 | |
| Zn | 66 | 45 | He | 19501.867 | ug/l | 1.8 | 20000 | 18000 | 22000 | |
| As | 75 | 45 | He | 5136.024 | ug/l | 0.7 | 5000 | 4500 | 5500 | |
| Se | 78 | 45 | H2 | 0.319 | ug/l | 15.9 | | | | |
| Sr | 88 | 115 | He | 5018.085 | ug/l | 1.2 | 5000 | 4500 | 5500 | |
| Mo | 95 | 115 | He | 1929.534 | ug/l | 2.1 | 2000 | 1800 | 2200 | |
| Ag | 107 | 115 | He | 0.024 | ug/l | 33.2 | | | | |
| Cd | 111 | 115 | He | 4880.034 | ug/l | 2.5 | 5000 | 4500 | 5500 | |
| Sn | 118 | 115 | He | -0.095 | ug/l | N/A | | | | |
| Sb | 121 | 115 | He | 0.113 | ug/l | 13.5 | | | | |
| Ba | 137 | 159 | He | 19630.113 | ug/l | 0.0 | 20000 | 18000 | 22000 | |
| Tl | 205 | 209 | He | 1020.433 | ug/l | 1.0 | 1000 | 900 | 1100 | |
| [Pb] | 206 | 209 | He | 20088.744 | ug/l | 1.7 | | | | |
| [Pb] | 207 | 209 | He | 19900.284 | ug/l | 1.2 | | | | |
| Pb | 208 | 209 | He | 19925.399 | ug/l | 1.6 | 20000 | 18000 | 22000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3633988.76 | 0.3 | 97.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5733434.36 | 1.9 | 100.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1725890.70 | 1.6 | 100.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42719.37 | 1.0 | 101.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 359869.72 | 1.2 | 101.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 29150.26 | 2.4 | 102.2 | 70 | 140 | |

## Linear Range Check (LRC)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 62533.15 | 1.5 | 100.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 382802.54 | 0.6 | 100.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 316521.66 | 0.5 | 99.5 | 70 | 140 | |

# Linear Range Check (LRC)

**File Name** 016LRCB.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:49:32

**Sample Name** **LRC 12329303**

**Comment** LRC-B

**Dilution** 1.0000

**Vial #** 4511

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.172 | ug/l | 6.5 | | | | |
| B | 11 | 6 | No Gas | 3.410 | ug/l | 15.0 | | | | |
| Na | 23 | 45 | He | 468036.344 | ug/l | 0.5 | 500000 | 450000 | 550000 | |
| Mg | 24 | 45 | He | 462584.308 | ug/l | 0.3 | 500000 | 450000 | 550000 | |
| Al | 27 | 45 | He | 476398.100 | ug/l | 0.1 | 500000 | 450000 | 550000 | |
| K | 39 | 45 | He | 463445.994 | ug/l | 2.0 | 500000 | 450000 | 550000 | |
| Ca | 40 | 45 | H2 | 66.297 | ug/l | 0.6 | | | | |
| Ti | 47 | 45 | He | 0.714 | ug/l | 55.4 | | | | |
| V | 51 | 45 | He | 0.184 | ug/l | 27.2 | | | | |
| Cr | 52 | 45 | He | 2.661 | ug/l | 7.8 | | | | |
| Mn | 55 | 45 | He | 3.973 | ug/l | 2.3 | | | | |
| Fe | 56 | 45 | H2 | 476913.922 | ug/l | 2.4 | 500000 | 450000 | 550000 | |
| Co | 59 | 45 | He | 1.412 | ug/l | 2.1 | | | | |
| Ni | 60 | 45 | He | 1.035 | ug/l | 10.1 | | | | |
| Cu | 63 | 45 | He | 1.323 | ug/l | 21.9 | | | | |
| Zn | 66 | 45 | He | 4.310 | ug/l | 14.3 | | | | |
| As | 75 | 45 | He | 1.046 | ug/l | 78.4 | | | | |
| Se | 78 | 45 | H2 | 0.203 | ug/l | 12.0 | | | | |
| Sr | 88 | 115 | He | 0.652 | ug/l | 28.1 | | | | |
| Mo | 95 | 115 | He | 2.218 | ug/l | 5.9 | | | | |
| Ag | 107 | 115 | He | 0.068 | ug/l | 30.7 | | | | |
| Cd | 111 | 115 | He | 0.093 | ug/l | 86.6 | | | | |
| Sn | 118 | 115 | He | 0.110 | ug/l | 110.7 | | | | |
| Sb | 121 | 115 | He | 0.854 | ug/l | 12.6 | | | | |
| Ba | 137 | 159 | He | 3.481 | ug/l | 23.2 | | | | |
| Tl | 205 | 209 | He | 0.118 | ug/l | 18.4 | | | | |
| [Pb] | 206 | 209 | He | 1.612 | ug/l | 7.6 | | | | |
| [Pb] | 207 | 209 | He | 1.496 | ug/l | 3.0 | | | | |
| Pb | 208 | 209 | He | 1.578 | ug/l | 2.8 | | | | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3370364.26 | 3.4 | 90.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5493479.57 | 2.7 | 96.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1699975.98 | 0.5 | 99.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42818.58 | 1.3 | 101.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 350104.79 | 1.3 | 99.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 29531.04 | 0.9 | 103.6 | 70 | 140 | |

## Linear Range Check (LRC)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 60092.65 | 1.3 | 96.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 375374.61 | 0.8 | 98.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 285906.39 | 0.2 | 89.9 | 70 | 140 | |

# Linear Range Check (LRC)

**File Name** 017LRCC.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:52:04

**Sample Name** **LRC 12329315**

**Comment** LRC-C

**Dilution** 1.0000

**Vial #** 4512

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.079 | ug/l | 31.5 | | | | |
| B | 11 | 6 | No Gas | 1917.076 | ug/l | 2.6 | 2000 | 1800 | 2200 | |
| Na | 23 | 45 | He | 53.937 | ug/l | 16.2 | | | | |
| Mg | 24 | 45 | He | 72.716 | ug/l | 1.9 | | | | |
| Al | 27 | 45 | He | 14.587 | ug/l | 4.8 | | | | |
| K | 39 | 45 | He | 22.844 | ug/l | 17.7 | | | | |
| Ca | 40 | 45 | H2 | 1016036.825 | ug/l | 2.2 | 1000000 | 900000 | 1100000 | |
| Ti | 47 | 45 | He | 9967.240 | ug/l | 0.2 | 10000 | 9000 | 11000 | |
| V | 51 | 45 | He | 0.165 | ug/l | 48.3 | | | | |
| Cr | 52 | 45 | He | 0.265 | ug/l | 72.5 | | | | |
| Mn | 55 | 45 | He | 0.720 | ug/l | 49.2 | | | | |
| Fe | 56 | 45 | H2 | 17.968 | ug/l | 0.9 | | | | |
| Co | 59 | 45 | He | 0.219 | ug/l | 16.6 | | | | |
| Ni | 60 | 45 | He | 0.340 | ug/l | 63.2 | | | | |
| Cu | 63 | 45 | He | 0.882 | ug/l | 5.2 | | | | |
| Zn | 66 | 45 | He | 1.932 | ug/l | 51.6 | | | | |
| As | 75 | 45 | He | -0.158 | ug/l | N/A | | | | |
| Se | 78 | 45 | H2 | 2944.248 | ug/l | 1.3 | 3000 | 2700 | 3300 | |
| Sr | 88 | 115 | He | 7.307 | ug/l | 2.1 | | | | |
| Mo | 95 | 115 | He | 1.133 | ug/l | 8.3 | | | | |
| Ag | 107 | 115 | He | 942.660 | ug/l | 1.8 | 1000 | 900 | 1100 | |
| Cd | 111 | 115 | He | 0.033 | ug/l | 100.1 | | | | |
| Sn | 118 | 115 | He | 1930.759 | ug/l | 0.8 | 2000 | 1800 | 2200 | |
| Sb | 121 | 115 | He | 983.479 | ug/l | 0.7 | 1000 | 900 | 1100 | |
| Ba | 137 | 159 | He | 2.900 | ug/l | 16.6 | | | | |
| Tl | 205 | 209 | He | 0.057 | ug/l | 10.1 | | | | |
| [Pb] | 206 | 209 | He | 0.767 | ug/l | 6.9 | | | | |
| [Pb] | 207 | 209 | He | 0.806 | ug/l | 11.9 | | | | |
| Pb | 208 | 209 | He | 0.771 | ug/l | 5.4 | | | | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3740340.26 | 2.7 | 100.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5774938.11 | 1.9 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1733132.75 | 1.6 | 101.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43517.60 | 1.1 | 103.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369013.89 | 1.0 | 104.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30289.45 | 1.3 | 106.2 | 70 | 140 | |

## Linear Range Check (LRC)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 63298.43 | 0.3 | 101.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 386327.82 | 0.6 | 101.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 310894.18 | 0.3 | 97.7 | 70 | 140 | |

# Sample Report

**File Name** 018SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:54:36

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.022 | ug/l | 62.2 | 2000 | |
| B | 11 | 6 | No Gas | 19.997 | ug/l | 1.3 | 2000 | |
| Na | 23 | 45 | He | 13.725 | ug/l | 62.6 | 500000 | |
| Mg | 24 | 45 | He | 2.580 | ug/l | 34.1 | 500000 | |
| Al | 27 | 45 | He | 5.105 | ug/l | 44.9 | 500000 | |
| K | 39 | 45 | He | 27.304 | ug/l | 63.7 | 500000 | |
| Ca | 40 | 45 | H2 | 10.045 | ug/l | 6.0 | 1000000 | |
| Ti | 47 | 45 | He | 1.566 | ug/l | 59.3 | 10000 | |
| V | 51 | 45 | He | 0.085 | ug/l | 38.2 | 5000 | |
| Cr | 52 | 45 | He | 0.107 | ug/l | 289.1 | 20000 | |
| Mn | 55 | 45 | He | 0.018 | ug/l | 1030.2 | 20000 | |
| Fe | 56 | 45 | H2 | 2.658 | ug/l | 4.8 | 500000 | |
| Co | 59 | 45 | He | 0.032 | ug/l | 42.3 | 2000 | |
| Ni | 60 | 45 | He | -0.008 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.149 | ug/l | 33.7 | 20000 | |
| Zn | 66 | 45 | He | -0.555 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.511 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 2.414 | ug/l | 10.5 | 3000 | |
| Sr | 88 | 115 | He | 0.007 | ug/l | 1718.6 | 5000 | |
| Mo | 95 | 115 | He | 0.530 | ug/l | 8.6 | 2000 | |
| Ag | 107 | 115 | He | 0.015 | ug/l | 17.9 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.642 | ug/l | 19.7 | 2000 | |
| Sb | 121 | 115 | He | 0.240 | ug/l | 71.6 | 1000 | |
| Ba | 137 | 159 | He | -0.022 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.012 | ug/l | 10.5 | 1000 | |
| [Pb] | 206 | 209 | He | 0.249 | ug/l | 5.1 | | |
| [Pb] | 207 | 209 | He | 0.235 | ug/l | 16.8 | | |
| Pb | 208 | 209 | He | 0.228 | ug/l | 6.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3961938.93 | 2.1 | 106.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5899197.55 | 1.5 | 103.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1754320.03 | 1.1 | 102.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43032.62 | 1.7 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 354630.53 | 0.8 | 100.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 29071.22 | 1.6 | 101.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64213.68 | 0.8 | 103.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 391746.83 | 1.4 | 102.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 321281.45 | 0.9 | 101.0 | 70 | 140 | |

# Sample Report

**File Name** 019SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:57:12

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.026 | ug/l | 22.6 | 2000 | |
| B | 11 | 6 | No Gas | 7.227 | ug/l | 9.2 | 2000 | |
| Na | 23 | 45 | He | -1.436 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 3.244 | ug/l | 25.1 | 500000 | |
| Al | 27 | 45 | He | 2.031 | ug/l | 239.6 | 500000 | |
| K | 39 | 45 | He | 1.022 | ug/l | 1045.1 | 500000 | |
| Ca | 40 | 45 | H2 | 4.911 | ug/l | 32.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.160 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.047 | ug/l | 37.8 | 5000 | |
| Cr | 52 | 45 | He | 0.041 | ug/l | 547.8 | 20000 | |
| Mn | 55 | 45 | He | 0.049 | ug/l | 68.6 | 20000 | |
| Fe | 56 | 45 | H2 | 1.420 | ug/l | 27.7 | 500000 | |
| Co | 59 | 45 | He | 0.001 | ug/l | 1391.6 | 2000 | |
| Ni | 60 | 45 | He | -0.046 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.088 | ug/l | 38.2 | 20000 | |
| Zn | 66 | 45 | He | -0.585 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.654 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.773 | ug/l | 47.2 | 3000 | |
| Sr | 88 | 115 | He | 0.013 | ug/l | 354.4 | 5000 | |
| Mo | 95 | 115 | He | 0.454 | ug/l | 13.7 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 58.0 | 1000 | |
| Cd | 111 | 115 | He | 0.010 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.201 | ug/l | 140.4 | 2000 | |
| Sb | 121 | 115 | He | 0.070 | ug/l | 39.8 | 1000 | |
| Ba | 137 | 159 | He | 0.013 | ug/l | 444.2 | 20000 | |
| Tl | 205 | 209 | He | 0.020 | ug/l | 20.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.207 | ug/l | 14.9 | | |
| [Pb] | 207 | 209 | He | 0.142 | ug/l | 13.5 | | |
| Pb | 208 | 209 | He | 0.171 | ug/l | 9.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3707734.04 | 3.3 | 99.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5785386.02 | 1.3 | 101.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1759270.18 | 2.5 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44599.84 | 0.4 | 105.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 357098.78 | 1.2 | 101.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 29881.90 | 1.6 | 104.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66504.89 | 1.7 | 106.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 397386.09 | 1.4 | 104.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 328055.21 | 1.2 | 103.1 | 70 | 140 | |

# Sample Report

**File Name** 020SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 20:59:46

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.020 | ug/l | 31.6 | 2000 | |
| B | 11 | 6 | No Gas | 4.363 | ug/l | 3.1 | 2000 | |
| Na | 23 | 45 | He | -0.377 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 2.445 | ug/l | 15.1 | 500000 | |
| Al | 27 | 45 | He | 4.763 | ug/l | 49.9 | 500000 | |
| K | 39 | 45 | He | 14.010 | ug/l | 161.8 | 500000 | |
| Ca | 40 | 45 | H2 | 3.537 | ug/l | 15.6 | 1000000 | |
| Ti | 47 | 45 | He | 0.204 | ug/l | 345.2 | 10000 | |
| V | 51 | 45 | He | 0.008 | ug/l | 883.7 | 5000 | |
| Cr | 52 | 45 | He | 0.161 | ug/l | 40.7 | 20000 | |
| Mn | 55 | 45 | He | 0.003 | ug/l | 2195.0 | 20000 | |
| Fe | 56 | 45 | H2 | 0.421 | ug/l | 40.9 | 500000 | |
| Co | 59 | 45 | He | 0.016 | ug/l | 151.3 | 2000 | |
| Ni | 60 | 45 | He | -0.018 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.030 | ug/l | 133.8 | 20000 | |
| Zn | 66 | 45 | He | -0.375 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.783 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.474 | ug/l | 6.1 | 3000 | |
| Sr | 88 | 115 | He | 0.014 | ug/l | 461.0 | 5000 | |
| Mo | 95 | 115 | He | 0.253 | ug/l | 3.8 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 92.4 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | 0.424 | ug/l | 89.7 | 2000 | |
| Sb | 121 | 115 | He | 0.071 | ug/l | 107.6 | 1000 | |
| Ba | 137 | 159 | He | 0.103 | ug/l | 63.6 | 20000 | |
| Tl | 205 | 209 | He | 0.009 | ug/l | 60.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.153 | ug/l | 39.3 | | |
| [Pb] | 207 | 209 | He | 0.140 | ug/l | 5.1 | | |
| Pb | 208 | 209 | He | 0.137 | ug/l | 12.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3619093.42 | 1.7 | 97.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5770278.73 | 1.0 | 101.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1825188.58 | 1.8 | 106.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45314.27 | 1.1 | 107.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369409.63 | 0.7 | 104.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30189.23 | 0.9 | 105.9 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66088.94 | 1.2 | 106.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 397219.18 | 1.3 | 104.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 327304.16 | 0.2 | 102.9 | 70 | 140 | |

# Sample Report

**File Name** 021SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:02:21

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.008 | ug/l | 85.7 | 2000 | |
| B | 11 | 6 | No Gas | 2.481 | ug/l | 32.0 | 2000 | |
| Na | 23 | 45 | He | -1.379 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 0.986 | ug/l | 38.6 | 500000 | |
| Al | 27 | 45 | He | 0.719 | ug/l | 103.9 | 500000 | |
| K | 39 | 45 | He | 10.086 | ug/l | 178.3 | 500000 | |
| Ca | 40 | 45 | H2 | 3.939 | ug/l | 15.0 | 1000000 | |
| Ti | 47 | 45 | He | 0.730 | ug/l | 54.5 | 10000 | |
| V | 51 | 45 | He | 0.060 | ug/l | 52.9 | 5000 | |
| Cr | 52 | 45 | He | 0.100 | ug/l | 266.9 | 20000 | |
| Mn | 55 | 45 | He | -0.066 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.210 | ug/l | 191.9 | 500000 | |
| Co | 59 | 45 | He | 0.031 | ug/l | 100.1 | 2000 | |
| Ni | 60 | 45 | He | 0.003 | ug/l | 7899.4 | 20000 | |
| Cu | 63 | 45 | He | 0.126 | ug/l | 21.8 | 20000 | |
| Zn | 66 | 45 | He | 0.361 | ug/l | 134.8 | 20000 | |
| As | 75 | 45 | He | -0.810 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.239 | ug/l | 39.4 | 3000 | |
| Sr | 88 | 115 | He | 0.004 | ug/l | 2687.5 | 5000 | |
| Mo | 95 | 115 | He | 0.233 | ug/l | 29.4 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 193.7 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | 0.030 | ug/l | 1112.9 | 2000 | |
| Sb | 121 | 115 | He | 0.035 | ug/l | 125.7 | 1000 | |
| Ba | 137 | 159 | He | 0.050 | ug/l | 170.4 | 20000 | |
| Tl | 205 | 209 | He | 0.012 | ug/l | 35.6 | 1000 | |
| [Pb] | 206 | 209 | He | 0.138 | ug/l | 4.7 | | |
| [Pb] | 207 | 209 | He | 0.113 | ug/l | 20.3 | | |
| Pb | 208 | 209 | He | 0.132 | ug/l | 13.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3813601.92 | 4.2 | 102.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6000159.64 | 2.0 | 105.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1801170.60 | 2.3 | 105.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44377.98 | 0.9 | 105.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 362005.24 | 1.0 | 102.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30529.96 | 1.1 | 107.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66310.02 | 0.7 | 106.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 395473.31 | 1.2 | 103.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 325313.12 | 1.4 | 102.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 022_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:04:56

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 96.151 | ug/l | 6.2 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 246.023 | ug/l | 6.7 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24567.144 | ug/l | 2.5 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24762.447 | ug/l | 2.7 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24847.515 | ug/l | 2.7 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25231.429 | ug/l | 2.7 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25001.008 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 95.607 | ug/l | 7.8 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 99.633 | ug/l | 1.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 99.362 | ug/l | 0.1 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.650 | ug/l | 2.8 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24730.680 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 98.777 | ug/l | 2.3 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 99.840 | ug/l | 2.3 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 98.309 | ug/l | 1.7 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 253.394 | ug/l | 4.3 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.920 | ug/l | 3.1 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 101.647 | ug/l | 1.6 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 96.557 | ug/l | 2.0 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.888 | ug/l | 0.7 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.602 | ug/l | 1.8 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 98.556 | ug/l | 0.9 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 95.280 | ug/l | 3.1 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 97.116 | ug/l | 1.4 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.987 | ug/l | 2.2 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.085 | ug/l | 0.3 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.727 | ug/l | 0.6 | | | | |
| [Pb] | 207 | 209 | He | 98.717 | ug/l | 1.2 | | | | |
| Pb | 208 | 209 | He | 98.262 | ug/l | 0.2 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3861051.57 | 7.3 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5866530.88 | 6.2 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1725646.45 | 1.4 | 100.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 41564.86 | 3.9 | 98.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 365126.97 | 0.8 | 103.4 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 29180.42 | 2.8 | 102.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 62064.67 | 2.9 | 99.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 380399.75 | 2.8 | 99.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 308028.73 | 2.3 | 96.8 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 023_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:07:28

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.014 | ug/l | 102.6 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 4.284 | ug/l | 7.5 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -9.178 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 2.324 | ug/l | 40.9 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 3.024 | ug/l | 68.8 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 15.573 | ug/l | 96.5 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 0.077 | ug/l | 1752.3 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.236 | ug/l | 172.2 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.036 | ug/l | 69.4 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.033 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.194 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 1.635 | ug/l | 44.9 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.024 | ug/l | 27.2 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.068 | ug/l | 174.2 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.077 | ug/l | 60.8 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -0.272 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.712 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.251 | ug/l | 28.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.026 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.166 | ug/l | 14.0 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 214.7 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.060 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.032 | ug/l | 99.4 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.041 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.016 | ug/l | 41.0 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.099 | ug/l | 29.5 | | | | |
| [Pb] | 207 | 209 | He | 0.109 | ug/l | 23.4 | | | | |
| Pb | 208 | 209 | He | 0.088 | ug/l | 9.6 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3650450.19 | 3.2 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5740200.82 | 1.5 | 100.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1812989.21 | 3.4 | 105.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43731.49 | 0.7 | 103.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 360187.38 | 1.1 | 102.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 29760.48 | 0.4 | 104.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 65062.85 | 0.3 | 104.4 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 394081.83 | 0.3 | 103.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 327190.61 | 0.9 | 102.9 | 70 | 140 | |

# Sample Report

**File Name** 024SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:10:03

**Sample Name** **LCSSRM 460-1020433/2-A@3**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4505

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 444.060 | ug/l | 2.5 | 2000 | |
| B | 11 | 6 | No Gas | 462.429 | ug/l | 2.8 | 2000 | |
| Na | 23 | 45 | He | 1208.214 | ug/l | 3.4 | 500000 | |
| Mg | 24 | 45 | He | 5481.876 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 17483.462 | ug/l | 1.2 | 500000 | |
| K | 39 | 45 | He | 6143.299 | ug/l | 1.9 | 500000 | |
| Ca | 40 | 45 | H2 | 15873.036 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 434.741 | ug/l | 3.3 | 10000 | |
| V | 51 | 45 | He | 519.416 | ug/l | 1.9 | 5000 | |
| Cr | 52 | 45 | He | 664.124 | ug/l | 2.1 | 20000 | |
| Mn | 55 | 45 | He | 792.137 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 19557.796 | ug/l | 0.6 | 500000 | |
| Co | 59 | 45 | He | 428.158 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 933.924 | ug/l | 1.5 | 20000 | |
| Cu | 63 | 45 | He | 615.657 | ug/l | 1.8 | 20000 | |
| Zn | 66 | 45 | He | 746.425 | ug/l | 2.8 | 20000 | |
| As | 75 | 45 | He | 783.383 | ug/l | 1.5 | 5000 | |
| Se | 78 | 45 | H2 | 843.685 | ug/l | 1.2 | 3000 | |
| Sr | 88 | 115 | He | 284.281 | ug/l | 1.0 | 5000 | |
| Mo | 95 | 115 | He | 287.474 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 231.454 | ug/l | 0.6 | 1000 | |
| Cd | 111 | 115 | He | 249.704 | ug/l | 1.7 | 5000 | |
| Sn | 118 | 115 | He | 265.472 | ug/l | 1.3 | 2000 | |
| Sb | 121 | 115 | He | 244.196 | ug/l | 1.0 | 1000 | |
| Ba | 137 | 159 | He | 913.471 | ug/l | 1.6 | 20000 | |
| Tl | 205 | 209 | He | 339.890 | ug/l | 0.7 | 1000 | |
| [Pb] | 206 | 209 | He | 605.673 | ug/l | 1.1 | | |
| [Pb] | 207 | 209 | He | 578.781 | ug/l | 1.0 | | |
| Pb | 208 | 209 | He | 590.865 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4069631.88 | 0.7 | 109.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6007199.22 | 1.4 | 105.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1763552.25 | 1.9 | 103.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43267.98 | 1.6 | 102.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374788.82 | 1.1 | 106.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30919.78 | 1.8 | 108.4 | 70 | 140 | |
| Kr | 83 | He | 13.35 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64455.57 | 0.9 | 103.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 397666.43 | 0.6 | 104.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 322336.02 | 0.3 | 101.3 | 70 | 140 | |

# Sample Report

**File Name** 025SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:12:37

**Sample Name** **460-319850-B-2-G@10**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4501

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.134 | ug/l | 8.6 | 2000 | |
| B | 11 | 6 | No Gas | 17.246 | ug/l | 3.9 | 2000 | |
| Na | 23 | 45 | He | 150389.049 | ug/l | 1.6 | 500000 | |
| Mg | 24 | 45 | He | 2159.114 | ug/l | 2.6 | 500000 | |
| Al | 27 | 45 | He | 75.968 | ug/l | 10.1 | 500000 | |
| K | 39 | 45 | He | 3398.746 | ug/l | 1.6 | 500000 | |
| Ca | 40 | 45 | H2 | 9750.001 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.051 | ug/l | 444.5 | 10000 | |
| V | 51 | 45 | He | 0.096 | ug/l | 75.2 | 5000 | |
| Cr | 52 | 45 | He | 3.903 | ug/l | 4.5 | 20000 | |
| Mn | 55 | 45 | He | 1287.220 | ug/l | 1.1 | 20000 | |
| Fe | 56 | 45 | H2 | 18429.027 | ug/l | 1.6 | 500000 | |
| Co | 59 | 45 | He | 14.408 | ug/l | 2.1 | 2000 | |
| Ni | 60 | 45 | He | 29.483 | ug/l | 2.1 | 20000 | |
| Cu | 63 | 45 | He | 3.889 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 1149.880 | ug/l | 0.9 | 20000 | |
| As | 75 | 45 | He | -0.182 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 1.469 | ug/l | 18.7 | 3000 | |
| Sr | 88 | 115 | He | 46.065 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 0.441 | ug/l | 16.5 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 103.7 | 1000 | |
| Cd | 111 | 115 | He | 2.048 | ug/l | 15.7 | 5000 | |
| Sn | 118 | 115 | He | -0.075 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.282 | ug/l | 26.1 | 1000 | |
| Ba | 137 | 159 | He | 26.070 | ug/l | 5.3 | 20000 | |
| Tl | 205 | 209 | He | 0.078 | ug/l | 7.3 | 1000 | |
| [Pb] | 206 | 209 | He | 1443.549 | ug/l | 1.8 | | |
| [Pb] | 207 | 209 | He | 1380.164 | ug/l | 1.6 | | |
| Pb | 208 | 209 | He | 1415.406 | ug/l | 1.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3794186.78 | 2.9 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5856730.26 | 1.7 | 102.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1658039.68 | 1.5 | 96.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43204.25 | 1.7 | 102.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 353754.94 | 1.6 | 100.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 30475.41 | 1.2 | 106.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64212.23 | 0.3 | 103.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 398121.17 | 0.9 | 104.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 314750.46 | 0.9 | 99.0 | 70 | 140 | |

# Sample Report

**File Name** 026SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:15:08

**Sample Name** **460-319850-B-4-F@10**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4502

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.139 | ug/l | 27.6 | 2000 | |
| B | 11 | 6 | No Gas | 11.494 | ug/l | 1.3 | 2000 | |
| Na | 23 | 45 | He | 146888.083 | ug/l | 0.5 | 500000 | |
| Mg | 24 | 45 | He | 1553.431 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 65.654 | ug/l | 25.6 | 500000 | |
| K | 39 | 45 | He | 842.669 | ug/l | 2.8 | 500000 | |
| Ca | 40 | 45 | H2 | 10378.685 | ug/l | 1.0 | 1000000 | |
| Ti | 47 | 45 | He | 1.177 | ug/l | 21.2 | 10000 | |
| V | 51 | 45 | He | 0.100 | ug/l | 85.1 | 5000 | |
| Cr | 52 | 45 | He | 0.846 | ug/l | 34.1 | 20000 | |
| Mn | 55 | 45 | He | 309.521 | ug/l | 2.1 | 20000 | |
| Fe | 56 | 45 | H2 | 407.655 | ug/l | 0.9 | 500000 | |
| Co | 59 | 45 | He | 5.590 | ug/l | 1.3 | 2000 | |
| Ni | 60 | 45 | He | 5.619 | ug/l | 5.8 | 20000 | |
| Cu | 63 | 45 | He | 6.635 | ug/l | 2.2 | 20000 | |
| Zn | 66 | 45 | He | 416.237 | ug/l | 2.3 | 20000 | |
| As | 75 | 45 | He | -0.840 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.626 | ug/l | 7.6 | 3000 | |
| Sr | 88 | 115 | He | 47.823 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 0.284 | ug/l | 15.2 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 69.9 | 1000 | |
| Cd | 111 | 115 | He | 1.736 | ug/l | 19.1 | 5000 | |
| Sn | 118 | 115 | He | -0.021 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.168 | ug/l | 31.3 | 1000 | |
| Ba | 137 | 159 | He | 38.029 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 0.019 | ug/l | 21.8 | 1000 | |
| [Pb] | 206 | 209 | He | 65.064 | ug/l | 1.4 | | |
| [Pb] | 207 | 209 | He | 64.517 | ug/l | 0.5 | | |
| Pb | 208 | 209 | He | 64.294 | ug/l | 0.9 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3572472.97 | 2.1 | 95.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5798185.19 | 3.1 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1786664.97 | 0.5 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 42822.05 | 3.0 | 101.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374603.40 | 0.5 | 106.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30352.94 | 1.2 | 106.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63640.67 | 1.7 | 102.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 389239.07 | 2.4 | 102.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 313142.99 | 2.6 | 98.5 | 70 | 140 | |

# Sample Report

**File Name** 027SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:17:40

**Sample Name** **460-319863-A-4-F@10**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4503

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.108 | ug/l | 26.6 | 2000 | |
| B | 11 | 6 | No Gas | 7.411 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 138027.246 | ug/l | 0.7 | 500000 | |
| Mg | 24 | 45 | He | 957.380 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 74.454 | ug/l | 10.6 | 500000 | |
| K | 39 | 45 | He | 743.797 | ug/l | 2.6 | 500000 | |
| Ca | 40 | 45 | H2 | 7968.839 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 1.848 | ug/l | 91.3 | 10000 | |
| V | 51 | 45 | He | 0.191 | ug/l | 3.6 | 5000 | |
| Cr | 52 | 45 | He | 0.364 | ug/l | 42.2 | 20000 | |
| Mn | 55 | 45 | He | 19.239 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 65.090 | ug/l | 2.6 | 500000 | |
| Co | 59 | 45 | He | 0.113 | ug/l | 17.4 | 2000 | |
| Ni | 60 | 45 | He | 0.919 | ug/l | 25.5 | 20000 | |
| Cu | 63 | 45 | He | 0.976 | ug/l | 17.3 | 20000 | |
| Zn | 66 | 45 | He | 6.674 | ug/l | 17.9 | 20000 | |
| As | 75 | 45 | He | -0.551 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.282 | ug/l | 20.3 | 3000 | |
| Sr | 88 | 115 | He | 47.280 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 0.176 | ug/l | 13.8 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 157.6 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 86.6 | 5000 | |
| Sn | 118 | 115 | He | 0.037 | ug/l | 435.5 | 2000 | |
| Sb | 121 | 115 | He | 0.107 | ug/l | 82.3 | 1000 | |
| Ba | 137 | 159 | He | 34.712 | ug/l | 1.8 | 20000 | |
| Tl | 205 | 209 | He | 0.010 | ug/l | 51.9 | 1000 | |
| [Pb] | 206 | 209 | He | 3.198 | ug/l | 1.6 | | |
| [Pb] | 207 | 209 | He | 3.098 | ug/l | 0.8 | | |
| Pb | 208 | 209 | He | 3.171 | ug/l | 0.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3777368.38 | 3.8 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5843147.41 | 2.5 | 102.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1775291.80 | 0.6 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43749.26 | 0.5 | 103.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369733.32 | 0.9 | 104.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 30746.00 | 0.9 | 107.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 64586.15 | 0.6 | 103.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 393287.11 | 0.5 | 103.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 316230.97 | 0.4 | 99.4 | 70 | 140 | |

# Sample Report

**File Name** 028SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:20:13

**Sample Name** **460-319967-A-8-E@10**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 4504

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.161 | ug/l | 19.9 | 2000 | |
| B | 11 | 6 | No Gas | 12.839 | ug/l | 11.0 | 2000 | |
| Na | 23 | 45 | He | 135284.819 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 588.209 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 46.727 | ug/l | 17.4 | 500000 | |
| K | 39 | 45 | He | 334.899 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 1283.546 | ug/l | 1.4 | 1000000 | |
| Ti | 47 | 45 | He | 1.005 | ug/l | 67.9 | 10000 | |
| V | 51 | 45 | He | -0.040 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | 0.110 | ug/l | 136.4 | 20000 | |
| Mn | 55 | 45 | He | 115.904 | ug/l | 1.6 | 20000 | |
| Fe | 56 | 45 | H2 | 935.591 | ug/l | 3.0 | 500000 | |
| Co | 59 | 45 | He | 3.365 | ug/l | 3.8 | 2000 | |
| Ni | 60 | 45 | He | 2.224 | ug/l | 6.1 | 20000 | |
| Cu | 63 | 45 | He | 1.784 | ug/l | 9.5 | 20000 | |
| Zn | 66 | 45 | He | 9.094 | ug/l | 7.0 | 20000 | |
| As | 75 | 45 | He | -0.550 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.228 | ug/l | 35.9 | 3000 | |
| Sr | 88 | 115 | He | 10.033 | ug/l | 13.4 | 5000 | |
| Mo | 95 | 115 | He | 0.101 | ug/l | 53.1 | 2000 | |
| Ag | 107 | 115 | He | 0.002 | ug/l | 246.1 | 1000 | |
| Cd | 111 | 115 | He | 0.044 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.015 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.073 | ug/l | 51.1 | 1000 | |
| Ba | 137 | 159 | He | 69.323 | ug/l | 0.7 | 20000 | |
| Tl | 205 | 209 | He | 0.015 | ug/l | 15.2 | 1000 | |
| [Pb] | 206 | 209 | He | 4.271 | ug/l | 6.5 | | |
| [Pb] | 207 | 209 | He | 4.072 | ug/l | 4.5 | | |
| Pb | 208 | 209 | He | 4.155 | ug/l | 2.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3667832.89 | 4.6 | 98.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5795316.09 | 4.2 | 101.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1795868.41 | 1.8 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43854.10 | 0.8 | 103.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368469.52 | 2.1 | 104.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 30109.06 | 0.2 | 105.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 63631.59 | 1.4 | 102.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 395142.39 | 1.3 | 103.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 316754.37 | 0.8 | 99.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 029_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:22:46

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 98.054 | ug/l | 7.6 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 256.929 | ug/l | 5.8 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24316.764 | ug/l | 1.5 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24483.463 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24682.048 | ug/l | 1.2 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 25104.194 | ug/l | 0.1 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24837.396 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 96.471 | ug/l | 4.6 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 99.065 | ug/l | 0.5 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 97.263 | ug/l | 0.3 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 100.390 | ug/l | 0.6 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24849.036 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 97.986 | ug/l | 0.5 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 97.263 | ug/l | 0.2 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 99.531 | ug/l | 0.9 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 246.665 | ug/l | 1.0 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.113 | ug/l | 1.4 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 98.330 | ug/l | 2.5 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.282 | ug/l | 0.6 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.823 | ug/l | 2.6 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.905 | ug/l | 0.3 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 97.554 | ug/l | 0.7 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 96.074 | ug/l | 1.8 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 97.501 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 100.765 | ug/l | 4.0 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.209 | ug/l | 1.6 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 97.631 | ug/l | 0.4 | | | | |
| [Pb] | 207 | 209 | He | 97.899 | ug/l | 1.7 | | | | |
| Pb | 208 | 209 | He | 97.878 | ug/l | 0.4 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3703156.75 | 6.3 | 99.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5795963.11 | 3.8 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1743061.83 | 1.7 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 43508.56 | 0.1 | 103.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 368207.89 | 1.3 | 104.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30601.23 | 0.6 | 107.3 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 64622.58 | 0.9 | 103.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 391379.66 | 0.5 | 102.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 316607.41 | 1.0 | 99.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 030_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:25:17

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.021 | ug/l | 0.9 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.463 | ug/l | 11.0 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | -5.128 | ug/l | N/A | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 0.047 | ug/l | 279.0 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 2.292 | ug/l | 135.8 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 7.780 | ug/l | 105.7 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 1.622 | ug/l | 38.5 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.095 | ug/l | 352.5 | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.012 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.237 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.083 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 1.947 | ug/l | 8.1 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.008 | ug/l | 136.9 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.002 | ug/l | 7998.6 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.040 | ug/l | 70.0 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -0.338 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.780 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.394 | ug/l | 23.1 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | 0.034 | ug/l | 5.8 | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.191 | ug/l | 30.8 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 224.2 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.211 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.101 | ug/l | 41.5 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | 0.121 | ug/l | 120.1 | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.022 | ug/l | 21.3 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.065 | ug/l | 18.9 | | | | |
| [Pb] | 207 | 209 | He | 0.034 | ug/l | 63.6 | | | | |
| Pb | 208 | 209 | He | 0.058 | ug/l | 2.1 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3690190.26 | 0.6 | 99.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5757299.64 | 2.2 | 101.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1795638.51 | 0.7 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44481.56 | 1.1 | 105.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 361482.87 | 1.0 | 102.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 29850.64 | 0.2 | 104.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 66484.94 | 1.3 | 106.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 398002.64 | 0.5 | 104.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 327733.26 | 1.6 | 103.0 | 70 | 140 | |

# Sample Report

**File Name** 031SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:27:51

**Sample Name** **MB 460-1020748/1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2101

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.006 | ug/l | 84.2 | 2000 | |
| B | 11 | 6 | No Gas | 1.583 | ug/l | 24.8 | 2000 | |
| Na | 23 | 45 | He | -12.632 | ug/l | N/A | 500000 | |
| Mg | 24 | 45 | He | 0.909 | ug/l | 130.0 | 500000 | |
| Al | 27 | 45 | He | 2.210 | ug/l | 192.2 | 500000 | |
| K | 39 | 45 | He | 5.459 | ug/l | 249.8 | 500000 | |
| Ca | 40 | 45 | H2 | 1.583 | ug/l | 35.0 | 1000000 | |
| Ti | 47 | 45 | He | -0.043 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.048 | ug/l | 101.9 | 5000 | |
| Cr | 52 | 45 | He | -0.156 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | -0.073 | ug/l | N/A | 20000 | |
| Fe | 56 | 45 | H2 | 0.026 | ug/l | 549.1 | 500000 | |
| Co | 59 | 45 | He | 0.010 | ug/l | 88.1 | 2000 | |
| Ni | 60 | 45 | He | -0.051 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.056 | ug/l | 29.5 | 20000 | |
| Zn | 66 | 45 | He | -0.701 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.877 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.136 | ug/l | 74.5 | 3000 | |
| Sr | 88 | 115 | He | -0.039 | ug/l | N/A | 5000 | |
| Mo | 95 | 115 | He | 0.116 | ug/l | 33.6 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 81.9 | 1000 | |
| Cd | 111 | 115 | He | 0.011 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.083 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.004 | ug/l | 913.1 | 1000 | |
| Ba | 137 | 159 | He | 0.008 | ug/l | 1674.4 | 20000 | |
| Tl | 205 | 209 | He | 0.011 | ug/l | 85.3 | 1000 | |
| [Pb] | 206 | 209 | He | 0.054 | ug/l | 32.3 | | |
| [Pb] | 207 | 209 | He | 0.072 | ug/l | 38.9 | | |
| Pb | 208 | 209 | He | 0.052 | ug/l | 33.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3743374.60 | 7.1 | 100.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5910177.41 | 4.1 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1819060.14 | 1.6 | 106.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45064.62 | 1.3 | 106.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 369927.30 | 0.9 | 104.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 29822.84 | 0.6 | 104.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66589.31 | 1.4 | 106.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 408018.04 | 1.7 | 107.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 330577.82 | 1.2 | 103.9 | 70 | 140 | |

# Sample Report

**File Name** 032SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:30:25

**Sample Name** **LCS 460-1020749/20-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2102

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 25.391 | ug/l | 5.0 | 2000 | |
| B | 11 | 6 | No Gas | 532.225 | ug/l | 5.4 | 2000 | |
| Na | 23 | 45 | He | 2406.333 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 2461.411 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 2491.779 | ug/l | 1.3 | 500000 | |
| K | 39 | 45 | He | 2530.014 | ug/l | 2.4 | 500000 | |
| Ca | 40 | 45 | H2 | 2560.143 | ug/l | 3.0 | 1000000 | |
| Ti | 47 | 45 | He | 53.087 | ug/l | 3.3 | 10000 | |
| V | 51 | 45 | He | 50.170 | ug/l | 1.8 | 5000 | |
| Cr | 52 | 45 | He | 49.618 | ug/l | 0.5 | 20000 | |
| Mn | 55 | 45 | He | 250.358 | ug/l | 1.0 | 20000 | |
| Fe | 56 | 45 | H2 | 2557.965 | ug/l | 2.4 | 500000 | |
| Co | 59 | 45 | He | 25.357 | ug/l | 1.8 | 2000 | |
| Ni | 60 | 45 | He | 50.563 | ug/l | 2.2 | 20000 | |
| Cu | 63 | 45 | He | 50.901 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 248.724 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 52.654 | ug/l | 5.6 | 5000 | |
| Se | 78 | 45 | H2 | 50.688 | ug/l | 1.2 | 3000 | |
| Sr | 88 | 115 | He | 49.236 | ug/l | 2.5 | 5000 | |
| Mo | 95 | 115 | He | 48.148 | ug/l | 0.8 | 2000 | |
| Ag | 107 | 115 | He | 25.915 | ug/l | 2.0 | 1000 | |
| Cd | 111 | 115 | He | 23.655 | ug/l | 8.6 | 5000 | |
| Sn | 118 | 115 | He | 48.203 | ug/l | 1.1 | 2000 | |
| Sb | 121 | 115 | He | 24.644 | ug/l | 2.4 | 1000 | |
| Ba | 137 | 159 | He | 51.005 | ug/l | 2.5 | 20000 | |
| Tl | 205 | 209 | He | 19.323 | ug/l | 2.8 | 1000 | |
| [Pb] | 206 | 209 | He | 24.795 | ug/l | 2.0 | | |
| [Pb] | 207 | 209 | He | 24.366 | ug/l | 0.9 | | |
| Pb | 208 | 209 | He | 24.441 | ug/l | 1.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3672945.74 | 4.1 | 98.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6009924.42 | 1.6 | 105.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1815949.24 | 1.9 | 106.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45329.98 | 0.4 | 107.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 364552.65 | 1.6 | 103.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 30183.66 | 1.0 | 105.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 86.6 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67019.82 | 1.0 | 107.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 404501.65 | 0.8 | 106.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 332956.81 | 1.7 | 104.7 | 70 | 140 | |

# Sample Report

**File Name** 033SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:32:57

**Sample Name** **460-319541-D-2-F MSD**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2103

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 24.891 | ug/l | 0.9 | 2000 | |
| B | 11 | 6 | No Gas | 718.516 | ug/l | 5.0 | 2000 | |
| Na | 23 | 45 | He | 372797.174 | ug/l | 0.2 | 500000 | |
| Mg | 24 | 45 | He | 49557.537 | ug/l | 1.1 | 500000 | |
| Al | 27 | 45 | He | 2365.414 | ug/l | 1.1 | 500000 | |
| K | 39 | 45 | He | 23993.485 | ug/l | 0.5 | 500000 | |
| Ca | 40 | 45 | H2 | 109576.091 | ug/l | 2.8 | 1000000 | |
| Ti | 47 | 45 | He | 39.668 | ug/l | 9.9 | 10000 | |
| V | 51 | 45 | He | 41.899 | ug/l | 1.2 | 5000 | |
| Cr | 52 | 45 | He | 45.416 | ug/l | 2.6 | 20000 | |
| Mn | 55 | 45 | He | 7315.610 | ug/l | 0.3 | 20000 | |
| Fe | 56 | 45 | H2 | 1889.020 | ug/l | 1.7 | 500000 | |
| Co | 59 | 45 | He | 27.909 | ug/l | 1.2 | 2000 | |
| Ni | 60 | 45 | He | 47.645 | ug/l | 1.3 | 20000 | |
| Cu | 63 | 45 | He | 49.530 | ug/l | 0.8 | 20000 | |
| Zn | 66 | 45 | He | 255.121 | ug/l | 0.6 | 20000 | |
| As | 75 | 45 | He | 42.151 | ug/l | 2.2 | 5000 | |
| Se | 78 | 45 | H2 | 41.847 | ug/l | 1.5 | 3000 | |
| Sr | 88 | 115 | He | 767.260 | ug/l | 0.3 | 5000 | |
| Mo | 95 | 115 | He | 43.551 | ug/l | 2.4 | 2000 | |
| Ag | 107 | 115 | He | 24.462 | ug/l | 1.1 | 1000 | |
| Cd | 111 | 115 | He | 22.651 | ug/l | 3.3 | 5000 | |
| Sn | 118 | 115 | He | 40.707 | ug/l | 0.9 | 2000 | |
| Sb | 121 | 115 | He | 20.154 | ug/l | 1.6 | 1000 | |
| Ba | 137 | 159 | He | 123.635 | ug/l | 1.1 | 20000 | |
| Tl | 205 | 209 | He | 18.888 | ug/l | 0.6 | 1000 | |
| [Pb] | 206 | 209 | He | 18.723 | ug/l | 2.0 | | |
| [Pb] | 207 | 209 | He | 18.477 | ug/l | 0.2 | | |
| Pb | 208 | 209 | He | 18.449 | ug/l | 0.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3578783.49 | 1.4 | 96.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5832073.94 | 1.7 | 102.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1835541.57 | 1.4 | 107.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45501.58 | 0.5 | 107.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 379890.99 | 1.5 | 107.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30985.50 | 0.4 | 108.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 65369.55 | 0.6 | 104.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 401007.81 | 0.6 | 105.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 313639.04 | 0.7 | 98.6 | 70 | 140 | |

# Sample Report

**File Name** 034SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:35:27

**Sample Name** **460-319541-D-2-E MS**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2104

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 24.243 | ug/l | 3.3 | 2000 | |
| B | 11 | 6 | No Gas | 674.802 | ug/l | 6.2 | 2000 | |
| Na | 23 | 45 | He | 372052.128 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 49251.343 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 2343.835 | ug/l | 3.3 | 500000 | |
| K | 39 | 45 | He | 24021.675 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 108932.111 | ug/l | 1.9 | 1000000 | |
| Ti | 47 | 45 | He | 47.702 | ug/l | 2.3 | 10000 | |
| V | 51 | 45 | He | 37.415 | ug/l | 2.0 | 5000 | |
| Cr | 52 | 45 | He | 46.507 | ug/l | 0.7 | 20000 | |
| Mn | 55 | 45 | He | 7274.379 | ug/l | 2.8 | 20000 | |
| Fe | 56 | 45 | H2 | 1976.691 | ug/l | 2.0 | 500000 | |
| Co | 59 | 45 | He | 28.234 | ug/l | 1.4 | 2000 | |
| Ni | 60 | 45 | He | 48.406 | ug/l | 1.2 | 20000 | |
| Cu | 63 | 45 | He | 49.178 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 252.116 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | 38.934 | ug/l | 7.4 | 5000 | |
| Se | 78 | 45 | H2 | 38.920 | ug/l | 3.1 | 3000 | |
| Sr | 88 | 115 | He | 767.476 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 39.666 | ug/l | 3.7 | 2000 | |
| Ag | 107 | 115 | He | 24.355 | ug/l | 1.3 | 1000 | |
| Cd | 111 | 115 | He | 23.600 | ug/l | 0.9 | 5000 | |
| Sn | 118 | 115 | He | 36.521 | ug/l | 1.4 | 2000 | |
| Sb | 121 | 115 | He | 16.330 | ug/l | 2.6 | 1000 | |
| Ba | 137 | 159 | He | 125.560 | ug/l | 2.1 | 20000 | |
| Tl | 205 | 209 | He | 19.224 | ug/l | 1.4 | 1000 | |
| [Pb] | 206 | 209 | He | 21.598 | ug/l | 2.6 | | |
| [Pb] | 207 | 209 | He | 20.900 | ug/l | 1.2 | | |
| Pb | 208 | 209 | He | 21.296 | ug/l | 1.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3727604.11 | 4.6 | 100.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5959310.26 | 4.1 | 104.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1860551.01 | 1.1 | 108.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45786.95 | 0.5 | 108.5 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382281.74 | 0.6 | 108.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 31984.43 | 1.4 | 112.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66816.90 | 0.7 | 107.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 405727.64 | 0.4 | 106.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 313866.70 | 0.5 | 98.7 | 70 | 140 | |

# Sample Report

**File Name** 035SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:37:58

**Sample Name** **460-319541-A-2-B DU**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2105

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.017 | ug/l | 43.5 | 2000 | |
| B | 11 | 6 | No Gas | 200.758 | ug/l | 5.9 | 2000 | |
| Na | 23 | 45 | He | 373628.820 | ug/l | 1.3 | 500000 | |
| Mg | 24 | 45 | He | 47616.152 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 6.041 | ug/l | 61.1 | 500000 | |
| K | 39 | 45 | He | 22334.366 | ug/l | 0.8 | 500000 | |
| Ca | 40 | 45 | H2 | 106257.771 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 0.245 | ug/l | 149.4 | 10000 | |
| V | 51 | 45 | He | 0.044 | ug/l | 75.9 | 5000 | |
| Cr | 52 | 45 | He | -0.863 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 7200.831 | ug/l | 2.0 | 20000 | |
| Fe | 56 | 45 | H2 | -1.244 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 4.812 | ug/l | 1.1 | 2000 | |
| Ni | 60 | 45 | He | 2.015 | ug/l | 7.7 | 20000 | |
| Cu | 63 | 45 | He | 0.225 | ug/l | 19.1 | 20000 | |
| Zn | 66 | 45 | He | 3.382 | ug/l | 24.5 | 20000 | |
| As | 75 | 45 | He | -0.728 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.740 | ug/l | 9.5 | 3000 | |
| Sr | 88 | 115 | He | 729.443 | ug/l | 2.5 | 5000 | |
| Mo | 95 | 115 | He | 5.733 | ug/l | 7.3 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 23.0 | 1000 | |
| Cd | 111 | 115 | He | 0.051 | ug/l | 34.8 | 5000 | |
| Sn | 118 | 115 | He | -0.241 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.200 | ug/l | 41.2 | 1000 | |
| Ba | 137 | 159 | He | 71.555 | ug/l | 1.5 | 20000 | |
| Tl | 205 | 209 | He | 0.016 | ug/l | 15.3 | 1000 | |
| [Pb] | 206 | 209 | He | 0.031 | ug/l | 47.0 | | |
| [Pb] | 207 | 209 | He | 0.035 | ug/l | 47.7 | | |
| Pb | 208 | 209 | He | 0.025 | ug/l | 63.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3692723.62 | 3.7 | 99.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6071532.90 | 3.1 | 106.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1908493.65 | 1.5 | 111.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46381.18 | 0.5 | 109.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 393096.35 | 0.3 | 111.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32152.54 | 0.8 | 112.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68080.60 | 0.4 | 109.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 409597.27 | 0.4 | 107.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 320071.36 | 0.3 | 100.6 | 70 | 140 | |

# Sample Report

**File Name** 036SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:40:28

**Sample Name** **460-319541-D-2-D**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2106

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.004 | ug/l | 115.2 | 2000 | |
| B | 11 | 6 | No Gas | 191.905 | ug/l | 6.0 | 2000 | |
| Na | 23 | 45 | He | 376165.917 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 47590.542 | ug/l | 1.3 | 500000 | |
| Al | 27 | 45 | He | 1.362 | ug/l | 154.5 | 500000 | |
| K | 39 | 45 | He | 22250.605 | ug/l | 1.4 | 500000 | |
| Ca | 40 | 45 | H2 | 108565.962 | ug/l | 2.4 | 1000000 | |
| Ti | 47 | 45 | He | 0.001 | ug/l | 46760.5 | 10000 | |
| V | 51 | 45 | He | 0.005 | ug/l | 1065.3 | 5000 | |
| Cr | 52 | 45 | He | -1.083 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 7136.051 | ug/l | 2.2 | 20000 | |
| Fe | 56 | 45 | H2 | -0.990 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 4.799 | ug/l | 4.2 | 2000 | |
| Ni | 60 | 45 | He | 2.340 | ug/l | 6.8 | 20000 | |
| Cu | 63 | 45 | He | 0.252 | ug/l | 23.1 | 20000 | |
| Zn | 66 | 45 | He | 3.731 | ug/l | 1.4 | 20000 | |
| As | 75 | 45 | He | -0.702 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.230 | ug/l | 67.1 | 3000 | |
| Sr | 88 | 115 | He | 716.250 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 4.902 | ug/l | 3.6 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 109.2 | 1000 | |
| Cd | 111 | 115 | He | 0.040 | ug/l | 43.2 | 5000 | |
| Sn | 118 | 115 | He | -0.439 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.157 | ug/l | 25.1 | 1000 | |
| Ba | 137 | 159 | He | 69.519 | ug/l | 2.7 | 20000 | |
| Tl | 205 | 209 | He | 0.011 | ug/l | 25.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.040 | ug/l | 109.1 | | |
| [Pb] | 207 | 209 | He | 0.000 | ug/l | 7969.9 | | |
| Pb | 208 | 209 | He | 0.017 | ug/l | 46.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3717107.69 | 3.3 | 99.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6033171.37 | 2.7 | 105.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1872994.71 | 2.1 | 109.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46743.39 | 1.9 | 110.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 397196.73 | 0.6 | 112.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32991.19 | 1.1 | 115.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69073.91 | 1.0 | 110.8 | 70 | 140 | |
| Tb (IS) | 159 | He | 411530.09 | 1.2 | 107.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 322284.92 | 0.6 | 101.3 | 70 | 140 | |

# Sample Report

**File Name** 037SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:43:00

**Sample Name** **SD 460-319541-D-2-D@5**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2107

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.008 | ug/l | 20.1 | 2000 | |
| B | 11 | 6 | No Gas | 39.685 | ug/l | 2.8 | 2000 | |
| Na | 23 | 45 | He | 75961.981 | ug/l | 0.5 | 500000 | |
| Mg | 24 | 45 | He | 9519.315 | ug/l | 1.2 | 500000 | |
| Al | 27 | 45 | He | 2.596 | ug/l | 46.0 | 500000 | |
| K | 39 | 45 | He | 4527.714 | ug/l | 1.0 | 500000 | |
| Ca | 40 | 45 | H2 | 21297.102 | ug/l | 1.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.011 | ug/l | 2486.1 | 10000 | |
| V | 51 | 45 | He | 0.053 | ug/l | 81.5 | 5000 | |
| Cr | 52 | 45 | He | -0.324 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1504.650 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | 3.591 | ug/l | 7.6 | 500000 | |
| Co | 59 | 45 | He | 0.938 | ug/l | 5.2 | 2000 | |
| Ni | 60 | 45 | He | 0.457 | ug/l | 62.5 | 20000 | |
| Cu | 63 | 45 | He | 0.165 | ug/l | 49.8 | 20000 | |
| Zn | 66 | 45 | He | 1.420 | ug/l | 32.7 | 20000 | |
| As | 75 | 45 | He | -0.693 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.219 | ug/l | 55.9 | 3000 | |
| Sr | 88 | 115 | He | 143.820 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 1.277 | ug/l | 7.6 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 139.9 | 1000 | |
| Cd | 111 | 115 | He | 0.031 | ug/l | 1.3 | 5000 | |
| Sn | 118 | 115 | He | -0.036 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.173 | ug/l | 29.2 | 1000 | |
| Ba | 137 | 159 | He | 14.896 | ug/l | 5.5 | 20000 | |
| Tl | 205 | 209 | He | 0.006 | ug/l | 63.9 | 1000 | |
| [Pb] | 206 | 209 | He | 0.030 | ug/l | 69.7 | | |
| [Pb] | 207 | 209 | He | 0.027 | ug/l | 43.1 | | |
| Pb | 208 | 209 | He | 0.043 | ug/l | 36.2 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3908184.52 | 3.0 | 104.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6129603.45 | 2.3 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1777741.71 | 2.3 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45614.18 | 1.0 | 108.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374767.69 | 0.2 | 106.2 | 70 | 140 | |
| Ge (IS) | 74 | He | 31827.36 | 1.5 | 111.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67310.55 | 1.3 | 108.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 408034.65 | 0.7 | 107.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 325941.06 | 1.2 | 102.5 | 70 | 140 | |

# Sample Report

**File Name** 038SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:45:31

**Sample Name** **460-319541-D-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2108

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.017 | ug/l | 69.7 | 2000 | |
| B | 11 | 6 | No Gas | 367.584 | ug/l | 2.3 | 2000 | |
| Na | 23 | 45 | He | 846024.362 | ug/l | 0.4 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 79005.356 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 4.052 | ug/l | 69.8 | 500000 | |
| K | 39 | 45 | He | 33940.664 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 140781.166 | ug/l | 3.9 | 1000000 | |
| Ti | 47 | 45 | He | -0.126 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.328 | ug/l | 30.2 | 5000 | |
| Cr | 52 | 45 | He | -0.776 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 6543.912 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 4.490 | ug/l | 7.7 | 500000 | |
| Co | 59 | 45 | He | 4.353 | ug/l | 4.4 | 2000 | |
| Ni | 60 | 45 | He | 4.518 | ug/l | 9.4 | 20000 | |
| Cu | 63 | 45 | He | 4.063 | ug/l | 1.9 | 20000 | |
| Zn | 66 | 45 | He | 2.170 | ug/l | 52.1 | 20000 | |
| As | 75 | 45 | He | -0.583 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.494 | ug/l | 17.9 | 3000 | |
| Sr | 88 | 115 | He | 1074.674 | ug/l | 0.5 | 5000 | |
| Mo | 95 | 115 | He | 7.092 | ug/l | 1.7 | 2000 | |
| Ag | 107 | 115 | He | 0.019 | ug/l | 45.7 | 1000 | |
| Cd | 111 | 115 | He | 0.214 | ug/l | 38.3 | 5000 | |
| Sn | 118 | 115 | He | -0.314 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.240 | ug/l | 46.3 | 1000 | |
| Ba | 137 | 159 | He | 197.050 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.124 | ug/l | 8.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.997 | ug/l | 6.3 | | |
| [Pb] | 207 | 209 | He | 0.897 | ug/l | 11.3 | | |
| Pb | 208 | 209 | He | 0.975 | ug/l | 3.5 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3775353.14 | 1.5 | 101.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6136743.52 | 0.5 | 107.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1880789.95 | 1.6 | 109.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47182.75 | 0.9 | 111.8 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 385314.87 | 0.3 | 109.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 32438.87 | 0.9 | 113.8 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68030.50 | 0.8 | 109.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 409943.99 | 0.8 | 107.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 310489.39 | 0.8 | 97.6 | 70 | 140 | |

# Sample Report

**File Name** 039SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:48:05

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.011 | ug/l | 76.0 | 2000 | |
| B | 11 | 6 | No Gas | 5.603 | ug/l | 18.9 | 2000 | |
| Na | 23 | 45 | He | 60.906 | ug/l | 6.7 | 500000 | |
| Mg | 24 | 45 | He | 1.440 | ug/l | 73.6 | 500000 | |
| Al | 27 | 45 | He | 2.058 | ug/l | 68.7 | 500000 | |
| K | 39 | 45 | He | 19.830 | ug/l | 106.6 | 500000 | |
| Ca | 40 | 45 | H2 | 10.907 | ug/l | 10.7 | 1000000 | |
| Ti | 47 | 45 | He | 0.258 | ug/l | 215.8 | 10000 | |
| V | 51 | 45 | He | 0.067 | ug/l | 133.1 | 5000 | |
| Cr | 52 | 45 | He | 0.136 | ug/l | 267.4 | 20000 | |
| Mn | 55 | 45 | He | 0.916 | ug/l | 20.5 | 20000 | |
| Fe | 56 | 45 | H2 | 2.937 | ug/l | 11.3 | 500000 | |
| Co | 59 | 45 | He | -0.001 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.020 | ug/l | 642.7 | 20000 | |
| Cu | 63 | 45 | He | 0.075 | ug/l | 60.7 | 20000 | |
| Zn | 66 | 45 | He | 0.235 | ug/l | 44.0 | 20000 | |
| As | 75 | 45 | He | -0.940 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.157 | ug/l | 53.6 | 3000 | |
| Sr | 88 | 115 | He | 0.071 | ug/l | 99.5 | 5000 | |
| Mo | 95 | 115 | He | 0.294 | ug/l | 17.4 | 2000 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 88.8 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.216 | ug/l | 42.3 | 2000 | |
| Sb | 121 | 115 | He | 0.145 | ug/l | 55.5 | 1000 | |
| Ba | 137 | 159 | He | 0.043 | ug/l | 256.3 | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 67.6 | 1000 | |
| [Pb] | 206 | 209 | He | 0.030 | ug/l | 63.1 | | |
| [Pb] | 207 | 209 | He | 0.033 | ug/l | 117.0 | | |
| Pb | 208 | 209 | He | 0.032 | ug/l | 14.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3818334.81 | 6.8 | 102.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6091227.62 | 2.6 | 106.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1870508.81 | 3.1 | 109.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45712.35 | 0.7 | 108.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377507.23 | 0.6 | 106.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30700.41 | 1.2 | 107.7 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68303.79 | 0.8 | 109.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 408697.54 | 0.5 | 107.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 333358.03 | 0.9 | 104.8 | 70 | 140 | |

# Sample Report

**File Name** 040SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:50:38

**Sample Name** **460-319541-D-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2109

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.002 | ug/l | 76.6 | 2000 | |
| B | 11 | 6 | No Gas | 9.698 | ug/l | 7.5 | 2000 | |
| Na | 23 | 45 | He | 20055.113 | ug/l | 1.1 | 500000 | |
| Mg | 24 | 45 | He | 1846.600 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | -0.473 | ug/l | N/A | 500000 | |
| K | 39 | 45 | He | 773.117 | ug/l | 5.3 | 500000 | |
| Ca | 40 | 45 | H2 | 3233.602 | ug/l | 1.3 | 1000000 | |
| Ti | 47 | 45 | He | -0.128 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.025 | ug/l | 212.7 | 5000 | |
| Cr | 52 | 45 | He | -1.100 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 152.927 | ug/l | 0.3 | 20000 | |
| Fe | 56 | 45 | H2 | -3.534 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 0.096 | ug/l | 20.2 | 2000 | |
| Ni | 60 | 45 | He | -0.151 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.138 | ug/l | 56.0 | 20000 | |
| Zn | 66 | 45 | He | 0.424 | ug/l | 294.8 | 20000 | |
| As | 75 | 45 | He | -0.882 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.032 | ug/l | 269.5 | 3000 | |
| Sr | 88 | 115 | He | 24.600 | ug/l | 4.3 | 5000 | |
| Mo | 95 | 115 | He | 0.133 | ug/l | 40.2 | 2000 | |
| Ag | 107 | 115 | He | 0.000 | ug/l | 2219.3 | 1000 | |
| Cd | 111 | 115 | He | 0.030 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.395 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | -0.014 | ug/l | N/A | 1000 | |
| Ba | 137 | 159 | He | 4.876 | ug/l | 5.7 | 20000 | |
| Tl | 205 | 209 | He | 0.007 | ug/l | 40.7 | 1000 | |
| [Pb] | 206 | 209 | He | 0.029 | ug/l | 32.6 | | |
| [Pb] | 207 | 209 | He | 0.025 | ug/l | 75.2 | | |
| Pb | 208 | 209 | He | 0.021 | ug/l | 82.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4125482.20 | 2.9 | 110.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6248498.66 | 1.9 | 109.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1909377.35 | 2.3 | 111.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46983.24 | 1.5 | 111.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 371163.90 | 0.6 | 105.1 | 70 | 140 | |
| Ge (IS) | 74 | He | 30009.95 | 0.8 | 105.2 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68636.18 | 1.8 | 110.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 415965.93 | 1.4 | 109.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 341110.92 | 0.6 | 107.3 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 041_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:53:11

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 94.887 | ug/l | 5.0 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 257.503 | ug/l | 4.7 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24302.555 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24310.770 | ug/l | 1.4 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24497.310 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24533.597 | ug/l | 1.8 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24628.376 | ug/l | 1.6 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 95.761 | ug/l | 8.4 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 95.983 | ug/l | 0.9 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 96.601 | ug/l | 1.3 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.063 | ug/l | 1.3 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24435.675 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 96.949 | ug/l | 1.1 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 97.682 | ug/l | 1.6 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 97.880 | ug/l | 0.4 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 243.320 | ug/l | 2.1 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.941 | ug/l | 2.7 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 97.203 | ug/l | 1.8 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 100.141 | ug/l | 2.0 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 97.511 | ug/l | 2.2 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.537 | ug/l | 1.7 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 99.244 | ug/l | 2.6 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 97.511 | ug/l | 2.4 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.149 | ug/l | 3.1 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.241 | ug/l | 3.1 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.321 | ug/l | 0.3 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.754 | ug/l | 1.4 | | | | |
| [Pb] | 207 | 209 | He | 98.027 | ug/l | 0.9 | | | | |
| Pb | 208 | 209 | He | 98.869 | ug/l | 0.6 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3727137.69 | 4.6 | 100.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5750303.39 | 3.7 | 100.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1810718.86 | 1.7 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44288.86 | 1.0 | 104.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374738.96 | 0.6 | 106.1 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 30801.72 | 2.7 | 108.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 64804.45 | 1.6 | 103.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 402269.40 | 0.4 | 105.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 320823.43 | 0.4 | 100.9 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 042_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:55:42

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.004 | ug/l | 125.4 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 3.654 | ug/l | 3.3 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 9.369 | ug/l | 110.8 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.181 | ug/l | 38.9 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 2.722 | ug/l | 92.3 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 11.396 | ug/l | 105.1 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 2.666 | ug/l | 38.2 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | -0.107 | ug/l | N/A | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.068 | ug/l | 141.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.160 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.289 | ug/l | 42.9 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 2.391 | ug/l | 3.5 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.002 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.118 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.024 | ug/l | 70.0 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.740 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.877 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.161 | ug/l | 54.0 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.039 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.225 | ug/l | 34.8 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.009 | ug/l | 27.5 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | 0.016 | ug/l | 285.5 | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.085 | ug/l | 51.8 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.028 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.022 | ug/l | 17.7 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.013 | ug/l | 201.0 | | | | |
| [Pb] | 207 | 209 | He | 0.004 | ug/l | 509.6 | | | | |
| Pb | 208 | 209 | He | 0.015 | ug/l | 93.9 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3797549.32 | 2.8 | 102.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5849604.36 | 2.1 | 102.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1820238.43 | 0.3 | 106.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45097.00 | 0.9 | 106.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 366835.36 | 1.5 | 103.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 29870.77 | 1.6 | 104.8 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 66995.55 | 2.3 | 107.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 409921.82 | 1.0 | 107.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 335568.36 | 1.0 | 105.5 | 70 | 140 | |

# Sample Report

**File Name** 043SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 21:58:17

**Sample Name** **460-319491-D-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2110

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.010 | ug/l | 1.4 | 2000 | |
| B | 11 | 6 | No Gas | 1766.545 | ug/l | 1.8 | 2000 | |
| Na | 23 | 45 | He | 3609550.272 | ug/l | 0.6 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 405072.648 | ug/l | 0.7 | 500000 | |
| Al | 27 | 45 | He | 2.763 | ug/l | 41.7 | 500000 | |
| K | 39 | 45 | He | 138727.931 | ug/l | 3.0 | 500000 | |
| Ca | 40 | 45 | H2 | 191037.064 | ug/l | 2.9 | 1000000 | |
| Ti | 47 | 45 | He | -0.128 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.210 | ug/l | 17.7 | 5000 | |
| Cr | 52 | 45 | He | -0.956 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 3297.598 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | -2.201 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 1.949 | ug/l | 3.9 | 2000 | |
| Ni | 60 | 45 | He | 1.050 | ug/l | 13.9 | 20000 | |
| Cu | 63 | 45 | He | 1.306 | ug/l | 5.1 | 20000 | |
| Zn | 66 | 45 | He | -0.518 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.642 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.646 | ug/l | 26.0 | 3000 | |
| Sr | 88 | 115 | He | 3076.268 | ug/l | 1.5 | 5000 | |
| Mo | 95 | 115 | He | 8.941 | ug/l | 1.7 | 2000 | |
| Ag | 107 | 115 | He | 0.012 | ug/l | 39.9 | 1000 | |
| Cd | 111 | 115 | He | 0.042 | ug/l | 44.3 | 5000 | |
| Sn | 118 | 115 | He | -0.285 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.434 | ug/l | 17.3 | 1000 | |
| Ba | 137 | 159 | He | 217.010 | ug/l | 2.4 | 20000 | |
| Tl | 205 | 209 | He | 0.050 | ug/l | 7.6 | 1000 | |
| [Pb] | 206 | 209 | He | 0.041 | ug/l | 55.9 | | |
| [Pb] | 207 | 209 | He | 0.029 | ug/l | 73.6 | | |
| Pb | 208 | 209 | He | 0.048 | ug/l | 27.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3365418.42 | 0.7 | 90.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5583418.53 | 0.7 | 98.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1840635.43 | 3.1 | 107.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47215.06 | 1.4 | 111.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372512.93 | 0.3 | 105.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32540.16 | 1.8 | 114.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66262.70 | 0.9 | 106.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 393406.68 | 1.0 | 103.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 287105.89 | 0.9 | 90.3 | 70 | 140 | |

# Sample Report

**File Name** 044SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:00:48

**Sample Name** **460-319491-D-2-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2111

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 746.1 | 2000 | |
| B | 11 | 6 | No Gas | 828.651 | ug/l | 4.7 | 2000 | |
| Na | 23 | 45 | He | 1563262.941 | ug/l | 0.6 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 187628.740 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 7.823 | ug/l | 84.5 | 500000 | |
| K | 39 | 45 | He | 67380.874 | ug/l | 0.3 | 500000 | |
| Ca | 40 | 45 | H2 | 136064.152 | ug/l | 4.3 | 1000000 | |
| Ti | 47 | 45 | He | -0.268 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.073 | ug/l | 50.7 | 5000 | |
| Cr | 52 | 45 | He | -0.933 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 10224.907 | ug/l | 0.9 | 20000 | |
| Fe | 56 | 45 | H2 | 0.167 | ug/l | 406.2 | 500000 | |
| Co | 59 | 45 | He | 7.959 | ug/l | 1.0 | 2000 | |
| Ni | 60 | 45 | He | 4.667 | ug/l | 4.0 | 20000 | |
| Cu | 63 | 45 | He | 2.800 | ug/l | 7.8 | 20000 | |
| Zn | 66 | 45 | He | 0.325 | ug/l | 66.9 | 20000 | |
| As | 75 | 45 | He | -0.746 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.546 | ug/l | 3.6 | 3000 | |
| Sr | 88 | 115 | He | 1551.481 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 14.907 | ug/l | 2.1 | 2000 | |
| Ag | 107 | 115 | He | 0.012 | ug/l | 67.6 | 1000 | |
| Cd | 111 | 115 | He | 0.422 | ug/l | 30.2 | 5000 | |
| Sn | 118 | 115 | He | -0.308 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.596 | ug/l | 26.2 | 1000 | |
| Ba | 137 | 159 | He | 93.587 | ug/l | 4.6 | 20000 | |
| Tl | 205 | 209 | He | 0.308 | ug/l | 10.0 | 1000 | |
| [Pb] | 206 | 209 | He | 0.072 | ug/l | 83.7 | | |
| [Pb] | 207 | 209 | He | 0.078 | ug/l | 107.6 | | |
| Pb | 208 | 209 | He | 0.075 | ug/l | 94.4 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3868974.21 | 4.6 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6310272.41 | 3.0 | 110.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1948008.76 | 2.7 | 113.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 49544.32 | 0.2 | 117.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 404111.23 | 0.7 | 114.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 33524.78 | 1.6 | 117.6 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70619.40 | 1.1 | 113.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 420860.94 | 0.8 | 110.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 310519.13 | 1.6 | 97.6 | 70 | 140 | |

# Sample Report

**File Name** 045SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:03:20

**Sample Name** **460-319491-D-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2112

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 347.7 | 2000 | |
| B | 11 | 6 | No Gas | 464.733 | ug/l | 4.6 | 2000 | |
| Na | 23 | 45 | He | 1061856.996 | ug/l | 1.4 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 192323.358 | ug/l | 0.8 | 500000 | |
| Al | 27 | 45 | He | 3.375 | ug/l | 21.7 | 500000 | |
| K | 39 | 45 | He | 56945.744 | ug/l | 0.5 | 500000 | |
| Ca | 40 | 45 | H2 | 223303.833 | ug/l | 3.9 | 1000000 | |
| Ti | 47 | 45 | He | 0.268 | ug/l | 91.9 | 10000 | |
| V | 51 | 45 | He | 0.316 | ug/l | 7.3 | 5000 | |
| Cr | 52 | 45 | He | -0.878 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 2367.500 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | -2.334 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 1.965 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 2.289 | ug/l | 18.3 | 20000 | |
| Cu | 63 | 45 | He | 2.467 | ug/l | 1.5 | 20000 | |
| Zn | 66 | 45 | He | 2.104 | ug/l | 8.4 | 20000 | |
| As | 75 | 45 | He | -0.587 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 11.838 | ug/l | 8.4 | 3000 | |
| Sr | 88 | 115 | He | 1933.698 | ug/l | 1.9 | 5000 | |
| Mo | 95 | 115 | He | 5.789 | ug/l | 6.1 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 48.4 | 1000 | |
| Cd | 111 | 115 | He | 0.545 | ug/l | 12.5 | 5000 | |
| Sn | 118 | 115 | He | -0.357 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.684 | ug/l | 17.7 | 1000 | |
| Ba | 137 | 159 | He | 200.338 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 0.208 | ug/l | 7.9 | 1000 | |
| [Pb] | 206 | 209 | He | 0.006 | ug/l | 62.3 | | |
| [Pb] | 207 | 209 | He | 0.017 | ug/l | 174.5 | | |
| Pb | 208 | 209 | He | 0.020 | ug/l | 53.8 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3916993.90 | 5.2 | 105.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6420100.46 | 3.3 | 112.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2029690.08 | 1.5 | 118.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 51180.33 | 0.7 | 121.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 414332.17 | 0.9 | 117.4 | 70 | 140 | |
| Ge (IS) | 74 | He | 34388.09 | 0.9 | 120.6 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72351.06 | 1.3 | 116.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 428136.41 | 1.4 | 112.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 317478.60 | 0.5 | 99.8 | 70 | 140 | |

# Sample Report

**File Name** 046SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:05:51

**Sample Name** **460-319491-D-4-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2201

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 574.480 | ug/l | 0.5 | 2000 | |
| Na | 23 | 45 | He | 1311150.741 | ug/l | 1.8 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 219566.723 | ug/l | 3.7 | 500000 | |
| Al | 27 | 45 | He | 2.040 | ug/l | 134.7 | 500000 | |
| K | 39 | 45 | He | 64387.679 | ug/l | 1.5 | 500000 | |
| Ca | 40 | 45 | H2 | 229609.593 | ug/l | 3.4 | 1000000 | |
| Ti | 47 | 45 | He | 0.169 | ug/l | 263.3 | 10000 | |
| V | 51 | 45 | He | 0.270 | ug/l | 31.7 | 5000 | |
| Cr | 52 | 45 | He | -0.953 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 2493.556 | ug/l | 1.5 | 20000 | |
| Fe | 56 | 45 | H2 | -2.218 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 1.925 | ug/l | 4.3 | 2000 | |
| Ni | 60 | 45 | He | 2.568 | ug/l | 6.3 | 20000 | |
| Cu | 63 | 45 | He | 2.777 | ug/l | 1.6 | 20000 | |
| Zn | 66 | 45 | He | -0.077 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.472 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 10.791 | ug/l | 3.4 | 3000 | |
| Sr | 88 | 115 | He | 2080.329 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 6.904 | ug/l | 7.2 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 65.0 | 1000 | |
| Cd | 111 | 115 | He | 0.591 | ug/l | 11.0 | 5000 | |
| Sn | 118 | 115 | He | -0.242 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.532 | ug/l | 12.7 | 1000 | |
| Ba | 137 | 159 | He | 223.981 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.214 | ug/l | 5.0 | 1000 | |
| [Pb] | 206 | 209 | He | 0.023 | ug/l | 142.1 | | |
| [Pb] | 207 | 209 | He | 0.008 | ug/l | 397.6 | | |
| Pb | 208 | 209 | He | 0.020 | ug/l | 70.0 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3793616.75 | 0.9 | 101.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6292432.75 | 1.4 | 110.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1988831.46 | 3.1 | 116.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 50691.80 | 2.0 | 120.1 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 409561.13 | 0.7 | 116.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 33900.15 | 0.1 | 118.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71445.73 | 1.4 | 114.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 425714.49 | 0.9 | 111.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 315223.02 | 0.9 | 99.1 | 70 | 140 | |

# Sample Report

**File Name** 047SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:08:25

**Sample Name** **460-319491-T-5-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2202

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 574.178 | ug/l | 5.0 | 2000 | |
| Na | 23 | 45 | He | 989949.411 | ug/l | 1.3 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 201017.173 | ug/l | 1.6 | 500000 | |
| Al | 27 | 45 | He | 3.352 | ug/l | 168.3 | 500000 | |
| K | 39 | 45 | He | 50949.191 | ug/l | 1.3 | 500000 | |
| Ca | 40 | 45 | H2 | 141030.709 | ug/l | 2.5 | 1000000 | |
| Ti | 47 | 45 | He | 0.159 | ug/l | 97.8 | 10000 | |
| V | 51 | 45 | He | 0.442 | ug/l | 9.0 | 5000 | |
| Cr | 52 | 45 | He | -0.807 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1968.225 | ug/l | 1.3 | 20000 | |
| Fe | 56 | 45 | H2 | -0.071 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 2.255 | ug/l | 1.7 | 2000 | |
| Ni | 60 | 45 | He | 3.668 | ug/l | 6.0 | 20000 | |
| Cu | 63 | 45 | He | 3.481 | ug/l | 3.0 | 20000 | |
| Zn | 66 | 45 | He | 0.058 | ug/l | 802.4 | 20000 | |
| As | 75 | 45 | He | -0.562 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 2.143 | ug/l | 27.4 | 3000 | |
| Sr | 88 | 115 | He | 1411.835 | ug/l | 1.2 | 5000 | |
| Mo | 95 | 115 | He | 9.716 | ug/l | 3.4 | 2000 | |
| Ag | 107 | 115 | He | 0.005 | ug/l | 91.8 | 1000 | |
| Cd | 111 | 115 | He | 0.125 | ug/l | 81.1 | 5000 | |
| Sn | 118 | 115 | He | -0.240 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.385 | ug/l | 36.1 | 1000 | |
| Ba | 137 | 159 | He | 75.321 | ug/l | 1.7 | 20000 | |
| Tl | 205 | 209 | He | 0.080 | ug/l | 14.2 | 1000 | |
| [Pb] | 206 | 209 | He | 0.176 | ug/l | 19.1 | | |
| [Pb] | 207 | 209 | He | 0.188 | ug/l | 16.8 | | |
| Pb | 208 | 209 | He | 0.173 | ug/l | 4.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4086899.45 | 3.6 | 109.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6475604.07 | 3.1 | 113.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2025709.83 | 1.5 | 118.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 51143.54 | 1.6 | 121.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 408783.98 | 0.8 | 115.8 | 70 | 140 | |
| Ge (IS) | 74 | He | 34242.14 | 1.5 | 120.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 72165.61 | 1.0 | 115.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 427991.26 | 0.6 | 112.2 | 70 | 140 | |
| Bi (IS) | 209 | He | 321364.60 | 0.5 | 101.0 | 70 | 140 | |

# Sample Report

**File Name** 048SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:10:56

**Sample Name** **460-319491-T-6-C**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2203

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 208.343 | ug/l | 5.5 | 2000 | |
| Na | 23 | 45 | He | 458058.053 | ug/l | 2.7 | 500000 | >LDR 200.8 |
| Mg | 24 | 45 | He | 55426.274 | ug/l | 1.8 | 500000 | |
| Al | 27 | 45 | He | 1.701 | ug/l | 193.2 | 500000 | |
| K | 39 | 45 | He | 28856.387 | ug/l | 1.7 | 500000 | |
| Ca | 40 | 45 | H2 | 107311.821 | ug/l | 2.3 | 1000000 | |
| Ti | 47 | 45 | He | 0.046 | ug/l | 844.1 | 10000 | |
| V | 51 | 45 | He | 0.835 | ug/l | 5.7 | 5000 | |
| Cr | 52 | 45 | He | -0.649 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 824.911 | ug/l | 1.4 | 20000 | |
| Fe | 56 | 45 | H2 | -2.465 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | 2.569 | ug/l | 3.4 | 2000 | |
| Ni | 60 | 45 | He | 2.126 | ug/l | 3.6 | 20000 | |
| Cu | 63 | 45 | He | 1.265 | ug/l | 8.2 | 20000 | |
| Zn | 66 | 45 | He | 0.675 | ug/l | 120.5 | 20000 | |
| As | 75 | 45 | He | -0.293 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 3.612 | ug/l | 7.1 | 3000 | |
| Sr | 88 | 115 | He | 941.349 | ug/l | 0.3 | 5000 | |
| Mo | 95 | 115 | He | 5.320 | ug/l | 1.2 | 2000 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 45.3 | 1000 | |
| Cd | 111 | 115 | He | 0.759 | ug/l | 20.7 | 5000 | |
| Sn | 118 | 115 | He | -0.194 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 1.033 | ug/l | 6.3 | 1000 | |
| Ba | 137 | 159 | He | 74.256 | ug/l | 3.0 | 20000 | |
| Tl | 205 | 209 | He | 0.070 | ug/l | 11.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.194 | ug/l | 12.3 | | |
| [Pb] | 207 | 209 | He | 0.109 | ug/l | 23.7 | | |
| Pb | 208 | 209 | He | 0.138 | ug/l | 7.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4045259.35 | 3.6 | 108.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6406352.20 | 2.8 | 112.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 2025156.62 | 0.1 | 118.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 51617.34 | 1.3 | 122.3 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 425611.16 | 1.6 | 120.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 35468.59 | 0.8 | 124.4 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 73886.84 | 0.6 | 118.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 440912.86 | 0.8 | 115.6 | 70 | 140 | |
| Bi (IS) | 209 | He | 332423.52 | 1.4 | 104.5 | 70 | 140 | |

# Sample Report

**File Name** 049SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:13:28

**Sample Name** **460-319959-G-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2204

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.010 | ug/l | 134.9 | 2000 | |
| B | 11 | 6 | No Gas | 430.830 | ug/l | 3.0 | 2000 | |
| Na | 23 | 45 | He | 113265.395 | ug/l | 1.4 | 500000 | |
| Mg | 24 | 45 | He | 17535.479 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 39.800 | ug/l | 20.0 | 500000 | |
| K | 39 | 45 | He | 5770.460 | ug/l | 0.6 | 500000 | |
| Ca | 40 | 45 | H2 | 47544.616 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.428 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.039 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.889 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 3619.121 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 71286.391 | ug/l | 1.0 | 500000 | |
| Co | 59 | 45 | He | 12.671 | ug/l | 0.9 | 2000 | |
| Ni | 60 | 45 | He | 69.045 | ug/l | 2.4 | 20000 | |
| Cu | 63 | 45 | He | 0.132 | ug/l | 36.4 | 20000 | |
| Zn | 66 | 45 | He | 70.206 | ug/l | 1.5 | 20000 | |
| As | 75 | 45 | He | -0.644 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.090 | ug/l | 80.0 | 3000 | |
| Sr | 88 | 115 | He | 326.616 | ug/l | 0.7 | 5000 | |
| Mo | 95 | 115 | He | 0.061 | ug/l | 86.9 | 2000 | |
| Ag | 107 | 115 | He | 0.003 | ug/l | 92.6 | 1000 | |
| Cd | 111 | 115 | He | 0.029 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.439 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.115 | ug/l | 23.5 | 1000 | |
| Ba | 137 | 159 | He | 325.086 | ug/l | 2.0 | 20000 | |
| Tl | 205 | 209 | He | 0.007 | ug/l | 29.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.007 | ug/l | 199.3 | | |
| [Pb] | 207 | 209 | He | -0.037 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.010 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4020846.50 | 4.5 | 108.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6201896.85 | 3.7 | 108.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1921224.69 | 1.5 | 112.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47278.61 | 0.5 | 112.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 394282.71 | 0.6 | 111.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 31903.19 | 0.8 | 111.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69994.51 | 1.5 | 112.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 424775.13 | 1.3 | 111.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 336876.30 | 0.1 | 105.9 | 70 | 140 | |

# Sample Report

**File Name** 050SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:16:00

**Sample Name** **460-319959-G-3-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2205

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 157.814 | ug/l | 0.5 | 2000 | |
| Na | 23 | 45 | He | 97939.703 | ug/l | 2.0 | 500000 | |
| Mg | 24 | 45 | He | 17555.872 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 5.921 | ug/l | 44.0 | 500000 | |
| K | 39 | 45 | He | 9812.152 | ug/l | 0.7 | 500000 | |
| Ca | 40 | 45 | H2 | 59754.900 | ug/l | 0.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.245 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.021 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.992 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 6971.508 | ug/l | 0.4 | 20000 | |
| Fe | 56 | 45 | H2 | 2956.957 | ug/l | 5.5 | 500000 | |
| Co | 59 | 45 | He | 0.823 | ug/l | 7.1 | 2000 | |
| Ni | 60 | 45 | He | 2.680 | ug/l | 15.4 | 20000 | |
| Cu | 63 | 45 | He | 0.068 | ug/l | 57.3 | 20000 | |
| Zn | 66 | 45 | He | 2.759 | ug/l | 19.7 | 20000 | |
| As | 75 | 45 | He | -0.640 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.186 | ug/l | 48.1 | 3000 | |
| Sr | 88 | 115 | He | 393.159 | ug/l | 0.9 | 5000 | |
| Mo | 95 | 115 | He | 1.641 | ug/l | 6.1 | 2000 | |
| Ag | 107 | 115 | He | 0.011 | ug/l | 0.2 | 1000 | |
| Cd | 111 | 115 | He | 0.030 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.363 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.102 | ug/l | 16.3 | 1000 | |
| Ba | 137 | 159 | He | 198.790 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.001 | ug/l | 304.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.025 | ug/l | 109.6 | | |
| [Pb] | 207 | 209 | He | -0.033 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.002 | ug/l | 187.6 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4084843.93 | 2.4 | 109.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6129840.74 | 3.3 | 107.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1911647.65 | 0.8 | 111.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46723.33 | 0.7 | 110.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 403450.13 | 1.3 | 114.3 | 70 | 140 | |
| Ge (IS) | 74 | He | 32535.75 | 1.3 | 114.1 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69461.34 | 0.1 | 111.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 422511.55 | 1.8 | 110.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 333775.94 | 0.8 | 104.9 | 70 | 140 | |

# Sample Report

**File Name** 051SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:18:32

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 5.592 | ug/l | 7.9 | 2000 | |
| Na | 23 | 45 | He | 202.138 | ug/l | 3.0 | 500000 | |
| Mg | 24 | 45 | He | 3.311 | ug/l | 20.0 | 500000 | |
| Al | 27 | 45 | He | 3.652 | ug/l | 58.0 | 500000 | |
| K | 39 | 45 | He | 29.398 | ug/l | 41.6 | 500000 | |
| Ca | 40 | 45 | H2 | 9.504 | ug/l | 27.4 | 1000000 | |
| Ti | 47 | 45 | He | 0.446 | ug/l | 42.0 | 10000 | |
| V | 51 | 45 | He | 0.049 | ug/l | 99.2 | 5000 | |
| Cr | 52 | 45 | He | -0.148 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1.351 | ug/l | 4.5 | 20000 | |
| Fe | 56 | 45 | H2 | 24.529 | ug/l | 3.6 | 500000 | |
| Co | 59 | 45 | He | -0.003 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | 0.076 | ug/l | 325.1 | 20000 | |
| Cu | 63 | 45 | He | 0.091 | ug/l | 63.8 | 20000 | |
| Zn | 66 | 45 | He | -0.957 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.878 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.120 | ug/l | 66.9 | 3000 | |
| Sr | 88 | 115 | He | 0.062 | ug/l | 5.6 | 5000 | |
| Mo | 95 | 115 | He | 0.087 | ug/l | 83.6 | 2000 | |
| Ag | 107 | 115 | He | 0.017 | ug/l | 49.9 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.068 | ug/l | 149.8 | 2000 | |
| Sb | 121 | 115 | He | 0.042 | ug/l | 46.7 | 1000 | |
| Ba | 137 | 159 | He | 0.110 | ug/l | 95.5 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 164.4 | 1000 | |
| [Pb] | 206 | 209 | He | 0.022 | ug/l | 117.9 | | |
| [Pb] | 207 | 209 | He | 0.006 | ug/l | 853.5 | | |
| Pb | 208 | 209 | He | 0.018 | ug/l | 120.7 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4057753.69 | 5.2 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6003071.72 | 5.0 | 105.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1856477.37 | 1.7 | 108.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45594.24 | 0.7 | 108.0 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 376283.15 | 0.1 | 106.6 | 70 | 140 | |
| Ge (IS) | 74 | He | 30311.76 | 1.5 | 106.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 67917.81 | 1.9 | 108.9 | 70 | 140 | |
| Tb (IS) | 159 | He | 413433.15 | 0.5 | 108.4 | 70 | 140 | |
| Bi (IS) | 209 | He | 338134.07 | 1.2 | 106.3 | 70 | 140 | |

# Sample Report

**File Name** 052SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:21:05

**Sample Name** **460-319959-G-5-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2206

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.004 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 19.138 | ug/l | 10.2 | 2000 | |
| Na | 23 | 45 | He | 36960.988 | ug/l | 0.2 | 500000 | |
| Mg | 24 | 45 | He | 5194.805 | ug/l | 1.4 | 500000 | |
| Al | 27 | 45 | He | 6.191 | ug/l | 18.5 | 500000 | |
| K | 39 | 45 | He | 1145.871 | ug/l | 0.4 | 500000 | |
| Ca | 40 | 45 | H2 | 16737.411 | ug/l | 1.7 | 1000000 | |
| Ti | 47 | 45 | He | -0.058 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.128 | ug/l | 40.5 | 5000 | |
| Cr | 52 | 45 | He | -1.014 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 43.462 | ug/l | 3.3 | 20000 | |
| Fe | 56 | 45 | H2 | 0.343 | ug/l | 111.0 | 500000 | |
| Co | 59 | 45 | He | -0.003 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.351 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.453 | ug/l | 15.4 | 20000 | |
| Zn | 66 | 45 | He | 12.964 | ug/l | 11.5 | 20000 | |
| As | 75 | 45 | He | -0.338 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.201 | ug/l | 36.7 | 3000 | |
| Sr | 88 | 115 | He | 51.852 | ug/l | 2.0 | 5000 | |
| Mo | 95 | 115 | He | 0.086 | ug/l | 7.2 | 2000 | |
| Ag | 107 | 115 | He | 0.008 | ug/l | 144.1 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.321 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.333 | ug/l | 13.8 | 1000 | |
| Ba | 137 | 159 | He | 2.596 | ug/l | 6.9 | 20000 | |
| Tl | 205 | 209 | He | 0.002 | ug/l | 124.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.006 | ug/l | 179.3 | | |
| [Pb] | 207 | 209 | He | -0.050 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.019 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4015434.24 | 4.1 | 107.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6023277.20 | 2.1 | 105.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1893032.44 | 0.5 | 110.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46707.86 | 1.4 | 110.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 397024.63 | 0.9 | 112.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 32125.90 | 1.0 | 112.7 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69951.46 | 0.2 | 112.2 | 70 | 140 | |
| Tb (IS) | 159 | He | 420910.04 | 0.9 | 110.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 340278.88 | 1.2 | 107.0 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 053_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:23:38

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 93.806 | ug/l | 5.3 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 242.975 | ug/l | 4.8 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24753.522 | ug/l | 0.9 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24419.996 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24756.383 | ug/l | 0.4 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24940.192 | ug/l | 0.7 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 24806.906 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 94.645 | ug/l | 1.4 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 98.565 | ug/l | 1.8 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 96.929 | ug/l | 0.8 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.988 | ug/l | 1.1 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24570.059 | ug/l | 0.3 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 97.436 | ug/l | 0.5 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 97.638 | ug/l | 0.8 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 97.698 | ug/l | 0.5 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 243.959 | ug/l | 1.7 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 101.415 | ug/l | 5.0 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 95.824 | ug/l | 1.1 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 98.145 | ug/l | 3.5 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 96.175 | ug/l | 0.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.055 | ug/l | 1.4 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 96.277 | ug/l | 1.2 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 96.683 | ug/l | 1.2 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.191 | ug/l | 1.2 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 103.444 | ug/l | 1.9 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 95.405 | ug/l | 1.0 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 97.678 | ug/l | 0.5 | | | | |
| [Pb] | 207 | 209 | He | 96.899 | ug/l | 0.6 | | | | |
| Pb | 208 | 209 | He | 97.153 | ug/l | 0.1 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3964875.39 | 3.7 | 106.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5914125.05 | 2.4 | 103.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1856484.56 | 0.8 | 108.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 45254.23 | 1.0 | 107.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382902.28 | 0.9 | 108.5 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31645.87 | 1.5 | 111.0 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 67693.87 | 0.7 | 108.6 | 70 | 140 | |
| Tb (IS) | 159 | He | 412237.59 | 0.5 | 108.1 | 70 | 140 | |
| Bi (IS) | 209 | He | 331038.19 | 1.2 | 104.1 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 054_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:26:09

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Full Quant Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.004 | ug/l | 173.5 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 4.811 | ug/l | 8.7 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 112.768 | ug/l | 8.3 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 1.985 | ug/l | 47.5 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | -2.183 | ug/l | N/A | 40 | -40 | 40 | |
| K | 39 | 45 | He | 25.171 | ug/l | 73.9 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 3.585 | ug/l | 8.0 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.492 | ug/l | 84.0 | 4 | -4 | 4 | |
| V | 51 | 45 | He | -0.015 | ug/l | N/A | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.184 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | 0.211 | ug/l | 66.2 | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 5.544 | ug/l | 3.7 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | 0.010 | ug/l | 168.5 | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | -0.049 | ug/l | N/A | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.099 | ug/l | 30.6 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.171 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.910 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.253 | ug/l | 22.7 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.011 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.135 | ug/l | 20.2 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.012 | ug/l | 59.1 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.020 | ug/l | 86.6 | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.185 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.104 | ug/l | 19.4 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.047 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.022 | ug/l | 29.9 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.008 | ug/l | 341.5 | | | | |
| [Pb] | 207 | 209 | He | 0.009 | ug/l | 432.5 | | | | |
| Pb | 208 | 209 | He | 0.010 | ug/l | 126.7 | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3886040.22 | 3.3 | 104.3 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5945540.40 | 1.3 | 104.4 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1869043.19 | 0.6 | 109.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46098.03 | 1.2 | 109.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 374090.13 | 0.8 | 106.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31063.37 | 0.5 | 108.9 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |
| In-1 | 115 | He | 68888.92 | 1.2 | 110.5 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 416867.31 | 1.9 | 109.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 339312.62 | 0.3 | 106.7 | 70 | 140 | |

# Sample Report

**File Name** 055SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:28:43

**Sample Name** **460-319959-G-6-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2207

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 1.509 | ug/l | 1.5 | 2000 | |
| Na | 23 | 45 | He | 364.733 | ug/l | 5.3 | 500000 | |
| Mg | 24 | 45 | He | 3.761 | ug/l | 17.5 | 500000 | |
| Al | 27 | 45 | He | 4.027 | ug/l | 135.2 | 500000 | |
| K | 39 | 45 | He | 25.262 | ug/l | 11.0 | 500000 | |
| Ca | 40 | 45 | H2 | 17.730 | ug/l | 4.5 | 1000000 | |
| Ti | 47 | 45 | He | -0.130 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.032 | ug/l | 104.4 | 5000 | |
| Cr | 52 | 45 | He | -1.108 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.022 | ug/l | 302.1 | 20000 | |
| Fe | 56 | 45 | H2 | -3.713 | ug/l | N/A | 500000 | |
| Co | 59 | 45 | He | -0.012 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.453 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.140 | ug/l | 9.8 | 20000 | |
| Zn | 66 | 45 | He | -1.406 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.882 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.054 | ug/l | 112.5 | 3000 | |
| Sr | 88 | 115 | He | 0.053 | ug/l | 240.6 | 5000 | |
| Mo | 95 | 115 | He | -0.011 | ug/l | N/A | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 132.4 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | 0.346 | ug/l | 81.5 | 2000 | |
| Sb | 121 | 115 | He | 0.007 | ug/l | 227.6 | 1000 | |
| Ba | 137 | 159 | He | 1.435 | ug/l | 24.0 | 20000 | |
| Tl | 205 | 209 | He | 0.001 | ug/l | 284.1 | 1000 | |
| [Pb] | 206 | 209 | He | -0.001 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.036 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.017 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4042979.31 | 1.3 | 108.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6106198.17 | 1.7 | 107.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1913400.70 | 2.4 | 111.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47125.93 | 1.2 | 111.7 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 372501.27 | 0.4 | 105.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 30546.67 | 1.4 | 107.1 | 70 | 140 | |
| Kr | 83 | He | 0.00 | N/A | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 71145.95 | 0.8 | 114.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 430054.55 | 0.5 | 112.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 349361.60 | 1.5 | 109.8 | 70 | 140 | |

# Sample Report

**File Name** 056SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:31:16

**Sample Name** **460-320113-F-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2208

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.023 | ug/l | 23.0 | 2000 | |
| B | 11 | 6 | No Gas | 28.850 | ug/l | 3.7 | 2000 | |
| Na | 23 | 45 | He | 100230.214 | ug/l | 1.2 | 500000 | |
| Mg | 24 | 45 | He | 6091.301 | ug/l | 0.5 | 500000 | |
| Al | 27 | 45 | He | 2.030 | ug/l | 86.4 | 500000 | |
| K | 39 | 45 | He | 474.751 | ug/l | 5.6 | 500000 | |
| Ca | 40 | 45 | H2 | 5617.279 | ug/l | 1.6 | 1000000 | |
| Ti | 47 | 45 | He | -0.247 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.001 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.943 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 3496.760 | ug/l | 0.6 | 20000 | |
| Fe | 56 | 45 | H2 | 6547.149 | ug/l | 1.1 | 500000 | |
| Co | 59 | 45 | He | 1.871 | ug/l | 5.7 | 2000 | |
| Ni | 60 | 45 | He | 0.098 | ug/l | 113.4 | 20000 | |
| Cu | 63 | 45 | He | -0.013 | ug/l | N/A | 20000 | |
| Zn | 66 | 45 | He | 1.007 | ug/l | 71.9 | 20000 | |
| As | 75 | 45 | He | 1.124 | ug/l | 70.7 | 5000 | |
| Se | 78 | 45 | H2 | 3.985 | ug/l | 2.6 | 3000 | |
| Sr | 88 | 115 | He | 44.584 | ug/l | 1.6 | 5000 | |
| Mo | 95 | 115 | He | 0.428 | ug/l | 8.8 | 2000 | |
| Ag | 107 | 115 | He | 0.004 | ug/l | 254.4 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.159 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.662 | ug/l | 22.5 | 1000 | |
| Ba | 137 | 159 | He | 38.924 | ug/l | 2.2 | 20000 | |
| Tl | 205 | 209 | He | 0.004 | ug/l | 71.8 | 1000 | |
| [Pb] | 206 | 209 | He | 0.758 | ug/l | 10.6 | | |
| [Pb] | 207 | 209 | He | 0.673 | ug/l | 13.8 | | |
| Pb | 208 | 209 | He | 0.735 | ug/l | 5.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3792246.37 | 2.7 | 101.8 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5935027.83 | 1.3 | 104.2 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1934192.84 | 1.0 | 113.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47095.85 | 0.5 | 111.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 401951.13 | 0.5 | 113.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 32416.54 | 0.8 | 113.7 | 70 | 140 | |
| Kr | 83 | He | 10.01 | NaN | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 69465.25 | 0.7 | 111.4 | 70 | 140 | |
| Tb (IS) | 159 | He | 420604.67 | 1.1 | 110.3 | 70 | 140 | |
| Bi (IS) | 209 | He | 337762.85 | 0.7 | 106.2 | 70 | 140 | |

# Sample Report

**File Name** 057SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:33:49

**Sample Name** **Rn Chk**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 3

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.001 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 1.166 | ug/l | 15.5 | 2000 | |
| Na | 23 | 45 | He | 112.981 | ug/l | 4.1 | 500000 | |
| Mg | 24 | 45 | He | 1.384 | ug/l | 57.1 | 500000 | |
| Al | 27 | 45 | He | 4.388 | ug/l | 44.2 | 500000 | |
| K | 39 | 45 | He | 21.891 | ug/l | 29.8 | 500000 | |
| Ca | 40 | 45 | H2 | 4.306 | ug/l | 25.3 | 1000000 | |
| Ti | 47 | 45 | He | -0.035 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | -0.001 | ug/l | N/A | 5000 | |
| Cr | 52 | 45 | He | -0.008 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.378 | ug/l | 42.1 | 20000 | |
| Fe | 56 | 45 | H2 | 27.261 | ug/l | 4.6 | 500000 | |
| Co | 59 | 45 | He | 0.000 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.085 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.044 | ug/l | 138.7 | 20000 | |
| Zn | 66 | 45 | He | -0.851 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.844 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.144 | ug/l | 60.9 | 3000 | |
| Sr | 88 | 115 | He | 0.013 | ug/l | 561.9 | 5000 | |
| Mo | 95 | 115 | He | 0.059 | ug/l | 93.0 | 2000 | |
| Ag | 107 | 115 | He | 0.006 | ug/l | 44.2 | 1000 | |
| Cd | 111 | 115 | He | 0.021 | ug/l | 173.2 | 5000 | |
| Sn | 118 | 115 | He | -0.102 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.009 | ug/l | 603.4 | 1000 | |
| Ba | 137 | 159 | He | -0.026 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.003 | ug/l | 79.0 | 1000 | |
| [Pb] | 206 | 209 | He | 0.003 | ug/l | 785.8 | | |
| [Pb] | 207 | 209 | He | -0.004 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.016 | ug/l | 135.3 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3929902.79 | 2.4 | 105.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5920560.54 | 2.6 | 103.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1865925.13 | 1.3 | 109.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 44710.24 | 0.7 | 105.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377351.77 | 0.5 | 106.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 30077.90 | 1.2 | 105.5 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 66785.88 | 1.0 | 107.1 | 70 | 140 | |
| Tb (IS) | 159 | He | 403736.70 | 0.7 | 105.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 328451.94 | 0.4 | 103.3 | 70 | 140 | |

# Sample Report

**File Name** 058SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:36:23

**Sample Name** **460-320242-M-1-B**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2209

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.001 | ug/l | 660.4 | 2000 | |
| B | 11 | 6 | No Gas | 312.367 | ug/l | 3.1 | 2000 | |
| Na | 23 | 45 | He | 628588.008 | ug/l | 1.8 | 500000 | >LDR 6020B□>LDR 200.8 |
| Mg | 24 | 45 | He | 144562.265 | ug/l | 1.5 | 500000 | |
| Al | 27 | 45 | He | 6.033 | ug/l | 74.0 | 500000 | |
| K | 39 | 45 | He | 37164.254 | ug/l | 1.2 | 500000 | |
| Ca | 40 | 45 | H2 | 206737.885 | ug/l | 4.6 | 1000000 | |
| Ti | 47 | 45 | He | -0.310 | ug/l | N/A | 10000 | |
| V | 51 | 45 | He | 0.110 | ug/l | 25.2 | 5000 | |
| Cr | 52 | 45 | He | -1.021 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 1492.365 | ug/l | 0.8 | 20000 | |
| Fe | 56 | 45 | H2 | 120.882 | ug/l | 6.2 | 500000 | |
| Co | 59 | 45 | He | 4.220 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 1.726 | ug/l | 11.7 | 20000 | |
| Cu | 63 | 45 | He | 1.490 | ug/l | 7.3 | 20000 | |
| Zn | 66 | 45 | He | -0.272 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.614 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 4.723 | ug/l | 7.1 | 3000 | |
| Sr | 88 | 115 | He | 1224.434 | ug/l | 0.4 | 5000 | |
| Mo | 95 | 115 | He | 4.873 | ug/l | 3.2 | 2000 | |
| Ag | 107 | 115 | He | 0.007 | ug/l | 85.7 | 1000 | |
| Cd | 111 | 115 | He | 0.546 | ug/l | 5.9 | 5000 | |
| Sn | 118 | 115 | He | -0.340 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.743 | ug/l | 16.6 | 1000 | |
| Ba | 137 | 159 | He | 113.049 | ug/l | 2.3 | 20000 | |
| Tl | 205 | 209 | He | 0.099 | ug/l | 2.5 | 1000 | |
| [Pb] | 206 | 209 | He | 0.008 | ug/l | 345.1 | | |
| [Pb] | 207 | 209 | He | -0.011 | ug/l | N/A | | |
| Pb | 208 | 209 | He | 0.007 | ug/l | 289.1 | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3830759.98 | 1.6 | 102.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6097433.03 | 1.9 | 107.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1867750.01 | 2.9 | 109.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47212.91 | 1.5 | 111.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 387450.80 | 0.6 | 109.7 | 70 | 140 | |
| Ge (IS) | 74 | He | 32221.68 | 0.5 | 113.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 68418.00 | 0.5 | 109.7 | 70 | 140 | |
| Tb (IS) | 159 | He | 419273.22 | 0.3 | 109.9 | 70 | 140 | |
| Bi (IS) | 209 | He | 316836.87 | 0.5 | 99.6 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

**File Name** 059_CCV.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:38:55

**Sample Name** **CCV**

**Comment** ---

**Dilution** 1.0000

**Vial #** 1301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 92.809 | ug/l | 3.0 | 100 | 90 | 110 | |
| B | 11 | 6 | No Gas | 259.242 | ug/l | 2.6 | 250 | 225 | 275 | |
| Na | 23 | 45 | He | 24418.411 | ug/l | 1.7 | 25000 | 22500 | 27500 | |
| Mg | 24 | 45 | He | 24218.356 | ug/l | 0.8 | 25000 | 22500 | 27500 | |
| Al | 27 | 45 | He | 24551.304 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| K | 39 | 45 | He | 24959.521 | ug/l | 1.7 | 25000 | 22500 | 27500 | |
| Ca | 40 | 45 | H2 | 25183.892 | ug/l | 1.1 | 25000 | 22500 | 27500 | |
| Ti | 47 | 45 | He | 99.142 | ug/l | 2.9 | 100 | 90 | 110 | |
| V | 51 | 45 | He | 97.663 | ug/l | 1.7 | 100 | 90 | 110 | |
| Cr | 52 | 45 | He | 97.111 | ug/l | 2.6 | 100 | 90 | 110 | |
| Mn | 55 | 45 | He | 99.321 | ug/l | 0.6 | 100 | 90 | 110 | |
| Fe | 56 | 45 | H2 | 24797.138 | ug/l | 1.0 | 25000 | 22500 | 27500 | |
| Co | 59 | 45 | He | 96.892 | ug/l | 0.8 | 100 | 90 | 110 | |
| Ni | 60 | 45 | He | 97.328 | ug/l | 0.8 | 100 | 90 | 110 | |
| Cu | 63 | 45 | He | 96.599 | ug/l | 1.0 | 100 | 90 | 110 | |
| Zn | 66 | 45 | He | 242.883 | ug/l | 0.8 | 250 | 225 | 275 | |
| As | 75 | 45 | He | 96.689 | ug/l | 0.2 | 100 | 90 | 110 | |
| Se | 78 | 45 | H2 | 95.074 | ug/l | 2.2 | 100 | 90 | 110 | |
| Sr | 88 | 115 | He | 99.270 | ug/l | 2.0 | 100 | 90 | 110 | |
| Mo | 95 | 115 | He | 98.445 | ug/l | 2.5 | 100 | 90 | 110 | |
| Ag | 107 | 115 | He | 48.645 | ug/l | 1.6 | 50 | 45 | 55 | |
| Cd | 111 | 115 | He | 95.125 | ug/l | 2.1 | 100 | 90 | 110 | |
| Sn | 118 | 115 | He | 97.595 | ug/l | 0.5 | 100 | 90 | 110 | |
| Sb | 121 | 115 | He | 98.486 | ug/l | 1.5 | 100 | 90 | 110 | |
| Ba | 137 | 159 | He | 99.579 | ug/l | 1.9 | 100 | 90 | 110 | |
| Tl | 205 | 209 | He | 97.296 | ug/l | 0.6 | 100 | 90 | 110 | |
| [Pb] | 206 | 209 | He | 98.108 | ug/l | 0.5 | | | | |
| [Pb] | 207 | 209 | He | 97.924 | ug/l | 0.7 | | | | |
| Pb | 208 | 209 | He | 97.890 | ug/l | 0.6 | 100 | 90 | 110 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3862646.44 | 2.8 | 103.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5966522.34 | 2.0 | 104.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1876479.21 | 1.5 | 109.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46606.18 | 0.7 | 110.4 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 389772.10 | 1.1 | 110.4 | 70 | 140 | |

# Continuing Calibration Verification (CCV)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Ge (IS) | 74 | He | 31946.57 | 1.3 | 112.0 | 70 | 140 | |
| Kr | 83 | He | 6.67 | 173.2 | | | | |
| In-1 | 115 | He | 68137.48 | 1.1 | 109.3 | 70 | 140 | |
| Tb (IS) | 159 | He | 418766.08 | 0.3 | 109.8 | 70 | 140 | |
| Bi (IS) | 209 | He | 332668.37 | 0.1 | 104.6 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

**File Name** 060_Blk.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:41:26

**Sample Name** **CCB**

**Comment** ---

**Dilution** 1.0000

**Multiplier Table** 1302

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | ExpectedValue | Lower Lmt | Upper Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 0.012 | ug/l | 113.2 | 0.8 | -0.8 | 0.8 | |
| B | 11 | 6 | No Gas | 4.128 | ug/l | 5.4 | 40 | -40 | 40 | |
| Na | 23 | 45 | He | 88.140 | ug/l | 8.0 | 500 | -500 | 500 | |
| Mg | 24 | 45 | He | 3.357 | ug/l | 21.6 | 200 | -200 | 200 | |
| Al | 27 | 45 | He | 4.487 | ug/l | 65.3 | 40 | -40 | 40 | |
| K | 39 | 45 | He | 20.334 | ug/l | 54.0 | 200 | -200 | 200 | |
| Ca | 40 | 45 | H2 | 5.984 | ug/l | 17.9 | 500 | -500 | 500 | |
| Ti | 47 | 45 | He | 0.124 | ug/l | 446.7 | 4 | -4 | 4 | |
| V | 51 | 45 | He | 0.002 | ug/l | 3089.6 | 4 | -4 | 4 | |
| Cr | 52 | 45 | He | -0.241 | ug/l | N/A | 4 | -4 | 4 | |
| Mn | 55 | 45 | He | -0.071 | ug/l | N/A | 8 | -8 | 8 | |
| Fe | 56 | 45 | H2 | 6.967 | ug/l | 8.7 | 60 | -60 | 60 | |
| Co | 59 | 45 | He | -0.004 | ug/l | N/A | 4 | -4 | 4 | |
| Ni | 60 | 45 | He | 0.029 | ug/l | 575.2 | 4 | -4 | 4 | |
| Cu | 63 | 45 | He | 0.079 | ug/l | 38.9 | 4 | -4 | 4 | |
| Zn | 66 | 45 | He | -1.115 | ug/l | N/A | 16 | -16 | 16 | |
| As | 75 | 45 | He | -0.666 | ug/l | N/A | 2 | -2 | 2 | |
| Se | 78 | 45 | H2 | 0.342 | ug/l | 68.5 | 2.5 | -2.5 | 2.5 | |
| Sr | 88 | 115 | He | -0.032 | ug/l | N/A | 4 | -4 | 4 | |
| Mo | 95 | 115 | He | 0.240 | ug/l | 30.0 | 4 | -4 | 4 | |
| Ag | 107 | 115 | He | 0.012 | ug/l | 87.6 | 2 | -2 | 2 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 2 | -2 | 2 | |
| Sn | 118 | 115 | He | -0.001 | ug/l | N/A | 16 | -16 | 16 | |
| Sb | 121 | 115 | He | 0.072 | ug/l | 39.9 | 2 | -2 | 2 | |
| Ba | 137 | 159 | He | -0.048 | ug/l | N/A | 4 | -4 | 4 | |
| Tl | 205 | 209 | He | 0.030 | ug/l | 18.5 | 0.8 | -0.8 | 0.8 | |
| [Pb] | 206 | 209 | He | 0.011 | ug/l | 129.9 | | | | |
| [Pb] | 207 | 209 | He | -0.010 | ug/l | N/A | | | | |
| Pb | 208 | 209 | He | -0.006 | ug/l | N/A | 1.2 | -1.2 | 1.2 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3878336.33 | 3.3 | 104.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 5953140.88 | 3.8 | 104.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1900490.06 | 2.2 | 111.0 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46401.09 | 1.1 | 109.9 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 380866.90 | 0.3 | 107.9 | 70 | 140 | |
| Ge (IS) | 74 | He | 31361.93 | 1.5 | 110.0 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |
| In-1 | 115 | He | 69947.41 | 1.6 | 112.2 | 70 | 140 | |

# Initial/Continuing Calibration Blank (ICB/CCB)

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower %Lmt | Upper %Lmt | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Tb (IS) | 159 | He | 419706.05 | 0.7 | 110.0 | 70 | 140 | |
| Bi (IS) | 209 | He | 341680.84 | 0.9 | 107.4 | 70 | 140 | |

# Sample Report

**File Name** 061SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:44:01

**Sample Name** **MB 460-1020753/1-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2301

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | -0.005 | ug/l | N/A | 2000 | |
| B | 11 | 6 | No Gas | 2.006 | ug/l | 9.2 | 2000 | |
| Na | 23 | 45 | He | 69.493 | ug/l | 7.2 | 500000 | |
| Mg | 24 | 45 | He | 0.351 | ug/l | 148.9 | 500000 | |
| Al | 27 | 45 | He | 0.059 | ug/l | 4137.5 | 500000 | |
| K | 39 | 45 | He | 24.245 | ug/l | 8.6 | 500000 | |
| Ca | 40 | 45 | H2 | 2.689 | ug/l | 39.9 | 1000000 | |
| Ti | 47 | 45 | He | 0.058 | ug/l | 539.6 | 10000 | |
| V | 51 | 45 | He | 0.065 | ug/l | 147.2 | 5000 | |
| Cr | 52 | 45 | He | -0.333 | ug/l | N/A | 20000 | |
| Mn | 55 | 45 | He | 0.002 | ug/l | 10833.2 | 20000 | |
| Fe | 56 | 45 | H2 | 2.800 | ug/l | 8.2 | 500000 | |
| Co | 59 | 45 | He | 0.000 | ug/l | N/A | 2000 | |
| Ni | 60 | 45 | He | -0.083 | ug/l | N/A | 20000 | |
| Cu | 63 | 45 | He | 0.082 | ug/l | 42.5 | 20000 | |
| Zn | 66 | 45 | He | -1.007 | ug/l | N/A | 20000 | |
| As | 75 | 45 | He | -0.821 | ug/l | N/A | 5000 | |
| Se | 78 | 45 | H2 | 0.150 | ug/l | 73.0 | 3000 | |
| Sr | 88 | 115 | He | 0.055 | ug/l | 49.8 | 5000 | |
| Mo | 95 | 115 | He | 0.121 | ug/l | 1.9 | 2000 | |
| Ag | 107 | 115 | He | 0.010 | ug/l | 108.4 | 1000 | |
| Cd | 111 | 115 | He | 0.000 | ug/l | N/A | 5000 | |
| Sn | 118 | 115 | He | -0.085 | ug/l | N/A | 2000 | |
| Sb | 121 | 115 | He | 0.008 | ug/l | 283.0 | 1000 | |
| Ba | 137 | 159 | He | -0.031 | ug/l | N/A | 20000 | |
| Tl | 205 | 209 | He | 0.004 | ug/l | 48.8 | 1000 | |
| [Pb] | 206 | 209 | He | -0.021 | ug/l | N/A | | |
| [Pb] | 207 | 209 | He | -0.011 | ug/l | N/A | | |
| Pb | 208 | 209 | He | -0.008 | ug/l | N/A | 20000 | |

**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 4077589.18 | 1.3 | 109.5 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6260751.43 | 1.9 | 109.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1913508.44 | 0.6 | 111.7 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 46693.37 | 0.6 | 110.6 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 377877.07 | 1.1 | 107.0 | 70 | 140 | |
| Ge (IS) | 74 | He | 31165.89 | 1.3 | 109.3 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70468.99 | 1.3 | 113.0 | 70 | 140 | |
| Tb (IS) | 159 | He | 426133.26 | 1.4 | 111.7 | 70 | 140 | |
| Bi (IS) | 209 | He | 344785.06 | 0.2 | 108.4 | 70 | 140 | |

# Sample Report

**File Name** 062SMPL.d

**File Path** C:\Agilent\ICPMH\1\DATA\NM021125_B.b

**Acq Time** 2025-02-11 22:46:34

**Sample Name** **LCS 460-1020753/2-A**

**Comment** ---

**Dilution** **1.0000**

**Vial #** 2302

**FullQuant Table**

| Element | Mass | ISTD | Tune Mode | Conc. | Units | RSD(%) | High Value | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Be | 9 | 6 | No Gas | 24.384 | ug/l | 4.0 | 2000 | |
| B | 11 | 6 | No Gas | 479.967 | ug/l | 1.4 | 2000 | |
| Na | 23 | 45 | He | 2474.462 | ug/l | 1.7 | 500000 | |
| Mg | 24 | 45 | He | 2415.224 | ug/l | 1.0 | 500000 | |
| Al | 27 | 45 | He | 2432.651 | ug/l | 0.0 | 500000 | |
| K | 39 | 45 | He | 2512.269 | ug/l | 1.1 | 500000 | |
| Ca | 40 | 45 | H2 | 2549.258 | ug/l | 1.1 | 1000000 | |
| Ti | 47 | 45 | He | 51.086 | ug/l | 3.5 | 10000 | |
| V | 51 | 45 | He | 49.752 | ug/l | 2.3 | 5000 | |
| Cr | 52 | 45 | He | 48.951 | ug/l | 0.9 | 20000 | |
| Mn | 55 | 45 | He | 250.132 | ug/l | 0.5 | 20000 | |
| Fe | 56 | 45 | H2 | 2573.000 | ug/l | 0.7 | 500000 | |
| Co | 59 | 45 | He | 24.771 | ug/l | 2.8 | 2000 | |
| Ni | 60 | 45 | He | 48.859 | ug/l | 1.7 | 20000 | |
| Cu | 63 | 45 | He | 49.489 | ug/l | 2.5 | 20000 | |
| Zn | 66 | 45 | He | 246.612 | ug/l | 1.0 | 20000 | |
| As | 75 | 45 | He | 50.842 | ug/l | 4.8 | 5000 | |
| Se | 78 | 45 | H2 | 47.959 | ug/l | 0.5 | 3000 | |
| Sr | 88 | 115 | He | 50.127 | ug/l | 2.7 | 5000 | |
| Mo | 95 | 115 | He | 46.520 | ug/l | 2.2 | 2000 | |
| Ag | 107 | 115 | He | 25.776 | ug/l | 1.4 | 1000 | |
| Cd | 111 | 115 | He | 23.953 | ug/l | 3.0 | 5000 | |
| Sn | 118 | 115 | He | 48.602 | ug/l | 4.2 | 2000 | |
| Sb | 121 | 115 | He | 23.657 | ug/l | 3.6 | 1000 | |
| Ba | 137 | 159 | He | 50.835 | ug/l | 1.3 | 20000 | |
| Tl | 205 | 209 | He | 19.570 | ug/l | 0.9 | 1000 | |
| [Pb] | 206 | 209 | He | 24.494 | ug/l | 0.6 | | |
| [Pb] | 207 | 209 | He | 24.349 | ug/l | 3.0 | | |
| Pb | 208 | 209 | He | 24.594 | ug/l | 1.3 | 20000 | |

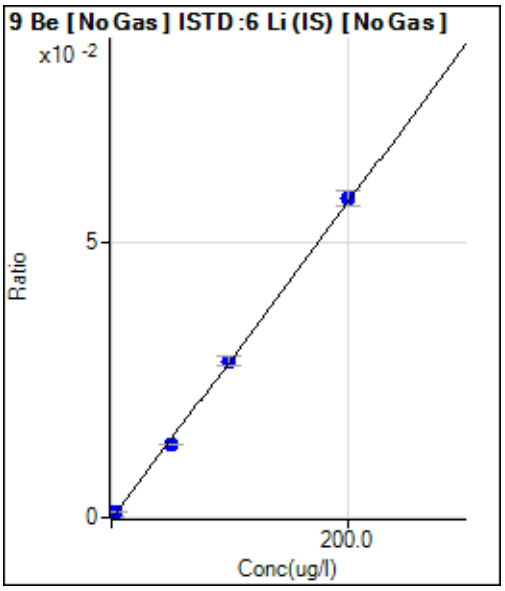
**ISTD Table:**

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| Li (IS) | 6 | No Gas | 3912543.14 | 0.1 | 105.1 | 70 | 140 | |
| Sc (ISICPMS) | 45 | No Gas | 6014037.41 | 1.5 | 105.6 | 70 | 140 | |
| Sc (ISICPMS) | 45 | H2 | 1898930.98 | 0.7 | 110.9 | 70 | 140 | |
| Sc (ISICPMS) | 45 | He | 47353.33 | 0.4 | 112.2 | 70 | 140 | |
| Ge (IS) | 74 | H2 | 382981.58 | 0.2 | 108.5 | 70 | 140 | |
| Ge (IS) | 74 | He | 31192.56 | 0.8 | 109.4 | 70 | 140 | |
| Kr | 83 | He | 3.34 | 173.2 | | | | |

| Element | Mass | Tune Mode | CPS | RSD(%) | ISTD Recovery % | Lower Limit | Upper Limit | QC Flag |
|---|---|---|---|---|---|---|---|---|
| In-1 | 115 | He | 70152.06 | 1.6 | 112.5 | 70 | 140 | |
| Tb (IS) | 159 | He | 421658.89 | 1.2 | 110.5 | 70 | 140 | |
| Bi (IS) | 209 | He | 341715.80 | 0.9 | 107.4 | 70 | 140 | |

Batch Folder: C:\Agilent\ICPMH\1\DATA\NM021125_B.b\
Analysis File: NM021125_B.batch.bin
DA Date-Time: 2025-02-11 22:39:58
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

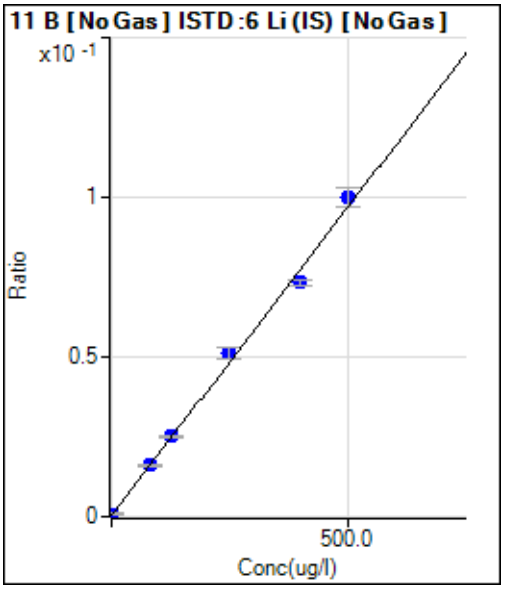
| Level | Standard Data File | Sample Name | Acq. Date-Time |
|---|---|---|---|
| 1 | 004CALB.d | IC CAL-Blk | 2025-02-11 20:17:19 |
| 2 | 005CALS.d | IC CAL1 | 2025-02-11 20:20:20 |
| 3 | 006CALS.d | IC CAL2 | 2025-02-11 20:23:06 |
| 4 | 007CALS.d | IC CAL3 | 2025-02-11 20:25:51 |
| 5 | 008CALS.d | IC CAL4 | 2025-02-11 20:28:35 |
| 6 | 009CALS.d | IC CAL5 | 2025-02-11 20:31:21 |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 11.11 | 0.0000 | P | 74.4 | |
| 2 | ☐ | 0.800 | 0.723 | 797.80 | 0.0002 | P | 7.5 | -9.6 |
| 3 | ☐ | 4.000 | 3.632 | 4087.28 | 0.0010 | P | 4.5 | -9.2 |
| 4 | ☐ | 50.000 | 46.023 | 51535.03 | 0.0133 | P | 0.8 | -8.0 |
| 5 | ☐ | 100.000 | 98.715 | 102694.16 | 0.0285 | P | 6.4 | -1.3 |
| 6 | ☐ | 200.000 | 201.645 | 215144.50 | 0.0581 | P | 4.6 | 0.8 |

y = 2.8824E-004 * x + 2.9975E-006
R = 0.9998
DL = 0.0232 ug/l
BEC = 0.0104 ug/l

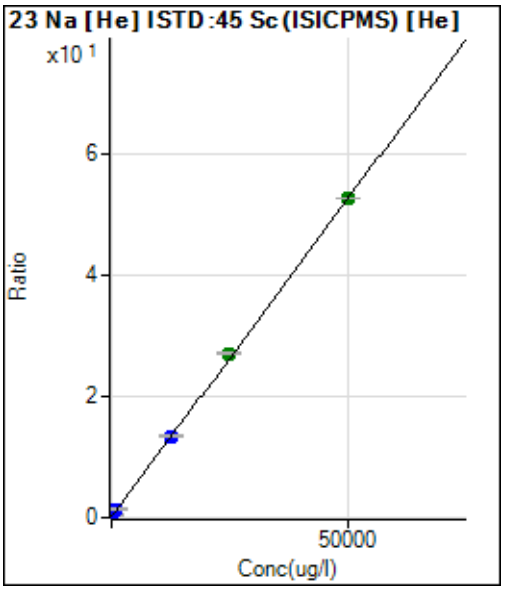
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3287.07 | 0.0009 | P | 6.1 | |
| 2 | ☐ | 80.000 | 78.177 | 60315.61 | 0.0160 | P | 3.7 | -2.3 |
| 3 | ☐ | 400.000 | 375.913 | 286297.46 | 0.0735 | P | 2.6 | -6.0 |
| 4 | ☐ | 125.000 | 125.266 | 97424.11 | 0.0251 | P | 4.3 | 0.2 |
| 5 | ☐ | 250.000 | 261.537 | 185612.83 | 0.0514 | P | 6.6 | 4.6 |
| 6 | ☐ | 500.000 | 513.726 | 370727.61 | 0.1002 | P | 5.6 | 2.7 |

y = 1.9329E-004 * x + 8.8420E-004
R = 0.9976
DL = 0.839 ug/l
BEC = 4.574 ug/l

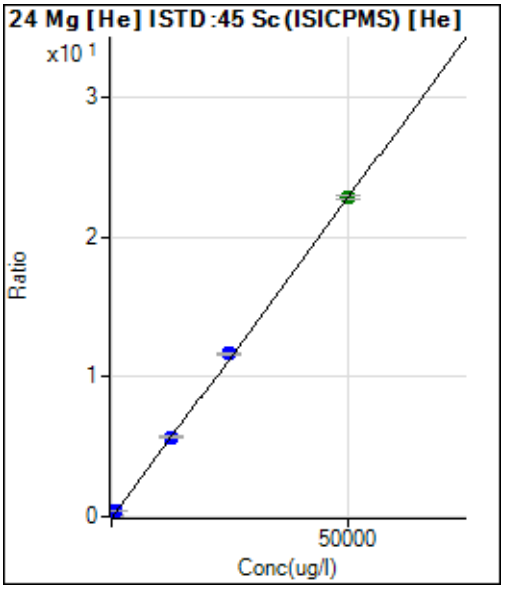
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16802.35 | 0.3981 | P | 0.6 | |
| 2 | ☐ | 200.000 | 225.733 | 26490.60 | 0.6356 | P | 0.6 | 12.9 |
| 3 | ☐ | 1000.000 | 979.291 | 60252.37 | 1.4284 | P | 1.5 | -2.1 |
| 4 | ☐ | 12500.00 | 12441.46 | 545732.96 | 13.487 | P | 1.7 | -0.5 |
| 5 | ☐ | 25000.00 | 25394.87 | 1081867.48 | 27.115 | A | 1.2 | 1.6 |
| 6 | ☐ | 50000.00 | 49817.51 | 2187791.48 | 52.809 | A | 0.3 | -0.4 |

y = 0.0011 * x + 0.3981
R = 1.0000
DL = 6.267 ug/l
BEC = 378.4 ug/l

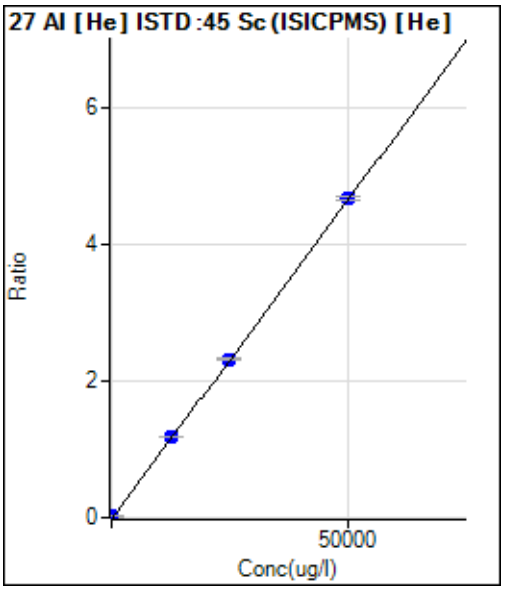
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 65.56 | 0.0016 | P | 24.6 | |
| 2 | ☐ | 200.000 | 201.561 | 3915.02 | 0.0939 | P | 1.3 | 0.8 |
| 3 | ☐ | 1000.000 | 978.776 | 18993.00 | 0.4502 | P | 0.4 | -2.1 |
| 4 | ☐ | 12500.00 | 12330.85 | 228756.84 | 5.6538 | P | 2.1 | -1.4 |
| 5 | ☐ | 25000.00 | 25397.31 | 464582.61 | 11.643 | P | 1.1 | 1.6 |
| 6 | ☐ | 50000.00 | 49844.04 | 946606.06 | 22.849 | A | 1.0 | -0.3 |

y = 4.5838E-004 * x + 0.0016
R = 0.9999
DL = 2.499 ug/l
BEC = 3.385 ug/l

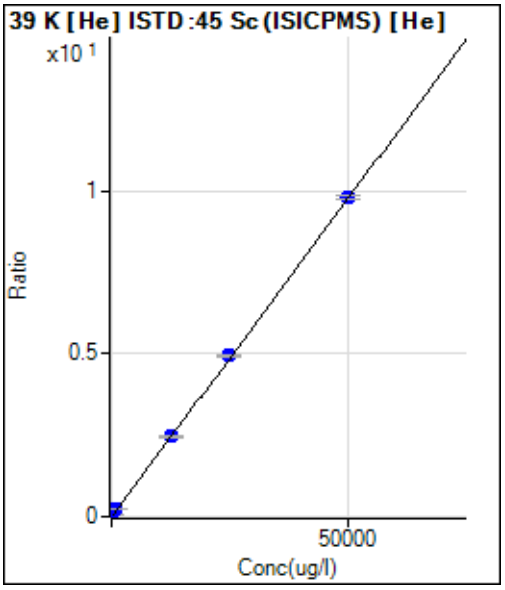
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 28.89 | 0.0007 | P | 16.8 | |
| 2 | ☐ | 40.000 | 39.307 | 181.12 | 0.0043 | P | 3.1 | -1.7 |
| 3 | ☐ | 200.000 | 198.909 | 811.14 | 0.0192 | P | 9.8 | -0.5 |
| 4 | ☐ | 12500.00 | 12587.31 | 47494.16 | 1.1736 | P | 0.2 | 0.7 |
| 5 | ☐ | 25000.00 | 24833.21 | 92354.48 | 2.3147 | P | 1.3 | -0.7 |
| 6 | ☐ | 50000.00 | 50061.57 | 193278.98 | 4.6655 | P | 1.6 | 0.1 |

y = 9.3182E-005 * x + 6.8382E-004
R = 1.0000
DL = 3.697 ug/l
BEC = 7.338 ug/l

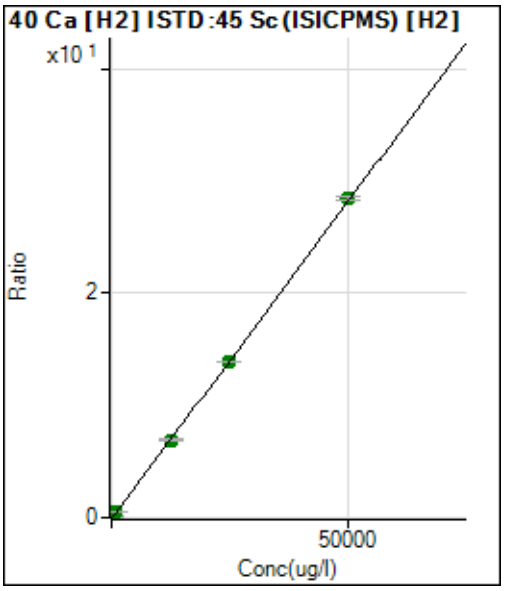
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1681.23 | 0.0398 | P | 8.8 | |
| 2 | ☐ | 200.000 | 221.307 | 3462.68 | 0.0831 | P | 1.6 | 10.7 |
| 3 | ☐ | 1000.000 | 996.458 | 9895.81 | 0.2346 | P | 1.7 | -0.4 |
| 4 | ☐ | 12500.00 | 12413.50 | 99775.31 | 2.4661 | P | 2.5 | -0.7 |
| 5 | ☐ | 25000.00 | 25064.31 | 197068.36 | 4.9387 | P | 0.4 | 0.3 |
| 6 | ☐ | 50000.00 | 49989.45 | 406417.02 | 9.8103 | P | 1.1 | 0.0 |

y = 1.9545E-004 * x + 0.0398
R = 1.0000
DL = 53.52 ug/l
BEC = 203.8 ug/l

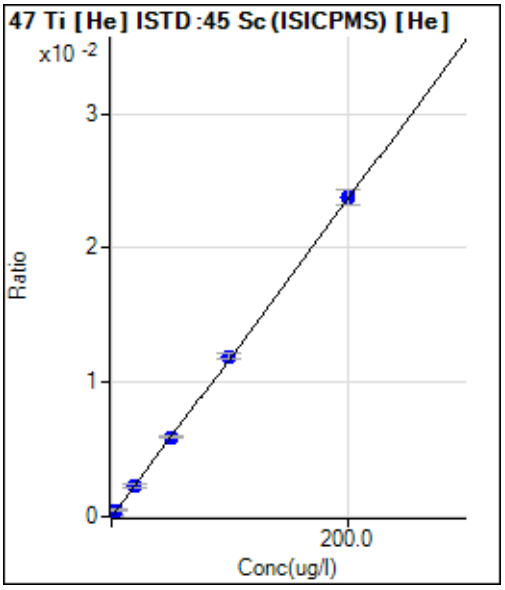
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 46711.92 | 0.0273 | P | 1.3 | |
| 2 | ☐ | 200.000 | 201.075 | 239638.98 | 0.1410 | P | 1.3 | 0.5 |
| 3 | ☐ | 1000.000 | 1000.193 | 1024511.08 | 0.5929 | A | 1.7 | 0.0 |
| 4 | ☐ | 12500.00 | 12184.70 | 11679595.66 | 6.9182 | A | 2.4 | -2.5 |
| 5 | ☐ | 25000.00 | 24547.22 | 23439486.32 | 13.909 | A | 0.9 | -1.8 |
| 6 | ☐ | 50000.00 | 50305.20 | 47099177.08 | 28.476 | A | 1.7 | 0.6 |

y = 5.6554E-004 * x + 0.0273
R = 0.9999
DL = 1.855 ug/l
BEC = 48.24 ug/l

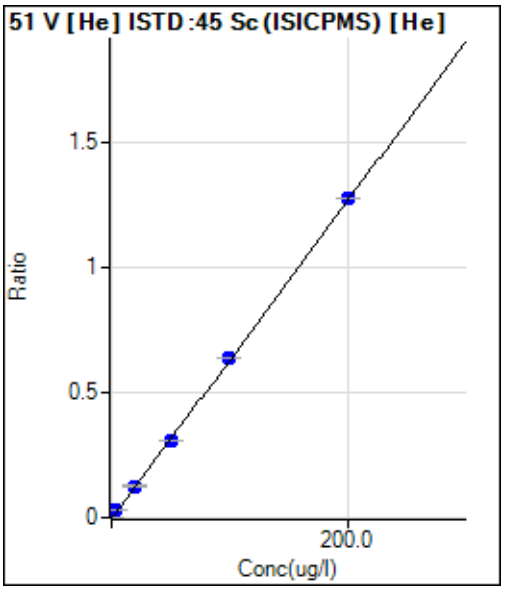
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 3.33 | 0.0001 | P | 62.1 | |
| 2 | ☐ | 4.000 | 3.523 | 20.67 | 0.0005 | P | 23.3 | -11.9 |
| 3 | ☐ | 20.000 | 18.640 | 96.34 | 0.0023 | P | 13.8 | -6.8 |
| 4 | ☐ | 50.000 | 49.471 | 240.36 | 0.0059 | P | 1.8 | -1.1 |
| 5 | ☐ | 100.000 | 100.201 | 476.72 | 0.0120 | P | 4.1 | 0.2 |
| 6 | ☐ | 200.000 | 200.177 | 985.80 | 0.0238 | P | 5.4 | 0.1 |

y = 1.1848E-004 * x + 7.8849E-005
R = 1.0000
DL = 1.239 ug/l
BEC = 0.6655 ug/l

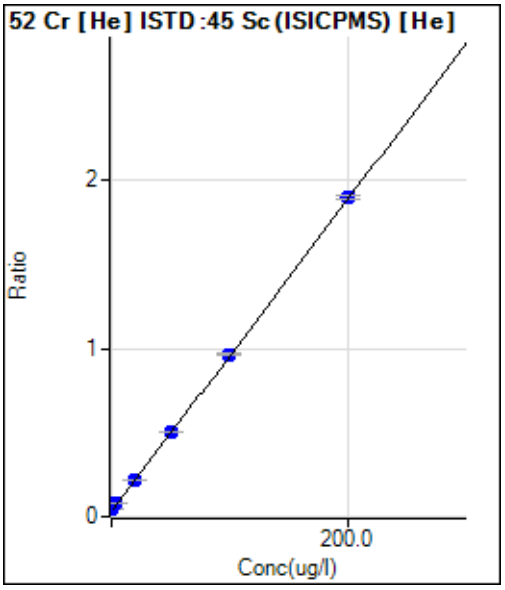
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 58.89 | 0.0014 | P | 17.8 | |
| 2 | ☐ | 4.000 | 4.111 | 1150.06 | 0.0276 | P | 2.4 | 2.8 |
| 3 | ☐ | 20.000 | 19.658 | 5343.31 | 0.1267 | P | 1.0 | -1.7 |
| 4 | ☐ | 50.000 | 48.151 | 12471.30 | 0.3082 | P | 1.7 | -3.7 |
| 5 | ☐ | 100.000 | 100.039 | 25492.63 | 0.6389 | P | 0.2 | 0.0 |
| 6 | ☐ | 200.000 | 200.475 | 52978.58 | 1.2788 | P | 0.6 | 0.2 |

y = 0.0064 * x + 0.0014
R = 0.9999
DL = 0.1173 ug/l
BEC = 0.2191 ug/l

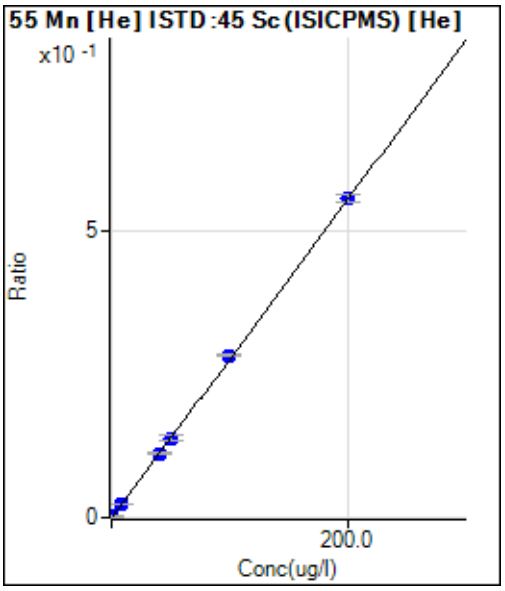
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 1741.23 | 0.0413 | P | 5.8 | |
| 2 | ☐ | 4.000 | 3.975 | 3254.85 | 0.0781 | P | 2.4 | -0.6 |
| 3 | ☐ | 20.000 | 19.454 | 9344.36 | 0.2215 | P | 1.0 | -2.7 |
| 4 | ☐ | 50.000 | 49.332 | 20167.08 | 0.4983 | P | 0.3 | -1.3 |
| 5 | ☐ | 100.000 | 99.711 | 38508.37 | 0.9651 | P | 1.4 | -0.3 |
| 6 | ☐ | 200.000 | 200.367 | 78618.34 | 1.8977 | P | 1.2 | 0.2 |

y = 0.0093 * x + 0.0413
R = 1.0000
DL = 0.7734 ug/l
BEC = 4.455 ug/l

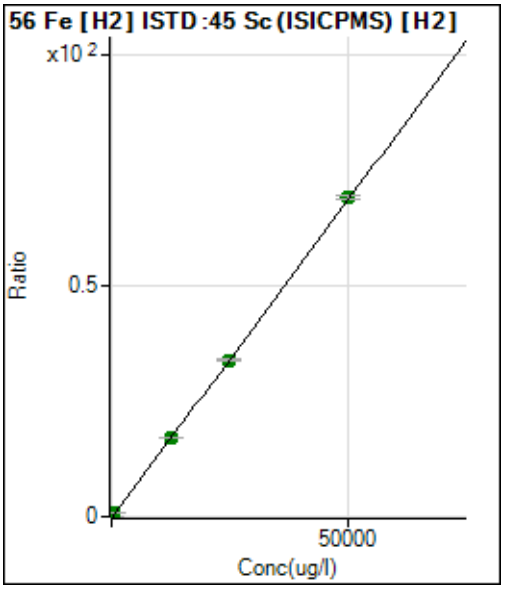
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 71.11 | 0.0017 | P | 22.2 | |
| 2 | ☐ | 8.000 | 7.542 | 943.38 | 0.0226 | P | 5.2 | -5.7 |
| 3 | ☐ | 40.000 | 39.541 | 4705.28 | 0.1115 | P | 2.3 | -1.1 |
| 4 | ☐ | 50.000 | 49.062 | 5578.95 | 0.1379 | P | 6.6 | -1.9 |
| 5 | ☐ | 100.000 | 101.279 | 11292.50 | 0.2830 | P | 1.5 | 1.3 |
| 6 | ☐ | 200.000 | 199.706 | 23047.19 | 0.5563 | P | 2.7 | -0.1 |

y = 0.0028 * x + 0.0017
R = 1.0000
DL = 0.4026 ug/l
BEC = 0.6059 ug/l

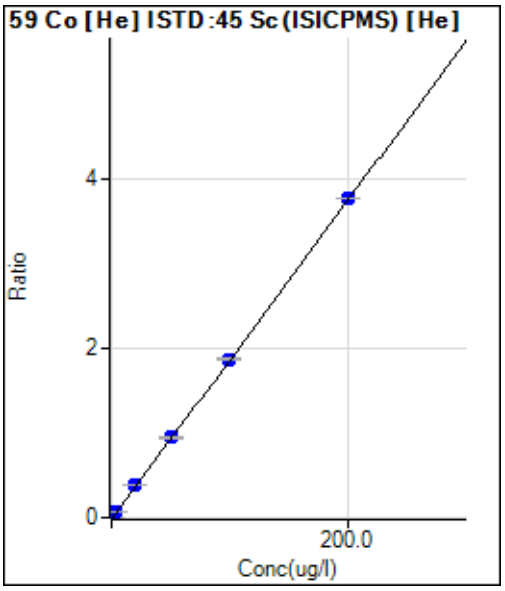
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 41604.34 | 0.0243 | P | 2.8 | |
| 2 | ☐ | 120.000 | 120.710 | 323527.43 | 0.1904 | P | 1.5 | 0.6 |
| 3 | ☐ | 600.000 | 606.216 | 1482951.71 | 0.8582 | A | 2.0 | 1.0 |
| 4 | ☐ | 12500.00 | 12431.76 | 28916132.90 | 17.125 | A | 1.3 | -0.5 |
| 5 | ☐ | 25000.00 | 24607.15 | 57083784.15 | 33.874 | A | 1.2 | -1.6 |
| 6 | ☐ | 50000.00 | 50213.40 | 114286491.6 | 69.099 | A | 1.6 | 0.4 |

y = 0.0014 * x + 0.0243
R = 1.0000
DL = 1.461 ug/l
BEC = 17.67 ug/l

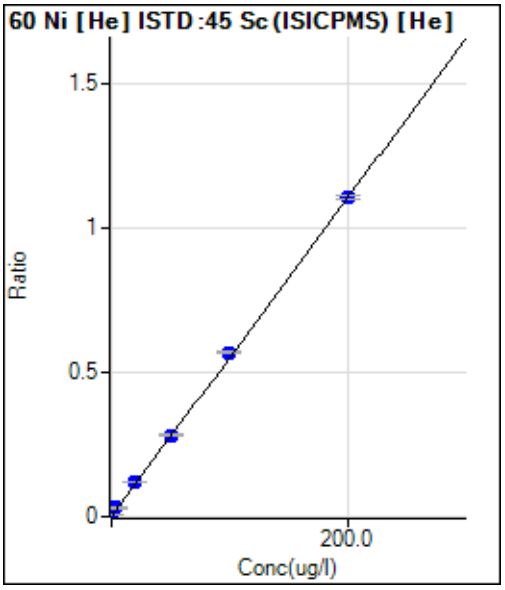
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 43.33 | 0.0010 | P | 22.2 | |
| 2 | ☐ | 4.000 | 3.976 | 3162.61 | 0.0759 | P | 1.9 | -0.6 |
| 3 | ☐ | 20.000 | 20.007 | 15931.58 | 0.3777 | P | 1.4 | 0.0 |
| 4 | ☐ | 50.000 | 50.293 | 38353.78 | 0.9479 | P | 1.8 | 0.6 |
| 5 | ☐ | 100.000 | 99.171 | 74532.15 | 1.8681 | P | 1.5 | -0.8 |
| 6 | ☐ | 200.000 | 200.341 | 156296.33 | 3.7728 | P | 0.5 | 0.2 |

y = 0.0188 * x + 0.0010
R = 1.0000
DL = 0.03619 ug/l
BEC = 0.05446 ug/l

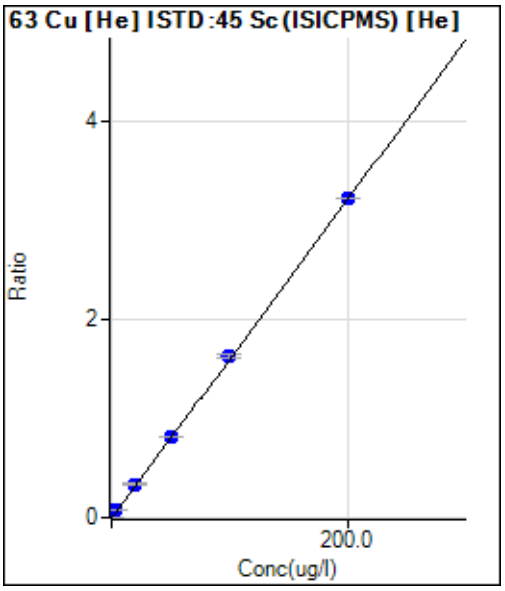
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 316.67 | 0.0075 | P | 9.3 | |
| 2 | ☐ | 4.000 | 4.109 | 1256.74 | 0.0302 | P | 4.7 | 2.7 |
| 3 | ☐ | 20.000 | 20.051 | 4982.05 | 0.1181 | P | 1.6 | 0.3 |
| 4 | ☐ | 50.000 | 49.829 | 11422.62 | 0.2823 | P | 1.7 | -0.3 |
| 5 | ☐ | 100.000 | 101.501 | 22634.39 | 0.5673 | P | 1.3 | 1.5 |
| 6 | ☐ | 200.000 | 199.285 | 45841.20 | 1.1065 | P | 0.7 | -0.4 |

y = 0.0055 * x + 0.0075
R = 1.0000
DL = 0.3791 ug/l
BEC = 1.36 ug/l

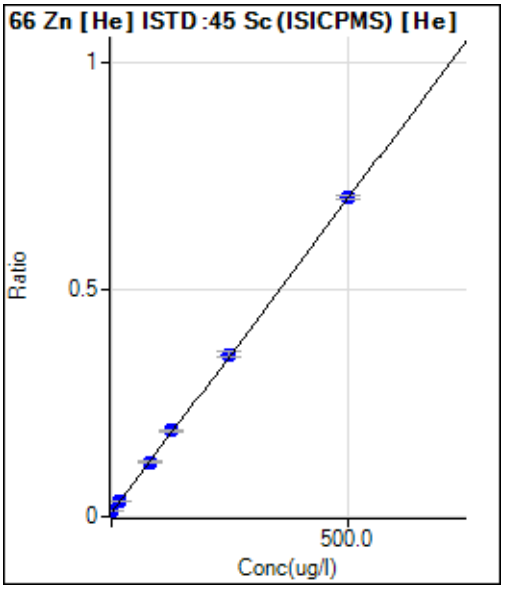
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 301.12 | 0.0071 | P | 13.5 | |
| 2 | ☐ | 4.000 | 4.036 | 3009.25 | 0.0722 | P | 4.3 | 0.9 |
| 3 | ☐ | 20.000 | 20.524 | 14255.31 | 0.3380 | P | 2.6 | 2.6 |
| 4 | ☐ | 50.000 | 50.076 | 32954.34 | 0.8144 | P | 1.6 | 0.2 |
| 5 | ☐ | 100.000 | 100.736 | 65077.99 | 1.6311 | P | 1.6 | 0.7 |
| 6 | ☐ | 200.000 | 199.560 | 133576.95 | 3.2243 | P | 0.2 | -0.2 |

y = 0.0161 * x + 0.0071
R = 1.0000
DL = 0.1789 ug/l
BEC = 0.4422 ug/l

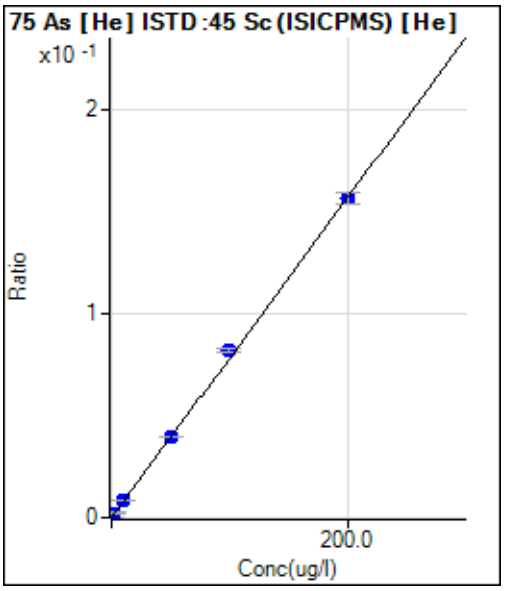
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 517.79 | 0.0123 | P | 9.0 | |
| 2 | ☐ | 16.000 | 15.566 | 1407.86 | 0.0338 | P | 0.7 | -2.7 |
| 3 | ☐ | 80.000 | 77.821 | 5052.08 | 0.1198 | P | 5.4 | -2.7 |
| 4 | ☐ | 125.000 | 128.505 | 7683.33 | 0.1899 | P | 2.7 | 2.8 |
| 5 | ☐ | 250.000 | 249.870 | 14266.42 | 0.3576 | P | 2.8 | -0.1 |
| 6 | ☐ | 500.000 | 499.551 | 29111.12 | 0.7027 | P | 1.2 | -0.1 |

y = 0.0014 * x + 0.0123
R = 1.0000
DL = 2.393 ug/l
BEC = 8.875 ug/l

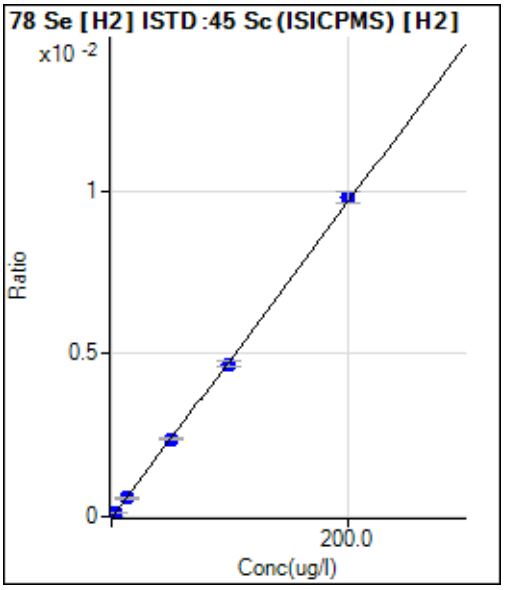
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | -0.868 | 4.44 | 0.0001 | P | 44.2 | |
| 2 | ☐ | 2.000 | 1.776 | 91.11 | 0.0022 | P | 18.6 | -11.2 |
| 3 | ☐ | 10.000 | 9.773 | 357.79 | 0.0085 | P | 1.5 | -2.3 |
| 4 | ☐ | 50.000 | 49.407 | 1605.66 | 0.0397 | P | 1.2 | -1.2 |
| 5 | ☐ | 100.000 | 103.502 | 3282.64 | 0.0823 | P | 1.6 | 3.5 |
| 6 | ☐ | 200.000 | 198.411 | 6502.72 | 0.1570 | P | 3.5 | -0.8 |

y = 7.871337E-004 * x + 7.888186E-004
R = 0.9997
DL = 0.1777 ug/l
BEC = 1.002 ug/l

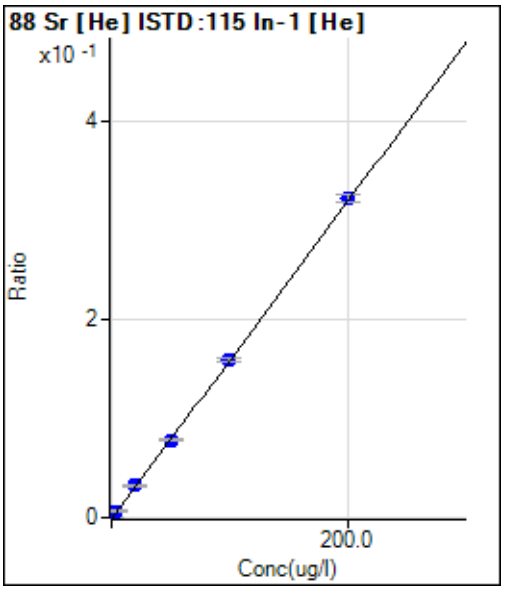
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 4.44 | 0.0000 | P | 41.5 | |
| 2 | ☐ | 2.500 | 2.333 | 196.67 | 0.0001 | P | 7.9 | -6.7 |
| 3 | ☐ | 12.500 | 11.519 | 970.04 | 0.0006 | P | 1.8 | -7.8 |
| 4 | ☐ | 50.000 | 49.231 | 4036.18 | 0.0024 | P | 1.2 | -1.5 |
| 5 | ☐ | 100.000 | 96.408 | 7883.47 | 0.0047 | P | 3.2 | -3.6 |
| 6 | ☐ | 200.000 | 202.051 | 16213.12 | 0.0098 | P | 3.5 | 1.0 |

y = 4.8500E-005 * x + 2.5830E-006
R = 0.9998
DL = 0.06638 ug/l
BEC = 0.05326 ug/l

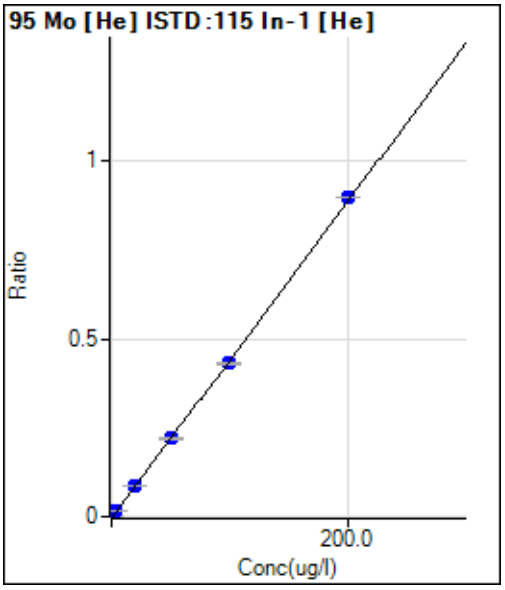
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 12.22 | 0.0002 | P | 41.4 | |
| 2 | ☐ | 4.000 | 3.942 | 397.79 | 0.0065 | P | 12.2 | -1.4 |
| 3 | ☐ | 20.000 | 19.963 | 2006.83 | 0.0322 | P | 4.5 | -0.2 |
| 4 | ☐ | 50.000 | 48.761 | 4657.51 | 0.0784 | P | 1.5 | -2.5 |
| 5 | ☐ | 100.000 | 98.820 | 9485.64 | 0.1588 | P | 2.8 | -1.2 |
| 6 | ☐ | 200.000 | 200.904 | 19210.48 | 0.3225 | P | 2.3 | 0.5 |

y = 0.0016 * x + 1.9578E-004
R = 1.0000
DL = 0.1517 ug/l
BEC = 0.122 ug/l

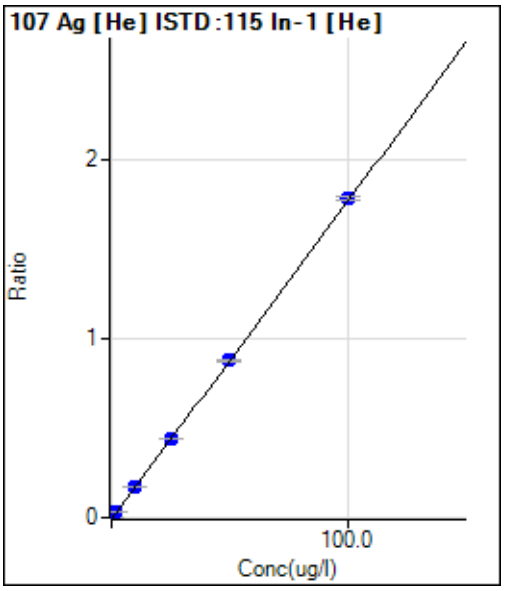
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 16.67 | 0.0003 | P | 51.9 | |
| 2 | ☐ | 4.000 | 3.790 | 1047.82 | 0.0172 | P | 4.2 | -5.3 |
| 3 | ☐ | 20.000 | 19.590 | 5455.60 | 0.0876 | P | 0.7 | -2.1 |
| 4 | ☐ | 50.000 | 49.630 | 13155.44 | 0.2215 | P | 2.2 | -0.7 |
| 5 | ☐ | 100.000 | 96.988 | 25857.27 | 0.4327 | P | 1.1 | -3.0 |
| 6 | ☐ | 200.000 | 201.644 | 53566.04 | 0.8993 | P | 0.6 | 0.8 |

y = 0.0045 * x + 2.6651E-004
R = 0.9998
DL = 0.09307 ug/l
BEC = 0.05977 ug/l

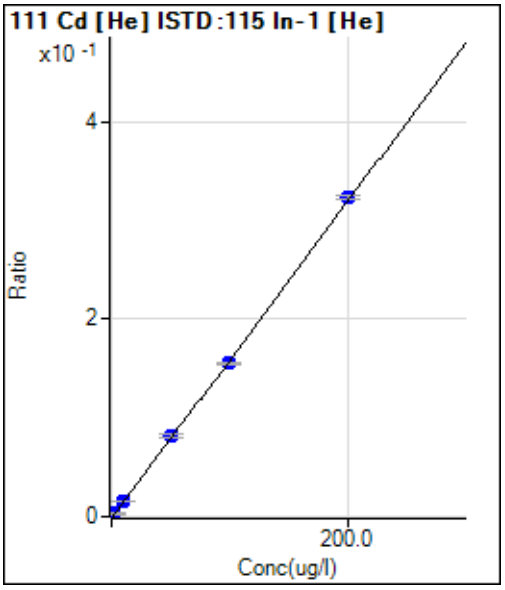
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.89 | 0.0001 | P | 94.0 | |
| 2 | ☐ | 2.000 | 1.926 | 2096.85 | 0.0344 | P | 1.9 | -3.7 |
| 3 | ☐ | 10.000 | 9.689 | 10723.29 | 0.1722 | P | 1.9 | -3.1 |
| 4 | ☐ | 25.000 | 24.707 | 26061.23 | 0.4389 | P | 1.4 | -1.2 |
| 5 | ☐ | 50.000 | 49.386 | 52411.08 | 0.8771 | P | 2.0 | -1.2 |
| 6 | ☐ | 100.000 | 100.413 | 106216.76 | 1.7833 | P | 0.6 | 0.4 |

y = 0.0178 * x + 1.4172E-004
R = 1.0000
DL = 0.02251 ug/l
BEC = 0.007981 ug/l

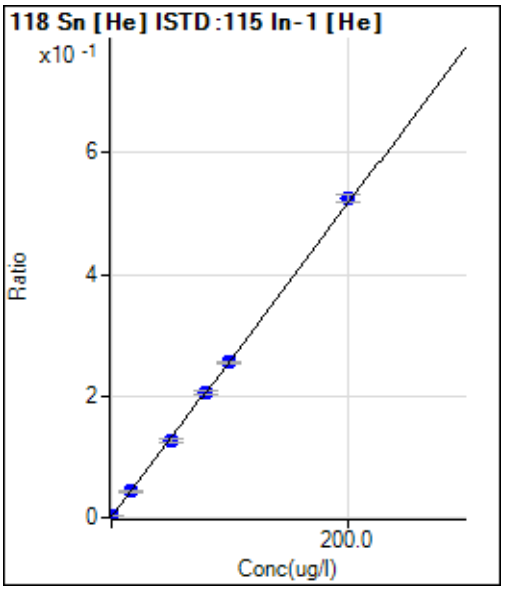
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 0.00 | 0.0000 | P | | |
| 2 | ☐ | 2.000 | 1.825 | 178.89 | 0.0029 | P | 15.7 | -8.7 |
| 3 | ☐ | 10.000 | 9.381 | 937.82 | 0.0151 | P | 3.7 | -6.2 |
| 4 | ☐ | 50.000 | 50.934 | 4856.49 | 0.0818 | P | 5.4 | 1.9 |
| 5 | ☐ | 100.000 | 96.651 | 9272.19 | 0.1552 | P | 0.8 | -3.3 |
| 6 | ☐ | 200.000 | 201.474 | 19264.10 | 0.3234 | P | 1.3 | 0.7 |

y = 0.0016 * x + 0.0000E+000
R = 0.9998
DL = 0 ug/l
BEC = 0 ug/l

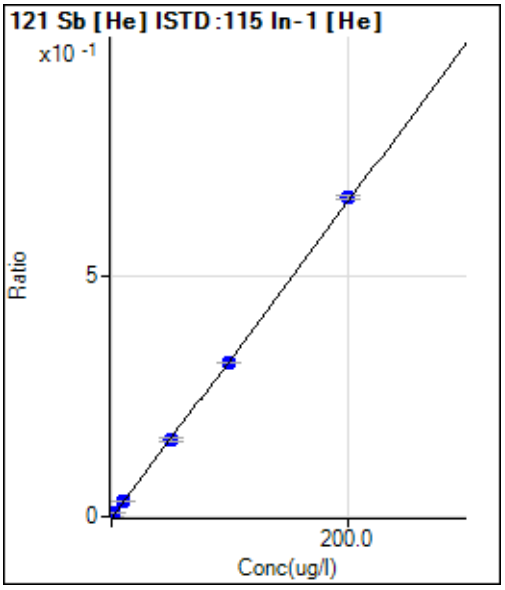
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 228.89 | 0.0037 | P | 16.8 | |
| 2 | ☐ | 16.000 | 15.168 | 2611.39 | 0.0428 | P | 0.7 | -5.2 |
| 3 | ☐ | 80.000 | 78.492 | 12828.52 | 0.2060 | P | 3.0 | -1.9 |
| 4 | ☐ | 50.000 | 47.848 | 7542.21 | 0.1270 | P | 3.5 | -4.3 |
| 5 | ☐ | 100.000 | 97.580 | 15254.47 | 0.2552 | P | 1.1 | -2.4 |
| 6 | ☐ | 200.000 | 202.418 | 31298.40 | 0.5255 | P | 1.9 | 1.2 |

y = 0.0026 * x + 0.0037
R = 0.9998
DL = 0.7158 ug/l
BEC = 1.424 ug/l

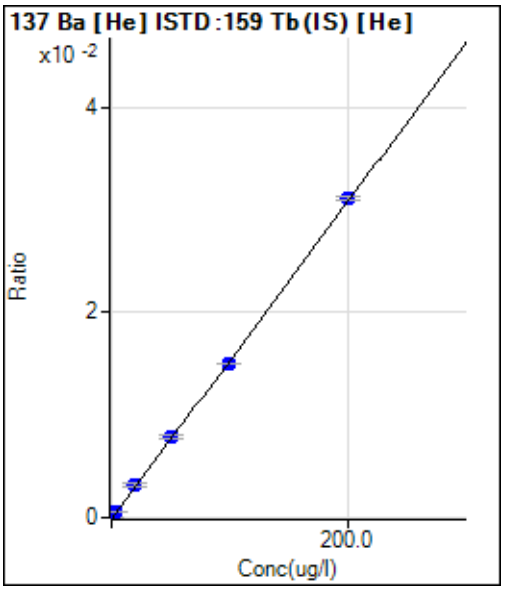
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 20.00 | 0.0003 | P | 50.0 | |
| 2 | ☐ | 2.000 | 1.892 | 398.90 | 0.0065 | P | 16.3 | -5.4 |
| 3 | ☐ | 10.000 | 9.355 | 1934.60 | 0.0311 | P | 2.9 | -6.5 |
| 4 | ☐ | 50.000 | 48.882 | 9557.97 | 0.1610 | P | 4.2 | -2.2 |
| 5 | ☐ | 100.000 | 96.928 | 19056.09 | 0.3189 | P | 0.6 | -3.1 |
| 6 | ☐ | 200.000 | 201.849 | 39532.66 | 0.6637 | P | 0.6 | 0.9 |

y = 0.0033 * x + 3.2044E-004
R = 0.9998
DL = 0.1462 ug/l
BEC = 0.0975 ug/l

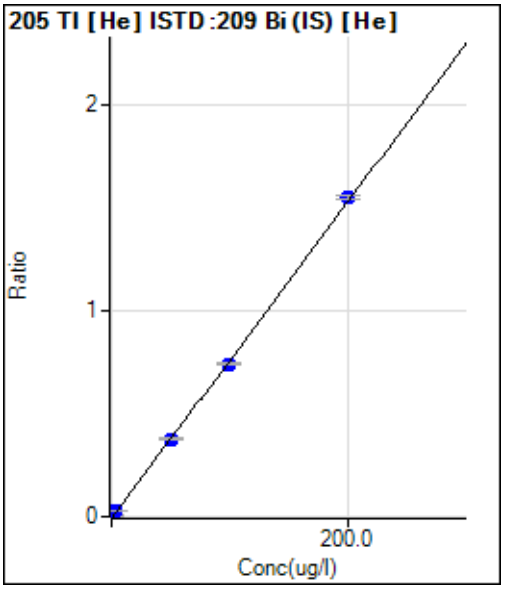
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 8.89 | 0.0000 | P | 78.2 | |
| 2 | ☐ | 4.000 | 3.815 | 230.00 | 0.0006 | P | 6.4 | -4.6 |
| 3 | ☐ | 20.000 | 20.397 | 1212.29 | 0.0032 | P | 8.5 | 2.0 |
| 4 | ☐ | 50.000 | 51.170 | 2951.48 | 0.0079 | P | 5.0 | 2.3 |
| 5 | ☐ | 100.000 | 97.104 | 5626.80 | 0.0150 | P | 0.3 | -2.9 |
| 6 | ☐ | 200.000 | 201.120 | 11651.94 | 0.0311 | P | 1.4 | 0.6 |

y = 1.5473E-004 * x + 2.3280E-005
R = 0.9998
DL = 0.3528 ug/l
BEC = 0.1505 ug/l

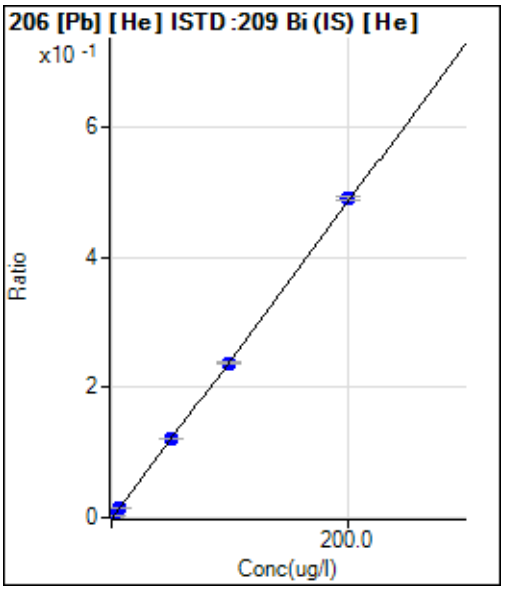
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 7.78 | 0.0000 | P | 137. | |
| 2 | ☐ | 0.800 | 0.761 | 1840.15 | 0.0059 | P | 3.1 | -4.9 |
| 3 | ☐ | 4.000 | 3.830 | 9315.77 | 0.0294 | P | 1.9 | -4.3 |
| 4 | ☐ | 50.000 | 49.006 | 113572.13 | 0.3764 | P | 1.2 | -2.0 |
| 5 | ☐ | 100.000 | 96.680 | 227286.59 | 0.7426 | P | 0.9 | -3.3 |
| 6 | ☐ | 200.000 | 201.912 | 465226.04 | 1.5509 | P | 1.5 | 1.0 |

y = 0.0077 * x + 2.4287E-005
R = 0.9998
DL = 0.01306 ug/l
BEC = 0.003162 ug/l

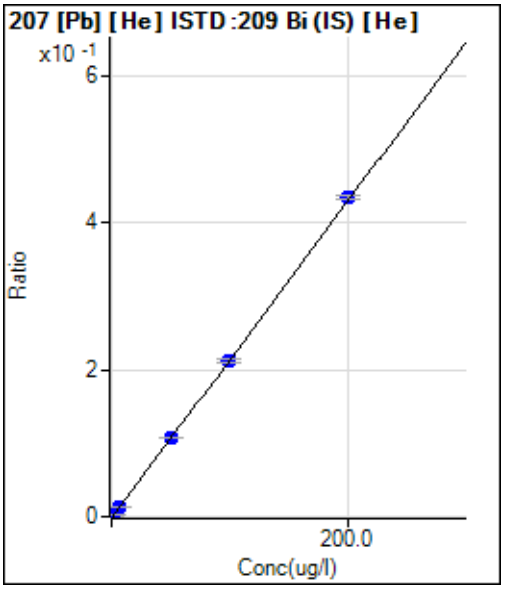
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 85.56 | 0.0003 | P | 6.7 | |
| 2 | ☐ | 1.200 | 1.141 | 954.49 | 0.0030 | P | 3.6 | -4.9 |
| 3 | ☐ | 6.000 | 5.703 | 4474.17 | 0.0141 | P | 0.7 | -4.9 |
| 4 | ☐ | 50.000 | 49.577 | 36458.66 | 0.1208 | P | 1.1 | -0.8 |
| 5 | ☐ | 100.000 | 97.432 | 72600.12 | 0.2372 | P | 0.9 | -2.6 |
| 6 | ☐ | 200.000 | 201.399 | 147005.65 | 0.4900 | P | 1.0 | 0.7 |

y = 0.0024 * x + 2.6909E-004
R = 0.9999
DL = 0.02211 ug/l
BEC = 0.1107 ug/l

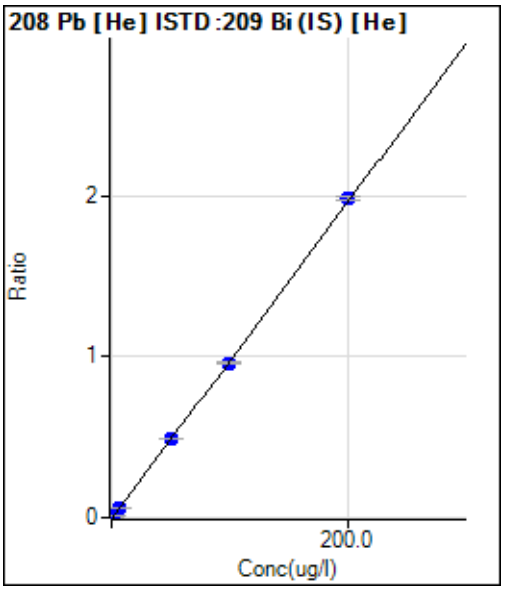
Weight: <None>
Min Conc: <None>




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 84.45 | 0.0003 | P | 19.0 | |
| 2 | ☐ | 1.200 | 1.178 | 880.04 | 0.0028 | P | 3.0 | -1.8 |
| 3 | ☐ | 6.000 | 5.701 | 3977.32 | 0.0126 | P | 3.6 | -5.0 |
| 4 | ☐ | 50.000 | 49.210 | 32122.47 | 0.1065 | P | 0.5 | -1.6 |
| 5 | ☐ | 100.000 | 97.683 | 64599.81 | 0.2111 | P | 2.4 | -2.3 |
| 6 | ☐ | 200.000 | 201.365 | 130439.53 | 0.4348 | P | 1.4 | 0.7 |

y = 0.0022 * x + 2.6519E-004
R = 0.9999
DL = 0.07 ug/l
BEC = 0.1229 ug/l

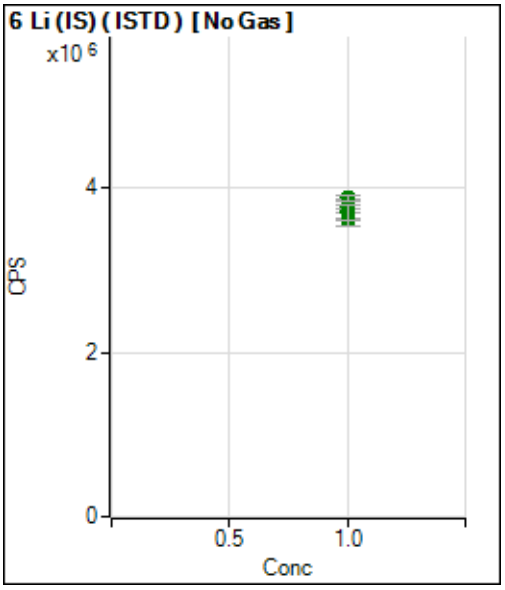
Weight: <None>
Min Conc: <None>



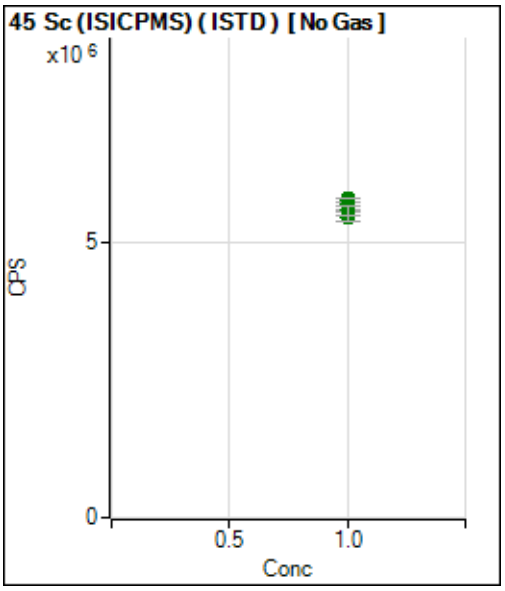

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 0.000 | 0.000 | 353.34 | 0.0011 | P | 12.8 | |
| 2 | ☐ | 1.200 | 1.181 | 4000.28 | 0.0128 | P | 1.3 | -1.6 |
| 3 | ☐ | 6.000 | 5.754 | 18305.44 | 0.0578 | P | 0.5 | -4.1 |
| 4 | ☐ | 50.000 | 49.625 | 147968.39 | 0.4904 | P | 0.0 | -0.8 |
| 5 | ☐ | 100.000 | 97.375 | 294200.56 | 0.9613 | P | 0.9 | -2.6 |
| 6 | ☐ | 200.000 | 201.414 | 596086.73 | 1.9871 | P | 1.2 | 0.7 |

y = 0.0099 * x + 0.0011
R = 0.9999
DL = 0.04323 ug/l
BEC = 0.1127 ug/l

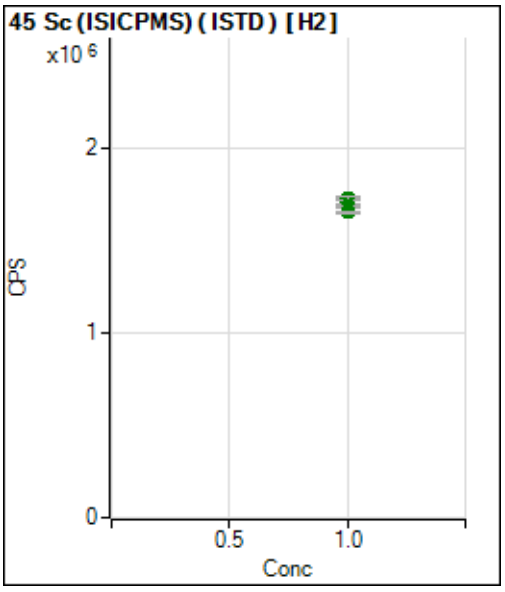
Weight: <None>
Min Conc: <None>



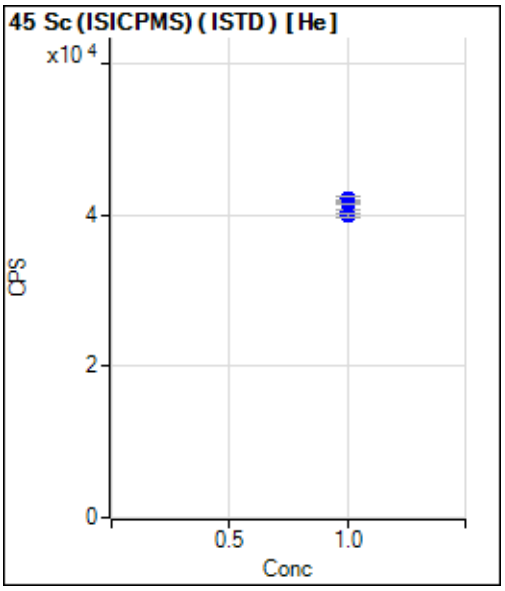

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 3724051.65 | | A | 4.3 | |
| 2 | ☐ | 1.000 | | 3770827.58 | | A | 1.2 | |
| 3 | ☐ | 1.000 | | 3893254.66 | | A | 1.2 | |
| 4 | ☐ | 1.000 | | 3883610.43 | | A | 1.6 | |
| 5 | ☐ | 1.000 | | 3616013.07 | | A | 4.7 | |
| 6 | ☐ | 1.000 | | 3706807.10 | | A | 4.8 | |



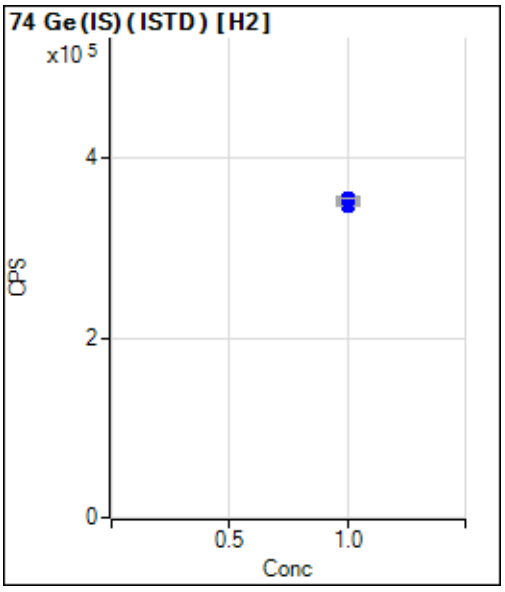

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 5696230.54 | | A | 3.5 | |
| 2 | ☐ | 1.000 | | 5771443.38 | | A | 1.8 | |
| 3 | ☐ | 1.000 | | 5764842.62 | | A | 1.0 | |
| 4 | ☐ | 1.000 | | 5805792.69 | | A | 0.4 | |
| 5 | ☐ | 1.000 | | 5459921.31 | | A | 3.2 | |
| 6 | ☐ | 1.000 | | 5593298.32 | | A | 3.2 | |



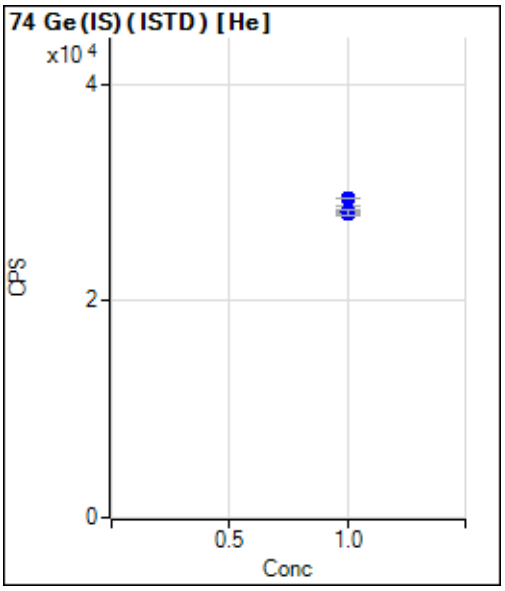

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 1712369.35 | | A | 1.7 | |
| 2 | ☐ | 1.000 | | 1699853.83 | | A | 1.9 | |
| 3 | ☐ | 1.000 | | 1728125.13 | | A | 1.3 | |
| 4 | ☐ | 1.000 | | 1688645.91 | | A | 1.6 | |
| 5 | ☐ | 1.000 | | 1685125.50 | | A | 0.2 | |
| 6 | ☐ | 1.000 | | 1653843.88 | | A | 0.5 | |



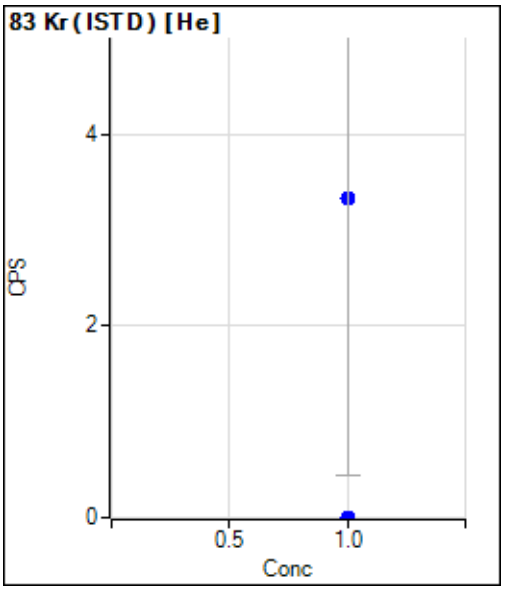

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 42202.34 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 41677.39 | | P | 1.0 | |
| 3 | ☐ | 1.000 | | 42187.73 | | P | 1.8 | |
| 4 | ☐ | 1.000 | | 40469.36 | | P | 1.5 | |
| 5 | ☐ | 1.000 | | 39903.24 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 41427.82 | | P | 0.2 | |



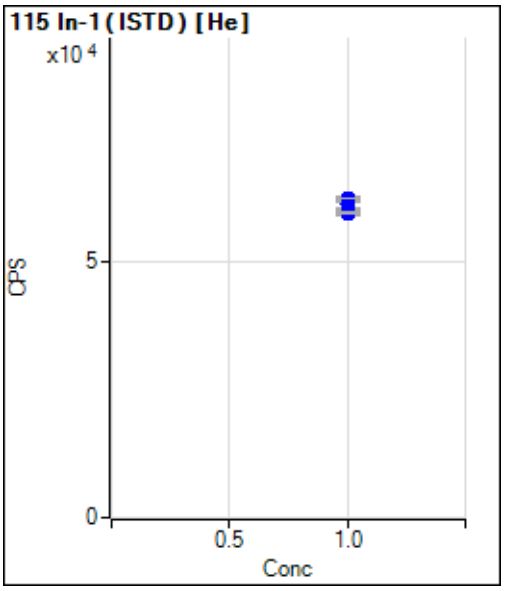

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 353043.54 | | P | 1.2 | |
| 2 | ☐ | 1.000 | | 348775.19 | | P | 0.6 | |
| 3 | ☐ | 1.000 | | 347226.57 | | P | 0.4 | |
| 4 | ☐ | 1.000 | | 352868.96 | | P | 0.7 | |
| 5 | ☐ | 1.000 | | 354933.30 | | P | 0.9 | |
| 6 | ☐ | 1.000 | | 355367.28 | | P | 0.5 | |



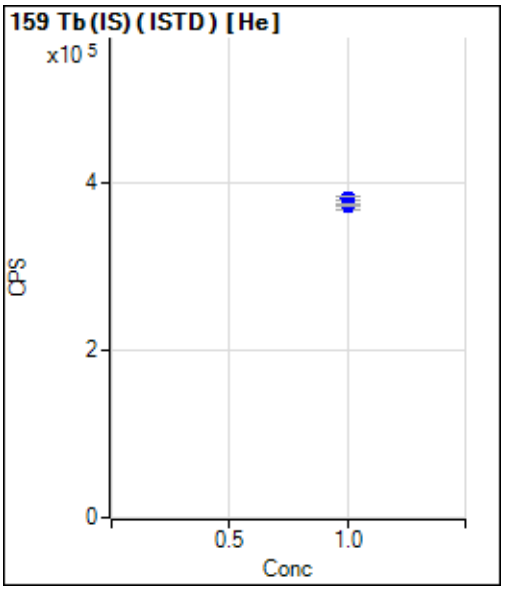

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 28515.59 | | P | 2.5 | |
| 2 | ☐ | 1.000 | | 28102.54 | | P | 1.1 | |
| 3 | ☐ | 1.000 | | 28156.01 | | P | 0.9 | |
| 4 | ☐ | 1.000 | | 28228.34 | | P | 1.3 | |
| 5 | ☐ | 1.000 | | 28231.67 | | P | 1.8 | |
| 6 | ☐ | 1.000 | | 29504.35 | | P | 0.1 | |



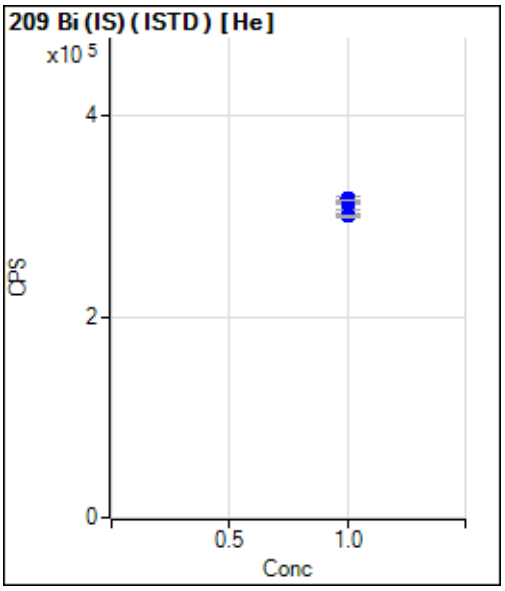

| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 0.00 | | P | | |
| 2 | ☐ | 1.000 | | 0.00 | | P | | |
| 3 | ☐ | 1.000 | | 3.34 | | P | 173. | |
| 4 | ☐ | 1.000 | | 0.00 | | P | | |
| 5 | ☐ | 1.000 | | 0.00 | | P | | |
| 6 | ☐ | 1.000 | | 3.34 | | P | 173. | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 62346.74 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 61051.77 | | P | 1.4 | |
| 3 | ☐ | 1.000 | | 62272.18 | | P | 0.3 | |
| 4 | ☐ | 1.000 | | 59384.34 | | P | 0.9 | |
| 5 | ☐ | 1.000 | | 59763.15 | | P | 1.4 | |
| 6 | ☐ | 1.000 | | 59563.37 | | P | 0.7 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 381487.89 | | P | 0.9 | |
| 2 | ☐ | 1.000 | | 374858.99 | | P | 0.3 | |
| 3 | ☐ | 1.000 | | 381594.22 | | P | 1.3 | |
| 4 | ☐ | 1.000 | | 371599.49 | | P | 1.8 | |
| 5 | ☐ | 1.000 | | 373935.35 | | P | 0.8 | |
| 6 | ☐ | 1.000 | | 374170.94 | | P | 0.8 | |




| | Rjct | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD | %RE |
|---|---|---|---|---|---|---|---|---|
| 1 | ☐ | 1.000 | | 318050.55 | | P | 1.0 | |
| 2 | ☐ | 1.000 | | 313560.51 | | P | 1.0 | |
| 3 | ☐ | 1.000 | | 316447.37 | | P | 0.2 | |
| 4 | ☐ | 1.000 | | 301714.61 | | P | 0.4 | |
| 5 | ☐ | 1.000 | | 306061.03 | | P | 0.3 | |
| 6 | ☐ | 1.000 | | 300001.41 | | P | 1.0 | |

# 02102025-w

Method: 245_7470A Operator: Admin Date of Analysis: 10 Feb 2025 13:06:30

| Sample ID | µ Abs. | Conc. | Chapter | Method | Date | Element | Units |
|---|---|---|---|---|---|---|---|
| Cal Blank - 1 | 108 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:32:05 | Hg | ug/L |
| 0.2 ug/L - 1 | 1302 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:33:48 | Hg | ug/L |
| 1.0 ug/L - 1 | 6748 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:35:32 | Hg | ug/L |
| 2.0 ug/L - 1 | 13166 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:37:16 | Hg | ug/L |
| 5.0 ug/L - 1 | 33617 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:39:00 | Hg | ug/L |
| 10.0 ug/L - 1 | 68271 | - | 1020487hg1 | 245_7470A | 10 Feb 2025 13:40:45 | Hg | ug/L |
| ICV - 1 | 33572 | 98.9% 4.9446 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:42:31 | Hg | ug/L |
| ICB - 1 | -268 | -0.0165 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:44:22 | Hg | ug/L |
| CRI - 1 | 1321 | 108.2% 0.2164 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:46:08 | Hg | ug/L |
| QCS - 1 | 33866 | 99.8% 4.9877 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:47:52 | Hg | ug/L |
| MCL - 1 | 13052 | 96.8% 1.9362 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:49:35 | Hg | ug/L |
| CCV - 1 | 34790 | 102.5% 5.1231 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:51:20 | Hg | ug/L |
| CCB - 1 | -225 | -0.0102 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:53:05 | Hg | ug/L |
| MB 460-1020487/1-A - 1 | -70 | 0.0125 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:54:53 | Hg | ug/L |
| LCS 460-1020487/2-A - 1 | 7049 | 1.0562 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:56:35 | Hg | ug/L |
| 460-319529-G-1-B - 1 | -46 | 0.0160 | 1020487hg1 | 245_7470A | 10 Feb 2025 13:58:17 | Hg | ug/L |
| 460-319529-G-1-C DU - 1 | -22 | 0.0195 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:00:00 | Hg | ug/L |
| 460-319529-G-1-D MS - 1 | 6693 | 1.0040 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:01:42 | Hg | ug/L |
| sd 460-319529-G-1-B@5 - 1 | -104 | 0.0075 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:03:23 | Hg | ug/L |
| 460-319485-B-1-B - 1 | 21 | 0.0258 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:05:07 | Hg | ug/L |
| 460-319485-B-3-B - 1 | 249 | 0.0593 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:06:50 | Hg | ug/L |
| 460-319529-G-2-B - 1 | -4 | 0.0222 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:08:32 | Hg | ug/L |
| blank - 1 | -64 | 0.0134 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:10:15 | Hg | ug/L |
| CCV - 1 | 34217 | 100.8% 5.0391 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:11:58 | Hg | ug/L |
| CCB - 1 | -273 | -0.0173 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:13:39 | Hg | ug/L |
| 460-319985-C-2-B - 1 | -24 | 0.0192 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:15:26 | Hg | ug/L |
| 460-320036-D-1-B - 1 | 14 | 0.0248 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:17:10 | Hg | ug/L |
| 460-319453-H-5-B - 1 | -1 | 0.0226 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:18:53 | Hg | ug/L |
| 460-319455-H-1-B - 1 | -13 | 0.0209 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:20:35 | Hg | ug/L |
| 460-319455-H-2-B - 1 | 18 | 0.0254 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:22:17 | Hg | ug/L |
| 460-319455-H-3-B - 1 | 22 | 0.0260 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:23:59 | Hg | ug/L |
| 460-319533-H-2-B - 1 | -65 | 0.0132 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:25:41 | Hg | ug/L |
| 460-319533-H-3-B - 1 | -59 | 0.0141 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:27:22 | Hg | ug/L |
| 460-319533-H-4-B - 1 | -48 | 0.0157 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:29:04 | Hg | ug/L |
| 460-319533-H-5-B - 1 | 2 | 0.0231 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:30:47 | Hg | ug/L |
| CCV - 1 | 34408 | 101.3% 5.0671 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:32:29 | Hg | ug/L |
| CCB - 1 | -237 | -0.0120 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:34:11 | Hg | ug/L |
| 460-319533-H-7-B - 1 | -9 | 0.0214 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:35:58 | Hg | ug/L |
| 460-319533-H-8-B - 1 | -2 | 0.0225 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:37:42 | Hg | ug/L |
| 460-319536-B-1-A - 1 | -29 | 0.0185 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:39:25 | Hg | ug/L |
| 460-319710-H-1-B - 1 | 98 | 0.0371 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:41:08 | Hg | ug/L |
| 460-319710-H-2-B - 1 | 206 | 0.0530 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:42:52 | Hg | ug/L |
| CCV - 1 | 34096 | 100.4% 5.0214 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:44:34 | Hg | ug/L |
| CCB - 1 | -211 | -0.0082 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:46:16 | Hg | ug/L |
| MB 460-1020500/1-A - 1 | 86 | 0.0354 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:53:09 | Hg | ug/L |
| LCS 460-1020500/2-A - 1 | 6691 | 1.0037 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:54:50 | Hg | ug/L |
| 460-319704-A-6-E - 1 | 110 | 0.0389 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:56:32 | Hg | ug/L |
| 460-319704-A-6-F DU - 1 | 45 | 0.0294 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:58:17 | Hg | ug/L |
| 460-319704-A-6-G MS - 1 | 7082 | 1.0610 | 1020487hg1 | 245_7470A | 10 Feb 2025 14:59:59 | Hg | ug/L |
| CCV - 1 | 33697 | 99.3% 4.9629 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:01:41 | Hg | ug/L |
| CCB - 1 | -275 | -0.0176 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:03:25 | Hg | ug/L |
| 460-319704-A-6-H MSD - 1 | 6779 | 1.0166 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:05:12 | Hg | ug/L |
| sd 460-319704-A-6-E@5 - 1 | -78 | 0.0113 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:06:55 | Hg | ug/L |
| 460-319704-A-2-B - 1 | 97 | 0.0370 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:08:39 | Hg | ug/L |
| 460-319704-A-4-B - 1 | 56 | 0.0310 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:10:22 | Hg | ug/L |
| 460-319930-D-1-B - 1 | 43 | 0.0291 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:12:05 | Hg | ug/L |
| 460-319930-D-2-B - 1 | 38 | 0.0283 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:13:48 | Hg | ug/L |
| 460-319930-D-3-B - 1 | 29 | 0.0270 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:15:32 | Hg | ug/L |
| 460-319930-D-4-B - 1 | 16 | 0.0251 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:17:14 | Hg | ug/L |
| 460-319930-D-5-C - 1 | -1 | 0.0226 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:18:56 | Hg | ug/L |
| 460-319695-E-1-B - 1 | 3 | 0.0232 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:20:39 | Hg | ug/L |
| CCV - 1 | 33537 | 98.8% 4.9394 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:22:21 | Hg | ug/L |
| CCB - 1 | -259 | -0.0152 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:24:03 | Hg | ug/L |
| 460-319695-E-2-B - 1 | 2 | 0.0231 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:25:51 | Hg | ug/L |
| 460-319695-E-3-B - 1 | 31 | 0.0273 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:27:33 | Hg | ug/L |
| 460-319695-E-5-B - 1 | 9 | 0.0241 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:29:15 | Hg | ug/L |
| 460-319695-E-6-B - 1 | -4 | 0.0222 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:30:58 | Hg | ug/L |
| 460-319695-E-7-B - 1 | 47 | 0.0296 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:32:40 | Hg | ug/L |
| 460-320019-E-1-D - 1 | 19 | 0.0255 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:34:23 | Hg | ug/L |
| 460-319533-G-2-B - 1 | 24 | 0.0263 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:36:06 | Hg | ug/L |
| 460-319533-G-4-B - 1 | 33 | 0.0276 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:37:49 | Hg | ug/L |
| 460-319533-G-7-B - 1 | 27 | 0.0267 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:39:33 | Hg | ug/L |
| 460-319583-J-2-B - 1 | 17 | 0.0252 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:41:15 | Hg | ug/L |
| CCV - 1 | 33096 | 97.5% 4.8748 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:42:58 | Hg | ug/L |
| CCB - 1 | -279 | -0.0181 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:44:39 | Hg | ug/L |
| 460-319583-J-3-B - 1 | -4 | 0.0222 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:46:26 | Hg | ug/L |
| MB 460-1020501/1-A - 1 | -29 | 0.0185 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:48:09 | Hg | ug/L |
| LCS 460-1020501/2-A - 1 | 7103 | 1.0641 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:49:51 | Hg | ug/L |
| 460-319695-D-4-A - 1 | -83 | 0.0106 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:51:34 | Hg | ug/L |
| 460-319695-D-4-B DU - 1 | 2 | 0.0231 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:53:19 | Hg | ug/L |
| 460-319695-D-4-C MS - 1 | 7095 | 1.0629 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:55:02 | Hg | ug/L |
| 460-319695-D-4-D MSD - 1 | 6894 | 1.0334 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:56:45 | Hg | ug/L |
| sd 460-319695-D-4-A@5 - 1 | -105 | 0.0074 | 1020487hg1 | 245_7470A | 10 Feb 2025 15:58:30 | Hg | ug/L |
| 460-319710-H-3-B - 1 | -39 | 0.0170 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:00:15 | Hg | ug/L |

# 02102025-w

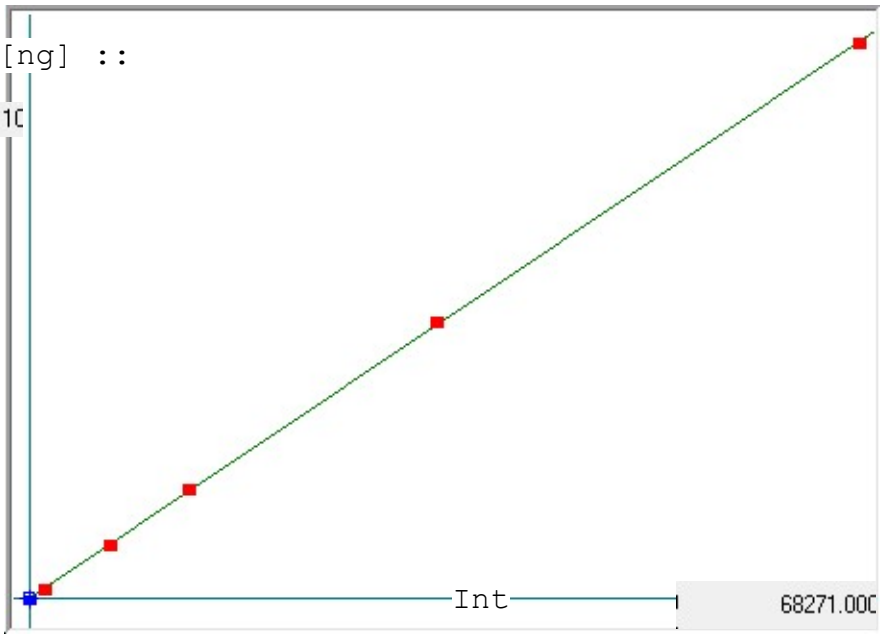
Method: 245_7470A Operator: Admin Date of Analysis: 10 Feb 2025 13:06:30

| Sample ID | µ Abs. | Conc. | Chapter | Method | Date | Element | Units |
|---|---|---|---|---|---|---|---|
| 460-319583-I-2-A - 1 | -37 | 0.0173 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:01:58 | Hg | ug/L |
| CCV - 1 | 33669 | 99.2% 4.9588 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:03:43 | Hg | ug/L |
| CCB - 1 | -274 | -0.0174 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:05:25 | Hg | ug/L |
| 460-319583-I-3-A - 1 | -13 | 0.0209 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:07:12 | Hg | ug/L |
| 460-319584-I-1-A - 1 | -29 | 0.0185 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:08:55 | Hg | ug/L |
| 460-319585-I-1-A - 1 | 201 | 0.0522 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:10:38 | Hg | ug/L |
| 460-319585-I-2-A - 1 | 33 | 0.0276 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:12:20 | Hg | ug/L |
| 460-319585-I-3-A - 1 | 119 | 0.0402 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:14:03 | Hg | ug/L |
| 460-319585-J-4-B - 1 | 5 | 0.0235 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:15:45 | Hg | ug/L |
| 460-319952-C-6-A - 1 | 11 | 0.0244 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:17:29 | Hg | ug/L |
| 460-319994-G-1-A - 1 | -55 | 0.0147 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:19:11 | Hg | ug/L |
| 460-319695-D-1-A - 1 | 87 | 0.0355 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:20:54 | Hg | ug/L |
| 460-319695-D-2-A - 1 | 10 | 0.0242 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:22:37 | Hg | ug/L |
| CCV - 1 | 33554 | 98.8% 4.9419 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:24:21 | Hg | ug/L |
| CCB - 1 | -253 | -0.0143 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:26:02 | Hg | ug/L |
| 460-319695-D-3-A - 1 | 87 | 0.0355 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:27:50 | Hg | ug/L |
| 460-319695-D-5-A - 1 | 4 | 0.0233 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:29:34 | Hg | ug/L |
| 460-319695-D-6-A - 1 | 121 | 0.0405 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:31:19 | Hg | ug/L |
| 460-319695-D-7-A - 1 | 397 | 0.0810 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:33:01 | Hg | ug/L |
| 460-319943-C-2-B - 1 | -24 | 0.0192 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:34:45 | Hg | ug/L |
| 460-319954-C-7-B - 1 | -3 | 0.0223 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:36:27 | Hg | ug/L |
| 460-320019-D-1-B - 1 | 2 | 0.0231 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:38:11 | Hg | ug/L |
| 460-319985-D-1-B@10 - 1 | -1 | 0.0226 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:39:54 | Hg | ug/L |
| CCV - 1 | 32970 | 97.1% 4.8563 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:41:37 | Hg | ug/L |
| CCB - 1 | -265 | -0.0161 | 1020487hg1 | 245_7470A | 10 Feb 2025 16:43:19 | Hg | ug/L |

245_7470A

Linear

Max. Hg [ng] ::




A= 0.0000e+000

B= 1.4660e-004

C= 2.2757e-002

Rho= 0.9999504

Accept= Accepted

Accepted Date=

02/10/25 13:42

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Cal Blank | 0.000 | 0.039 | 0.039 | 108 | 0.000 | 108 | | | | |
| 0.2 ug/L | 0.200 | 0.214 | 0.014 | 1302 | 0.0 % | 1302 | | | | |
| 1.0 ug/L | 1.000 | 1.012 | 0.012 | 6748 | 0.0 % | 6748 | | | | |
| 2.0 ug/L | 2.000 | 1.953 | -0.047 | 13166 | 0.0 % | 13166 | | | | |
| 5.0 ug/L | 5.000 | 4.951 | -0.049 | 33617 | 0.0 % | 33617 | | | | |
| 10.0 ug/L | 10.000 | 10.032 | 0.032 | 68271 | 0.0 % | 68271 | | | | |

# 021025TSS

Method: 7471B Operator: Admin Date of Analysis: 10 Feb 2025 02:16:30

| Sample ID | µ Abs. | Conc. | Chapter | Method | Date | Element | Units |
|---|---|---|---|---|---|---|---|
| Cal Blank - 1 | 73 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:01:28 | Hg | ug/L |
| 0.2 ug/L - 1 | 1916 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:03:14 | Hg | ug/L |
| 1.0 ug/L - 1 | 7710 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:05:00 | Hg | ug/L |
| 2.0 ug/L - 1 | 14718 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:06:46 | Hg | ug/L |
| 5.0 ug/L - 1 | 36515 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:08:33 | Hg | ug/L |
| 10.0 ug/L - 1 | 72737 | - | 1020392HG1 | 7471B | 10 Feb 2025 04:10:24 | Hg | ug/L |
| ICV - 1 | 36342 | 99.5% 4.9750 | 1020392HG1 | 7471B | 10 Feb 2025 04:12:22 | Hg | ug/L |
| ICB - 1 | -173 | -0.0663 | 1020392HG1 | 7471B | 10 Feb 2025 04:14:27 | Hg | ug/L |
| CCV - 1 | 36759 | 100.7% 5.0326 | 1020392HG1 | 7471B | 10 Feb 2025 04:16:25 | Hg | ug/L |
| CCB - 1 | -192 | -0.0689 | 1020392HG1 | 7471B | 10 Feb 2025 04:18:09 | Hg | ug/L |
| mb 460-1020392/10-a - 1 | 189 | -0.0163 | 1020392HG1 | 7471B | 10 Feb 2025 04:20:08 | Hg | ug/L |
| lcssrm 460-1020392/11-a@40 - 1 | 53331 | 7.3205 | 1020392HG1 | 7471B | 10 Feb 2025 04:21:52 | Hg | ug/L |
| 460-319357-h-2-j - 1 | 780 | 0.0653 | 1020392HG1 | 7471B | 10 Feb 2025 04:23:36 | Hg | ug/L |
| 460-319357-h-2-k du - 1 | 963 | 0.0905 | 1020392HG1 | 7471B | 10 Feb 2025 04:25:36 | Hg | ug/L |
| 460-319357-h-2-l ms - 1 | 8641 | 1.1506 | 1020392HG1 | 7471B | 10 Feb 2025 04:27:20 | Hg | ug/L |
| SD 460-319357-h-2-j@5 - 1 | 367 | 0.0082 | 1020392HG1 | 7471B | 10 Feb 2025 04:29:04 | Hg | ug/L |
| 460-319357-g-3-f - 1 | 991 | 0.0944 | 1020392HG1 | 7471B | 10 Feb 2025 04:30:51 | Hg | ug/L |
| 460-319357-g-6-b - 1 | 932 | 0.0862 | 1020392HG1 | 7471B | 10 Feb 2025 04:32:36 | Hg | ug/L |
| 460-319357-g-7-a - 1 | 1457 | 0.1587 | 1020392HG1 | 7471B | 10 Feb 2025 04:34:20 | Hg | ug/L |
| 460-319357-h-10-f - 1 | 7542 | 0.9988 | 1020392HG1 | 7471B | 10 Feb 2025 04:36:05 | Hg | ug/L |
| CCV - 1 | 36424 | 99.7% 4.9863 | 1020392HG1 | 7471B | 10 Feb 2025 04:37:52 | Hg | ug/L |
| CCB - 1 | -164 | -0.0651 | 1020392HG1 | 7471B | 10 Feb 2025 04:39:38 | Hg | ug/L |
| 460-319357-h-11-f - 1 | 7593 | 1.0059 | 1020392HG1 | 7471B | 10 Feb 2025 04:41:37 | Hg | ug/L |
| 460-319640-e-2-b - 1 | 994 | 0.0948 | 1020392HG1 | 7471B | 10 Feb 2025 04:43:23 | Hg | ug/L |
| 460-319934-d-20-c - 1 | 1395 | 0.1502 | 1020392HG1 | 7471B | 10 Feb 2025 04:45:12 | Hg | ug/L |
| 460-319952-a-1-b - 1 | 16637 | 2.2545 | 1020392HG1 | 7471B | 10 Feb 2025 04:46:56 | Hg | ug/L |
| 460-319952-a-2-b - 1 | 20115 | 2.7347 | 1020392HG1 | 7471B | 10 Feb 2025 04:48:40 | Hg | ug/L |
| 460-319952-a-3-b - 1 | 2891 | 0.3567 | 1020392HG1 | 7471B | 10 Feb 2025 04:50:28 | Hg | ug/L |
| 460-319952-a-4-b - 1 | 5064 | 0.6567 | 1020392HG1 | 7471B | 10 Feb 2025 04:52:14 | Hg | ug/L |
| 460-319952-a-5-b - 1 | 16224 | 2.1975 | 1020392HG1 | 7471B | 10 Feb 2025 04:54:00 | Hg | ug/L |
| 460-319421-e-5-h - 1 | 1661 | 0.1869 | 1020392HG1 | 7471B | 10 Feb 2025 04:55:46 | Hg | ug/L |
| 460-319421-e-9-d - 1 | 402 | 0.0131 | 1020392HG1 | 7471B | 10 Feb 2025 04:57:34 | Hg | ug/L |
| CCV - 1 | 36134 | 98.9% 4.9463 | 1020392HG1 | 7471B | 10 Feb 2025 04:59:19 | Hg | ug/L |
| CCB - 1 | -183 | -0.0677 | 1020392HG1 | 7471B | 10 Feb 2025 05:01:03 | Hg | ug/L |
| 460-319481-e-4-d - 1 | 1875 | 0.2164 | 1020392HG1 | 7471B | 10 Feb 2025 05:03:02 | Hg | ug/L |
| 460-319481-e-6-d - 1 | 1824 | 0.2094 | 1020392HG1 | 7471B | 10 Feb 2025 05:04:47 | Hg | ug/L |
| 460-319481-e-8-d - 1 | 1591 | 0.1772 | 1020392HG1 | 7471B | 10 Feb 2025 05:06:33 | Hg | ug/L |
| 460-319481-e-10-d - 1 | 1336 | 0.1420 | 1020392HG1 | 7471B | 10 Feb 2025 05:08:20 | Hg | ug/L |
| 460-319517-e-1-g - 1 | 1570 | 0.1743 | 1020392HG1 | 7471B | 10 Feb 2025 05:10:06 | Hg | ug/L |
| mb 460-1020393/1-a - 1 | 164 | -0.0198 | 1020392HG1 | 7471B | 10 Feb 2025 05:11:51 | Hg | ug/L |
| lcssrm 460-1020393/2-a@40 - 1 | 54203 | 7.4409 | 1020392HG1 | 7471B | 10 Feb 2025 05:13:35 | Hg | ug/L |
| 460-319928-e-1-g - 1 | 19254 | 2.6158 | 1020392HG1 | 7471B | 10 Feb 2025 05:15:20 | Hg | ug/L |
| 460-319928-e-1-h du - 1 | 19580 | 2.6608 | 1020392HG1 | 7471B | 10 Feb 2025 05:17:20 | Hg | ug/L |
| 460-319928-e-1-i ms - 1 | 26968 | 3.6808 | 1020392HG1 | 7471B | 10 Feb 2025 05:19:09 | Hg | ug/L |
| CCV - 1 | 36139 | 98.9% 4.9470 | 1020392HG1 | 7471B | 10 Feb 2025 05:20:59 | Hg | ug/L |
| CCB - 1 | -213 | -0.0718 | 1020392HG1 | 7471B | 10 Feb 2025 05:22:51 | Hg | ug/L |
| 460-319928-e-1-j msd - 1 | 27030 | 3.6894 | 1020392HG1 | 7471B | 10 Feb 2025 05:24:49 | Hg | ug/L |
| SD 460-319928-e-1-g@5 - 1 | 4234 | 0.5421 | 1020392HG1 | 7471B | 10 Feb 2025 05:26:34 | Hg | ug/L |
| 460-319517-e-2-g - 1 | 4811 | 0.6218 | 1020392HG1 | 7471B | 10 Feb 2025 05:28:25 | Hg | ug/L |
| 460-319544-g-1-a - 1 | 2660 | 0.3248 | 1020392HG1 | 7471B | 10 Feb 2025 05:30:12 | Hg | ug/L |
| 460-319544-h-4-b - 1 | 792 | 0.0669 | 1020392HG1 | 7471B | 10 Feb 2025 05:31:59 | Hg | ug/L |
| 460-319544-g-7-b - 1 | 4001 | 0.5100 | 1020392HG1 | 7471B | 10 Feb 2025 05:33:46 | Hg | ug/L |
| 460-319550-a-7-d - 1 | 6570 | 0.8646 | 1020392HG1 | 7471B | 10 Feb 2025 05:35:32 | Hg | ug/L |
| 460-319550-a-8-d - 1 | 9475 | 1.2657 | 1020392HG1 | 7471B | 10 Feb 2025 05:37:19 | Hg | ug/L |
| 460-319550-a-9-d - 1 | 4957 | 0.6419 | 1020392HG1 | 7471B | 10 Feb 2025 05:39:05 | Hg | ug/L |
| 460-319848-a-1-c - 1 | 1350 | 0.1439 | 1020392HG1 | 7471B | 10 Feb 2025 05:40:52 | Hg | ug/L |
| CCV - 1 | 35754 | 97.9% 4.8938 | 1020392HG1 | 7471B | 10 Feb 2025 05:42:39 | Hg | ug/L |
| CCB - 1 | -151 | -0.0633 | 1020392HG1 | 7471B | 10 Feb 2025 05:44:23 | Hg | ug/L |
| 460-319848-a-2-c - 1 | 3685 | 0.4663 | 1020392HG1 | 7471B | 10 Feb 2025 05:46:24 | Hg | ug/L |
| 460-319848-a-3-c - 1 | 25181 | 3.4341 | 1020392HG1 | 7471B | 10 Feb 2025 05:48:08 | Hg | ug/L |
| 460-319848-a-4-c - 1 | 3058 | 0.3798 | 1020392HG1 | 7471B | 10 Feb 2025 05:49:54 | Hg | ug/L |
| 460-319848-a-5-c - 1 | 921 | 0.0847 | 1020392HG1 | 7471B | 10 Feb 2025 05:51:46 | Hg | ug/L |
| 460-319848-a-6-c - 1 | 2873 | 0.3542 | 1020392HG1 | 7471B | 10 Feb 2025 05:53:32 | Hg | ug/L |
| 460-319848-a-7-c - 1 | 779 | 0.0651 | 1020392HG1 | 7471B | 10 Feb 2025 05:55:18 | Hg | ug/L |
| 460-319848-a-8-c - 1 | 728 | 0.0581 | 1020392HG1 | 7471B | 10 Feb 2025 05:57:05 | Hg | ug/L |
| 460-319848-a-9-c - 1 | 418 | 0.0153 | 1020392HG1 | 7471B | 10 Feb 2025 05:58:50 | Hg | ug/L |
| 460-319928-e-2-c - 1 | 26153 | 3.5683 | 1020392HG1 | 7471B | 10 Feb 2025 06:00:37 | Hg | ug/L |
| 460-319928-e-3-c - 1 | 7138 | 0.9431 | 1020392HG1 | 7471B | 10 Feb 2025 06:02:21 | Hg | ug/L |
| CCV - 1 | 35728 | 97.8% 4.8902 | 1020392HG1 | 7471B | 10 Feb 2025 06:04:11 | Hg | ug/L |
| CCB - 1 | -162 | -0.0648 | 1020392HG1 | 7471B | 10 Feb 2025 06:05:58 | Hg | ug/L |
| 460-319928-g-4-c - 1 | 115509 | 15.9050 | 1020392HG1 | 7471B | 10 Feb 2025 06:07:57 | Hg | ug/L |
| mb 460-1020394/1-a - 1 | -60 | -0.0507 | 1020392HG1 | 7471B | 10 Feb 2025 06:09:41 | Hg | ug/L |
| lcssrm 460-1020394/2-a@40 - 1 | 54950 | 7.5441 | 1020392HG1 | 7471B | 10 Feb 2025 06:11:46 | Hg | ug/L |
| 460-319954-e-3-d - 1 | 9323 | 1.2447 | 1020392HG1 | 7471B | 10 Feb 2025 06:13:30 | Hg | ug/L |
| 460-319954-e-3-e du - 1 | 9172 | 1.2239 | 1020392HG1 | 7471B | 10 Feb 2025 06:15:32 | Hg | ug/L |
| 460-319954-e-3-f ms - 1 | 12343 | 1.6617 | 1020392HG1 | 7471B | 10 Feb 2025 06:17:19 | Hg | ug/L |
| SD 460-319954-e-3-d@5 - 1 | 2247 | 0.2678 | 1020392HG1 | 7471B | 10 Feb 2025 06:19:06 | Hg | ug/L |
| 460-319928-e-5-c - 1 | 1325 | 0.1405 | 1020392HG1 | 7471B | 10 Feb 2025 06:20:54 | Hg | ug/L |
| 460-319928-e-6-c - 1 | 27623 | 3.7713 | 1020392HG1 | 7471B | 10 Feb 2025 06:22:40 | Hg | ug/L |
| 460-319928-e-7-c - 1 | 42924 | 5.8837 | 1020392HG1 | 7471B | 10 Feb 2025 06:24:26 | Hg | ug/L |
| CCV - 1 | 35531 | 97.3% 4.8630 | 1020392HG1 | 7471B | 10 Feb 2025 06:26:18 | Hg | ug/L |
| CCB - 1 | -191 | -0.0688 | 1020392HG1 | 7471B | 10 Feb 2025 06:28:11 | Hg | ug/L |
| 460-319928-e-8-c - 1 | 34024 | 4.6550 | 1020392HG1 | 7471B | 10 Feb 2025 06:30:09 | Hg | ug/L |
| 460-319928-e-9-c - 1 | 3911 | 0.4975 | 1020392HG1 | 7471B | 10 Feb 2025 06:31:54 | Hg | ug/L |

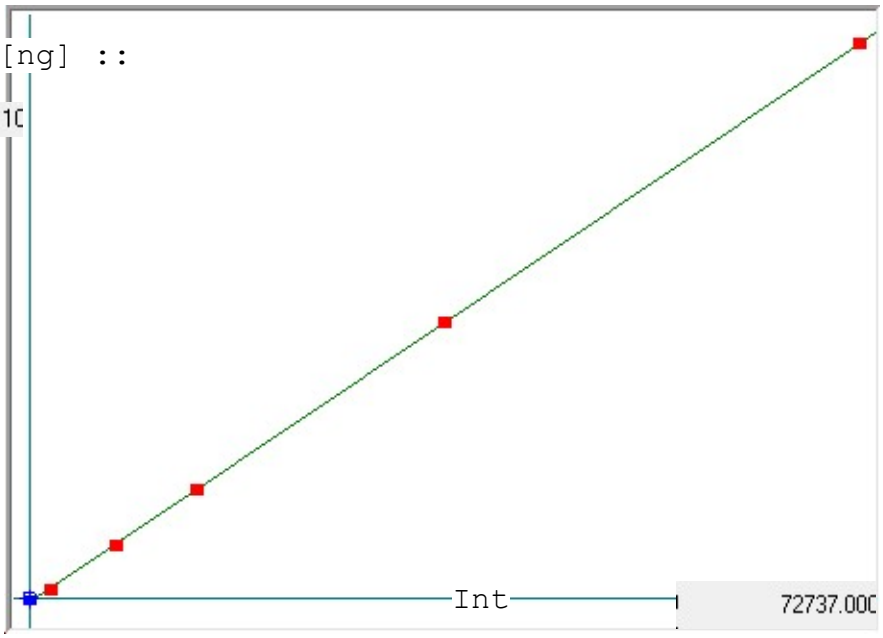
# 021025TSS

Method: 7471B Operator: Admin Date of Analysis: 10 Feb 2025 02:16:30

| Sample ID | µ Abs. | Conc. | Chapter | Method | Date | Element | Units |
|---|---|---|---|---|---|---|---|
| 460-319928-e-10-c - 1 | 28837 | 3.9389 | 1020392HG1 | 7471B | 10 Feb 2025 06:33:48 | Hg | ug/L |
| 460-319928-e-11-c - 1 | 55913 | 7.6770 | 1020392HG1 | 7471B | 10 Feb 2025 06:35:35 | Hg | ug/L |
| 460-319928-e-12-c - 1 | 284082 | 39.1785 | 1020392HG1 | 7471B | 10 Feb 2025 06:37:28 | Hg | ug/L |
| 460-319928-e-13-c - 1 | 50176 | 6.8850 | 1020392HG1 | 7471B | 10 Feb 2025 06:39:26 | Hg | ug/L |
| 460-319954-e-1-d - 1 | 30340 | 4.1464 | 1020392HG1 | 7471B | 10 Feb 2025 06:41:38 | Hg | ug/L |
| 460-319954-e-2-d - 1 | 32939 | 4.5052 | 1020392HG1 | 7471B | 10 Feb 2025 06:43:36 | Hg | ug/L |
| 460-319954-e-4-d - 1 | 40754 | 5.5841 | 1020392HG1 | 7471B | 10 Feb 2025 06:45:27 | Hg | ug/L |
| 460-319954-e-5-d - 1 | 13817 | 1.8652 | 1020392HG1 | 7471B | 10 Feb 2025 06:47:19 | Hg | ug/L |
| CCV - 1 | 35734 | 97.8% 4.8911 | 1020392HG1 | 7471B | 10 Feb 2025 06:49:14 | Hg | ug/L |
| CCB - 1 | -179 | -0.0671 | 1020392HG1 | 7471B | 10 Feb 2025 06:51:01 | Hg | ug/L |
| 460-319954-e-6-d - 1 | 39899 | 5.4661 | 1020392HG1 | 7471B | 10 Feb 2025 06:53:00 | Hg | ug/L |
| 460-319750-a-1-a - 1 | 2600 | 0.3165 | 1020392HG1 | 7471B | 10 Feb 2025 06:54:46 | Hg | ug/L |
| 460-319928-g-4-c@3 - 1 | 44346 | 6.0801 | 1020392HG1 | 7471B | 10 Feb 2025 06:56:39 | Hg | ug/L |
| mb 460-1020394/1-a - 1 | -35 | -0.0473 | 1020392HG1 | 7471B | 10 Feb 2025 06:58:26 | Hg | ug/L |
| 460-319928-e-12-c@10 - 1 | 35522 | 4.8618 | 1020392HG1 | 7471B | 10 Feb 2025 07:00:21 | Hg | ug/L |
| 460-319928-e-13-c - 1 | 50366 | 6.9112 | 1020392HG1 | 7471B | 10 Feb 2025 07:02:06 | Hg | ug/L |
| CCV - 1 | 35558 | 97.3% 4.8668 | 1020392HG1 | 7471B | 10 Feb 2025 07:03:58 | Hg | ug/L |
| CCB - 1 | -168 | -0.0656 | 1020392HG1 | 7471B | 10 Feb 2025 07:05:50 | Hg | ug/L |

7471B

Linear




A= 0.0000e+000

B= 1.3806e-004

C= -4.2435e-002

Rho= 0.9999858

Accept= Accepted

Accepted Date=

02/10/25 04:12

| Std ID | Conc. | Calc. | Dev. | Mean | SD or %RSD | Rep 1 | Rep 2 | Rep 3 | Rep 4 | Rep 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| Cal Blank | 0.000 | -0.032 | -0.032 | 73 | 0.000 | 73 | | | | |
| 0.2 ug/L | 0.200 | 0.222 | 0.022 | 1916 | 0.0 % | 1916 | | | | |
| 1.0 ug/L | 1.000 | 1.022 | 0.022 | 7710 | 0.0 % | 7710 | | | | |
| 2.0 ug/L | 2.000 | 1.990 | -0.010 | 14718 | 0.0 % | 14718 | | | | |
| 5.0 ug/L | 5.000 | 4.999 | -0.001 | 36515 | 0.0 % | 36515 | | | | |
| 10.0 ug/L | 10.000 | 10.000 | -0.000 | 72737 | 0.0 % | 72737 | | | | |

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020433  Batch Start Date: 02/10/25 08:30  Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B  Batch End Date: 02/10/25 13:30

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ME_ipmsSPK 00055 | ME_LCSS_124 00003 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020433/1 | | 3050B, 6020B | | | 1.00 g | 100 mL | | | | |
| LCSSRM 460-1020433/2 | | 3050B, 6020B | | | 1.00 g | 100 mL | | 1 g | | |
| 460-319481-E-10 DU | | 3050B, 6020B | | T | 1.00 g | 100 mL | | | | |
| 460-319481-E-10 MS | | 3050B, 6020B | | T | 1.00 g | 100 mL | 1 mL | | | |
| 460-319954-E-1 | RX-21-01_0-2 | 3050B, 6020B | Solid | T | 1.12 g | 100 mL | | | | |
| 460-319954-E-2 | RX-18-01_0-2 | 3050B, 6020B | Solid | T | 1.10 g | 100 mL | | | | |
| 460-319954-E-3 | RX-20-01_0-2 | 3050B, 6020B | Solid | T | 1.07 g | 100 mL | | | | |
| 460-319954-E-4 | RX-22-01_0-2 | 3050B, 6020B | Solid | T | 1.10 g | 100 mL | | | | |
| 460-319954-E-5 | RX-19-01_0-2 | 3050B, 6020B | Solid | T | 1.06 g | 100 mL | | | | |
| 460-319954-E-6 | DUP_02052025 | 3050B, 6020B | Solid | T | 1.12 g | 100 mL | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020433  Batch Start Date: 02/10/25 08:30  Batch Analyst: Tupayachi, Fiorella B

Batch Method: 3050B  Batch End Date: 02/10/25 13:30

| Batch Notes | |
|---|---|
| Balance ID | #35 |
| Digestion Tube/Cup ID | Lot # L223081404-F-3340-LC (ENV EXP 50mL) |
| Pipette/Syringe/Dispenser ID | #36 #89 |
| Analyst ID - Spike Analyst | FT |
| Hydrochloric Acid ID | Lot # 241928 (Fisher Chemical Brand) = 10 ml. |
| Nitric Acid ID | Lot # 241938 ( Fisher Chemical Brand) = 10 ml. |
| Hydrogen Peroxide ID | FISHER CHEMICALS LOT # 235089 |
| Digestion Unit ID | HOT BLOCK 2 |
| Thermometer ID | MP-20 |
| Thermometer Location ID | HOTBLOCK 2 |
| Filter ID | 09-790F |
| Temperature - Uncorrected - Start | 91 Degrees C |
| Temperature - Corrected - Start | 92 Degrees C |
| Temperature - Uncorrected - End | 91 Degrees C |
| Temperature - Corrected - End | 92 Degrees C |
| Digestion Start Time | 02/10/2025 09:30 |
| Digestion End Time | 02/10/2025 11:30 |
| MB Hotblock Location | Hood #7 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020447  Batch Start Date: 02/10/25 08:20  Batch Analyst: Wilson, Nidir N

Batch Method: 3005A  Batch End Date: 02/10/25 13:20

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ME_ipmsSPK 00055 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020447/1 | | 3005A, 6020B | | | 50 mL | 50 mL | | | | |
| LCS 460-1020447/2 | | 3005A, 6020B | | | 50 mL | 50 mL | 0.25 mL | | | |
| 460-319953-A-11 DU | | 3005A, 6020B | | R | 50 mL | 50 mL | | | | |
| 460-319953-A-11 MS | | 3005A, 6020B | | R | 50 mL | 50 mL | 0.25 mL | | | |
| 460-319954-C-7 | FB_02052025 | 3005A, 6020B | Water | R | 50 mL | 50 mL | | | | |

| Batch Notes | |
|---|---|
| Digestion Tube/Cup ID | Lot # 2304355-3292-MI (Env. Exp. 100 ml. Dg tube) |
| Pipette/Syringe/Dispenser ID | #11 |
| Analyst ID - Spike Analyst | NW |
| Sufficient Volume for Batch QC | YES |
| Hydrochloric Acid ID | Lot # 231497 (Fisher Brand) = 2.5 ml. |
| Nitric Acid ID | Lot # 233426 ( Fisher Brand) = 1.0 ml. |
| Digestion Unit ID | HB 3 |
| Thermometer ID | MP-7 (cf +2 deg C) |
| Thermometer Location ID | HB 3 |
| Temperature - Uncorrected - Start | 91 deg C Degrees C |
| Temperature - Corrected - Start | 93 deg C Degrees C |
| Digestion Start Time | 02/10/2025 08:20 |
| Digestion End Time | 02/10/2025 10:20 |
| Temperature - Uncorrected - End | 92 deg C Degrees C |
| Temperature - Corrected - End | 94 deg C Degrees C |
| Filter ID | 09-790F |
| MB Hotblock Location | Hood #4 |

| Basis | Basis Description |
|---|---|
| R | Total Recoverable |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020487  Batch Start Date: 02/10/25 09:30  Batch Analyst: Sheikh, Razia B

Batch Method: 245.1  Batch End Date: 02/10/25 13:30

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ME_DCAL-IN 04764 | ME_DQCS-INT 04493 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ICV 460-1020487/31 | | 245.1, 7470A | | | 30 mL | 30 mL | | 1.5 mL | | |
| CRI 460-1020487/32 | | 245.1, 7470A | | | 30 mL | 30 mL | 0.06 mL | | | |
| CCV 460-1020487/35 | | 245.1, 7470A | | | 30 mL | 30 mL | 1.5 mL | | | |

| Batch Notes | |
|---|---|
| Digestion Tube/Cup ID | L223081404-F-3040-LC |
| Pipette/Syringe/Dispenser ID | 95,80,81 |
| Nitric Acid ID | 241089(0.75 ml) |
| Sulfuric Acid Lot Number | 242206(1.5 ml) |
| Potassium Permanganate ID | ME_potPermSol_00302(4.5 ml) |
| Potassium Persulfate ID | ME_PotPersSol_00087(2.4 ml) |
| Digestion Unit ID | 11 |
| Thermometer ID | met-8(CF=0) |
| Temperature - Uncorrected - Start | 95 Degrees C |
| Temperature - Corrected - Start | 95 Degrees C |
| Digestion Start Time | 02/10/2025 11:00 |
| Digestion End Time | 02/10/2025 13:00 |
| Temperature - Uncorrected - End | 95 Degrees C |
| Temperature - Corrected - End | 95 Degrees C |
| Hydroxylamine ID | ME_NACLHYDHCL_00283(1.8 ml) |
| Batch Comment | 10% HCL 00231 |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020501  Batch Start Date: 02/10/25 09:30  Batch Analyst: Sheikh, Razia B

Batch Method: 7470A  Batch End Date: 02/10/25 13:30

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ME_DCAL-IN 04764 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020501/1 | | 7470A, 7470A | | | 30 mL | 30 mL | | | | |
| LCS 460-1020501/2 | | 7470A, 7470A | | | 30 mL | 30 mL | 0.3 mL | | | |
| 460-319695-D-4 DU | | 7470A, 7470A | | T | 30 mL | 30 mL | | | | |
| 460-319695-D-4 MS | | 7470A, 7470A | | T | 30 mL | 30 mL | 0.3 mL | | | |
| 460-319695-D-4 MSD | | 7470A, 7470A | | T | 30 mL | 30 mL | 0.3 mL | | | |
| 460-319954-C-7 | FB_02052025 | 7470A, 7470A | Water | T | 30 mL | 30 mL | | | | |

| Batch Notes | |
|---|---|
| Digestion Tube/Cup ID | L223081404-F-3040-LC |
| Pipette/Syringe/Dispenser ID | 95,80,81 |
| Nitric Acid ID | 241089(0.75 ml) |
| Sulfuric Acid Lot Number | 242206(1.5 ml) |
| Potassium Permanganate ID | ME_potPermSol_00302(4.5 ml) |
| Potassium Persulfate ID | ME_PotPersSol_00087(2.4 ml) |
| Digestion Unit ID | 11 |
| Thermometer ID | met-8(CF=0) |
| Temperature - Uncorrected - Start | 95 Degrees C |
| Temperature - Corrected - Start | 95 Degrees C |
| Digestion Start Time | 02/10/2025 12:45 |
| Digestion End Time | 02/10/2025 14:45 |
| Temperature - Uncorrected - End | 95 Degrees C |
| Temperature - Corrected - End | 95 Degrees C |
| Hydroxylamine ID | ME_NACLHYDHCL_00283(1.8 ml) |
| Batch Comment | 10% HCL 00231 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020394  Batch Start Date: 02/10/25 01:23  Batch Analyst: Staib, Thomas

Batch Method: 7471B  Batch End Date: 02/10/25 04:23

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ME_DCAL-IN 04764 | ME_LCSS_124 00003 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| MB 460-1020394/1 | | 7471B, 7471B | | | 0.60 g | 50 mL | | | | |
| LCSSRM 460-1020394/2 | | 7471B, 7471B | | | 0.60 g | 50 mL | | 0.6 g | | |
| 460-319954-E-3 | RX-20-01_0-2 | 7471B, 7471B | Solid | T | 0.62 g | 50 mL | | | | |
| 460-319954-E-3 DU | RX-20-01_0-2 | 7471B, 7471B | | T | 0.62 g | 50 mL | | | | |
| 460-319954-E-3 MS | RX-20-01_0-2 | 7471B, 7471B | | T | 0.62 g | 50 mL | 0.5 mL | | | |
| 460-319954-E-1 | RX-21-01_0-2 | 7471B, 7471B | Solid | T | 0.67 g | 50 mL | | | | |
| 460-319954-E-2 | RX-18-01_0-2 | 7471B, 7471B | Solid | T | 0.68 g | 50 mL | | | | |
| 460-319954-E-4 | RX-22-01_0-2 | 7471B, 7471B | Solid | T | 0.67 g | 50 mL | | | | |
| 460-319954-E-5 | RX-19-01_0-2 | 7471B, 7471B | Solid | T | 0.65 g | 50 mL | | | | |
| 460-319954-E-6 | DUP_02052025 | 7471B, 7471B | Solid | T | 0.61 g | 50 mL | | | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# METALS BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020394  Batch Start Date: 02/10/25 01:23  Batch Analyst: Staib, Thomas

Batch Method: 7471B  Batch End Date: 02/10/25 04:23

| Batch Notes | |
|---|---|
| Balance ID | #33 |
| Digestion Tube/Cup ID | L223081404-F-3340-LC (50ML Digi Tubes) |
| Pipette/Syringe/Dispenser ID | #100 AND #4 |
| Analyst ID - Spike Analyst | TS |
| Hydrochloric Acid ID | 231495 (4.5ML) |
| Nitric Acid ID | 233426 (1.5ML) |
| Potassium Permanganate ID | ME_PotPermSol_00309 (15ML) |
| Digestion Unit ID | #12 |
| Thermometer ID | Metals-8 |
| Temperature - Uncorrected - Start | 98 Uncorr Degrees C |
| Temperature - Corrected - Start | 98 Corr Degrees C |
| Digestion Start Time | 02/10/2024 03:40 |
| Digestion End Time | 02/10/2024 04:10 |
| Temperature - Uncorrected - End | 98 UNcorr Degrees C |
| Temperature - Corrected - End | 98 Corr Degrees C |
| Hydroxylamine ID | ME_NACLHYDLHCL_00290 (6ML) |
| Batch Comment | ME_10%HCL_00236 |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG No.:

Project: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Client Sample ID | Lab Sample ID |
|---|---|
| RX-21-01_0-2 | 460-319954-1 |
| RX-18-01_0-2 | 460-319954-2 |
| RX-20-01_0-2 | 460-319954-3 |
| RX-22-01_0-2 | 460-319954-4 |
| RX-19-01_0-2 | 460-319954-5 |
| DUP_02052025 | 460-319954-6 |

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-319954-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

| Analyte | Wavelength/ Mass | RL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job Number: 460-319954-1

SDG Number:

Matrix: Solid  Instrument ID: NOEQUIP

Method: Moisture  XRL Date: 01/01/2007 16:49

| Analyte | Wavelength/ Mass | XRL (%) | |
|---|---|---|---|
| Percent Moisture | | 1 | |
| Percent Solids | | 1 | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 02/10/2025 16:12  End Date: 02/10/2025 21:17

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
| 460-319941-A-1 DU | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
| 460-319954-1 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-2 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-3 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-4 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-5 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| 460-319954-6 | 1 | T | 16:12 | X | X | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-319954-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 02/10/2025 16:12 End Date: 02/10/2025 21:17

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 02/10/2025 16:12  End Date: 02/10/2025 21:17

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 16:12 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 16:24 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Instrument ID: NOEQUIP  Method: Moisture

Start Date: 02/10/2025 16:12  End Date: 02/10/2025 21:17

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | % Sol | Moist | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
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| ZZZZZZ (Client) | | | 18:51 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (QC) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ (Client) | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 21:17 | | | | | | | | | | | | | | | | | | | | |

Prep Types
T = Total/NA

# General Chemistry Raw Data Report

Job ID: 460-319954-1

## Batch: 1020513
## Method: Moisture

## Analyst Initials: CJC
## Instrument: No Equipment

### Lab Sample ID: 460-319941-A-1 DU

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 39.484126984127 | % |
| Percent Solids | None | 1 | 60.515873015873 | % |

### Lab Sample ID: 460-319954-A-1

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 0.6191950464396 | % |
| Percent Solids | None | 1 | 99.3808049535604 | % |

### Lab Sample ID: 460-319954-A-2

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 0.953678474114398 | % |
| Percent Solids | None | 1 | 99.0463215258856 | % |

### Lab Sample ID: 460-319954-A-3

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 0.862944162436506 | % |
| Percent Solids | None | 1 | 99.1370558375635 | % |

### Lab Sample ID: 460-319954-A-4

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.6524520255864 | % |
| Percent Solids | None | 1 | 98.3475479744136 | % |

### Lab Sample ID: 460-319954-A-5

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 2.1314387211368 | % |
| Percent Solids | None | 1 | 97.8685612788632 | % |

### Lab Sample ID: 460-319954-A-6

Analysis Date: Feb 10, 2025 16:12

| Analyte | Detector | Dilution | Raw Result | Unit |
|---|---|---|---|---|
| Percent Moisture | None | 1 | 1.34378499440091 | % |
| Percent Solids | None | 1 | 98.6562150055991 | % |

# GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison  Job No.: 460-319954-1

SDG No.:

Batch Number: 1020513  Batch Start Date: 02/10/25 16:12  Batch Analyst: Cho, Claudia J

Batch Method: Moisture  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | DISH# | DishWeight | SampleMassWet | SampleMassDry | %_Moisture | %_Solid |
|---|---|---|---|---|---|---|---|---|---|---|
| 460-319941-A-1 DU | | Moisture | | T | 11 | 26.55 g | 31.59 g | 29.60 g | 39.484126984127 % | 60.515873015873 % |
| 460-319954-A-1 | RX-21-01_0-2 | Moisture | Solid | T | | 5.39 g | 21.54 g | 21.44 g | 0.6191950464396 % | 99.380804953560 4 % |
| 460-319954-A-2 | RX-18-01_0-2 | Moisture | Solid | T | | 5.39 g | 20.07 g | 19.93 g | 0.953678474114398 % | 99.046321525885 6 % |
| 460-319954-A-3 | RX-20-01_0-2 | Moisture | Solid | T | | 5.39 g | 25.09 g | 24.92 g | 0.862944162436506 % | 99.137055837563 5 % |
| 460-319954-A-4 | RX-22-01_0-2 | Moisture | Solid | T | | 5.39 g | 24.15 g | 23.84 g | 1.652452025586 4 % | 98.347547974413 6 % |
| 460-319954-A-5 | RX-19-01_0-2 | Moisture | Solid | T | | 5.39 g | 22.28 g | 21.92 g | 2.131438721136 8 % | 97.868561278863 2 % |
| 460-319954-A-6 | DUP_02052025 | Moisture | Solid | T | | 5.39 g | 23.25 g | 23.01 g | 1.343784994400 91 % | 98.656215005599 1 % |

| Batch Notes | |
|---|---|
| Balance ID | 106 |
| Oven ID | dm3250 |
| Thermometer ID | 100 |
| Date samples were placed in the oven | 02/10/2025 |
| Temperature - Start - Uncorrected | 100 Degrees C |
| Oven Temp In | 100 Degrees C |
| Date samples were removed from oven | 02/10/2025 |
| Temperature - End - Uncorrected | 100 Degrees C |
| Oven Temp Out | 100 Degrees C |
| Batch Comment | microwave |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# Shipping and Receiving Documents

**Eurofins Edison**
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

NYC 222

# Chain of Custody Record

eurofins

| Client Information | Sampler: BJ | Lab PM: Flannery, Elizabeth J | Carrier Tracking No(s): | COC No: 460-190892-124957 1 |
|---|---|---|---|---|
| Client Contact: Brooke Hildebrand | Phone: 516 695 5534 | E-Mail: Elizabeth Flannery@et eurofinsus com | State of Origin: | Page: Page 1 of 1 |
| Company: Roux Environmental Eng & Geology DPC | PWSID: | | | Job #: 319954 |
| Address: 209 Shafter St | Due Date Requested: | | | |
| City: Islandia | TAT Requested (days): Standard | | | |
| State Zip: NY, 11749 | Compliance Project: Δ Yes Δ No | | | |
| Phone: | PO #: 3805 0002Y000 | | | |
| Email: bhildebrand@rouxinc com | WO #: | | | |
| Project Name: 2014 Fulton Avenue, Brooklyn | Project #: 46045718 | | | |
| Site: Senior Building | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
N - None
D - HNO3
A - HCL

460-319954 Chain of Custody

**SHORT HOLD**

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 8260D - TCL VOCs | 6020B, 8081B, 8082A, 8270E | 8081B, 8082A | 8270E - TCL BNAs | 6020B - TAL Metals | 8260D - TCL VOCs | Total Number | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | N | N | N | N | D | A | | |
| RX-21-01_02 | 2/5/25 | 0845 | C | Solid | N | N | | X | | | | | 5 | 1 |
| RX-15-0_02 | | 0145 | | Solid | N | N | X | X | | | | | 5 | 2 |
| RX-20 01_ | | 1110 | | Solid | N | N | X | X | | | | | 5 | 3 |
| RX-22-01_ | | 1145 | | Solid | N | N | X | X | | | | | 5 | 4 |
| RX-__-01_ | | 1230 | | Solid | N | N | X | X | | | | | 5 | 5 |
| DUP_02052025 | | 1200 | | Solid | N | N | X | X | | | | | 5 | 6 |
| | | | | Solid | | | | | | | | | | |
| | | | | Solid | | | | | | | | | | |
| FB 02052025 | 2/5/25 | 1205 | | Water | N | N | | | X | X | X | | 11 | 7 |
| | | | | Water | | | | | | | | | | |
| | | | | Water | | | | | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

| Empty Kit Relinquished by | Date | Time | Method of Shipment: |
|---|---|---|---|
| | | | |

| | Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|---|
| 1 | Ben Weintraub | 2/5/25 | Roux | | 2/5/25 1:12 | |
| 2 | | 2/5/25 1:12 | | | 2-5-25 15:30 | ET |
| 3 | | 2-5-25 15:30 | ET | | 2/5/25 1830 | |

Custody Seals Intact Δ Yes Δ No

Custody Seal No: NO/CS #R#9 2.3/2-5

Cooler Temperature(s) °C and Other Remarks

Ver 05/06 2024

# Eurofins TestAmerica Edison
## Receipt Temperature and pH Log

Job Number: 319954

Number of Coolers: 1 IR Gun # 9

### Cooler Temperatures

| | RAW | CORRECTED | | RAW | CORRECTED | | RAW | CORRECTED |
|---|---|---|---|---|---|---|---|---|
| Cooler #1: | 2.3 °C | 2.5 °C | Cooler #4: | °C | °C | Cooler #7: | °C | °C |
| Cooler #2: | °C | °C | Cooler #5: | °C | °C | Cooler #8: | °C | °C |
| Cooler #3: | °C | °C | Cooler #6: | °C | °C | Cooler #9: | °C | °C |

| TALS Sample Number | Ammonia (pH<2) | COD (pH<2) | Nitrate Nitrite (pH<2) | Metals* (pH<2) | Hardness (pH<2) | Pest (pH 5-9) | EPH or QAM (pH<2) | Phenols (pH<2) | Sulfide (pH>9) | TKN (pH<2) | TOC (pH<2) | Total Cyanide (pH>12) | Total Phos (pH<2) | Other | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | | | | <2 | | | | | | | | | | | |
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If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

*The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.*

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: ML Date: 2-5-25

# Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-319954-1

**Login Number: 319954**
**List Number: 1**
**Creator: Thundathorn, Sukanan 1**

**List Source: Eurofins Edison**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |

eurofins | Environment Testing

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Brooke Hildebrand
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia NY 11749

Generated 2/11/2025 4:03 PM

## JOB DESCRIPTION

2014 Fulton Avenue, Brooklyn (Senior Building)

## JOB NUMBER

200-76885-1

Eurofins Burlington
530 Community Drive
Suite 11
South Burlington VT 05403

See page two for job notes and contact information.



my EOL

# Eurofins Burlington

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

## Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

## Authorization

Generated
2/11/2025 4:03 PM

Authorized for release by
Elizabeth J Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
732 549-3900

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## Qualifiers

### Air - GC/MS VOA

| Qualifier | Qualifier Description |
|---|---|
| D | Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples. |
| J | Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value. |
| U | Indicates the analyte was analyzed for but not detected. |

## Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|---|---|
| ☼ | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CFU | Colony Forming Unit |
| CNF | Contains No Free Liquid |
| DER | Duplicate Error Ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL | Detection Limit (DoD/DOE) |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision Level Concentration (Radiochemistry) |
| EDL | Estimated Detection Limit (Dioxin) |
| LOD | Limit of Detection (DoD/DOE) |
| LOQ | Limit of Quantitation (DoD/DOE) |
| MCL | EPA recommended "Maximum Contaminant Level" |
| MDA | Minimum Detectable Activity (Radiochemistry) |
| MDC | Minimum Detectable Concentration (Radiochemistry) |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| MPN | Most Probable Number |
| MQL | Method Quantitation Limit |
| NC | Not Calculated |
| ND | Not Detected at the reporting limit (or MDL or EDL if shown) |
| NEG | Negative / Absent |
| POS | Positive / Present |
| PQL | Practical Quantitation Limit |
| PRES | Presumptive |
| QC | Quality Control |
| RER | Relative Error Ratio (Radiochemistry) |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |
| TNTC | Too Numerous To Count |

# CASE NARRATIVE

## Client: Roux Environmental Eng & Geology DPC

## Project: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Report Number: 200-76885-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

**RECEIPT**

The samples were received on 2/6/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

**Receipt Exceptions**

During the canister pressure check performed upon receipt, the following sample was found to be received at ambient pressure: 200-76885-3. The associated flow controller was evaluated and was found to be within the acceptable flow range as compared to the original set flow rate.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

**VOLATILE ORGANICS (AMBIENT AIR)**

Samples RX-21-01 (200-76885-1), DUP_02052025 (200-76885-2) and RX-18-01 (200-76885-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 02/10/2025.

Samples RX-21-01 (200-76885-1)[4X] and DUP_02052025 (200-76885-2)[2.99X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

# Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Client Sample ID: RX-21-01
## Lab Sample ID: 200-76885-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.5 | | 2.5 | 0.54 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 1.0 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 1.2 | | 0.44 | 0.086 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.6 | | 1.1 | 0.28 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.64 | J | 1.5 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| Acetone | 25 | | 12 | 3.8 | ug/m3 | 1 | | TO-15 | Total/NA |
| Isopropyl alcohol | 3.9 | J | 12 | 3.9 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 5.2 | | 1.6 | 0.40 | ug/m3 | 1 | | TO-15 | Total/NA |
| tert-Butyl alcohol | 14 | J | 15 | 3.6 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Hexane | 87 | | 1.8 | 0.39 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 5.1 | | 1.5 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chloroform | 5.7 | | 0.98 | 0.20 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,1,1-Trichloroethane | 1.2 | | 1.1 | 0.24 | ug/m3 | 1 | | TO-15 | Total/NA |
| Cyclohexane | 0.26 | J | 0.69 | 0.20 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.22 | | 0.22 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| 2,2,4-Trimethylpentane | 0.20 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 2.2 | | 0.64 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Heptane | 35 | | 0.82 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 3.0 | | 2.0 | 0.53 | ug/m3 | 1 | | TO-15 | Total/NA |
| Toluene | 14 | | 0.75 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.61 | J | 1.4 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 1.0 | J | 2.0 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 6.5 | | 0.87 | 0.30 | ug/m3 | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 30 | | 2.2 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| o-Xylene | 9.5 | | 0.87 | 0.27 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Ethyltoluene | 0.30 | J | 0.98 | 0.24 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,3,5-Trimethylbenzene | 0.36 | J | 0.98 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,2,4-Trimethylbenzene | 0.89 | J | 0.98 | 0.39 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Butane - DL | 220 | D | 4.8 | 1.9 | ug/m3 | 4 | | TO-15 | Total/NA |

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.50 | | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 0.28 | J | 0.50 | 0.12 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 0.53 | | 0.20 | 0.039 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.29 | | 0.20 | 0.050 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.084 | J | 0.20 | 0.053 | ppb v/v | 1 | | TO-15 | Total/NA |
| Acetone | 11 | | 5.0 | 1.6 | ppb v/v | 1 | | TO-15 | Total/NA |
| Isopropyl alcohol | 1.6 | J | 5.0 | 1.6 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 1.7 | | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |
| tert-Butyl alcohol | 4.5 | J | 5.0 | 1.2 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Hexane | 25 | | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.7 | | 0.50 | 0.49 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chloroform | 1.2 | | 0.20 | 0.041 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,1,1-Trichloroethane | 0.22 | | 0.20 | 0.044 | ppb v/v | 1 | | TO-15 | Total/NA |
| Cyclohexane | 0.074 | J | 0.20 | 0.058 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.034 | | 0.035 | 0.022 | ppb v/v | 1 | | TO-15 | Total/NA |
| 2,2,4-Trimethylpentane | 0.043 | J | 0.20 | 0.038 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 0.68 | | 0.20 | 0.044 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Heptane | 8.6 | | 0.20 | 0.055 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.74 | | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-21-01 (Continued)
## Lab Sample ID: 200-76885-1

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Toluene | 3.7 | | 0.20 | 0.062 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.089 | J | 0.20 | 0.021 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.25 | J | 0.50 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 1.5 | | 0.20 | 0.069 | ppb v/v | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 6.9 | | 0.50 | 0.095 | ppb v/v | 1 | | TO-15 | Total/NA |
| o-Xylene | 2.2 | | 0.20 | 0.063 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Ethyltoluene | 0.061 | J | 0.20 | 0.049 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,3,5-Trimethylbenzene | 0.074 | J | 0.20 | 0.047 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,2,4-Trimethylbenzene | 0.18 | J | 0.20 | 0.080 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Butane - DL | 92 | D | 2.0 | 0.80 | ppb v/v | 4 | | TO-15 | Total/NA |

## Client Sample ID: DUP_02052025
## Lab Sample ID: 200-76885-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.6 | | 2.5 | 0.54 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 1.0 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chloromethane | 0.66 | J | 1.0 | 0.31 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 1.0 | | 0.44 | 0.086 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.6 | | 1.1 | 0.28 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.60 | J | 1.5 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| Acetone | 26 | | 12 | 3.8 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 4.4 | | 1.6 | 0.40 | ug/m3 | 1 | | TO-15 | Total/NA |
| tert-Butyl alcohol | 11 | J | 15 | 3.6 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Hexane | 75 | | 1.8 | 0.39 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 5.2 | | 1.5 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chloroform | 4.8 | | 0.98 | 0.20 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,1,1-Trichloroethane | 1.0 | J | 1.1 | 0.24 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.22 | | 0.22 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 2.0 | | 0.64 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Heptane | 30 | | 0.82 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.5 | | 2.0 | 0.53 | ug/m3 | 1 | | TO-15 | Total/NA |
| Toluene | 12 | | 0.75 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.54 | J | 1.4 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.98 | J | 2.0 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 5.4 | | 0.87 | 0.30 | ug/m3 | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 25 | | 2.2 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| o-Xylene | 7.9 | | 0.87 | 0.27 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Ethyltoluene | 0.25 | J | 0.98 | 0.24 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,3,5-Trimethylbenzene | 0.28 | J | 0.98 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,2,4-Trimethylbenzene | 0.68 | J | 0.98 | 0.39 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Butane - DL | 190 | D | 3.6 | 1.4 | ug/m3 | 2.99 | | TO-15 | Total/NA |

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.53 | | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 0.28 | J | 0.50 | 0.12 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chloromethane | 0.32 | J | 0.50 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 0.46 | | 0.20 | 0.039 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.29 | | 0.20 | 0.050 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.078 | J | 0.20 | 0.053 | ppb v/v | 1 | | TO-15 | Total/NA |
| Acetone | 11 | | 5.0 | 1.6 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 1.4 | | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: DUP_02052025 (Continued)
## Lab Sample ID: 200-76885-2

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| tert-Butyl alcohol | 3.7 | J | 5.0 | 1.2 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Hexane | 21 | | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 1.8 | | 0.50 | 0.49 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chloroform | 0.99 | | 0.20 | 0.041 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,1,1-Trichloroethane | 0.19 | J | 0.20 | 0.044 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.036 | | 0.035 | 0.022 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 0.61 | | 0.20 | 0.044 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Heptane | 7.4 | | 0.20 | 0.055 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.62 | | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |
| Toluene | 3.2 | | 0.20 | 0.062 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.080 | J | 0.20 | 0.021 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.24 | J | 0.50 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 1.3 | | 0.20 | 0.069 | ppb v/v | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 5.8 | | 0.50 | 0.095 | ppb v/v | 1 | | TO-15 | Total/NA |
| o-Xylene | 1.8 | | 0.20 | 0.063 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Ethyltoluene | 0.051 | J | 0.20 | 0.049 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,3,5-Trimethylbenzene | 0.058 | J | 0.20 | 0.047 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,2,4-Trimethylbenzene | 0.14 | J | 0.20 | 0.080 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Butane - DL | 81 | D | 1.5 | 0.60 | ppb v/v | 2.99 | | TO-15 | Total/NA |

## Client Sample ID: RX-18-01
## Lab Sample ID: 200-76885-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.6 | | 2.5 | 0.54 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 1.1 | J | 1.8 | 0.42 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chloromethane | 0.66 | J | 1.0 | 0.31 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Butane | 24 | | 1.2 | 0.48 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 4.3 | | 0.44 | 0.086 | ug/m3 | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 1.7 | | 1.1 | 0.28 | ug/m3 | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.65 | J | 1.5 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| Acetone | 25 | | 12 | 3.8 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 2.2 | | 1.6 | 0.40 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methylene Chloride | 0.78 | J | 1.7 | 0.63 | ug/m3 | 1 | | TO-15 | Total/NA |
| tert-Butyl alcohol | 8.2 | J | 15 | 3.6 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl tert-butyl ether | 0.17 | J | 0.72 | 0.13 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Hexane | 1.5 | J | 1.8 | 0.39 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 8.3 | | 1.5 | 1.4 | ug/m3 | 1 | | TO-15 | Total/NA |
| Chloroform | 0.89 | J | 0.98 | 0.20 | ug/m3 | 1 | | TO-15 | Total/NA |
| Cyclohexane | 0.32 | J | 0.69 | 0.20 | ug/m3 | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.50 | | 0.22 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| 2,2,4-Trimethylpentane | 0.60 | J | 0.93 | 0.18 | ug/m3 | 1 | | TO-15 | Total/NA |
| Benzene | 4.0 | | 0.64 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| n-Heptane | 2.1 | | 0.82 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1.8 | J | 2.0 | 0.53 | ug/m3 | 1 | | TO-15 | Total/NA |
| Toluene | 23 | | 0.75 | 0.23 | ug/m3 | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.21 | J | 1.4 | 0.14 | ug/m3 | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 1.3 | J | 2.0 | 0.61 | ug/m3 | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 8.0 | | 0.87 | 0.30 | ug/m3 | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 32 | | 2.2 | 0.41 | ug/m3 | 1 | | TO-15 | Total/NA |
| o-Xylene | 7.6 | | 0.87 | 0.27 | ug/m3 | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-18-01 (Continued)
## Lab Sample ID: 200-76885-3

| Analyte | Result | Qualifier | RL | MDL | Unit | Dil Fac | D | Method | Prep Type |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.52 | | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chlorodifluoromethane | 0.30 | J | 0.50 | 0.12 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chloromethane | 0.32 | J | 0.50 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Butane | 10 | | 0.50 | 0.20 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,3-Butadiene | 1.9 | | 0.20 | 0.039 | ppb v/v | 1 | | TO-15 | Total/NA |
| Trichlorofluoromethane | 0.31 | | 0.20 | 0.050 | ppb v/v | 1 | | TO-15 | Total/NA |
| 1,1,2-Trichlorotrifluoroethane | 0.085 | J | 0.20 | 0.053 | ppb v/v | 1 | | TO-15 | Total/NA |
| Acetone | 11 | | 5.0 | 1.6 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon disulfide | 0.70 | | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methylene Chloride | 0.23 | J | 0.50 | 0.18 | ppb v/v | 1 | | TO-15 | Total/NA |
| tert-Butyl alcohol | 2.7 | J | 5.0 | 1.2 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl tert-butyl ether | 0.046 | J | 0.20 | 0.036 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Hexane | 0.44 | J | 0.50 | 0.11 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Ethyl Ketone (2-Butanone) | 2.8 | | 0.50 | 0.49 | ppb v/v | 1 | | TO-15 | Total/NA |
| Chloroform | 0.18 | J | 0.20 | 0.041 | ppb v/v | 1 | | TO-15 | Total/NA |
| Cyclohexane | 0.094 | J | 0.20 | 0.058 | ppb v/v | 1 | | TO-15 | Total/NA |
| Carbon tetrachloride | 0.080 | | 0.035 | 0.022 | ppb v/v | 1 | | TO-15 | Total/NA |
| 2,2,4-Trimethylpentane | 0.13 | J | 0.20 | 0.038 | ppb v/v | 1 | | TO-15 | Total/NA |
| Benzene | 1.3 | | 0.20 | 0.044 | ppb v/v | 1 | | TO-15 | Total/NA |
| n-Heptane | 0.51 | | 0.20 | 0.055 | ppb v/v | 1 | | TO-15 | Total/NA |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.44 | J | 0.50 | 0.13 | ppb v/v | 1 | | TO-15 | Total/NA |
| Toluene | 6.1 | | 0.20 | 0.062 | ppb v/v | 1 | | TO-15 | Total/NA |
| Tetrachloroethene | 0.031 | J | 0.20 | 0.021 | ppb v/v | 1 | | TO-15 | Total/NA |
| Methyl Butyl Ketone (2-Hexanone) | 0.32 | J | 0.50 | 0.15 | ppb v/v | 1 | | TO-15 | Total/NA |
| Ethylbenzene | 1.8 | | 0.20 | 0.069 | ppb v/v | 1 | | TO-15 | Total/NA |
| m,p-Xylene | 7.3 | | 0.50 | 0.095 | ppb v/v | 1 | | TO-15 | Total/NA |
| o-Xylene | 1.8 | | 0.20 | 0.063 | ppb v/v | 1 | | TO-15 | Total/NA |

This Detection Summary does not include radiochemical test results.

## Client Sample ID: RX-21-01
## Lab Sample ID: 200-76885-1

**Date Collected: 02/05/25 11:17**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.5** | | 2.5 | 0.54 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Chlorodifluoromethane** | **1.0** | **J** | 1.8 | 0.42 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.31 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **1,3-Butadiene** | **1.2** | | 0.44 | 0.086 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.47 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Bromoethene(Vinyl Bromide) | 0.87 | U | 0.87 | 0.22 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Trichlorofluoromethane** | **1.6** | | 1.1 | 0.28 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.64** | **J** | 1.5 | 0.41 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Acetone** | **25** | | 12 | 3.8 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Isopropyl alcohol** | **3.9** | **J** | 12 | 3.9 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Carbon disulfide** | **5.2** | | 1.6 | 0.40 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **tert-Butyl alcohol** | **14** | **J** | 15 | 3.6 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 02/10/25 16:10 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **n-Hexane** | **87** | | 1.8 | 0.39 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **5.1** | | 1.5 | 1.4 | ug/m3 | | | 02/10/25 16:10 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Chloroform** | **5.7** | | 0.98 | 0.20 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **1,1,1-Trichloroethane** | **1.2** | | 1.1 | 0.24 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Cyclohexane** | **0.26** | **J** | 0.69 | 0.20 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Carbon tetrachloride** | **0.22** | | 0.22 | 0.14 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **2,2,4-Trimethylpentane** | **0.20** | **J** | 0.93 | 0.18 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Benzene** | **2.2** | | 0.64 | 0.14 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **n-Heptane** | **35** | | 0.82 | 0.23 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Methyl methacrylate | 2.0 | U | 2.0 | 0.57 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.30 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 02/10/25 16:10 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **3.0** | | 2.0 | 0.53 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Toluene** | **14** | | 0.75 | 0.23 | ug/m3 | | | 02/10/25 16:10 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Tetrachloroethene** | **0.61** | **J** | 1.4 | 0.14 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **1.0** | **J** | 2.0 | 0.61 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.54 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 02/10/25 16:10 | 1 |

## Client Sample ID: RX-21-01
## Lab Sample ID: 200-76885-1

**Date Collected: 02/05/25 11:17**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Ethylbenzene** | **6.5** | | 0.87 | 0.30 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **m,p-Xylene** | **30** | | 2.2 | 0.41 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **o-Xylene** | **9.5** | | 0.87 | 0.27 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 02/10/25 16:10 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **4-Ethyltoluene** | **0.30** | **J** | 0.98 | 0.24 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **1,3,5-Trimethylbenzene** | **0.36** | **J** | 0.98 | 0.23 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 02/10/25 16:10 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 02/10/25 16:10 | 1 |
| **1,2,4-Trimethylbenzene** | **0.89** | **J** | 0.98 | 0.39 | ug/m3 | | | 02/10/25 16:10 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.33 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.44 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 02/10/25 16:10 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 02/10/25 16:10 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 2.4 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 16:10 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 02/10/25 16:10 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **0.50** | | 0.50 | 0.11 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Chlorodifluoromethane** | **0.28** | **J** | 0.50 | 0.12 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.048 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Chloromethane | 0.50 | U | 0.50 | 0.15 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Vinyl chloride | 0.078 | U | 0.078 | 0.021 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **1,3-Butadiene** | **0.53** | | 0.20 | 0.039 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Bromomethane | 0.20 | U | 0.20 | 0.071 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Chloroethane | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Trichlorofluoromethane** | **0.29** | | 0.20 | 0.050 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.084** | **J** | 0.20 | 0.053 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,1-Dichloroethene | 0.050 | U | 0.050 | 0.026 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Acetone** | **11** | | 5.0 | 1.6 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Isopropyl alcohol** | **1.6** | **J** | 5.0 | 1.6 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Carbon disulfide** | **1.7** | | 0.50 | 0.13 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 3-Chloropropene | 0.50 | U | 0.50 | 0.12 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Methylene Chloride | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **tert-Butyl alcohol** | **4.5** | **J** | 5.0 | 1.2 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.036 | ppb v/v | | | 02/10/25 16:10 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.023 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **n-Hexane** | **25** | | 0.50 | 0.11 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.025 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.7** | | 0.50 | 0.49 | ppb v/v | | | 02/10/25 16:10 | 1 |
| cis-1,2-Dichloroethene | 0.050 | U | 0.050 | 0.021 | ppb v/v | | | 02/10/25 16:10 | 1 |

## Client Sample ID: RX-21-01
## Lab Sample ID: 200-76885-1

**Date Collected: 02/05/25 11:17**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloroform** | **1.2** | | 0.20 | 0.041 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Tetrahydrofuran | 5.0 | U | 5.0 | 1.3 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **1,1,1-Trichloroethane** | **0.22** | | 0.20 | 0.044 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Cyclohexane** | **0.074** | **J** | 0.20 | 0.058 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Carbon tetrachloride** | **0.034** | | 0.035 | 0.022 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **2,2,4-Trimethylpentane** | **0.043** | **J** | 0.20 | 0.038 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Benzene** | **0.68** | | 0.20 | 0.044 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.093 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **n-Heptane** | **8.6** | | 0.20 | 0.055 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Trichloroethene | 0.037 | U | 0.037 | 0.025 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Methyl methacrylate | 0.50 | U | 0.50 | 0.14 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.094 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,4-Dioxane | 5.0 | U | 5.0 | 0.082 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Bromodichloromethane | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 16:10 | 1 |
| cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **0.74** | | 0.50 | 0.13 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Toluene** | **3.7** | | 0.20 | 0.062 | ppb v/v | | | 02/10/25 16:10 | 1 |
| trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.054 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Tetrachloroethene** | **0.089** | **J** | 0.20 | 0.021 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.25** | **J** | 0.50 | 0.15 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Dibromochloromethane | 0.20 | U | 0.20 | 0.063 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.042 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Chlorobenzene | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **Ethylbenzene** | **1.5** | | 0.20 | 0.069 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **m,p-Xylene** | **6.9** | | 0.50 | 0.095 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **o-Xylene** | **2.2** | | 0.20 | 0.063 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Styrene | 0.20 | U | 0.20 | 0.059 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Bromoform | 0.20 | U | 0.20 | 0.12 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Cumene | 0.20 | U | 0.20 | 0.041 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.043 | ppb v/v | | | 02/10/25 16:10 | 1 |
| n-Propylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **4-Ethyltoluene** | **0.061** | **J** | 0.20 | 0.049 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **1,3,5-Trimethylbenzene** | **0.074** | **J** | 0.20 | 0.047 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 2-Chlorotoluene | 0.20 | U | 0.20 | 0.046 | ppb v/v | | | 02/10/25 16:10 | 1 |
| tert-Butylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 16:10 | 1 |
| **1,2,4-Trimethylbenzene** | **0.18** | **J** | 0.20 | 0.080 | ppb v/v | | | 02/10/25 16:10 | 1 |
| sec-Butylbenzene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.061 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.089 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Benzyl chloride | 0.20 | U | 0.20 | 0.088 | ppb v/v | | | 02/10/25 16:10 | 1 |
| n-Butylbenzene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.066 | ppb v/v | | | 02/10/25 16:10 | 1 |
| 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.33 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Hexachlorobutadiene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 16:10 | 1 |
| Naphthalene | 0.38 | U | 0.38 | 0.30 | ppb v/v | | | 02/10/25 16:10 | 1 |

## Client Sample ID: RX-21-01
## Lab Sample ID: 200-76885-1

**Date Collected: 02/05/25 11:17**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **n-Butane** | **220** | **D** | 4.8 | 1.9 | ug/m3 | | | 02/10/25 17:01 | 4 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **n-Butane** | **92** | **D** | 2.0 | 0.80 | ppb v/v | | | 02/10/25 17:01 | 4 |

## Client Sample ID: DUP_02052025
## Lab Sample ID: 200-76885-2

**Date Collected: 02/05/25 11:16**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.6** | | 2.5 | 0.54 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Chlorodifluoromethane** | **1.0** | **J** | 1.8 | 0.42 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Chloromethane** | **0.66** | **J** | 1.0 | 0.31 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **1,3-Butadiene** | **1.0** | | 0.44 | 0.086 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.47 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Bromoethene(Vinyl Bromide) | 0.87 | U | 0.87 | 0.22 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Trichlorofluoromethane** | **1.6** | | 1.1 | 0.28 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.60** | **J** | 1.5 | 0.41 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Acetone** | **26** | | 12 | 3.8 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Carbon disulfide** | **4.4** | | 1.6 | 0.40 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **tert-Butyl alcohol** | **11** | **J** | 15 | 3.6 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 02/10/25 17:53 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **n-Hexane** | **75** | | 1.8 | 0.39 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **5.2** | | 1.5 | 1.4 | ug/m3 | | | 02/10/25 17:53 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Chloroform** | **4.8** | | 0.98 | 0.20 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **1,1,1-Trichloroethane** | **1.0** | **J** | 1.1 | 0.24 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.20 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Carbon tetrachloride** | **0.22** | | 0.22 | 0.14 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Benzene** | **2.0** | | 0.64 | 0.14 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **n-Heptane** | **30** | | 0.82 | 0.23 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Methyl methacrylate | 2.0 | U | 2.0 | 0.57 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.30 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 02/10/25 17:53 | 1 |

## Client Sample ID: DUP_02052025
## Lab Sample ID: 200-76885-2

**Date Collected: 02/05/25 11:16**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **2.5** | | 2.0 | 0.53 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Toluene** | **12** | | 0.75 | 0.23 | ug/m3 | | | 02/10/25 17:53 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Tetrachloroethene** | **0.54** | **J** | 1.4 | 0.14 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.98** | **J** | 2.0 | 0.61 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.54 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **Ethylbenzene** | **5.4** | | 0.87 | 0.30 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **m,p-Xylene** | **25** | | 2.2 | 0.41 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **o-Xylene** | **7.9** | | 0.87 | 0.27 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 02/10/25 17:53 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **4-Ethyltoluene** | **0.25** | **J** | 0.98 | 0.24 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **1,3,5-Trimethylbenzene** | **0.28** | **J** | 0.98 | 0.23 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 02/10/25 17:53 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 02/10/25 17:53 | 1 |
| **1,2,4-Trimethylbenzene** | **0.68** | **J** | 0.98 | 0.39 | ug/m3 | | | 02/10/25 17:53 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.33 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.44 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 02/10/25 17:53 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 02/10/25 17:53 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 2.4 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 17:53 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 02/10/25 17:53 | 1 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **0.53** | | 0.50 | 0.11 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Chlorodifluoromethane** | **0.28** | **J** | 0.50 | 0.12 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.048 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Chloromethane** | **0.32** | **J** | 0.50 | 0.15 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Vinyl chloride | 0.078 | U | 0.078 | 0.021 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **1,3-Butadiene** | **0.46** | | 0.20 | 0.039 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Bromomethane | 0.20 | U | 0.20 | 0.071 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Chloroethane | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Trichlorofluoromethane** | **0.29** | | 0.20 | 0.050 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.078** | **J** | 0.20 | 0.053 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,1-Dichloroethene | 0.050 | U | 0.050 | 0.026 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Acetone** | **11** | | 5.0 | 1.6 | ppb v/v | | | 02/10/25 17:53 | 1 |

## Client Sample ID: DUP_02052025
## Lab Sample ID: 200-76885-2

**Date Collected: 02/05/25 11:16**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Isopropyl alcohol | 5.0 | U | 5.0 | 1.6 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Carbon disulfide** | **1.4** | | 0.50 | 0.13 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 3-Chloropropene | 0.50 | U | 0.50 | 0.12 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Methylene Chloride | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **tert-Butyl alcohol** | **3.7** | **J** | 5.0 | 1.2 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.036 | ppb v/v | | | 02/10/25 17:53 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.023 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **n-Hexane** | **21** | | 0.50 | 0.11 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.025 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **1.8** | | 0.50 | 0.49 | ppb v/v | | | 02/10/25 17:53 | 1 |
| cis-1,2-Dichloroethene | 0.050 | U | 0.050 | 0.021 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Chloroform** | **0.99** | | 0.20 | 0.041 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Tetrahydrofuran | 5.0 | U | 5.0 | 1.3 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **1,1,1-Trichloroethane** | **0.19** | **J** | 0.20 | 0.044 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Cyclohexane | 0.20 | U | 0.20 | 0.058 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Carbon tetrachloride** | **0.036** | | 0.035 | 0.022 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 2,2,4-Trimethylpentane | 0.20 | U | 0.20 | 0.038 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Benzene** | **0.61** | | 0.20 | 0.044 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.093 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **n-Heptane** | **7.4** | | 0.20 | 0.055 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Trichloroethene | 0.037 | U | 0.037 | 0.025 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Methyl methacrylate | 0.50 | U | 0.50 | 0.14 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.094 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,4-Dioxane | 5.0 | U | 5.0 | 0.082 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Bromodichloromethane | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 17:53 | 1 |
| cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **0.62** | | 0.50 | 0.13 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Toluene** | **3.2** | | 0.20 | 0.062 | ppb v/v | | | 02/10/25 17:53 | 1 |
| trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.054 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Tetrachloroethene** | **0.080** | **J** | 0.20 | 0.021 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.24** | **J** | 0.50 | 0.15 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Dibromochloromethane | 0.20 | U | 0.20 | 0.063 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.042 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Chlorobenzene | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **Ethylbenzene** | **1.3** | | 0.20 | 0.069 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **m,p-Xylene** | **5.8** | | 0.50 | 0.095 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **o-Xylene** | **1.8** | | 0.20 | 0.063 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Styrene | 0.20 | U | 0.20 | 0.059 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Bromoform | 0.20 | U | 0.20 | 0.12 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Cumene | 0.20 | U | 0.20 | 0.041 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.043 | ppb v/v | | | 02/10/25 17:53 | 1 |
| n-Propylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **4-Ethyltoluene** | **0.051** | **J** | 0.20 | 0.049 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **1,3,5-Trimethylbenzene** | **0.058** | **J** | 0.20 | 0.047 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 2-Chlorotoluene | 0.20 | U | 0.20 | 0.046 | ppb v/v | | | 02/10/25 17:53 | 1 |
| tert-Butylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 17:53 | 1 |
| **1,2,4-Trimethylbenzene** | **0.14** | **J** | 0.20 | 0.080 | ppb v/v | | | 02/10/25 17:53 | 1 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 200-76885-2**

**Date Collected: 02/05/25 11:16**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.061 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.089 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Benzyl chloride | 0.20 | U | 0.20 | 0.088 | ppb v/v | | | 02/10/25 17:53 | 1 |
| n-Butylbenzene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.066 | ppb v/v | | | 02/10/25 17:53 | 1 |
| 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.33 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Hexachlorobutadiene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 17:53 | 1 |
| Naphthalene | 0.38 | U | 0.38 | 0.30 | ppb v/v | | | 02/10/25 17:53 | 1 |

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **n-Butane** | **190** | **D** | 3.6 | 1.4 | ug/m3 | | | 02/10/25 18:43 | 2.99 |

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **n-Butane** | **81** | **D** | 1.5 | 0.60 | ppb v/v | | | 02/10/25 18:43 | 2.99 |

## Client Sample ID: RX-18-01
**Lab Sample ID: 200-76885-3**

**Date Collected: 02/05/25 12:02**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **2.6** | | 2.5 | 0.54 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Chlorodifluoromethane** | **1.1** | **J** | 1.8 | 0.42 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Chloromethane** | **0.66** | **J** | 1.0 | 0.31 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **n-Butane** | **24** | | 1.2 | 0.48 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **1,3-Butadiene** | **4.3** | | 0.44 | 0.086 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.47 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Bromoethene(Vinyl Bromide) | 0.87 | U | 0.87 | 0.22 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Trichlorofluoromethane** | **1.7** | | 1.1 | 0.28 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.65** | **J** | 1.5 | 0.41 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Acetone** | **25** | | 12 | 3.8 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Carbon disulfide** | **2.2** | | 1.6 | 0.40 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Methylene Chloride** | **0.78** | **J** | 1.7 | 0.63 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **tert-Butyl alcohol** | **8.2** | **J** | 15 | 3.6 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Methyl tert-butyl ether** | **0.17** | **J** | 0.72 | 0.13 | ug/m3 | | | 02/10/25 19:34 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **n-Hexane** | **1.5** | **J** | 1.8 | 0.39 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **8.3** | | 1.5 | 1.4 | ug/m3 | | | 02/10/25 19:34 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 02/10/25 19:34 | 1 |

## Client Sample ID: RX-18-01
## Lab Sample ID: 200-76885-3

**Date Collected: 02/05/25 12:02**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Chloroform** | **0.89** | **J** | 0.98 | 0.20 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Cyclohexane** | **0.32** | **J** | 0.69 | 0.20 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Carbon tetrachloride** | **0.50** | | 0.22 | 0.14 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **2,2,4-Trimethylpentane** | **0.60** | **J** | 0.93 | 0.18 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Benzene** | **4.0** | | 0.64 | 0.14 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **n-Heptane** | **2.1** | | 0.82 | 0.23 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Methyl methacrylate | 2.0 | U | 2.0 | 0.57 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.30 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 02/10/25 19:34 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **1.8** | **J** | 2.0 | 0.53 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Toluene** | **23** | | 0.75 | 0.23 | ug/m3 | | | 02/10/25 19:34 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Tetrachloroethene** | **0.21** | **J** | 1.4 | 0.14 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **1.3** | **J** | 2.0 | 0.61 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.54 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **Ethylbenzene** | **8.0** | | 0.87 | 0.30 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **m,p-Xylene** | **32** | | 2.2 | 0.41 | ug/m3 | | | 02/10/25 19:34 | 1 |
| **o-Xylene** | **7.6** | | 0.87 | 0.27 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 02/10/25 19:34 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 02/10/25 19:34 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 02/10/25 19:34 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.33 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.44 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 02/10/25 19:34 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 02/10/25 19:34 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 2.4 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 19:34 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 02/10/25 19:34 | 1 |

## Client Sample ID: RX-18-01
## Lab Sample ID: 200-76885-3

**Date Collected: 02/05/25 12:02**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Dichlorodifluoromethane** | **0.52** | | 0.50 | 0.11 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Chlorodifluoromethane** | **0.30** | **J** | 0.50 | 0.12 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.048 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Chloromethane** | **0.32** | **J** | 0.50 | 0.15 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **n-Butane** | **10** | | 0.50 | 0.20 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Vinyl chloride | 0.078 | U | 0.078 | 0.021 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **1,3-Butadiene** | **1.9** | | 0.20 | 0.039 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Bromomethane | 0.20 | U | 0.20 | 0.071 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Chloroethane | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Trichlorofluoromethane** | **0.31** | | 0.20 | 0.050 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **1,1,2-Trichlorotrifluoroethane** | **0.085** | **J** | 0.20 | 0.053 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,1-Dichloroethene | 0.050 | U | 0.050 | 0.026 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Acetone** | **11** | | 5.0 | 1.6 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Isopropyl alcohol | 5.0 | U | 5.0 | 1.6 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Carbon disulfide** | **0.70** | | 0.50 | 0.13 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 3-Chloropropene | 0.50 | U | 0.50 | 0.12 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Methylene Chloride** | **0.23** | **J** | 0.50 | 0.18 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **tert-Butyl alcohol** | **2.7** | **J** | 5.0 | 1.2 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Methyl tert-butyl ether** | **0.046** | **J** | 0.20 | 0.036 | ppb v/v | | | 02/10/25 19:34 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.023 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **n-Hexane** | **0.44** | **J** | 0.50 | 0.11 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.025 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Methyl Ethyl Ketone (2-Butanone)** | **2.8** | | 0.50 | 0.49 | ppb v/v | | | 02/10/25 19:34 | 1 |
| cis-1,2-Dichloroethene | 0.050 | U | 0.050 | 0.021 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Chloroform** | **0.18** | **J** | 0.20 | 0.041 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Tetrahydrofuran | 5.0 | U | 5.0 | 1.3 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Cyclohexane** | **0.094** | **J** | 0.20 | 0.058 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Carbon tetrachloride** | **0.080** | | 0.035 | 0.022 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **2,2,4-Trimethylpentane** | **0.13** | **J** | 0.20 | 0.038 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Benzene** | **1.3** | | 0.20 | 0.044 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.093 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **n-Heptane** | **0.51** | | 0.20 | 0.055 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Trichloroethene | 0.037 | U | 0.037 | 0.025 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Methyl methacrylate | 0.50 | U | 0.50 | 0.14 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.094 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,4-Dioxane | 5.0 | U | 5.0 | 0.082 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Bromodichloromethane | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 19:34 | 1 |
| cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **4-Methyl-2-pentanone (Methyl isobutyl ketone)** | **0.44** | **J** | 0.50 | 0.13 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Toluene** | **6.1** | | 0.20 | 0.062 | ppb v/v | | | 02/10/25 19:34 | 1 |
| trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.054 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Tetrachloroethene** | **0.031** | **J** | 0.20 | 0.021 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **Methyl Butyl Ketone (2-Hexanone)** | **0.32** | **J** | 0.50 | 0.15 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Dibromochloromethane | 0.20 | U | 0.20 | 0.063 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.042 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Chlorobenzene | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 19:34 | 1 |

## Client Sample ID: RX-18-01
## Lab Sample ID: 200-76885-3

**Date Collected: 02/05/25 12:02**
**Matrix: Air**
**Date Received: 02/06/25 10:30**
**Sample Container: Summa Canister 6L**

### Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| **Ethylbenzene** | **1.8** | | 0.20 | 0.069 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **m,p-Xylene** | **7.3** | | 0.50 | 0.095 | ppb v/v | | | 02/10/25 19:34 | 1 |
| **o-Xylene** | **1.8** | | 0.20 | 0.063 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Styrene | 0.20 | U | 0.20 | 0.059 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Bromoform | 0.20 | U | 0.20 | 0.12 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Cumene | 0.20 | U | 0.20 | 0.041 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.043 | ppb v/v | | | 02/10/25 19:34 | 1 |
| n-Propylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 4-Ethyltoluene | 0.20 | U | 0.20 | 0.049 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,3,5-Trimethylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 2-Chlorotoluene | 0.20 | U | 0.20 | 0.046 | ppb v/v | | | 02/10/25 19:34 | 1 |
| tert-Butylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2,4-Trimethylbenzene | 0.20 | U | 0.20 | 0.080 | ppb v/v | | | 02/10/25 19:34 | 1 |
| sec-Butylbenzene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.061 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.089 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Benzyl chloride | 0.20 | U | 0.20 | 0.088 | ppb v/v | | | 02/10/25 19:34 | 1 |
| n-Butylbenzene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.066 | ppb v/v | | | 02/10/25 19:34 | 1 |
| 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.33 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Hexachlorobutadiene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 19:34 | 1 |
| Naphthalene | 0.38 | U | 0.38 | 0.30 | ppb v/v | | | 02/10/25 19:34 | 1 |

# Default Detection Limits

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

| Analyte | RL | MDL |
|---|---|---|
| 1,1,1-Trichloroethane | 1.1 ug/m3 | 0.24 ug/m3 |
| 1,1,1-Trichloroethane | 0.20 ppb v/v | 0.044 ppb v/v |
| 1,1,2,2-Tetrachloroethane | 1.4 ug/m3 | 0.30 ug/m3 |
| 1,1,2,2-Tetrachloroethane | 0.20 ppb v/v | 0.043 ppb v/v |
| 1,1,2-Trichloroethane | 1.1 ug/m3 | 0.40 ug/m3 |
| 1,1,2-Trichloroethane | 0.20 ppb v/v | 0.074 ppb v/v |
| 1,1,2-Trichlorotrifluoroethane | 1.5 ug/m3 | 0.41 ug/m3 |
| 1,1,2-Trichlorotrifluoroethane | 0.20 ppb v/v | 0.053 ppb v/v |
| 1,1-Dichloroethane | 0.81 ug/m3 | 0.10 ug/m3 |
| 1,1-Dichloroethane | 0.20 ppb v/v | 0.025 ppb v/v |
| 1,1-Dichloroethene | 0.20 ug/m3 | 0.10 ug/m3 |
| 1,1-Dichloroethene | 0.050 ppb v/v | 0.026 ppb v/v |
| 1,2,4-Trichlorobenzene | 3.7 ug/m3 | 2.4 ug/m3 |
| 1,2,4-Trichlorobenzene | 0.50 ppb v/v | 0.33 ppb v/v |
| 1,2,4-Trimethylbenzene | 0.98 ug/m3 | 0.39 ug/m3 |
| 1,2,4-Trimethylbenzene | 0.20 ppb v/v | 0.080 ppb v/v |
| 1,2-Dibromoethane | 1.5 ug/m3 | 0.32 ug/m3 |
| 1,2-Dibromoethane | 0.20 ppb v/v | 0.042 ppb v/v |
| 1,2-Dichlorobenzene | 1.2 ug/m3 | 0.40 ug/m3 |
| 1,2-Dichlorobenzene | 0.20 ppb v/v | 0.066 ppb v/v |
| 1,2-Dichloroethane | 0.81 ug/m3 | 0.38 ug/m3 |
| 1,2-Dichloroethane | 0.20 ppb v/v | 0.093 ppb v/v |
| 1,2-Dichloropropane | 0.92 ug/m3 | 0.43 ug/m3 |
| 1,2-Dichloropropane | 0.20 ppb v/v | 0.094 ppb v/v |
| 1,2-Dichlorotetrafluoroethane | 1.4 ug/m3 | 0.34 ug/m3 |
| 1,2-Dichlorotetrafluoroethane | 0.20 ppb v/v | 0.048 ppb v/v |
| 1,3,5-Trimethylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| 1,3,5-Trimethylbenzene | 0.20 ppb v/v | 0.047 ppb v/v |
| 1,3-Butadiene | 0.44 ug/m3 | 0.086 ug/m3 |
| 1,3-Butadiene | 0.20 ppb v/v | 0.039 ppb v/v |
| 1,3-Dichlorobenzene | 1.2 ug/m3 | 0.44 ug/m3 |
| 1,3-Dichlorobenzene | 0.20 ppb v/v | 0.074 ppb v/v |
| 1,4-Dichlorobenzene | 1.2 ug/m3 | 0.54 ug/m3 |
| 1,4-Dichlorobenzene | 0.20 ppb v/v | 0.089 ppb v/v |
| 1,4-Dioxane | 18 ug/m3 | 0.30 ug/m3 |
| 1,4-Dioxane | 5.0 ppb v/v | 0.082 ppb v/v |
| 2,2,4-Trimethylpentane | 0.93 ug/m3 | 0.18 ug/m3 |
| 2,2,4-Trimethylpentane | 0.20 ppb v/v | 0.038 ppb v/v |
| 2-Chlorotoluene | 1.0 ug/m3 | 0.24 ug/m3 |
| 2-Chlorotoluene | 0.20 ppb v/v | 0.046 ppb v/v |
| 3-Chloropropene | 1.6 ug/m3 | 0.38 ug/m3 |
| 3-Chloropropene | 0.50 ppb v/v | 0.12 ppb v/v |
| 4-Ethyltoluene | 0.98 ug/m3 | 0.24 ug/m3 |
| 4-Ethyltoluene | 0.20 ppb v/v | 0.049 ppb v/v |
| 4-Isopropyltoluene | 1.1 ug/m3 | 0.33 ug/m3 |
| 4-Isopropyltoluene | 0.20 ppb v/v | 0.061 ppb v/v |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0 ug/m3 | 0.53 ug/m3 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50 ppb v/v | 0.13 ppb v/v |
| Acetone | 12 ug/m3 | 3.8 ug/m3 |
| Acetone | 5.0 ppb v/v | 1.6 ppb v/v |
| Benzene | 0.64 ug/m3 | 0.14 ug/m3 |
| Benzene | 0.20 ppb v/v | 0.044 ppb v/v |
| Benzyl chloride | 1.0 ug/m3 | 0.46 ug/m3 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | RL | MDL |
|---|---|---|
| Benzyl chloride | 0.20 ppb v/v | 0.088 ppb v/v |
| Bromodichloromethane | 1.3 ug/m3 | 0.34 ug/m3 |
| Bromodichloromethane | 0.20 ppb v/v | 0.050 ppb v/v |
| Bromoethene(Vinyl Bromide) | 0.87 ug/m3 | 0.22 ug/m3 |
| Bromoethene(Vinyl Bromide) | 0.20 ppb v/v | 0.050 ppb v/v |
| Bromoform | 2.1 ug/m3 | 1.2 ug/m3 |
| Bromoform | 0.20 ppb v/v | 0.12 ppb v/v |
| Bromomethane | 0.78 ug/m3 | 0.28 ug/m3 |
| Bromomethane | 0.20 ppb v/v | 0.071 ppb v/v |
| Carbon disulfide | 1.6 ug/m3 | 0.40 ug/m3 |
| Carbon disulfide | 0.50 ppb v/v | 0.13 ppb v/v |
| Carbon tetrachloride | 0.22 ug/m3 | 0.14 ug/m3 |
| Carbon tetrachloride | 0.035 ppb v/v | 0.022 ppb v/v |
| Chlorobenzene | 0.92 ug/m3 | 0.20 ug/m3 |
| Chlorobenzene | 0.20 ppb v/v | 0.044 ppb v/v |
| Chlorodifluoromethane | 1.8 ug/m3 | 0.42 ug/m3 |
| Chlorodifluoromethane | 0.50 ppb v/v | 0.12 ppb v/v |
| Chloroethane | 1.3 ug/m3 | 0.47 ug/m3 |
| Chloroethane | 0.50 ppb v/v | 0.18 ppb v/v |
| Chloroform | 0.98 ug/m3 | 0.20 ug/m3 |
| Chloroform | 0.20 ppb v/v | 0.041 ppb v/v |
| Chloromethane | 1.0 ug/m3 | 0.31 ug/m3 |
| Chloromethane | 0.50 ppb v/v | 0.15 ppb v/v |
| cis-1,2-Dichloroethene | 0.20 ug/m3 | 0.083 ug/m3 |
| cis-1,2-Dichloroethene | 0.050 ppb v/v | 0.021 ppb v/v |
| cis-1,3-Dichloropropene | 0.91 ug/m3 | 0.20 ug/m3 |
| cis-1,3-Dichloropropene | 0.20 ppb v/v | 0.045 ppb v/v |
| Cumene | 0.98 ug/m3 | 0.20 ug/m3 |
| Cumene | 0.20 ppb v/v | 0.041 ppb v/v |
| Cyclohexane | 0.69 ug/m3 | 0.20 ug/m3 |
| Cyclohexane | 0.20 ppb v/v | 0.058 ppb v/v |
| Dibromochloromethane | 1.7 ug/m3 | 0.54 ug/m3 |
| Dibromochloromethane | 0.20 ppb v/v | 0.063 ppb v/v |
| Dichlorodifluoromethane | 2.5 ug/m3 | 0.54 ug/m3 |
| Dichlorodifluoromethane | 0.50 ppb v/v | 0.11 ppb v/v |
| Ethylbenzene | 0.87 ug/m3 | 0.30 ug/m3 |
| Ethylbenzene | 0.20 ppb v/v | 0.069 ppb v/v |
| Hexachlorobutadiene | 2.1 ug/m3 | 1.2 ug/m3 |
| Hexachlorobutadiene | 0.20 ppb v/v | 0.11 ppb v/v |
| Isopropyl alcohol | 12 ug/m3 | 3.9 ug/m3 |
| Isopropyl alcohol | 5.0 ppb v/v | 1.6 ppb v/v |
| m,p-Xylene | 2.2 ug/m3 | 0.41 ug/m3 |
| m,p-Xylene | 0.50 ppb v/v | 0.095 ppb v/v |
| Methyl Butyl Ketone (2-Hexanone) | 2.0 ug/m3 | 0.61 ug/m3 |
| Methyl Butyl Ketone (2-Hexanone) | 0.50 ppb v/v | 0.15 ppb v/v |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 ug/m3 | 1.4 ug/m3 |
| Methyl Ethyl Ketone (2-Butanone) | 0.50 ppb v/v | 0.49 ppb v/v |
| Methyl methacrylate | 2.0 ug/m3 | 0.57 ug/m3 |
| Methyl methacrylate | 0.50 ppb v/v | 0.14 ppb v/v |
| Methyl tert-butyl ether | 0.72 ug/m3 | 0.13 ug/m3 |
| Methyl tert-butyl ether | 0.20 ppb v/v | 0.036 ppb v/v |
| Methylene Chloride | 1.7 ug/m3 | 0.63 ug/m3 |
| Methylene Chloride | 0.50 ppb v/v | 0.18 ppb v/v |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

| Analyte | RL | MDL |
|---|---|---|
| Naphthalene | 2.0 ug/m3 | 1.6 ug/m3 |
| Naphthalene | 0.38 ppb v/v | 0.30 ppb v/v |
| n-Butane | 1.2 ug/m3 | 0.48 ug/m3 |
| n-Butane | 0.50 ppb v/v | 0.20 ppb v/v |
| n-Butylbenzene | 1.1 ug/m3 | 0.60 ug/m3 |
| n-Butylbenzene | 0.20 ppb v/v | 0.11 ppb v/v |
| n-Heptane | 0.82 ug/m3 | 0.23 ug/m3 |
| n-Heptane | 0.20 ppb v/v | 0.055 ppb v/v |
| n-Hexane | 1.8 ug/m3 | 0.39 ug/m3 |
| n-Hexane | 0.50 ppb v/v | 0.11 ppb v/v |
| n-Propylbenzene | 0.98 ug/m3 | 0.23 ug/m3 |
| n-Propylbenzene | 0.20 ppb v/v | 0.047 ppb v/v |
| o-Xylene | 0.87 ug/m3 | 0.27 ug/m3 |
| o-Xylene | 0.20 ppb v/v | 0.063 ppb v/v |
| sec-Butylbenzene | 1.1 ug/m3 | 0.25 ug/m3 |
| sec-Butylbenzene | 0.20 ppb v/v | 0.045 ppb v/v |
| Styrene | 0.85 ug/m3 | 0.25 ug/m3 |
| Styrene | 0.20 ppb v/v | 0.059 ppb v/v |
| tert-Butyl alcohol | 15 ug/m3 | 3.6 ug/m3 |
| tert-Butyl alcohol | 5.0 ppb v/v | 1.2 ppb v/v |
| tert-Butylbenzene | 1.1 ug/m3 | 0.26 ug/m3 |
| tert-Butylbenzene | 0.20 ppb v/v | 0.047 ppb v/v |
| Tetrachloroethene | 1.4 ug/m3 | 0.14 ug/m3 |
| Tetrachloroethene | 0.20 ppb v/v | 0.021 ppb v/v |
| Tetrahydrofuran | 15 ug/m3 | 3.8 ug/m3 |
| Tetrahydrofuran | 5.0 ppb v/v | 1.3 ppb v/v |
| Toluene | 0.75 ug/m3 | 0.23 ug/m3 |
| Toluene | 0.20 ppb v/v | 0.062 ppb v/v |
| trans-1,2-Dichloroethene | 0.79 ug/m3 | 0.091 ug/m3 |
| trans-1,2-Dichloroethene | 0.20 ppb v/v | 0.023 ppb v/v |
| trans-1,3-Dichloropropene | 0.91 ug/m3 | 0.25 ug/m3 |
| trans-1,3-Dichloropropene | 0.20 ppb v/v | 0.054 ppb v/v |
| Trichloroethene | 0.20 ug/m3 | 0.13 ug/m3 |
| Trichloroethene | 0.037 ppb v/v | 0.025 ppb v/v |
| Trichlorofluoromethane | 1.1 ug/m3 | 0.28 ug/m3 |
| Trichlorofluoromethane | 0.20 ppb v/v | 0.050 ppb v/v |
| Vinyl chloride | 0.20 ug/m3 | 0.054 ug/m3 |
| Vinyl chloride | 0.078 ppb v/v | 0.021 ppb v/v |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air

**Lab Sample ID: MB 200-213497/5**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 2.5 | U | 2.5 | 0.54 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Chlorodifluoromethane | 1.8 | U | 1.8 | 0.42 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2-Dichlorotetrafluoroethane | 1.4 | U | 1.4 | 0.34 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Chloromethane | 1.0 | U | 1.0 | 0.31 | ug/m3 | | | 02/10/25 10:46 | 1 |
| n-Butane | 1.2 | U | 1.2 | 0.48 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Vinyl chloride | 0.20 | U | 0.20 | 0.054 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,3-Butadiene | 0.44 | U | 0.44 | 0.086 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Bromomethane | 0.78 | U | 0.78 | 0.28 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Chloroethane | 1.3 | U | 1.3 | 0.47 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Bromoethene(Vinyl Bromide) | 0.87 | U | 0.87 | 0.22 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Trichlorofluoromethane | 1.1 | U | 1.1 | 0.28 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 1.5 | U | 1.5 | 0.41 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1-Dichloroethene | 0.20 | U | 0.20 | 0.10 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Acetone | 12 | U | 12 | 3.8 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Isopropyl alcohol | 12 | U | 12 | 3.9 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Carbon disulfide | 1.6 | U | 1.6 | 0.40 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 3-Chloropropene | 1.6 | U | 1.6 | 0.38 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Methylene Chloride | 1.7 | U | 1.7 | 0.63 | ug/m3 | | | 02/10/25 10:46 | 1 |
| tert-Butyl alcohol | 15 | U | 15 | 3.6 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Methyl tert-butyl ether | 0.72 | U | 0.72 | 0.13 | ug/m3 | | | 02/10/25 10:46 | 1 |
| trans-1,2-Dichloroethene | 0.79 | U | 0.79 | 0.091 | ug/m3 | | | 02/10/25 10:46 | 1 |
| n-Hexane | 1.8 | U | 1.8 | 0.39 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1-Dichloroethane | 0.81 | U | 0.81 | 0.10 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Methyl Ethyl Ketone (2-Butanone) | 1.5 | U | 1.5 | 1.4 | ug/m3 | | | 02/10/25 10:46 | 1 |
| cis-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.083 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Chloroform | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Tetrahydrofuran | 15 | U | 15 | 3.8 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1,1-Trichloroethane | 1.1 | U | 1.1 | 0.24 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Cyclohexane | 0.69 | U | 0.69 | 0.20 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Carbon tetrachloride | 0.22 | U | 0.22 | 0.14 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 2,2,4-Trimethylpentane | 0.93 | U | 0.93 | 0.18 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Benzene | 0.64 | U | 0.64 | 0.14 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2-Dichloroethane | 0.81 | U | 0.81 | 0.38 | ug/m3 | | | 02/10/25 10:46 | 1 |
| n-Heptane | 0.82 | U | 0.82 | 0.23 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Trichloroethene | 0.20 | U | 0.20 | 0.13 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Methyl methacrylate | 2.0 | U | 2.0 | 0.57 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2-Dichloropropane | 0.92 | U | 0.92 | 0.43 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,4-Dioxane | 18 | U | 18 | 0.30 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Bromodichloromethane | 1.3 | U | 1.3 | 0.34 | ug/m3 | | | 02/10/25 10:46 | 1 |
| cis-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.20 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 2.0 | U | 2.0 | 0.53 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Toluene | 0.75 | U | 0.75 | 0.23 | ug/m3 | | | 02/10/25 10:46 | 1 |
| trans-1,3-Dichloropropene | 0.91 | U | 0.91 | 0.25 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1,2-Trichloroethane | 1.1 | U | 1.1 | 0.40 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Tetrachloroethene | 1.4 | U | 1.4 | 0.14 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 2.0 | U | 2.0 | 0.61 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Dibromochloromethane | 1.7 | U | 1.7 | 0.54 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2-Dibromoethane | 1.5 | U | 1.5 | 0.32 | ug/m3 | | | 02/10/25 10:46 | 1 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 200-213497/5**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Chlorobenzene | 0.92 | U | 0.92 | 0.20 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Ethylbenzene | 0.87 | U | 0.87 | 0.30 | ug/m3 | | | 02/10/25 10:46 | 1 |
| m,p-Xylene | 2.2 | U | 2.2 | 0.41 | ug/m3 | | | 02/10/25 10:46 | 1 |
| o-Xylene | 0.87 | U | 0.87 | 0.27 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Styrene | 0.85 | U | 0.85 | 0.25 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Bromoform | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Cumene | 0.98 | U | 0.98 | 0.20 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,1,2,2-Tetrachloroethane | 1.4 | U | 1.4 | 0.30 | ug/m3 | | | 02/10/25 10:46 | 1 |
| n-Propylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 4-Ethyltoluene | 0.98 | U | 0.98 | 0.24 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,3,5-Trimethylbenzene | 0.98 | U | 0.98 | 0.23 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 2-Chlorotoluene | 1.0 | U | 1.0 | 0.24 | ug/m3 | | | 02/10/25 10:46 | 1 |
| tert-Butylbenzene | 1.1 | U | 1.1 | 0.26 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2,4-Trimethylbenzene | 0.98 | U | 0.98 | 0.39 | ug/m3 | | | 02/10/25 10:46 | 1 |
| sec-Butylbenzene | 1.1 | U | 1.1 | 0.25 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 4-Isopropyltoluene | 1.1 | U | 1.1 | 0.33 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,3-Dichlorobenzene | 1.2 | U | 1.2 | 0.44 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,4-Dichlorobenzene | 1.2 | U | 1.2 | 0.54 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Benzyl chloride | 1.0 | U | 1.0 | 0.46 | ug/m3 | | | 02/10/25 10:46 | 1 |
| n-Butylbenzene | 1.1 | U | 1.1 | 0.60 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2-Dichlorobenzene | 1.2 | U | 1.2 | 0.40 | ug/m3 | | | 02/10/25 10:46 | 1 |
| 1,2,4-Trichlorobenzene | 3.7 | U | 3.7 | 2.4 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Hexachlorobutadiene | 2.1 | U | 2.1 | 1.2 | ug/m3 | | | 02/10/25 10:46 | 1 |
| Naphthalene | 2.0 | U | 2.0 | 1.6 | ug/m3 | | | 02/10/25 10:46 | 1 |

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 0.50 | U | 0.50 | 0.11 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Chlorodifluoromethane | 0.50 | U | 0.50 | 0.12 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.048 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Chloromethane | 0.50 | U | 0.50 | 0.15 | ppb v/v | | | 02/10/25 10:46 | 1 |
| n-Butane | 0.50 | U | 0.50 | 0.20 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Vinyl chloride | 0.078 | U | 0.078 | 0.021 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,3-Butadiene | 0.20 | U | 0.20 | 0.039 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Bromomethane | 0.20 | U | 0.20 | 0.071 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Chloroethane | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Trichlorofluoromethane | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1,2-Trichlorotrifluoroethane | 0.20 | U | 0.20 | 0.053 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1-Dichloroethene | 0.050 | U | 0.050 | 0.026 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Acetone | 5.0 | U | 5.0 | 1.6 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Isopropyl alcohol | 5.0 | U | 5.0 | 1.6 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Carbon disulfide | 0.50 | U | 0.50 | 0.13 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 3-Chloropropene | 0.50 | U | 0.50 | 0.12 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Methylene Chloride | 0.50 | U | 0.50 | 0.18 | ppb v/v | | | 02/10/25 10:46 | 1 |
| tert-Butyl alcohol | 5.0 | U | 5.0 | 1.2 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.036 | ppb v/v | | | 02/10/25 10:46 | 1 |
| trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.023 | ppb v/v | | | 02/10/25 10:46 | 1 |
| n-Hexane | 0.50 | U | 0.50 | 0.11 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.025 | ppb v/v | | | 02/10/25 10:46 | 1 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 200-213497/5**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Methyl Ethyl Ketone (2-Butanone) | 0.50 | U | 0.50 | 0.49 | ppb v/v | | | 02/10/25 10:46 | 1 |
| cis-1,2-Dichloroethene | 0.050 | U | 0.050 | 0.021 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Chloroform | 0.20 | U | 0.20 | 0.041 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Tetrahydrofuran | 5.0 | U | 5.0 | 1.3 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Cyclohexane | 0.20 | U | 0.20 | 0.058 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Carbon tetrachloride | 0.035 | U | 0.035 | 0.022 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 2,2,4-Trimethylpentane | 0.20 | U | 0.20 | 0.038 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Benzene | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.093 | ppb v/v | | | 02/10/25 10:46 | 1 |
| n-Heptane | 0.20 | U | 0.20 | 0.055 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Trichloroethene | 0.037 | U | 0.037 | 0.025 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Methyl methacrylate | 0.50 | U | 0.50 | 0.14 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.094 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,4-Dioxane | 5.0 | U | 5.0 | 0.082 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Bromodichloromethane | 0.20 | U | 0.20 | 0.050 | ppb v/v | | | 02/10/25 10:46 | 1 |
| cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.50 | U | 0.50 | 0.13 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Toluene | 0.20 | U | 0.20 | 0.062 | ppb v/v | | | 02/10/25 10:46 | 1 |
| trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.054 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Tetrachloroethene | 0.20 | U | 0.20 | 0.021 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Methyl Butyl Ketone (2-Hexanone) | 0.50 | U | 0.50 | 0.15 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Dibromochloromethane | 0.20 | U | 0.20 | 0.063 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.042 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Chlorobenzene | 0.20 | U | 0.20 | 0.044 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Ethylbenzene | 0.20 | U | 0.20 | 0.069 | ppb v/v | | | 02/10/25 10:46 | 1 |
| m,p-Xylene | 0.50 | U | 0.50 | 0.095 | ppb v/v | | | 02/10/25 10:46 | 1 |
| o-Xylene | 0.20 | U | 0.20 | 0.063 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Styrene | 0.20 | U | 0.20 | 0.059 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Bromoform | 0.20 | U | 0.20 | 0.12 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Cumene | 0.20 | U | 0.20 | 0.041 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.043 | ppb v/v | | | 02/10/25 10:46 | 1 |
| n-Propylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 4-Ethyltoluene | 0.20 | U | 0.20 | 0.049 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,3,5-Trimethylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 2-Chlorotoluene | 0.20 | U | 0.20 | 0.046 | ppb v/v | | | 02/10/25 10:46 | 1 |
| tert-Butylbenzene | 0.20 | U | 0.20 | 0.047 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2,4-Trimethylbenzene | 0.20 | U | 0.20 | 0.080 | ppb v/v | | | 02/10/25 10:46 | 1 |
| sec-Butylbenzene | 0.20 | U | 0.20 | 0.045 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.061 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.074 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.089 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Benzyl chloride | 0.20 | U | 0.20 | 0.088 | ppb v/v | | | 02/10/25 10:46 | 1 |
| n-Butylbenzene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.066 | ppb v/v | | | 02/10/25 10:46 | 1 |
| 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.33 | ppb v/v | | | 02/10/25 10:46 | 1 |
| Hexachlorobutadiene | 0.20 | U | 0.20 | 0.11 | ppb v/v | | | 02/10/25 10:46 | 1 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: MB 200-213497/5**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Naphthalene | 0.38 | U | 0.38 | 0.30 | ppb v/v | | | 02/10/25 10:46 | 1 |

**Lab Sample ID: LCS 200-213497/3**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 49.4 | 55.7 | | ug/m3 | | 113 | 61 - 142 |
| Chlorodifluoromethane | 35.4 | 40.3 | | ug/m3 | | 114 | 60 - 147 |
| 1,2-Dichlorotetrafluoroethane | 69.9 | 75.3 | | ug/m3 | | 108 | 71 - 141 |
| Chloromethane | 20.6 | 23.2 | | ug/m3 | | 113 | 56 - 141 |
| n-Butane | 23.8 | 26.8 | | ug/m3 | | 113 | 53 - 151 |
| Vinyl chloride | 25.6 | 25.9 | | ug/m3 | | 101 | 61 - 135 |
| 1,3-Butadiene | 22.1 | 21.5 | | ug/m3 | | 97 | 58 - 139 |
| Bromomethane | 38.8 | 40.6 | | ug/m3 | | 104 | 72 - 124 |
| Chloroethane | 26.4 | 29.3 | | ug/m3 | | 111 | 68 - 130 |
| Bromoethene(Vinyl Bromide) | 43.7 | 45.6 | | ug/m3 | | 104 | 75 - 125 |
| Trichlorofluoromethane | 56.2 | 61.0 | | ug/m3 | | 109 | 70 - 129 |
| 1,1,2-Trichlorotrifluoroethane | 76.6 | 81.2 | | ug/m3 | | 106 | 70 - 121 |
| 1,1-Dichloroethene | 39.6 | 42.1 | | ug/m3 | | 106 | 68 - 120 |
| Acetone | 23.7 | 26.9 | | ug/m3 | | 113 | 54 - 154 |
| Isopropyl alcohol | 24.6 | 33.1 | | ug/m3 | | 135 | 53 - 142 |
| Carbon disulfide | 31.1 | 34.2 | | ug/m3 | | 110 | 71 - 138 |
| 3-Chloropropene | 31.3 | 32.2 | | ug/m3 | | 103 | 50 - 150 |
| Methylene Chloride | 34.7 | 39.0 | | ug/m3 | | 112 | 59 - 137 |
| tert-Butyl alcohol | 30.3 | 34.5 | | ug/m3 | | 114 | 66 - 132 |
| Methyl tert-butyl ether | 36.0 | 41.1 | | ug/m3 | | 114 | 70 - 127 |
| trans-1,2-Dichloroethene | 39.6 | 44.1 | | ug/m3 | | 111 | 69 - 137 |
| n-Hexane | 35.2 | 40.7 | | ug/m3 | | 115 | 63 - 138 |
| 1,1-Dichloroethane | 40.5 | 43.8 | | ug/m3 | | 108 | 66 - 130 |
| Methyl Ethyl Ketone (2-Butanone) | 29.5 | 34.4 | | ug/m3 | | 117 | 72 - 124 |
| cis-1,2-Dichloroethene | 39.6 | 43.2 | | ug/m3 | | 109 | 72 - 121 |
| Chloroform | 48.8 | 53.2 | | ug/m3 | | 109 | 73 - 124 |
| Tetrahydrofuran | 29.5 | 33.4 | | ug/m3 | | 113 | 60 - 149 |
| 1,1,1-Trichloroethane | 54.6 | 60.2 | | ug/m3 | | 110 | 72 - 127 |
| Cyclohexane | 34.4 | 38.9 | | ug/m3 | | 113 | 76 - 124 |
| Carbon tetrachloride | 62.9 | 70.2 | | ug/m3 | | 112 | 71 - 133 |
| 2,2,4-Trimethylpentane | 46.7 | 55.3 | | ug/m3 | | 118 | 68 - 131 |
| Benzene | 31.9 | 34.6 | | ug/m3 | | 108 | 73 - 119 |
| 1,2-Dichloroethane | 40.5 | 46.4 | | ug/m3 | | 115 | 68 - 135 |
| n-Heptane | 41.0 | 50.6 | | ug/m3 | | 123 | 60 - 142 |
| Trichloroethene | 53.7 | 56.3 | | ug/m3 | | 105 | 73 - 122 |
| Methyl methacrylate | 40.9 | 47.6 | | ug/m3 | | 116 | 73 - 129 |
| 1,2-Dichloropropane | 46.2 | 52.1 | | ug/m3 | | 113 | 69 - 128 |
| 1,4-Dioxane | 36.0 | 43.7 | | ug/m3 | | 121 | 66 - 129 |
| Bromodichloromethane | 67.0 | 73.6 | | ug/m3 | | 110 | 75 - 127 |
| cis-1,3-Dichloropropene | 45.4 | 51.8 | | ug/m3 | | 114 | 74 - 125 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 200-213497/3**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.0 | 49.8 | | ug/m3 | | 122 | 58 - 144 |
| Toluene | 37.7 | 42.8 | | ug/m3 | | 114 | 75 - 122 |
| trans-1,3-Dichloropropene | 45.4 | 53.3 | | ug/m3 | | 117 | 74 - 128 |
| 1,1,2-Trichloroethane | 54.6 | 59.4 | | ug/m3 | | 109 | 75 - 126 |
| Tetrachloroethene | 67.8 | 70.5 | | ug/m3 | | 104 | 70 - 125 |
| Methyl Butyl Ketone (2-Hexanone) | 41.0 | 51.1 | | ug/m3 | | 125 | 57 - 143 |
| Dibromochloromethane | 85.2 | 88.4 | | ug/m3 | | 104 | 73 - 125 |
| 1,2-Dibromoethane | 76.8 | 84.3 | | ug/m3 | | 110 | 78 - 122 |
| Chlorobenzene | 46.0 | 48.4 | | ug/m3 | | 105 | 76 - 119 |
| Ethylbenzene | 43.4 | 49.5 | | ug/m3 | | 114 | 74 - 122 |
| m,p-Xylene | 86.8 | 100 | | ug/m3 | | 115 | 76 - 121 |
| o-Xylene | 43.4 | 50.3 | | ug/m3 | | 116 | 73 - 123 |
| Styrene | 42.6 | 50.8 | | ug/m3 | | 119 | 74 - 125 |
| Bromoform | 103 | 89.8 | | ug/m3 | | 87 | 53 - 149 |
| Cumene | 49.1 | 58.6 | | ug/m3 | | 119 | 73 - 123 |
| 1,1,2,2-Tetrachloroethane | 68.6 | 75.5 | | ug/m3 | | 110 | 74 - 126 |
| n-Propylbenzene | 49.1 | 57.6 | | ug/m3 | | 117 | 73 - 127 |
| 4-Ethyltoluene | 49.2 | 57.8 | | ug/m3 | | 118 | 75 - 129 |
| 1,3,5-Trimethylbenzene | 49.2 | 56.3 | | ug/m3 | | 115 | 72 - 126 |
| 2-Chlorotoluene | 51.8 | 59.1 | | ug/m3 | | 114 | 74 - 126 |
| tert-Butylbenzene | 54.9 | 63.2 | | ug/m3 | | 115 | 71 - 125 |
| 1,2,4-Trimethylbenzene | 49.2 | 57.8 | | ug/m3 | | 118 | 71 - 129 |
| sec-Butylbenzene | 54.9 | 63.8 | | ug/m3 | | 116 | 70 - 128 |
| 4-Isopropyltoluene | 54.9 | 64.5 | | ug/m3 | | 117 | 68 - 130 |
| 1,3-Dichlorobenzene | 60.1 | 64.5 | | ug/m3 | | 107 | 69 - 131 |
| 1,4-Dichlorobenzene | 60.1 | 64.5 | | ug/m3 | | 107 | 67 - 132 |
| Benzyl chloride | 51.8 | 61.9 | | ug/m3 | | 120 | 60 - 136 |
| n-Butylbenzene | 54.9 | 66.7 | | ug/m3 | | 122 | 65 - 137 |
| 1,2-Dichlorobenzene | 60.1 | 63.8 | | ug/m3 | | 106 | 68 - 129 |
| 1,2,4-Trichlorobenzene | 74.2 | 98.8 | | ug/m3 | | 133 | 50 - 150 |
| Hexachlorobutadiene | 107 | 123 | | ug/m3 | | 115 | 58 - 130 |
| Naphthalene | 52.4 | 70.9 | | ug/m3 | | 135 | 50 - 150 |

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Dichlorodifluoromethane | 10 | 11.3 | | ppb v/v | | 113 | 61 - 142 |
| Chlorodifluoromethane | 10 | 11.4 | | ppb v/v | | 114 | 60 - 147 |
| 1,2-Dichlorotetrafluoroethane | 10 | 10.8 | | ppb v/v | | 108 | 71 - 141 |
| Chloromethane | 10 | 11.3 | | ppb v/v | | 113 | 56 - 141 |
| n-Butane | 10 | 11.3 | | ppb v/v | | 113 | 53 - 151 |
| Vinyl chloride | 10 | 10.1 | | ppb v/v | | 101 | 61 - 135 |
| 1,3-Butadiene | 10 | 9.73 | | ppb v/v | | 97 | 58 - 139 |
| Bromomethane | 10 | 10.4 | | ppb v/v | | 104 | 72 - 124 |
| Chloroethane | 10 | 11.1 | | ppb v/v | | 111 | 68 - 130 |
| Bromoethene(Vinyl Bromide) | 10 | 10.4 | | ppb v/v | | 104 | 75 - 125 |
| Trichlorofluoromethane | 10 | 10.9 | | ppb v/v | | 109 | 70 - 129 |
| 1,1,2-Trichlorotrifluoroethane | 10 | 10.6 | | ppb v/v | | 106 | 70 - 121 |
| 1,1-Dichloroethene | 10 | 10.6 | | ppb v/v | | 106 | 68 - 120 |

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 200-213497/3**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Acetone | 10 | 11.3 | | ppb v/v | | 113 | 54 - 154 |
| Isopropyl alcohol | 10 | 13.5 | | ppb v/v | | 135 | 53 - 142 |
| Carbon disulfide | 10 | 11.0 | | ppb v/v | | 110 | 71 - 138 |
| 3-Chloropropene | 10 | 10.3 | | ppb v/v | | 103 | 50 - 150 |
| Methylene Chloride | 10 | 11.2 | | ppb v/v | | 112 | 59 - 137 |
| tert-Butyl alcohol | 10 | 11.4 | | ppb v/v | | 114 | 66 - 132 |
| Methyl tert-butyl ether | 10 | 11.4 | | ppb v/v | | 114 | 70 - 127 |
| trans-1,2-Dichloroethene | 10 | 11.1 | | ppb v/v | | 111 | 69 - 137 |
| n-Hexane | 10 | 11.5 | | ppb v/v | | 115 | 63 - 138 |
| 1,1-Dichloroethane | 10 | 10.8 | | ppb v/v | | 108 | 66 - 130 |
| Methyl Ethyl Ketone (2-Butanone) | 10 | 11.7 | | ppb v/v | | 117 | 72 - 124 |
| cis-1,2-Dichloroethene | 10 | 10.9 | | ppb v/v | | 109 | 72 - 121 |
| Chloroform | 10 | 10.9 | | ppb v/v | | 109 | 73 - 124 |
| Tetrahydrofuran | 10 | 11.3 | | ppb v/v | | 113 | 60 - 149 |
| 1,1,1-Trichloroethane | 10 | 11.0 | | ppb v/v | | 110 | 72 - 127 |
| Cyclohexane | 10 | 11.3 | | ppb v/v | | 113 | 76 - 124 |
| Carbon tetrachloride | 10 | 11.2 | | ppb v/v | | 112 | 71 - 133 |
| 2,2,4-Trimethylpentane | 10 | 11.8 | | ppb v/v | | 118 | 68 - 131 |
| Benzene | 10 | 10.8 | | ppb v/v | | 108 | 73 - 119 |
| 1,2-Dichloroethane | 10 | 11.5 | | ppb v/v | | 115 | 68 - 135 |
| n-Heptane | 10 | 12.3 | | ppb v/v | | 123 | 60 - 142 |
| Trichloroethene | 10 | 10.5 | | ppb v/v | | 105 | 73 - 122 |
| Methyl methacrylate | 10 | 11.6 | | ppb v/v | | 116 | 73 - 129 |
| 1,2-Dichloropropane | 10 | 11.3 | | ppb v/v | | 113 | 69 - 128 |
| 1,4-Dioxane | 10 | 12.1 | | ppb v/v | | 121 | 66 - 129 |
| Bromodichloromethane | 10 | 11.0 | | ppb v/v | | 110 | 75 - 127 |
| cis-1,3-Dichloropropene | 10 | 11.4 | | ppb v/v | | 114 | 74 - 125 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 10 | 12.2 | | ppb v/v | | 122 | 58 - 144 |
| Toluene | 10 | 11.4 | | ppb v/v | | 114 | 75 - 122 |
| trans-1,3-Dichloropropene | 10 | 11.7 | | ppb v/v | | 117 | 74 - 128 |
| 1,1,2-Trichloroethane | 10 | 10.9 | | ppb v/v | | 109 | 75 - 126 |
| Tetrachloroethene | 10 | 10.4 | | ppb v/v | | 104 | 70 - 125 |
| Methyl Butyl Ketone (2-Hexanone) | 10 | 12.5 | | ppb v/v | | 125 | 57 - 143 |
| Dibromochloromethane | 10 | 10.4 | | ppb v/v | | 104 | 73 - 125 |
| 1,2-Dibromoethane | 10 | 11.0 | | ppb v/v | | 110 | 78 - 122 |
| Chlorobenzene | 10 | 10.5 | | ppb v/v | | 105 | 76 - 119 |
| Ethylbenzene | 10 | 11.4 | | ppb v/v | | 114 | 74 - 122 |
| m,p-Xylene | 20 | 23.0 | | ppb v/v | | 115 | 76 - 121 |
| o-Xylene | 10 | 11.6 | | ppb v/v | | 116 | 73 - 123 |
| Styrene | 10 | 11.9 | | ppb v/v | | 119 | 74 - 125 |
| Bromoform | 10 | 8.69 | | ppb v/v | | 87 | 53 - 149 |
| Cumene | 10 | 11.9 | | ppb v/v | | 119 | 73 - 123 |
| 1,1,2,2-Tetrachloroethane | 10 | 11.0 | | ppb v/v | | 110 | 74 - 126 |
| n-Propylbenzene | 10 | 11.7 | | ppb v/v | | 117 | 73 - 127 |
| 4-Ethyltoluene | 10 | 11.8 | | ppb v/v | | 118 | 75 - 129 |
| 1,3,5-Trimethylbenzene | 10 | 11.5 | | ppb v/v | | 115 | 72 - 126 |

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

**Lab Sample ID: LCS 200-213497/3**
**Matrix: Air**
**Analysis Batch: 213497**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 2-Chlorotoluene | 10 | 11.4 | | ppb v/v | | 114 | 74 - 126 |
| tert-Butylbenzene | 10 | 11.5 | | ppb v/v | | 115 | 71 - 125 |
| 1,2,4-Trimethylbenzene | 10 | 11.8 | | ppb v/v | | 118 | 71 - 129 |
| sec-Butylbenzene | 10 | 11.6 | | ppb v/v | | 116 | 70 - 128 |
| 4-Isopropyltoluene | 10 | 11.7 | | ppb v/v | | 117 | 68 - 130 |
| 1,3-Dichlorobenzene | 10 | 10.7 | | ppb v/v | | 107 | 69 - 131 |
| 1,4-Dichlorobenzene | 10 | 10.7 | | ppb v/v | | 107 | 67 - 132 |
| Benzyl chloride | 10 | 11.9 | | ppb v/v | | 120 | 60 - 136 |
| n-Butylbenzene | 10 | 12.2 | | ppb v/v | | 122 | 65 - 137 |
| 1,2-Dichlorobenzene | 10 | 10.6 | | ppb v/v | | 106 | 68 - 129 |
| 1,2,4-Trichlorobenzene | 10 | 13.3 | | ppb v/v | | 133 | 50 - 150 |
| Hexachlorobutadiene | 10 | 11.5 | | ppb v/v | | 115 | 58 - 130 |
| Naphthalene | 10 | 13.5 | | ppb v/v | | 135 | 50 - 150 |

# QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Air - GC/MS VOA

### Analysis Batch: 213497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 200-76885-1 | RX-21-01 | Total/NA | Air | TO-15 | |
| 200-76885-1 - DL | RX-21-01 | Total/NA | Air | TO-15 | |
| 200-76885-2 | DUP_02052025 | Total/NA | Air | TO-15 | |
| 200-76885-2 - DL | DUP_02052025 | Total/NA | Air | TO-15 | |
| 200-76885-3 | RX-18-01 | Total/NA | Air | TO-15 | |
| MB 200-213497/5 | Method Blank | Total/NA | Air | TO-15 | |
| LCS 200-213497/3 | Lab Control Sample | Total/NA | Air | TO-15 | |

# Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Client Sample ID: RX-21-01
**Lab Sample ID: 200-76885-1**
**Date Collected: 02/05/25 11:17**
**Matrix: Air**
**Date Received: 02/06/25 10:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO-15 | | 1 | 213497 | A1B | EET BUR | 02/10/25 16:10 |
| Total/NA | Analysis | TO-15 | DL | 4 | 213497 | A1B | EET BUR | 02/10/25 17:01 |

## Client Sample ID: DUP_02052025
**Lab Sample ID: 200-76885-2**
**Date Collected: 02/05/25 11:16**
**Matrix: Air**
**Date Received: 02/06/25 10:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO-15 | | 1 | 213497 | A1B | EET BUR | 02/10/25 17:53 |
| Total/NA | Analysis | TO-15 | DL | 2.99 | 213497 | A1B | EET BUR | 02/10/25 18:43 |

## Client Sample ID: RX-18-01
**Lab Sample ID: 200-76885-3**
**Date Collected: 02/05/25 12:02**
**Matrix: Air**
**Date Received: 02/06/25 10:30**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Analysis | TO-15 | | 1 | 213497 | A1B | EET BUR | 02/10/25 19:34 |

**Laboratory References:**

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

# Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

## Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| New York | NELAP | 10391 | 03-31-25 |

The following analytes are included in this report, but the laboratory is not certified by New York NELAP 10391. This list may include analytes for which the agency does not offer certification:

| Analysis Method | Prep Method | Matrix | Analyte |
|---|---|---|---|
| TO-15 | | Air | 4-Ethyltoluene |
| TO-15 | | Air | 4-Isopropyltoluene |
| TO-15 | | Air | Chlorodifluoromethane |
| TO-15 | | Air | Methyl Butyl Ketone (2-Hexanone) |
| TO-15 | | Air | n-Butane |
| TO-15 | | Air | n-Butylbenzene |
| TO-15 | | Air | n-Propylbenzene |
| TO-15 | | Air | sec-Butylbenzene |
| TO-15 | | Air | tert-Butylbenzene |
| TO-15 | | Air | Tetrahydrofuran |

# Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Method | Method Description | Protocol | Laboratory |
|---|---|---|---|
| TO-15 | Volatile Organic Compounds in Ambient Air | EPA | EET BUR |

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

# Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 200-76885-1
Project/Site: 2014 Fulton Avenue, Brooklyn (Senior Building)

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | Asset ID |
|---|---|---|---|---|---|
| 200-76885-1 | RX-21-01 | Air | 02/05/25 11:17 | 02/06/25 10:30 | Air Canister (6-Liter) #3712 |
| 200-76885-2 | DUP_02052025 | Air | 02/05/25 11:16 | 02/06/25 10:30 | Air Canister (6-Liter) #4476 |
| 200-76885-3 | RX-18-01 | Air | 02/05/25 12:02 | 02/06/25 10:30 | Air Canister (6-Liter) #5413 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 212624

Lab Sample ID: IC 200-212624/5 Client Sample ID:

Date Analyzed: 01/07/25 19:13 Lab File ID: 63614-05.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Carbon disulfide | 8.46 | Assign Peak | YWL8 | 01/08/25 14:53 |
| trans-1,2-Dichloroethene | 9.67 | Assign Peak | YWL8 | 01/08/25 14:53 |
| 3-Chloropropene | | Invalid Compound ID | YWL8 | 01/08/25 14:53 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | | Invalid Compound ID | YWL8 | 01/09/25 07:38 |
| Chlorodifluoromethane | | Invalid Compound ID | YWL8 | 01/08/25 14:52 |
| Chloroethane | | Invalid Compound ID | YWL8 | 01/08/25 14:52 |
| cis-1,3-Dichloropropene | | Invalid Compound ID | YWL8 | 01/08/25 14:54 |
| Ethanol | | Invalid Compound ID | YWL8 | 01/08/25 14:53 |
| n-Butanol | | Invalid Compound ID | YWL8 | 01/08/25 14:54 |
| n-Hexane | | Invalid Compound ID | YWL8 | 01/08/25 14:53 |
| n-Pentane | | Invalid Compound ID | YWL8 | 01/08/25 14:52 |
| Tetrahydrofuran | | Invalid Compound ID | YWL8 | 01/08/25 14:54 |
| trans-1,3-Dichloropropene | | Invalid Compound ID | YWL8 | 01/08/25 14:54 |
| 2,2,4-Trimethylpentane | 13.64 | Assign Peak | YWL8 | 01/08/25 14:54 |
| Trichloroethene | 14.67 | Assign Peak | YWL8 | 01/08/25 14:54 |
| 1,2-Dichloropropane | 15.14 | Assign Peak | YWL8 | 01/08/25 14:54 |
| 1,1,2-Trichloroethane | 17.95 | Assign Peak | YWL8 | 01/08/25 14:54 |
| Dibromochloromethane | 18.73 | Assign Peak | YWL8 | 01/08/25 14:54 |
| m,p-Xylene | 20.40 | Assign Peak | YWL8 | 01/08/25 14:55 |

Lab Sample ID: IC 200-212624/19 Client Sample ID:

Date Analyzed: 01/08/25 07:06 Lab File ID: 63614-19.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| 3-Chloropropene | 8.80 | Baseline | BKZ7 | 01/08/25 09:37 |
| n-Butanol | | Invalid Compound ID | BKZ7 | 01/08/25 09:36 |
| Methyl Butyl Ketone (2-Hexanone) | 18.38 | Baseline | BKZ7 | 01/08/25 09:36 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 212624

Lab Sample ID: IC 200-212624/25 Client Sample ID:

Date Analyzed: 01/08/25 12:11 Lab File ID: 63614-25.D GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| n-Pentane | 6.96 | Baseline | BKZ7 | 01/08/25 12:51 |
| Acrylonitrile | 9.59 | Baseline | BKZ7 | 01/08/25 12:51 |
| Ethyl acetate | 11.82 | Assign Peak | YWL8 | 01/09/25 08:11 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 16.74 | Baseline | BKZ7 | 01/08/25 12:51 |
| Methyl Butyl Ketone (2-Hexanone) | 18.37 | Baseline | BKZ7 | 01/08/25 12:51 |
| 1,3,5-Trimethylbenzene | 22.66 | Baseline | BKZ7 | 01/08/25 12:50 |
| n-Dodecane | 26.13 | Baseline | BKZ7 | 01/08/25 12:50 |

# AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 213497

Lab Sample ID: MB 200-213497/5 Client Sample ID:

Date Analyzed: 02/10/25 10:46 Lab File ID: 63948-05.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Ethylbenzene | | Invalid Compound ID | F7XK | 02/11/25 08:20 |

Lab Sample ID: 200-76885-1 Client Sample ID: RX-21-01

Date Analyzed: 02/10/25 16:10 Lab File ID: 63948-11.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Chloromethane | 4.62 | Assign Peak | F7XK | 02/11/25 08:52 |
| Isopropyl alcohol | 8.43 | Assign Peak | F7XK | 02/11/25 08:58 |
| 1,1,2,2-Tetrachloroethane | | Invalid Compound ID | F7XK | 02/11/25 09:04 |
| 1,1-Dichloroethane | | Assign Peak | F7XK | 02/11/25 08:59 |
| Bromodichloromethane | | Invalid Compound ID | F7XK | 02/11/25 09:02 |
| Cumene | | Invalid Compound ID | F7XK | 02/11/25 09:04 |
| Methyl methacrylate | | Invalid Compound ID | F7XK | 02/11/25 09:02 |
| Styrene | | Assign Peak | F7XK | 02/11/25 09:04 |
| Cyclohexane | 12.88 | Assign Peak | F7XK | 02/11/25 09:01 |
| 2,2,4-Trimethylpentane | 13.63 | Assign Peak | F7XK | 02/11/25 09:01 |
| 1,1,2-Trichloroethane | 17.97 | Assign Peak | F7XK | 02/11/25 09:03 |
| Methyl Butyl Ketone (2-Hexanone) | 18.36 | Assign Peak | F7XK | 02/11/25 09:03 |
| n-Propylbenzene | 22.39 | Assign Peak | F7XK | 02/11/25 09:05 |
| 1,2,4-Trimethylbenzene | 23.20 | Assign Peak | F7XK | 02/11/25 09:05 |
| 4-Isopropyltoluene | 23.64 | Assign Peak | F7XK | 02/11/25 09:05 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 213497

Lab Sample ID: 200-76885-2 Client Sample ID: DUP_02052025

Date Analyzed: 02/10/25 17:53 Lab File ID: 63948-13.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Isopropyl alcohol | 8.43 | Assign Peak | F7XK | 02/11/25 09:15 |
| 1,1-Dichloroethane | | Invalid Compound ID | F7XK | 02/11/25 09:16 |
| 1,2-Dichlorotetrafluoroethane | | Assign Peak | F7XK | 02/11/25 09:14 |
| 2,2,4-Trimethylpentane | | Assign Peak | F7XK | 02/11/25 09:18 |
| Bromodichloromethane | | Invalid Compound ID | F7XK | 02/11/25 09:18 |
| Cumene | | Invalid Compound ID | F7XK | 02/11/25 09:19 |
| Cyclohexane | | Assign Peak | F7XK | 02/11/25 09:17 |
| Methyl methacrylate | | Invalid Compound ID | F7XK | 02/11/25 09:18 |
| Methyl tert-butyl ether | | Invalid Compound ID | F7XK | 02/11/25 09:16 |
| Styrene | | Assign Peak | F7XK | 02/11/25 09:19 |
| n-Propylbenzene | 22.39 | Assign Peak | F7XK | 02/11/25 09:20 |
| 1,2,4-Trimethylbenzene | 23.19 | Assign Peak | F7XK | 02/11/25 09:20 |
| 4-Isopropyltoluene | 23.65 | Assign Peak | F7XK | 02/11/25 09:20 |

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Analysis Batch Number: 213497

Lab Sample ID: 200-76885-3 Client Sample ID: RX-18-01

Date Analyzed: 02/10/25 19:34 Lab File ID: 63948-15.d GC Column: RTX-624 ID: 0.32(mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---|---|---|---|---|
| | | REASON | ANALYST | DATE |
| Isopropyl alcohol | 8.42 | Assign Peak | F7XK | 02/11/25 10:08 |
| Methyl tert-butyl ether | 9.69 | Assign Peak | F7XK | 02/11/25 10:09 |
| 1,1,2-Trichloroethane | | Assign Peak | F7XK | 02/11/25 10:10 |
| 1,2-Dichlorotetrafluoroethane | | Assign Peak | F7XK | 02/11/25 10:07 |
| Methyl methacrylate | | Invalid Compound ID | F7XK | 02/11/25 10:10 |
| Styrene | | Assign Peak | F7XK | 02/11/25 10:11 |
| n-Heptane | 13.96 | Assign Peak | F7XK | 02/11/25 10:10 |
| Methyl Butyl Ketone (2-Hexanone) | 18.36 | Assign Peak | F7XK | 02/11/25 10:11 |
| Cumene | 21.74 | Assign Peak | F7XK | 02/11/25 10:12 |
| n-Propylbenzene | 22.39 | Assign Peak | F7XK | 02/11/25 10:13 |
| 1,2,4-Trimethylbenzene | 23.20 | Assign Peak | F7XK | 02/11/25 10:13 |
| 4-Isopropyltoluene | 23.64 | Assign Peak | F7XK | 02/11/25 10:14 |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **ATTO15CAL1w_00273** | 03/13/25 | 12/16/24 | Nitrogen, Lot 12 | 15.463 L | ATTO15CAL6w_00239 | 155 mL | 1,1,1-Trichloroethane | 0.20044 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 0.20044 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 0.20044 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 0.20044 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 0.20044 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 0.20044 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 0.233512 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 0.20044 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 0.235116 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 0.20044 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 0.20044 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 0.20044 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 0.20044 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 0.20044 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 0.20044 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 0.20044 ppb v/v |
| | | | | | | | 1,3-Butadiene | 0.20044 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 0.20044 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 0.20044 ppb v/v |
| | | | | | | | 1,4-Dioxane | 0.20044 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 0.20044 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 0.20044 ppb v/v |
| | | | | | | | 2-Methylbutane | 0.20044 ppb v/v |
| | | | | | | | 3-Chloropropene | 0.20044 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 0.20044 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Isopropyltoluene | 0.20044 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 0.20044 ppb v/v |
| | | | | | | | Acetone | 0.20044 ppb v/v |
| | | | | | | | Acetonitrile | 0.20044 ppb v/v |
| | | | | | | | Acrolein | 0.234715 ppb v/v |
| | | | | | | | Acrylonitrile | 0.20044 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 0.20044 ppb v/v |
| | | | | | | | Benzene | 0.20044 ppb v/v |
| | | | | | | | Benzyl chloride | 0.20044 ppb v/v |
| | | | | | | | Bromodichloromethane | 0.20044 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 0.20044 ppb v/v |
| | | | | | | | Bromoform | 0.20044 ppb v/v |
| | | | | | | | Bromomethane | 0.20044 ppb v/v |
| | | | | | | | Carbon disulfide | 0.20044 ppb v/v |
| | | | | | | | Carbon tetrachloride | 0.20044 ppb v/v |
| | | | | | | | Chlorobenzene | 0.20044 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 0.20044 ppb v/v |
| | | | | | | | Chloroethane | 0.20044 ppb v/v |
| | | | | | | | Chloroform | 0.20044 ppb v/v |
| | | | | | | | Chloromethane | 0.20044 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 0.20044 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 0.20044 ppb v/v |
| | | | | | | | Cumene | 0.20044 ppb v/v |
| | | | | | | | Cyclohexane | 0.20044 ppb v/v |
| | | | | | | | Dibromochloromethane | 0.20044 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibromomethane | 0.20044 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 0.20044 ppb v/v |
| | | | | | | | Dodecane | 0.20044 ppb v/v |
| | | | | | | | Ethyl acetate | 0.20044 ppb v/v |
| | | | | | | | Ethyl ether | 0.20044 ppb v/v |
| | | | | | | | Ethylbenzene | 0.20044 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 0.225294 ppb v/v |
| | | | | | | | Isopropyl alcohol | 0.23231 ppb v/v |
| | | | | | | | m,p-Xylene | 0.400879 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 0.20044 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 0.20044 ppb v/v |
| | | | | | | | Methyl methacrylate | 0.20044 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 0.20044 ppb v/v |
| | | | | | | | Methylene Chloride | 0.20044 ppb v/v |
| | | | | | | | n-Butane | 0.20044 ppb v/v |
| | | | | | | | n-Butanol | 0.20044 ppb v/v |
| | | | | | | | n-Butylbenzene | 0.20044 ppb v/v |
| | | | | | | | n-Decane | 0.20044 ppb v/v |
| | | | | | | | n-Heptane | 0.20044 ppb v/v |
| | | | | | | | n-Hexane | 0.20044 ppb v/v |
| | | | | | | | n-Nonane | 0.20044 ppb v/v |
| | | | | | | | n-Octane | 0.20044 ppb v/v |
| | | | | | | | n-Propylbenzene | 0.20044 ppb v/v |
| | | | | | | | Naphthalene | 0.238323 ppb v/v |
| | | | | | | | o-Xylene | 0.20044 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentane | 0.20044 ppb v/v |
| | | | | | | | Propene | 0.20044 ppb v/v |
| | | | | | | | sec-Butylbenzene | 0.20044 ppb v/v |
| | | | | | | | Styrene | 0.20044 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 0.20044 ppb v/v |
| | | | | | | | tert-Butylbenzene | 0.20044 ppb v/v |
| | | | | | | | Tetrachloroethene | 0.20044 ppb v/v |
| | | | | | | | Tetrahydrofuran | 0.20044 ppb v/v |
| | | | | | | | Toluene | 0.20044 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 0.20044 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 0.20044 ppb v/v |
| | | | | | | | Trichloroethene | 0.20044 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 0.20044 ppb v/v |
| | | | | | | | Undecane | 0.20044 ppb v/v |
| | | | | | | | Vinyl acetate | 0.228301 ppb v/v |
| | | | | | | | Vinyl chloride | 0.20044 ppb v/v |
| | | | | | | | Ethanol | 0.400944 ppb v/v |
| .ATTO15CAL6w_00239 | 03/13/25 | 12/16/24 | Nitrogen, Lot 1 | 15.463 L | ATTO15CALSTKi_00189 | 1546 mL | 1,1,1-Trichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 23.2955 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 19.9961 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,4-Trichlorobenzene | 23.4554 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 19.9961 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 19.9961 ppb v/v |
| | | | | | | | 1,3-Butadiene | 19.9961 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,4-Dioxane | 19.9961 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 19.9961 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 19.9961 ppb v/v |
| | | | | | | | 2-Methylbutane | 19.9961 ppb v/v |
| | | | | | | | 3-Chloropropene | 19.9961 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 19.9961 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 19.9961 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 19.9961 ppb v/v |
| | | | | | | | Acetone | 19.9961 ppb v/v |
| | | | | | | | Acetonitrile | 19.9961 ppb v/v |
| | | | | | | | Acrolein | 23.4155 ppb v/v |
| | | | | | | | Acrylonitrile | 19.9961 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 19.9961 ppb v/v |
| | | | | | | | Benzene | 19.9961 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl chloride | 19.9961 ppb v/v |
| | | | | | | | Bromodichloromethane | 19.9961 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 19.9961 ppb v/v |
| | | | | | | | Bromoform | 19.9961 ppb v/v |
| | | | | | | | Bromomethane | 19.9961 ppb v/v |
| | | | | | | | Carbon disulfide | 19.9961 ppb v/v |
| | | | | | | | Carbon tetrachloride | 19.9961 ppb v/v |
| | | | | | | | Chlorobenzene | 19.9961 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 19.9961 ppb v/v |
| | | | | | | | Chloroethane | 19.9961 ppb v/v |
| | | | | | | | Chloroform | 19.9961 ppb v/v |
| | | | | | | | Chloromethane | 19.9961 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 19.9961 ppb v/v |
| | | | | | | | Cumene | 19.9961 ppb v/v |
| | | | | | | | Cyclohexane | 19.9961 ppb v/v |
| | | | | | | | Dibromochloromethane | 19.9961 ppb v/v |
| | | | | | | | Dibromomethane | 19.9961 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 19.9961 ppb v/v |
| | | | | | | | Dodecane | 19.9961 ppb v/v |
| | | | | | | | Ethyl acetate | 19.9961 ppb v/v |
| | | | | | | | Ethyl ether | 19.9961 ppb v/v |
| | | | | | | | Ethylbenzene | 19.9961 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 22.4756 ppb v/v |
| | | | | | | | Isopropyl alcohol | 23.1755 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | m,p-Xylene | 39.9922 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 19.9961 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 19.9961 ppb v/v |
| | | | | | | | Methyl methacrylate | 19.9961 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 19.9961 ppb v/v |
| | | | | | | | Methylene Chloride | 19.9961 ppb v/v |
| | | | | | | | n-Butane | 19.9961 ppb v/v |
| | | | | | | | n-Butanol | 19.9961 ppb v/v |
| | | | | | | | n-Butylbenzene | 19.9961 ppb v/v |
| | | | | | | | n-Decane | 19.9961 ppb v/v |
| | | | | | | | n-Heptane | 19.9961 ppb v/v |
| | | | | | | | n-Hexane | 19.9961 ppb v/v |
| | | | | | | | n-Nonane | 19.9961 ppb v/v |
| | | | | | | | n-Octane | 19.9961 ppb v/v |
| | | | | | | | n-Propylbenzene | 19.9961 ppb v/v |
| | | | | | | | Naphthalene | 23.7754 ppb v/v |
| | | | | | | | o-Xylene | 19.9961 ppb v/v |
| | | | | | | | Pentane | 19.9961 ppb v/v |
| | | | | | | | Propene | 19.9961 ppb v/v |
| | | | | | | | sec-Butylbenzene | 19.9961 ppb v/v |
| | | | | | | | Styrene | 19.9961 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 19.9961 ppb v/v |
| | | | | | | | tert-Butylbenzene | 19.9961 ppb v/v |
| | | | | | | | Tetrachloroethene | 19.9961 ppb v/v |
| | | | | | | | Tetrahydrofuran | 19.9961 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toluene | 19.9961 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 19.9961 ppb v/v |
| | | | | | | | Trichloroethene | 19.9961 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 19.9961 ppb v/v |
| | | | | | | | Undecane | 19.9961 ppb v/v |
| | | | | | | | Vinyl acetate | 22.7756 ppb v/v |
| | | | | | | | Vinyl chloride | 19.9961 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 1237 mL | Ethanol | 39.9987 ppb v/v |
| ..ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ...ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| ..ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ...1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |
| **ATTO15CAL3w_00283** | 03/13/25 | 12/16/24 | Nitrogen, Lot 12 | 15.463 L | ATTO15CALSTKi_00189 | 386 mL | 1,1,1-Trichloroethane | 4.99256 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 4.99256 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 4.99256 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 4.99256 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 4.99256 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 4.99256 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 5.81634 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 4.99256 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 5.85628 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 4.99256 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 4.99256 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 4.99256 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 4.99256 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 4.99256 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 4.99256 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 4.99256 ppb v/v |
| | | | | | | | 1,3-Butadiene | 4.99256 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 4.99256 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 4.99256 ppb v/v |
| | | | | | | | 1,4-Dioxane | 4.99256 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 4.99256 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 4.99256 ppb v/v |
| | | | | | | | 2-Methylbutane | 4.99256 ppb v/v |
| | | | | | | | 3-Chloropropene | 4.99256 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 4.99256 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 4.99256 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 4.99256 ppb v/v |
| | | | | | | | Acetone | 4.99256 ppb v/v |
| | | | | | | | Acetonitrile | 4.99256 ppb v/v |
| | | | | | | | Acrolein | 5.84629 ppb v/v |
| | | | | | | | Acrylonitrile | 4.99256 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 4.99256 ppb v/v |
| | | | | | | | Benzene | 4.99256 ppb v/v |
| | | | | | | | Benzyl chloride | 4.99256 ppb v/v |
| | | | | | | | Bromodichloromethane | 4.99256 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 4.99256 ppb v/v |
| | | | | | | | Bromoform | 4.99256 ppb v/v |
| | | | | | | | Bromomethane | 4.99256 ppb v/v |
| | | | | | | | Carbon disulfide | 4.99256 ppb v/v |
| | | | | | | | Carbon tetrachloride | 4.99256 ppb v/v |
| | | | | | | | Chlorobenzene | 4.99256 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 4.99256 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chloroethane | 4.99256 ppb v/v |
| | | | | | | | Chloroform | 4.99256 ppb v/v |
| | | | | | | | Chloromethane | 4.99256 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 4.99256 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 4.99256 ppb v/v |
| | | | | | | | Cumene | 4.99256 ppb v/v |
| | | | | | | | Cyclohexane | 4.99256 ppb v/v |
| | | | | | | | Dibromochloromethane | 4.99256 ppb v/v |
| | | | | | | | Dibromomethane | 4.99256 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 4.99256 ppb v/v |
| | | | | | | | Dodecane | 4.99256 ppb v/v |
| | | | | | | | Ethyl acetate | 4.99256 ppb v/v |
| | | | | | | | Ethyl ether | 4.99256 ppb v/v |
| | | | | | | | Ethylbenzene | 4.99256 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 5.61164 ppb v/v |
| | | | | | | | Isopropyl alcohol | 5.78638 ppb v/v |
| | | | | | | | m,p-Xylene | 9.98513 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 4.99256 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 4.99256 ppb v/v |
| | | | | | | | Methyl methacrylate | 4.99256 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 4.99256 ppb v/v |
| | | | | | | | Methylene Chloride | 4.99256 ppb v/v |
| | | | | | | | n-Butane | 4.99256 ppb v/v |
| | | | | | | | n-Butanol | 4.99256 ppb v/v |
| | | | | | | | n-Butylbenzene | 4.99256 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Decane | 4.99256 ppb v/v |
| | | | | | | | n-Heptane | 4.99256 ppb v/v |
| | | | | | | | n-Hexane | 4.99256 ppb v/v |
| | | | | | | | n-Nonane | 4.99256 ppb v/v |
| | | | | | | | n-Octane | 4.99256 ppb v/v |
| | | | | | | | n-Propylbenzene | 4.99256 ppb v/v |
| | | | | | | | Naphthalene | 5.93616 ppb v/v |
| | | | | | | | o-Xylene | 4.99256 ppb v/v |
| | | | | | | | Pentane | 4.99256 ppb v/v |
| | | | | | | | Propene | 4.99256 ppb v/v |
| | | | | | | | sec-Butylbenzene | 4.99256 ppb v/v |
| | | | | | | | Styrene | 4.99256 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 4.99256 ppb v/v |
| | | | | | | | tert-Butylbenzene | 4.99256 ppb v/v |
| | | | | | | | Tetrachloroethene | 4.99256 ppb v/v |
| | | | | | | | Tetrahydrofuran | 4.99256 ppb v/v |
| | | | | | | | Toluene | 4.99256 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 4.99256 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 4.99256 ppb v/v |
| | | | | | | | Trichloroethene | 4.99256 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 4.99256 ppb v/v |
| | | | | | | | Undecane | 4.99256 ppb v/v |
| | | | | | | | Vinyl acetate | 5.68653 ppb v/v |
| | | | | | | | Vinyl chloride | 4.99256 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 309 mL | Ethanol | 9.99159 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| .ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ..1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **ATTO15CAL4w_00831** | 03/13/25 | 12/16/24 | Nitrogen, Lot 12 | 15.463 L | ATTO15CALSTKi_00189 | 773 mL | 1,1,1-Trichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 11.6477 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 9.99806 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 11.7277 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 9.99806 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 9.99806 ppb v/v |
| | | | | | | | 1,3-Butadiene | 9.99806 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,4-Dioxane | 9.99806 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 9.99806 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 9.99806 ppb v/v |
| | | | | | | | 2-Methylbutane | 9.99806 ppb v/v |
| | | | | | | | 3-Chloropropene | 9.99806 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 9.99806 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Isopropyltoluene | 9.99806 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 9.99806 ppb v/v |
| | | | | | | | Acetone | 9.99806 ppb v/v |
| | | | | | | | Acetonitrile | 9.99806 ppb v/v |
| | | | | | | | Acrolein | 11.7077 ppb v/v |
| | | | | | | | Acrylonitrile | 9.99806 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 9.99806 ppb v/v |
| | | | | | | | Benzene | 9.99806 ppb v/v |
| | | | | | | | Benzyl chloride | 9.99806 ppb v/v |
| | | | | | | | Bromodichloromethane | 9.99806 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 9.99806 ppb v/v |
| | | | | | | | Bromoform | 9.99806 ppb v/v |
| | | | | | | | Bromomethane | 9.99806 ppb v/v |
| | | | | | | | Carbon disulfide | 9.99806 ppb v/v |
| | | | | | | | Carbon tetrachloride | 9.99806 ppb v/v |
| | | | | | | | Chlorobenzene | 9.99806 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 9.99806 ppb v/v |
| | | | | | | | Chloroethane | 9.99806 ppb v/v |
| | | | | | | | Chloroform | 9.99806 ppb v/v |
| | | | | | | | Chloromethane | 9.99806 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 9.99806 ppb v/v |
| | | | | | | | Cumene | 9.99806 ppb v/v |
| | | | | | | | Cyclohexane | 9.99806 ppb v/v |
| | | | | | | | Dibromochloromethane | 9.99806 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibromomethane | 9.99806 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 9.99806 ppb v/v |
| | | | | | | | Dodecane | 9.99806 ppb v/v |
| | | | | | | | Ethyl acetate | 9.99806 ppb v/v |
| | | | | | | | Ethyl ether | 9.99806 ppb v/v |
| | | | | | | | Ethylbenzene | 9.99806 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 11.2378 ppb v/v |
| | | | | | | | Isopropyl alcohol | 11.5878 ppb v/v |
| | | | | | | | m,p-Xylene | 19.9961 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 9.99806 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 9.99806 ppb v/v |
| | | | | | | | Methyl methacrylate | 9.99806 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 9.99806 ppb v/v |
| | | | | | | | Methylene Chloride | 9.99806 ppb v/v |
| | | | | | | | n-Butane | 9.99806 ppb v/v |
| | | | | | | | n-Butanol | 9.99806 ppb v/v |
| | | | | | | | n-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | n-Decane | 9.99806 ppb v/v |
| | | | | | | | n-Heptane | 9.99806 ppb v/v |
| | | | | | | | n-Hexane | 9.99806 ppb v/v |
| | | | | | | | n-Nonane | 9.99806 ppb v/v |
| | | | | | | | n-Octane | 9.99806 ppb v/v |
| | | | | | | | n-Propylbenzene | 9.99806 ppb v/v |
| | | | | | | | Naphthalene | 11.8877 ppb v/v |
| | | | | | | | o-Xylene | 9.99806 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentane | 9.99806 ppb v/v |
| | | | | | | | Propene | 9.99806 ppb v/v |
| | | | | | | | sec-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | Styrene | 9.99806 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 9.99806 ppb v/v |
| | | | | | | | tert-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | Tetrachloroethene | 9.99806 ppb v/v |
| | | | | | | | Tetrahydrofuran | 9.99806 ppb v/v |
| | | | | | | | Toluene | 9.99806 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 9.99806 ppb v/v |
| | | | | | | | Trichloroethene | 9.99806 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 9.99806 ppb v/v |
| | | | | | | | Undecane | 9.99806 ppb v/v |
| | | | | | | | Vinyl acetate | 11.3878 ppb v/v |
| | | | | | | | Vinyl chloride | 9.99806 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 464 mL | Ethanol | 15.0036 ppb v/v |
| .ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| .ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ..1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |
| **ATTO15CAL5w_00150** | 03/13/25 | 12/16/24 | Nitrogen, Lot 12 | 15.463 L | ATTO15CALSTKi_00189 | 1160 mL | 1,1,1-Trichloroethane | 15.0036 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 15.0036 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 15.0036 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 15.0036 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 15.0036 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 15.0036 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 17.4791 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 15.0036 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2,4-Trichlorobenzene | 17.5992 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 15.0036 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 15.0036 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 15.0036 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 15.0036 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 15.0036 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 15.0036 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 15.0036 ppb v/v |
| | | | | | | | 1,3-Butadiene | 15.0036 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 15.0036 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 15.0036 ppb v/v |
| | | | | | | | 1,4-Dioxane | 15.0036 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 15.0036 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 15.0036 ppb v/v |
| | | | | | | | 2-Methylbutane | 15.0036 ppb v/v |
| | | | | | | | 3-Chloropropene | 15.0036 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 15.0036 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 15.0036 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 15.0036 ppb v/v |
| | | | | | | | Acetone | 15.0036 ppb v/v |
| | | | | | | | Acetonitrile | 15.0036 ppb v/v |
| | | | | | | | Acrolein | 17.5692 ppb v/v |
| | | | | | | | Acrylonitrile | 15.0036 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 15.0036 ppb v/v |
| | | | | | | | Benzene | 15.0036 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzyl chloride | 15.0036 ppb v/v |
| | | | | | | | Bromodichloromethane | 15.0036 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 15.0036 ppb v/v |
| | | | | | | | Bromoform | 15.0036 ppb v/v |
| | | | | | | | Bromomethane | 15.0036 ppb v/v |
| | | | | | | | Carbon disulfide | 15.0036 ppb v/v |
| | | | | | | | Carbon tetrachloride | 15.0036 ppb v/v |
| | | | | | | | Chlorobenzene | 15.0036 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 15.0036 ppb v/v |
| | | | | | | | Chloroethane | 15.0036 ppb v/v |
| | | | | | | | Chloroform | 15.0036 ppb v/v |
| | | | | | | | Chloromethane | 15.0036 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 15.0036 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 15.0036 ppb v/v |
| | | | | | | | Cumene | 15.0036 ppb v/v |
| | | | | | | | Cyclohexane | 15.0036 ppb v/v |
| | | | | | | | Dibromochloromethane | 15.0036 ppb v/v |
| | | | | | | | Dibromomethane | 15.0036 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 15.0036 ppb v/v |
| | | | | | | | Dodecane | 15.0036 ppb v/v |
| | | | | | | | Ethyl acetate | 15.0036 ppb v/v |
| | | | | | | | Ethyl ether | 15.0036 ppb v/v |
| | | | | | | | Ethylbenzene | 15.0036 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 16.864 ppb v/v |
| | | | | | | | Isopropyl alcohol | 17.3891 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | m,p-Xylene | 30.0071 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 15.0036 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 15.0036 ppb v/v |
| | | | | | | | Methyl methacrylate | 15.0036 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 15.0036 ppb v/v |
| | | | | | | | Methylene Chloride | 15.0036 ppb v/v |
| | | | | | | | n-Butane | 15.0036 ppb v/v |
| | | | | | | | n-Butanol | 15.0036 ppb v/v |
| | | | | | | | n-Butylbenzene | 15.0036 ppb v/v |
| | | | | | | | n-Decane | 15.0036 ppb v/v |
| | | | | | | | n-Heptane | 15.0036 ppb v/v |
| | | | | | | | n-Hexane | 15.0036 ppb v/v |
| | | | | | | | n-Nonane | 15.0036 ppb v/v |
| | | | | | | | n-Octane | 15.0036 ppb v/v |
| | | | | | | | n-Propylbenzene | 15.0036 ppb v/v |
| | | | | | | | Naphthalene | 17.8392 ppb v/v |
| | | | | | | | o-Xylene | 15.0036 ppb v/v |
| | | | | | | | Pentane | 15.0036 ppb v/v |
| | | | | | | | Propene | 15.0036 ppb v/v |
| | | | | | | | sec-Butylbenzene | 15.0036 ppb v/v |
| | | | | | | | Styrene | 15.0036 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 15.0036 ppb v/v |
| | | | | | | | tert-Butylbenzene | 15.0036 ppb v/v |
| | | | | | | | Tetrachloroethene | 15.0036 ppb v/v |
| | | | | | | | Tetrahydrofuran | 15.0036 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toluene | 15.0036 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 15.0036 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 15.0036 ppb v/v |
| | | | | | | | Trichloroethene | 15.0036 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 15.0036 ppb v/v |
| | | | | | | | Undecane | 15.0036 ppb v/v |
| | | | | | | | Vinyl acetate | 17.0891 ppb v/v |
| | | | | | | | Vinyl chloride | 15.0036 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 620 mL | Ethanol | 20.0479 ppb v/v |
| .ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| .ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ..1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |
| **ATTO15CAL6w_00239** | 03/13/25 | 12/16/24 | Nitrogen, Lot 1 | 15.463 L | ATTO15CALSTKi_00189 | 1546 mL | 1,1,1-Trichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 23.2955 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 19.9961 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 23.4554 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 19.9961 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 19.9961 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 19.9961 ppb v/v |
| | | | | | | | 1,3-Butadiene | 19.9961 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 19.9961 ppb v/v |
| | | | | | | | 1,4-Dioxane | 19.9961 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 19.9961 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 19.9961 ppb v/v |
| | | | | | | | 2-Methylbutane | 19.9961 ppb v/v |
| | | | | | | | 3-Chloropropene | 19.9961 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 19.9961 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 19.9961 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 19.9961 ppb v/v |
| | | | | | | | Acetone | 19.9961 ppb v/v |
| | | | | | | | Acetonitrile | 19.9961 ppb v/v |
| | | | | | | | Acrolein | 23.4155 ppb v/v |
| | | | | | | | Acrylonitrile | 19.9961 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 19.9961 ppb v/v |
| | | | | | | | Benzene | 19.9961 ppb v/v |
| | | | | | | | Benzyl chloride | 19.9961 ppb v/v |
| | | | | | | | Bromodichloromethane | 19.9961 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 19.9961 ppb v/v |
| | | | | | | | Bromoform | 19.9961 ppb v/v |
| | | | | | | | Bromomethane | 19.9961 ppb v/v |
| | | | | | | | Carbon disulfide | 19.9961 ppb v/v |
| | | | | | | | Carbon tetrachloride | 19.9961 ppb v/v |
| | | | | | | | Chlorobenzene | 19.9961 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 19.9961 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chloroethane | 19.9961 ppb v/v |
| | | | | | | | Chloroform | 19.9961 ppb v/v |
| | | | | | | | Chloromethane | 19.9961 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 19.9961 ppb v/v |
| | | | | | | | Cumene | 19.9961 ppb v/v |
| | | | | | | | Cyclohexane | 19.9961 ppb v/v |
| | | | | | | | Dibromochloromethane | 19.9961 ppb v/v |
| | | | | | | | Dibromomethane | 19.9961 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 19.9961 ppb v/v |
| | | | | | | | Dodecane | 19.9961 ppb v/v |
| | | | | | | | Ethyl acetate | 19.9961 ppb v/v |
| | | | | | | | Ethyl ether | 19.9961 ppb v/v |
| | | | | | | | Ethylbenzene | 19.9961 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 22.4756 ppb v/v |
| | | | | | | | Isopropyl alcohol | 23.1755 ppb v/v |
| | | | | | | | m,p-Xylene | 39.9922 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 19.9961 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 19.9961 ppb v/v |
| | | | | | | | Methyl methacrylate | 19.9961 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 19.9961 ppb v/v |
| | | | | | | | Methylene Chloride | 19.9961 ppb v/v |
| | | | | | | | n-Butane | 19.9961 ppb v/v |
| | | | | | | | n-Butanol | 19.9961 ppb v/v |
| | | | | | | | n-Butylbenzene | 19.9961 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | n-Decane | 19.9961 ppb v/v |
| | | | | | | | n-Heptane | 19.9961 ppb v/v |
| | | | | | | | n-Hexane | 19.9961 ppb v/v |
| | | | | | | | n-Nonane | 19.9961 ppb v/v |
| | | | | | | | n-Octane | 19.9961 ppb v/v |
| | | | | | | | n-Propylbenzene | 19.9961 ppb v/v |
| | | | | | | | Naphthalene | 23.7754 ppb v/v |
| | | | | | | | o-Xylene | 19.9961 ppb v/v |
| | | | | | | | Pentane | 19.9961 ppb v/v |
| | | | | | | | Propene | 19.9961 ppb v/v |
| | | | | | | | sec-Butylbenzene | 19.9961 ppb v/v |
| | | | | | | | Styrene | 19.9961 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 19.9961 ppb v/v |
| | | | | | | | tert-Butylbenzene | 19.9961 ppb v/v |
| | | | | | | | Tetrachloroethene | 19.9961 ppb v/v |
| | | | | | | | Tetrahydrofuran | 19.9961 ppb v/v |
| | | | | | | | Toluene | 19.9961 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 19.9961 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 19.9961 ppb v/v |
| | | | | | | | Trichloroethene | 19.9961 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 19.9961 ppb v/v |
| | | | | | | | Undecane | 19.9961 ppb v/v |
| | | | | | | | Vinyl acetate | 22.7756 ppb v/v |
| | | | | | | | Vinyl chloride | 19.9961 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 1237 mL | Ethanol | 39.9987 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| .ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| .ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ..1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| **ATTO15CAL7w_00150** | 03/13/25 | 12/16/24 | Nitrogen, Lot 12 | 15.463 L | ATTO15CALSTKi_00189 | 3092 mL | 1,1,1-Trichloroethane | 39.9922 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 39.9922 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 39.9922 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 39.9922 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 39.9922 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 39.9922 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 46.591 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 39.9922 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 46.9109 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 39.9922 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 39.9922 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 39.9922 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 39.9922 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 39.9922 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 39.9922 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 39.9922 ppb v/v |
| | | | | | | | 1,3-Butadiene | 39.9922 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 39.9922 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 39.9922 ppb v/v |
| | | | | | | | 1,4-Dioxane | 39.9922 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 39.9922 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 39.9922 ppb v/v |
| | | | | | | | 2-Methylbutane | 39.9922 ppb v/v |
| | | | | | | | 3-Chloropropene | 39.9922 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 39.9922 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Isopropyltoluene | 39.9922 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 39.9922 ppb v/v |
| | | | | | | | Acetone | 39.9922 ppb v/v |
| | | | | | | | Acetonitrile | 39.9922 ppb v/v |
| | | | | | | | Acrolein | 46.8309 ppb v/v |
| | | | | | | | Acrylonitrile | 39.9922 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 39.9922 ppb v/v |
| | | | | | | | Benzene | 39.9922 ppb v/v |
| | | | | | | | Benzyl chloride | 39.9922 ppb v/v |
| | | | | | | | Bromodichloromethane | 39.9922 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 39.9922 ppb v/v |
| | | | | | | | Bromoform | 39.9922 ppb v/v |
| | | | | | | | Bromomethane | 39.9922 ppb v/v |
| | | | | | | | Carbon disulfide | 39.9922 ppb v/v |
| | | | | | | | Carbon tetrachloride | 39.9922 ppb v/v |
| | | | | | | | Chlorobenzene | 39.9922 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 39.9922 ppb v/v |
| | | | | | | | Chloroethane | 39.9922 ppb v/v |
| | | | | | | | Chloroform | 39.9922 ppb v/v |
| | | | | | | | Chloromethane | 39.9922 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 39.9922 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 39.9922 ppb v/v |
| | | | | | | | Cumene | 39.9922 ppb v/v |
| | | | | | | | Cyclohexane | 39.9922 ppb v/v |
| | | | | | | | Dibromochloromethane | 39.9922 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Dibromomethane | 39.9922 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 39.9922 ppb v/v |
| | | | | | | | Dodecane | 39.9922 ppb v/v |
| | | | | | | | Ethyl acetate | 39.9922 ppb v/v |
| | | | | | | | Ethyl ether | 39.9922 ppb v/v |
| | | | | | | | Ethylbenzene | 39.9922 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 44.9513 ppb v/v |
| | | | | | | | Isopropyl alcohol | 46.351 ppb v/v |
| | | | | | | | m,p-Xylene | 79.9845 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 39.9922 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 39.9922 ppb v/v |
| | | | | | | | Methyl methacrylate | 39.9922 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 39.9922 ppb v/v |
| | | | | | | | Methylene Chloride | 39.9922 ppb v/v |
| | | | | | | | n-Butane | 39.9922 ppb v/v |
| | | | | | | | n-Butanol | 39.9922 ppb v/v |
| | | | | | | | n-Butylbenzene | 39.9922 ppb v/v |
| | | | | | | | n-Decane | 39.9922 ppb v/v |
| | | | | | | | n-Heptane | 39.9922 ppb v/v |
| | | | | | | | n-Hexane | 39.9922 ppb v/v |
| | | | | | | | n-Nonane | 39.9922 ppb v/v |
| | | | | | | | n-Octane | 39.9922 ppb v/v |
| | | | | | | | n-Propylbenzene | 39.9922 ppb v/v |
| | | | | | | | Naphthalene | 47.5508 ppb v/v |
| | | | | | | | o-Xylene | 39.9922 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Pentane | 39.9922 ppb v/v |
| | | | | | | | Propene | 39.9922 ppb v/v |
| | | | | | | | sec-Butylbenzene | 39.9922 ppb v/v |
| | | | | | | | Styrene | 39.9922 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 39.9922 ppb v/v |
| | | | | | | | tert-Butylbenzene | 39.9922 ppb v/v |
| | | | | | | | Tetrachloroethene | 39.9922 ppb v/v |
| | | | | | | | Tetrahydrofuran | 39.9922 ppb v/v |
| | | | | | | | Toluene | 39.9922 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 39.9922 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 39.9922 ppb v/v |
| | | | | | | | Trichloroethene | 39.9922 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 39.9922 ppb v/v |
| | | | | | | | Undecane | 39.9922 ppb v/v |
| | | | | | | | Vinyl acetate | 45.5512 ppb v/v |
| | | | | | | | Vinyl chloride | 39.9922 ppb v/v |
| | | | | | ATTO15EthCALw_00176 | 3092 mL | Ethanol | 99.9806 ppb v/v |
| .ATTO15CALSTKi_00189 | 03/16/25 | 12/16/24 | Nitrogen, Lot 13 | 37.5 L | ATTO15CALs_00050 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 233 ppb v/v |
| | | | | | | | 1,2,3-Trichloropropane | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 234.6 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 2-Methylbutane | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Acetonitrile | 200 ppb v/v |
| | | | | | | | Acrolein | 234.2 ppb v/v |
| | | | | | | | Acrylonitrile | 200 ppb v/v |
| | | | | | | | Alpha Methyl Styrene | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dibromomethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Dodecane | 200 ppb v/v |
| | | | | | | | Ethyl acetate | 200 ppb v/v |
| | | | | | | | Ethyl ether | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 224.8 ppb v/v |
| | | | | | | | Isopropyl alcohol | 231.8 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butanol | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Decane | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Nonane | 200 ppb v/v |
| | | | | | | | n-Octane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 237.8 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | Pentane | 200 ppb v/v |
| | | | | | | | Propene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Undecane | 200 ppb v/v |
| | | | | | | | Vinyl acetate | 227.8 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00050 | 03/27/25 | | Linde, Lot CC-524925 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,3-Trichlorobenzene | 1.165 ppm v/v |
| | | | | | | | 1,2,3-Trichloropropane | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1.173 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 2-Methylbutane | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Acetonitrile | 1 ppm v/v |
| | | | | | | | Acrolein | 1.171 ppm v/v |
| | | | | | | | Acrylonitrile | 1 ppm v/v |
| | | | | | | | Alpha Methyl Styrene | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dibromomethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Dodecane | 1 ppm v/v |
| | | | | | | | Ethyl acetate | 1 ppm v/v |
| | | | | | | | Ethyl ether | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1.124 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1.159 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butanol | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Decane | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Nonane | 1 ppm v/v |
| | | | | | | | n-Octane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1.189 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | Pentane | 1 ppm v/v |
| | | | | | | | Propene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Undecane | 1 ppm v/v |
| | | | | | | | Vinyl acetate | 1.139 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| .ATTO15EthCALw_00176 | 03/13/25 | 12/13/24 | Nitrogen, Lot 12 | 37.5 ppb | 1gEthanol_00005 | 18.75 uL | Ethanol | 500 ppb v/v |
| ..1gEthanol_00005 | 08/30/25 | ChemService, Lot 12173500 | | | (Purchased Reagent) | | Ethanol | 1 mL/mL |
| **ATTO15LCSW_00882** | 03/13/25 | 12/16/24 | Nitrogen, Lot 13 | 15.463 L | ATTO15LCSSTKi_00150 | 773 mL | 1,1,1-Trichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 9.99806 ppb v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 1,2-Dibromoethane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 9.99806 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 9.99806 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 9.99806 ppb v/v |
| | | | | | | | 1,3-Butadiene | 9.99806 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 9.99806 ppb v/v |
| | | | | | | | 1,4-Dioxane | 9.99806 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 9.99806 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 9.99806 ppb v/v |
| | | | | | | | 3-Chloropropene | 9.99806 ppb v/v |
| | | | | | | | 4-Ethyltoluene | 9.99806 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 9.99806 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 9.99806 ppb v/v |
| | | | | | | | Acetone | 9.99806 ppb v/v |
| | | | | | | | Benzene | 9.99806 ppb v/v |
| | | | | | | | Benzyl chloride | 9.99806 ppb v/v |
| | | | | | | | Bromodichloromethane | 9.99806 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 9.99806 ppb v/v |
| | | | | | | | Bromoform | 9.99806 ppb v/v |
| | | | | | | | Bromomethane | 9.99806 ppb v/v |
| | | | | | | | Carbon disulfide | 9.99806 ppb v/v |
| | | | | | | | Carbon tetrachloride | 9.99806 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Chlorobenzene | 9.99806 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 9.99806 ppb v/v |
| | | | | | | | Chloroethane | 9.99806 ppb v/v |
| | | | | | | | Chloroform | 9.99806 ppb v/v |
| | | | | | | | Chloromethane | 9.99806 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 9.99806 ppb v/v |
| | | | | | | | Cumene | 9.99806 ppb v/v |
| | | | | | | | Cyclohexane | 9.99806 ppb v/v |
| | | | | | | | Dibromochloromethane | 9.99806 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 9.99806 ppb v/v |
| | | | | | | | Ethylbenzene | 9.99806 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 9.99806 ppb v/v |
| | | | | | | | Isopropyl alcohol | 9.99806 ppb v/v |
| | | | | | | | m,p-Xylene | 19.9961 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 9.99806 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 9.99806 ppb v/v |
| | | | | | | | Methyl methacrylate | 9.99806 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 9.99806 ppb v/v |
| | | | | | | | Methylene Chloride | 9.99806 ppb v/v |
| | | | | | | | n-Butane | 9.99806 ppb v/v |
| | | | | | | | n-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | n-Heptane | 9.99806 ppb v/v |
| | | | | | | | n-Hexane | 9.99806 ppb v/v |
| | | | | | | | n-Propylbenzene | 9.99806 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Naphthalene | 9.99806 ppb v/v |
| | | | | | | | o-Xylene | 9.99806 ppb v/v |
| | | | | | | | sec-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | Styrene | 9.99806 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 9.99806 ppb v/v |
| | | | | | | | tert-Butylbenzene | 9.99806 ppb v/v |
| | | | | | | | Tetrachloroethene | 9.99806 ppb v/v |
| | | | | | | | Tetrahydrofuran | 9.99806 ppb v/v |
| | | | | | | | Toluene | 9.99806 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 9.99806 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 9.99806 ppb v/v |
| | | | | | | | Trichloroethene | 9.99806 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 9.99806 ppb v/v |
| | | | | | | | Vinyl chloride | 9.99806 ppb v/v |
| .ATTO15LCSSTKi_00150 | 03/27/25 | 12/16/24 | Nitrogen, Lot 12 | 37.5 L | ATTO15CALs_00051 | 7500 mL | 1,1,1-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichloroethane | 200 ppb v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,1-Dichloroethene | 200 ppb v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dibromoethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,2-Dichloroethane | 200 ppb v/v |
| | | | | | | | 1,2-Dichloropropane | 200 ppb v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 200 ppb v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 200 ppb v/v |
| | | | | | | | 1,3-Butadiene | 200 ppb v/v |
| | | | | | | | 1,3-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dichlorobenzene | 200 ppb v/v |
| | | | | | | | 1,4-Dioxane | 200 ppb v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 200 ppb v/v |
| | | | | | | | 2-Chlorotoluene | 200 ppb v/v |
| | | | | | | | 3-Chloropropene | 200 ppb v/v |

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | 4-Ethyltoluene | 200 ppb v/v |
| | | | | | | | 4-Isopropyltoluene | 200 ppb v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 200 ppb v/v |
| | | | | | | | Acetone | 200 ppb v/v |
| | | | | | | | Benzene | 200 ppb v/v |
| | | | | | | | Benzyl chloride | 200 ppb v/v |
| | | | | | | | Bromodichloromethane | 200 ppb v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 200 ppb v/v |
| | | | | | | | Bromoform | 200 ppb v/v |
| | | | | | | | Bromomethane | 200 ppb v/v |
| | | | | | | | Carbon disulfide | 200 ppb v/v |
| | | | | | | | Carbon tetrachloride | 200 ppb v/v |
| | | | | | | | Chlorobenzene | 200 ppb v/v |
| | | | | | | | Chlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Chloroethane | 200 ppb v/v |
| | | | | | | | Chloroform | 200 ppb v/v |
| | | | | | | | Chloromethane | 200 ppb v/v |
| | | | | | | | cis-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | cis-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Cumene | 200 ppb v/v |
| | | | | | | | Cyclohexane | 200 ppb v/v |
| | | | | | | | Dibromochloromethane | 200 ppb v/v |
| | | | | | | | Dichlorodifluoromethane | 200 ppb v/v |
| | | | | | | | Ethylbenzene | 200 ppb v/v |
| | | | | | | | Hexachlorobutadiene | 200 ppb v/v |
| | | | | | | | Isopropyl alcohol | 200 ppb v/v |
| | | | | | | | m,p-Xylene | 400 ppb v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 200 ppb v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 200 ppb v/v |
| | | | | | | | Methyl methacrylate | 200 ppb v/v |
| | | | | | | | Methyl tert-butyl ether | 200 ppb v/v |
| | | | | | | | Methylene Chloride | 200 ppb v/v |
| | | | | | | | n-Butane | 200 ppb v/v |
| | | | | | | | n-Butylbenzene | 200 ppb v/v |
| | | | | | | | n-Heptane | 200 ppb v/v |
| | | | | | | | n-Hexane | 200 ppb v/v |
| | | | | | | | n-Propylbenzene | 200 ppb v/v |
| | | | | | | | Naphthalene | 200 ppb v/v |
| | | | | | | | o-Xylene | 200 ppb v/v |
| | | | | | | | sec-Butylbenzene | 200 ppb v/v |
| | | | | | | | Styrene | 200 ppb v/v |
| | | | | | | | tert-Butyl alcohol | 200 ppb v/v |
| | | | | | | | tert-Butylbenzene | 200 ppb v/v |
| | | | | | | | Tetrachloroethene | 200 ppb v/v |
| | | | | | | | Tetrahydrofuran | 200 ppb v/v |

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Toluene | 200 ppb v/v |
| | | | | | | | trans-1,2-Dichloroethene | 200 ppb v/v |
| | | | | | | | trans-1,3-Dichloropropene | 200 ppb v/v |
| | | | | | | | Trichloroethene | 200 ppb v/v |
| | | | | | | | Trichlorofluoromethane | 200 ppb v/v |
| | | | | | | | Vinyl chloride | 200 ppb v/v |
| ..ATTO15CALs_00051 | 03/27/25 | | Linde, Lot CC-237336 | | (Purchased Reagent) | | 1,1,1-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2,2-Tetrachloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichloroethane | 1 ppm v/v |
| | | | | | | | 1,1,2-Trichlorotrifluoroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,1-Dichloroethene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2,4-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dibromoethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,2-Dichloroethane | 1 ppm v/v |
| | | | | | | | 1,2-Dichloropropane | 1 ppm v/v |
| | | | | | | | 1,2-Dichlorotetrafluoroethane | 1 ppm v/v |
| | | | | | | | 1,3,5-Trimethylbenzene | 1 ppm v/v |
| | | | | | | | 1,3-Butadiene | 1 ppm v/v |
| | | | | | | | 1,3-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dichlorobenzene | 1 ppm v/v |
| | | | | | | | 1,4-Dioxane | 1 ppm v/v |
| | | | | | | | 2,2,4-Trimethylpentane | 1 ppm v/v |
| | | | | | | | 2-Chlorotoluene | 1 ppm v/v |
| | | | | | | | 3-Chloropropene | 1 ppm v/v |
| | | | | | | | 4-Ethyltoluene | 1 ppm v/v |
| | | | | | | | 4-Isopropyltoluene | 1 ppm v/v |
| | | | | | | | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 1 ppm v/v |
| | | | | | | | Acetone | 1 ppm v/v |
| | | | | | | | Benzene | 1 ppm v/v |
| | | | | | | | Benzyl chloride | 1 ppm v/v |
| | | | | | | | Bromodichloromethane | 1 ppm v/v |
| | | | | | | | Bromoethene(Vinyl Bromide) | 1 ppm v/v |
| | | | | | | | Bromoform | 1 ppm v/v |
| | | | | | | | Bromomethane | 1 ppm v/v |
| | | | | | | | Carbon disulfide | 1 ppm v/v |
| | | | | | | | Carbon tetrachloride | 1 ppm v/v |
| | | | | | | | Chlorobenzene | 1 ppm v/v |
| | | | | | | | Chlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Chloroethane | 1 ppm v/v |
| | | | | | | | Chloroform | 1 ppm v/v |
| | | | | | | | Chloromethane | 1 ppm v/v |
| | | | | | | | cis-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | cis-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Cumene | 1 ppm v/v |

# REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

| Reagent ID | Exp Date | Prep Date | Dilutant Used | Reagent Final Volume | Parent Reagent | | Analyte | Concentration |
|---|---|---|---|---|---|---|---|---|
| | | | | | Reagent ID | Volume Added | | |
| | | | | | | | Cyclohexane | 1 ppm v/v |
| | | | | | | | Dibromochloromethane | 1 ppm v/v |
| | | | | | | | Dichlorodifluoromethane | 1 ppm v/v |
| | | | | | | | Ethylbenzene | 1 ppm v/v |
| | | | | | | | Hexachlorobutadiene | 1 ppm v/v |
| | | | | | | | Isopropyl alcohol | 1 ppm v/v |
| | | | | | | | m,p-Xylene | 2 ppm v/v |
| | | | | | | | Methyl Butyl Ketone (2-Hexanone) | 1 ppm v/v |
| | | | | | | | Methyl Ethyl Ketone (2-Butanone) | 1 ppm v/v |
| | | | | | | | Methyl methacrylate | 1 ppm v/v |
| | | | | | | | Methyl tert-butyl ether | 1 ppm v/v |
| | | | | | | | Methylene Chloride | 1 ppm v/v |
| | | | | | | | n-Butane | 1 ppm v/v |
| | | | | | | | n-Butylbenzene | 1 ppm v/v |
| | | | | | | | n-Heptane | 1 ppm v/v |
| | | | | | | | n-Hexane | 1 ppm v/v |
| | | | | | | | n-Propylbenzene | 1 ppm v/v |
| | | | | | | | Naphthalene | 1 ppm v/v |
| | | | | | | | o-Xylene | 1 ppm v/v |
| | | | | | | | sec-Butylbenzene | 1 ppm v/v |
| | | | | | | | Styrene | 1 ppm v/v |
| | | | | | | | tert-Butyl alcohol | 1 ppm v/v |
| | | | | | | | tert-Butylbenzene | 1 ppm v/v |
| | | | | | | | Tetrachloroethene | 1 ppm v/v |
| | | | | | | | Tetrahydrofuran | 1 ppm v/v |
| | | | | | | | Toluene | 1 ppm v/v |
| | | | | | | | trans-1,2-Dichloroethene | 1 ppm v/v |
| | | | | | | | trans-1,3-Dichloropropene | 1 ppm v/v |
| | | | | | | | Trichloroethene | 1 ppm v/v |
| | | | | | | | Trichlorofluoromethane | 1 ppm v/v |
| | | | | | | | Vinyl chloride | 1 ppm v/v |
| **ATTO15WISs_00010** | | | | | | | 1,2-Dichloroethene, Total | |
| | | | | | | | 1,4-Difluorobenzene | 100 ppb v/v |
| | | | | | | | BFB | 100 ppb v/v |
| | | | | | | | Chlorobenzene-d5 | 100 ppb v/v |
| | | | | | | | Chlorobromomethane | 100 ppb v/v |
| | | | | | | | Tentatively Identified Compound | |
| | | | | | | | Total Alkanes | |
| | | | | | | | Xylenes, Total | |

# Reagent

# 1gEthanol_00005

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

# CERTIFICATE OF ANALYSIS

## Ethyl alcohol

| | |
|---|---|
| CATALOG NUMBER | N-11885-1G |
| LOT NUMBER | 12173500 |
| DATE CERTIFIED | 08/21/19 |
| EXPIRATION DATE | 08/30/25 |
| CAS NUMBER | 64-17-5 |
| MOLECULAR FORMULA | C2H6O |
| MOLECULAR WEIGHT | 46.07 |
| STORAGE | Store at room temperature (20 - 25 °C). |
| HANDLING | See Safety Data Sheet |
| INTENDED USE | For laboratory use only. |

| Analytical Test | Value |
|---|---|
| % PURITY (GC/TCD) | 99.5 |
| % PURITY (GC/FID) | 100.0 |
| FT-IR SPECTROSCOPY | CONFORMS TO STRUCTURE |
| PHYSICAL APPEARANCE | COLORLESS LIQUID |
| % PURITY | 99.8 |
| ISO 17034:2016 | CERTIFIED REFERENCE MATERIAL |

CHEM SERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Mary Beth O'Donnell

Mary Beth O'Donnell
CSM/TC

PJLA Testing
Accreditation #0529

CHEMSERVICE INC

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

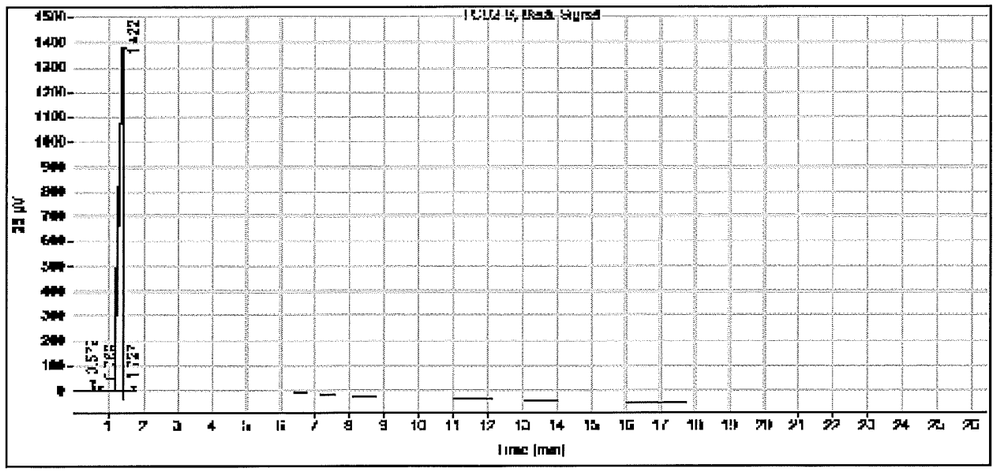
# CERTIFICATE OF ANALYSIS

## Gas Chromatography / Flame Ionization Detector (GC/FID)

**Data file:** C:\CHEM32\1\DATA\2019 DATA\0718\SIG2022556.D

**Sample name:** N-11885 NEAT TCD

| | | | |
|---|---|---|---|
| **Instrument:** | GC 1 | **Sample type:** | Sample |
| **Injection date:** | 7/31/2019 11:37:41 AM | **Location:** | Vial 101 |
| **Acq. method:** | N-11885 TCD.M | **Injection volume:** | 1.0uL |
| **Column name:** | DB-624 (30m x 0.53mm x 3.0um) | | |




**Signal:** TCD2 B, Back Signal

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 0.572 | BB | 0.0212 | 35.3817 | 25.4750 | 0.3006 |
| 0.769 | BB | 0.0375 | 16.7108 | 5.8171 | 0.1420 |
| 1.422 | BB | 0.1103 | 11708.3486 | 1361.3082 | 99.4587 |
| 1.727 | BB | 0.0260 | 11.6247 | 7.1305 | 0.0987 |
| | | Sum | 11772.0658 | | |

PJLA Testing

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

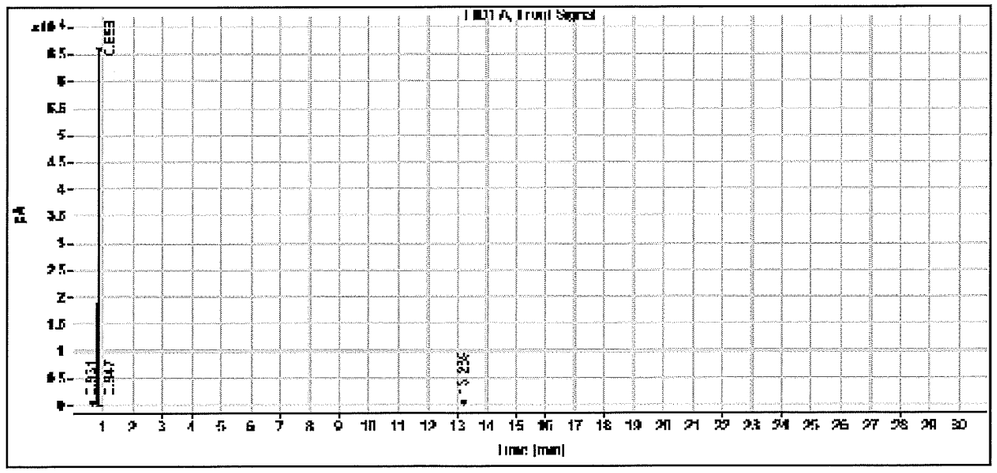
# CERTIFICATE OF ANALYSIS

## Gas Chromatography / Flame Ionization Detector (GC/FID)

**Data file:** C:\CHEM32\1\DATA\2019 DATA\073019\073019B 2019-07-30 16-13-42 \101F0403.D

**Sample name:** N-11885 neat

| | | | |
|---|---|---|---|
| **Instrument:** | GC 1 | **Sample type:** | Sample |
| **Injection date:** | 7/31/2019 3:39:30 AM | **Location:** | Vial 101 |
| **Acq. method:** | N-11885.M | **Injection volume:** | 1.0uL |
| **Column name:** | DB-624 (30m x 0.53mm x 3.0um) | | |




Signal: FID1 A, Front Signal

| RT [min] | Type | Width [min] | Area | Height | Area% |
|---|---|---|---|---|---|
| 0.631 | BV | 0.0075 | 0.2668 | 0.5372 | 0.0002 |
| 0.647 | VB | 0.0112 | 27.4219 | 37.6672 | 0.0185 |
| 0.868 | BB S | 0.0287 | 148490.7656 | 65443.6719 | 99.9813 |
| 13.239 | BB | 0.0025 | 0.0186 | 0.1089 | 0.0000 |
| | | Sum | 148518.4729 | | |

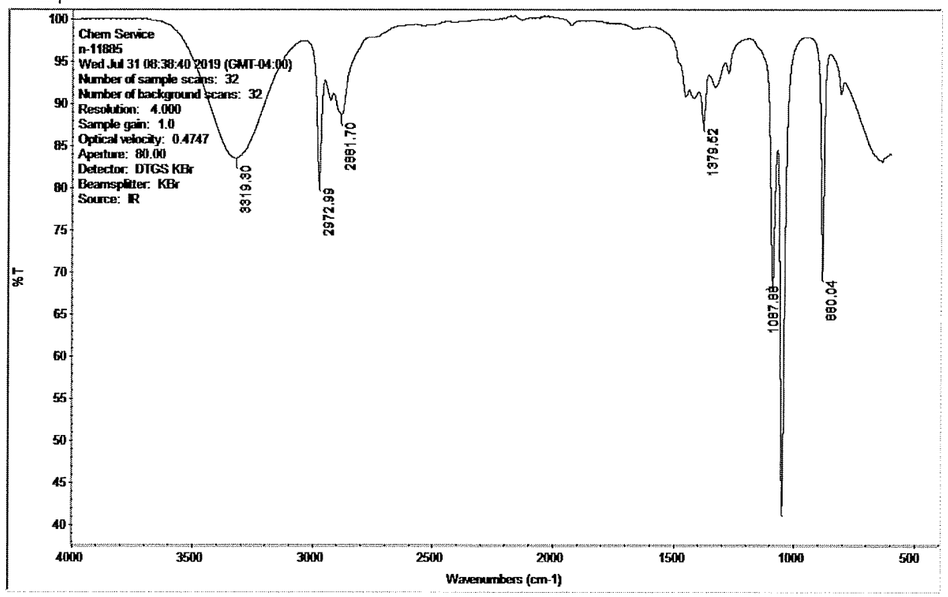
PJLA Testing

660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

# CERTIFICATE OF ANALYSIS

**Analysis Method:**

| | |
|---|---|
| Catalog Number: | N-11885-1G |
| Description: | Ethyl alcohol |
| Lot Number: | 12173500 |
| Expiration Date: | 08/30/25 |




PJLA Testing

# Reagent

# ATTO15CALs_00050

THE LINDE GROUP

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# ISO/IEC 17025

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TESTING LABORATORY

# Analysis Report

1871092
ID ATTO15CALs_00050
Exp 03/27/25 Prpd VTP
TO15 Calibration Source T

VTP 3/27/24

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 1 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

**Linde Spectra Environmental Gases**

**Linde North America, Inc.**

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740
www.lideus.com

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THE LINDE GROUP

ISO/IEC 17025

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 2 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Propylene | 115-07-1 | 1.000 ppm | 2.571 | 1.066 ppm | ± 0.050 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.000 ppm | 2.571 | 1.065 ppm | ± 0.044 ppm |
| Freon-12 | 75-71-8 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.033 ppm |
| Chloromethane | 74-87-3 | 1.000 ppm | 2.571 | 1.055 ppm | ± 0.050 ppm |
| Freon-114 | 76-14-2 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.055 ppm |
| Vinyl Chloride | 75-01-4 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.035 ppm |
| 1,3-Butadiene | 106-99-0 | 1.000 ppm | 2.571 | 1.059 ppm | ± 0.030 ppm |
| Methanol | 67-56-1 | 1.000 ppm | 2.571 | 1.213 ppm | ± 0.034 ppm |
| n-Butane | 106-97-8 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| Bromomethane | 74-83-9 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.033 ppm |
| Chloroethane | 75-00-3 | 1.000 ppm | 2.571 | 1.046 ppm | ± 0.028 ppm |
| Vinyl Bromide | 593-60-2 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.028 ppm |
| Acetonitrile | 75-05-8 | 1.000 ppm | 2.571 | 1.101 ppm | ± 0.036 ppm |
| Acrolein | 107-02-8 | 1.000 ppm | 2.571 | 1.171 ppm | ± 0.038 ppm |
| Isopentane | 78-78-4 | 1.000 ppm | 2.571 | 1.060 ppm | ± 0.038 ppm |
| Acetone | 67-64-1 | 1.000 ppm | 2.571 | 1.066 ppm | ± 0.036 ppm |
| Freon-11 | 75-69-4 | 1.000 ppm | 2.571 | 1.029 ppm | ± 0.026 ppm |
| Isopropyl Alcohol | 67-63-0 | 1.000 ppm | 2.571 | 1.159 ppm | ± 0.029 ppm |
| n-Pentane | 109-66-0 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.026 ppm |
| Acrylonitrile | 107-13-1 | 1.000 ppm | 2.571 | 1.070 ppm | ± 0.034 ppm |
| Ethyl Ether | 60-29-7 | 1.000 ppm | 2.571 | 1.059 ppm | ± 0.043 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.000 ppm | 2.571 | 1.087 ppm | ± 0.034 ppm |
| Carbon Disulfide | 75-15-0 | 1.000 ppm | 2.571 | 1.083 ppm | ± 0.034 ppm |
| Methylene Chloride | 75-09-2 | 1.000 ppm | 2.571 | 1.063 ppm | ± 0.027 ppm |
| Tert-Butanol | 75-65-0 | 1.000 ppm | 2.571 | 1.084 ppm | ± 0.027 ppm |
| 3-Chloropropene | 107-05-1 | 1.000 ppm | 2.571 | 1.047 ppm | ± 0.026 ppm |
| Freon-113 | 76-13-1 | 1.000 ppm | 2.571 | 1.082 ppm | ± 0.033 ppm |

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ISO/IEC 17025

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ISO/IEC 17025
TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403


Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Trans-1,2-Dichloroethene | 156-60-5 | 1.000 ppm | 2.571 | 1.035 ppm | ± 0.034 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.042 ppm |
| Methyl Tert Butyl Ether | 1634-04-4 | 1.000 ppm | 2.571 | 1.050 ppm | ± 0.031 ppm |
| Vinyl Acetate | 108-05-4 | 1.000 ppm | 2.571 | 1.139 ppm | ± 0.030 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.000 ppm | 2.571 | 1.060 ppm | ± 0.023 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.000 ppm | 2.571 | 1.081 ppm | ± 0.042 ppm |
| Hexane | 110-54-3 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.041 ppm |
| Chloroform | 67-66-3 | 1.000 ppm | 2.571 | 1.034 ppm | ± 0.026 ppm |
| Ethyl Acetate | 141-78-6 | 1.000 ppm | 2.571 | 1.028 ppm | ± 0.026 ppm |
| Tetrahydrofuran | 109-99-9 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.025 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.000 ppm | 2.571 | 1.037 ppm | ± 0.032 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.000 ppm | 2.571 | 1.040 ppm | ± 0.034 ppm |
| Benzene | 71-43-2 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.040 ppm |
| 1-Butanol | 71-36-3 | 1.000 ppm | 2.571 | 1.092 ppm | ± 0.027 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.000 ppm | 2.571 | 1.045 ppm | ± 0.026 ppm |
| Cyclohexane | 110-82-7 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.032 ppm |
| Dibromomethane | 74-95-3 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.026 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.026 ppm |
| Trichloroethylene | 79-01-6 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.025 ppm |
| Bromodichloromethane | 75-27-4 | 1.000 ppm | 2.571 | 1.043 ppm | ± 0.025 ppm |
| 1,4-Dioxane | 123-91-1 | 1.000 ppm | 2.571 | 1.045 ppm | ± 0.025 ppm |
| 2,2,4-Trimethylpentane | 540-84-1 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.025 ppm |
| Methyl Methacrylate | 80-62-6 | 1.000 ppm | 2.571 | 1.049 ppm | ± 0.024 ppm |
| Heptane | 142-82-5 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.024 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.028 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.028 ppm |
| Methylcyclohexane | 108-87-2 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.028 ppm |

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TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403


Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.026 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.000 ppm | 2.571 | 1.046 ppm | ± 0.023 ppm |
| Toluene | 108-88-3 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| Methyl Butyl Ketone | 591-78-6 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.024 ppm |
| Dibromochloromethane | 124-48-1 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.023 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.000 ppm | 2.571 | 1.049 ppm | ± 0.023 ppm |
| n-Octane | 111-65-9 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.027 ppm |
| Tetrachloroethylene | 127-18-4 | 1.000 ppm | 2.571 | 1.039 ppm | ± 0.020 ppm |
| Chlorobenzene | 108-90-7 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.023 ppm |
| Ethylbenzene | 100-41-4 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.022 ppm |
| p-xylene | 106-42-3 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| m-xylene | 108-38-3 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.021 ppm |
| Bromoform | 75-25-2 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.051 ppm |
| Styrene | 100-42-5 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.023 ppm |
| o-xylene | 95-47-6 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.022 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.022 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.000 ppm | 2.571 | 1.065 ppm | ± 0.031 ppm |
| Nonane | 111-84-2 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.021 ppm |
| Cumene | 98-82-8 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.024 ppm |
| 2-Chlorotoluene | 95-49-8 | 1.000 ppm | 2.571 | 1.063 ppm | ± 0.031 ppm |
| n-Propylbenzene | 103-65-1 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.031 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.039 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.045 ppm |
| alpha-Methyl Styrene | 98-83-9 | 1.000 ppm | 2.571 | 1.081 ppm | ± 0.045 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.000 ppm | 2.571 | 1.062 ppm | ± 0.048 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.000 ppm | 2.571 | 1.069 ppm | ± 0.048 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.000 ppm | 2.571 | 1.086 ppm | ± 0.050 ppm |

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# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 5 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Benzyl Chloride | 100-44-7 | 1.000 ppm | 2.571 | 1.078 ppm | ± 0.049 ppm |
| n-Decane | 124-18-5 | 1.000 ppm | 2.571 | 1.080 ppm | ± 0.049 ppm |
| 1,4-Dichlorobenzene | 106-46-7 | 1.000 ppm | 2.571 | 1.087 ppm | ± 0.048 ppm |
| Sec-Butyl Benzene | 135-98-8 | 1.000 ppm | 2.571 | 1.067 ppm | ± 0.051 ppm |
| 4-Isopropyltoluene | 99-87-6 | 1.000 ppm | 2.571 | 1.077 ppm | ± 0.056 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.000 ppm | 2.571 | 1.080 ppm | ± 0.047 ppm |
| n-Butyl Benzene | 104-51-8 | 1.000 ppm | 2.571 | 1.092 ppm | ± 0.059 ppm |
| n-Undecane | 1120-21-4 | 1.000 ppm | 2.571 | 1.074 ppm | ± 0.058 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.000 ppm | 2.571 | 1.173 ppm | ± 0.068 ppm |
| Naphthalene | 91-20-3 | 1.000 ppm | 2.571 | 1.189 ppm | ± 0.094 ppm |
| n-Dodecane | 112-40-3 | 1.000 ppm | 2.571 | 1.084 ppm | ± 0.076 ppm |

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ISO/IEC 17025

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 6 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 87-61-6 | 1.000 ppm | 2.571 | 1.165 ppm | ± 0.082 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.000 ppm | 2.571 | 1.124 ppm | ± 0.064 ppm |
| Nitrogen | 7727-37-9 | Balance | | Balance | |

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

**ANALYST:** Lou Lorenzetti

**DATE:** Mar-27-2024

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# Reagent

# ATTO15CALs_00051

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**SHIPPED TO:** Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834

**PAGE:** 1 of 4

## ANALYSIS REPORT

| | |
|---|---|
| **Sales#:** | 117425259 |
| **Production#:** | 1545375 |
| **Report Date:** | Oct-25-2021 |
| **P.O.# :** | 74005680 |
| **Blend Type:** | QUALIFIED |
| **Material#:** | 24106776 |
| **Traceability:** | NIST by weight |
| **Expiration Date:** | Oct-25-2022 * Exp: 3/27/2025 |
| **Do NOT use under:** | 150 psig |

1937983
ID ATTO15CALs_00051
Exp 03/27/25 Prpd
TO15 Second Source Tank

| | |
|---|---|
| **Cylinder Size:** | 152 (8" X 47.5") |
| **Cylinder # :** | CC-237336 |
| **Cylinder Pressure:** | 1700 psig |
| **Cylinder Valve:** | CGA 350 / Steel |
| **Cylinder Volume:** | 29.5 Liter |
| **Cylinder Material:** | Aluminum |
| **Gas Volume:** | 3400 Liters |
| **Blend Tolerance:** | 10% Relative |
| **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Propylene | 115-07-1 | 1.00 ppm | 1.03 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.00 ppm | 1.05 ppm |
| Freon-12 | 75-71-8 | 1.00 ppm | 1.04 ppm |
| Chloromethane | 74-87-3 | 1.00 ppm | 1.07 ppm |
| Freon-114 | 76-14-2 | 1.00 ppm | 1.04 ppm |
| Vinyl Chloride | 75-01-4 | 1.00 ppm | 1.03 ppm |
| 1,3-Butadiene | 106-99-0 | 1.00 ppm | 1.04 ppm |
| Methanol (No Stability Guarantee) | 67-56-1 | 1.00 ppm | 0.86 ppm |
| n-Butane | 106-97-8 | 1.00 ppm | 1.04 ppm |
| Bromomethane | 74-83-9 | 1.00 ppm | 1.03 ppm |
| Chloroethane | 75-00-3 | 1.00 ppm | 1.03 ppm |
| Vinyl Bromide | 593-60-2 | 1.00 ppm | 1.04 ppm |
| Acetonitrile | 75-05-8 | 1.00 ppm | 0.95 ppm |
| Acrolein | 107-02-8 | 1.00 ppm | 1.01 ppm |
| Isopentane | 78-78-4 | 1.00 ppm | 1.05 ppm |
| Acetone | 67-64-1 | 1.00 ppm | 0.99 ppm |
| Freon-11 | 75-69-4 | 1.00 ppm | 1.06 ppm |
| n-Pentane | 109-66-0 | 1.00 ppm | 1.05 ppm |
| Isopropyl Alcohol | 67-63-0 | 1.00 ppm | 0.98 ppm |
| Acrylonitrile | 107-13-1 | 1.00 ppm | 0.98 ppm |
| Ethyl Ether | 60-29-7 | 1.00 ppm | 1.04 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.00 ppm | 1.03 ppm |
| Carbon Disulfide | 75-15-0 | 1.00 ppm | 1.02 ppm |
| Methylene Chloride | 75-09-2 | 1.00 ppm | 1.03 ppm |
| Tert-Butanol | 75-65-0 | 1.00 ppm | 1.02 ppm |
| Allyl Chloride | 107-05-1 | 1.00 ppm | 1.07 ppm |
| Freon-113 | 76-13-1 | 1.00 ppm | 1.05 ppm |
| Trans-1,2-Dichloroethene | 156-60-5 | 1.00 ppm | 1.03 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.00 ppm | 1.01 ppm |
| Methyl Tert Butyl Ether | 1634-04-4 | 1.00 ppm | 1.02 ppm |



* Recertify at 10/14/2024 by VTP

THE LINDE GROUP

**SHIPPED TO:** Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117425259 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1545375 | **Cylinder # :** | CC-237336 |
| **Report Date:** | Oct-25-2021 | **Cylinder Pressure:** | 1700 psig |
| **P.O.# :** | 74005680 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 3400 Liters |
| **Expiration Date:** | Oct-25-2022 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| Vinyl Acetate | 108-05-4 | 1.00 ppm | 1.05 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.00 ppm | 1.02 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.00 ppm | 1.01 ppm |
| Hexane | 110-54-3 | 1.00 ppm | 1.04 ppm |
| Chloroform | 67-66-3 | 1.00 ppm | 1.01 ppm |
| Ethyl Acetate | 141-78-6 | 1.00 ppm | 1.01 ppm |
| Tetrahydrofuran | 109-99-9 | 1.00 ppm | 0.96 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.00 ppm | 1.02 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.00 ppm | 1.03 ppm |
| Benzene | 71-43-2 | 1.00 ppm | 1.03 ppm |
| 1-Butanol | 71-36-3 | 1.00 ppm | 0.92 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.00 ppm | 1.03 ppm |
| Cyclohexane | 110-82-7 | 1.00 ppm | 1.05 ppm |
| Dibromomethane | 74-95-3 | 1.00 ppm | 1.03 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.00 ppm | 1.03 ppm |
| Trichloroethylene | 79-01-6 | 1.00 ppm | 1.03 ppm |
| Bromodichloromethane | 75-27-4 | 1.00 ppm | 1.03 ppm |
| 1,4-Dioxane | 123-91-1 | 1.00 ppm | 1.02 ppm |
| 2,2,4-Trimethylpentane | 540-84-1 | 1.00 ppm | 1.05 ppm |
| Methyl Methacrylate | 80-62-6 | 1.00 ppm | 0.97 ppm |
| Heptane | 142-82-5 | 1.00 ppm | 1.05 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.00 ppm | 1.03 ppm |
| Methylcyclohexane | 108-87-2 | 1.00 ppm | 1.04 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.00 ppm | 1.03 ppm |
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.00 ppm | 0.97 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.00 ppm | 1.03 ppm |
| Toluene | 108-88-3 | 1.00 ppm | 1.01 ppm |
| Methyl Butyl Ketone | 591-78-6 | 1.00 ppm | 0.98 ppm |
| Dibromochloromethane | 124-48-1 | 1.00 ppm | 0.97 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.00 ppm | 1.05 ppm |

THE LINDE GROUP

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**SHIPPED TO:** Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834



## ANALYSIS REPORT

**Sales#:** 117425259
**Production#:** 1545375
**Report Date:** Oct-25-2021
**P.O.# :** 74005680
**Blend Type:** QUALIFIED
**Material#:** 24106776
**Traceability:** NIST by weight
**Expiration Date:** Oct-25-2022
**Do NOT use under:** 150 psig

**Cylinder Size:** 152 (8" X 47.5")
**Cylinder # :** CC-237336
**Cylinder Pressure:** 1700 psig
**Cylinder Valve:** CGA 350 / Steel
**Cylinder Volume:** 29.5 Liter
**Cylinder Material:** Aluminum
**Gas Volume:** 3400 Liters
**Blend Tolerance:** 10% Relative
**Analytical Accuracy:** 5% Relative

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| n-Octane | 111-65-9 | 1.00 ppm | 1.03 ppm |
| Tetrachloroethylene | 127-18-4 | 1.00 ppm | 1.05 ppm |
| Chlorobenzene | 108-90-7 | 1.00 ppm | 1.02 ppm |
| Ethylbenzene | 100-41-4 | 1.00 ppm | 1.01 ppm |
| p-xylene | 106-42-3 | 1.00 ppm | 1.02 ppm |
| m-xylene | 108-38-3 | 1.00 ppm | 1.02 ppm |
| Bromoform | 75-25-2 | 1.00 ppm | 1.02 ppm |
| Styrene | 100-42-5 | 1.00 ppm | 1.00 ppm |
| o-xylene | 95-47-6 | 1.00 ppm | 1.03 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.00 ppm | 1.03 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.00 ppm | 1.05 ppm |
| Nonane | 111-84-2 | 1.00 ppm | 1.05 ppm |
| Cumene | 98-82-8 | 1.00 ppm | 1.04 ppm |
| 2-Chlorotoluene | 95-49-8 | 1.00 ppm | 1.04 ppm |
| n-Propylbenzene | 103-65-1 | 1.00 ppm | 1.04 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.00 ppm | 1.03 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.00 ppm | 1.04 ppm |
| alpha-Methyl Styrene (No Stability Guarantee) | 98-83-9 | 1.00 ppm | 1.02 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.00 ppm | 1.04 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.00 ppm | 1.04 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.00 ppm | 1.06 ppm |
| Benzyl Chloride | 100-44-7 | 1.00 ppm | 1.06 ppm |
| n-Decane | 124-18-5 | 1.00 ppm | 1.02 ppm |
| 1,4-Dichlorobenzene | 106-46-7 | 1.00 ppm | 1.02 ppm |
| Sec-Butyl Benzene | 135-98-8 | 1.00 ppm | 1.02 ppm |
| 4-Isopropyltoluene | 99-87-6 | 1.00 ppm | 1.01 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.00 ppm | 1.02 ppm |
| n-Butyl Benzene | 104-51-8 | 1.00 ppm | 1.02 ppm |

THE LINDE GROUP

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**SHIPPED TO:** Test America Inc.
30 Community Dr Ste 11
South Burlington, VT 05403-6834



## ANALYSIS REPORT

| | | | |
|---|---|---|---|
| **Sales#:** | 117425259 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1545375 | **Cylinder # :** | CC-237336 |
| **Report Date:** | Oct-25-2021 | **Cylinder Pressure:** | 1700 psig |
| **P.O.# :** | 74005680 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | QUALIFIED | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24106776 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 3400 Liters |
| **Expiration Date:** | Oct-25-2022 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Analytical Accuracy:** | 5% Relative |

| COMPONENT | CAS NUMBER | REQUESTED CONC | QUALIFIED CONC |
|---|---|---|---|
| n-Undecane | 1120-21-4 | 1.00 ppm | 1.03 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.00 ppm | 1.05 ppm |
| Naphthalene | 91-20-3 | 1.00 ppm | 0.95 ppm |
| n-Dodecane | 112-40-3 | 1.00 ppm | 0.93 ppm |
| 1,2,3-Trichlorobenzene | 87-61-6 | 1.00 ppm | 0.92 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.00 ppm | 1.02 ppm |
| Nitrogen | 7727-37-9 | Balance | Balance |

**ANALYST:** Lou Lorenzetti

**DATE:** Oct-25-2021

Linde Gas North America LLC

(908) 329-9700 Main (908) 329-9740 Fax
www.Lindeus.com

# Preliminary Report

Eurofins Burlington

LCS, Lab Control Sample Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

Lims ID: LCS Inj. Date: 28-Jun-2024 08:14:13

Worklist ID: 200-0060975-003 Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_( |
|---|---|---|---|---|
| 1 Propene | 10.0 | 10.7 | 106.6 | 50-158 |
| 2 Dichlorodifluoromethane | 10.0 | 9.63 | 96.3 | 61-142 |
| 3 Chlorodifluoromethane | 10.0 | 10.2 | 102.0 | 60-147 |
| 4 1,2-Dichloro-1,1,2,2-te | 10.0 | 9.59 | 95.9 | 71-141 |
| 5 Chloromethane | 10.0 | 10.5 | 105.1 | 56-141 |
| 7 Butane | 10.0 | 11.2 | 112.0 | 53-151 |
| 6 Vinyl chloride | 10.0 | 10.1 | 100.6 | 61-135 |
| 8 Butadiene | 10.0 | 9.72 | 97.2 | 58-139 |
| 9 Bromomethane | 10.0 | 9.39 | 93.9 | 72-124 |
| 10 Chloroethane | 10.0 | 10.1 | 101.4 | 68-130 |
| 12 2-Methylbutane | 10.0 | 10.3 | 103.2 | 56-150 |
| 13 Vinyl bromide | 10.0 | 9.22 | 92.3 | 75-125 |
| 14 Trichlorofluoromethane | 10.0 | 9.25 | 92.5 | 70-129 |
| 15 Pentane | 10.0 | 10.7 | 106.9 | 59-152 |
| 16 Ethanol | 15.0 | 16.8 | 112.0 | 50-150 |
| 18 Ethyl ether | 10.0 | 10.2 | 101.7 | 71-143 |
| 19 Acrolein | 10.0 | 10.4 | 103.8 | 50-150 |
| 20 1,1-Dichloroethene | 10.0 | 9.21 | 92.1 | 68-120 |
| 21 1,1,2-Trichloro-1,2,2-t | 10.0 | 9.39 | 93.9 | 70-121 |
| 22 Acetone | 10.0 | 11.2 | 111.8 | 54-154 |
| 23 Isopropyl alcohol | 10.0 | 10.9 | 109.3 | 53-142 |
| 24 Carbon disulfide | 10.0 | 10.0 | 100.2 | 71-138 |
| 25 Acetonitrile | 10.0 | 11.5 | 114.7 | 60-154 |
| 26 3-Chloro-1-propene | 10.0 | 10.4 | 104.2 | 50-150 |
| 27 Methylene Chloride | 10.0 | 10.6 | 106.4 | 59-137 |
| 28 2-Methyl-2-propanol | 10.0 | 10.7 | 106.8 | 66-132 |
| 29 Acrylonitrile | 10.0 | 11.0 | 109.7 | 65-140 |
| 30 trans-1,2-Dichloroethen | 10.0 | 10.0 | 100.0 | 69-137 |
| 31 Methyl tert-butyl ether | 10.0 | 10.2 | 102.3 | 70-127 |
| 32 Hexane | 10.0 | 10.1 | 100.9 | 63-138 |
| S 35 1,2-Dichloroethene, Tot | 20.0 | 19.2 | 96.2 | 73-126 |
| 33 1,1-Dichloroethane | 10.0 | 9.90 | 99.0 | 66-130 |
| 34 Vinyl acetate | 10.0 | 11.3 | 112.9 | 59-149 |
| 36 2-Butanone (MEK) | 10.0 | 10.1 | 100.8 | 72-124 |
| 37 cis-1,2-Dichloroethene | 10.0 | 9.24 | 92.4 | 72-121 |
| 38 Ethyl acetate | 10.0 | 10.0 | 99.9 | 70-131 |
| 40 Tetrahydrofuran | 10.0 | 11.1 | 111.0 | 60-149 |
| 41 Chloroform | 10.0 | 9.72 | 97.2 | 73-124 |
| 42 1,1,1-Trichloroethane | 10.0 | 9.59 | 95.9 | 72-127 |
| 43 Cyclohexane | 10.0 | 9.63 | 96.4 | 76-124 |
| 44 Carbon tetrachloride | 10.0 | 9.47 | 94.7 | 71-133 |

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_( |
|---|---|---|---|---|
| 45 Benzene | 10.0 | 9.72 | 97.2 | 73-119 |
| 46 1,2-Dichloroethane | 10.0 | 10.0 | 100.2 | 68-135 |
| 47 Isooctane | 10.0 | 10.2 | 101.7 | 68-131 |
| 48 n-Heptane | 10.0 | 10.4 | 104.1 | 60-142 |
| 50 n-Butanol | 10.0 | 10.4 | 104.4 | 50-156 |
| 51 Trichloroethene | 10.0 | 9.34 | 93.4 | 73-122 |
| 53 1,2-Dichloropropane | 10.0 | 10.1 | 101.0 | 69-128 |
| 54 Methyl methacrylate | 10.0 | 10.3 | 102.9 | 73-129 |
| 55 1,4-Dioxane | 10.0 | 10.1 | 101.4 | 66-129 |
| 57 Dibromomethane | 10.0 | 8.93 | 89.3 | 68-126 |
| 58 Dichlorobromomethane | 10.0 | 9.86 | 98.6 | 75-127 |
| 59 cis-1,3-Dichloropropene | 10.0 | 10.0 | 100.0 | 74-125 |
| 61 4-Methyl-2-pentanone (M | 10.0 | 10.7 | 107.4 | 58-144 |
| 62 Toluene | 10.0 | 9.89 | 98.9 | 75-122 |
| 64 n-Octane | 10.0 | 10.6 | 105.7 | 62-144 |
| 66 trans-1,3-Dichloroprope | 10.0 | 10.1 | 101.0 | 74-128 |
| 67 1,1,2-Trichloroethane | 10.0 | 10.1 | 101.3 | 75-126 |
| 68 Tetrachloroethene | 10.0 | 9.04 | 90.5 | 70-125 |
| 69 2-Hexanone | 10.0 | 11.2 | 111.5 | 57-143 |
| 70 Chlorodibromomethane | 10.0 | 9.88 | 98.8 | 73-125 |
| 71 Ethylene Dibromide | 10.0 | 9.89 | 98.9 | 78-122 |
| 74 Chlorobenzene | 10.0 | 9.67 | 96.7 | 76-119 |
| 75 Ethylbenzene | 10.0 | 10.1 | 100.6 | 74-122 |
| 76 m-Xylene & p-Xylene | 20.0 | 19.9 | 99.5 | 76-121 |
| 77 n-Nonane | 10.0 | 10.6 | 106.1 | 70-131 |
| S 80 Xylenes, Total | 30.0 | 29.8 | 99.4 | 75-122 |
| 78 o-Xylene | 10.0 | 9.91 | 99.1 | 73-123 |
| 79 Styrene | 10.0 | 10.1 | 101.3 | 74-125 |
| 81 Bromoform | 10.0 | 10.0 | 100.0 | 53-149 |
| 82 Isopropylbenzene | 10.0 | 10.1 | 100.7 | 73-123 |
| 83 1,1,2,2-Tetrachloroetha | 10.0 | 10.5 | 104.6 | 74-126 |
| 84 1,2,3-Trichloropropane | 10.0 | 10.5 | 105.1 | 71-125 |
| 85 N-Propylbenzene | 10.0 | 10.4 | 104.1 | 73-127 |
| 86 2-Chlorotoluene | 10.0 | 10.2 | 101.5 | 74-126 |
| 87 4-Ethyltoluene | 10.0 | 10.4 | 103.6 | 75-129 |
| 88 1,3,5-Trimethylbenzene | 10.0 | 10.3 | 103.4 | 72-126 |
| 89 n-Decane | 10.0 | 11.1 | 111.3 | 68-134 |
| 90 Alpha Methyl Styrene | 10.0 | 10.4 | 103.7 | 71-132 |
| 91 tert-Butylbenzene | 10.0 | 10.1 | 101.0 | 71-125 |
| 92 1,2,4-Trimethylbenzene | 10.0 | 10.3 | 103.4 | 71-129 |
| 93 sec-Butylbenzene | 10.0 | 10.4 | 104.3 | 70-128 |
| 94 1,3-Dichlorobenzene | 10.0 | 10.0 | 100.5 | 69-131 |
| 95 4-Isopropyltoluene | 10.0 | 10.4 | 104.0 | 68-130 |
| 96 1,4-Dichlorobenzene | 10.0 | 10.1 | 100.6 | 67-132 |
| 97 Benzyl chloride | 10.0 | 11.4 | 113.6 | 60-136 |
| 98 n-Butylbenzene | 10.0 | 10.7 | 107.4 | 65-137 |

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_003.D

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_C |
|---|---|---|---|---|
| 99 1,2-Dichlorobenzene | 10.0 | 10.2 | 101.5 | 68-129 |
| 100 Undecane | 10.0 | 11.1 | 111.5 | 62-136 |
| 101 Dodecane | 10.0 | 11.4 | 114.4 | 50-150 |
| 102 1,2,4-Trichlorobenzene | 10.0 | 9.83 | 98.3 | 50-150 |
| 103 Hexachlorobutadiene | 10.0 | 9.18 | 91.8 | 58-130 |
| 104 Naphthalene | 10.0 | 13.1 | 131.2 | 50-150 |
| 105 1,2,3-Trichlorobenzene | 10.0 | 9.81 | 98.1 | 50-150 |

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

| | | |
|---|---|---|
| 200-74115-A-3 | 200-74115-A-4 | 180-176160-A-1 |
| 200-74105-A-1 | 200-74105-A-2 | 200-74105-A-3 |
| 200-74105-A-4 | 200-74105-A-5 | 200-74124-A-1 |
| 200-74009-A-10 | 180-176297-A-1 | 180-176297-A-2 |
| 180-176297-A-3 | 180-176297-A-4 | 180-176297-A-5 |

# Preliminary Report

Eurofins Burlington

LCSD, LCS Duplicate Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

Lims ID: LCSD Inj. Date: 28-Jun-2024 09:05:42

Worklist ID: 200-0060975-004 Instrument: CHAM.i

Method: TO15_TO3_Master_Method_AM1

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_( |
|---|---|---|---|---|
| 1 Propene | 10.0 | 9.96 | 99.7 | 50-158 |
| 2 Dichlorodifluoromethane | 10.0 | 9.11 | 91.1 | 61-142 |
| 3 Chlorodifluoromethane | 10.0 | 9.58 | 95.8 | 60-147 |
| 4 1,2-Dichloro-1,1,2,2-te | 10.0 | 9.05 | 90.5 | 71-141 |
| 5 Chloromethane | 10.0 | 9.88 | 98.8 | 56-141 |
| 7 Butane | 10.0 | 10.3 | 102.6 | 53-151 |
| 6 Vinyl chloride | 10.0 | 9.24 | 92.4 | 61-135 |
| 8 Butadiene | 10.0 | 9.08 | 90.8 | 58-139 |
| 9 Bromomethane | 10.0 | 8.90 | 89.0 | 72-124 |
| 10 Chloroethane | 10.0 | 9.44 | 94.4 | 68-130 |
| 12 2-Methylbutane | 10.0 | 9.70 | 97.0 | 56-150 |
| 13 Vinyl bromide | 10.0 | 8.89 | 88.9 | 75-125 |
| 14 Trichlorofluoromethane | 10.0 | 8.78 | 87.9 | 70-129 |
| 15 Pentane | 10.0 | 9.67 | 96.7 | 59-152 |
| 16 Ethanol | 15.0 | 15.6 | 103.7 | 50-150 |
| 18 Ethyl ether | 10.0 | 9.21 | 92.2 | 71-143 |
| 19 Acrolein | 10.0 | 9.43 | 94.3 | 50-150 |
| 20 1,1-Dichloroethene | 10.0 | 8.41 | 84.2 | 68-120 |
| 21 1,1,2-Trichloro-1,2,2-t | 10.0 | 8.52 | 85.2 | 70-121 |
| 22 Acetone | 10.0 | 10.2 | 102.0 | 54-154 |
| 23 Isopropyl alcohol | 10.0 | 9.37 | 93.7 | 53-142 |
| 24 Carbon disulfide | 10.0 | 9.10 | 91.0 | 71-138 |
| 25 Acetonitrile | 10.0 | 8.87 | 88.7 | 60-154 |
| 26 3-Chloro-1-propene | 10.0 | 9.56 | 95.6 | 50-150 |
| 27 Methylene Chloride | 10.0 | 9.60 | 96.0 | 59-137 |
| 28 2-Methyl-2-propanol | 10.0 | 9.60 | 96.0 | 66-132 |
| 29 Acrylonitrile | 10.0 | 9.67 | 96.7 | 65-140 |
| 30 trans-1,2-Dichloroethen | 10.0 | 9.40 | 94.0 | 69-137 |
| 31 Methyl tert-butyl ether | 10.0 | 9.51 | 95.1 | 70-127 |
| 32 Hexane | 10.0 | 9.30 | 93.1 | 63-138 |
| S 35 1,2-Dichloroethene, Tot | 20.0 | 17.7 | 88.5 | 73-126 |
| 33 1,1-Dichloroethane | 10.0 | 8.89 | 88.9 | 66-130 |
| 34 Vinyl acetate | 10.0 | 10.1 | 101.0 | 59-149 |
| 36 2-Butanone (MEK) | 10.0 | 9.05 | 90.5 | 72-124 |
| 37 cis-1,2-Dichloroethene | 10.0 | 8.29 | 82.9 | 72-121 |
| 38 Ethyl acetate | 10.0 | 9.33 | 93.3 | 70-131 |
| 40 Tetrahydrofuran | 10.0 | 9.89 | 99.0 | 60-149 |
| 41 Chloroform | 10.0 | 9.01 | 90.2 | 73-124 |
| 42 1,1,1-Trichloroethane | 10.0 | 8.90 | 89.0 | 72-127 |
| 43 Cyclohexane | 10.0 | 8.93 | 89.3 | 76-124 |
| 44 Carbon tetrachloride | 10.0 | 8.84 | 88.4 | 71-133 |

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_C |
|---|---|---|---|---|
| 45 Benzene | 10.0 | 9.03 | 90.3 | 73-119 |
| 46 1,2-Dichloroethane | 10.0 | 9.30 | 93.0 | 68-135 |
| 47 Isooctane | 10.0 | 9.41 | 94.1 | 68-131 |
| 48 n-Heptane | 10.0 | 9.64 | 96.4 | 60-142 |
| 50 n-Butanol | 10.0 | 8.16 | 81.7 | 50-156 |
| 51 Trichloroethene | 10.0 | 8.71 | 87.2 | 73-122 |
| 53 1,2-Dichloropropane | 10.0 | 9.37 | 93.7 | 69-128 |
| 54 Methyl methacrylate | 10.0 | 9.37 | 93.7 | 73-129 |
| 55 1,4-Dioxane | 10.0 | 8.68 | 86.9 | 66-129 |
| 57 Dibromomethane | 10.0 | 8.40 | 84.0 | 68-126 |
| 58 Dichlorobromomethane | 10.0 | 9.17 | 91.7 | 75-127 |
| 59 cis-1,3-Dichloropropene | 10.0 | 9.16 | 91.6 | 74-125 |
| 61 4-Methyl-2-pentanone (M | 10.0 | 9.69 | 96.9 | 58-144 |
| 62 Toluene | 10.0 | 9.23 | 92.3 | 75-122 |
| 64 n-Octane | 10.0 | 9.71 | 97.1 | 62-144 |
| 66 trans-1,3-Dichloroprope | 10.0 | 10.1 | 100.9 | 74-128 |
| 67 1,1,2-Trichloroethane | 10.0 | 9.52 | 95.2 | 75-126 |
| 68 Tetrachloroethene | 10.0 | 8.52 | 85.2 | 70-125 |
| 69 2-Hexanone | 10.0 | 9.79 | 98.0 | 57-143 |
| 70 Chlorodibromomethane | 10.0 | 9.12 | 91.3 | 73-125 |
| 71 Ethylene Dibromide | 10.0 | 9.19 | 91.9 | 78-122 |
| 74 Chlorobenzene | 10.0 | 9.05 | 90.5 | 76-119 |
| 75 Ethylbenzene | 10.0 | 9.30 | 93.0 | 74-122 |
| 76 m-Xylene & p-Xylene | 20.0 | 18.5 | 92.3 | 76-121 |
| 77 n-Nonane | 10.0 | 9.82 | 98.2 | 70-131 |
| S 80 Xylenes, Total | 30.0 | 27.7 | 92.5 | 75-122 |
| 78 o-Xylene | 10.0 | 9.28 | 92.8 | 73-123 |
| 79 Styrene | 10.0 | 9.35 | 93.5 | 74-125 |
| 81 Bromoform | 10.0 | 9.09 | 90.9 | 53-149 |
| 82 Isopropylbenzene | 10.0 | 9.38 | 93.8 | 73-123 |
| 83 1,1,2,2-Tetrachloroetha | 10.0 | 9.52 | 95.2 | 74-126 |
| 84 1,2,3-Trichloropropane | 10.0 | 9.58 | 95.8 | 71-125 |
| 85 N-Propylbenzene | 10.0 | 9.62 | 96.3 | 73-127 |
| 86 2-Chlorotoluene | 10.0 | 9.38 | 93.8 | 74-126 |
| 87 4-Ethyltoluene | 10.0 | 9.58 | 95.9 | 75-129 |
| 88 1,3,5-Trimethylbenzene | 10.0 | 9.61 | 96.1 | 72-126 |
| 89 n-Decane | 10.0 | 10.3 | 103.0 | 68-134 |
| 90 Alpha Methyl Styrene | 10.0 | 9.26 | 92.6 | 71-132 |
| 91 tert-Butylbenzene | 10.0 | 9.40 | 94.0 | 71-125 |
| 92 1,2,4-Trimethylbenzene | 10.0 | 9.50 | 95.0 | 71-129 |
| 93 sec-Butylbenzene | 10.0 | 9.67 | 96.7 | 70-128 |
| 94 1,3-Dichlorobenzene | 10.0 | 9.02 | 90.2 | 69-131 |
| 95 4-Isopropyltoluene | 10.0 | 9.39 | 93.9 | 68-130 |
| 96 1,4-Dichlorobenzene | 10.0 | 9.10 | 91.1 | 67-132 |
| 97 Benzyl chloride | 10.0 | 9.71 | 97.1 | 60-136 |
| 98 n-Butylbenzene | 10.0 | 9.58 | 95.8 | 65-137 |

Preliminary Report

Sample Path: \\chromfs\Burlington\ChromData\CHAM.i\20240628-60975.b\60975_004.D

| Compound | Amount Added | Amount Recovered | %Rec | Limits 1 _Summa_C |
|---|---|---|---|---|
| 99 1,2-Dichlorobenzene | 10.0 | 9.04 | 90.4 | 68-129 |
| 100 Undecane | 10.0 | 9.86 | 98.7 | 62-136 |
| 101 Dodecane | 10.0 | 9.23 | 92.4 | 50-150 |
| 102 1,2,4-Trichlorobenzene | 10.0 | 8.16 | 81.6 | 50-150 |
| 103 Hexachlorobutadiene | 10.0 | 8.35 | 83.6 | 58-130 |
| 104 Naphthalene | 10.0 | 9.95 | 99.5 | 50-150 |
| 105 1,2,3-Trichlorobenzene | 10.0 | 7.21 | 72.2 | 50-150 |

Samples for Limit Group: 1, Lims Prep Method: Air_Summa_Can

| | | |
|---|---|---|
| 200-74115-A-3 | 200-74115-A-4 | 180-176160-A-1 |
| 200-74105-A-1 | 200-74105-A-2 | 200-74105-A-3 |
| 200-74105-A-4 | 200-74105-A-5 | 200-74124-A-1 |
| 200-74009-A-10 | 180-176297-A-1 | 180-176297-A-2 |
| 180-176297-A-3 | 180-176297-A-4 | 180-176297-A-5 |

| Analyte | LCS % | LCSD % | RDP |
|---|---|---|---|
| Propene | 106.6 | 99.7 | 3.34 |
| Dichlorodifluoromethane | 96.3 | 91.1 | 2.77 |
| Chlorodifluoromethane | 102 | 95.8 | 3.13 |
| 1,2-Dichloro-1,1,2,2-tetrafluoroethane | 95.9 | 90.5 | 2.90 |
| Chloromethane | 105.1 | 98.8 | 3.09 |
| Butane | 112 | 102.6 | 4.38 |
| Vinyl chloride | 100.6 | 92.4 | 4.25 |
| Butadiene | 97.2 | 90.8 | 3.40 |
| Bromomethane | 93.9 | 89 | 2.68 |
| Chloroethane | 101.4 | 94.4 | 3.58 |
| 2-Methylbutane | 103.2 | 97 | 3.10 |
| Vinyl bromide | 92.3 | 88.9 | 1.88 |
| Trichlorofluoromethane | 92.5 | 87.9 | 2.55 |
| Pentane | 106.9 | 96.7 | 5.01 |
| Ethanol | 112 | 103.7 | 3.85 |
| Ethyl ether | 101.7 | 92.2 | 4.90 |
| Acrolein | 103.8 | 94.3 | 4.80 |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | 93.9 | 85.5 | 4.68 |
| 1,1-Dichloroethene | 92.1 | 84.2 | 4.48 |
| Acetone | 111.8 | 102 | 4.58 |
| Isopropyl alcohol | 109.3 | 93.7 | 7.68 |
| Carbon disulfide | 100.2 | 91 | 4.81 |
| 3-Chloro-1-propene | 104.2 | 95.6 | 4.30 |
| Acetonitrile | 114.7 | 88.7 | 12.78 |
| Methylene Chloride | 106.4 | 96 | 5.14 |
| 2-Methyl-2-propanol | 106.8 | 96 | 5.33 |
| Methyl tert-butyl ether | 102.3 | 95.1 | 3.65 |
| trans-1,2-Dichloroethene | 100 | 94 | 3.09 |
| Acrylonitrile | 102.3 | 96.7 | 2.81 |
| Hexane | 109.7 | 93.1 | 8.19 |
| 1,1-Dichloroethane | 99 | 88.9 | 5.38 |
| Vinyl acetate | 112.9 | 101 | 5.56 |
| 2-Butanone (MEK) | 100.8 | 90.5 | 5.38 |
| Ethyl acetate | 99.9 | 93.3 | 3.42 |
| cis-1,2-Dichloroethene | 92.4 | 82.9 | 5.42 |
| Tetrahydrofuran | 111 | 99 | 5.71 |
| Chloroform | 97.2 | 90.2 | 3.74 |
| 1,1,1-Trichloroethane | 95.9 | 89 | 3.73 |
| Cyclohexane | 96.4 | 89.3 | 3.82 |
| Carbon tetrachloride | 94.7 | 88.4 | 3.44 |
| Isooctane | 101.7 | 94.1 | 3.88 |
| Benzene | 97.2 | 90.3 | 3.68 |
| 1,2-Dichloroethane | 100.2 | 93 | 3.73 |

| | | | |
|---|---|---|---|
| n-Heptane | 104.1 | 96.4 | 3.84 |
| n-Butanol | 104.4 | 81.7 | 12.20 |
| Trichloroethene | 93.4 | 87.2 | 3.43 |
| 1,2-Dichloropropane | 101 | 93.7 | 3.75 |
| Methyl methacrylate | 102.9 | 93.7 | 4.68 |
| 1,4-Dioxane | 101.4 | 86.9 | 7.70 |
| Dibromomethane | 89.3 | 84 | 3.06 |
| Dichlorobromomethane | 98.6 | 91.7 | 3.63 |
| cis-1,3-Dichloropropene | 100 | 91.6 | 4.38 |
| 4-Methyl-2-pentanone (MIBK) | 107.4 | 96.9 | 5.14 |
| n-Octane | 105.7 | 97.1 | 4.24 |
| Toluene | 98.9 | 92.3 | 3.45 |
| trans-1,3-Dichloropropene | 101 | 100.9 | 0.05 |
| 1,1,2-Trichloroethane | 101.3 | 95.2 | 3.10 |
| Tetrachloroethene | 90.5 | 85.2 | 3.02 |
| 2-Hexanone | 111.5 | 98 | 6.44 |
| Chlorodibromomethane | 98.8 | 91.3 | 3.95 |
| Ethylene Dibromide | 98.9 | 91.9 | 3.67 |
| Chlorobenzene | 96.7 | 90.5 | 3.31 |
| Ethylbenzene | 100.6 | 93 | 3.93 |
| n-Nonane | 106.1 | 98.2 | 3.87 |
| m-Xylene & p-Xylene | 99.5 | 92.3 | 3.75 |
| o-Xylene | 99.1 | 92.8 | 3.28 |
| Styrene | 101.3 | 93.5 | 4.00 |
| Bromoform | 100 | 90.9 | 4.77 |
| Isopropylbenzene | 100.7 | 93.8 | 3.55 |
| 1,1,2,2-Tetrachloroethane | 104.6 | 95.2 | 4.70 |
| N-Propylbenzene | 104.1 | 96.3 | 3.89 |
| 1,2,3-Trichloropropane | 105.1 | 95.8 | 4.63 |
| n-Decane | 111.3 | 103 | 3.87 |
| 4-Ethyltoluene | 103.6 | 95.9 | 3.86 |
| 2-Chlorotoluene | 101.5 | 93.8 | 3.94 |
| 1,3,5-Trimethylbenzene | 103.4 | 96.1 | 3.66 |
| Alpha Methyl Styrene | 103.7 | 92.6 | 5.65 |
| tert-Butylbenzene | 101 | 94 | 3.59 |
| 1,2,4-Trimethylbenzene | 103.4 | 95 | 4.23 |
| sec-Butylbenzene | 104.3 | 96.7 | 3.78 |
| 4-Isopropyltoluene | 104.5 | 93.9 | 5.34 |
| 1,3-Dichlorobenzene | 100.5 | 90.2 | 5.40 |
| 1,4-Dichlorobenzene | 100.6 | 91.1 | 4.96 |
| Benzyl chloride | 113.6 | 97.1 | 7.83 |
| Undecane | 111.5 | 98.7 | 6.09 |
| n-Butylbenzene | 107.4 | 95.8 | 5.71 |
| 1,2-Dichlorobenzene | 101.5 | 90.4 | 5.78 |

| | | | |
|---|---|---|---|
| Dodecane | 114.4 | 92.4 | 10.64 |
| 1,2,4-Trichlorobenzene | 98.3 | 81.6 | 9.28 |
| Hexachlorobutadiene | 91.8 | 83.6 | 4.68 |
| Naphthalene | 131.2 | 99.5 | 13.74 |
| 1,2,3-Trichlorobenzene | 98.1 | 72.2 | 15.21 |

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# Analysis Report

1871092
ID ATTO15CALs_00050
Exp 03/27/25 Prpd. VTP
TO15 Calibration Source T

VTP 3/27/24

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 1 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

Primary Reference Material intended for the calibration of gas analyzers or instrumentation. General instructions for proper use of gas mixtures are found in "ISO 16664: Gas analysis – handling of calibration gases and gas mixtures".

Contents under pressure, store in secure area and do not expose to temperatures greater than 150 °F.

Recommended Operating temperature within 32°F (0°C) and 125°F (52°C).

Recommended minimum sample size 10 mL.

Except where noted, results are reported in mole/mole ppm as determined by Gas Chromatography using qualified reference standards under ANA-50-741-ALP and ANA-50-742-ALP and meets ISO/IEC 17025 requirements. Every cylinder is analyzed and represents one unique lot.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor providing a level of confidence of 95% and has been carried out in accordance with ISO/IEC 17025 requirements.

This report is issued in accordance with the laboratory accreditation requirements of ANAB. It provides traceability of measurement to recognized national standards, and to units of measurement realized by the National Institute of Standards and Technology (NIST).

**Linde Spectra Environmental Gases**

**Linde North America, Inc.**

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740
www.lideus.com

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THE LINDE GROUP

ISO/IEC 17025

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 2 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Propylene | 115-07-1 | 1.000 ppm | 2.571 | 1.066 ppm | ± 0.050 ppm |
| Chlorodifluoromethane | 75-45-6 | 1.000 ppm | 2.571 | 1.065 ppm | ± 0.044 ppm |
| Freon-12 | 75-71-8 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.033 ppm |
| Chloromethane | 74-87-3 | 1.000 ppm | 2.571 | 1.055 ppm | ± 0.050 ppm |
| Freon-114 | 76-14-2 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.055 ppm |
| Vinyl Chloride | 75-01-4 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.035 ppm |
| 1,3-Butadiene | 106-99-0 | 1.000 ppm | 2.571 | 1.059 ppm | ± 0.030 ppm |
| Methanol | 67-56-1 | 1.000 ppm | 2.571 | 1.213 ppm | ± 0.034 ppm |
| n-Butane | 106-97-8 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| Bromomethane | 74-83-9 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.033 ppm |
| Chloroethane | 75-00-3 | 1.000 ppm | 2.571 | 1.046 ppm | ± 0.028 ppm |
| Vinyl Bromide | 593-60-2 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.028 ppm |
| Acetonitrile | 75-05-8 | 1.000 ppm | 2.571 | 1.101 ppm | ± 0.036 ppm |
| Acrolein | 107-02-8 | 1.000 ppm | 2.571 | 1.171 ppm | ± 0.038 ppm |
| Isopentane | 78-78-4 | 1.000 ppm | 2.571 | 1.060 ppm | ± 0.038 ppm |
| Acetone | 67-64-1 | 1.000 ppm | 2.571 | 1.066 ppm | ± 0.036 ppm |
| Freon-11 | 75-69-4 | 1.000 ppm | 2.571 | 1.029 ppm | ± 0.026 ppm |
| Isopropyl Alcohol | 67-63-0 | 1.000 ppm | 2.571 | 1.159 ppm | ± 0.029 ppm |
| n-Pentane | 109-66-0 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.026 ppm |
| Acrylonitrile | 107-13-1 | 1.000 ppm | 2.571 | 1.070 ppm | ± 0.034 ppm |
| Ethyl Ether | 60-29-7 | 1.000 ppm | 2.571 | 1.059 ppm | ± 0.043 ppm |
| 1,1-Dichloroethene | 75-35-4 | 1.000 ppm | 2.571 | 1.087 ppm | ± 0.034 ppm |
| Carbon Disulfide | 75-15-0 | 1.000 ppm | 2.571 | 1.083 ppm | ± 0.034 ppm |
| Methylene Chloride | 75-09-2 | 1.000 ppm | 2.571 | 1.063 ppm | ± 0.027 ppm |
| Tert-Butanol | 75-65-0 | 1.000 ppm | 2.571 | 1.084 ppm | ± 0.027 ppm |
| 3-Chloropropene | 107-05-1 | 1.000 ppm | 2.571 | 1.047 ppm | ± 0.026 ppm |
| Freon-113 | 76-13-1 | 1.000 ppm | 2.571 | 1.082 ppm | ± 0.033 ppm |

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**Linde North America, Inc.**

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ISO/IEC 17025

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ANSI National Accreditation Board
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ISO/IEC 17025
TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403


Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Trans-1,2-Dichloroethene | 156-60-5 | 1.000 ppm | 2.571 | 1.035 ppm | ± 0.034 ppm |
| 1,1-Dichloroethane | 75-34-3 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.042 ppm |
| Methyl Tert Butyl Ether | 1634-04-4 | 1.000 ppm | 2.571 | 1.050 ppm | ± 0.031 ppm |
| Vinyl Acetate | 108-05-4 | 1.000 ppm | 2.571 | 1.139 ppm | ± 0.030 ppm |
| Methyl Ethyl Ketone | 78-93-3 | 1.000 ppm | 2.571 | 1.060 ppm | ± 0.023 ppm |
| Cis-1,2-Dichloroethene | 156-59-2 | 1.000 ppm | 2.571 | 1.081 ppm | ± 0.042 ppm |
| Hexane | 110-54-3 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.041 ppm |
| Chloroform | 67-66-3 | 1.000 ppm | 2.571 | 1.034 ppm | ± 0.026 ppm |
| Ethyl Acetate | 141-78-6 | 1.000 ppm | 2.571 | 1.028 ppm | ± 0.026 ppm |
| Tetrahydrofuran | 109-99-9 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.025 ppm |
| 1,2-Dichloroethane | 107-06-2 | 1.000 ppm | 2.571 | 1.037 ppm | ± 0.032 ppm |
| 1,1,1-Trichloroethane | 71-55-6 | 1.000 ppm | 2.571 | 1.040 ppm | ± 0.034 ppm |
| Benzene | 71-43-2 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.040 ppm |
| 1-Butanol | 71-36-3 | 1.000 ppm | 2.571 | 1.092 ppm | ± 0.027 ppm |
| Carbon Tetrachloride | 56-23-5 | 1.000 ppm | 2.571 | 1.045 ppm | ± 0.026 ppm |
| Cyclohexane | 110-82-7 | 1.000 ppm | 2.571 | 1.058 ppm | ± 0.032 ppm |
| Dibromomethane | 74-95-3 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.026 ppm |
| 1,2-Dichloropropane | 78-87-5 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.026 ppm |
| Trichloroethylene | 79-01-6 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.025 ppm |
| Bromodichloromethane | 75-27-4 | 1.000 ppm | 2.571 | 1.043 ppm | ± 0.025 ppm |
| 1,4-Dioxane | 123-91-1 | 1.000 ppm | 2.571 | 1.045 ppm | ± 0.025 ppm |
| 2,2,4-Trimethylpentane | 540-84-1 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.025 ppm |
| Methyl Methacrylate | 80-62-6 | 1.000 ppm | 2.571 | 1.049 ppm | ± 0.024 ppm |
| Heptane | 142-82-5 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.024 ppm |
| Cis-1,3-Dichloropropene | 10061-01-5 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.028 ppm |
| Methyl Isobutyl Ketone | 108-10-1 | 1.000 ppm | 2.571 | 1.044 ppm | ± 0.028 ppm |
| Methylcyclohexane | 108-87-2 | 1.000 ppm | 2.571 | 1.042 ppm | ± 0.028 ppm |

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# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403


Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Trans-1,3-Dichloropropene | 10061-02-6 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.026 ppm |
| 1,1,2-Trichloroethane | 79-00-5 | 1.000 ppm | 2.571 | 1.046 ppm | ± 0.023 ppm |
| Toluene | 108-88-3 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| Methyl Butyl Ketone | 591-78-6 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.024 ppm |
| Dibromochloromethane | 124-48-1 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.023 ppm |
| 1,2-Dibromoethane | 106-93-4 | 1.000 ppm | 2.571 | 1.049 ppm | ± 0.023 ppm |
| n-Octane | 111-65-9 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.027 ppm |
| Tetrachloroethylene | 127-18-4 | 1.000 ppm | 2.571 | 1.039 ppm | ± 0.020 ppm |
| Chlorobenzene | 108-90-7 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.023 ppm |
| Ethylbenzene | 100-41-4 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.022 ppm |
| p-xylene | 106-42-3 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.021 ppm |
| m-xylene | 108-38-3 | 1.000 ppm | 2.571 | 1.048 ppm | ± 0.021 ppm |
| Bromoform | 75-25-2 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.051 ppm |
| Styrene | 100-42-5 | 1.000 ppm | 2.571 | 1.056 ppm | ± 0.023 ppm |
| o-xylene | 95-47-6 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.022 ppm |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | 1.000 ppm | 2.571 | 1.051 ppm | ± 0.022 ppm |
| 1,2,3-Trichloropropane | 96-18-4 | 1.000 ppm | 2.571 | 1.065 ppm | ± 0.031 ppm |
| Nonane | 111-84-2 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.021 ppm |
| Cumene | 98-82-8 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.024 ppm |
| 2-Chlorotoluene | 95-49-8 | 1.000 ppm | 2.571 | 1.063 ppm | ± 0.031 ppm |
| n-Propylbenzene | 103-65-1 | 1.000 ppm | 2.571 | 1.057 ppm | ± 0.031 ppm |
| 4-Ethyltoluene | 622-96-8 | 1.000 ppm | 2.571 | 1.052 ppm | ± 0.039 ppm |
| 1,3,5-Trimethylbenzene | 108-67-8 | 1.000 ppm | 2.571 | 1.053 ppm | ± 0.045 ppm |
| alpha-Methyl Styrene | 98-83-9 | 1.000 ppm | 2.571 | 1.081 ppm | ± 0.045 ppm |
| Tert-Butyl Benzene | 98-06-6 | 1.000 ppm | 2.571 | 1.062 ppm | ± 0.048 ppm |
| 1,2,4-Trimethylbenzene | 95-63-6 | 1.000 ppm | 2.571 | 1.069 ppm | ± 0.048 ppm |
| 1,3-Dichlorobenzene | 541-73-1 | 1.000 ppm | 2.571 | 1.086 ppm | ± 0.050 ppm |

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# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
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**PAGE:** 5 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| Benzyl Chloride | 100-44-7 | 1.000 ppm | 2.571 | 1.078 ppm | ± 0.049 ppm |
| n-Decane | 124-18-5 | 1.000 ppm | 2.571 | 1.080 ppm | ± 0.049 ppm |
| 1,4-Dichlorobenzene | 106-46-7 | 1.000 ppm | 2.571 | 1.087 ppm | ± 0.048 ppm |
| Sec-Butyl Benzene | 135-98-8 | 1.000 ppm | 2.571 | 1.067 ppm | ± 0.051 ppm |
| 4-Isopropyltoluene | 99-87-6 | 1.000 ppm | 2.571 | 1.077 ppm | ± 0.056 ppm |
| 1,2-Dichlorobenzene | 95-50-1 | 1.000 ppm | 2.571 | 1.080 ppm | ± 0.047 ppm |
| n-Butyl Benzene | 104-51-8 | 1.000 ppm | 2.571 | 1.092 ppm | ± 0.059 ppm |
| n-Undecane | 1120-21-4 | 1.000 ppm | 2.571 | 1.074 ppm | ± 0.058 ppm |
| 1,2,4-Trichlorobenzene | 120-82-1 | 1.000 ppm | 2.571 | 1.173 ppm | ± 0.068 ppm |
| Naphthalene | 91-20-3 | 1.000 ppm | 2.571 | 1.189 ppm | ± 0.094 ppm |
| n-Dodecane | 112-40-3 | 1.000 ppm | 2.571 | 1.084 ppm | ± 0.076 ppm |

**Linde Spectra Environmental Gases**

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**Linde North America, Inc.**

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

THE LINDE GROUP

ISO/IEC 17025

ANAB ACCREDITED ISO/IEC 17025 TESTING LABORATORY

# Analysis Report

**SHIPPED TO:**
Test America Inc
30 Community Dr Ste 11
South Burlington, VT 05403

**PAGE:** 6 of 6
Report ID: 39140
Revision: 0

| | | | |
|---|---|---|---|
| **Sales#:** | 117495978 | **Cylinder Size:** | 152 (8" X 47.5") |
| **Production#:** | 1603549 | **Cylinder # :** | CC-524925 |
| **Report Date:** | Mar-27-2024 | **Cylinder Pressure:** | 2000 psig |
| **P.O.#:** | 75737466 | **Cylinder Valve:** | CGA 350 / Steel |
| **Blend Type:** | ISO-17025 | **Cylinder Volume:** | 29.5 Liter |
| **Material#:** | 24104980 | **Cylinder Material:** | Aluminum |
| **Traceability:** | NIST by weight | **Gas Volume:** | 4000 Liters |
| **Expiration Date:** | Mar-27-2025 | **Blend Tolerance:** | 10% Relative |
| **Do NOT use under:** | 150 psig | **Method of Analysis:** | GC-FID |

| COMPONENT | CAS Number | Requested Conc | (k @ 95%) | Reported Conc | Uncertainty |
|---|---|---|---|---|---|
| 1,2,3-Trichlorobenzene | 87-61-6 | 1.000 ppm | 2.571 | 1.165 ppm | ± 0.082 ppm |
| Hexachloro-1,3-Butadiene | 87-68-3 | 1.000 ppm | 2.571 | 1.124 ppm | ± 0.064 ppm |
| Nitrogen | 7727-37-9 | Balance | | Balance | |

20% Blend Tolerance on Acetonitrile, Acrolein, Isopropyl Alcohol, Vinyl Acetate, Tert-Butanol, 1-Butanol, 1,2,4-Trichlorobenzene, Naphthalene, 1,2,3-Trichlorobenzene, alpha-Methylstyrene, Benzyl Chloride, and Hexachloro-1,3-Butadiene.

25% Blend Tolerance on Methanol.

No Stability Guarantee on Methanol.

Lou Lorenzetti

**ANALYST:** Lou Lorenzetti

**DATE:** Mar-27-2024

**Linde Spectra Environmental Gases**

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**Linde North America, Inc.**

80 Industrial Drive, Alpha, NJ 08865
Phone: +1.908.329-9700 FAX: +1.908.329-9740

# Reagent

# ATTO15WISs_00010

Spectra Gases, Inc.

3434 Route 22 West, Branchburg, New Jersey 08876 USA

ISO 9001:2000

AT~~06~~ = 02-06-05 9/28/05 MTP

SHIPPED FROM: 80 INDUSTRIAL DRIVE ALPHA, NJ. 08865

**SHIPPED TO:** Severn Trent Labs
208 South Park Drive
Suite 1
Colchester , VT 05446

Recert AT020/009 exp 12/14/08
Instrument F

# CERTIFICATE OF ANALYSIS

Lot# 238643

| | |
|---|---|
| **SGI ORDER # :** | 0077411 |
| **ITEM# :** | 1 |
| **CERTIFICATION DATE:** | 9/16/2005 |
| **P.O.# :** | 2117184 |
| **BLEND TYPE:** | CERTIFIED |

**CYLINDER # :** CC-172855
**CYLINDER PRES:** 2000 psig
**CYLINDER VALVE:** CGA 350
**PRODUCT EXPIRATION DATE:** 9/16/2006 *

**ANALYTICAL ACCURACY: +/- 10%**

| COMPONENT | REQUESTED GAS CONC | ANALYSIS |
|---|---|---|
| Bromochloromethane | 100 ppb | 100 ppb |
| 1,4-Difluorobenzene | 100 ppb | 101 ppb |
| Chlorobenzene-d5 | 100 ppb | 100 ppb |
| 4-Bromofluorobenzene | 100 ppb | 100 ppb |
| Nitrogen | Balance | Balance |

1675511
ID ATTO15WISs_00010
Exp:11/05/25 Prpd:TPB Opn:11/05/20
Instrument W Internal Sta

* Exp: 11/05/2025
* Recertify at 11/05/2020 by TPB

**ANALYST:** April Chamberlain

**DATE:** 9/19/2005

Tel: +1 908-252-9300 Fax: +1 908-252-0811
www.spectragases.com

# Method TO15

## Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63948-03.d

Lab ID: LCS 200-213497/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Dichlorodifluoromethane | 49.4 | 55.7 | 113 | 61-142 | |
| Chlorodifluoromethane | 35.4 | 40.3 | 114 | 60-147 | |
| 1,2-Dichlorotetrafluoroethane | 69.9 | 75.3 | 108 | 71-141 | |
| Chloromethane | 20.6 | 23.2 | 113 | 56-141 | |
| n-Butane | 23.8 | 26.8 | 113 | 53-151 | |
| Vinyl chloride | 25.6 | 25.9 | 101 | 61-135 | |
| 1,3-Butadiene | 22.1 | 21.5 | 97 | 58-139 | |
| Bromomethane | 38.8 | 40.6 | 104 | 72-124 | |
| Chloroethane | 26.4 | 29.3 | 111 | 68-130 | |
| Bromoethene(Vinyl Bromide) | 43.7 | 45.6 | 104 | 75-125 | |
| Trichlorofluoromethane | 56.2 | 61.0 | 109 | 70-129 | |
| 1,1,2-Trichlorotrifluoroethane | 76.6 | 81.2 | 106 | 70-121 | |
| 1,1-Dichloroethene | 39.6 | 42.1 | 106 | 68-120 | |
| Acetone | 23.7 | 26.9 | 113 | 54-154 | |
| Isopropyl alcohol | 24.6 | 33.1 | 135 | 53-142 | |
| Carbon disulfide | 31.1 | 34.2 | 110 | 71-138 | |
| 3-Chloropropene | 31.3 | 32.2 | 103 | 50-150 | |
| Methylene Chloride | 34.7 | 39.0 | 112 | 59-137 | |
| tert-Butyl alcohol | 30.3 | 34.5 | 114 | 66-132 | |
| Methyl tert-butyl ether | 36.0 | 41.1 | 114 | 70-127 | |
| trans-1,2-Dichloroethene | 39.6 | 44.1 | 111 | 69-137 | |
| n-Hexane | 35.2 | 40.7 | 115 | 63-138 | |
| 1,1-Dichloroethane | 40.5 | 43.8 | 108 | 66-130 | |
| Methyl Ethyl Ketone (2-Butanone) | 29.5 | 34.4 | 117 | 72-124 | |
| cis-1,2-Dichloroethene | 39.6 | 43.2 | 109 | 72-121 | |
| Chloroform | 48.8 | 53.2 | 109 | 73-124 | |
| Tetrahydrofuran | 29.5 | 33.4 | 113 | 60-149 | |
| 1,1,1-Trichloroethane | 54.6 | 60.2 | 110 | 72-127 | |
| Cyclohexane | 34.4 | 38.9 | 113 | 76-124 | |
| Carbon tetrachloride | 62.9 | 70.2 | 112 | 71-133 | |
| 2,2,4-Trimethylpentane | 46.7 | 55.3 | 118 | 68-131 | |
| Benzene | 31.9 | 34.6 | 108 | 73-119 | |
| 1,2-Dichloroethane | 40.5 | 46.4 | 115 | 68-135 | |
| n-Heptane | 41.0 | 50.6 | 123 | 60-142 | |
| Trichloroethene | 53.7 | 56.3 | 105 | 73-122 | |
| Methyl methacrylate | 40.9 | 47.6 | 116 | 73-129 | |
| 1,2-Dichloropropane | 46.2 | 52.1 | 113 | 69-128 | |
| 1,4-Dioxane | 36.0 | 43.7 | 121 | 66-129 | |
| Bromodichloromethane | 67.0 | 73.6 | 110 | 75-127 | |
| cis-1,3-Dichloropropene | 45.4 | 51.8 | 114 | 74-125 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63948-03.d

Lab ID: LCS 200-213497/3 Client ID:

| COMPOUND | SPIKE ADDED (ug/m3) | LCS CONCENTRATION (ug/m3) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 41.0 | 49.8 | 122 | 58-144 | |
| Toluene | 37.7 | 42.8 | 114 | 75-122 | |
| trans-1,3-Dichloropropene | 45.4 | 53.3 | 117 | 74-128 | |
| 1,1,2-Trichloroethane | 54.6 | 59.4 | 109 | 75-126 | |
| Tetrachloroethene | 67.8 | 70.5 | 104 | 70-125 | |
| Methyl Butyl Ketone (2-Hexanone) | 41.0 | 51.1 | 125 | 57-143 | |
| Dibromochloromethane | 85.2 | 88.4 | 104 | 73-125 | |
| 1,2-Dibromoethane | 76.8 | 84.3 | 110 | 78-122 | |
| Chlorobenzene | 46.0 | 48.4 | 105 | 76-119 | |
| Ethylbenzene | 43.4 | 49.5 | 114 | 74-122 | |
| m,p-Xylene | 86.8 | 100 | 115 | 76-121 | |
| o-Xylene | 43.4 | 50.3 | 116 | 73-123 | |
| Styrene | 42.6 | 50.8 | 119 | 74-125 | |
| Bromoform | 103 | 89.8 | 87 | 53-149 | |
| Cumene | 49.1 | 58.6 | 119 | 73-123 | |
| 1,1,2,2-Tetrachloroethane | 68.6 | 75.5 | 110 | 74-126 | |
| n-Propylbenzene | 49.1 | 57.6 | 117 | 73-127 | |
| 4-Ethyltoluene | 49.2 | 57.8 | 118 | 75-129 | |
| 1,3,5-Trimethylbenzene | 49.2 | 56.3 | 115 | 72-126 | |
| 2-Chlorotoluene | 51.8 | 59.1 | 114 | 74-126 | |
| tert-Butylbenzene | 54.9 | 63.2 | 115 | 71-125 | |
| 1,2,4-Trimethylbenzene | 49.2 | 57.8 | 118 | 71-129 | |
| sec-Butylbenzene | 54.9 | 63.8 | 116 | 70-128 | |
| 4-Isopropyltoluene | 54.9 | 64.5 | 117 | 68-130 | |
| 1,3-Dichlorobenzene | 60.1 | 64.5 | 107 | 69-131 | |
| 1,4-Dichlorobenzene | 60.1 | 64.5 | 107 | 67-132 | |
| Benzyl chloride | 51.8 | 61.9 | 120 | 60-136 | |
| n-Butylbenzene | 54.9 | 66.7 | 122 | 65-137 | |
| 1,2-Dichlorobenzene | 60.1 | 63.8 | 106 | 68-129 | |
| 1,2,4-Trichlorobenzene | 74.2 | 98.8 | 133 | 50-150 | |
| Hexachlorobutadiene | 107 | 123 | 115 | 58-130 | |
| Naphthalene | 52.4 | 70.9 | 135 | 50-150 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab File ID: 63948-05.d Lab Sample ID: MB 200-213497/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHW.i Date Analyzed: 02/10/2025 10:46

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 200-213497/3 | 63948-03.d | 02/10/2025 09:04 |
| RX-21-01 | 200-76885-1 | 63948-11.d | 02/10/2025 16:10 |
| RX-21-01 DL | 200-76885-1 DL | 63948-12.d | 02/10/2025 17:01 |
| DUP_02052025 | 200-76885-2 | 63948-13.d | 02/10/2025 17:53 |
| DUP_02052025 DL | 200-76885-2 DL | 63948-14.d | 02/10/2025 18:43 |
| RX-18-01 | 200-76885-3 | 63948-15.d | 02/10/2025 19:34 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab File ID: 63614-02.d BFB Injection Date: 01/07/2025

Instrument ID: CHW.i BFB Injection Time: 16:38

Analysis Batch No.: 212624

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 16.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 44.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 85.9 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.4 | (7.4) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 83.9 | (97.7) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.5 | (6.6) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 200-212624/5 | 63614-05.d | 01/07/2025 | 19:13 |
| | IC 200-212624/12 | 63614-12.d | 01/08/2025 | 1:08 |
| | ICIS 200-212624/13 | 63614-13.d | 01/08/2025 | 2:00 |
| | IC 200-212624/14 | 63614-14.d | 01/08/2025 | 2:50 |
| | IC 200-212624/17 | 63614-17.d | 01/08/2025 | 5:24 |
| | IC 200-212624/18 | 63614-18.d | 01/08/2025 | 6:16 |
| | IC 200-212624/19 | 63614-19.d | 01/08/2025 | 7:06 |
| | IC 200-212624/25 | 63614-25.D | 01/08/2025 | 12:11 |
| | ICV 200-212624/27 | 63614-27.d | 01/08/2025 | 14:53 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab File ID: 63948-01.d BFB Injection Date: 02/10/2025

Instrument ID: CHW.i BFB Injection Time: 07:20

Analysis Batch No.: 213497

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 17.3 | |
| 75 | 30.0 - 66.0% of mass 95 | 45.5 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 86.4 | |
| 175 | 4.0 - 9.0 % of mass 174 | 6.2 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 83.8 | (96.9) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 5.4 | (6.5) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 200-213497/2 | 63948-02.d | 02/10/2025 | 8:13 |
| | LCS 200-213497/3 | 63948-03.d | 02/10/2025 | 9:04 |
| | MB 200-213497/5 | 63948-05.d | 02/10/2025 | 10:46 |
| RX-21-01 | 200-76885-1 | 63948-11.d | 02/10/2025 | 16:10 |
| RX-21-01 DL | 200-76885-1 DL | 63948-12.d | 02/10/2025 | 17:01 |
| DUP_02052025 | 200-76885-2 | 63948-13.d | 02/10/2025 | 17:53 |
| DUP_02052025 DL | 200-76885-2 DL | 63948-14.d | 02/10/2025 | 18:43 |
| RX-18-01 | 200-76885-3 | 63948-15.d | 02/10/2025 | 19:34 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Sample No.: ICIS 200-212624/13 Date Analyzed: 01/08/2025 02:00

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63614-13.d Heated Purge: (Y/N) N

Calibration ID: 54299

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 166089 | 12.18 | 835711 | 14.19 | 736944 | 19.90 |
| UPPER LIMIT | | 232525 | 12.51 | 1169995 | 14.52 | 1031722 | 20.23 |
| LOWER LIMIT | | 99653 | 11.85 | 501427 | 13.86 | 442166 | 19.57 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 200-212624/27 | | 194406 | 12.18 | 996333 | 14.19 | 869178 | 19.90 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Sample No.: CCVIS 200-213497/2 Date Analyzed: 02/10/2025 08:13

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63948-02.d Heated Purge: (Y/N) N

Calibration ID: 54299

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 159675 | 12.17 | 791007 | 14.18 | 693826 | 19.90 |
| UPPER LIMIT | | 223545 | 12.50 | 1107410 | 14.51 | 971356 | 20.23 |
| LOWER LIMIT | | 95805 | 11.84 | 474604 | 13.85 | 416296 | 19.57 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 200-213497/3 | | 165724 | 12.17 | 832539 | 14.18 | 725356 | 19.90 |
| MB 200-213497/5 | | 163426 | 12.17 | 814539 | 14.18 | 689872 | 19.90 |
| 200-76885-1 | RX-21-01 | 149859 | 12.18 | 754552 | 14.18 | 659976 | 19.90 |
| 200-76885-1 DL | RX-21-01 DL | 151160 | 12.18 | 764642 | 14.18 | 657225 | 19.90 |
| 200-76885-2 | DUP_02052025 | 145676 | 12.17 | 725675 | 14.18 | 627021 | 19.90 |
| 200-76885-2 DL | DUP_02052025 DL | 146711 | 12.18 | 727079 | 14.18 | 622832 | 19.90 |
| 200-76885-3 | RX-18-01 | 152003 | 12.18 | 744396 | 14.18 | 668230 | 19.90 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01 Lab Sample ID: 200-76885-1

Matrix: Air Lab File ID: 63948-11.d

Analysis Method: TO-15 Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 2.5 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 1.0 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 50.49 | 1.0 | U | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 1.2 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 94.94 | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 64.52 | 1.3 | U | 1.3 | 0.47 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.87 | U | 0.87 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 1.6 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.64 | J | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 58.08 | 25 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 3.9 | J | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 76.14 | 5.2 | | 1.6 | 0.40 |
| 107-05-1 | 3-Chloropropene | 76.53 | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 84.93 | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 14 | J | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 86.17 | 87 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 5.1 | | 1.5 | 1.4 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 119.38 | 5.7 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 1.2 | | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 84.16 | 0.26 | J | 0.69 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.22 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.20 | J | 0.93 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01  Lab Sample ID: 200-76885-1

Matrix: Air  Lab File ID: 63948-11.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 71-43-2 | Benzene | 78.11 | 2.2 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 100.21 | 35 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 131.39 | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 100.12 | 2.0 | U | 2.0 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 18 | U | 18 | 0.30 |
| 75-27-4 | Bromodichloromethane | 163.83 | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 3.0 | | 2.0 | 0.53 |
| 108-88-3 | Toluene | 92.14 | 14 | | 0.75 | 0.23 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.61 | J | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 1.0 | J | 2.0 | 0.61 |
| 124-48-1 | Dibromochloromethane | 208.28 | 1.7 | U | 1.7 | 0.54 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 106.17 | 6.5 | | 0.87 | 0.30 |
| 179601-23-1 | m,p-Xylene | 106.17 | 30 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 106.17 | 9.5 | | 0.87 | 0.27 |
| 100-42-5 | Styrene | 104.15 | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 252.75 | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 120.19 | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.30 | J | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.36 | J | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 1.0 | U | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.26 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01  Lab Sample ID: 200-76885-1

Matrix: Air  Lab File ID: 63948-11.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.89 | J | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 1.1 | U | 1.1 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.44 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 126.58 | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 3.7 | U | 3.7 | 2.4 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 128.17 | 2.0 | U | 2.0 | 1.6 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01 Lab Sample ID: 200-76885-1

Matrix: Air Lab File ID: 63948-11.d

Analysis Method: TO-15 Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 0.50 | | 0.50 | 0.11 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 0.28 | J | 0.50 | 0.12 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 0.20 | U | 0.20 | 0.048 |
| 74-87-3 | Chloromethane | 50.49 | 0.50 | U | 0.50 | 0.15 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.078 | U | 0.078 | 0.021 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 0.53 | | 0.20 | 0.039 |
| 74-83-9 | Bromomethane | 94.94 | 0.20 | U | 0.20 | 0.071 |
| 75-00-3 | Chloroethane | 64.52 | 0.50 | U | 0.50 | 0.18 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.20 | U | 0.20 | 0.050 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 0.29 | | 0.20 | 0.050 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.084 | J | 0.20 | 0.053 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.026 |
| 67-64-1 | Acetone | 58.08 | 11 | | 5.0 | 1.6 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 1.6 | J | 5.0 | 1.6 |
| 75-15-0 | Carbon disulfide | 76.14 | 1.7 | | 0.50 | 0.13 |
| 107-05-1 | 3-Chloropropene | 76.53 | 0.50 | U | 0.50 | 0.12 |
| 75-09-2 | Methylene Chloride | 84.93 | 0.50 | U | 0.50 | 0.18 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 4.5 | J | 5.0 | 1.2 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.20 | U | 0.20 | 0.036 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.023 |
| 110-54-3 | n-Hexane | 86.17 | 25 | | 0.50 | 0.11 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.025 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 1.7 | | 0.50 | 0.49 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.021 |
| 67-66-3 | Chloroform | 119.38 | 1.2 | | 0.20 | 0.041 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 5.0 | U | 5.0 | 1.3 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 0.22 | | 0.20 | 0.044 |
| 110-82-7 | Cyclohexane | 84.16 | 0.074 | J | 0.20 | 0.058 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.034 | | 0.035 | 0.022 |
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.043 | J | 0.20 | 0.038 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01 Lab Sample ID: 200-76885-1

Matrix: Air Lab File ID: 63948-11.d

Analysis Method: TO-15 Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 71-43-2 | Benzene | 78.11 | 0.68 | | 0.20 | 0.044 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.093 |
| 142-82-5 | n-Heptane | 100.21 | 8.6 | | 0.20 | 0.055 |
| 79-01-6 | Trichloroethene | 131.39 | 0.037 | U | 0.037 | 0.025 |
| 80-62-6 | Methyl methacrylate | 100.12 | 0.50 | U | 0.50 | 0.14 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.20 | U | 0.20 | 0.094 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 5.0 | U | 5.0 | 0.082 |
| 75-27-4 | Bromodichloromethane | 163.83 | 0.20 | U | 0.20 | 0.050 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.045 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 0.74 | | 0.50 | 0.13 |
| 108-88-3 | Toluene | 92.14 | 3.7 | | 0.20 | 0.062 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.054 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.074 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.089 | J | 0.20 | 0.021 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 0.25 | J | 0.50 | 0.15 |
| 124-48-1 | Dibromochloromethane | 208.28 | 0.20 | U | 0.20 | 0.063 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 0.20 | U | 0.20 | 0.042 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.20 | U | 0.20 | 0.044 |
| 100-41-4 | Ethylbenzene | 106.17 | 1.5 | | 0.20 | 0.069 |
| 179601-23-1 | m,p-Xylene | 106.17 | 6.9 | | 0.50 | 0.095 |
| 95-47-6 | o-Xylene | 106.17 | 2.2 | | 0.20 | 0.063 |
| 100-42-5 | Styrene | 104.15 | 0.20 | U | 0.20 | 0.059 |
| 75-25-2 | Bromoform | 252.75 | 0.20 | U | 0.20 | 0.12 |
| 98-82-8 | Cumene | 120.19 | 0.20 | U | 0.20 | 0.041 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 0.20 | U | 0.20 | 0.043 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.20 | U | 0.20 | 0.047 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.061 | J | 0.20 | 0.049 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.074 | J | 0.20 | 0.047 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 0.20 | U | 0.20 | 0.046 |
| 98-06-6 | tert-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.047 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01  Lab Sample ID: 200-76885-1

Matrix: Air  Lab File ID: 63948-11.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:17

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 16:10

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.18 | J | 0.20 | 0.080 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.045 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 0.20 | U | 0.20 | 0.061 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.074 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.089 |
| 100-44-7 | Benzyl chloride | 126.58 | 0.20 | U | 0.20 | 0.088 |
| 104-51-8 | n-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.11 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.066 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 0.50 | U | 0.50 | 0.33 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 0.20 | U | 0.20 | 0.11 |
| 91-20-3 | Naphthalene | 128.17 | 0.38 | U | 0.38 | 0.30 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d
Lims ID: 200-76885-A-1
Client ID: RX-21-01
Sample Type: Client
Inject. Date: 10-Feb-2025 16:10:30 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-011
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:06:19 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 09:06:19

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.158 | 0.005 | 99 | 22283 | 0.4994 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.195 | 0.005 | 97 | 7794 | 0.2844 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | ND | 7 |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.006 | 96 | 1549 | 0.0900 | M |
| 6 Vinyl chloride | 62 | | 4.906 | | | | ND | |
| 7 Butane | 43 | 4.912 | 4.914 | 0.000 | 98 | 2227284 | 94.2 | E |
| 8 Butadiene | 54 | 5.019 | 5.021 | 0.000 | 95 | 7411 | 0.5258 | |
| 9 Bromomethane | 94 | | 5.762 | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | ND | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.715 | 0.005 | 98 | 12453 | 0.2900 | |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.004 | 8.007 | 0.000 | 55 | 3413 | 0.0839 | |
| 22 Acetone | 43 | 8.047 | 8.041 | 0.006 | 97 | 274839 | 10.6 | |
| 23 Isopropyl alcohol | 45 | 8.427 | 8.427 | 0.027 | 98 | 42854 | 1.59 | M |
| 24 Carbon disulfide | 76 | 8.448 | 8.459 | 0.000 | 99 | 95191 | 1.66 | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.063 | 0.000 | 96 | 2570 | 0.1165 | |
| 28 2-Methyl-2-propanol | 59 | 9.320 | 9.319 | 0.005 | 98 | 155982 | 4.46 | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | 9.684 | 9.677 | 0.011 | 24 | 1652 | 0.0329 | |
| 32 Hexane | 57 | 10.283 | 10.282 | 0.005 | 92 | 739574 | 24.7 | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | ND | MU |
| 36 2-Butanone (MEK) | 72 | 11.685 | 11.679 | 0.011 | 99 | 16613 | 1.73 | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.171 | 0.006 | 95 | 149859 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | |
| 41 Chloroform | 83 | 12.369 | 12.375 | 0.000 | 96 | 45469 | 1.16 | |
| 42 1,1,1-Trichloroethane | 97 | 12.712 | 12.712 | 0.000 | 97 | 8298 | 0.2199 | |
| 43 Cyclohexane | 84 | 12.883 | 12.883 | 0.005 | 59 | 1992 | 0.0741 | M |
| 44 Carbon tetrachloride | 117 | 13.027 | 13.032 | 0.000 | 73 | 1308 | 0.0344 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.006 | 94 | 43752 | 0.6814 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 46 1,2-Dichloroethane | 62 | | 13.471 | | | | ND | |
| 47 Isooctane | 57 | 13.632 | 13.632 | 0.000 | 21 | 4195 | 0.0435 | M |
| 48 n-Heptane | 43 | 13.958 | 13.964 | 0.000 | 93 | 282940 | 8.58 | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 95 | 754552 | 10.0 | |
| 51 Trichloroethene | 95 | | 14.654 | | | | ND | 7 |
| 53 1,2-Dichloropropane | 63 | | 15.135 | | | | ND | |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | MU |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | |
| 58 Dichlorobromomethane | 83 | | 15.622 | | | | ND | MU |
| 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.724 | 16.720 | 0.011 | 93 | 29587 | 0.7405 | |
| 62 Toluene | 92 | 17.136 | 17.141 | -0.005 | 94 | 161008 | 3.72 | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | 17.971 | 17.971 | 0.027 | 42 | 1317 | 0.0600 | M |
| 68 Tetrachloroethene | 166 | 18.169 | 18.168 | 0.001 | 95 | 3462 | 0.0893 | |
| 69 2-Hexanone | 43 | 18.356 | 18.356 | 0.016 | 93 | 9201 | 0.2520 | M |
| 70 Chlorodibromomethane | 129 | | 18.714 | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.971 | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 88 | 659976 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.961 | | | | ND | |
| 75 Ethylbenzene | 91 | 20.148 | 20.137 | 0.006 | 98 | 144018 | 1.49 | |
| 76 m-Xylene & p-Xylene | 106 | 20.389 | 20.394 | -0.005 | 0 | 258876 | 6.86 | |
| 78 o-Xylene | 106 | 21.106 | 21.111 | -0.005 | 99 | 76192 | 2.18 | |
| 79 Styrene | 104 | | 21.137 | | | | ND | MU |
| 81 Bromoform | 173 | | 21.458 | | | | ND | |
| 82 Isopropylbenzene | 105 | | 21.726 | | | | ND | MU |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | ND | MU |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.005 | 78 | 5887 | 0.0449 | M |
| 86 2-Chlorotoluene | 91 | | 22.534 | | | | ND | |
| 87 4-Ethyltoluene | 105 | 22.566 | 22.566 | 0.000 | 99 | 6529 | 0.0610 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.652 | 22.652 | 0.001 | 79 | 6731 | 0.0740 | |
| 91 tert-Butylbenzene | 119 | | 23.112 | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.005 | 97 | 16194 | 0.1816 | M |
| 93 sec-Butylbenzene | 105 | | 23.432 | | | | ND | |
| 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | ND | 7 |
| 95 4-Isopropyltoluene | 119 | 23.641 | 23.641 | -0.005 | 93 | 1706 | 0.0150 | Ma |
| 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | ND | 7 |
| 97 Benzyl chloride | 91 | | 23.919 | | | | ND | |
| 98 n-Butylbenzene | 91 | | 24.246 | | | | ND | 7 |
| 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | ND | |
| 103 Hexachlorobutadiene | 225 | | 27.290 | | | | ND | |
| 104 Naphthalene | 128 | | 27.573 | | | | ND | 7 |

## QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

## Reagents:

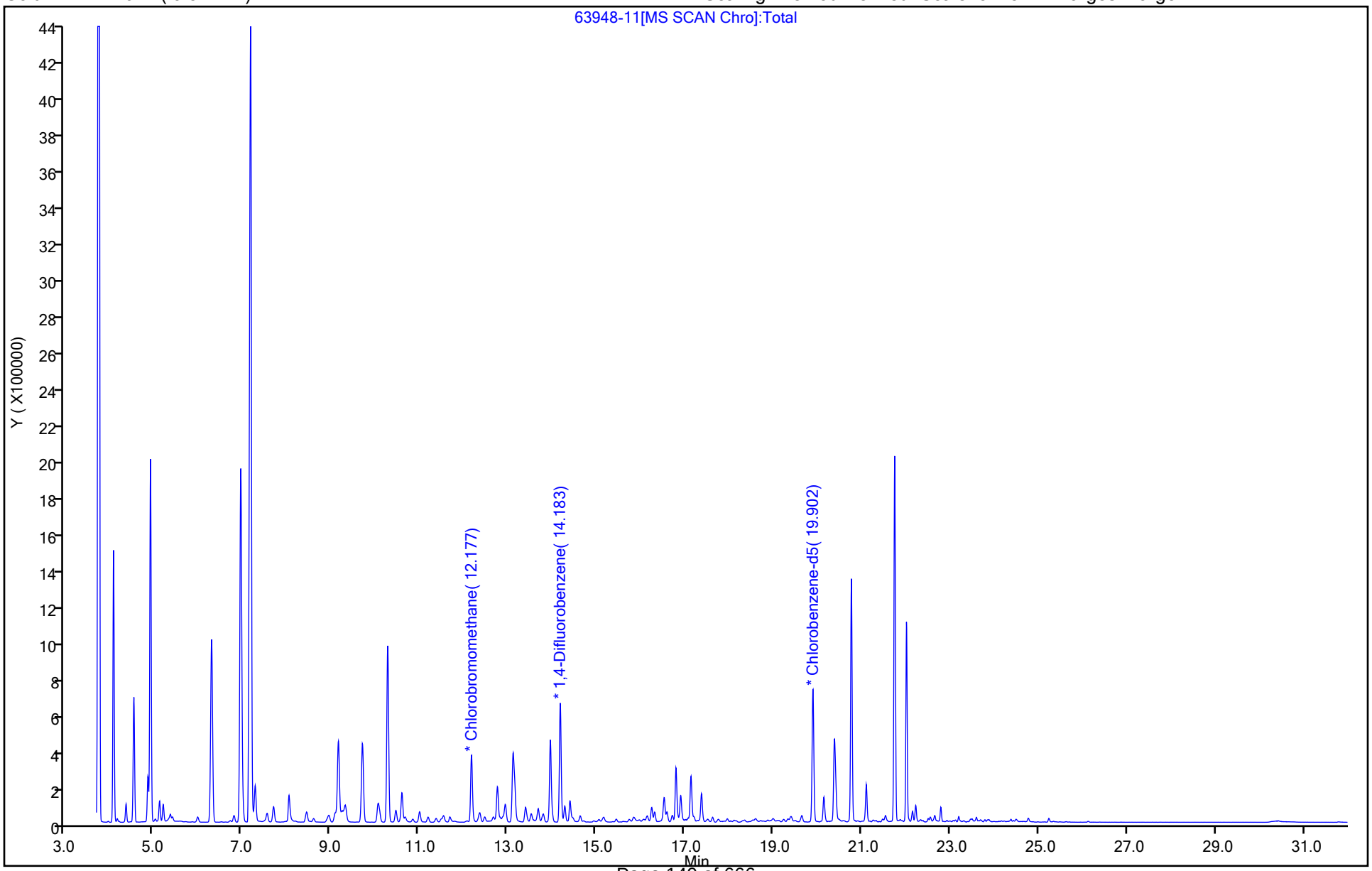
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | Worklist Smp#: | 11 |
| Client ID: | RX-21-01 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 10 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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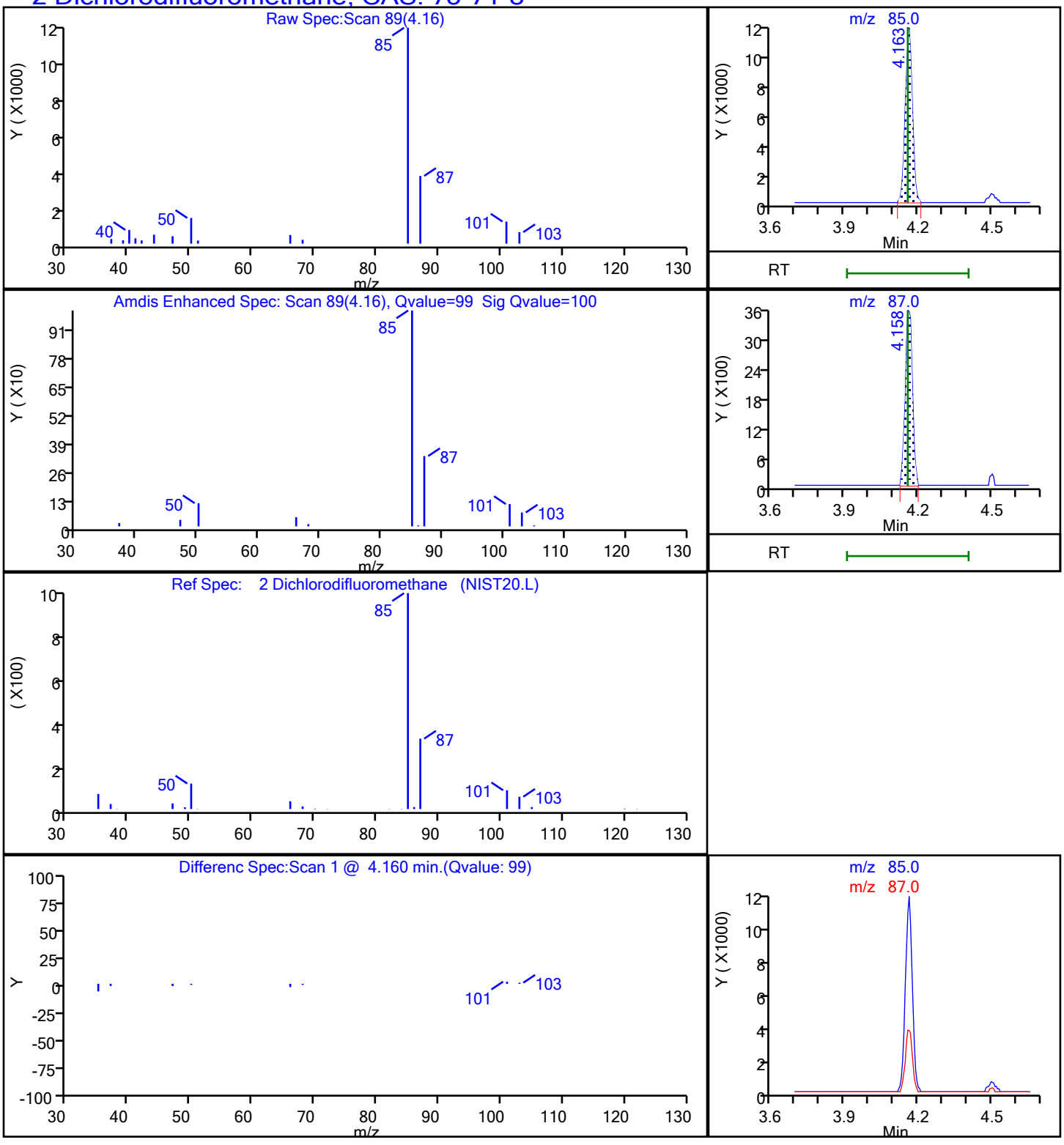
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 2 Dichlorodifluoromethane, CAS: 75-71-8



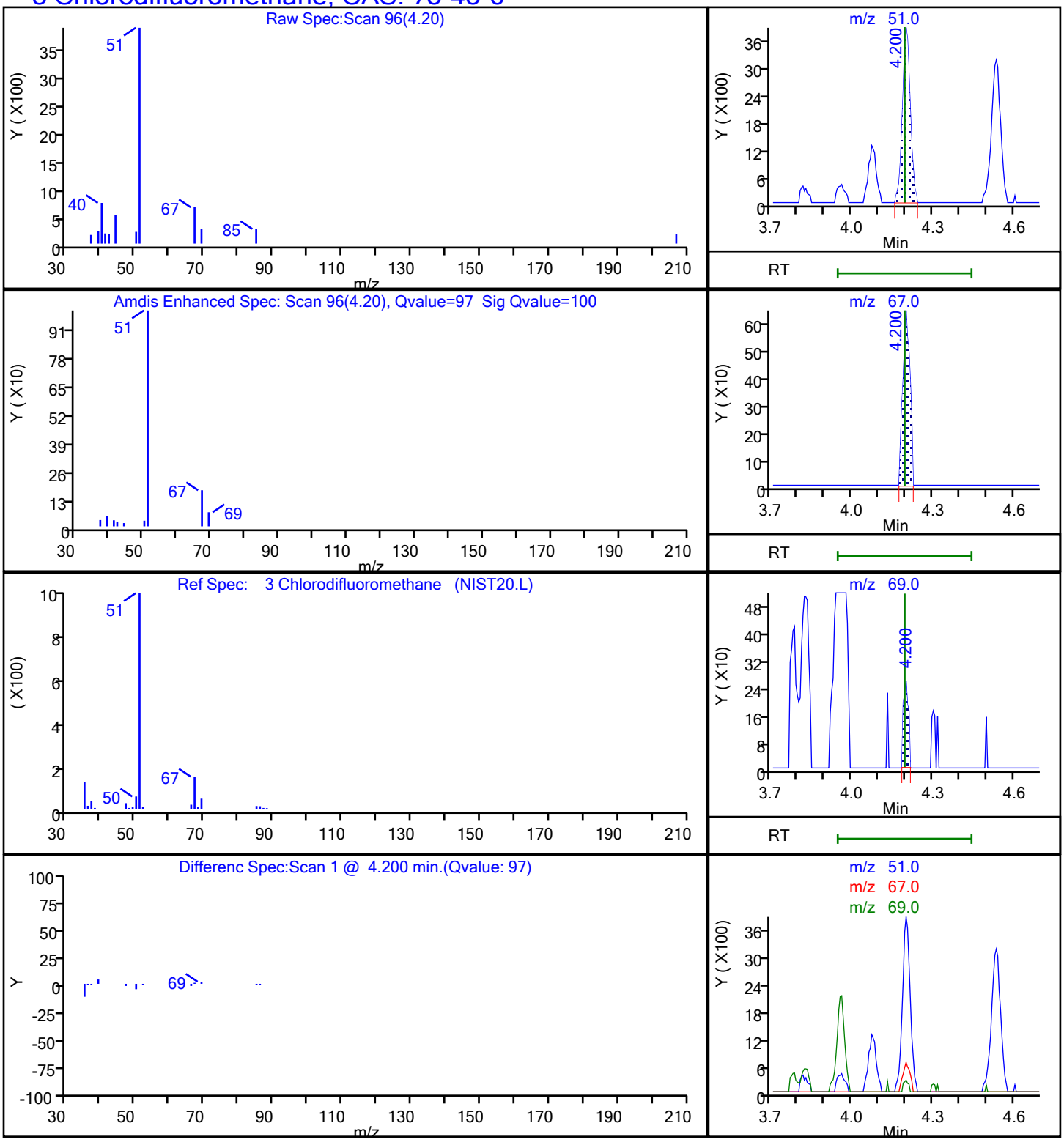
Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6



Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
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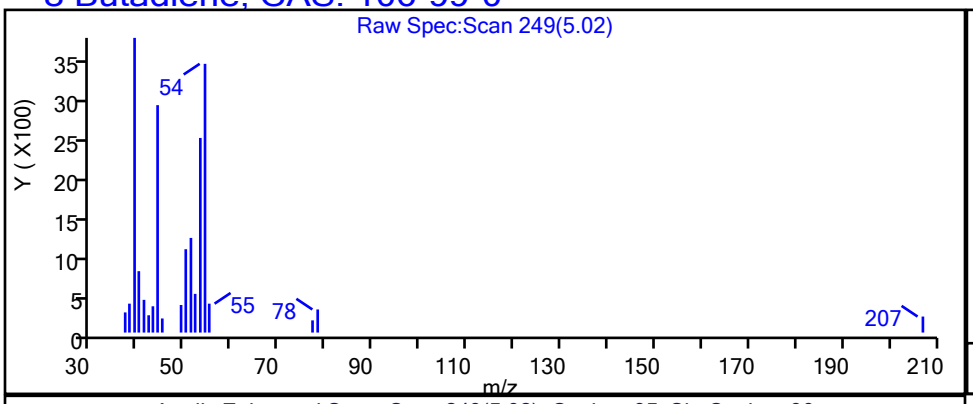
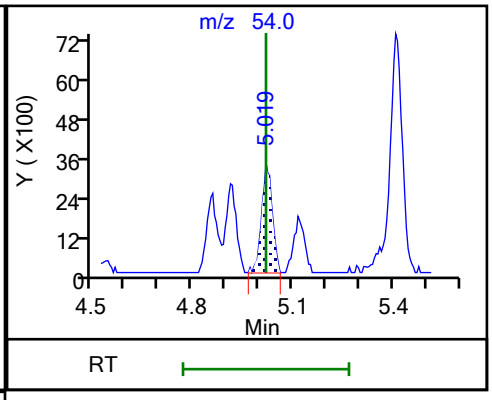
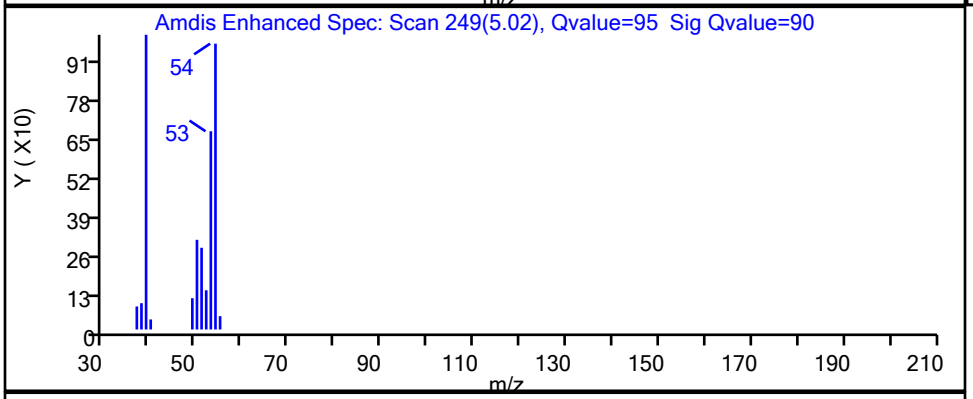
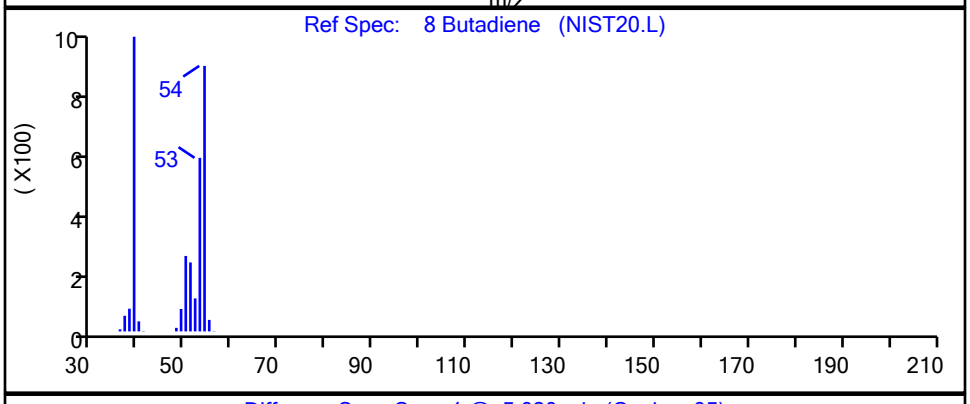
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

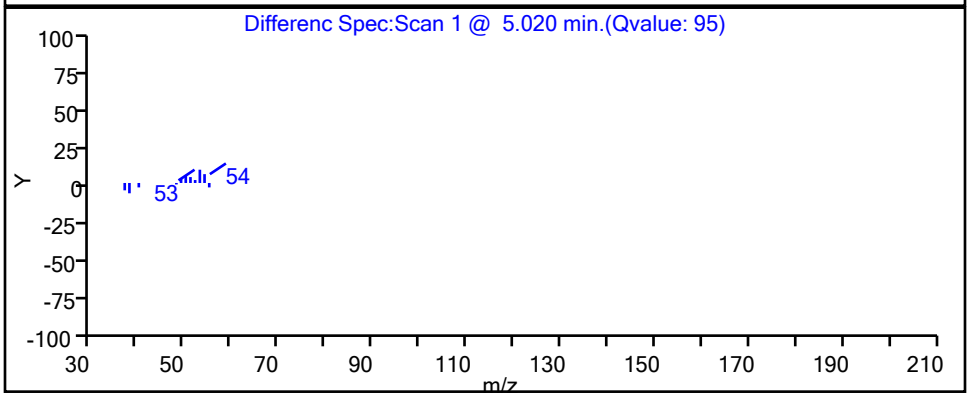
## 8 Butadiene, CAS: 106-99-0



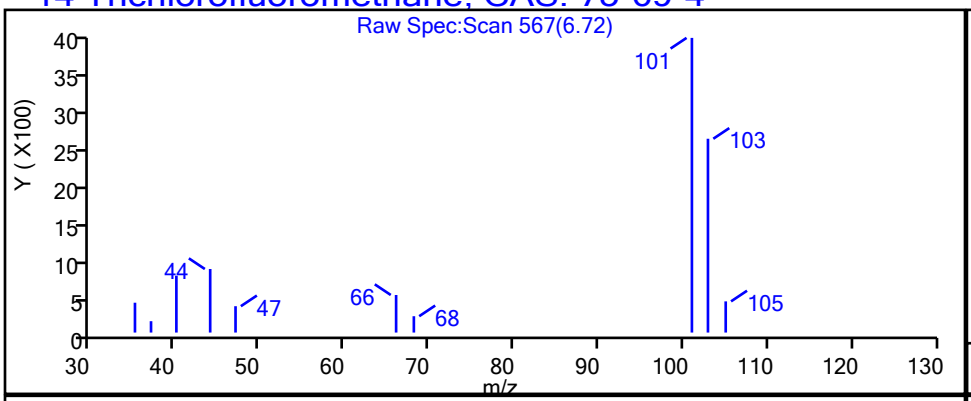
Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

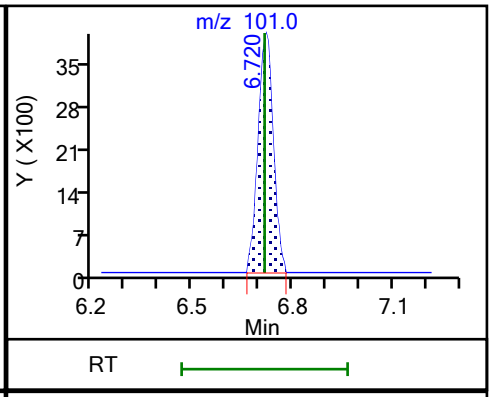
Eurofins Burlington

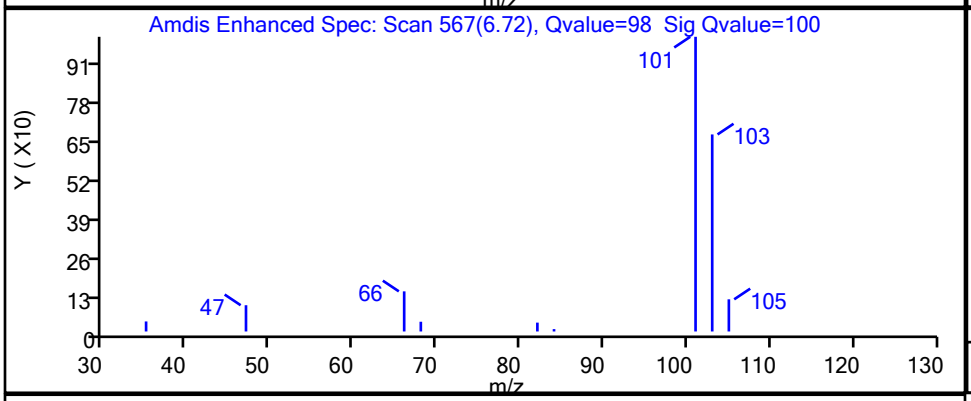
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

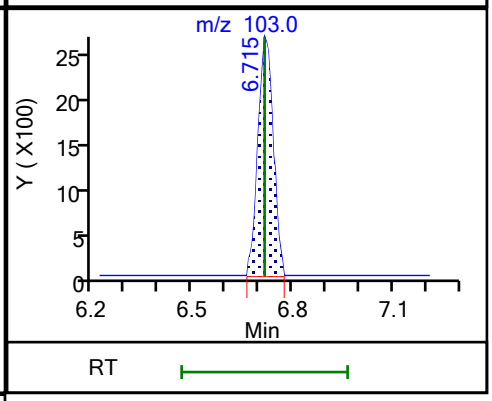
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

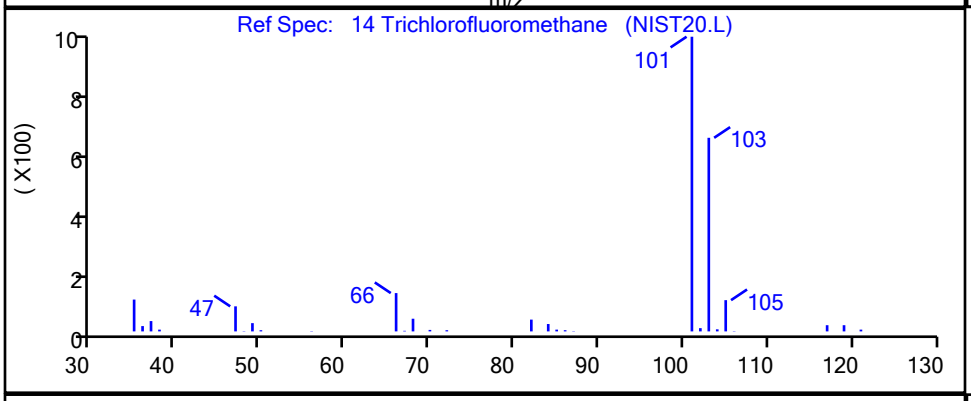
## 14 Trichlorofluoromethane, CAS: 75-69-4

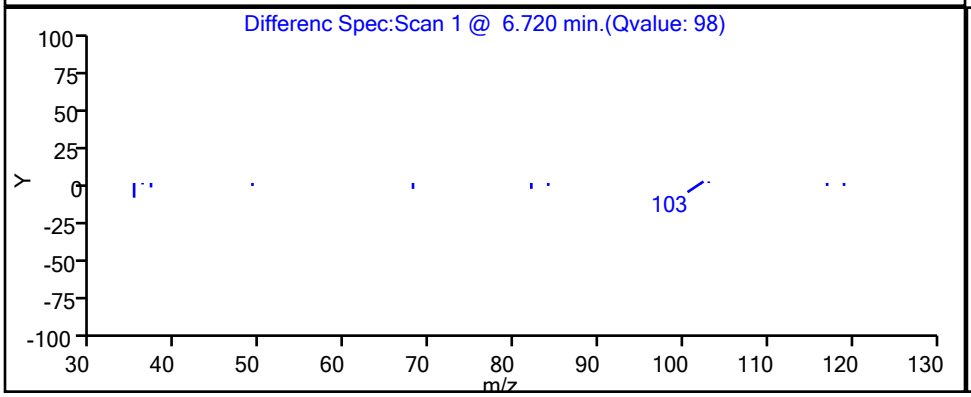


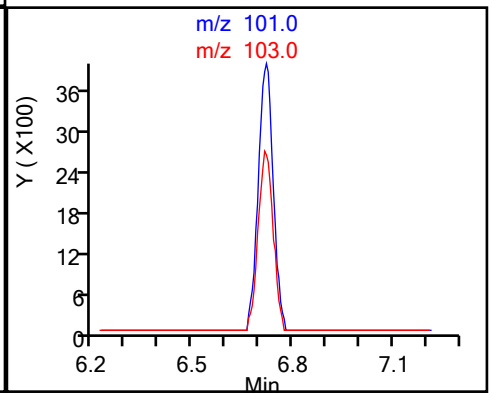



Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

Injection Date: 10-Feb-2025 16:10:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-1 Lab Sample ID: 200-76885-1

Client ID: RX-21-01

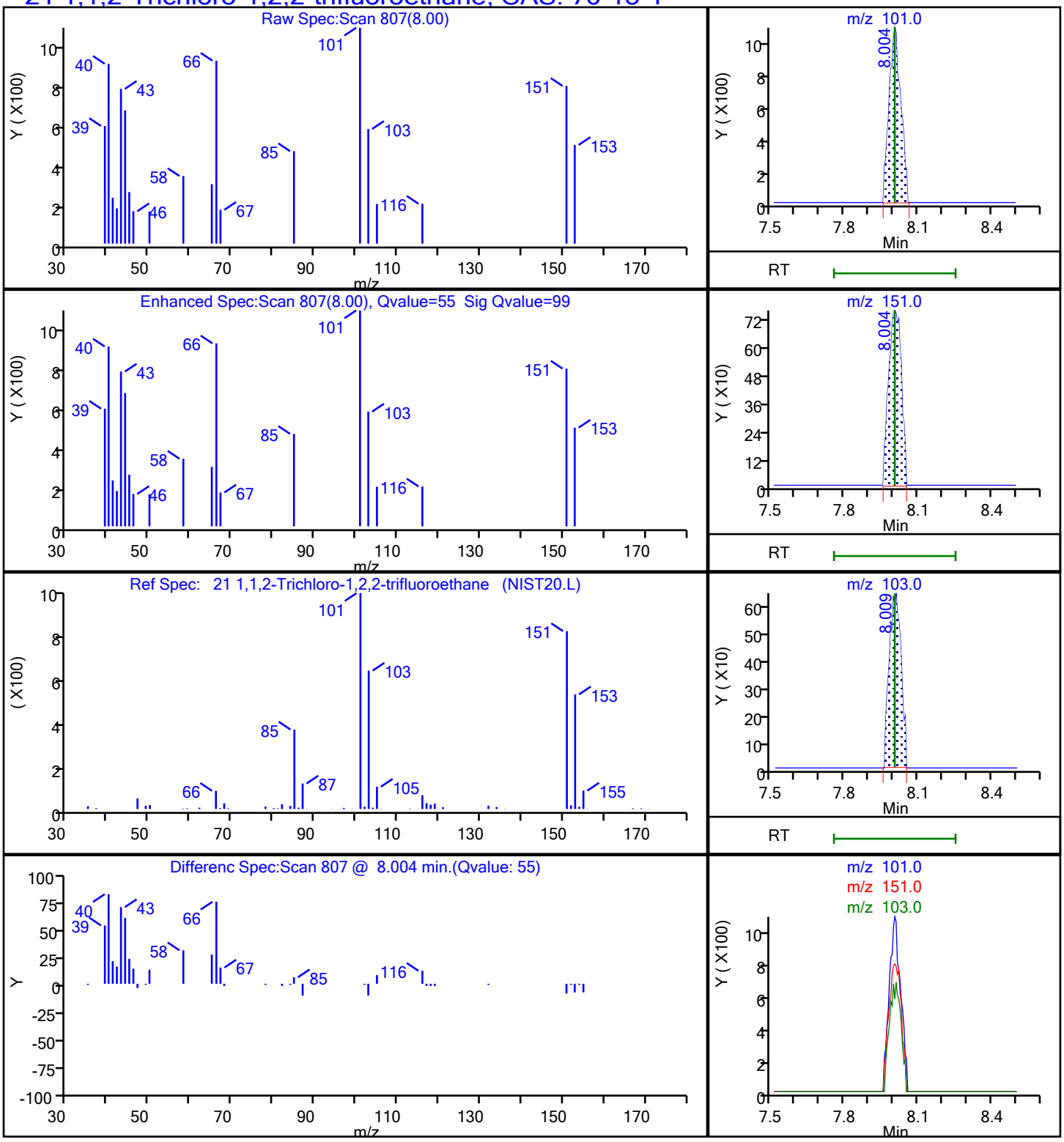
Operator ID: vtp ALS Bottle#: 10 Worklist Smp#: 11

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

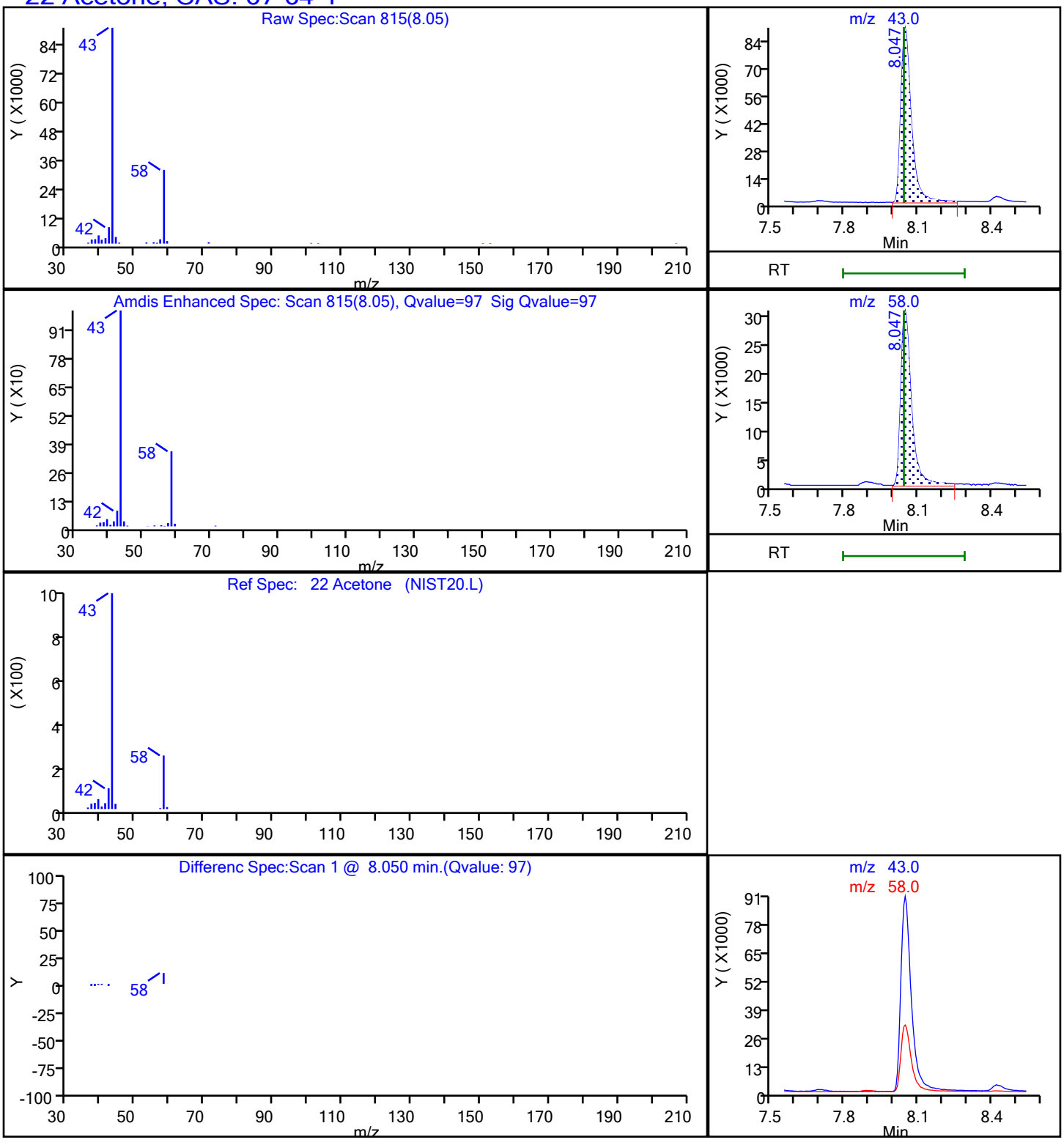


Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 22 Acetone, CAS: 67-64-1



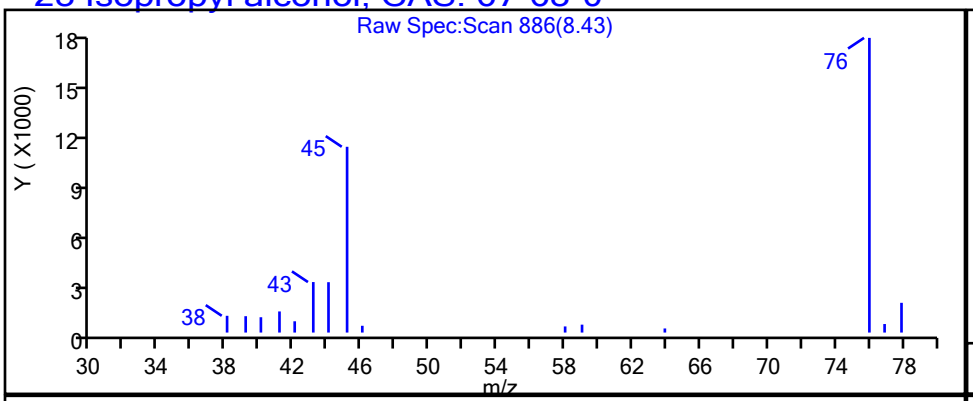
Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

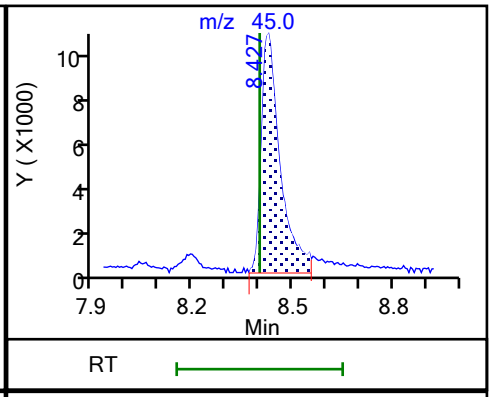
Eurofins Burlington

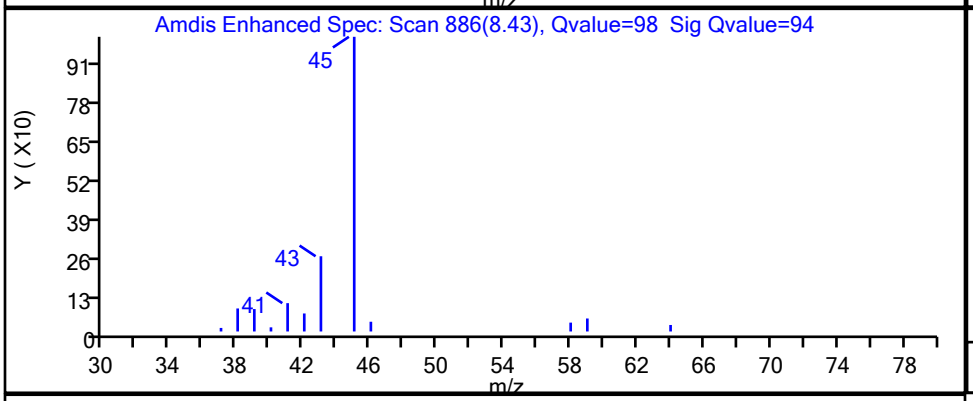
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

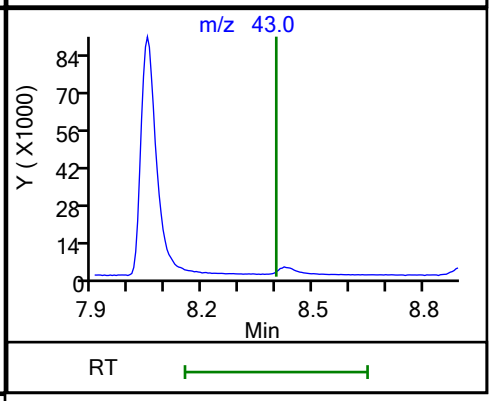
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

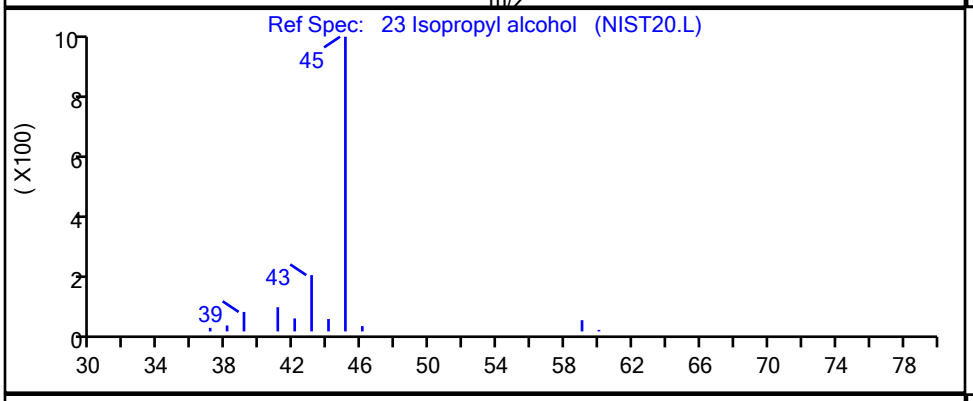
## 23 Isopropyl alcohol, CAS: 67-63-0

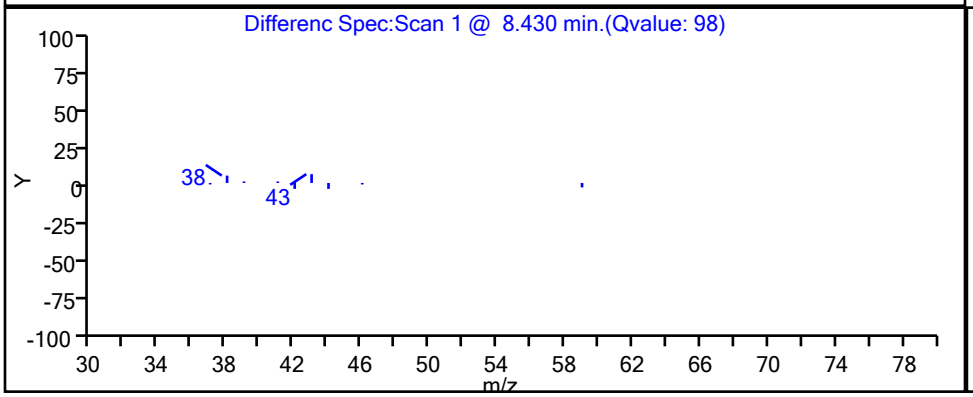


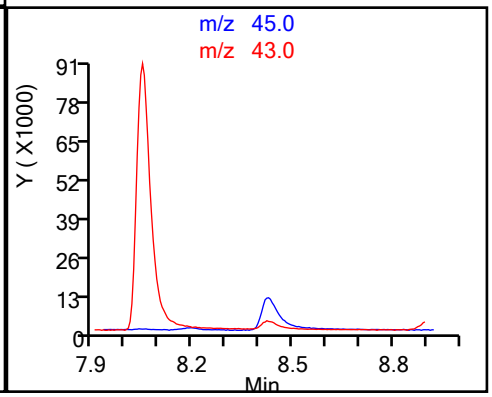



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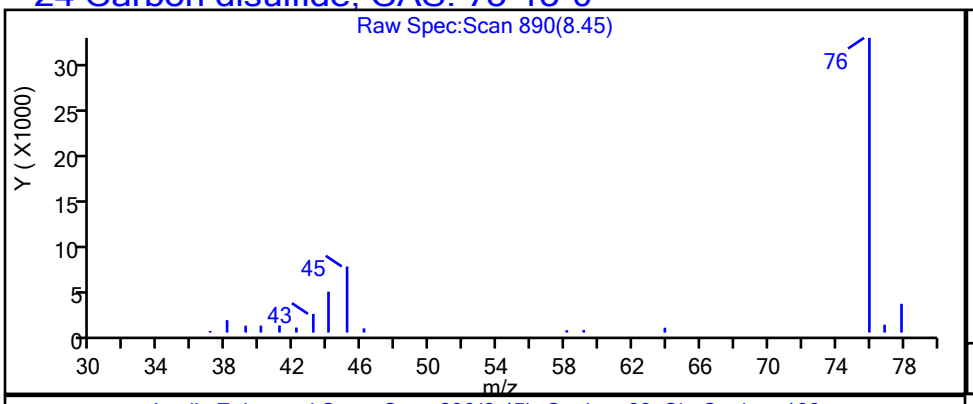
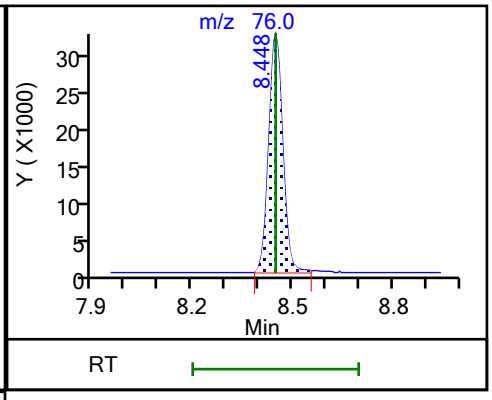
Eurofins Burlington

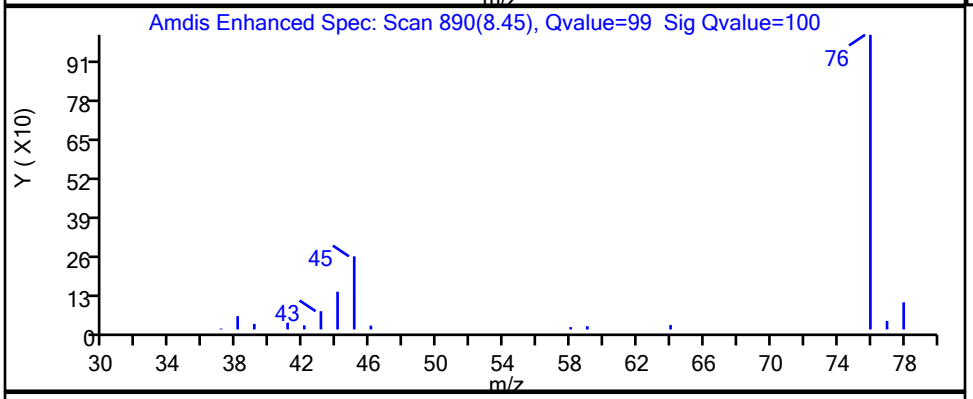
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

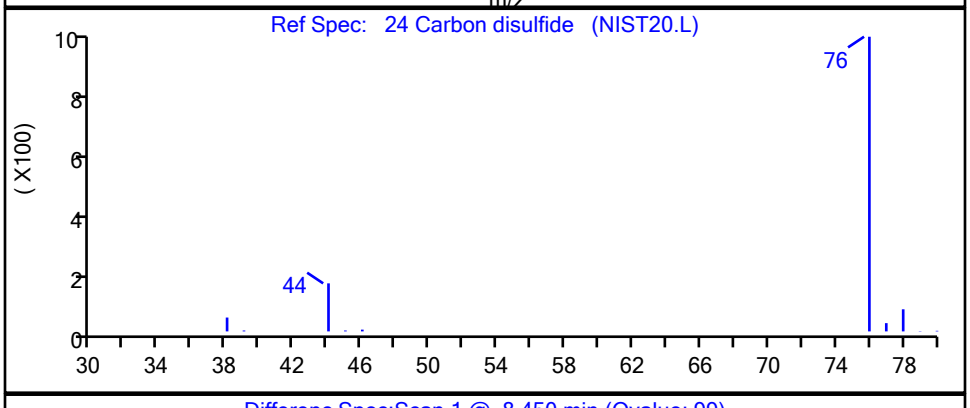
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

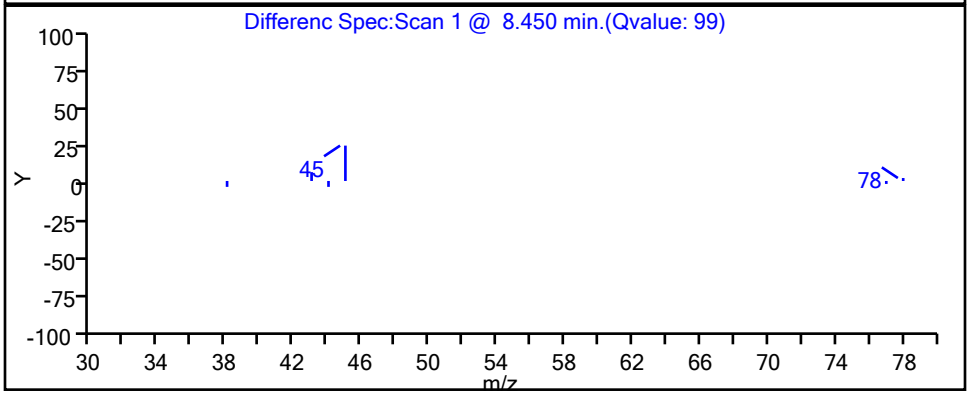
## 24 Carbon disulfide, CAS: 75-15-0



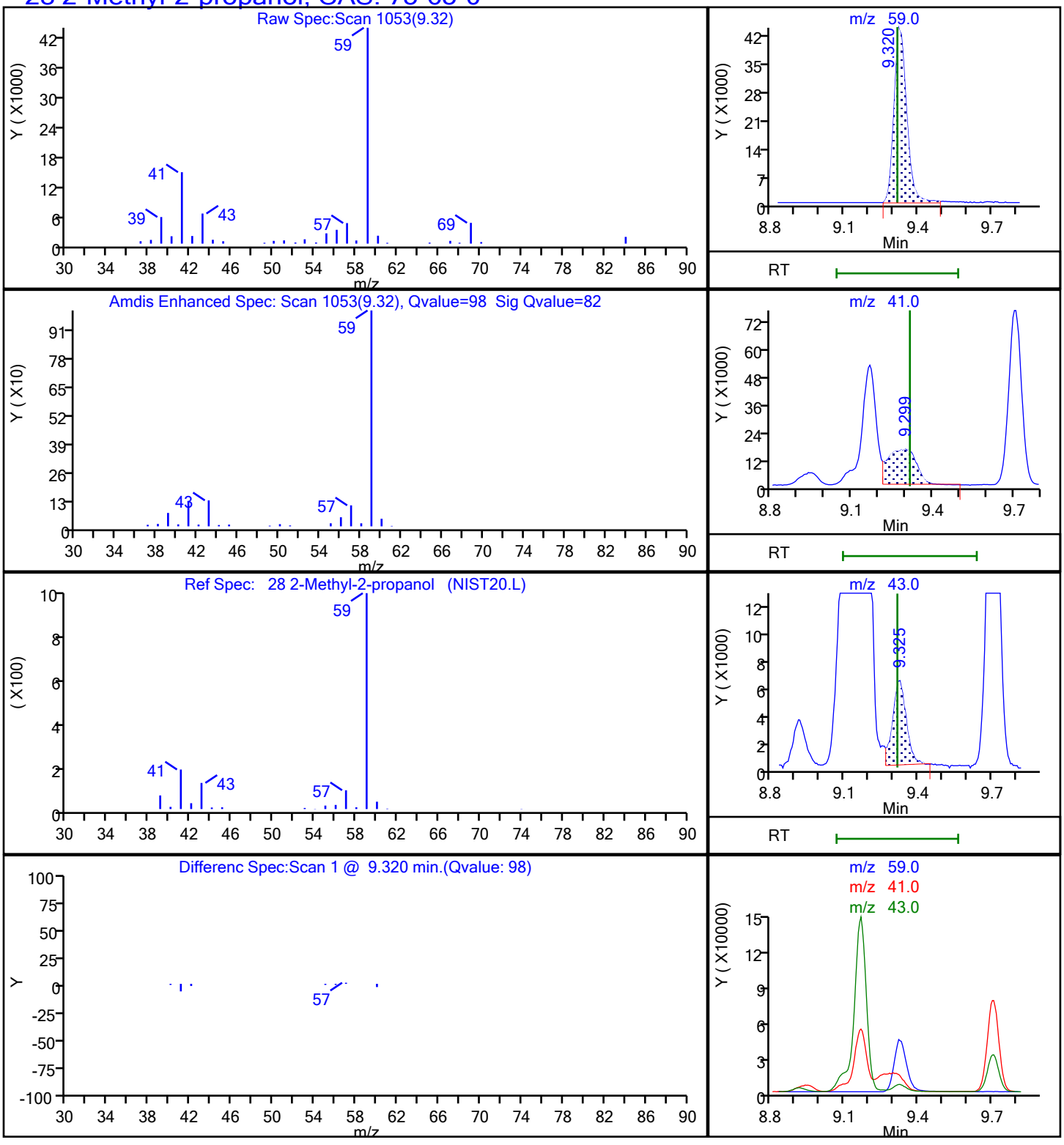
Report Date: 11-Feb-2025 09:06:19 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 28 2-Methyl-2-propanol, CAS: 75-65-0



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
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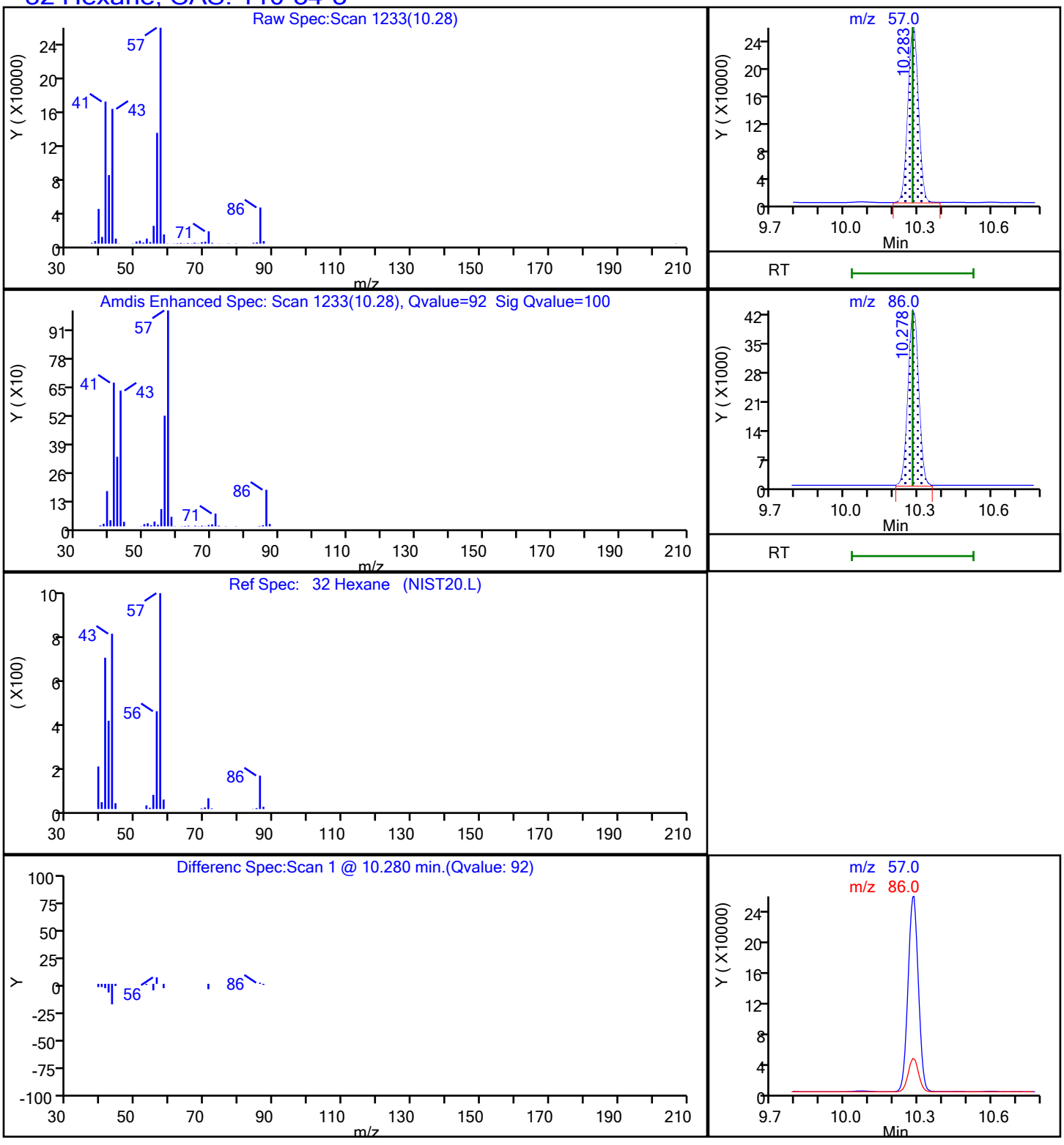
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 32 Hexane, CAS: 110-54-3

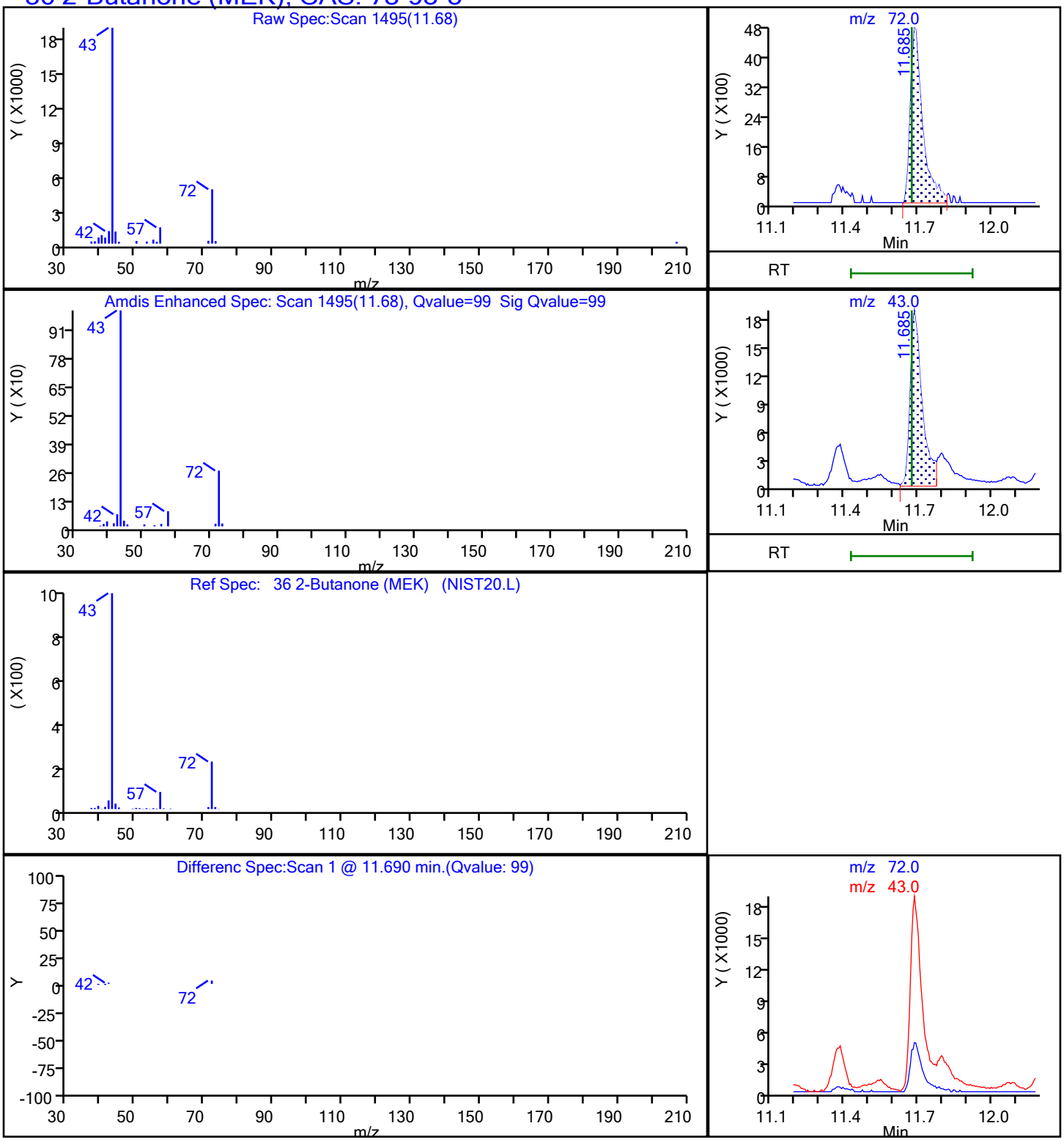


Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 36 2-Butanone (MEK), CAS: 78-93-3



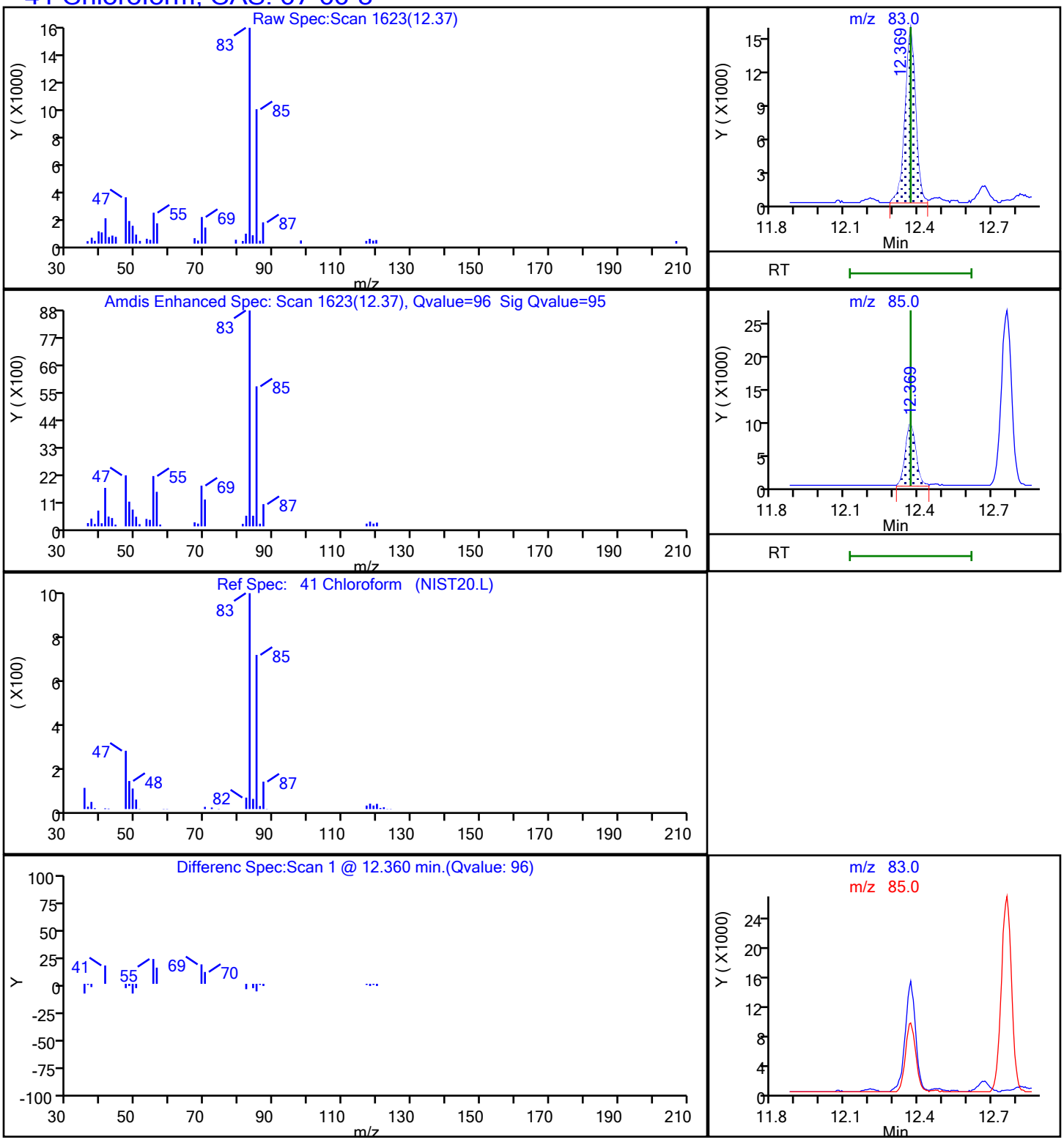
Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 41 Chloroform, CAS: 67-66-3



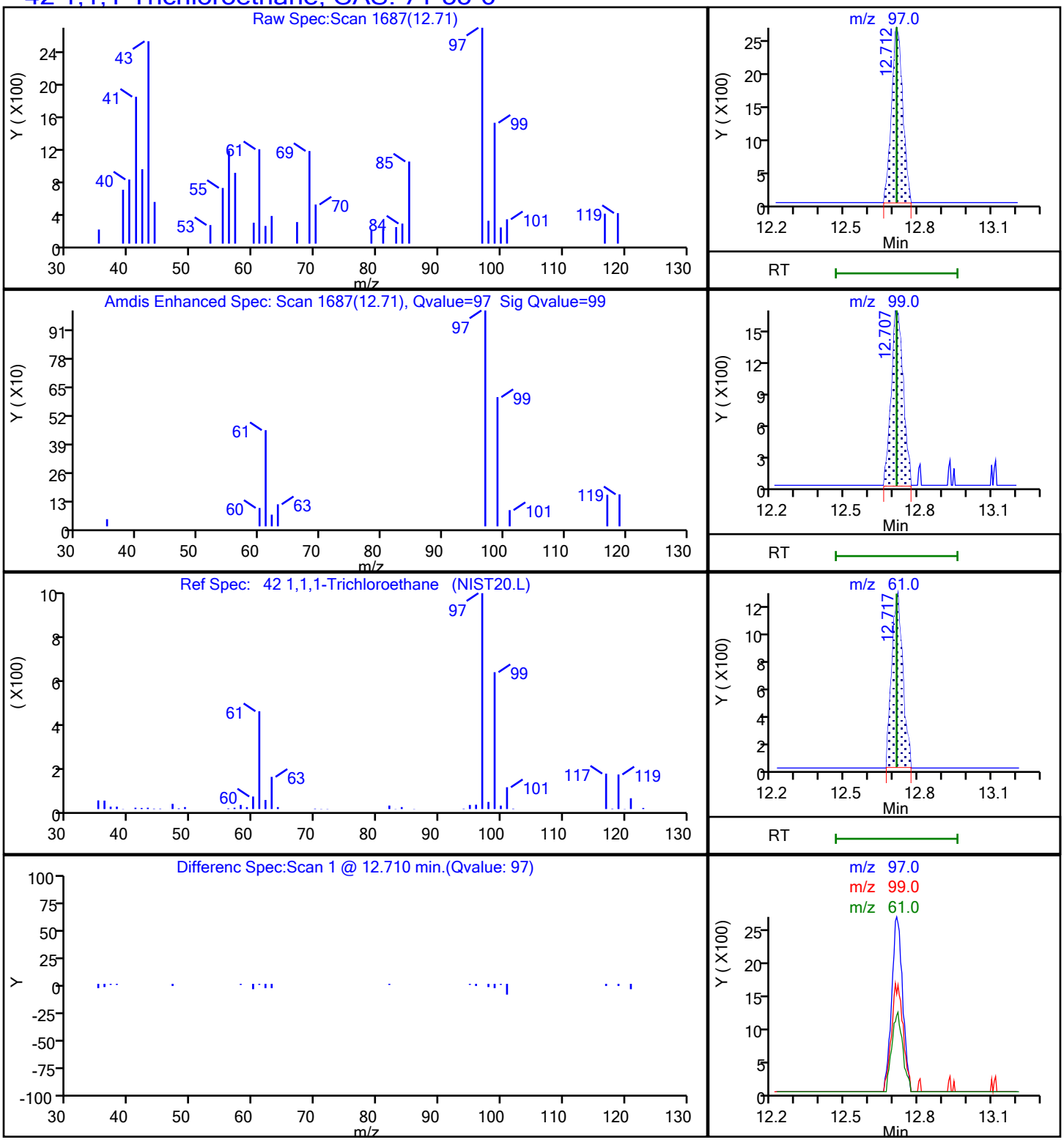
Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 42 1,1,1-Trichloroethane, CAS: 71-55-6



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Eurofins Burlington

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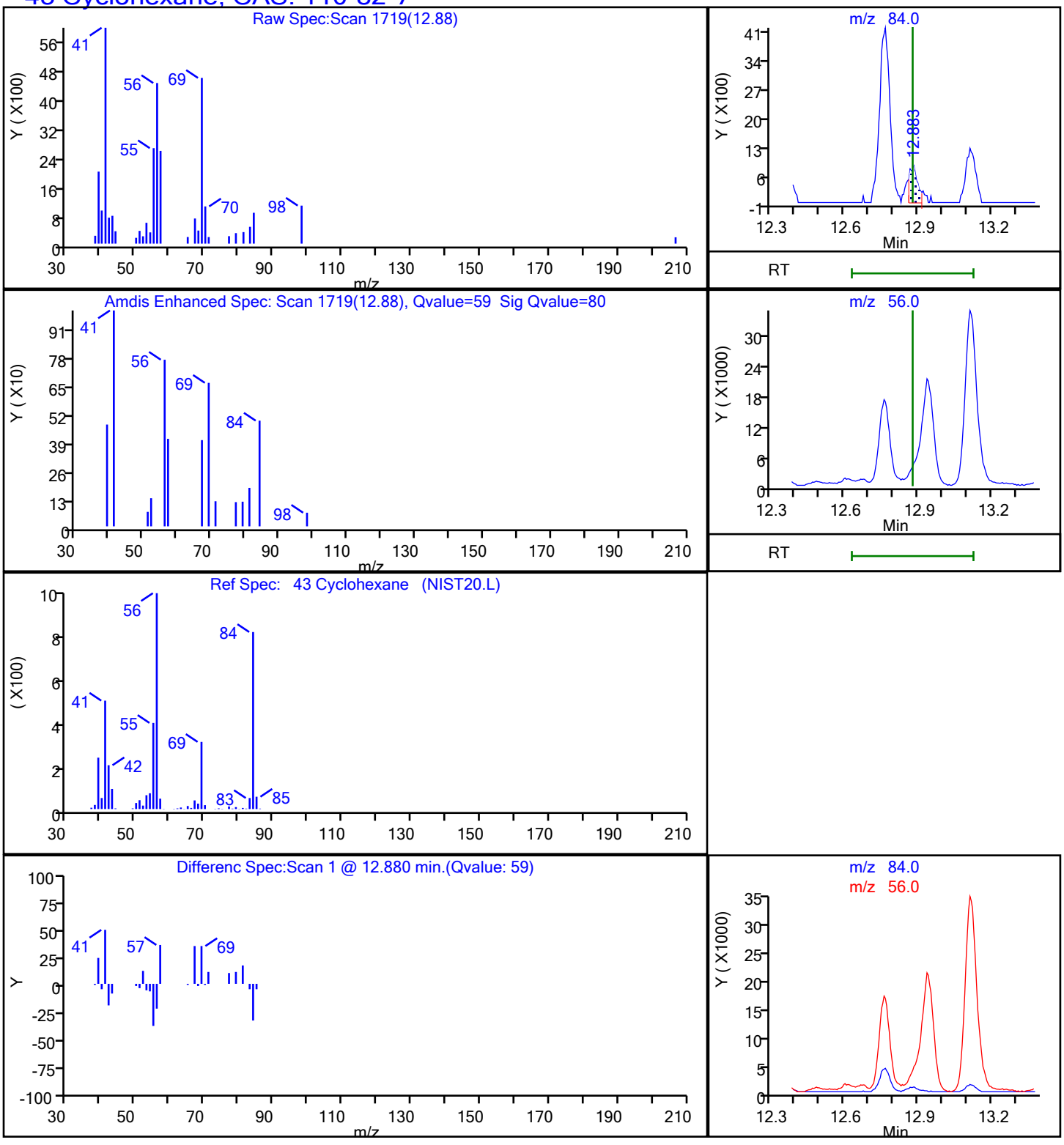
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 43 Cyclohexane, CAS: 110-82-7



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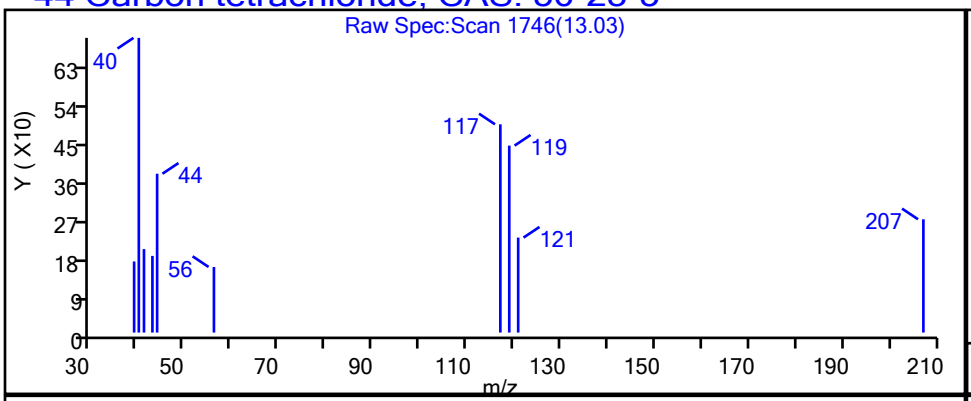
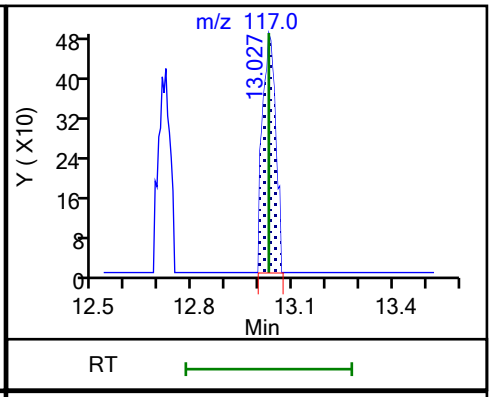
Eurofins Burlington

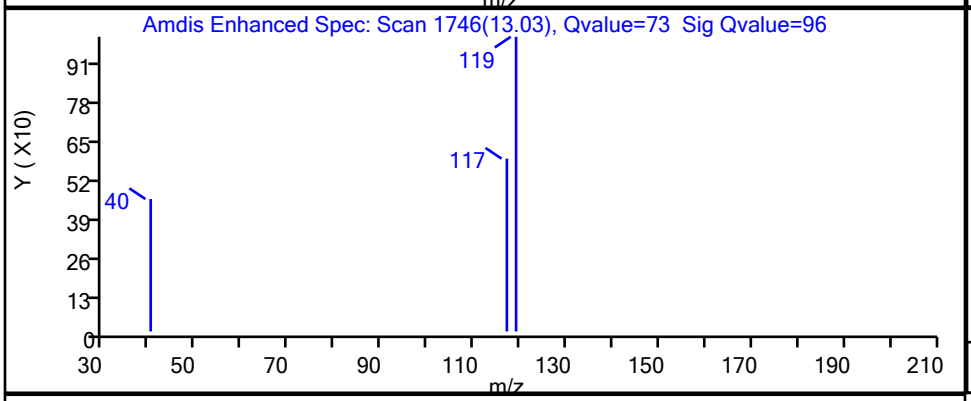
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

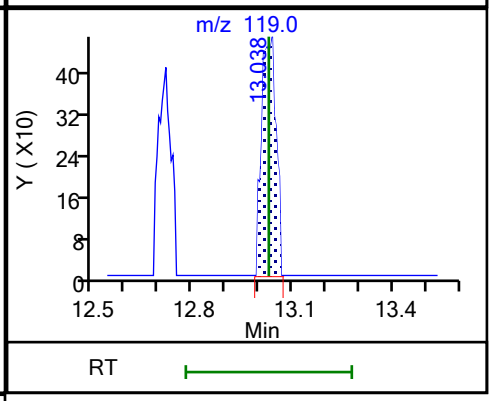
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

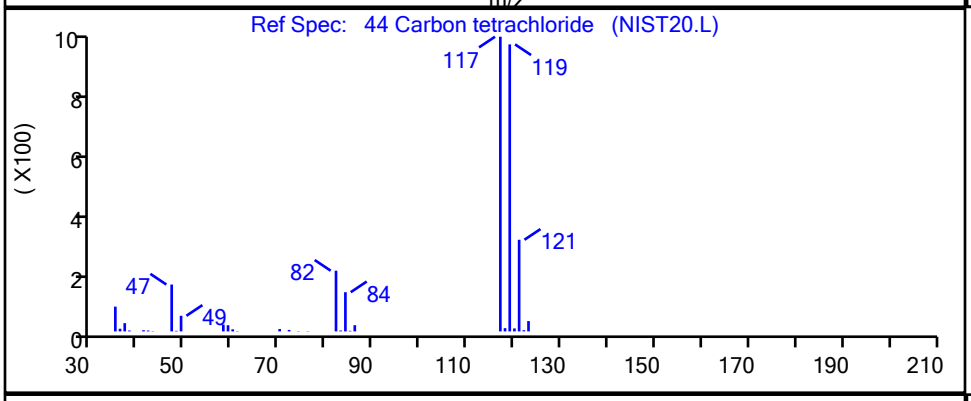
## 44 Carbon tetrachloride, CAS: 56-23-5

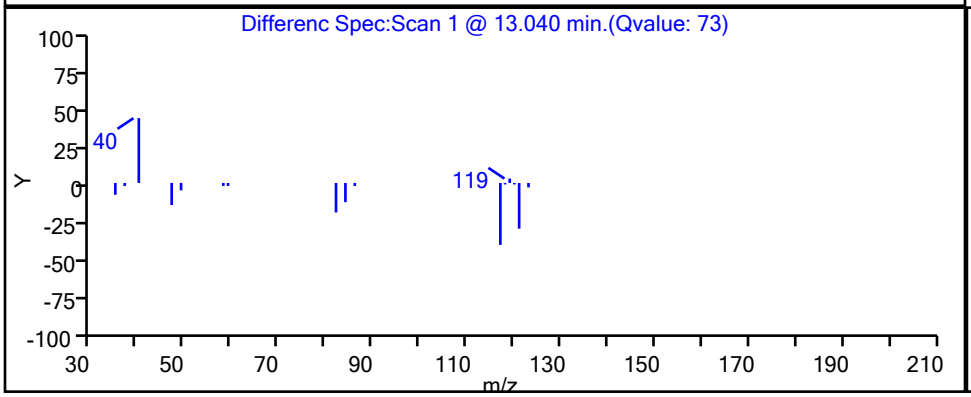


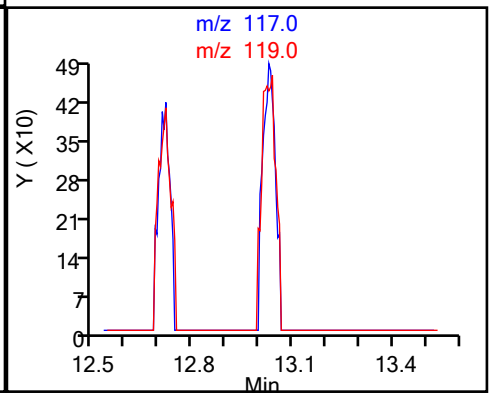



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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
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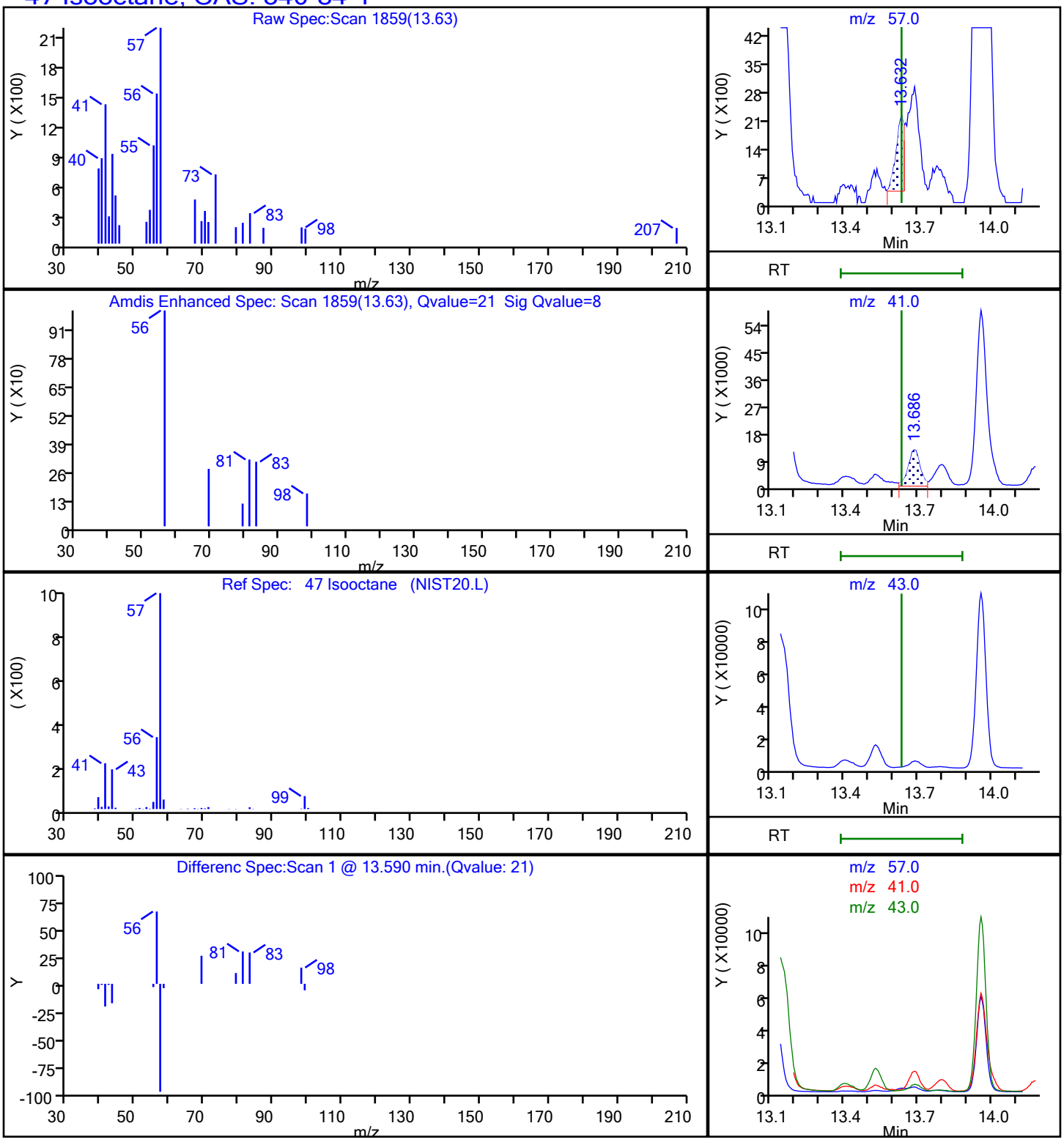
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 47 Isooctane, CAS: 540-84-1



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Eurofins Burlington

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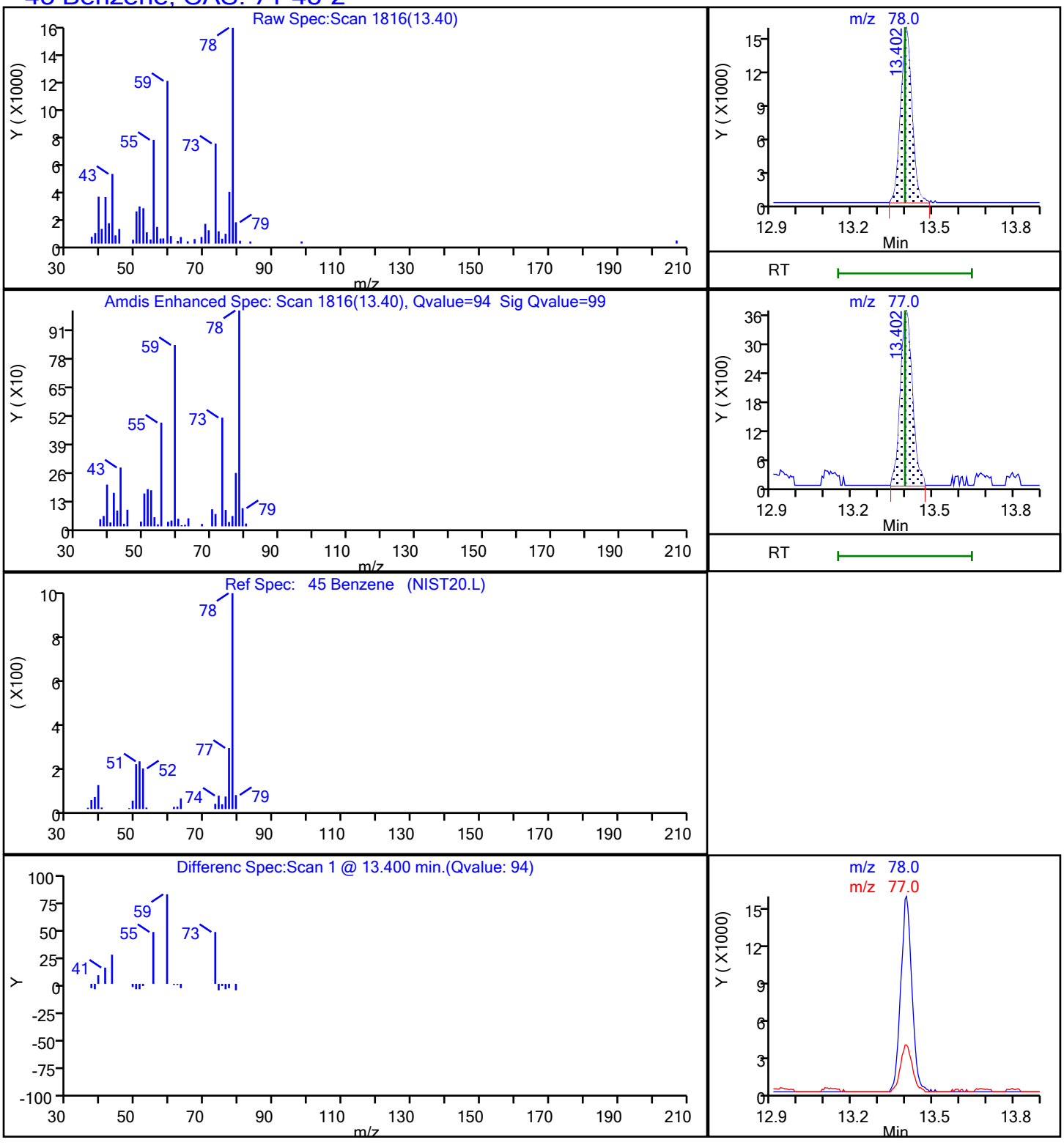
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 45 Benzene, CAS: 71-43-2



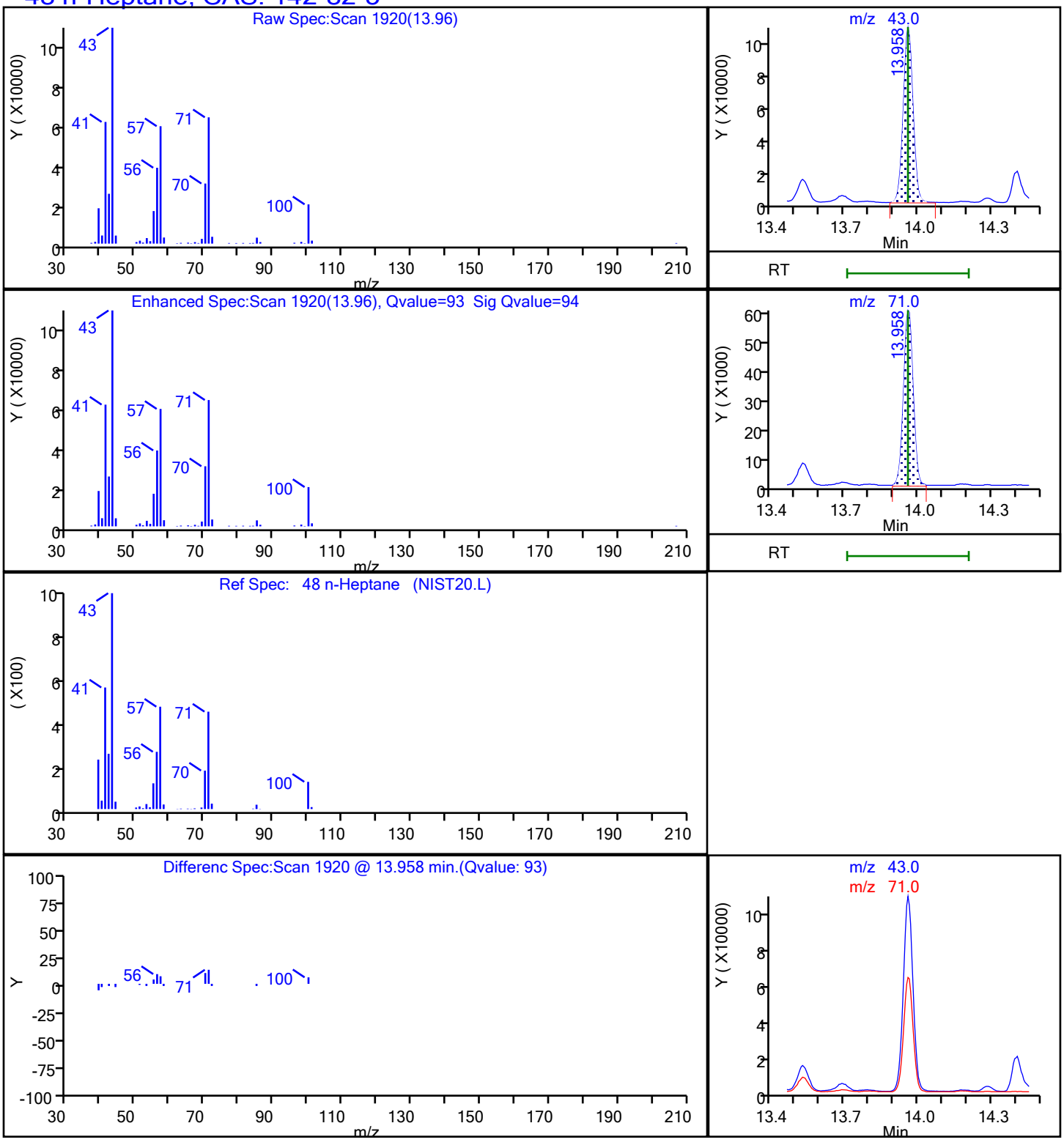
Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 48 n-Heptane, CAS: 142-82-5



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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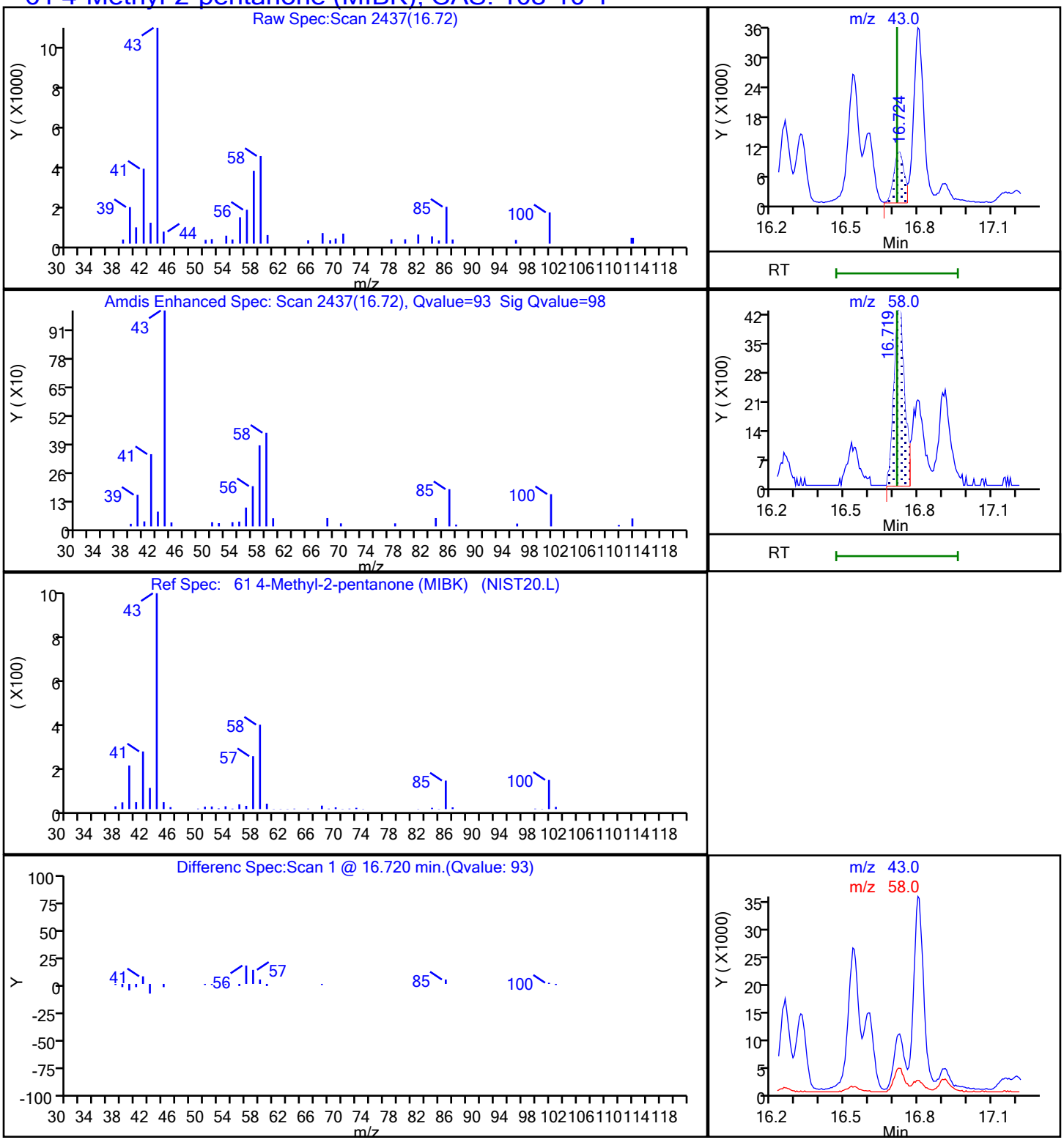
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



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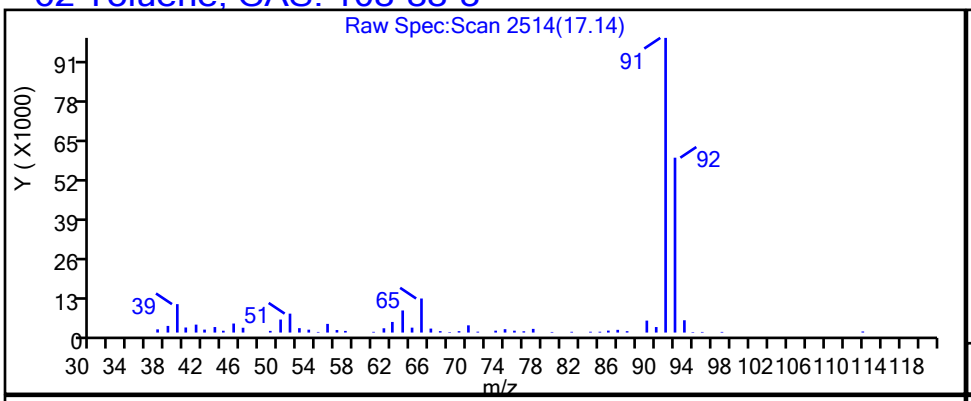
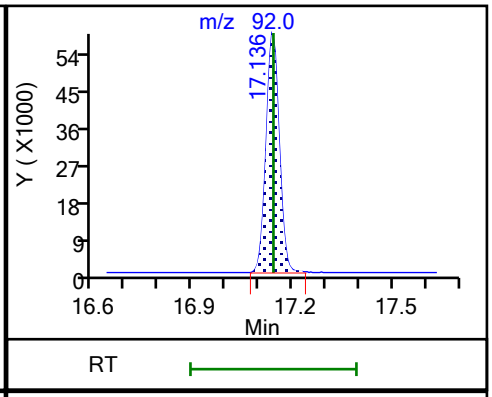
Eurofins Burlington

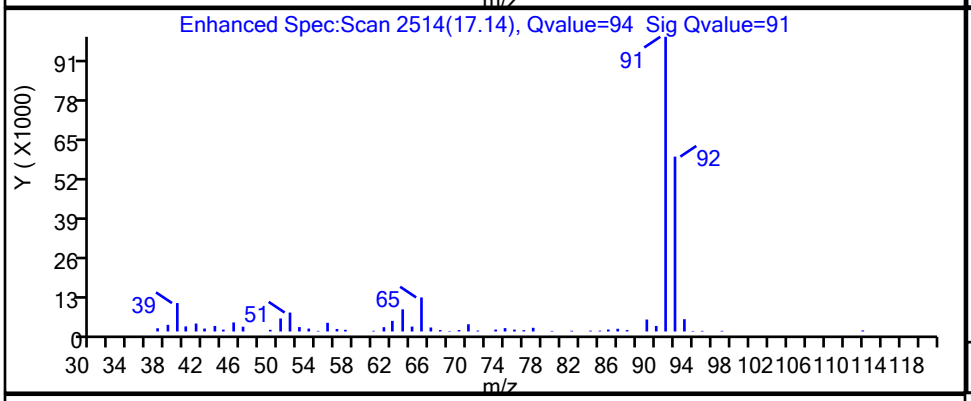
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

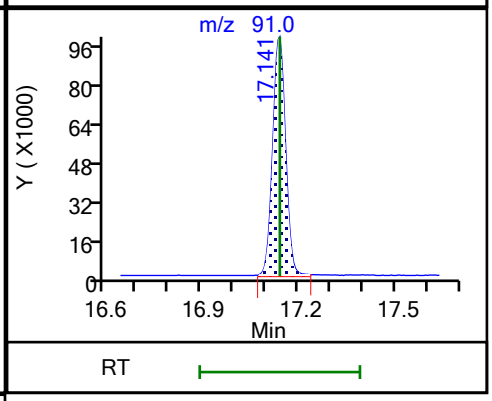
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

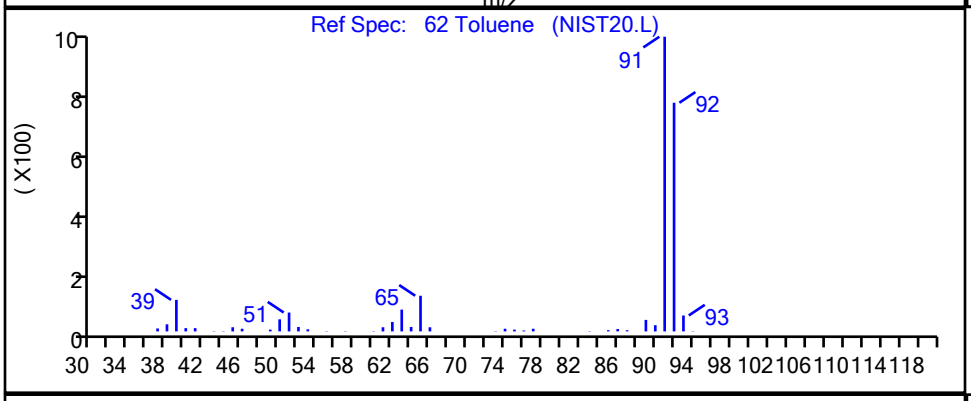
## 62 Toluene, CAS: 108-88-3

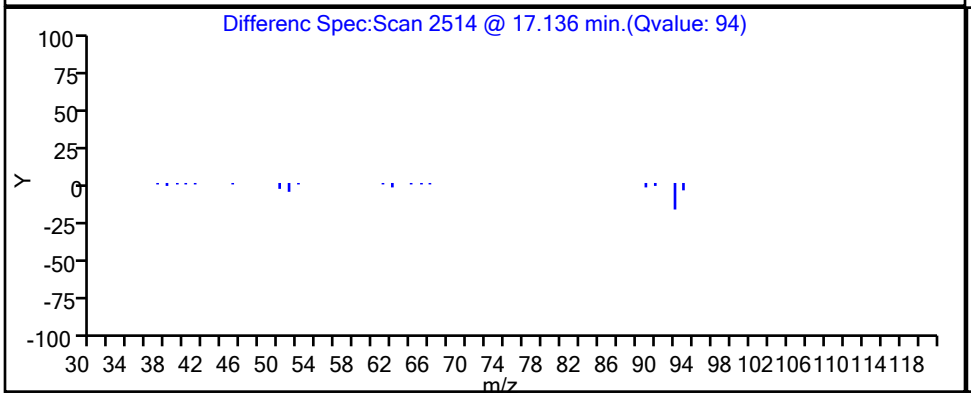


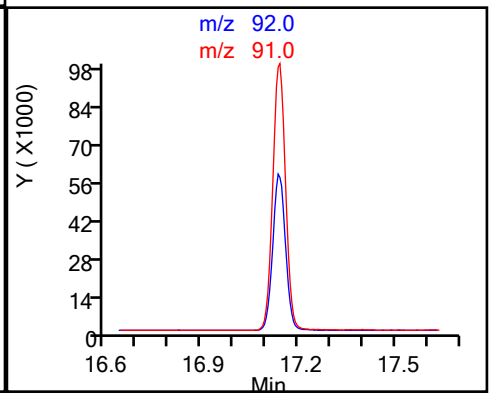



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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

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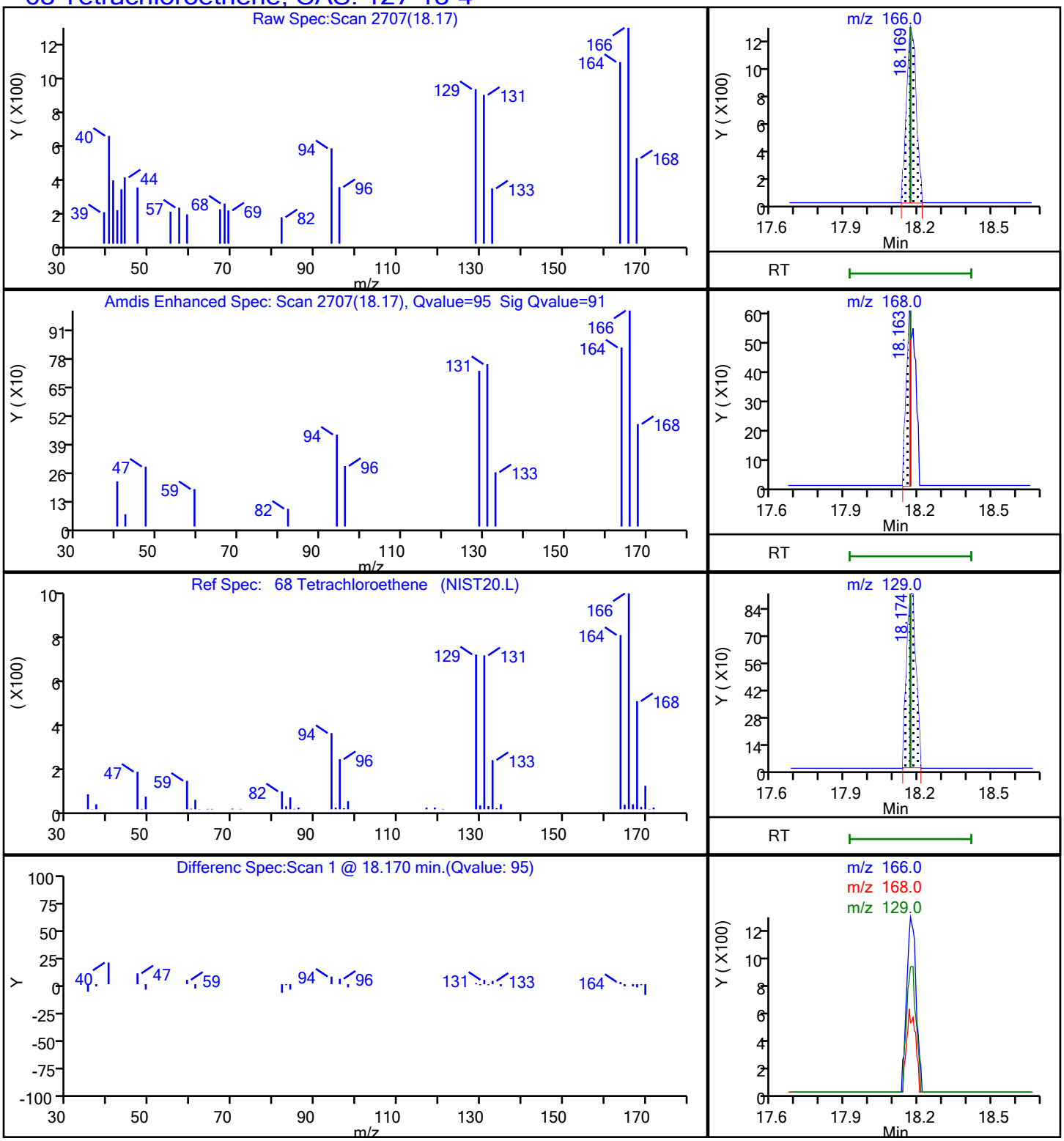
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 68 Tetrachloroethene, CAS: 127-18-4



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
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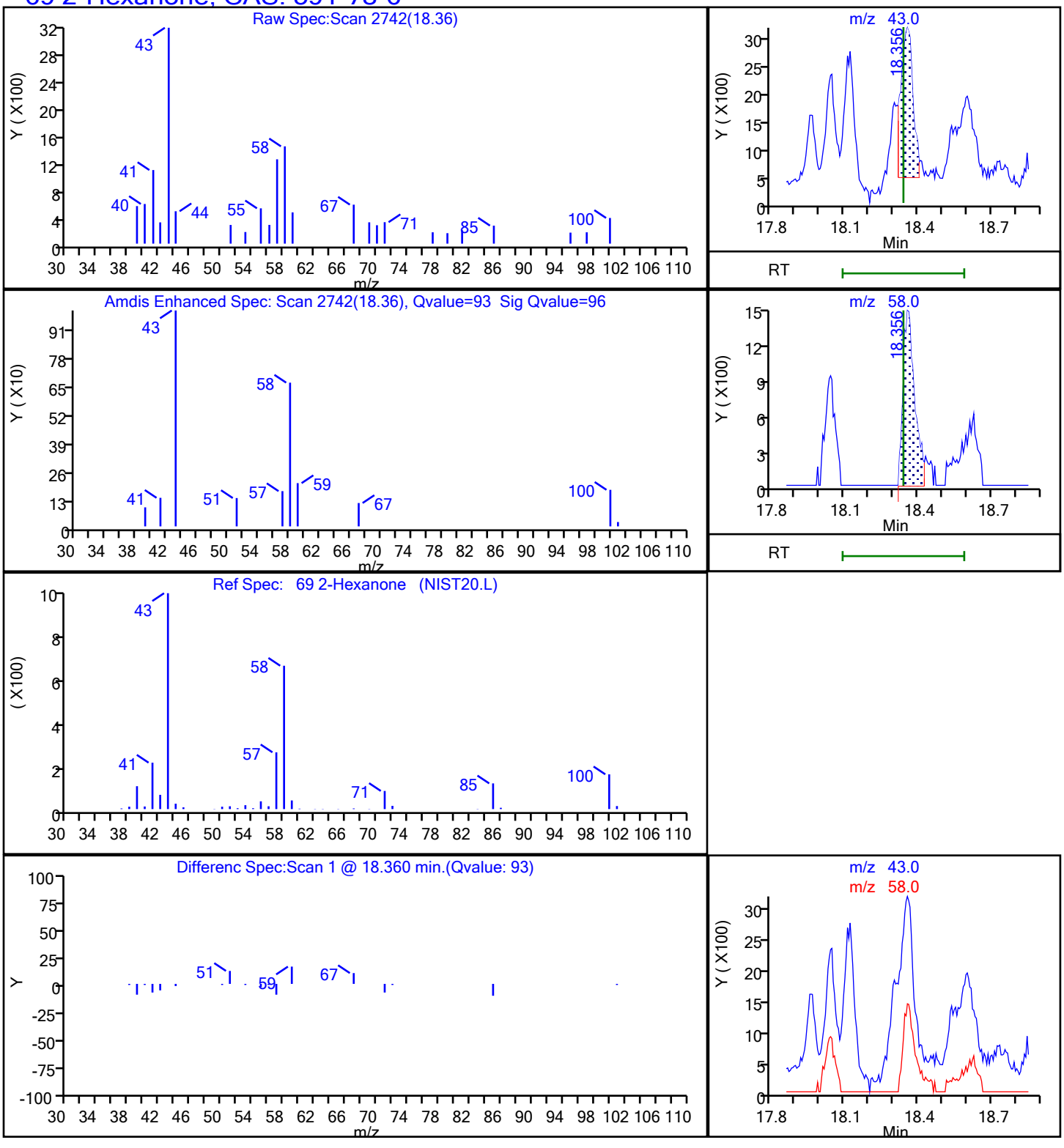
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6



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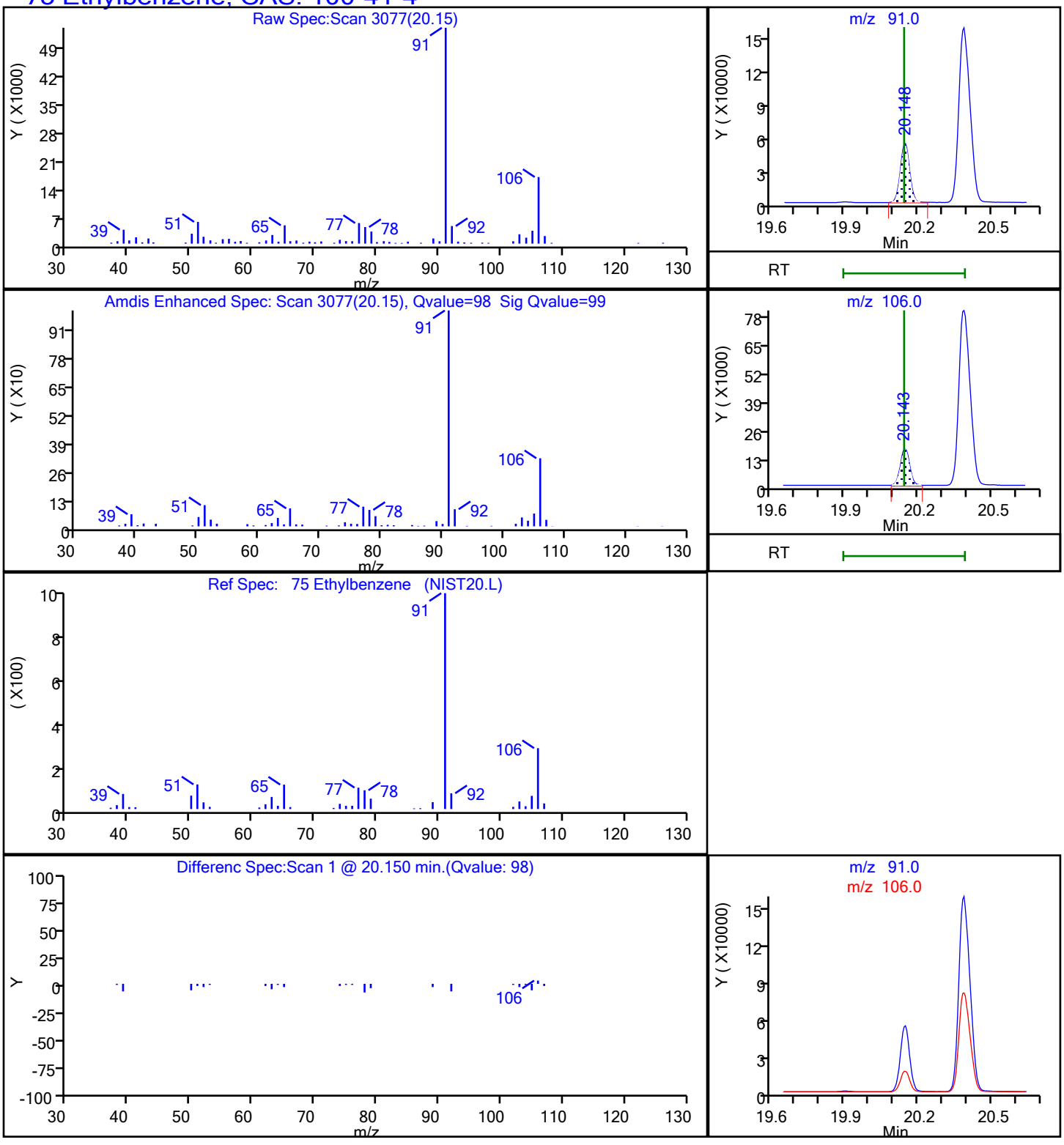
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 75 Ethylbenzene, CAS: 100-41-4



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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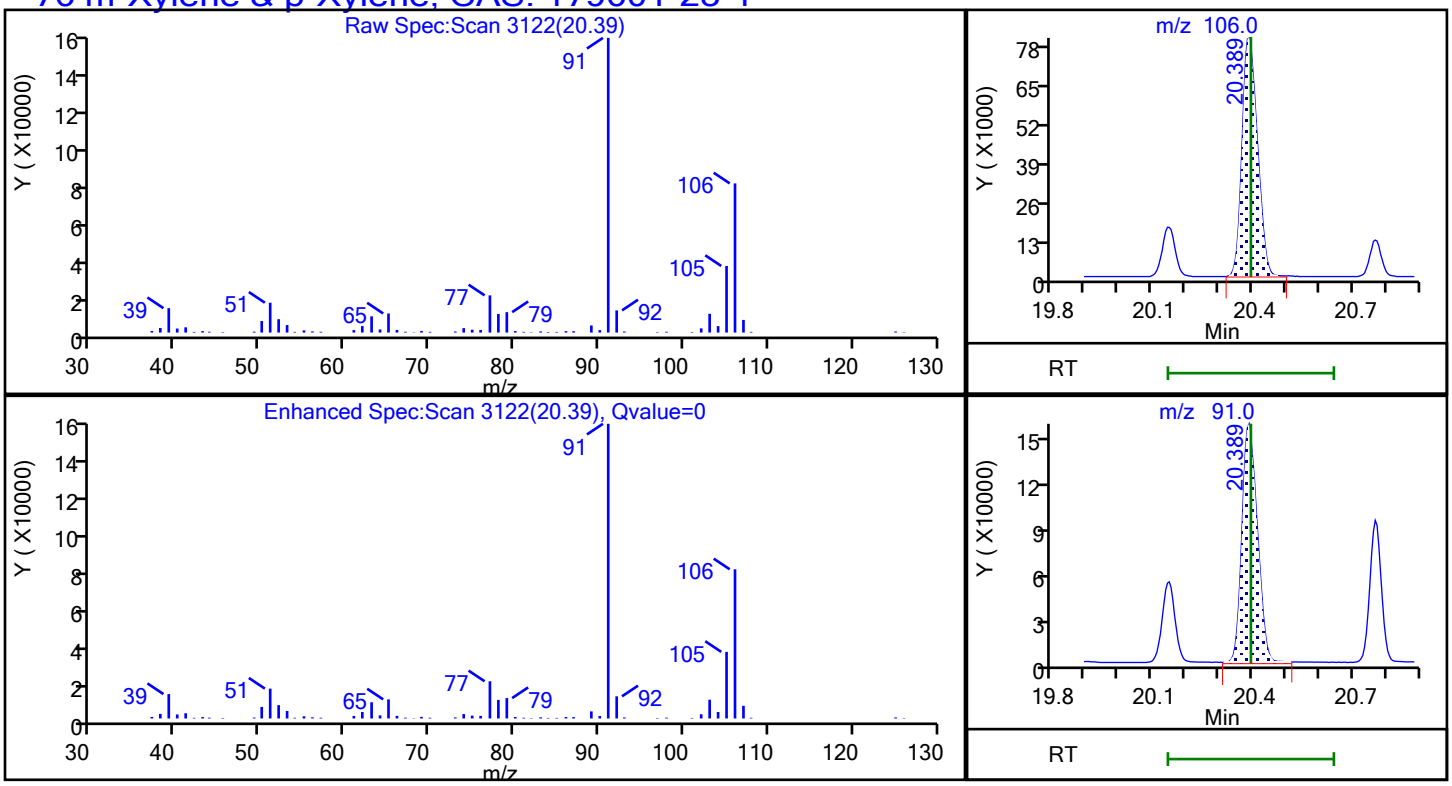
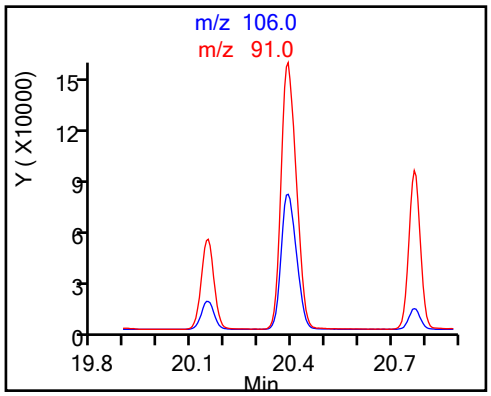
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 76 m-Xylene & p-Xylene, CAS: 179601-23-1



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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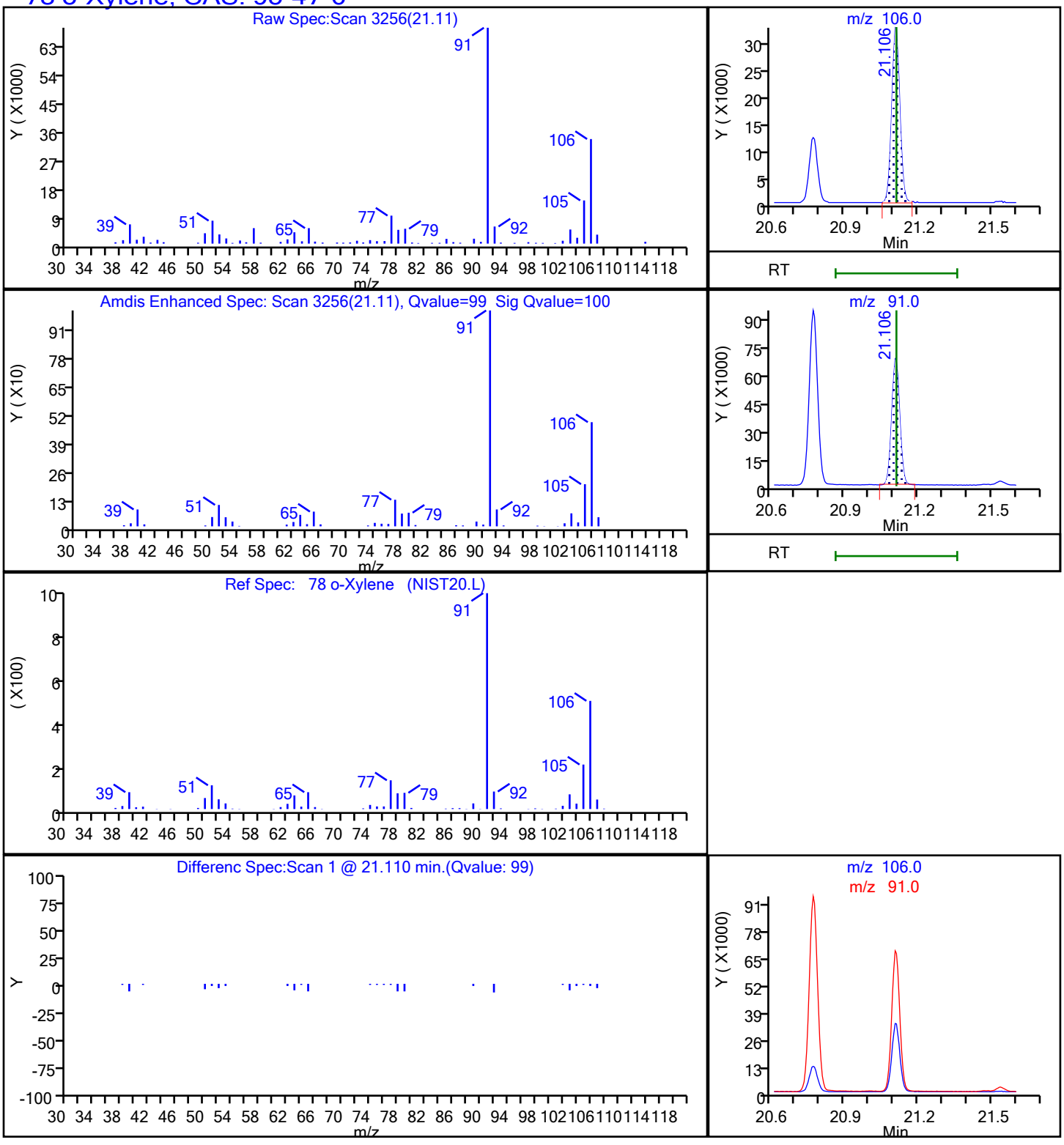
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 78 o-Xylene, CAS: 95-47-6

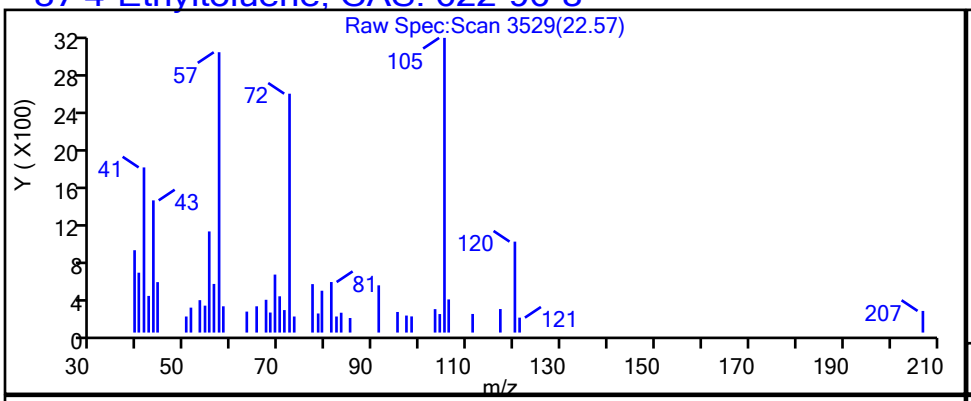


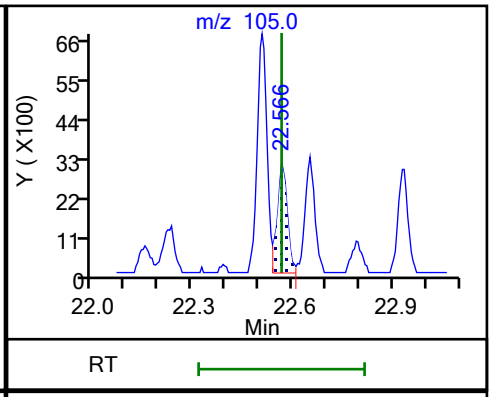
Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

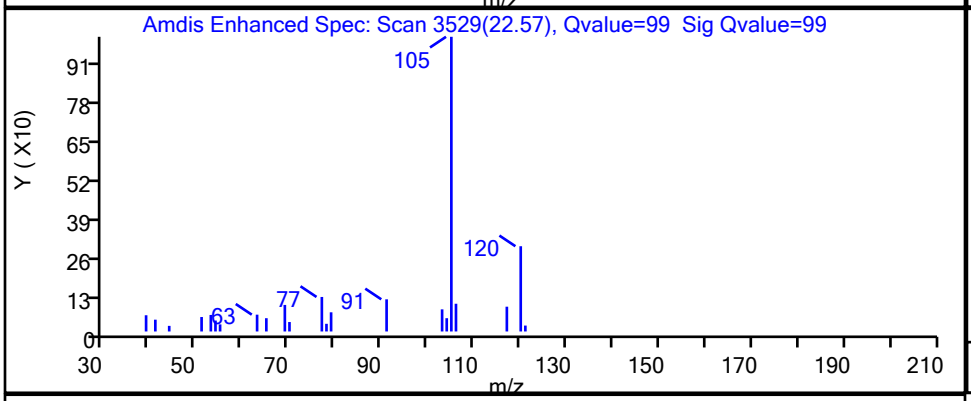
Eurofins Burlington

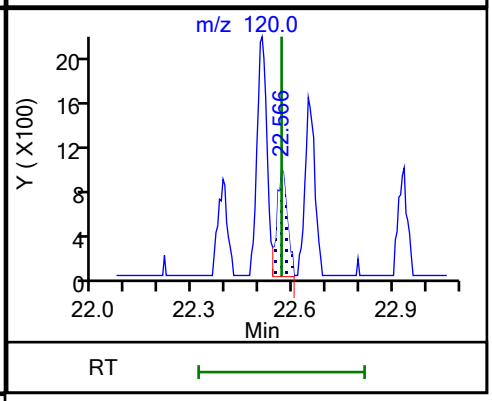
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

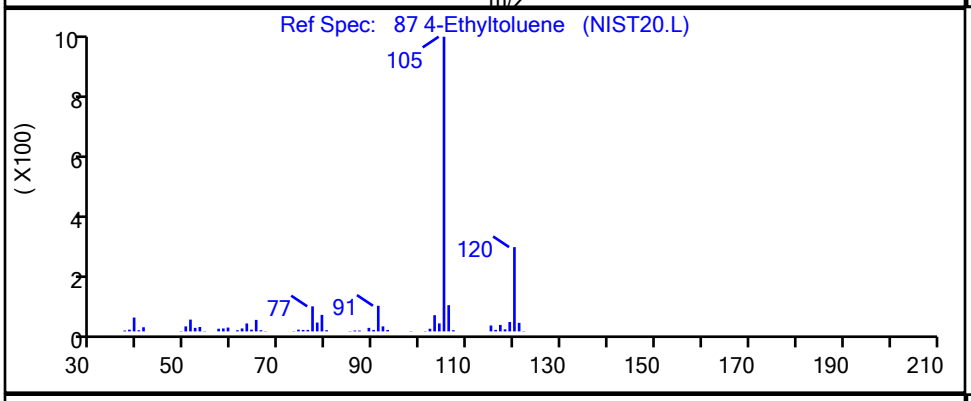
## 87 4-Ethyltoluene, CAS: 622-96-8

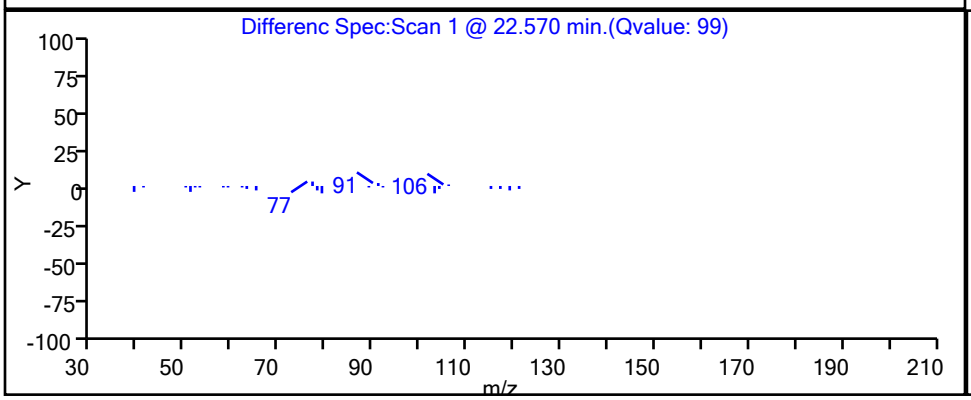


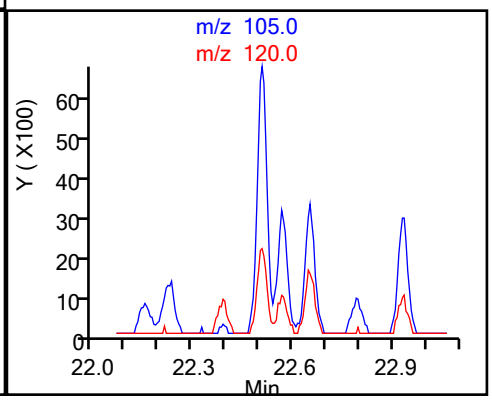



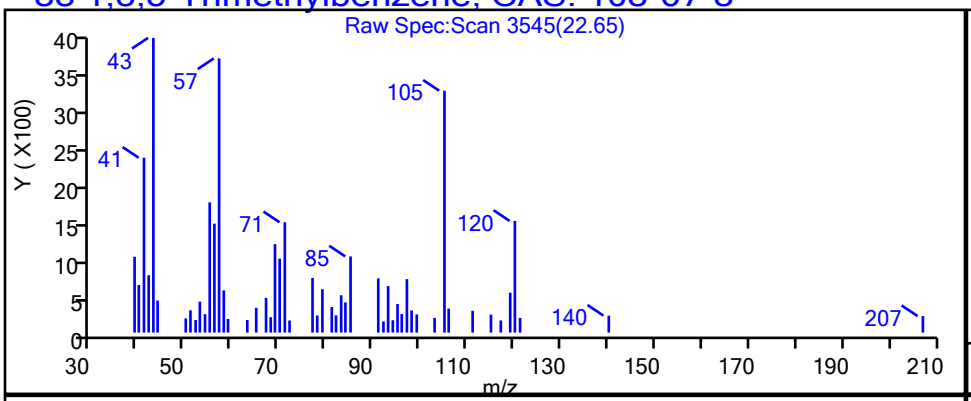



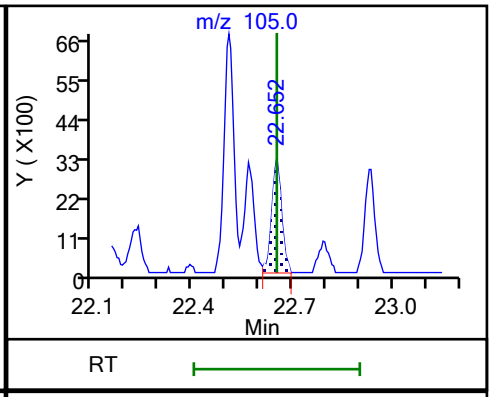
Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

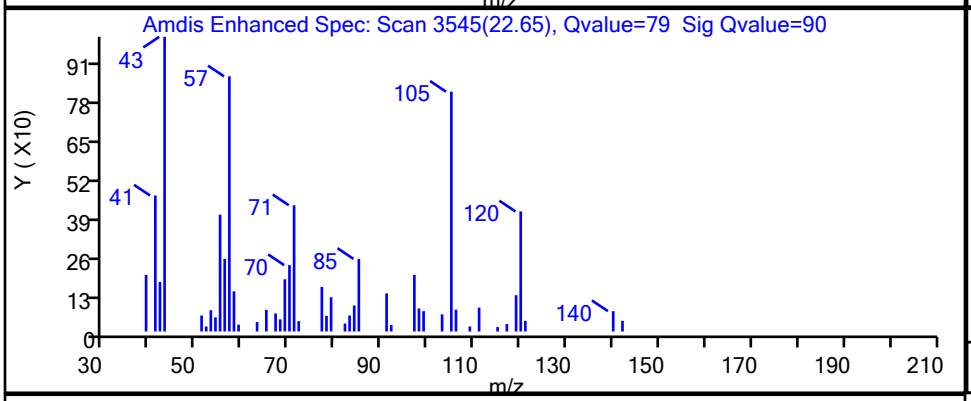
Eurofins Burlington

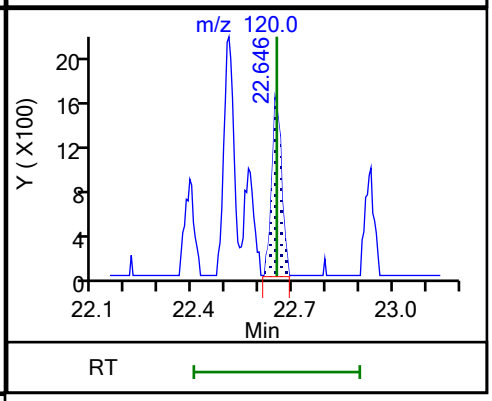
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

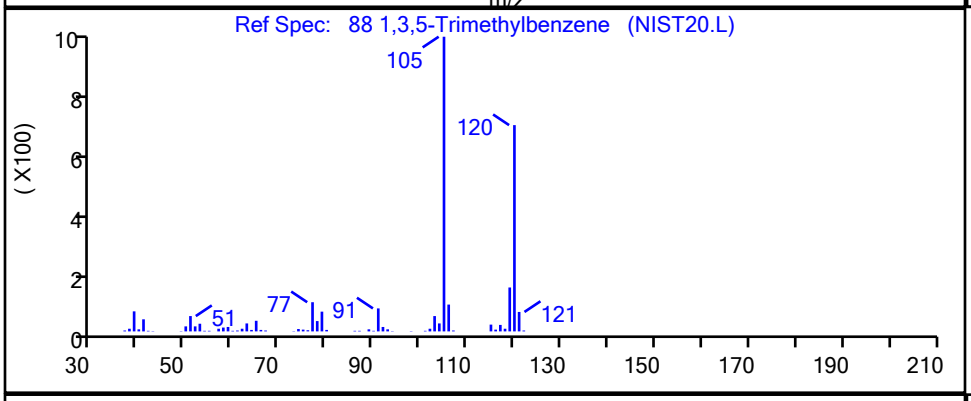
## 88 1,3,5-Trimethylbenzene, CAS: 108-67-8

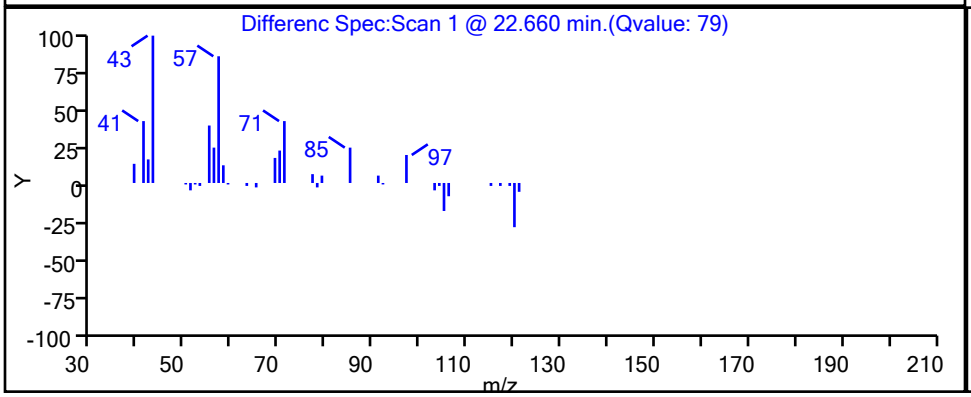


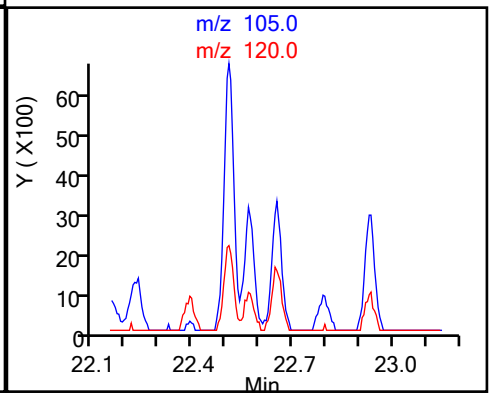



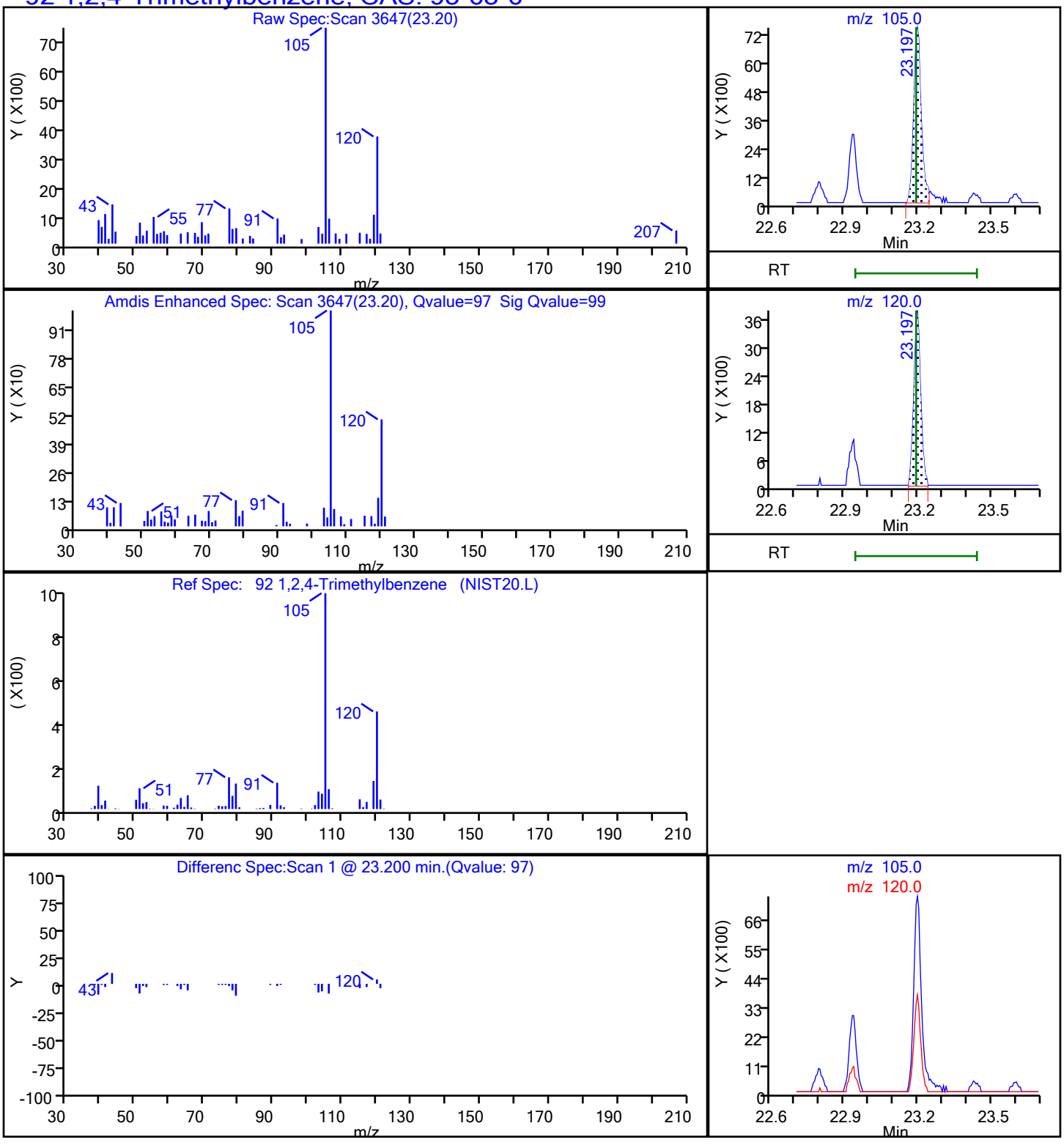



Report Date: 11-Feb-2025 09:06:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 92 1,2,4-Trimethylbenzene, CAS: 95-63-6



Manual Integration/User Assign Peak Report

Eurofins Burlington

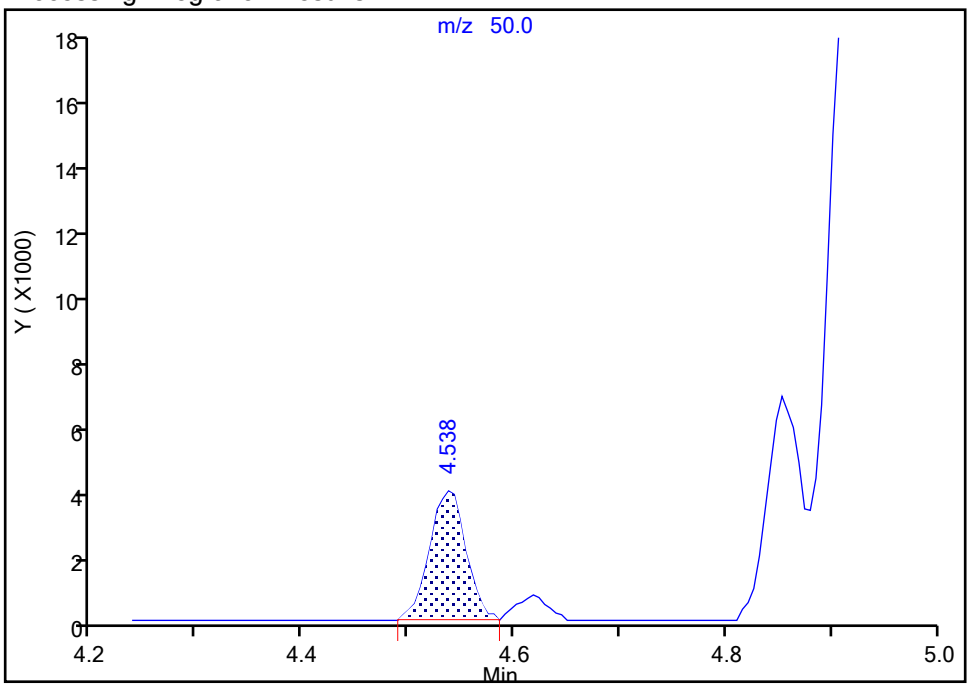
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 5 Chloromethane, CAS: 74-87-3

Signal: 1

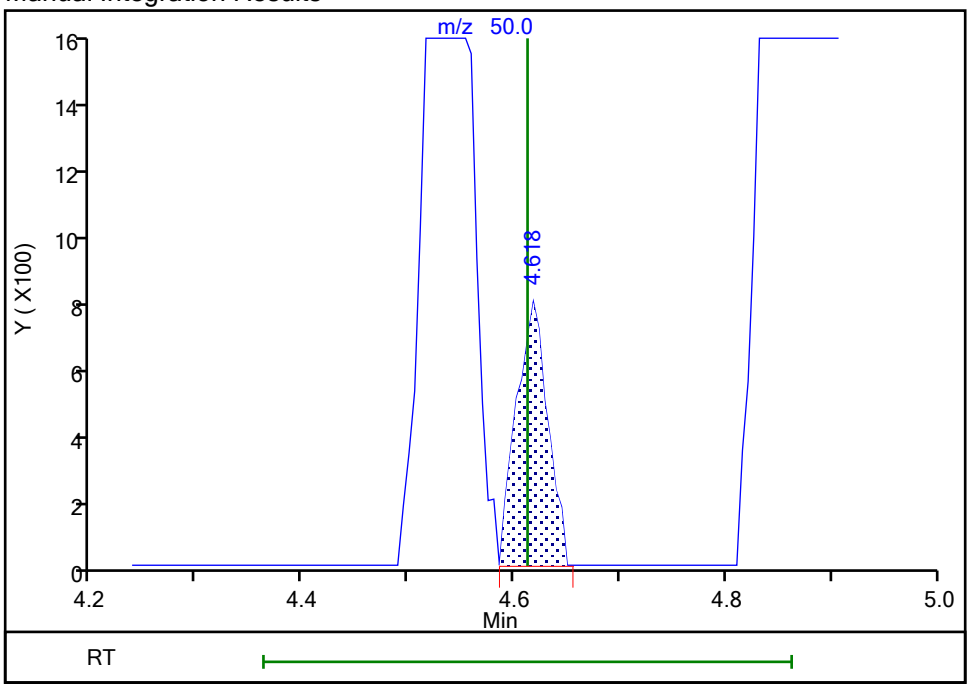
Processing Integration Results

RT: 4.54
Area: 9193
Amount: 0.533854
Amount Units: ppb v/v




Manual Integration Results

RT: 4.62
Area: 1549
Amount: 0.089953
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 08:52:25 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

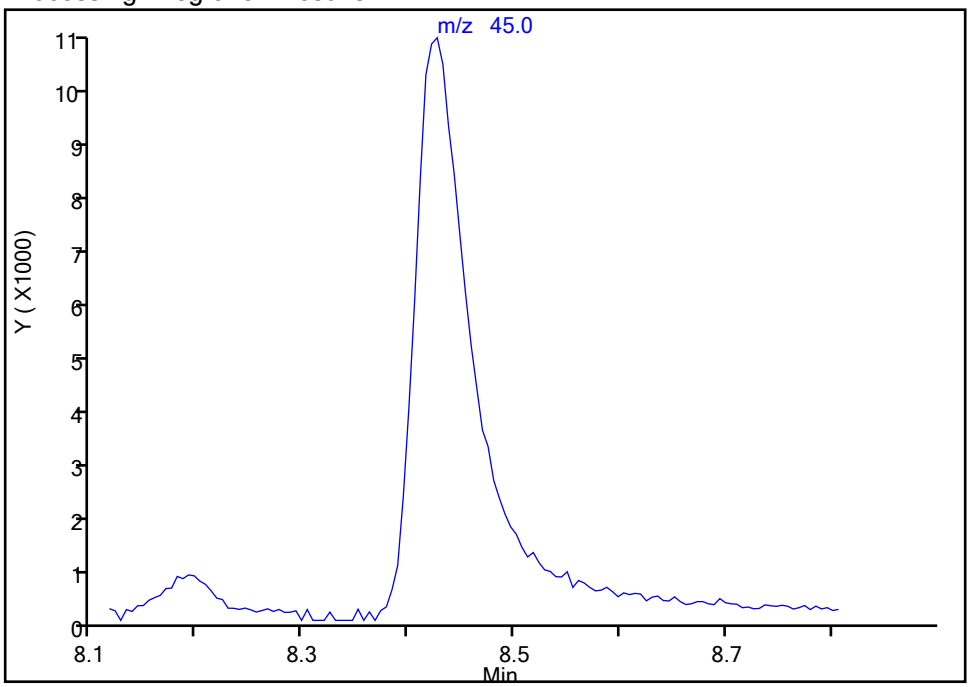
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

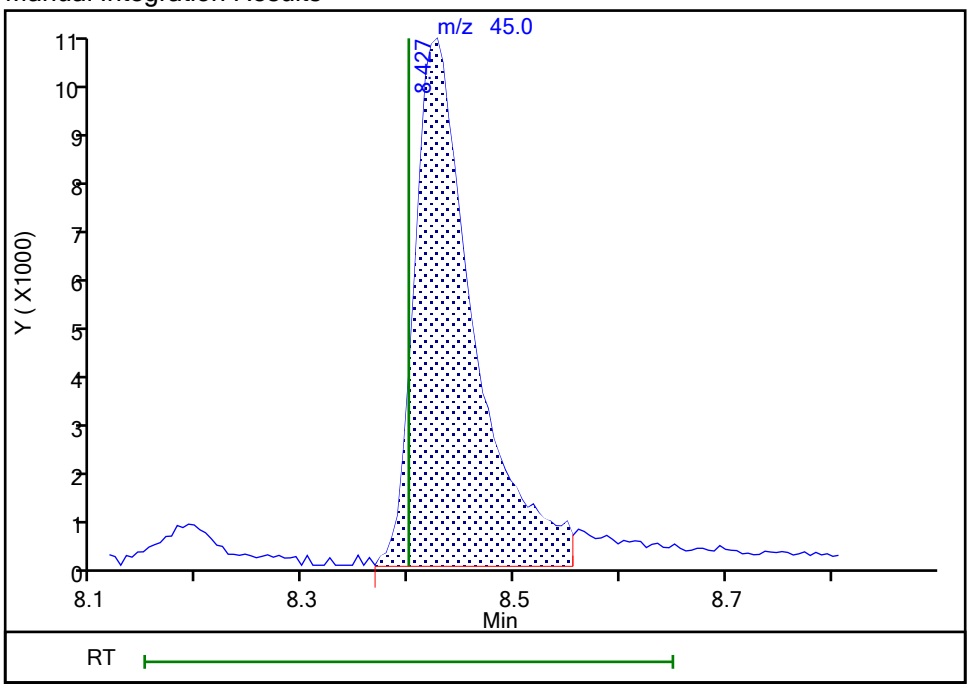
Processing Integration Results

Not Detected
Expected RT: 8.40




Manual Integration Results

RT: 8.43
Area: 42854
Amount: 1.586378
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 08:58:41 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

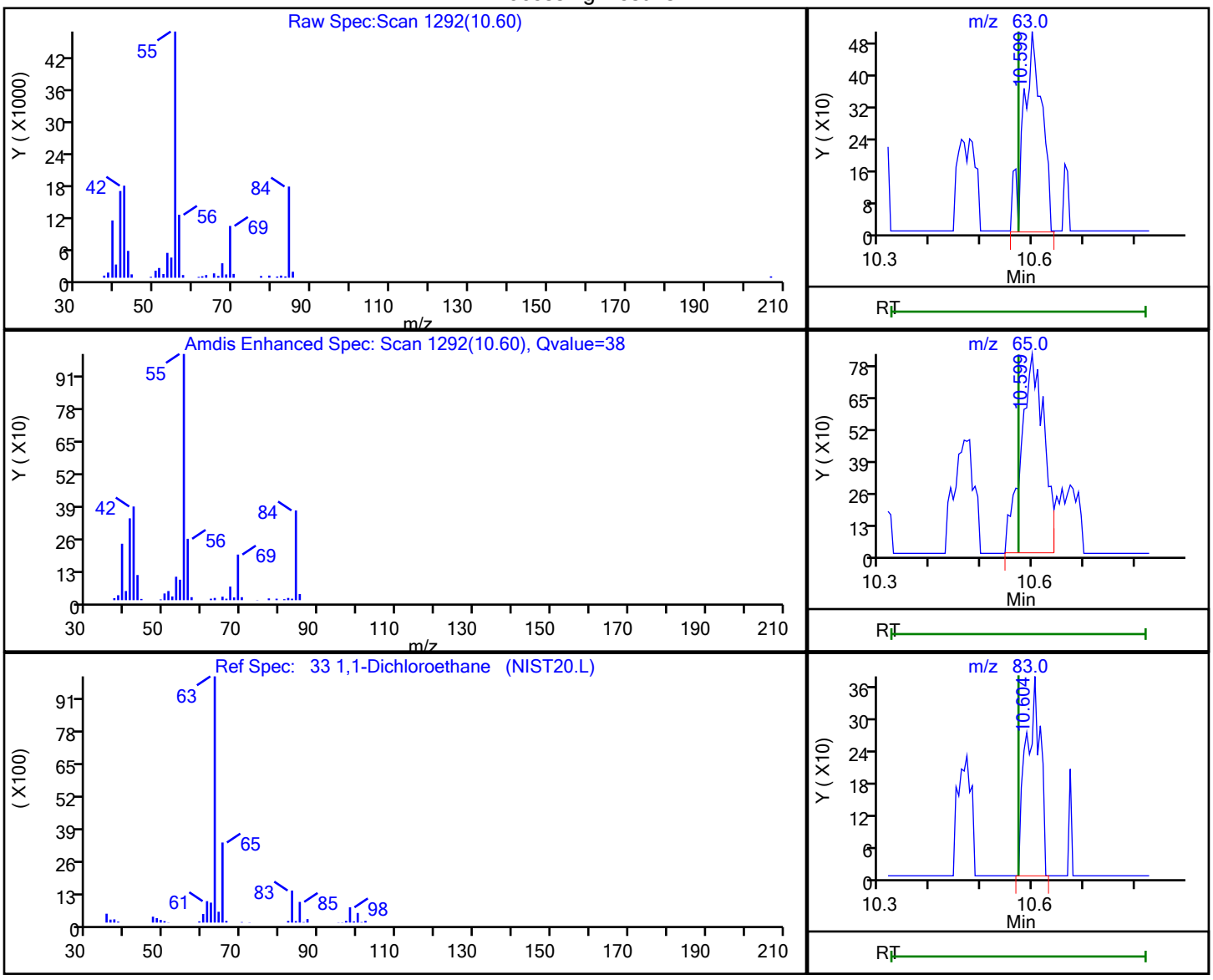
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.60 | 63.00 | 1257 | 0.034350 |
| 10.60 | 65.00 | 2607 | |
| 10.60 | 83.00 | 727 | |

Reviewer: F7XK, 11-Feb-2025 09:00:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

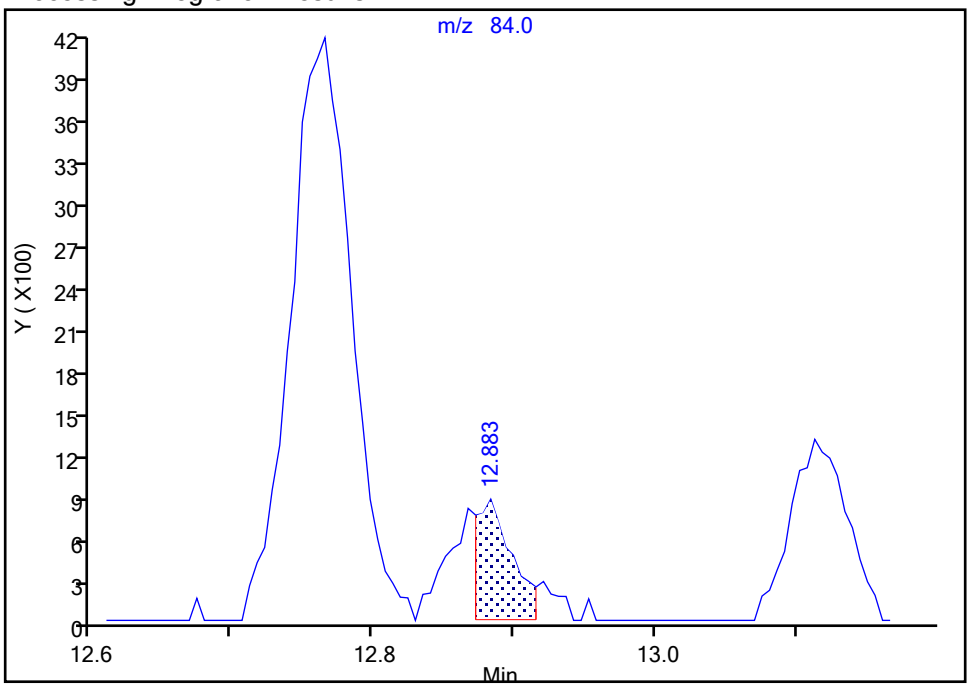
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 43 Cyclohexane, CAS: 110-82-7

Signal: 1

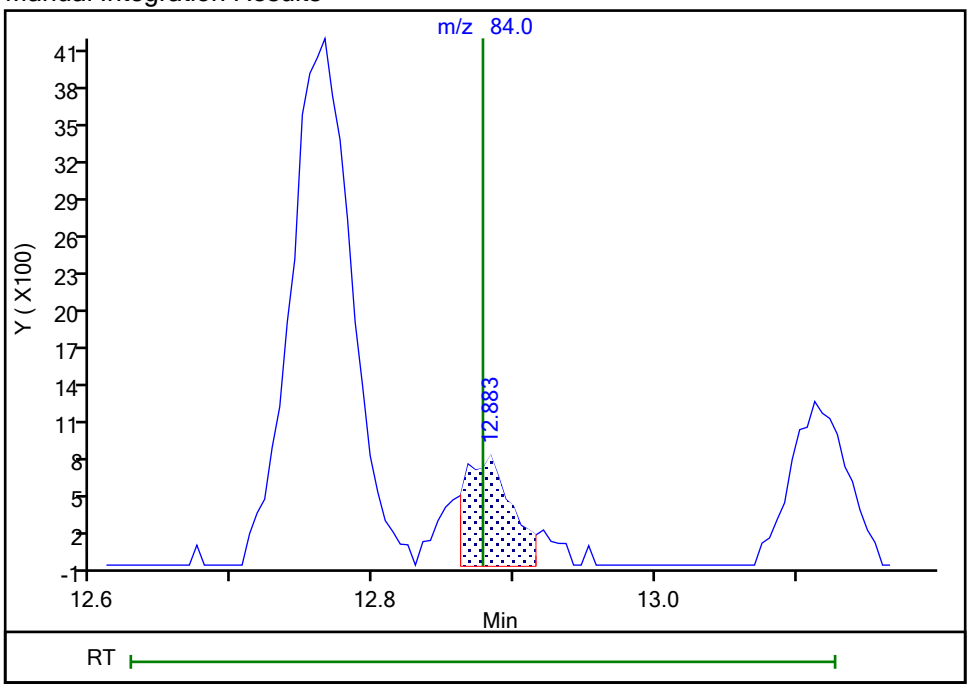
Processing Integration Results

RT: 12.88
Area: 1559
Amount: 0.058016
Amount Units: ppb v/v




Manual Integration Results

RT: 12.88
Area: 1992
Amount: 0.074129
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:01:05 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

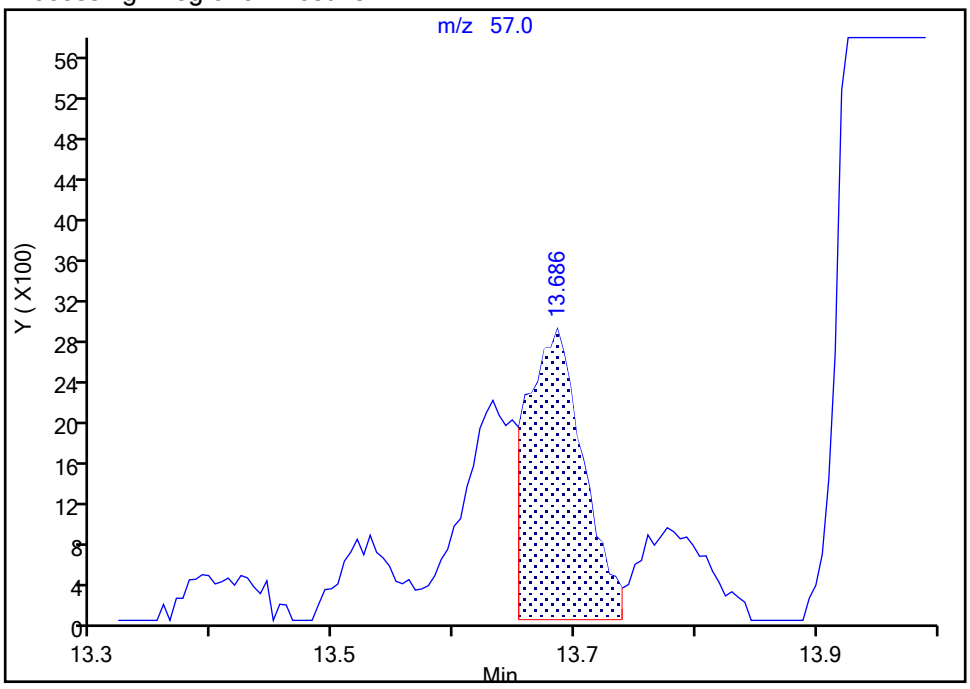
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 47 Isooctane, CAS: 540-84-1

Signal: 1

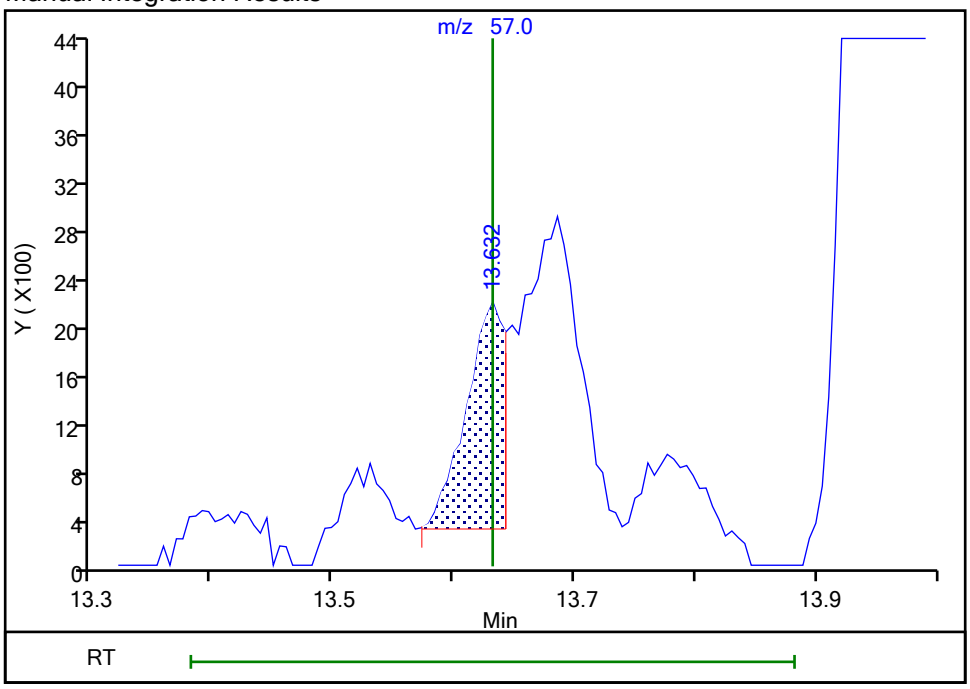
Processing Integration Results

RT: 13.69
Area: 9438
Amount: 0.097863
Amount Units: ppb v/v




Manual Integration Results

RT: 13.63
Area: 4195
Amount: 0.043498
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:01:55 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

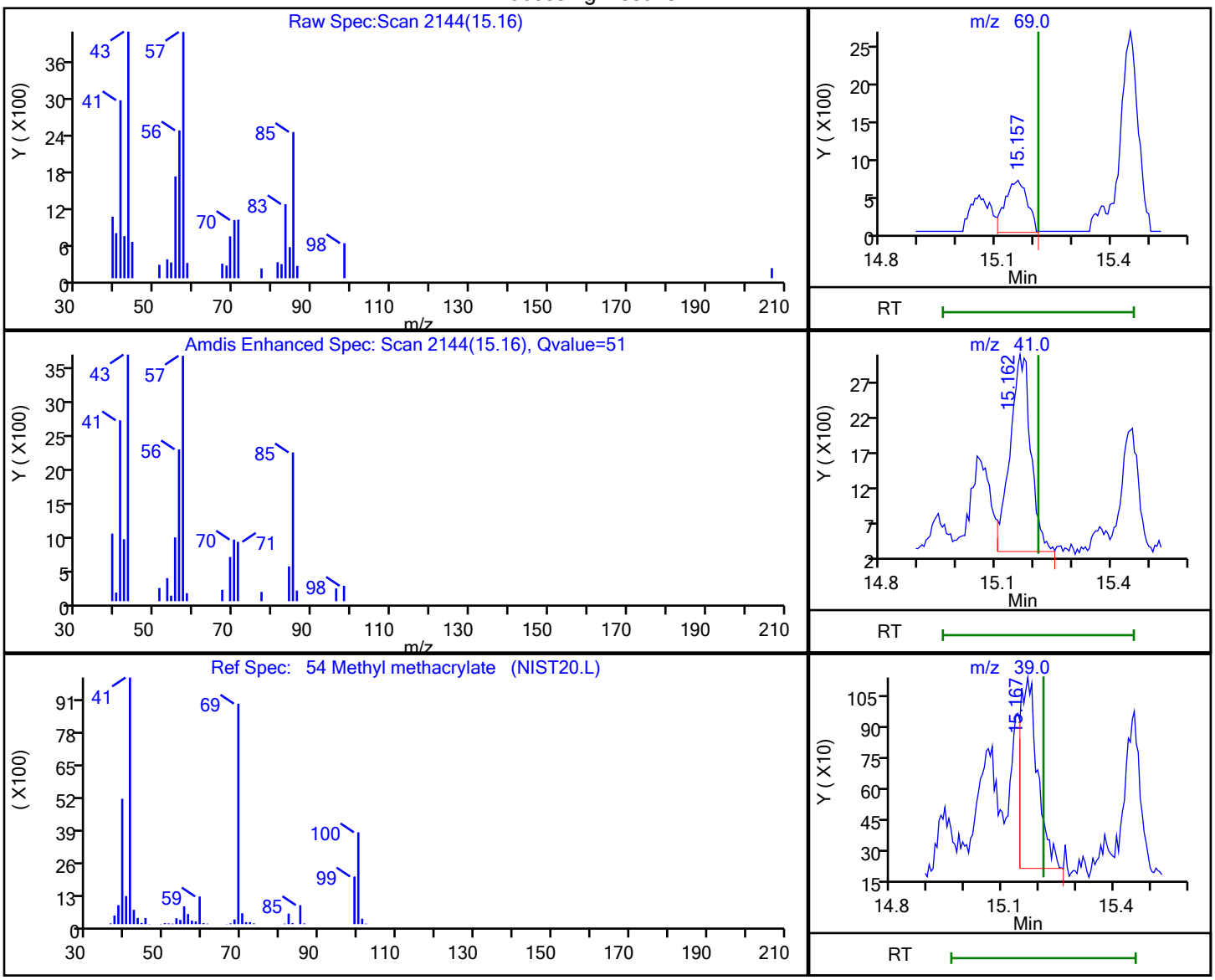
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 54 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.16 | 69.00 | 2746 | 0.128362 |
| 15.16 | 41.00 | 10519 | |
| 15.17 | 39.00 | 2995 | |

Reviewer: F7XK, 11-Feb-2025 09:02:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

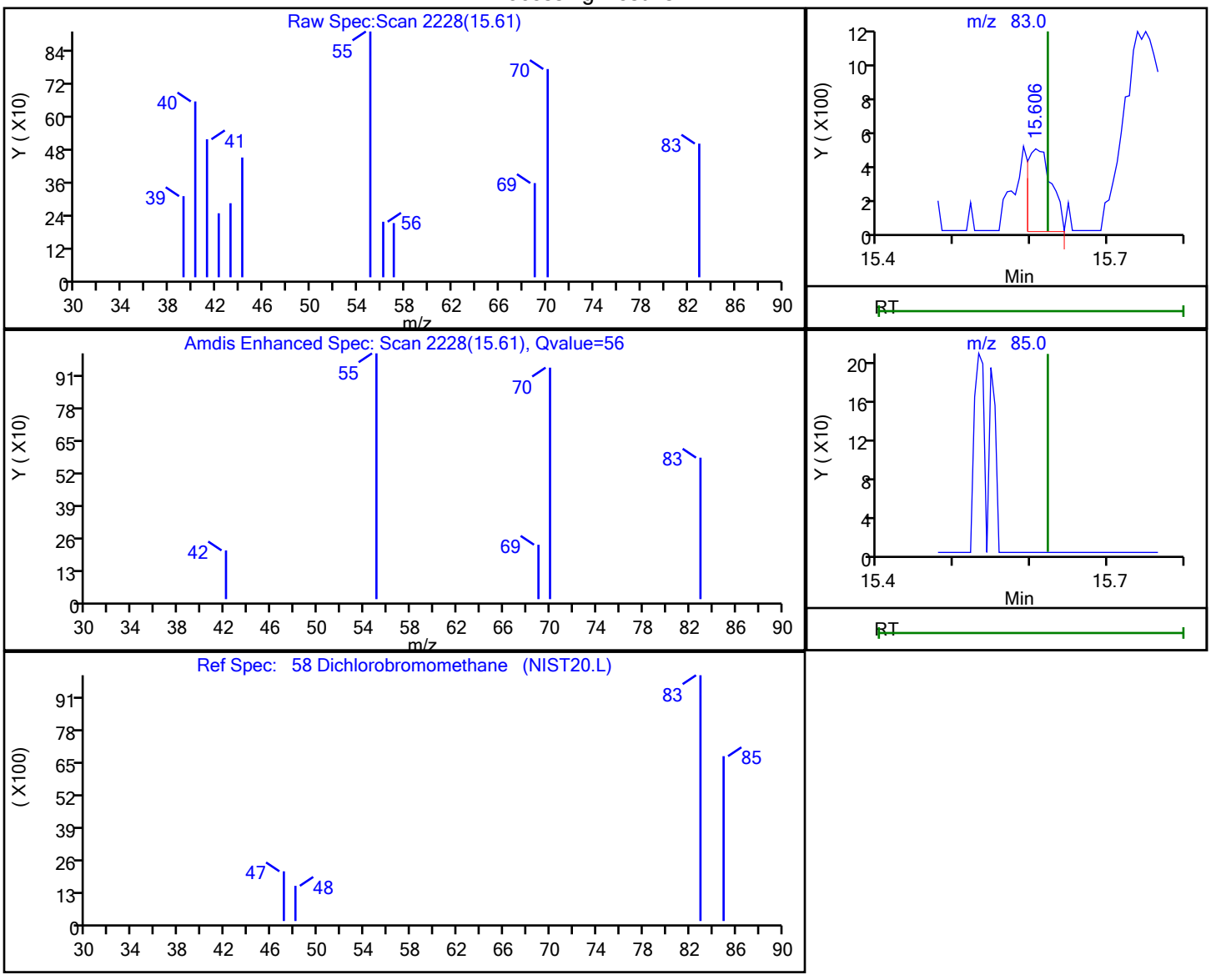
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 58 Dichlorobromomethane, CAS: 75-27-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.61 | 83.00 | 1060 | 0.025787 |
| 15.62 | 85.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:02:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

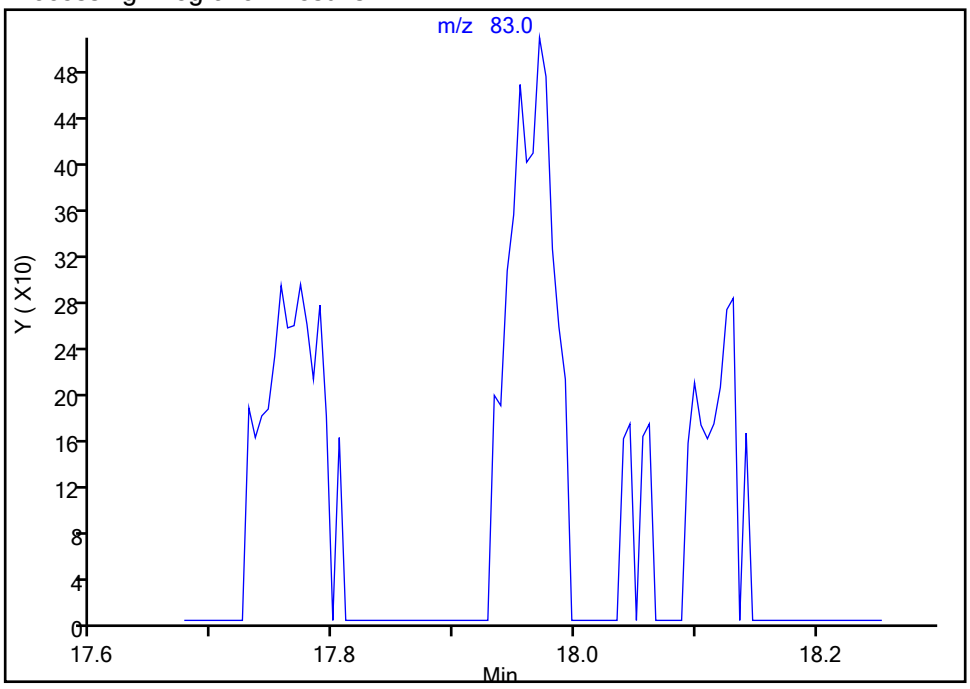
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 67 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

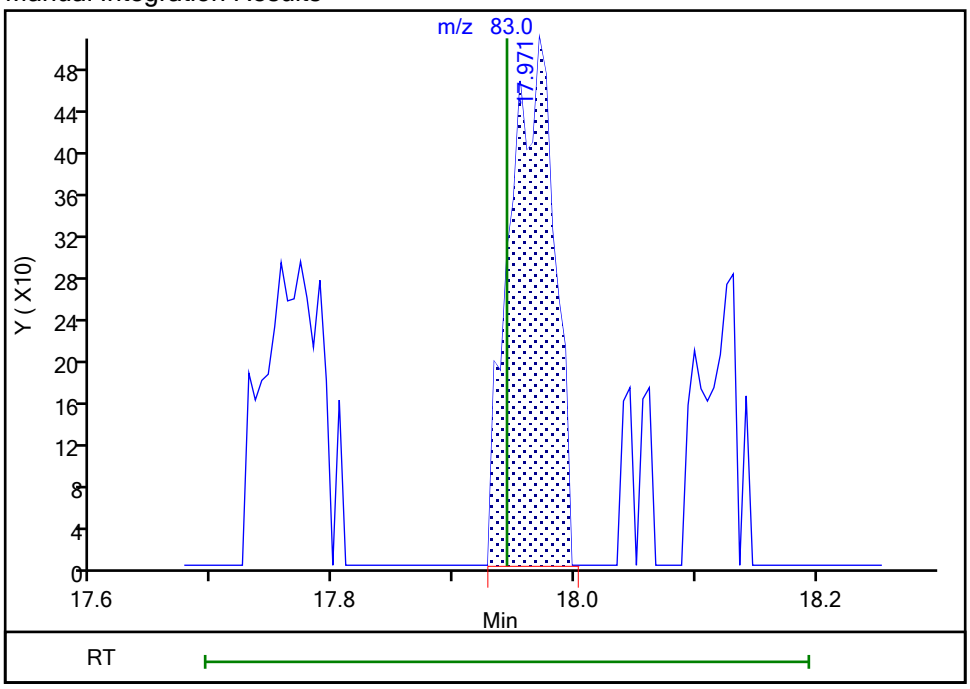
Not Detected
Expected RT: 17.94

Processing Integration Results




Manual Integration Results

RT: 17.97
Area: 1317
Amount: 0.059985
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:03:22 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

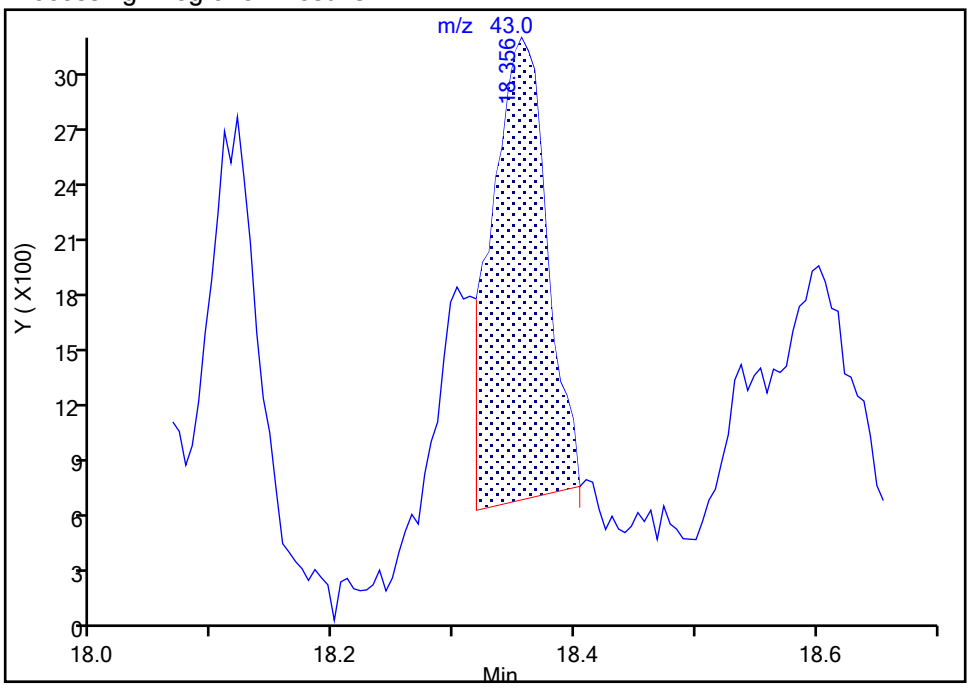
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6

Signal: 1

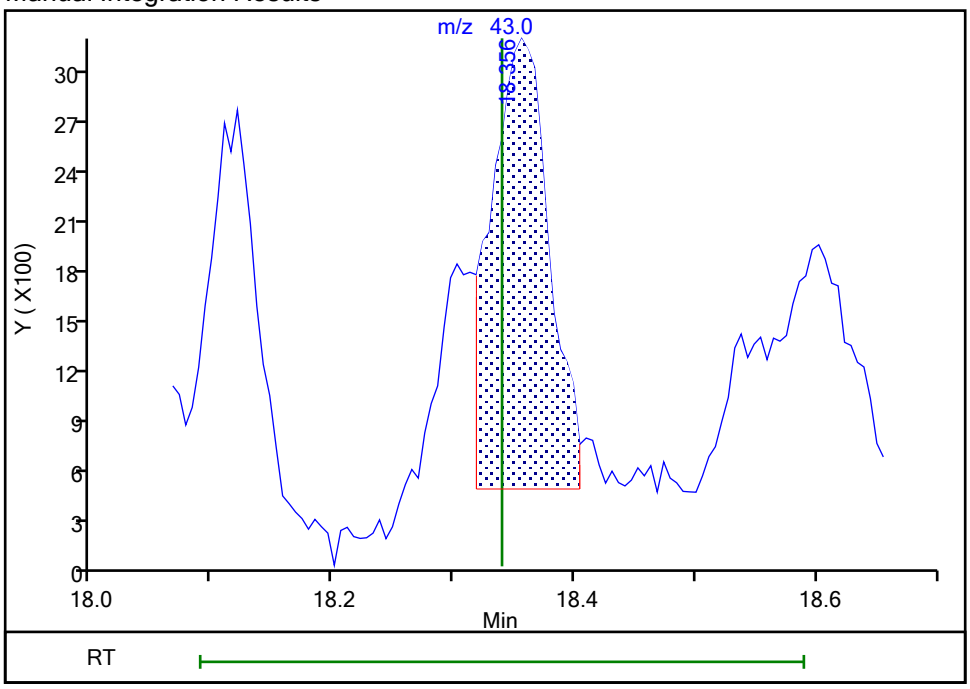
Processing Integration Results

RT: 18.36
Area: 8085
Amount: 0.221425
Amount Units: ppb v/v




Manual Integration Results

RT: 18.36
Area: 9201
Amount: 0.251989
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:03:45 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

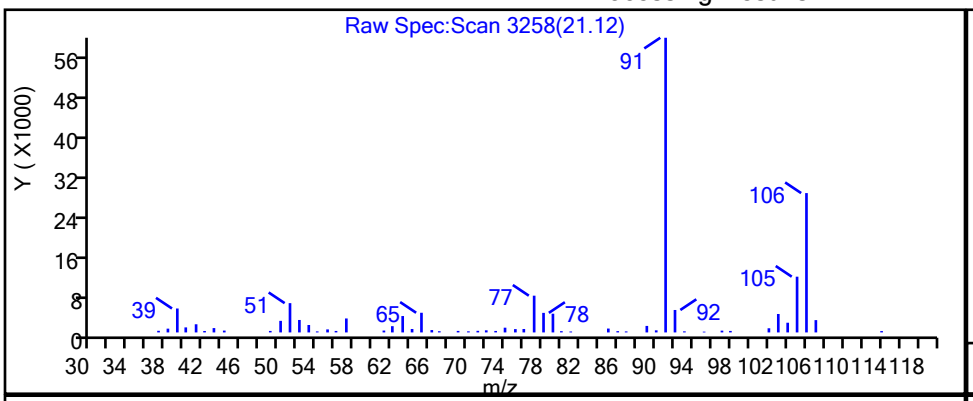
User Disabled Compound Report

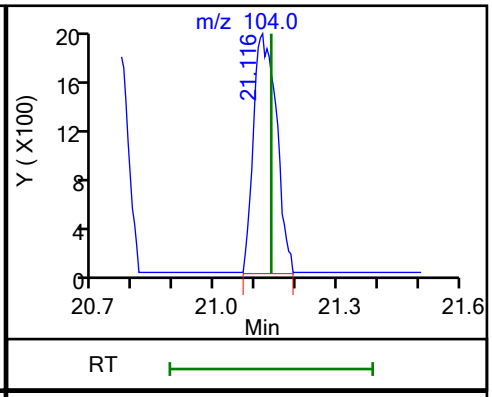
Eurofins Burlington

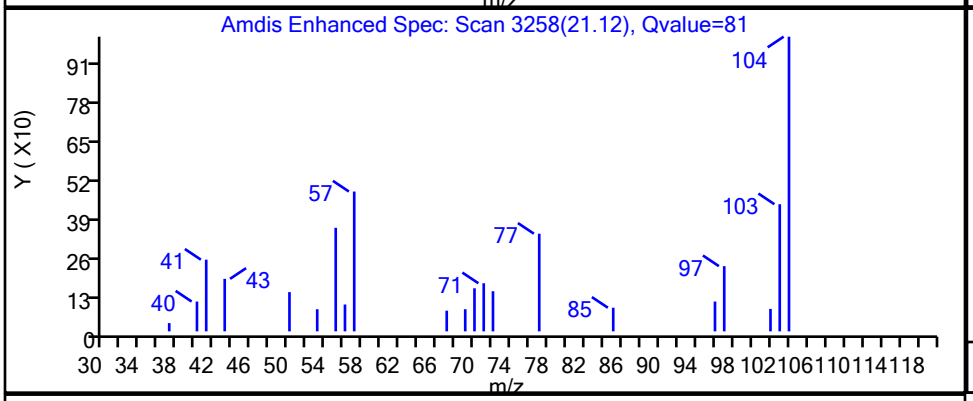
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

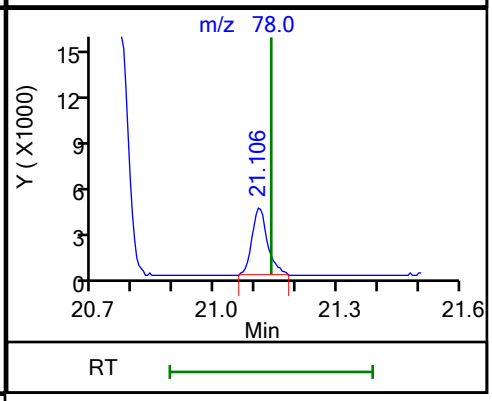
## 79 Styrene, CAS: 100-42-5

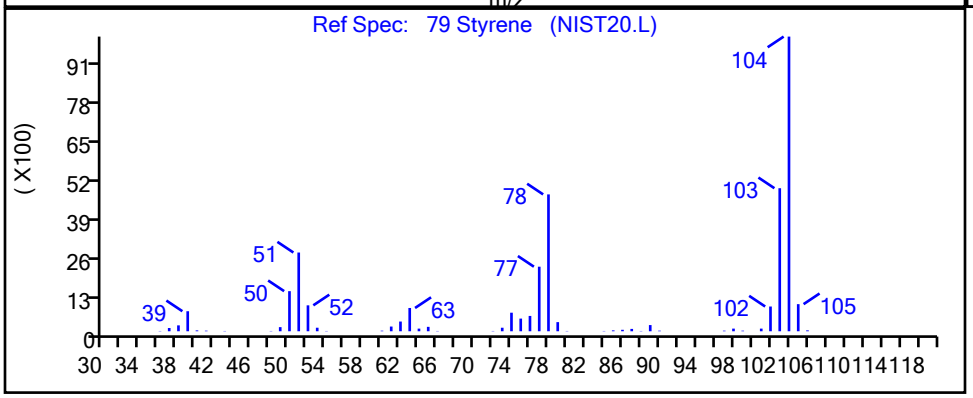
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 21.12 | 104.00 | 7645 | 0.133293 |
| 21.11 | 78.00 | 11744 | |

Reviewer: F7XK, 11-Feb-2025 09:04:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

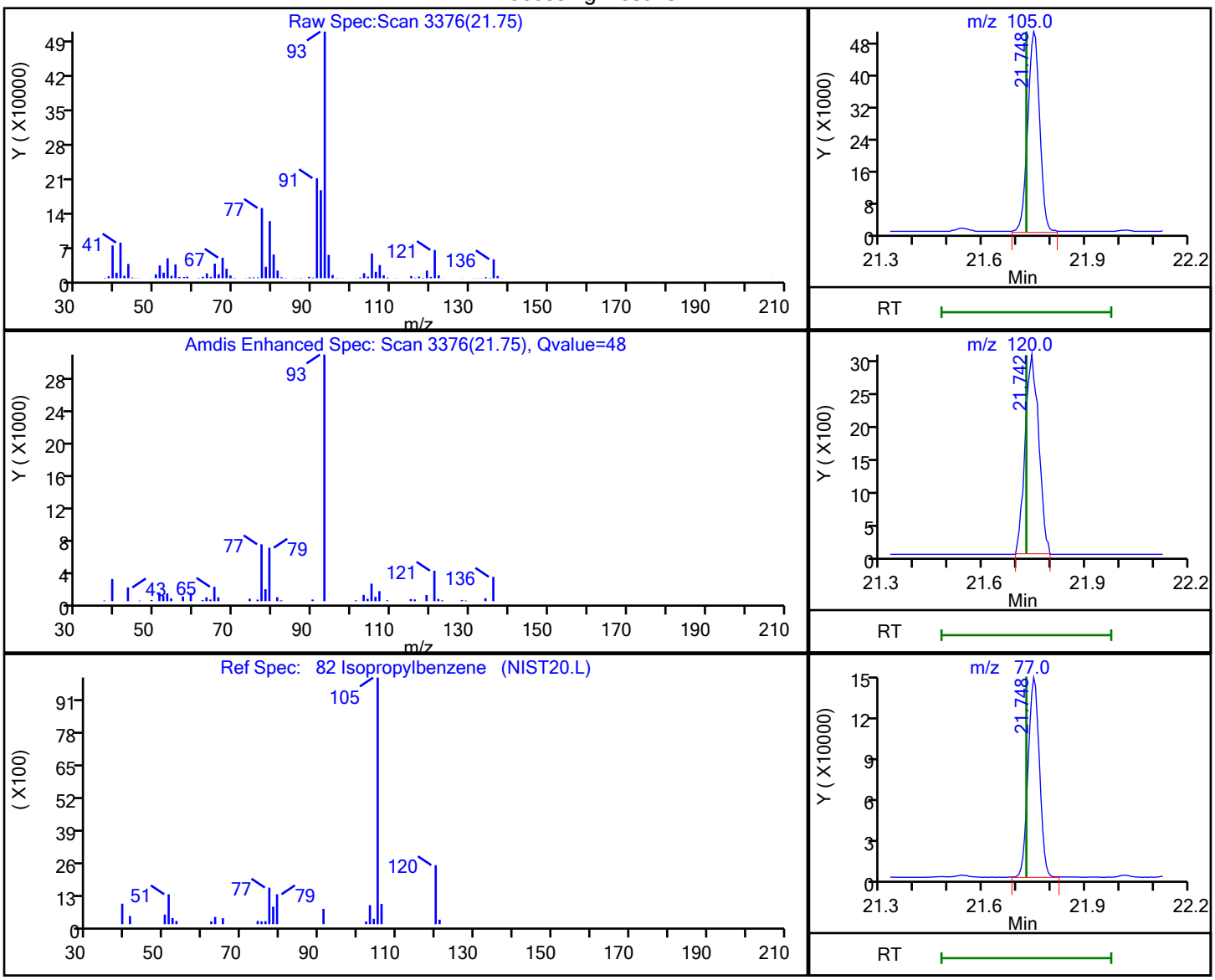
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 82 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 21.75 | 105.00 | 123237 | 1.189389 |
| 21.74 | 120.00 | 8449 | |
| 21.75 | 77.00 | 333058 | |

Reviewer: F7XK, 11-Feb-2025 09:04:47 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

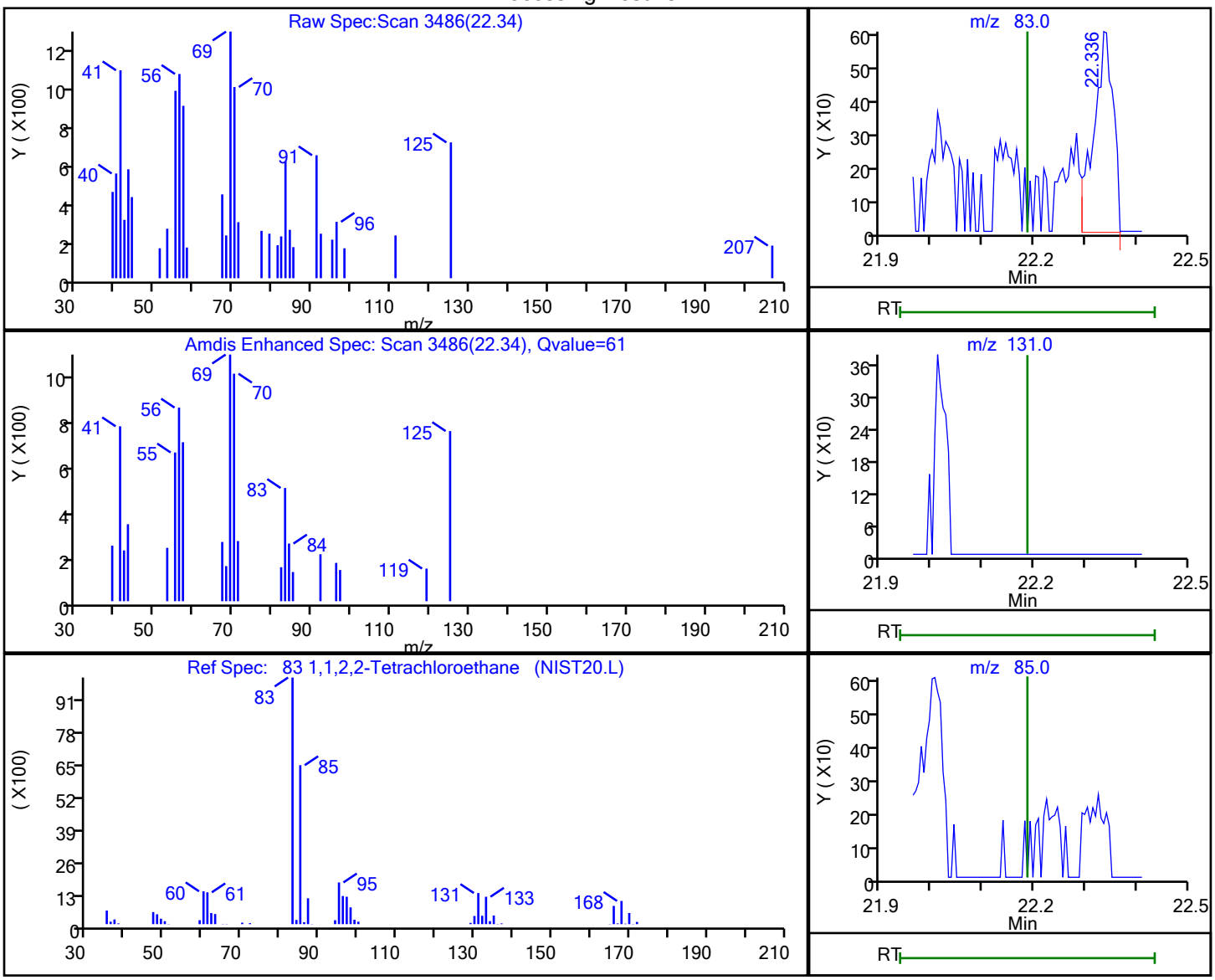
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 83 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 22.34 | 83.00 | 1592 | 0.026936 |
| 22.19 | 131.00 | 0 | |
| 22.19 | 85.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:04:52 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

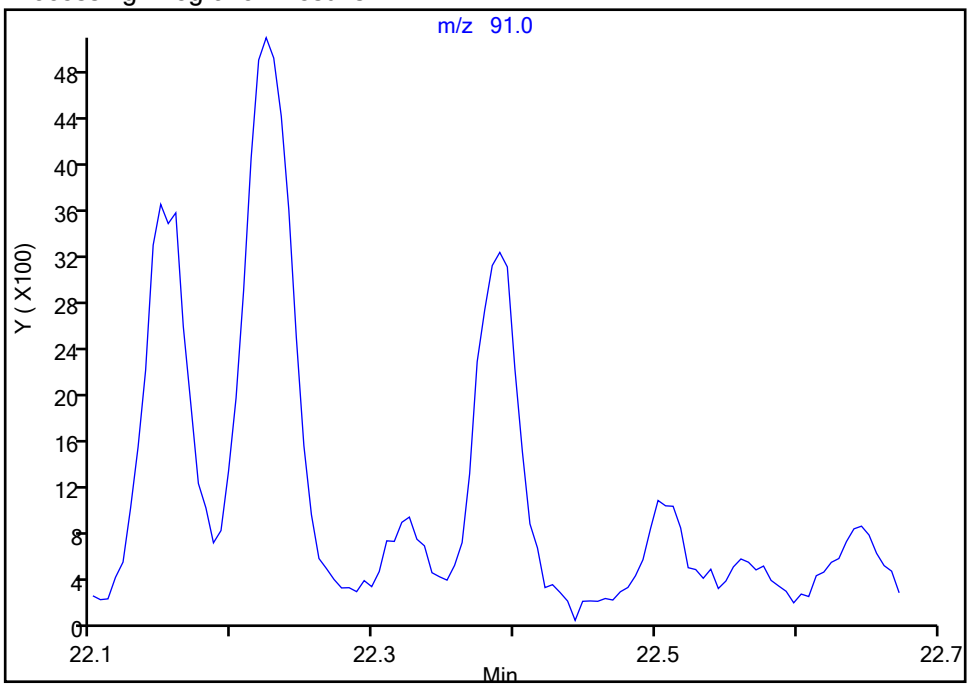
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

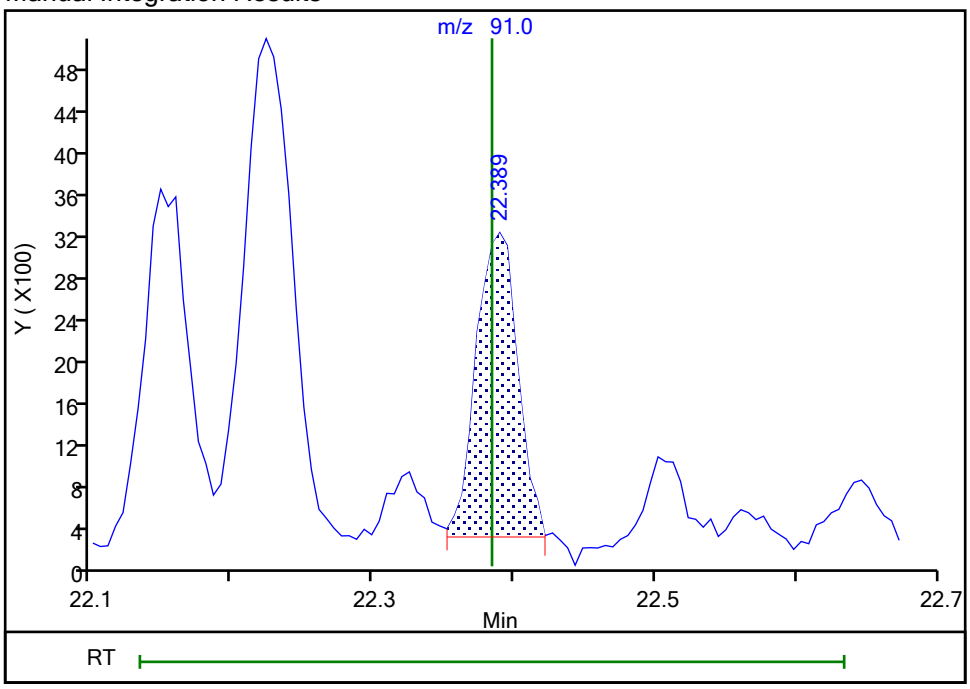
Not Detected
Expected RT: 22.38

Processing Integration Results




Manual Integration Results

RT: 22.39
Area: 5887
Amount: 0.044851
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:05:02 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

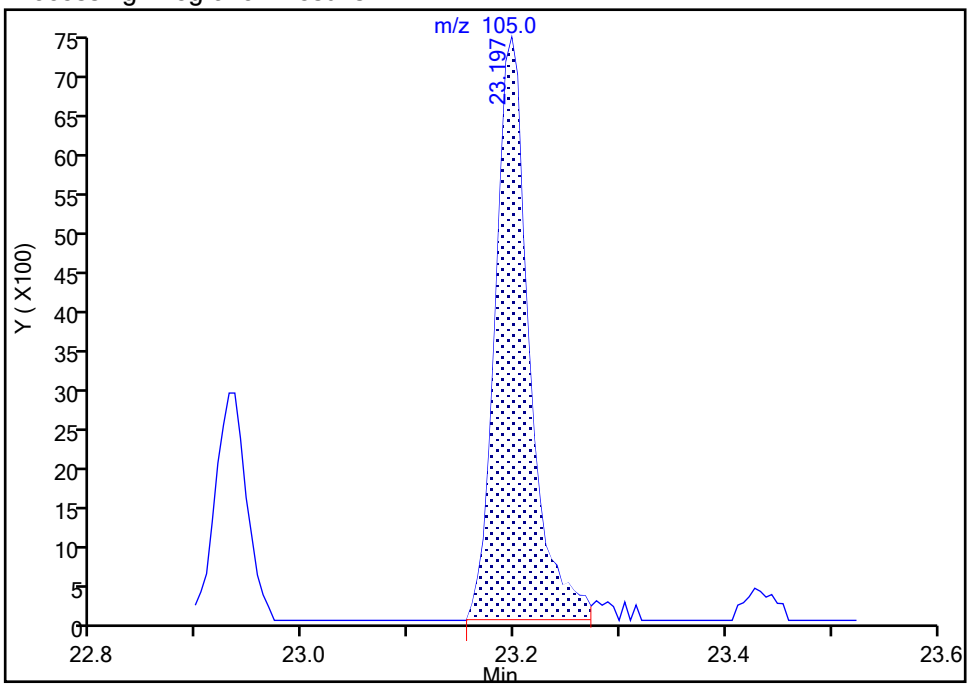
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

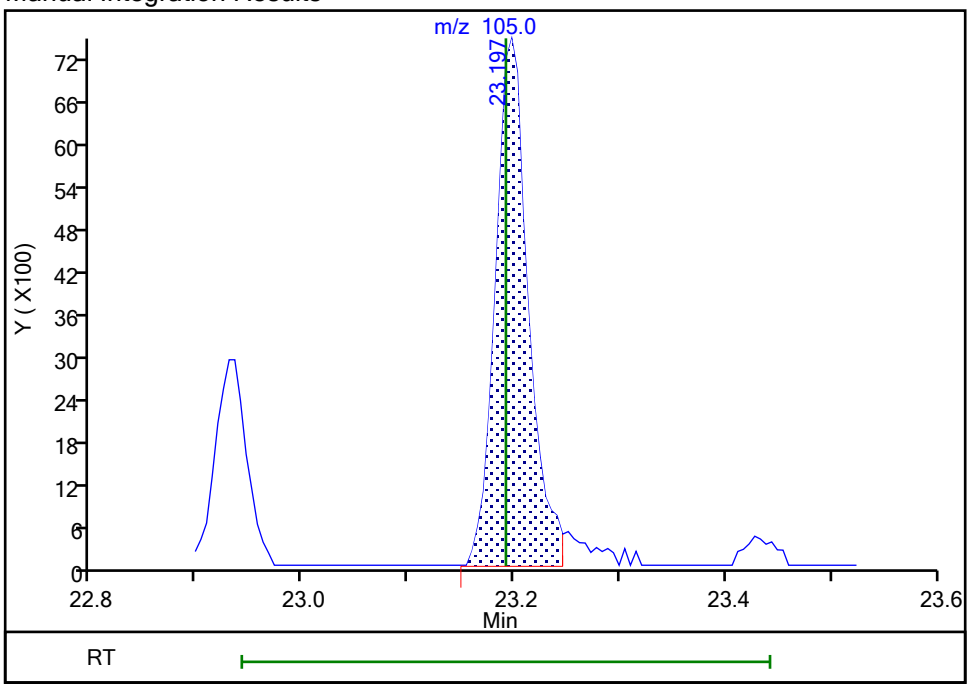
Processing Integration Results

RT: 23.20
Area: 16733
Amount: 0.187631
Amount Units: ppb v/v




Manual Integration Results

RT: 23.20
Area: 16194
Amount: 0.181587
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:05:32 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

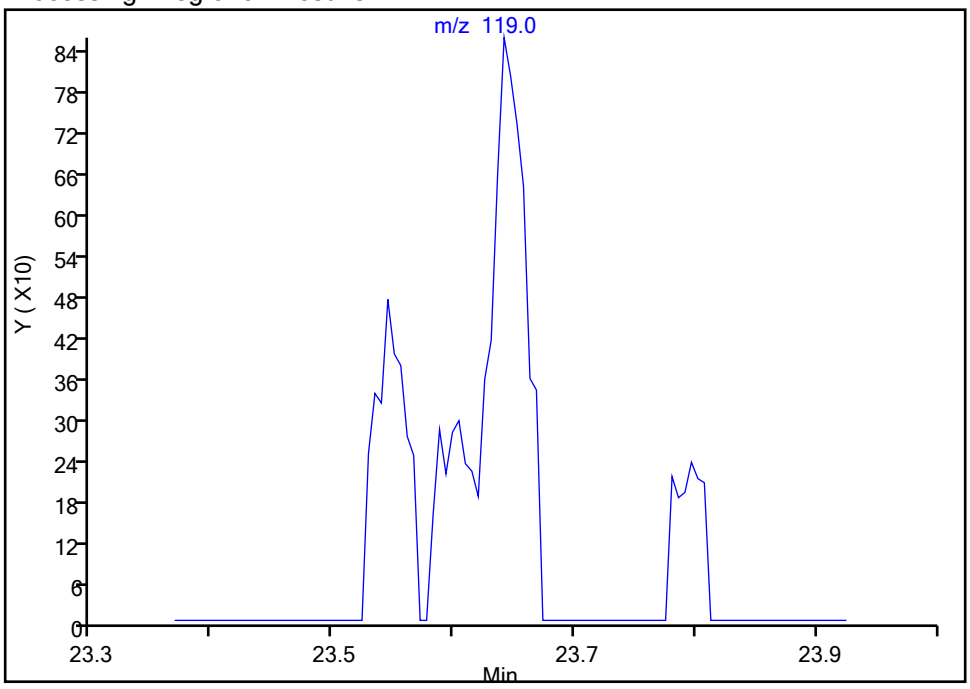
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-11.d | | | | |
| Injection Date: | 10-Feb-2025 16:10:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 10 | Worklist Smp#: | 11 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

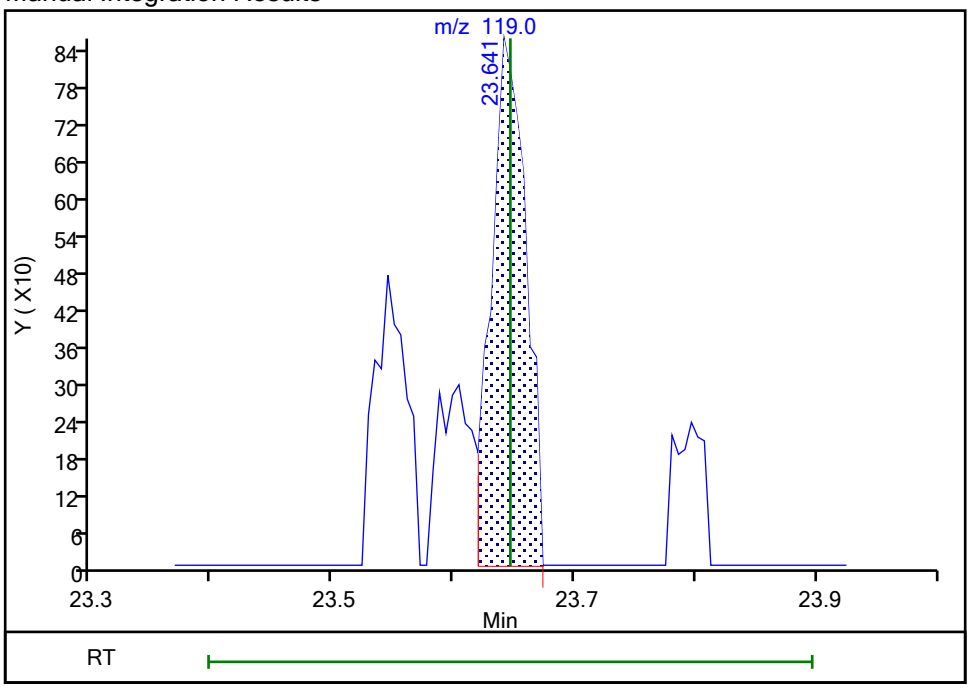
Not Detected
Expected RT: 23.65

Processing Integration Results




Manual Integration Results

RT: 23.64
Area: 1706
Amount: 0.014954
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:05:53 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01 DL  Lab Sample ID: 200-76885-1 DL

Matrix: Air  Lab File ID: 63948-12.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:17

Sample wt/vol: 50(mL)  Date Analyzed: 02/10/2025 17:01

Soil Aliquot Vol:  Dilution Factor: 4

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 106-97-8 | n-Butane | 58.12 | 220 | D | 4.8 | 1.9 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-21-01 DL  Lab Sample ID: 200-76885-1 DL

Matrix: Air  Lab File ID: 63948-12.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:17

Sample wt/vol: 50(mL)  Date Analyzed: 02/10/2025 17:01

Soil Aliquot Vol:  Dilution Factor: 4

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 106-97-8 | n-Butane | 58.12 | 92 | D | 2.0 | 0.80 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-12.d
Lims ID: 200-76885-A-1 DL
Client ID: RX-21-01
Sample Type: Client
Inject. Date: 10-Feb-2025 17:01:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 4.0000
Sample Info: 200-0063948-012
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:12:10 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 09:12:10

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 4.158 | 4.158 | 0.000 | 99 | 5985 | 0.1330 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.195 | 0.005 | 96 | 1853 | 0.0670 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | ND | |
| 5 Chloromethane | 50 | | 4.612 | | | | ND | MU |
| 6 Vinyl chloride | 62 | | 4.906 | | | | ND | |
| 7 Butane | 43 | 4.912 | 4.914 | 0.000 | 98 | 547621 | 23.0 | |
| 8 Butadiene | 54 | 5.019 | 5.021 | 0.000 | 89 | 2112 | 0.1486 | |
| 9 Bromomethane | 94 | | 5.762 | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | ND | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.715 | 0.005 | 87 | 3009 | 0.0695 | |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.004 | | | | ND | 7 |
| 22 Acetone | 43 | 8.057 | 8.041 | 0.016 | 97 | 61888 | 2.38 | |
| 23 Isopropyl alcohol | 45 | 8.443 | 8.443 | 0.043 | 36 | 9633 | 0.3535 | M |
| 24 Carbon disulfide | 76 | 8.448 | 8.459 | 0.000 | 99 | 23206 | 0.4022 | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.063 | 0.000 | 84 | 1704 | 0.0766 | |
| 28 2-Methyl-2-propanol | 59 | 9.341 | 9.319 | 0.026 | 99 | 32505 | 0.9208 | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.673 | | | | ND | |
| 32 Hexane | 57 | 10.283 | 10.282 | 0.005 | 93 | 160447 | 5.32 | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | ND | |
| 36 2-Butanone (MEK) | 72 | 11.706 | 11.706 | 0.032 | 99 | 2557 | 0.2646 | M |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.171 | 0.006 | 94 | 151160 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | |
| 41 Chloroform | 83 | 12.369 | 12.375 | 0.000 | 97 | 10810 | 0.2733 | |
| 42 1,1,1-Trichloroethane | 97 | 12.712 | 12.712 | 0.000 | 85 | 1994 | 0.0521 | |
| 43 Cyclohexane | 84 | | 12.878 | | | | ND | MU |
| 44 Carbon tetrachloride | 117 | | 13.027 | | | | ND | |
| 45 Benzene | 78 | 13.396 | 13.402 | 0.000 | 95 | 9967 | 0.1532 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 46 1,2-Dichloroethane | 62 | | 13.471 | | | | ND | |
| 47 Isooctane | 57 | | 13.632 | | | | ND | MU |
| 48 n-Heptane | 43 | 13.958 | 13.964 | 0.000 | 92 | 56139 | 1.68 | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 95 | 764642 | 10.0 | |
| 51 Trichloroethene | 95 | | 14.654 | | | | ND | |
| 53 1,2-Dichloropropane | 63 | | 15.135 | | | | ND | |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | MU |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | |
| 58 Dichlorobromomethane | 83 | | 15.622 | | | | ND | 7 |
| 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.735 | 16.720 | 0.022 | 95 | 5388 | 0.1331 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 33251 | 0.7716 | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | | 17.944 | | | | ND | |
| 68 Tetrachloroethene | 166 | 18.184 | 18.184 | 0.016 | 52 | 648 | 0.0168 | M |
| 69 2-Hexanone | 43 | | 18.340 | | | | ND | 7 |
| 70 Chlorodibromomethane | 129 | | 18.714 | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.971 | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 19.896 | 19.902 | -0.006 | 87 | 657225 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.961 | | | | ND | |
| 75 Ethylbenzene | 91 | 20.148 | 20.137 | 0.006 | 98 | 27821 | 0.2895 | |
| 76 m-Xylene & p-Xylene | 106 | 20.389 | 20.394 | -0.005 | 0 | 47140 | 1.25 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 13893 | 0.3997 | |
| 79 Styrene | 104 | | 21.137 | | | | ND | 7 |
| 81 Bromoform | 173 | | 21.458 | | | | ND | |
| 82 Isopropylbenzene | 105 | | 21.726 | | | | ND | MU |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | ND | 7 |
| 85 N-Propylbenzene | 91 | | 22.384 | | | | ND | MU |
| 86 2-Chlorotoluene | 91 | | 22.534 | | | | ND | |
| 87 4-Ethyltoluene | 105 | 22.577 | 22.577 | 0.011 | 58 | 820 | 0.007699 | 7M |
| 88 1,3,5-Trimethylbenzene | 105 | 22.657 | 22.657 | 0.006 | 74 | 1183 | 0.0131 | Ma |
| 91 tert-Butylbenzene | 119 | | 23.112 | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.192 | 23.197 | 0.000 | 92 | 2506 | 0.0282 | |
| 93 sec-Butylbenzene | 105 | | 23.432 | | | | ND | MU |
| 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | ND | |
| 95 4-Isopropyltoluene | 119 | | 23.646 | | | | ND | |
| 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | ND | |
| 97 Benzyl chloride | 91 | | 23.919 | | | | ND | |
| 98 n-Butylbenzene | 91 | | 24.246 | | | | ND | |
| 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | ND | |
| 103 Hexachlorobutadiene | 225 | | 27.290 | | | | ND | |
| 104 Naphthalene | 128 | | 27.573 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

## Reagents:

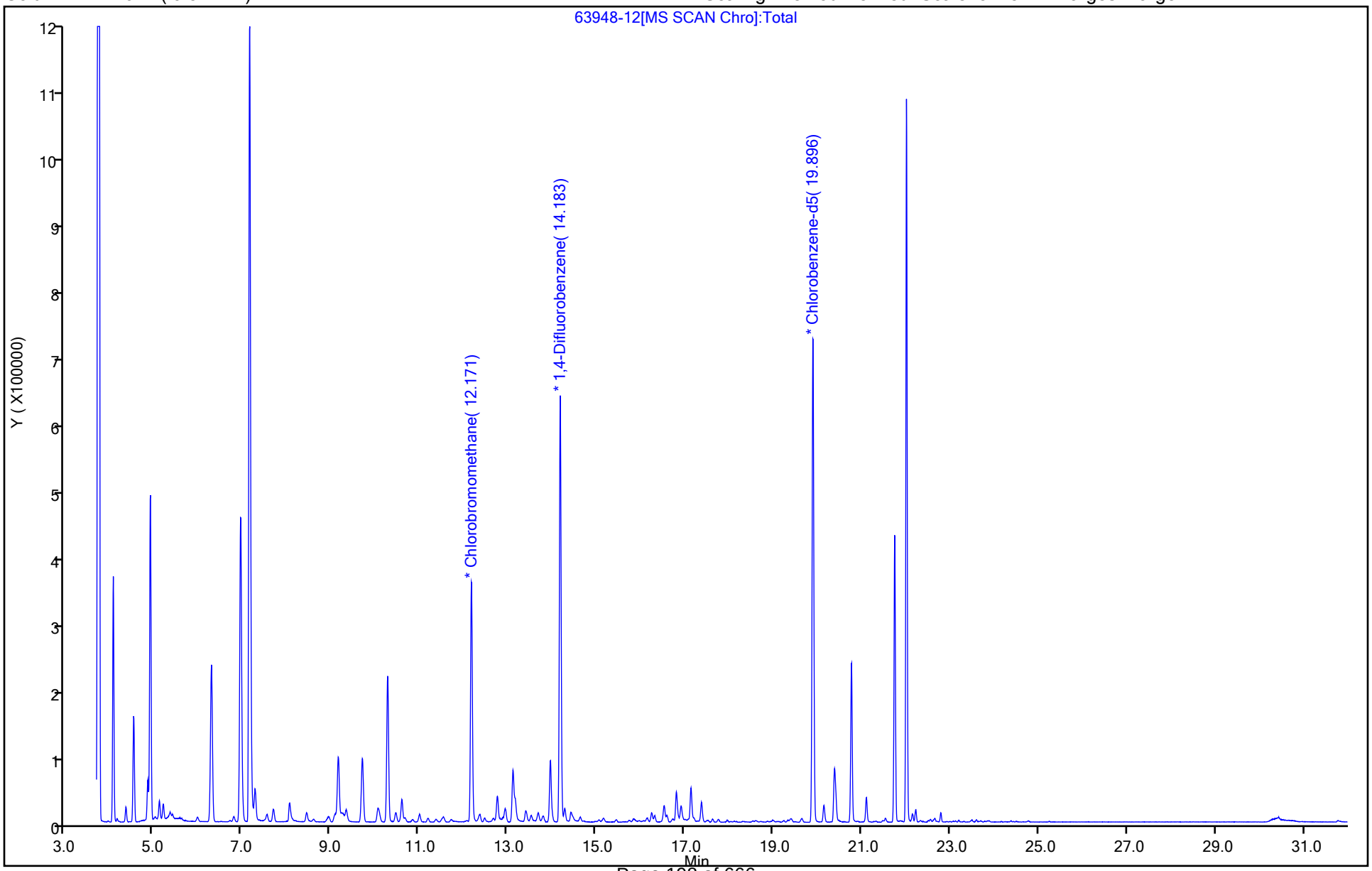
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 11-Feb-2025 09:12:10 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-12.d | | | | |
| Injection Date: | 10-Feb-2025 17:01:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | 200-76885-A-1 DL | Lab Sample ID: | 200-76885-1 | Worklist Smp#: | 12 |
| Client ID: | RX-21-01 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 4.0000 | ALS Bottle#: | 11 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



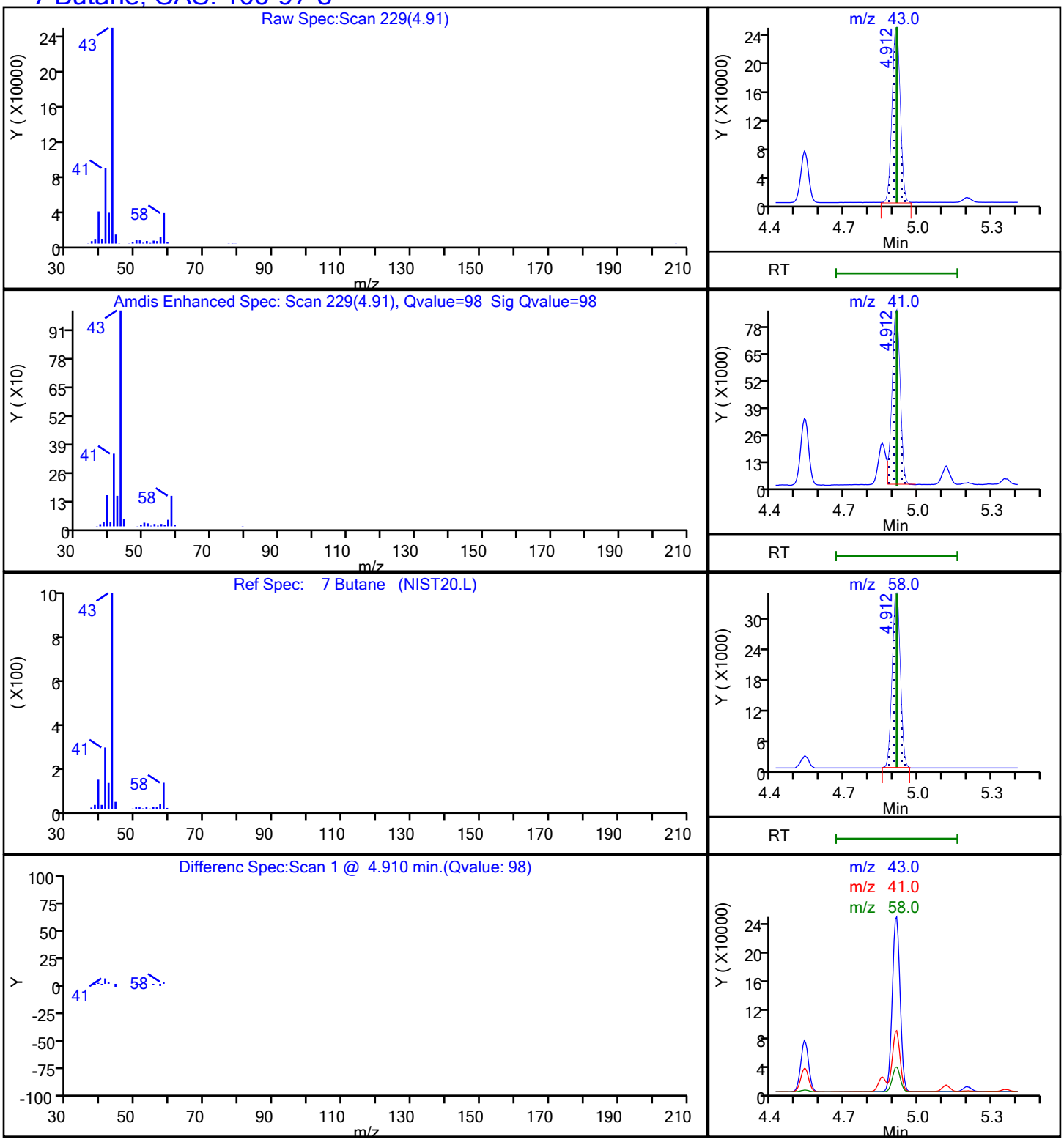
Report Date: 11-Feb-2025 09:12:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-12.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:01:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-1 DL | Lab Sample ID: | 200-76885-1 | | |
| Client ID: | RX-21-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 11 | Worklist Smp#: | 12 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 4.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 7 Butane, CAS: 106-97-8



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 200-76885-2

Matrix: Air | Lab File ID: 63948-13.d

Analysis Method: TO-15 | Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL) | Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213497 | Units: ug/m3

Preparation Batch No.: | Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 2.6 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 1.0 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 50.49 | 0.66 | J | 1.0 | 0.31 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 1.0 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 94.94 | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 64.52 | 1.3 | U | 1.3 | 0.47 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.87 | U | 0.87 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 1.6 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.60 | J | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 58.08 | 26 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 76.14 | 4.4 | | 1.6 | 0.40 |
| 107-05-1 | 3-Chloropropene | 76.53 | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 84.93 | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 11 | J | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 86.17 | 75 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 5.2 | | 1.5 | 1.4 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 119.38 | 4.8 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 1.0 | J | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 84.16 | 0.69 | U | 0.69 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.22 | | 0.22 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.93 | U | 0.93 | 0.18 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025  Lab Sample ID: 200-76885-2

Matrix: Air  Lab File ID: 63948-13.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 71-43-2 | Benzene | 78.11 | 2.0 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 100.21 | 30 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 131.39 | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 100.12 | 2.0 | U | 2.0 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 18 | U | 18 | 0.30 |
| 75-27-4 | Bromodichloromethane | 163.83 | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 2.5 | | 2.0 | 0.53 |
| 108-88-3 | Toluene | 92.14 | 12 | | 0.75 | 0.23 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.54 | J | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 0.98 | J | 2.0 | 0.61 |
| 124-48-1 | Dibromochloromethane | 208.28 | 1.7 | U | 1.7 | 0.54 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 106.17 | 5.4 | | 0.87 | 0.30 |
| 179601-23-1 | m,p-Xylene | 106.17 | 25 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 106.17 | 7.9 | | 0.87 | 0.27 |
| 100-42-5 | Styrene | 104.15 | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 252.75 | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 120.19 | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.25 | J | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.28 | J | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 1.0 | U | 1.0 | 0.24 |
| 98-06-6 | tert-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.26 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025  Lab Sample ID: 200-76885-2

Matrix: Air  Lab File ID: 63948-13.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.68 | J | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 1.1 | U | 1.1 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.44 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 126.58 | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 3.7 | U | 3.7 | 2.4 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 128.17 | 2.0 | U | 2.0 | 1.6 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025  Lab Sample ID: 200-76885-2

Matrix: Air  Lab File ID: 63948-13.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 0.53 | | 0.50 | 0.11 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 0.28 | J | 0.50 | 0.12 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 0.20 | U | 0.20 | 0.048 |
| 74-87-3 | Chloromethane | 50.49 | 0.32 | J | 0.50 | 0.15 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.078 | U | 0.078 | 0.021 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 0.46 | | 0.20 | 0.039 |
| 74-83-9 | Bromomethane | 94.94 | 0.20 | U | 0.20 | 0.071 |
| 75-00-3 | Chloroethane | 64.52 | 0.50 | U | 0.50 | 0.18 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.20 | U | 0.20 | 0.050 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 0.29 | | 0.20 | 0.050 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.078 | J | 0.20 | 0.053 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.026 |
| 67-64-1 | Acetone | 58.08 | 11 | | 5.0 | 1.6 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 5.0 | U | 5.0 | 1.6 |
| 75-15-0 | Carbon disulfide | 76.14 | 1.4 | | 0.50 | 0.13 |
| 107-05-1 | 3-Chloropropene | 76.53 | 0.50 | U | 0.50 | 0.12 |
| 75-09-2 | Methylene Chloride | 84.93 | 0.50 | U | 0.50 | 0.18 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 3.7 | J | 5.0 | 1.2 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.20 | U | 0.20 | 0.036 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.023 |
| 110-54-3 | n-Hexane | 86.17 | 21 | | 0.50 | 0.11 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.025 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 1.8 | | 0.50 | 0.49 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.021 |
| 67-66-3 | Chloroform | 119.38 | 0.99 | | 0.20 | 0.041 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 5.0 | U | 5.0 | 1.3 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 0.19 | J | 0.20 | 0.044 |
| 110-82-7 | Cyclohexane | 84.16 | 0.20 | U | 0.20 | 0.058 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.036 | | 0.035 | 0.022 |
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.20 | U | 0.20 | 0.038 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025 | Lab Sample ID: 200-76885-2

Matrix: Air | Lab File ID: 63948-13.d

Analysis Method: TO-15 | Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL) | Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213497 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 71-43-2 | Benzene | 78.11 | 0.61 | | 0.20 | 0.044 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.093 |
| 142-82-5 | n-Heptane | 100.21 | 7.4 | | 0.20 | 0.055 |
| 79-01-6 | Trichloroethene | 131.39 | 0.037 | U | 0.037 | 0.025 |
| 80-62-6 | Methyl methacrylate | 100.12 | 0.50 | U | 0.50 | 0.14 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.20 | U | 0.20 | 0.094 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 5.0 | U | 5.0 | 0.082 |
| 75-27-4 | Bromodichloromethane | 163.83 | 0.20 | U | 0.20 | 0.050 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.045 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 0.62 | | 0.50 | 0.13 |
| 108-88-3 | Toluene | 92.14 | 3.2 | | 0.20 | 0.062 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.054 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.074 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.080 | J | 0.20 | 0.021 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 0.24 | J | 0.50 | 0.15 |
| 124-48-1 | Dibromochloromethane | 208.28 | 0.20 | U | 0.20 | 0.063 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 0.20 | U | 0.20 | 0.042 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.20 | U | 0.20 | 0.044 |
| 100-41-4 | Ethylbenzene | 106.17 | 1.3 | | 0.20 | 0.069 |
| 179601-23-1 | m,p-Xylene | 106.17 | 5.8 | | 0.50 | 0.095 |
| 95-47-6 | o-Xylene | 106.17 | 1.8 | | 0.20 | 0.063 |
| 100-42-5 | Styrene | 104.15 | 0.20 | U | 0.20 | 0.059 |
| 75-25-2 | Bromoform | 252.75 | 0.20 | U | 0.20 | 0.12 |
| 98-82-8 | Cumene | 120.19 | 0.20 | U | 0.20 | 0.041 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 0.20 | U | 0.20 | 0.043 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.20 | U | 0.20 | 0.047 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.051 | J | 0.20 | 0.049 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.058 | J | 0.20 | 0.047 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 0.20 | U | 0.20 | 0.046 |
| 98-06-6 | tert-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.047 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025  Lab Sample ID: 200-76885-2

Matrix: Air  Lab File ID: 63948-13.d

Analysis Method: TO-15  Date Collected: 02/05/2025 11:16

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 17:53

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N) ___ pH:

% Moisture: ____ % Solids: ____  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.14 | J | 0.20 | 0.080 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.045 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 0.20 | U | 0.20 | 0.061 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.074 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.089 |
| 100-44-7 | Benzyl chloride | 126.58 | 0.20 | U | 0.20 | 0.088 |
| 104-51-8 | n-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.11 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.066 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 0.50 | U | 0.50 | 0.33 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 0.20 | U | 0.20 | 0.11 |
| 91-20-3 | Naphthalene | 128.17 | 0.38 | U | 0.38 | 0.30 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d
Lims ID: 200-76885-A-2
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 10-Feb-2025 17:53:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-013
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 09:21:19 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 09:21:19

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.158 | 0.005 | 98 | 22993 | 0.5301 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.195 | 0.005 | 97 | 7510 | 0.2819 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | ND | MU |
| 5 Chloromethane | 50 | 4.612 | 4.618 | 0.000 | 97 | 5379 | 0.3213 | |
| 6 Vinyl chloride | 62 | | 4.906 | | | | ND | |
| 7 Butane | 43 | 4.912 | 4.914 | 0.000 | 98 | 1872746 | 81.5 | E |
| 8 Butadiene | 54 | 5.024 | 5.021 | 0.005 | 94 | 6330 | 0.4620 | |
| 9 Bromomethane | 94 | | 5.762 | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | ND | |
| 14 Trichlorofluoromethane | 101 | 6.709 | 6.715 | -0.006 | 98 | 12194 | 0.2921 | |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 7.999 | 8.007 | -0.005 | 87 | 3078 | 0.0778 | |
| 22 Acetone | 43 | 8.047 | 8.041 | 0.006 | 97 | 279870 | 11.2 | |
| 23 Isopropyl alcohol | 45 | 8.432 | 8.432 | 0.032 | 95 | 13056 | 0.4972 | M |
| 24 Carbon disulfide | 76 | 8.448 | 8.459 | 0.000 | 99 | 79194 | 1.42 | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.063 | 0.000 | 76 | 3203 | 0.1494 | |
| 28 2-Methyl-2-propanol | 59 | 9.325 | 9.319 | 0.010 | 99 | 127393 | 3.74 | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.673 | | | | ND | MU |
| 32 Hexane | 57 | 10.278 | 10.282 | 0.000 | 92 | 614870 | 21.2 | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | ND | MU |
| 36 2-Butanone (MEK) | 72 | 11.685 | 11.706 | 0.011 | 99 | 16442 | 1.77 | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.171 | 12.171 | 0.000 | 95 | 145676 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | |
| 41 Chloroform | 83 | 12.369 | 12.375 | 0.000 | 96 | 37790 | 0.99 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.712 | 0.005 | 98 | 6761 | 0.1863 | |
| 43 Cyclohexane | 84 | | 12.878 | | | | ND | MU |
| 44 Carbon tetrachloride | 117 | 13.022 | 13.027 | -0.005 | 55 | 1300 | 0.0355 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.006 | 94 | 37777 | 0.6118 | |

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 46 1,2-Dichloroethane | 62 | | 13.471 | | | | ND | |
| | 47 Isooctane | 57 | | 13.632 | | | | ND | MU |
| | 48 n-Heptane | 43 | 13.958 | 13.964 | 0.000 | 93 | 233789 | 7.38 | |
| * | 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 95 | 725675 | 10.0 | |
| | 51 Trichloroethene | 95 | | 14.654 | | | | ND | 7 |
| | 53 1,2-Dichloropropane | 63 | | 15.135 | | | | ND | |
| | 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | MU |
| | 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | |
| | 58 Dichlorobromomethane | 83 | | 15.622 | | | | ND | MU |
| | 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | ND | |
| | 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.719 | 16.720 | 0.006 | 95 | 23892 | 0.6217 | |
| | 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 131626 | 3.20 | |
| | 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | ND | |
| | 67 1,1,2-Trichloroethane | 83 | | 17.944 | | | | ND | |
| | 68 Tetrachloroethene | 166 | 18.174 | 18.184 | 0.006 | 88 | 2935 | 0.0797 | |
| | 69 2-Hexanone | 43 | 18.356 | 18.356 | 0.016 | 93 | 8308 | 0.2395 | |
| | 70 Chlorodibromomethane | 129 | | 18.714 | | | | ND | |
| | 71 Ethylene Dibromide | 107 | | 18.971 | | | | ND | |
| * | 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 87 | 627021 | 10.0 | |
| | 74 Chlorobenzene | 112 | | 19.961 | | | | ND | |
| | 75 Ethylbenzene | 91 | 20.148 | 20.137 | 0.006 | 98 | 114906 | 1.25 | |
| | 76 m-Xylene & p-Xylene | 106 | 20.389 | 20.394 | -0.006 | 0 | 206498 | 5.76 | |
| | 78 o-Xylene | 106 | 21.105 | 21.111 | -0.006 | 99 | 60359 | 1.82 | |
| | 79 Styrene | 104 | | 21.137 | | | | ND | MU |
| | 81 Bromoform | 173 | | 21.458 | | | | ND | |
| | 82 Isopropylbenzene | 105 | | 21.726 | | | | ND | MU |
| | 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | ND | 7 |
| | 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.005 | 67 | 4889 | 0.0392 | M |
| | 86 2-Chlorotoluene | 91 | | 22.534 | | | | ND | |
| | 87 4-Ethyltoluene | 105 | 22.571 | 22.577 | 0.005 | 98 | 5199 | 0.0512 | |
| | 88 1,3,5-Trimethylbenzene | 105 | 22.646 | 22.657 | -0.005 | 89 | 4973 | 0.0576 | |
| | 91 tert-Butylbenzene | 119 | | 23.112 | | | | ND | |
| | 92 1,2,4-Trimethylbenzene | 105 | 23.192 | 23.192 | 0.000 | 98 | 11734 | 0.1385 | M |
| | 93 sec-Butylbenzene | 105 | | 23.432 | | | | ND | |
| | 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | ND | 7 |
| | 95 4-Isopropyltoluene | 119 | 23.646 | 23.646 | 0.000 | 3 | 1645 | 0.0152 | M |
| | 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | ND | 7 |
| | 97 Benzyl chloride | 91 | | 23.919 | | | | ND | |
| | 98 n-Butylbenzene | 91 | | 24.246 | | | | ND | 7 |
| | 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | ND | |
| | 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | ND | |
| | 103 Hexachlorobutadiene | 225 | | 27.290 | | | | ND | |
| | 104 Naphthalene | 128 | | 27.573 | | | | ND | |

## QC Flag Legend

Processing Flags

E - Exceeded Maximum Amount

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected

## Reagents:

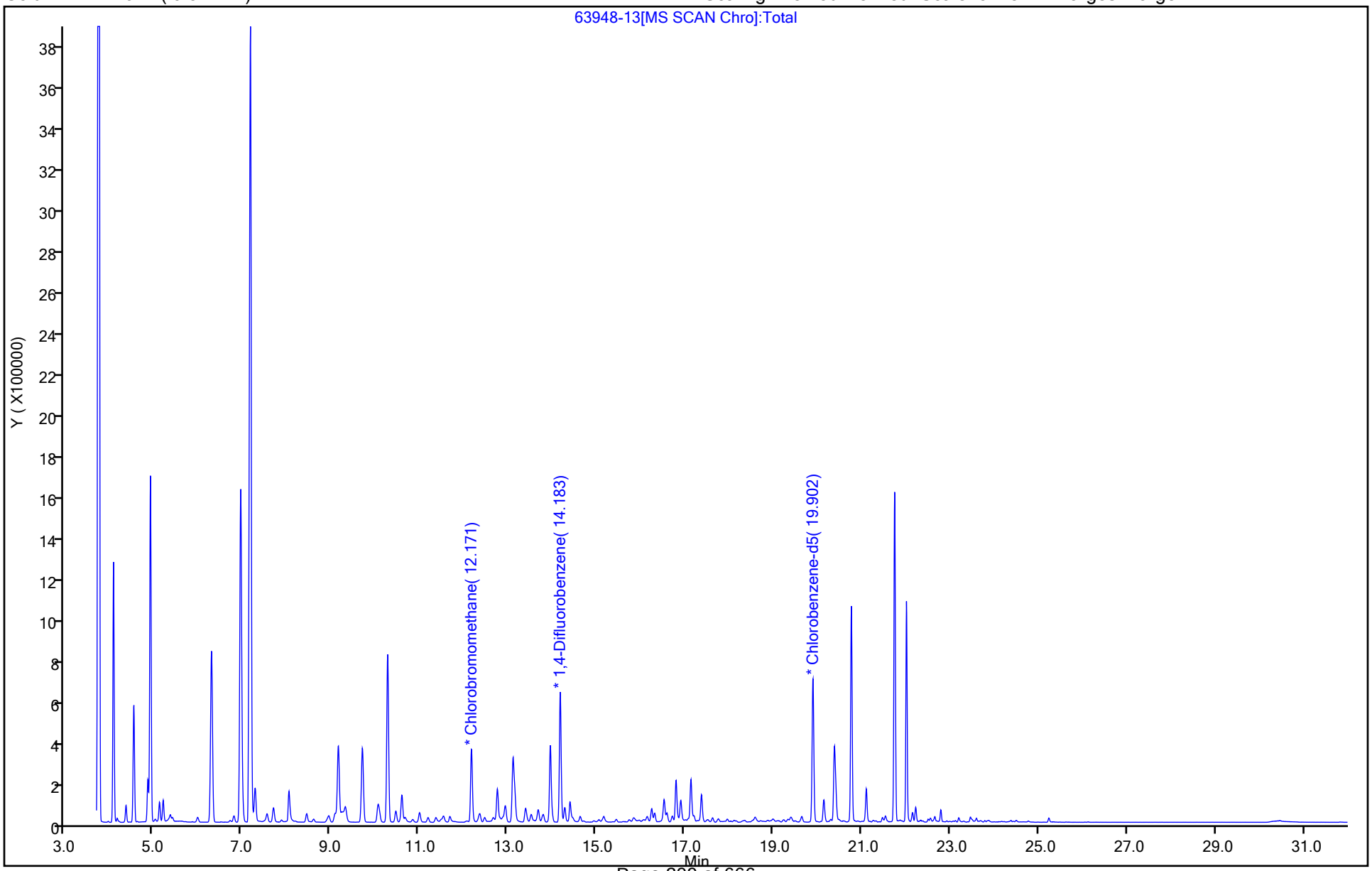
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | Worklist Smp#: | 13 |
| Client ID: | DUP_02052025 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



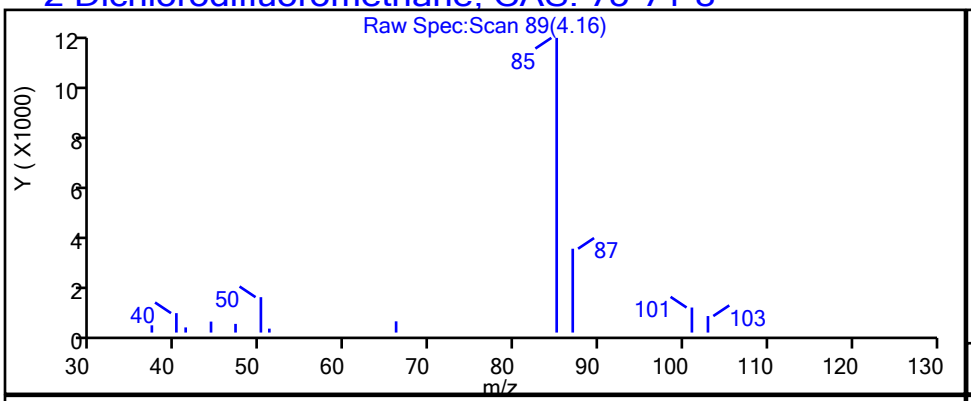
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

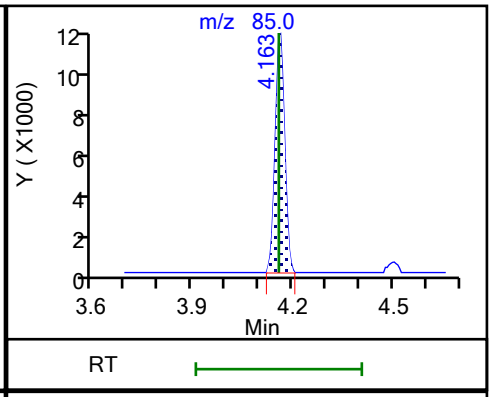
Eurofins Burlington

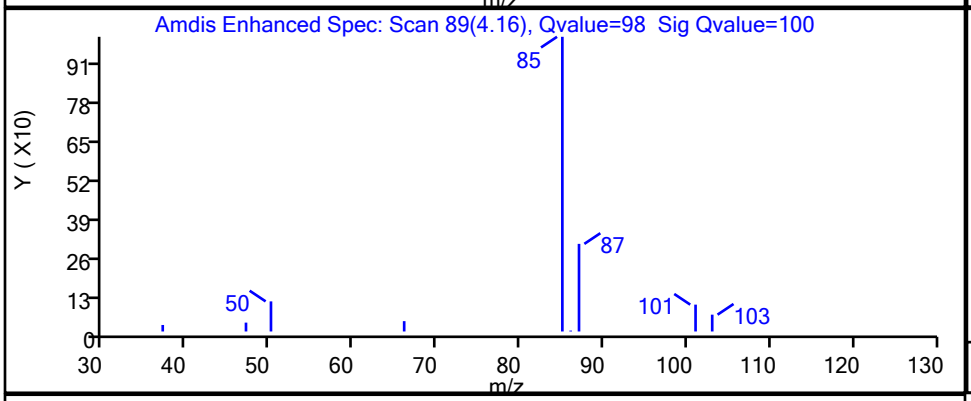
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

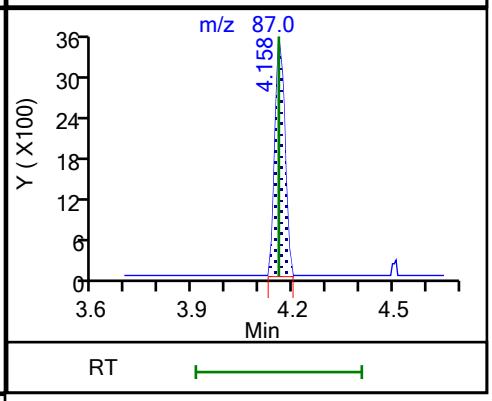
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

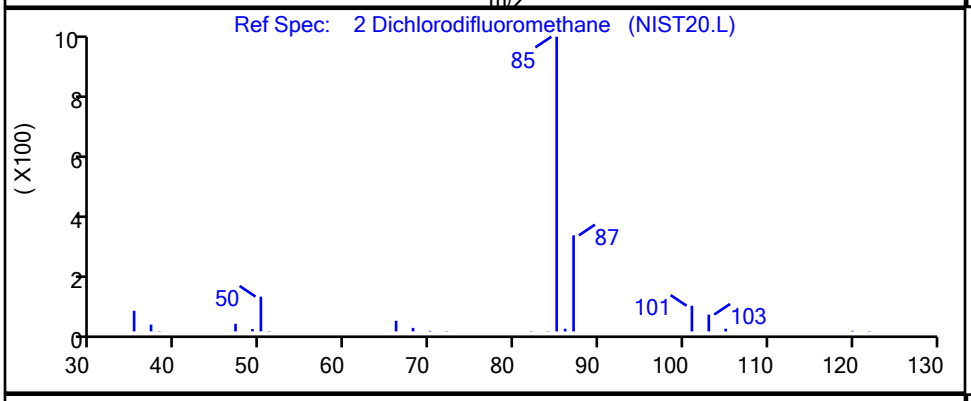
## 2 Dichlorodifluoromethane, CAS: 75-71-8

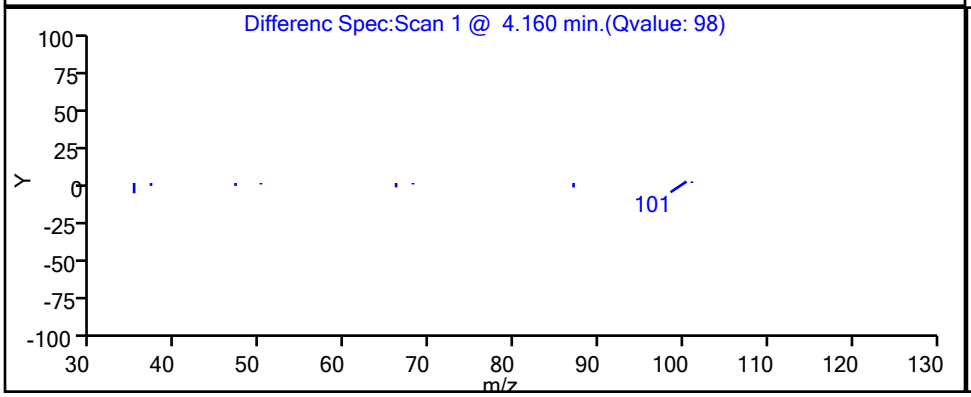


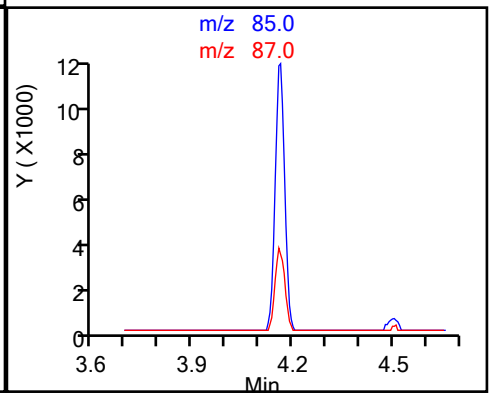



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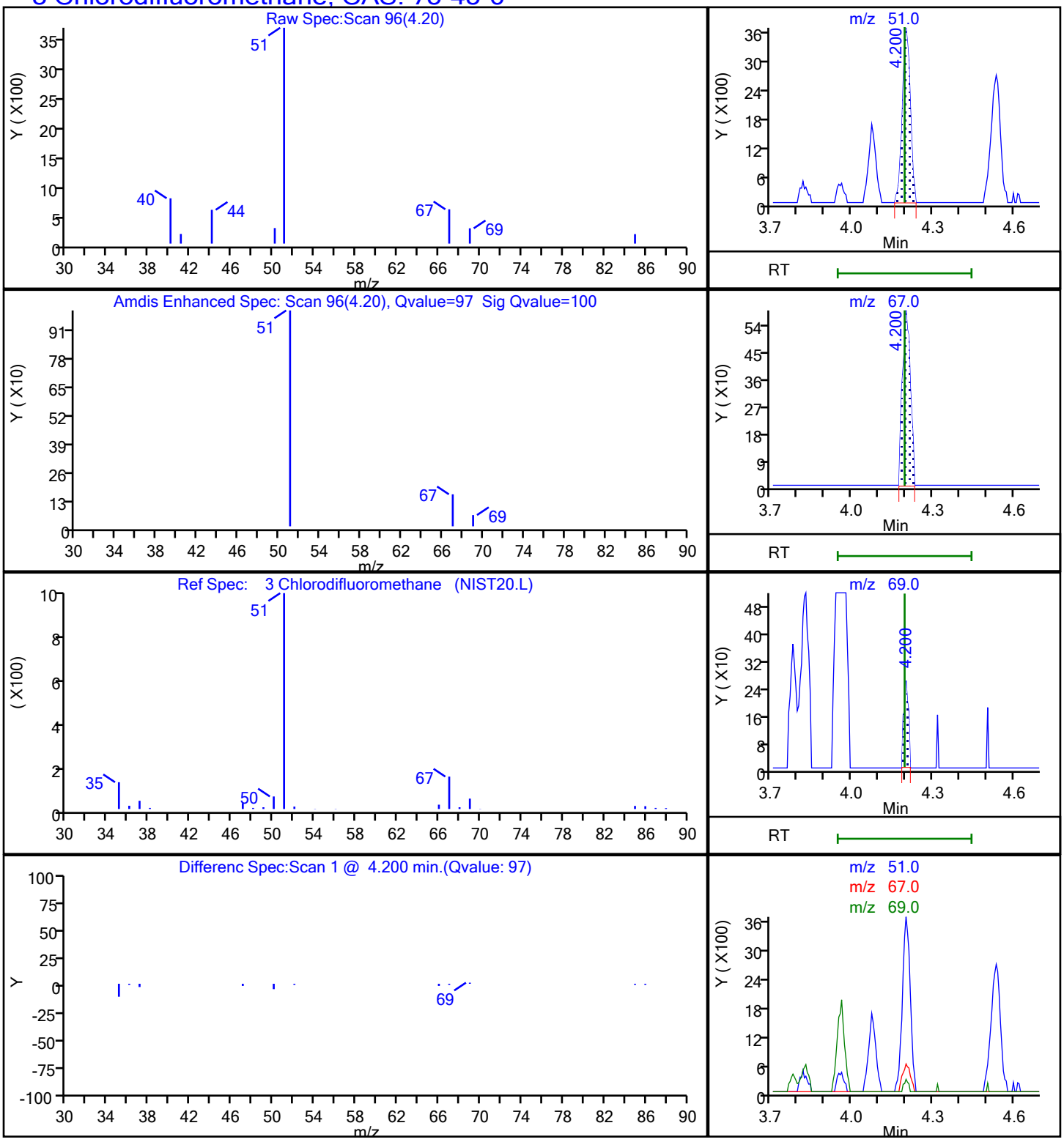
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6



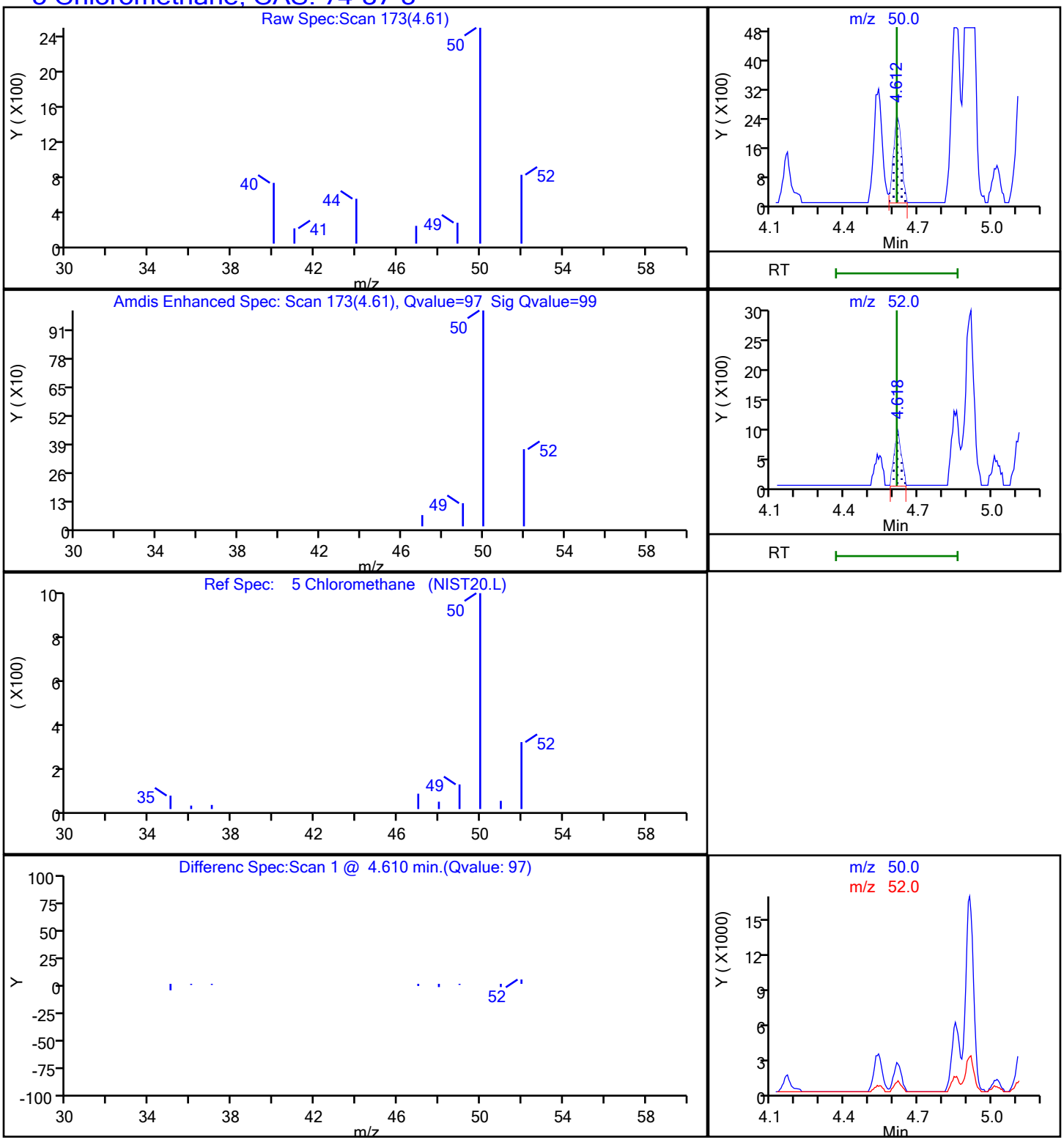
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 5 Chloromethane, CAS: 74-87-3

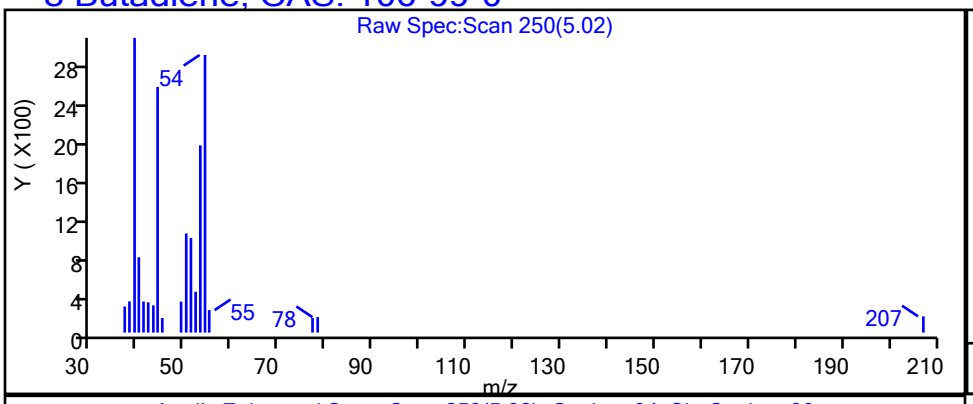


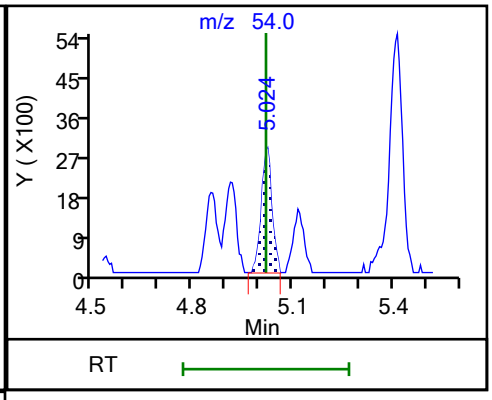
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

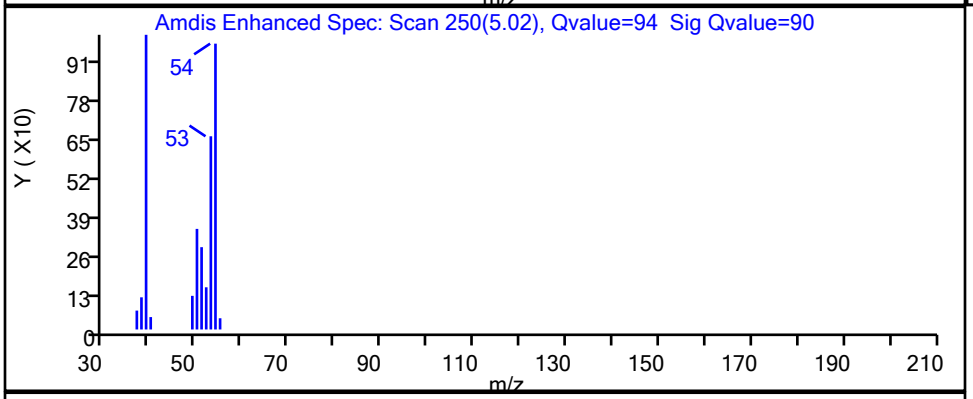
Eurofins Burlington

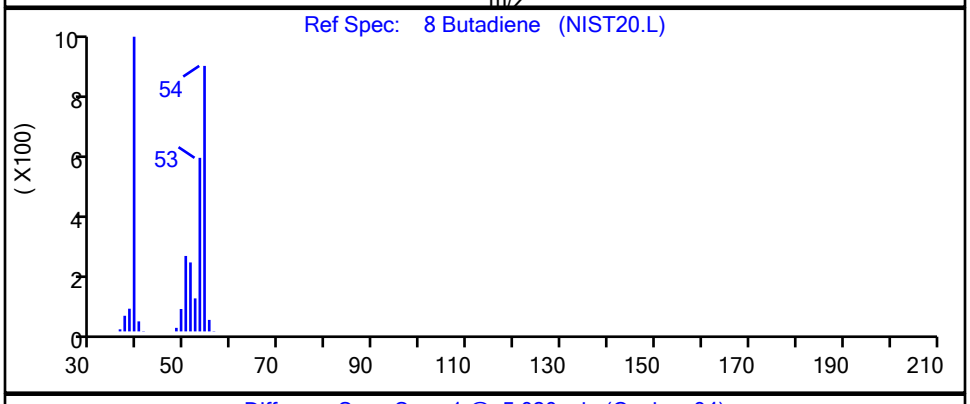
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

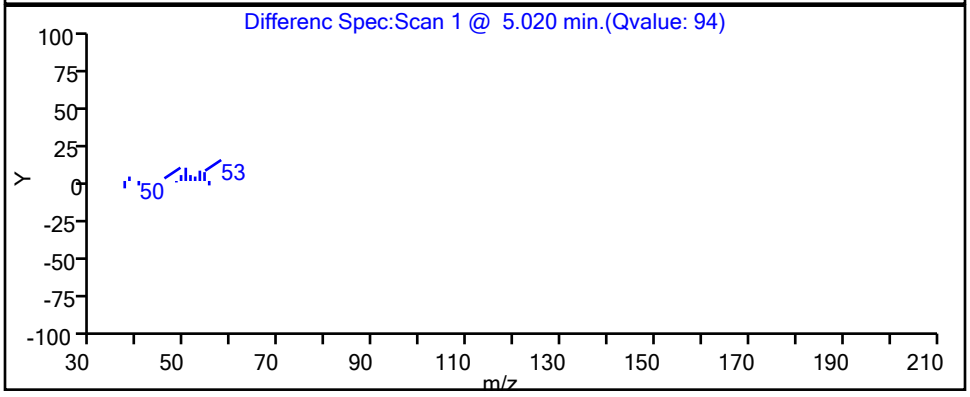
## 8 Butadiene, CAS: 106-99-0



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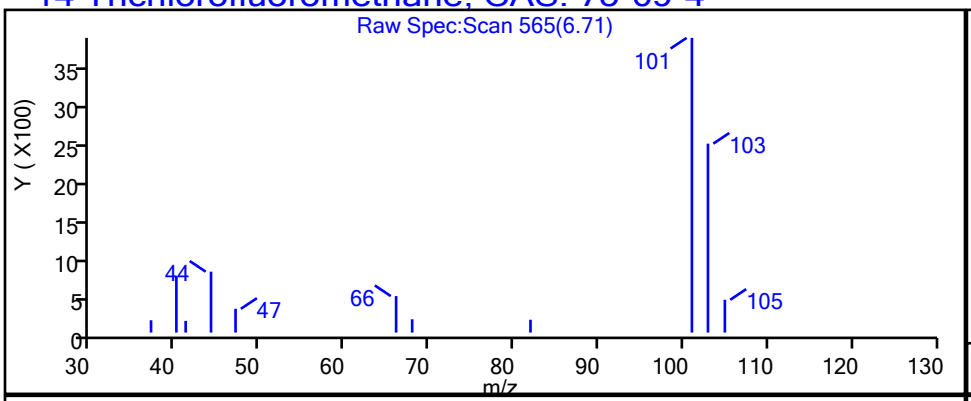
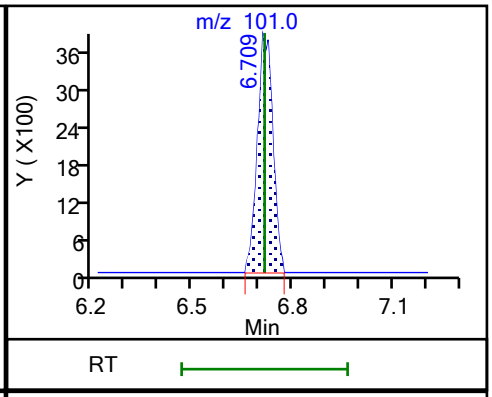
Eurofins Burlington

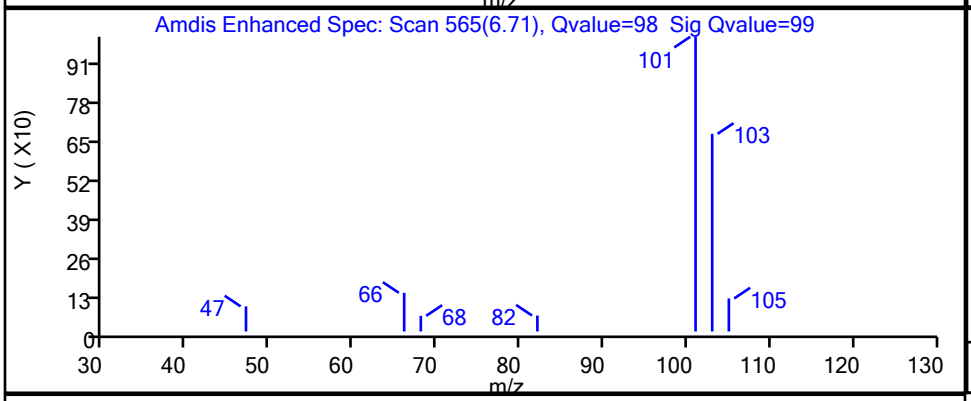
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

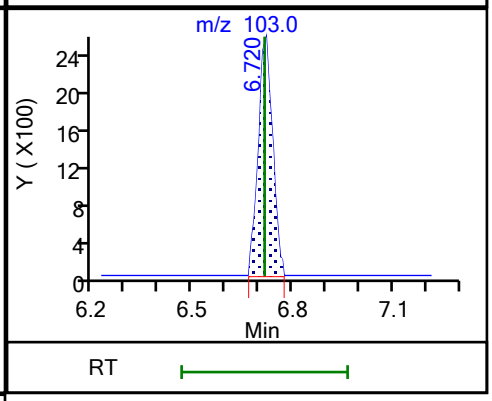
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

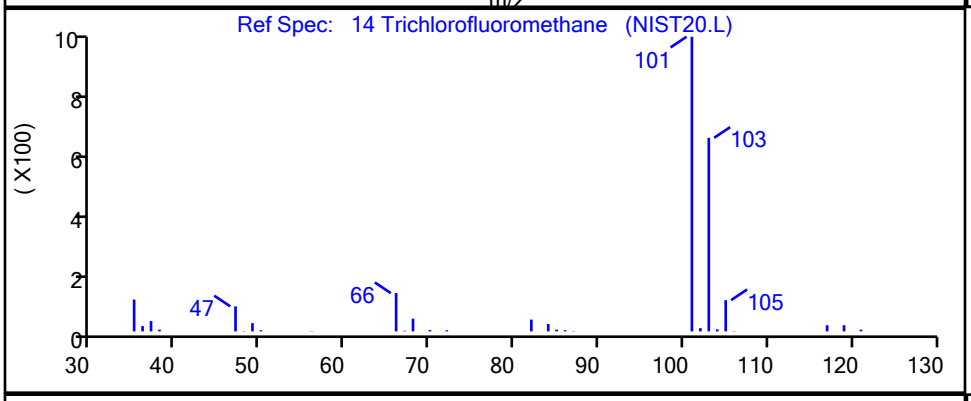
## 14 Trichlorofluoromethane, CAS: 75-69-4

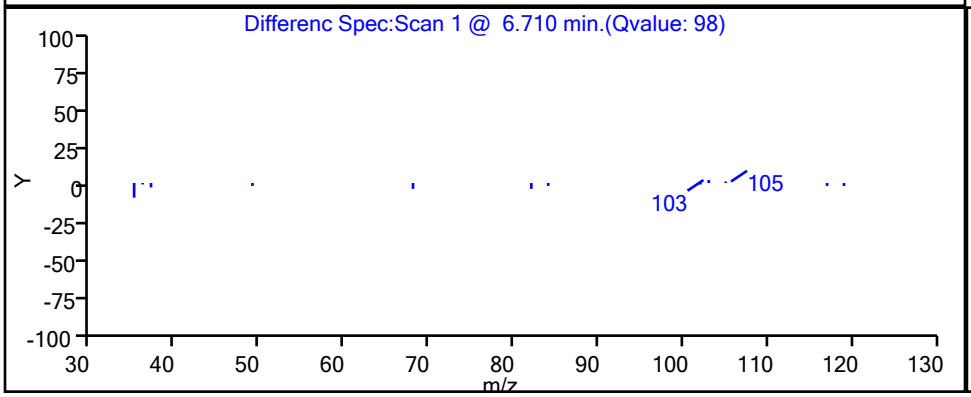


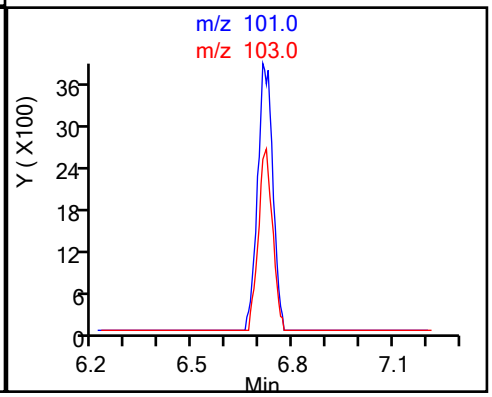



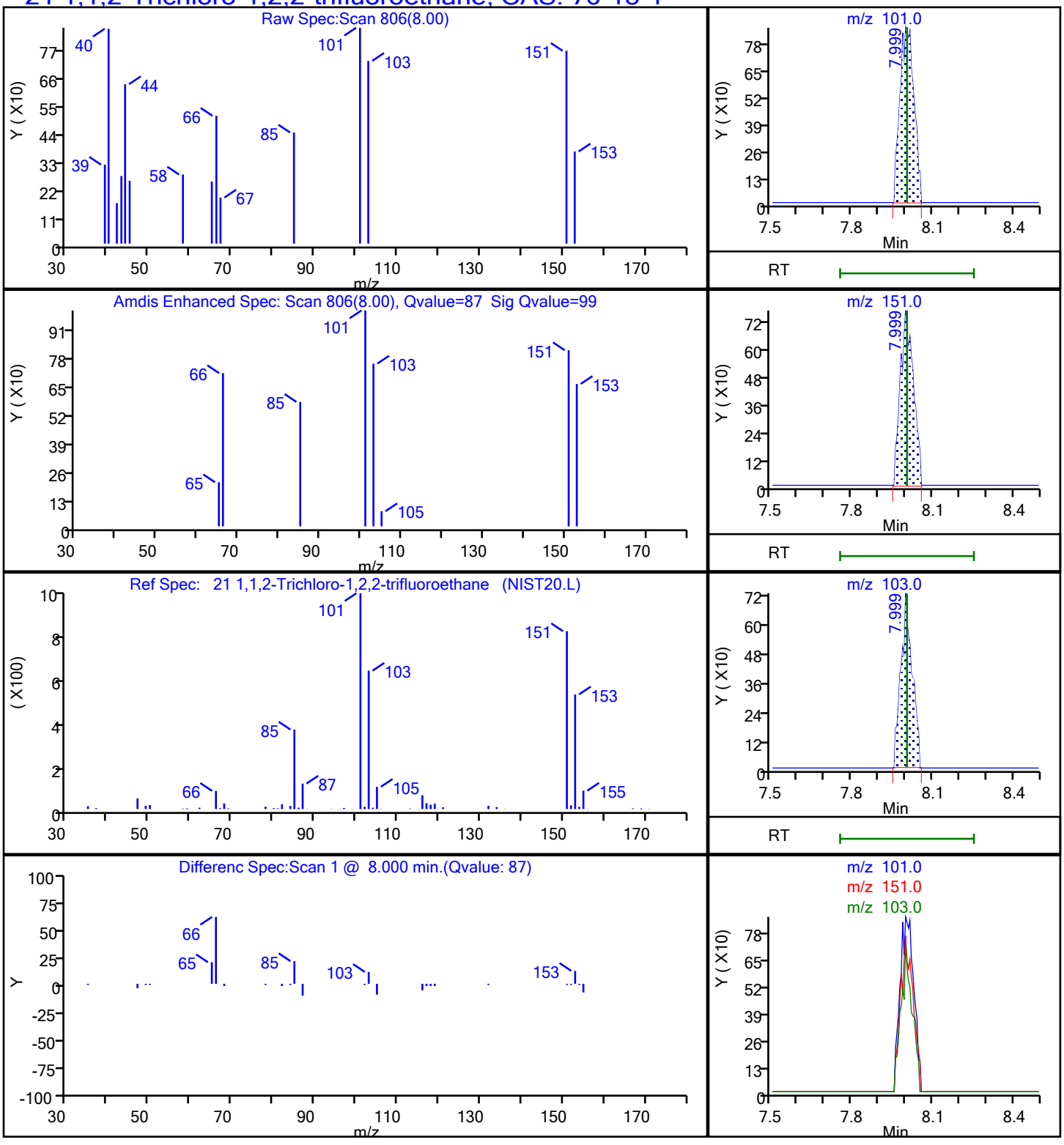
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1



Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
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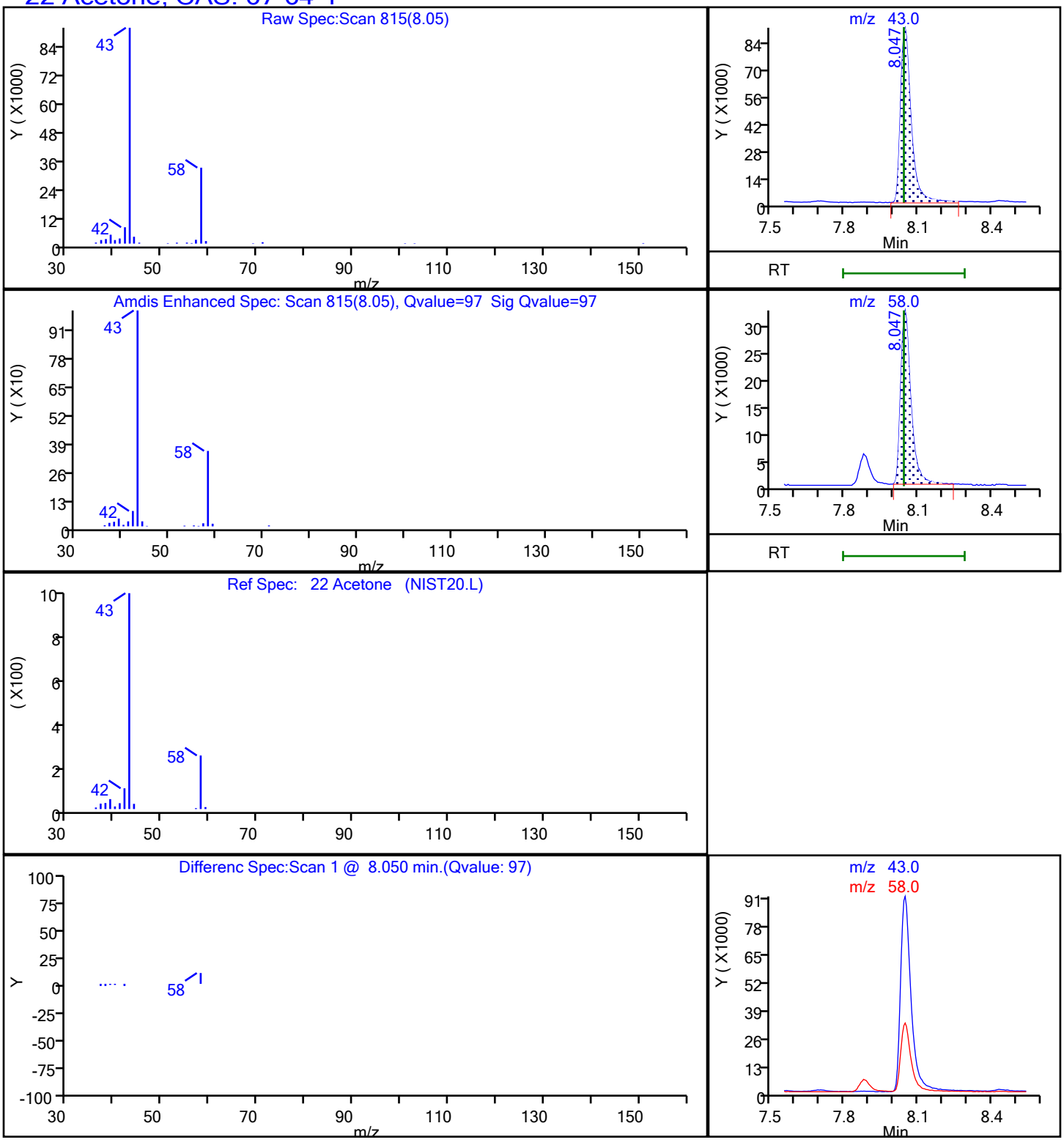
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 22 Acetone, CAS: 67-64-1



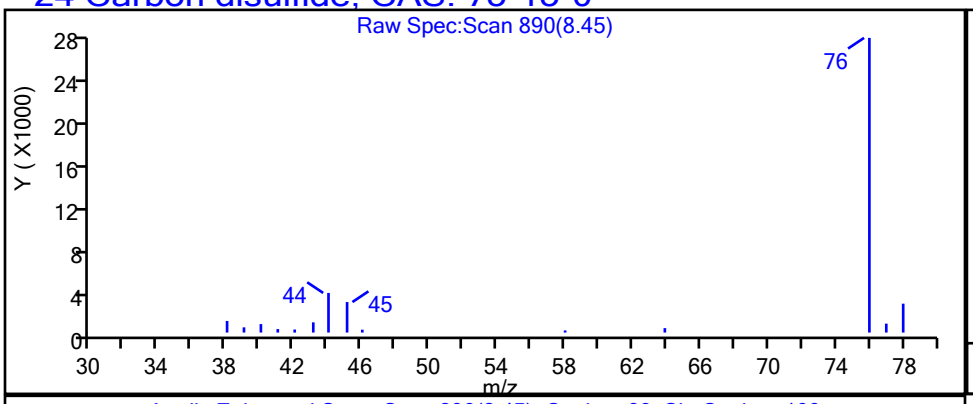
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

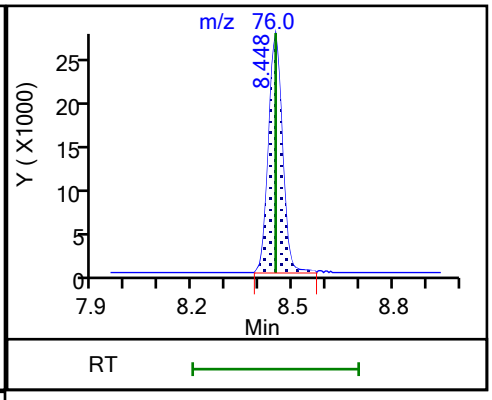
Eurofins Burlington

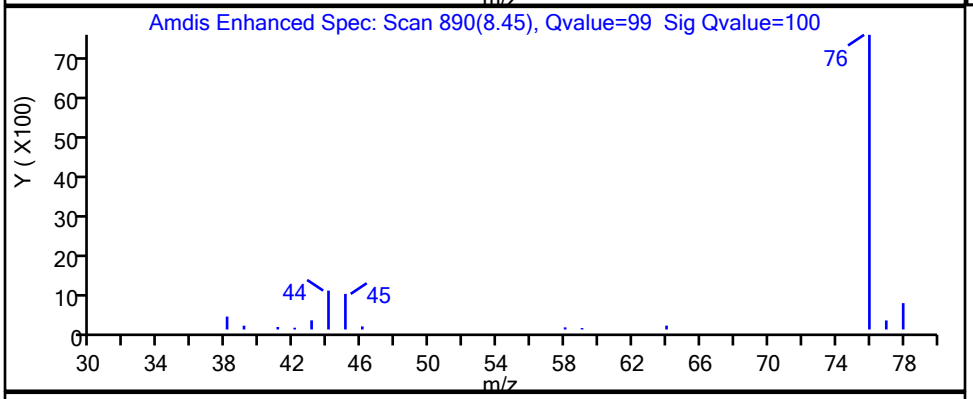
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

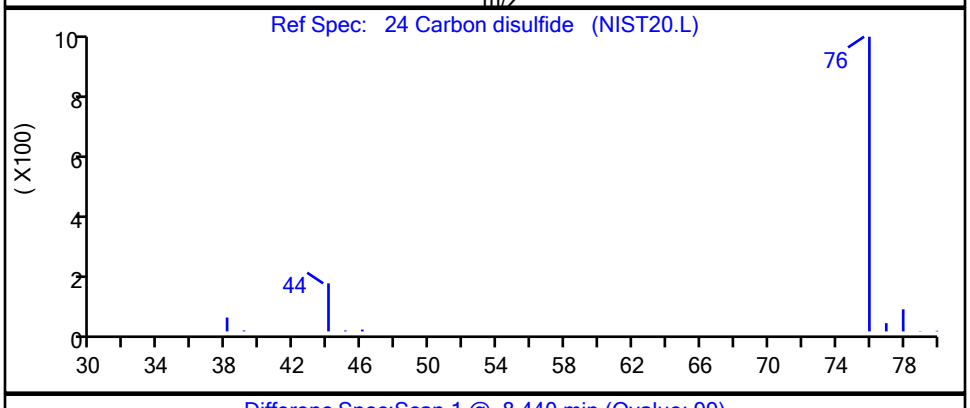
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

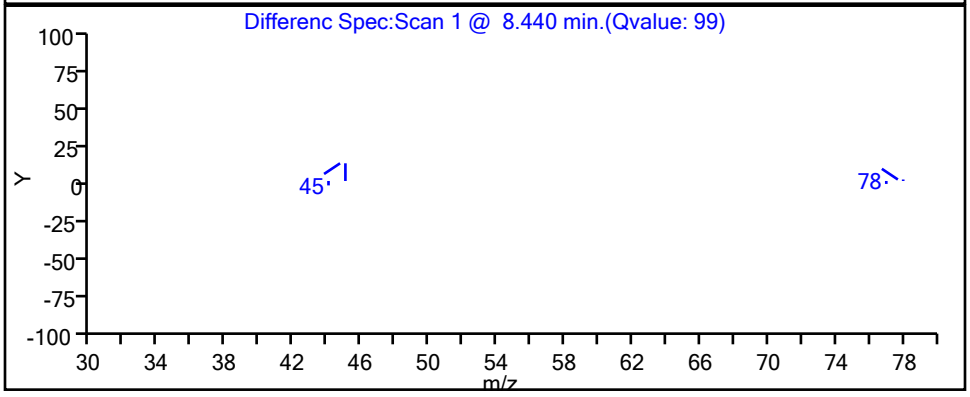
## 24 Carbon disulfide, CAS: 75-15-0



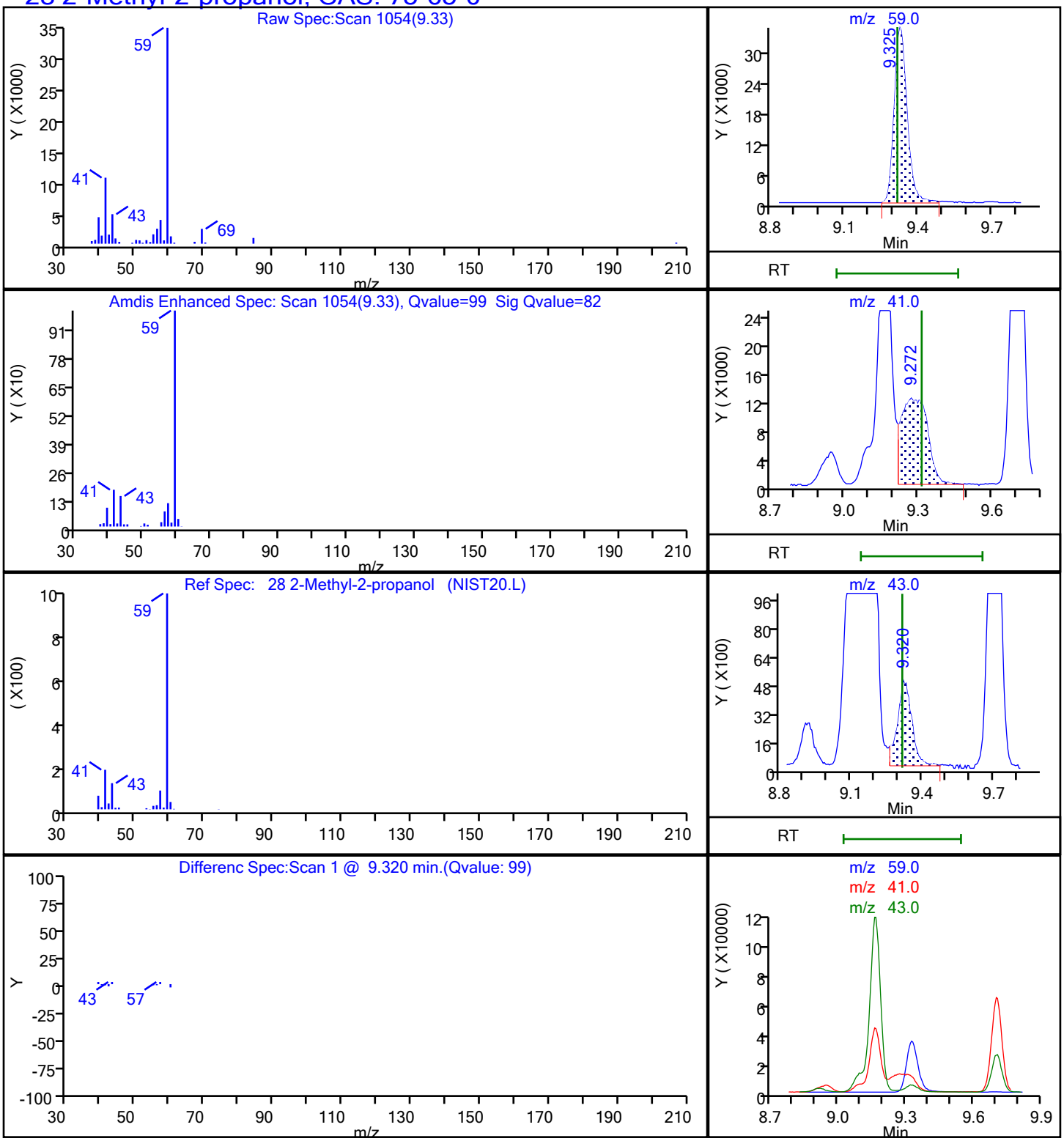
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 28 2-Methyl-2-propanol, CAS: 75-65-0



Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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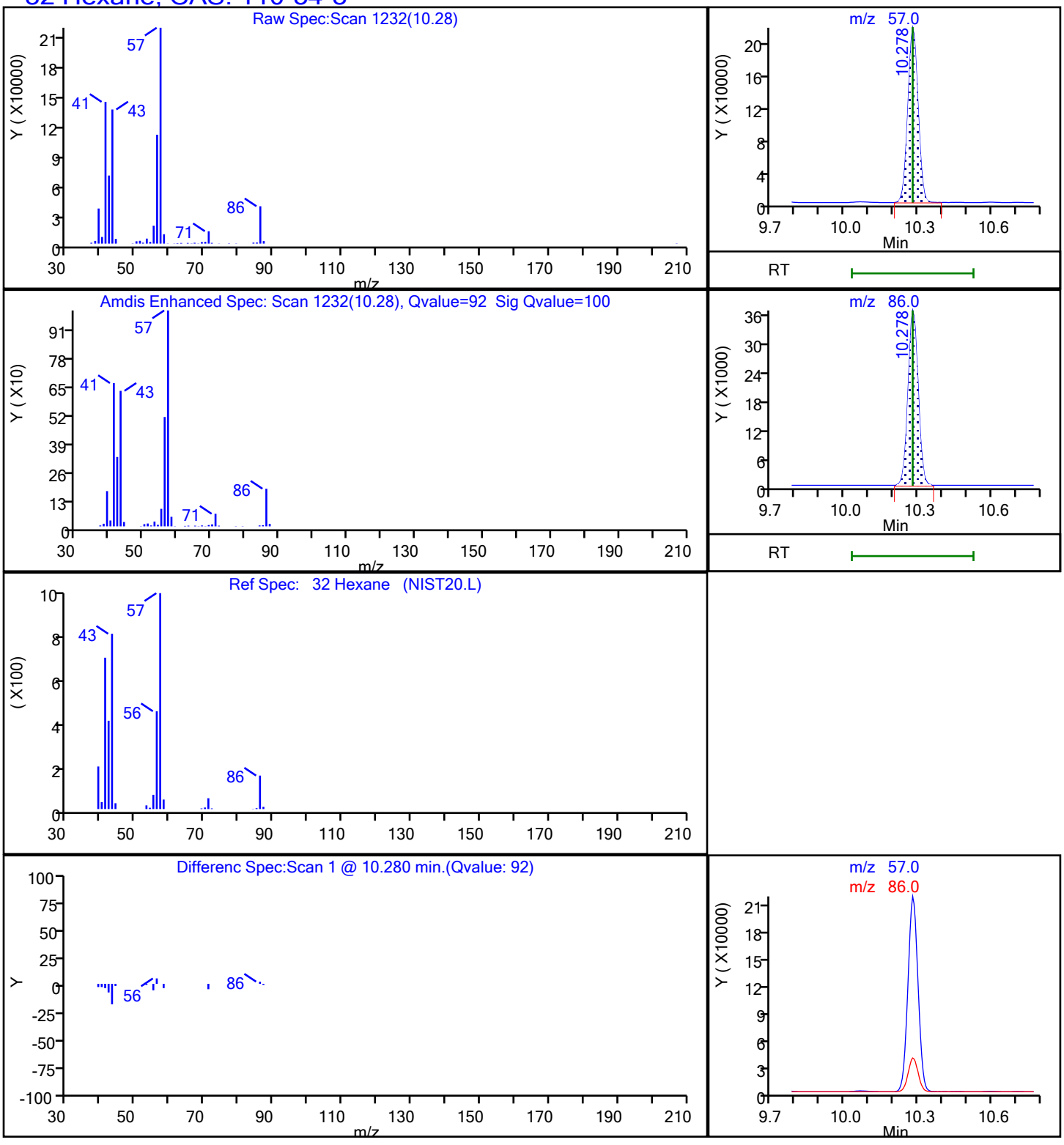
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 32 Hexane, CAS: 110-54-3



Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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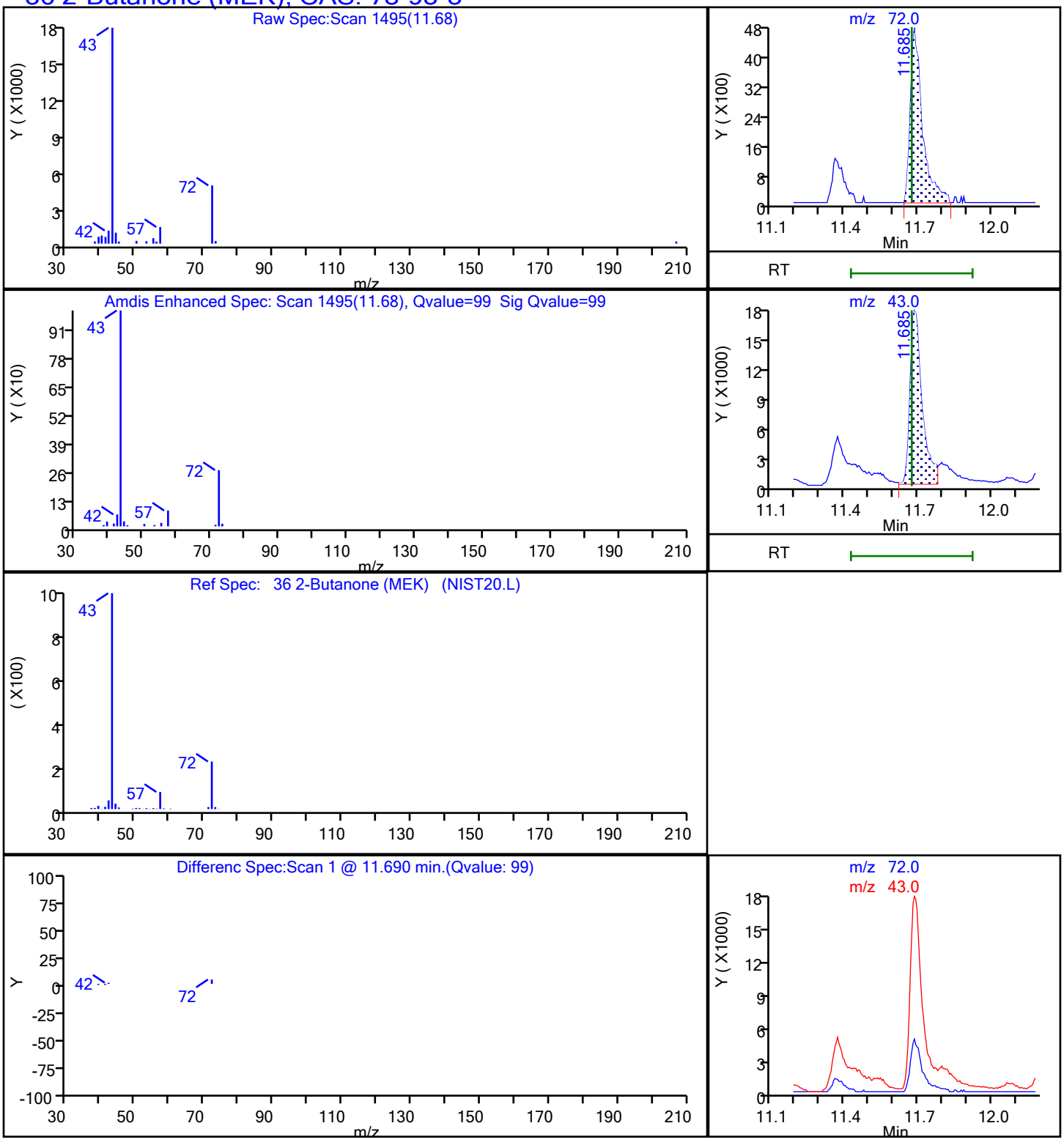
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 36 2-Butanone (MEK), CAS: 78-93-3



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Eurofins Burlington

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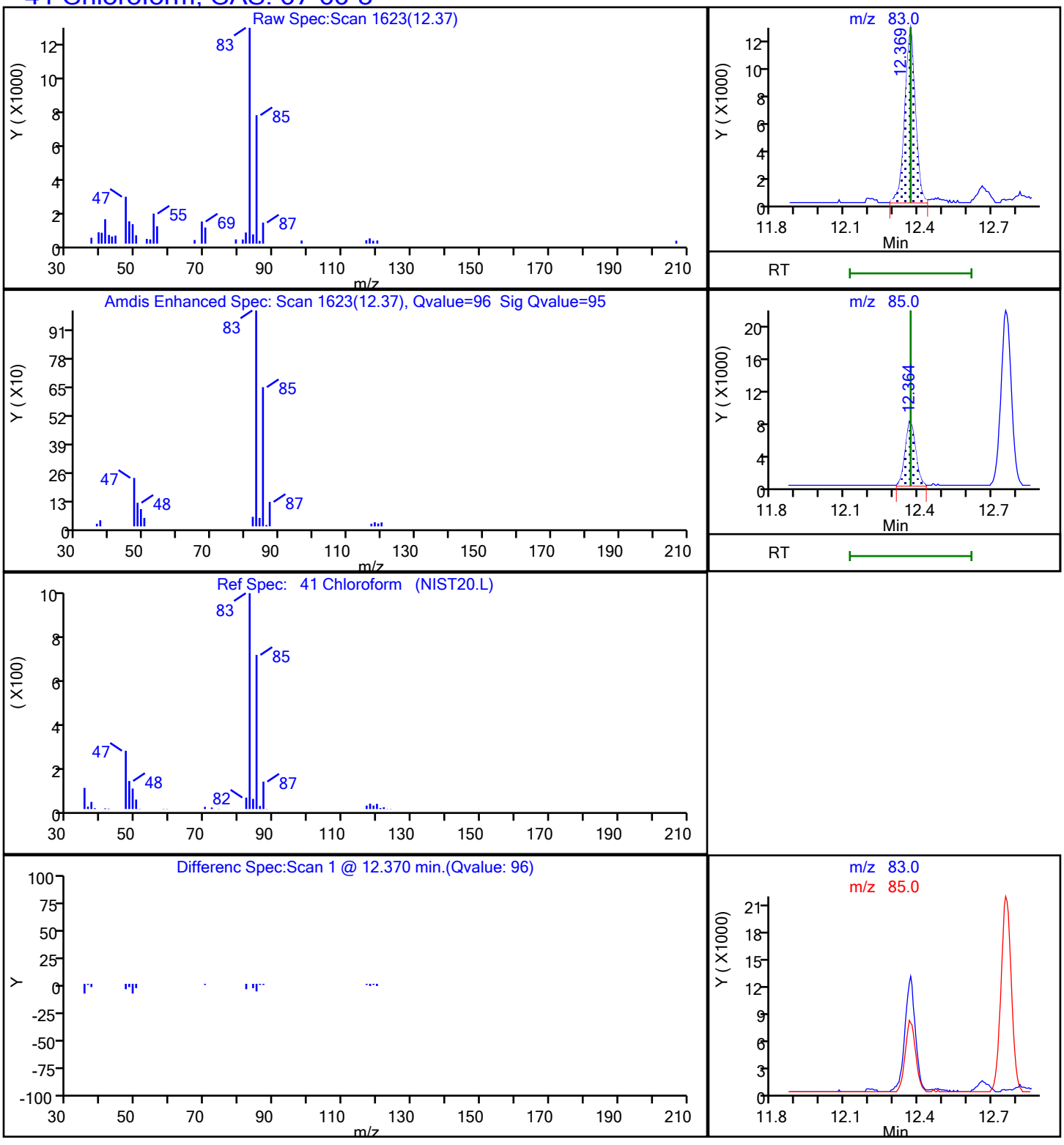
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 41 Chloroform, CAS: 67-66-3



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Eurofins Burlington

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| | | | | | |
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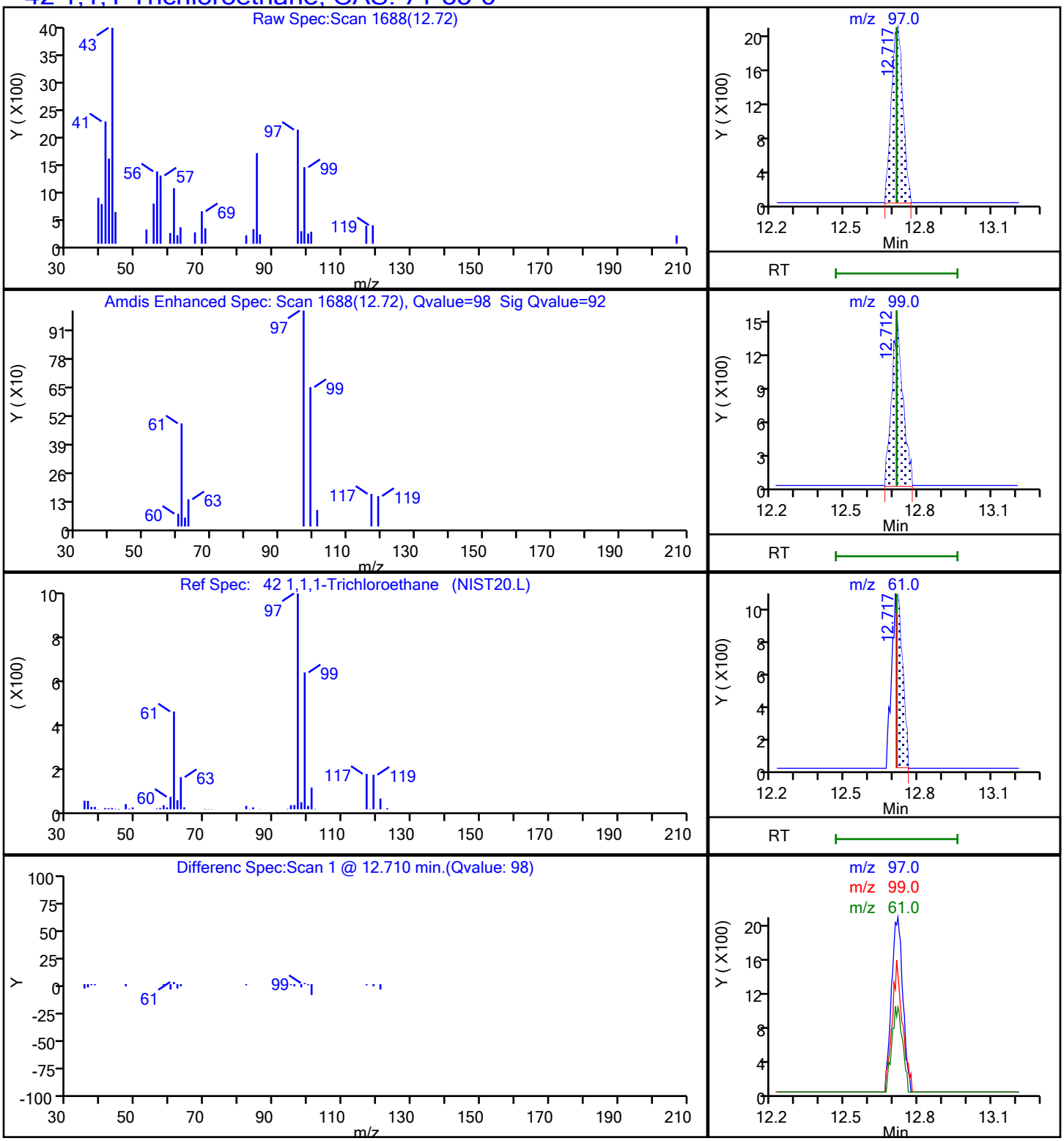
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 42 1,1,1-Trichloroethane, CAS: 71-55-6



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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

Injection Date: 10-Feb-2025 17:53:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-2 Lab Sample ID: 200-76885-2

Client ID: DUP_02052025

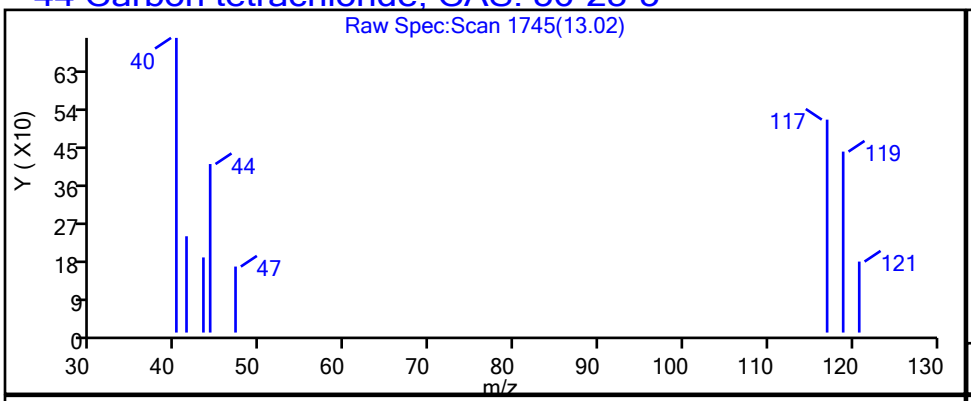
Operator ID: vtp ALS Bottle#: 12 Worklist Smp#: 13

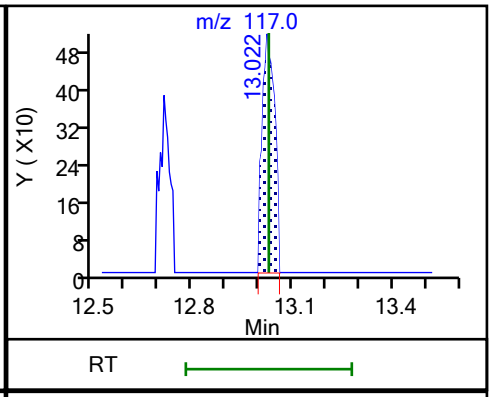
Purge Vol: 200.000 mL Dil. Factor: 1.0000

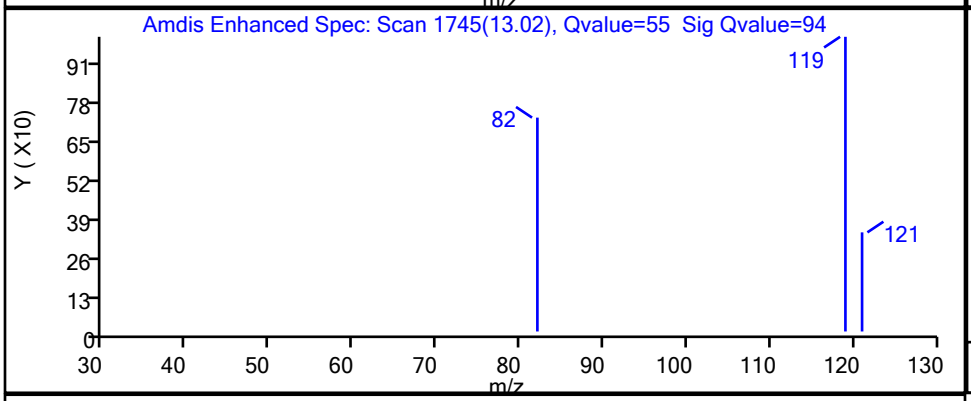
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

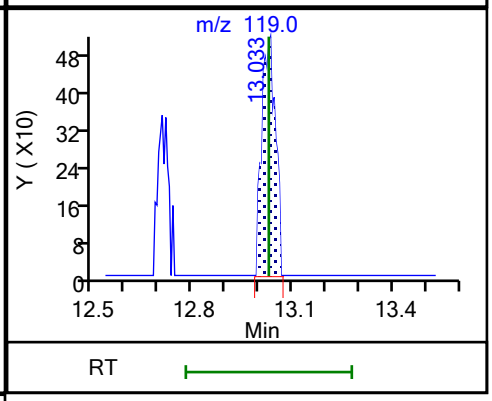
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

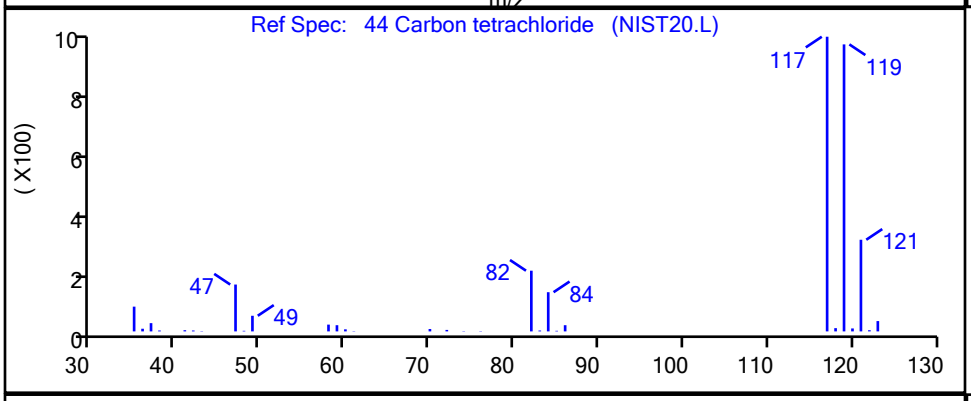
## 44 Carbon tetrachloride, CAS: 56-23-5

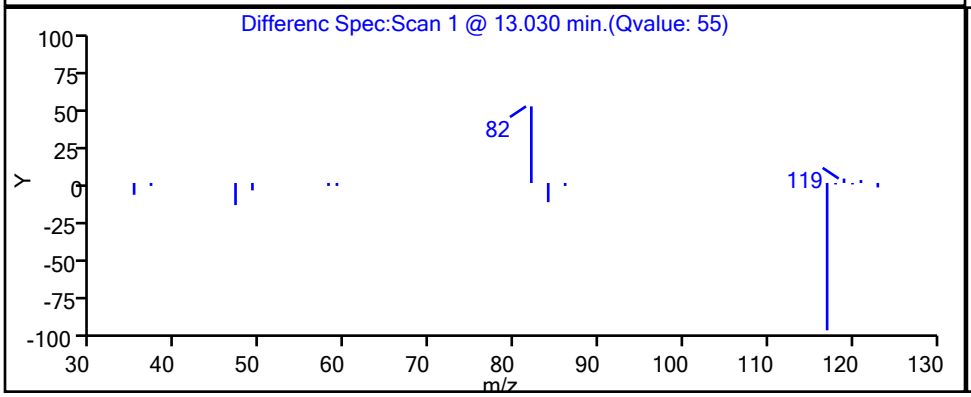


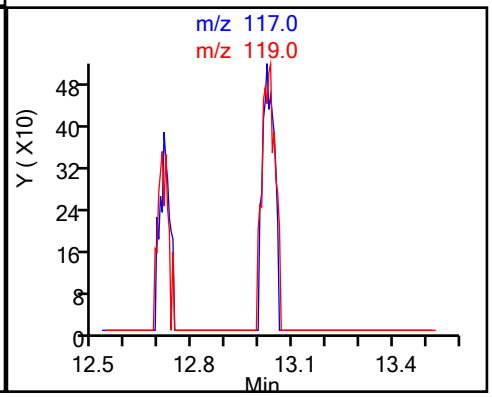



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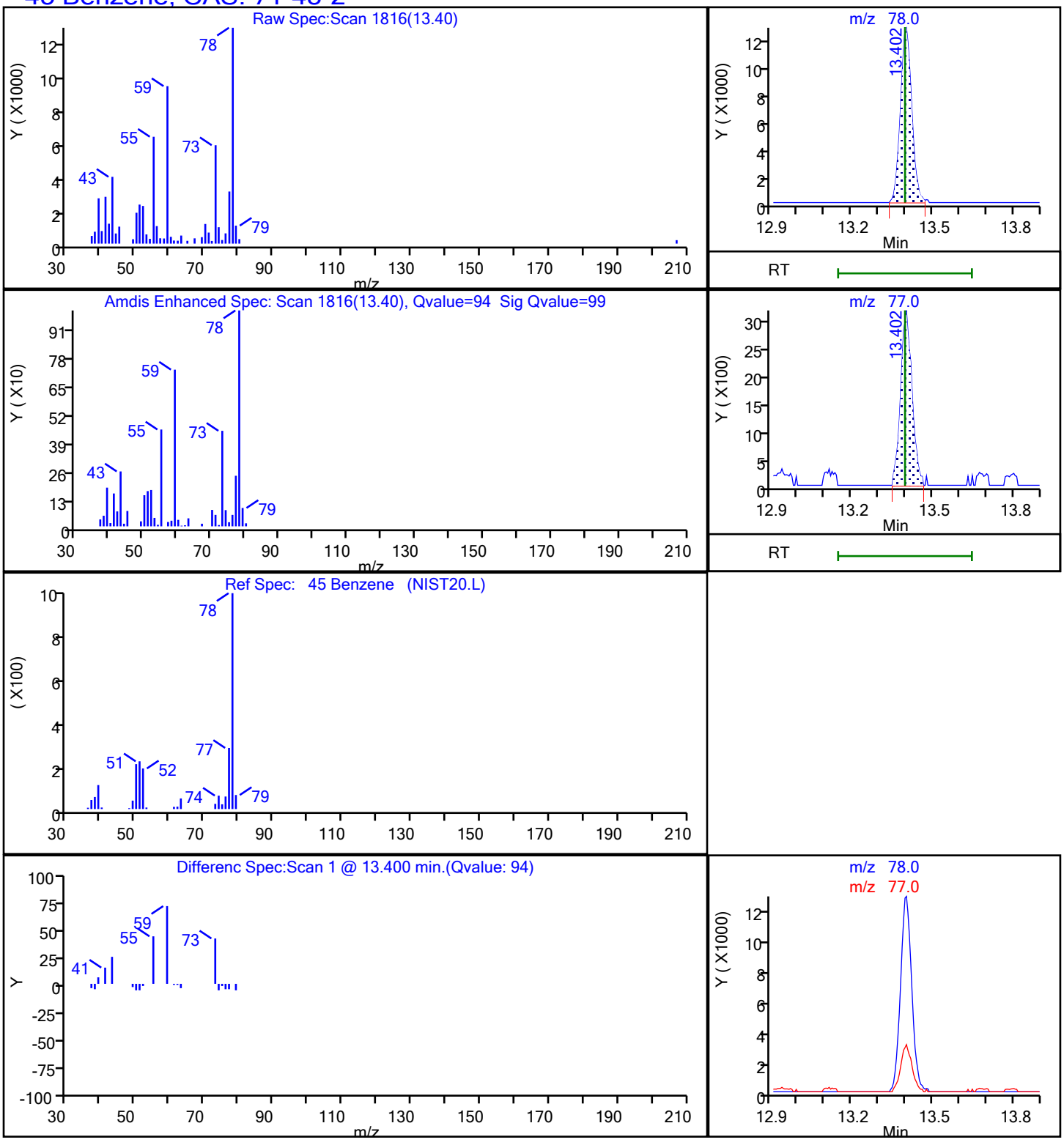
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 45 Benzene, CAS: 71-43-2



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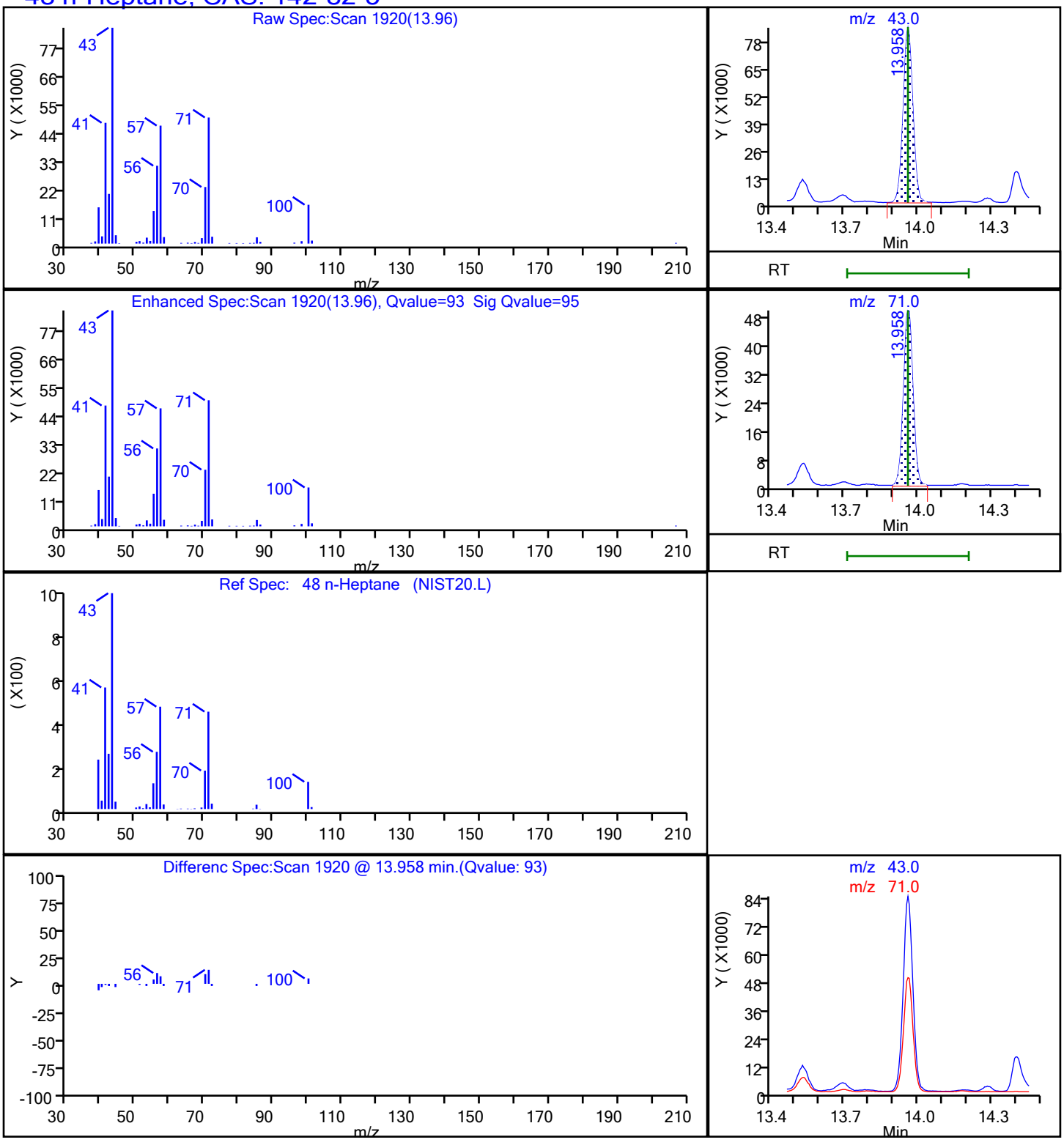
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 48 n-Heptane, CAS: 142-82-5



Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

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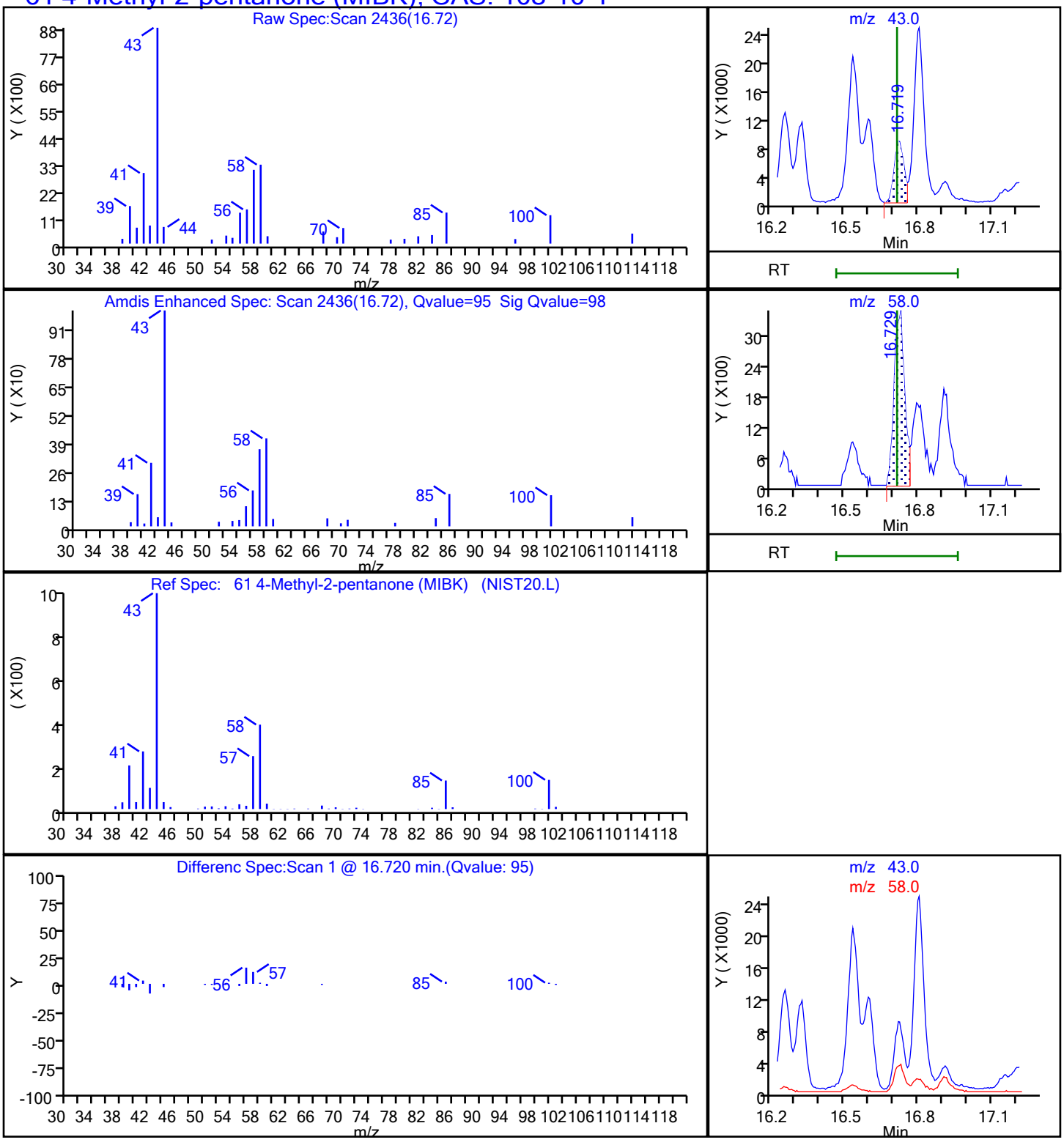
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



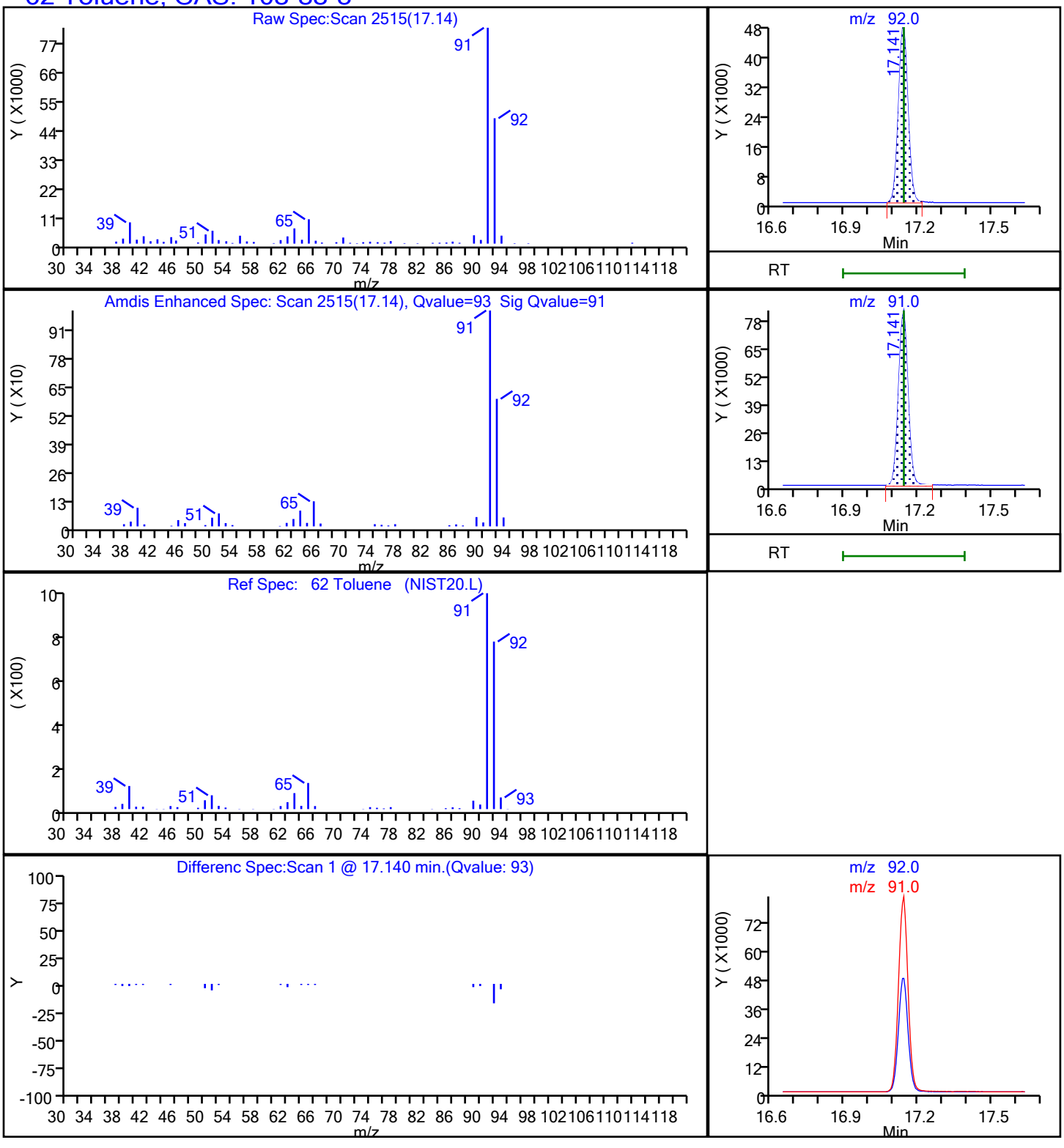
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

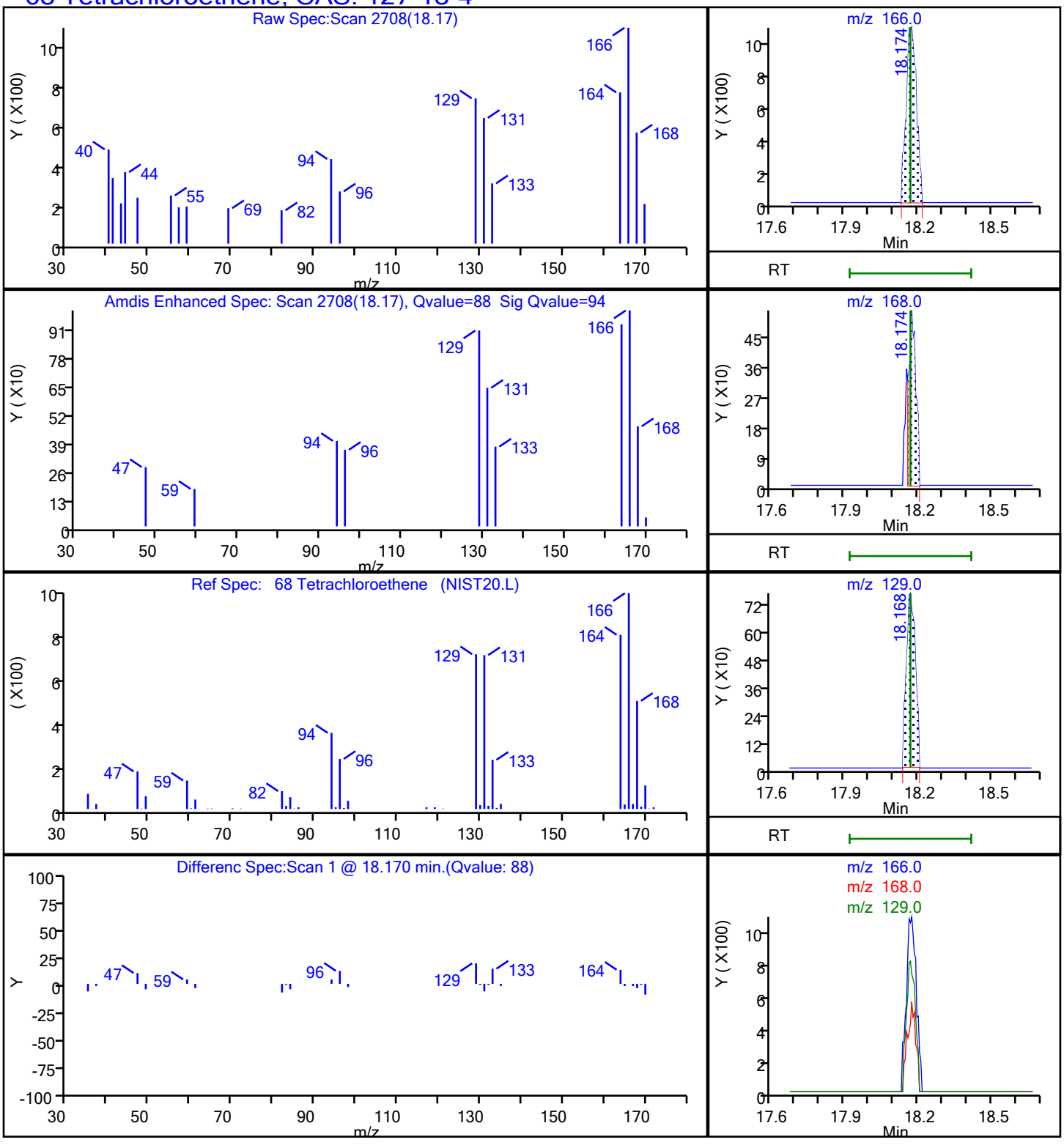
## 62 Toluene, CAS: 108-88-3



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d
Injection Date: 10-Feb-2025 17:53:30 Instrument ID: CHW.i
Lims ID: 200-76885-A-2 Lab Sample ID: 200-76885-2
Client ID: DUP_02052025
Operator ID: vtp ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 68 Tetrachloroethene, CAS: 127-18-4



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Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
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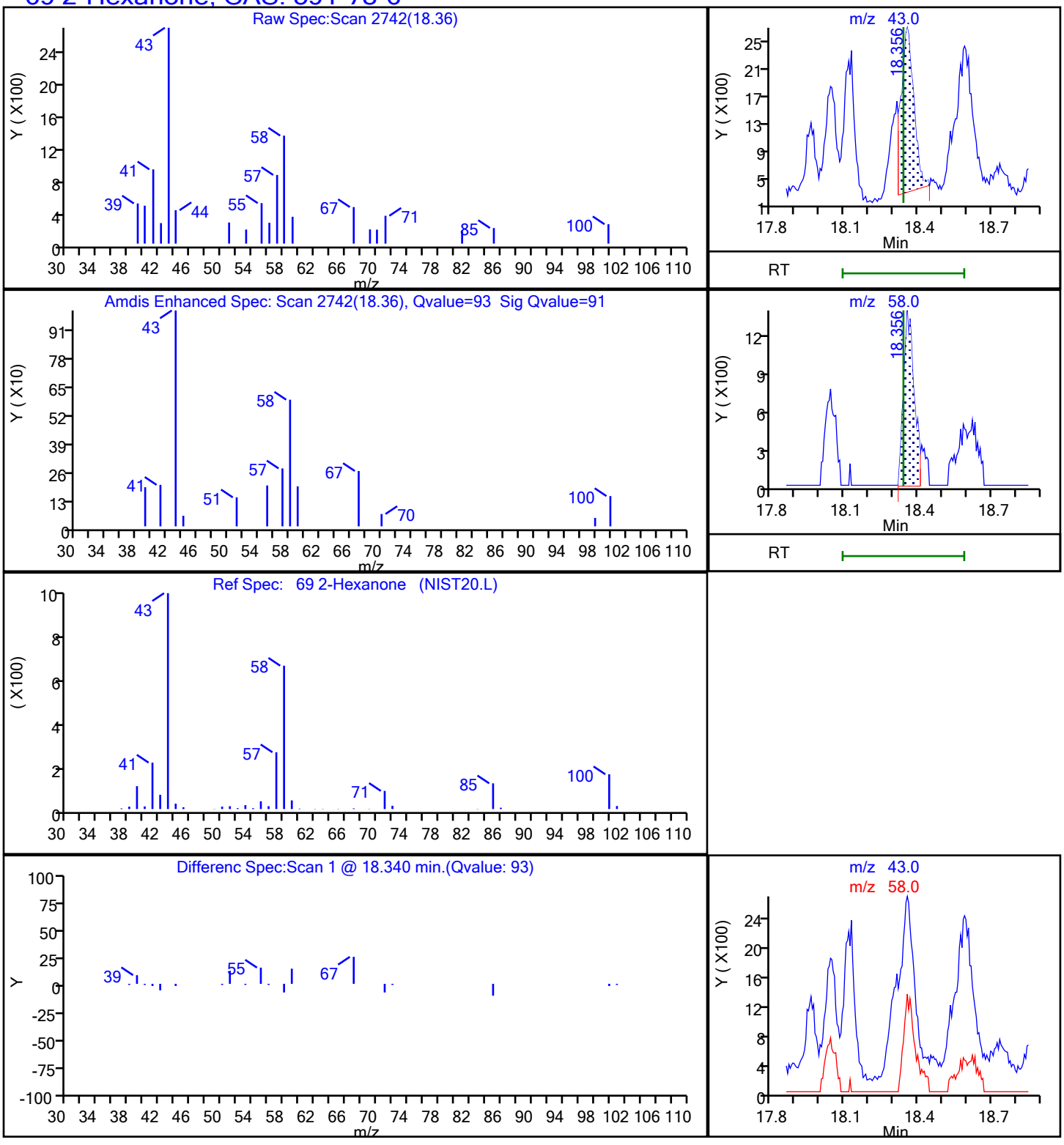
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6



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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
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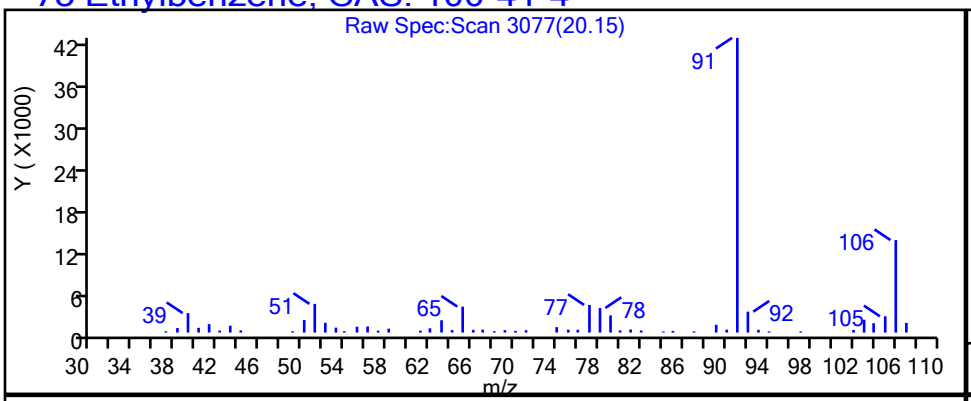
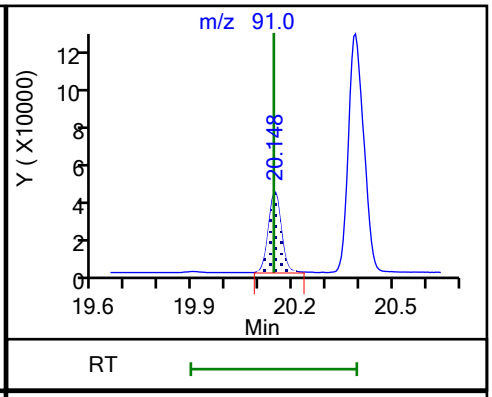
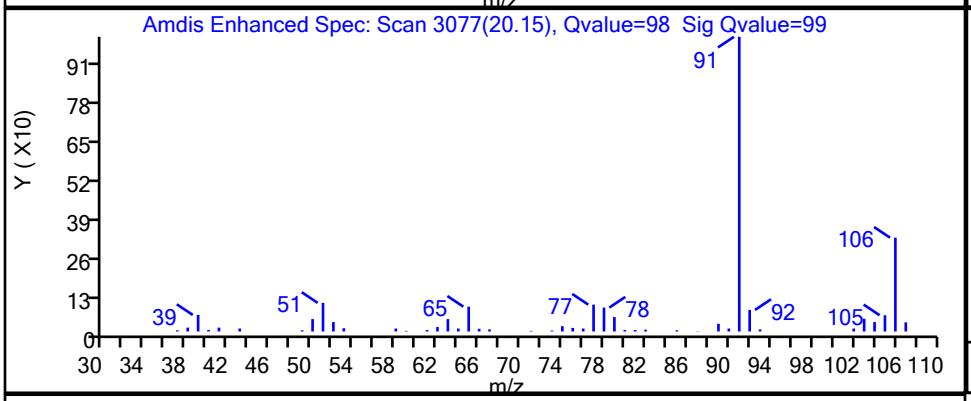
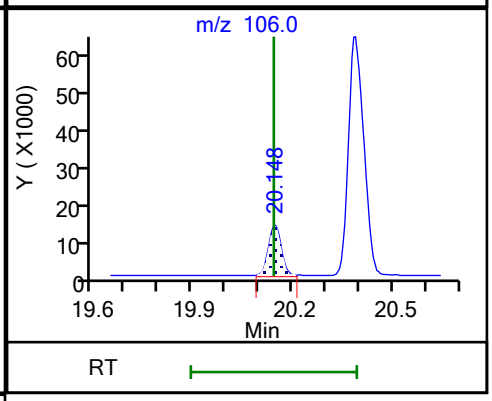
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

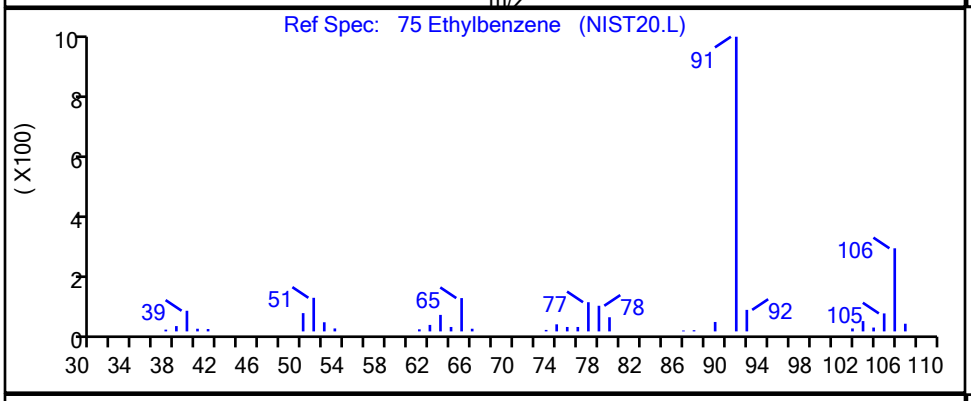
## 75 Ethylbenzene, CAS: 100-41-4

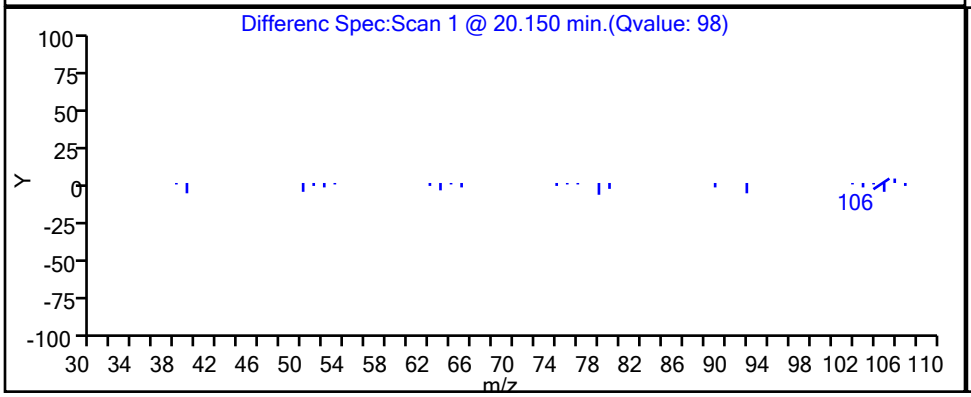


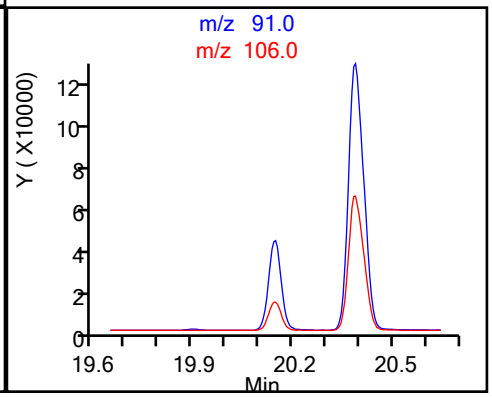



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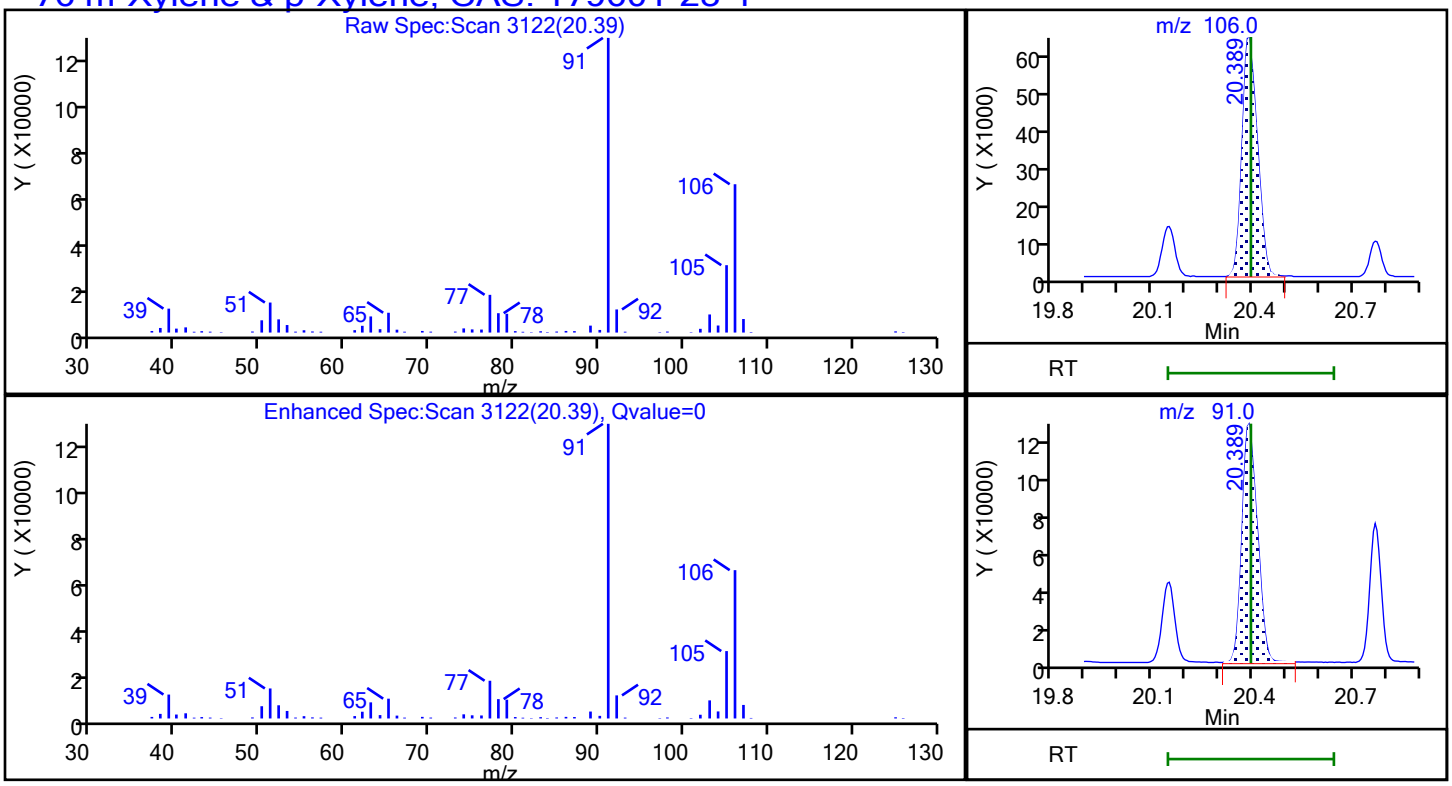
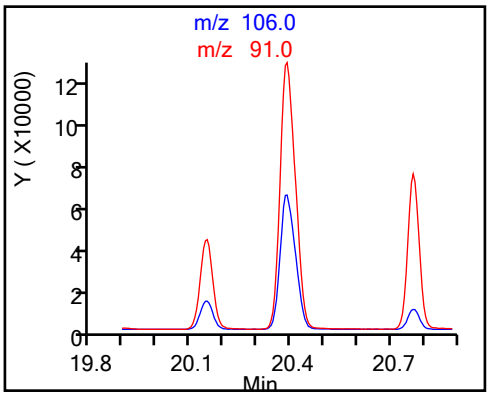
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 76 m-Xylene & p-Xylene, CAS: 179601-23-1



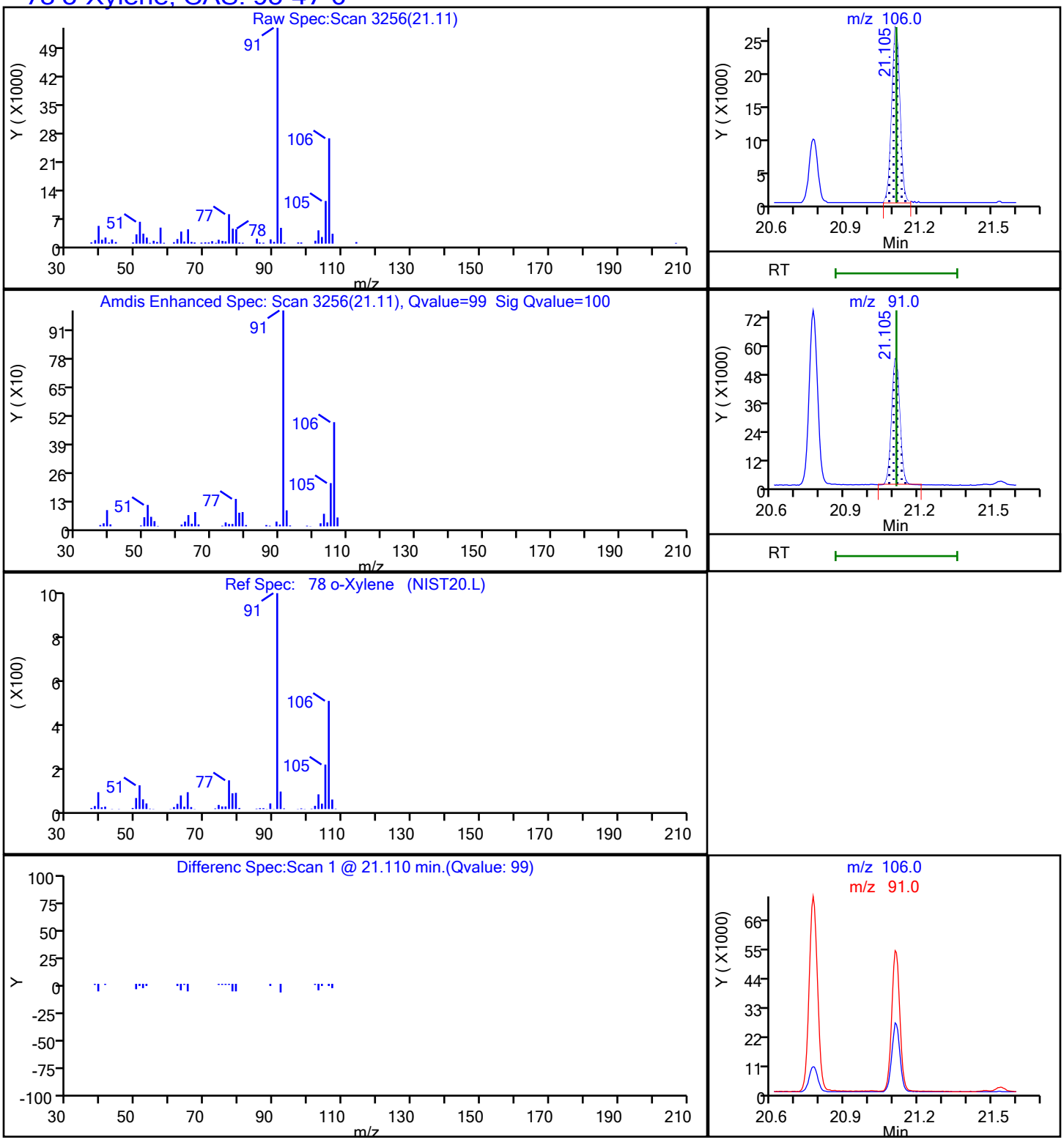
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 78 o-Xylene, CAS: 95-47-6

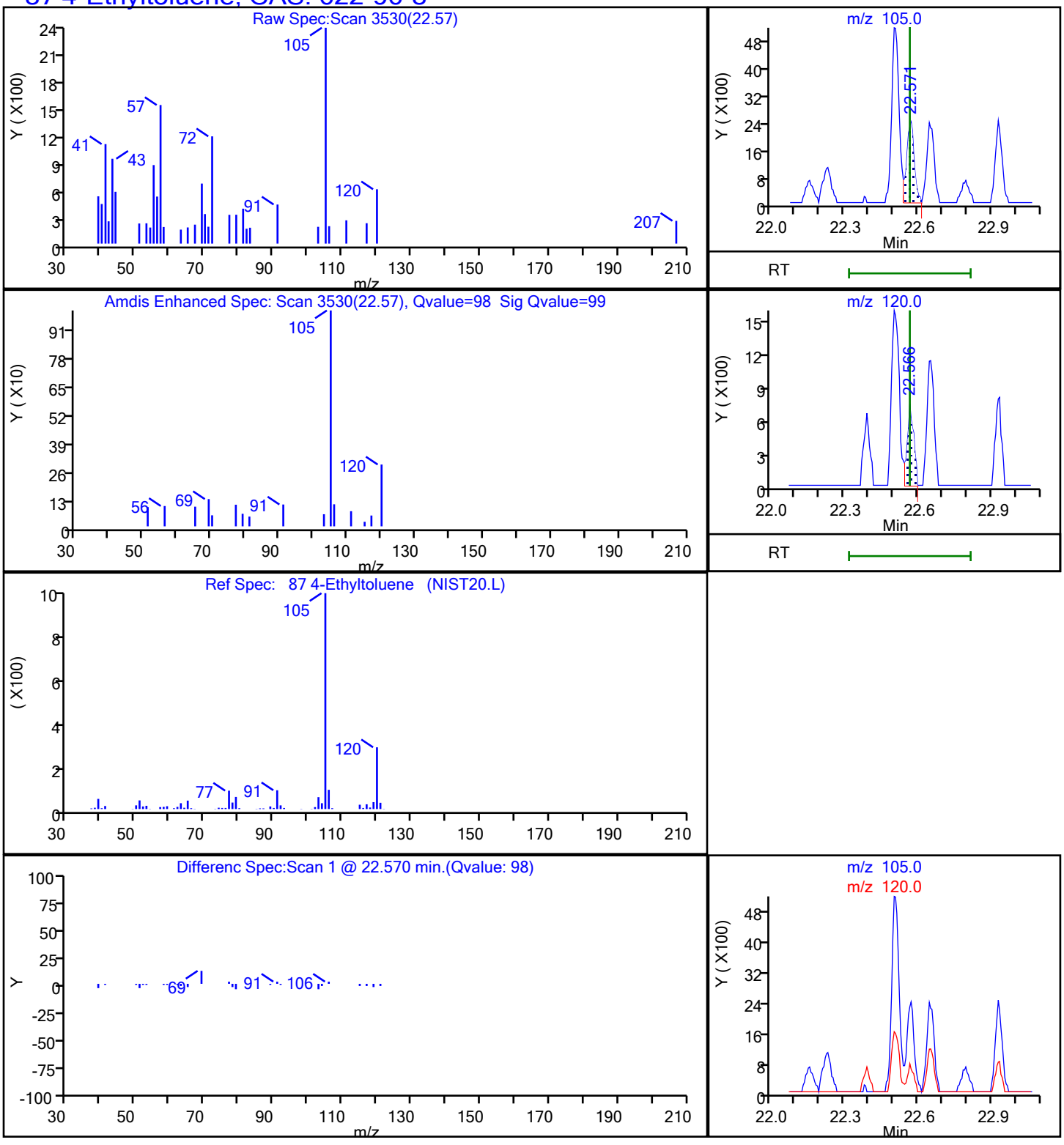


Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 87 4-Ethyltoluene, CAS: 622-96-8

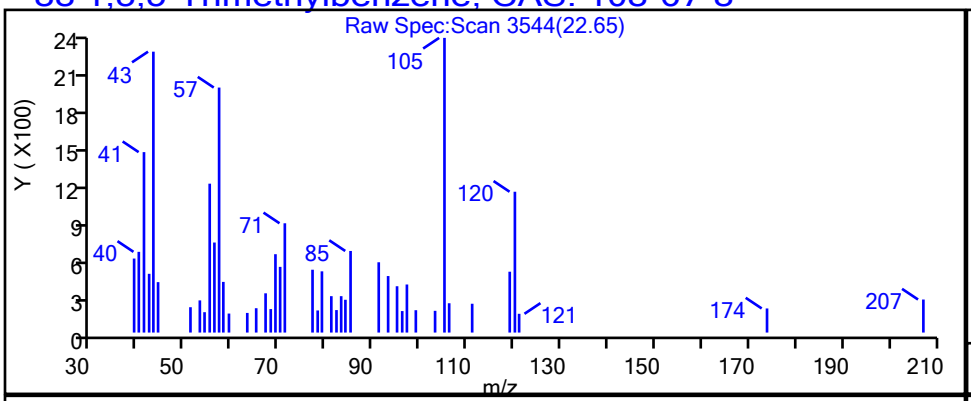


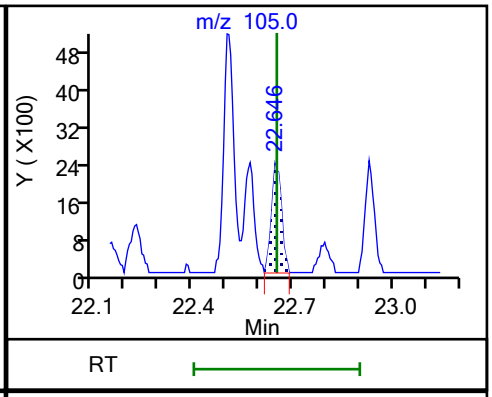
Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

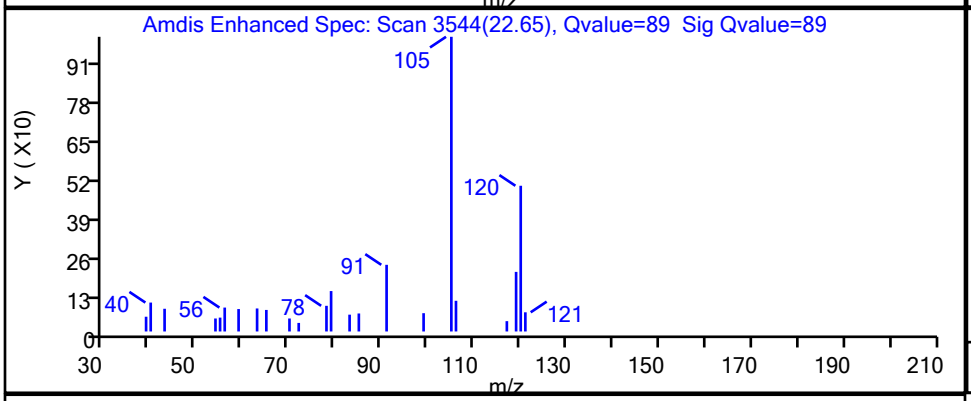
Eurofins Burlington

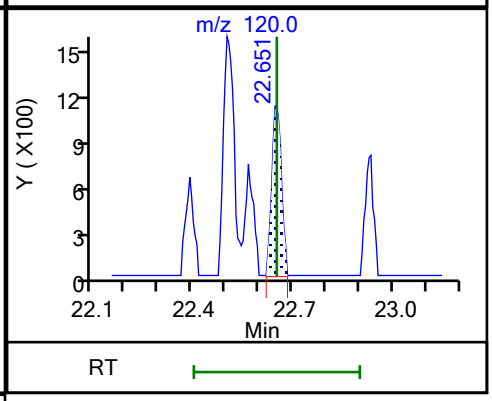
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

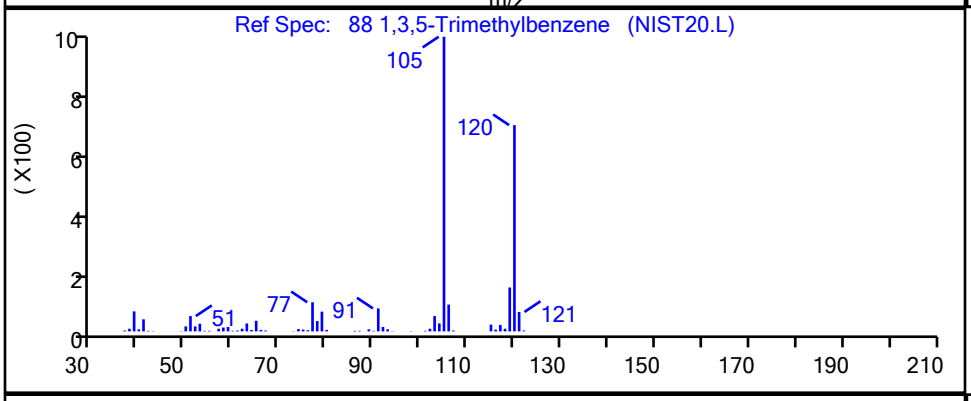
## 88 1,3,5-Trimethylbenzene, CAS: 108-67-8

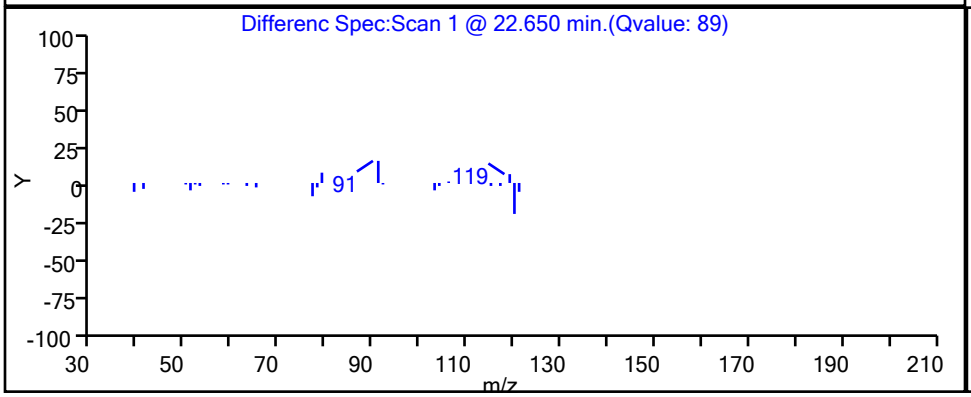


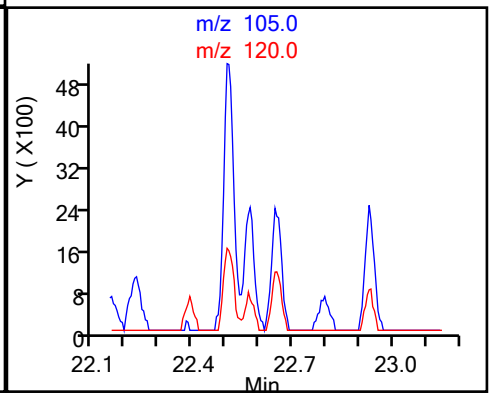



Report Date: 11-Feb-2025 09:21:20 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d

Injection Date: 10-Feb-2025 17:53:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-2 Lab Sample ID: 200-76885-2

Client ID: DUP_02052025

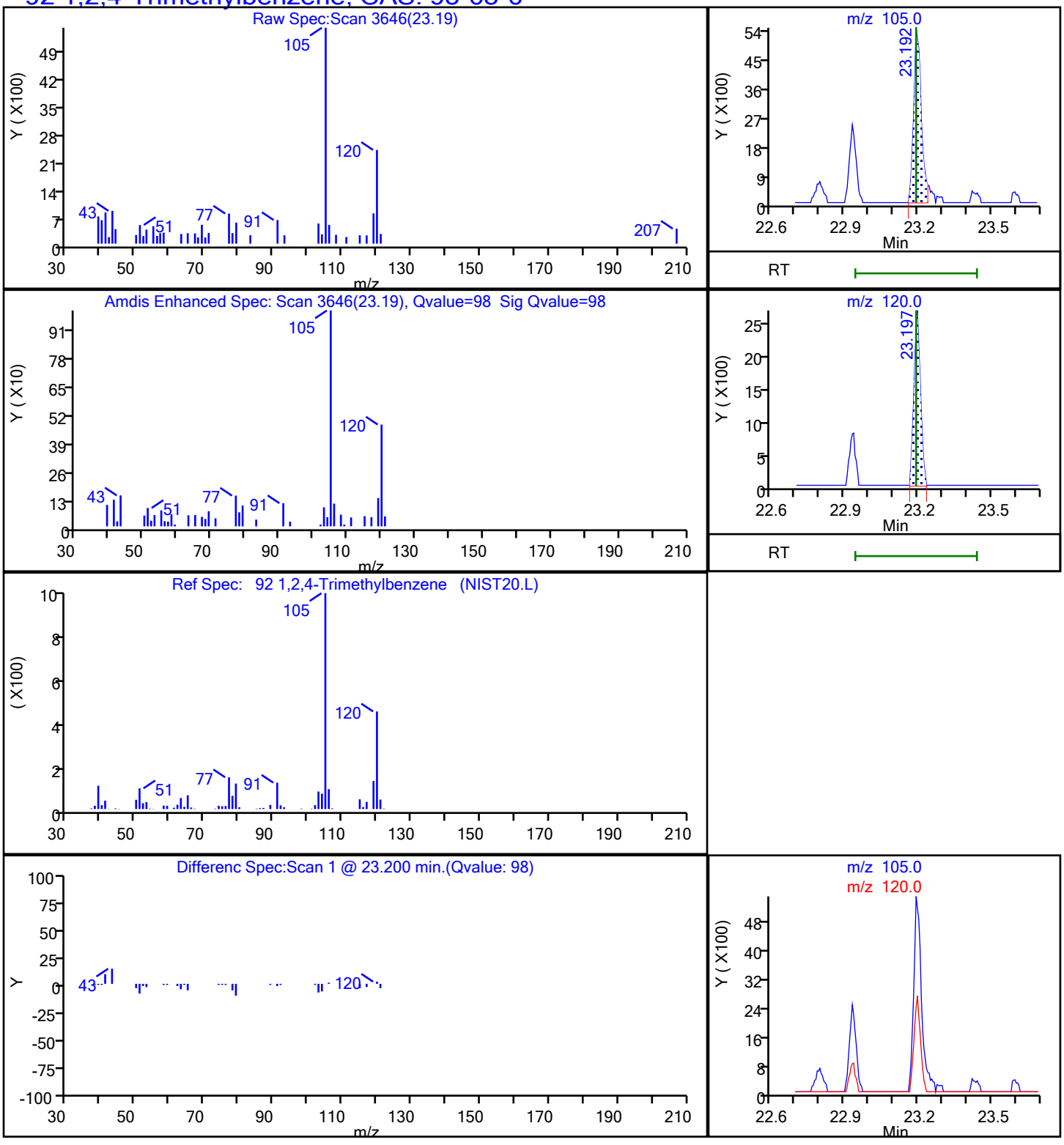
Operator ID: vtp ALS Bottle#: 12 Worklist Smp#: 13

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 92 1,2,4-Trimethylbenzene, CAS: 95-63-6



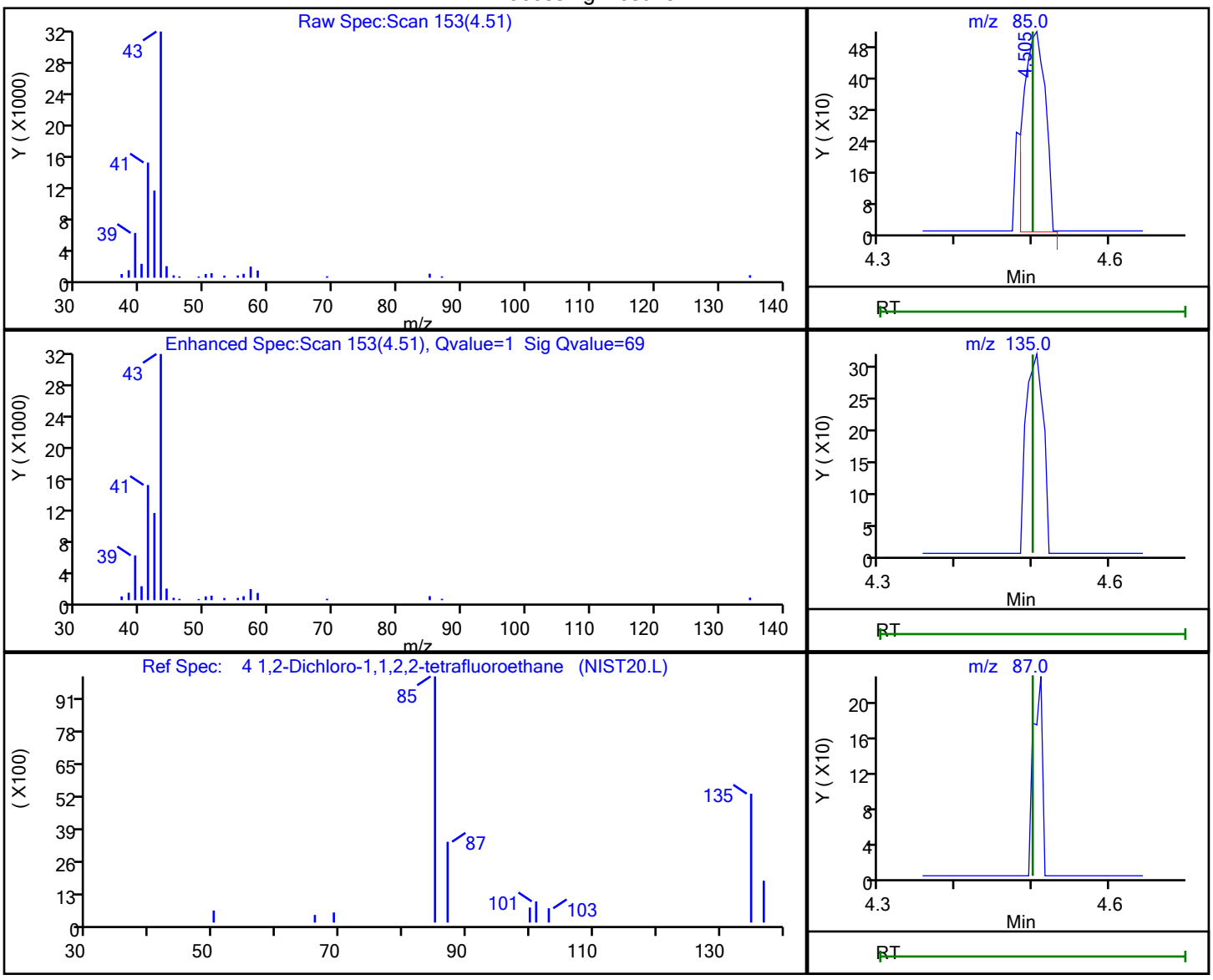
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.51 | 85.00 | 987 | 0.020076 |
| 4.50 | 135.00 | 0 | |
| 4.50 | 87.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:14:44 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

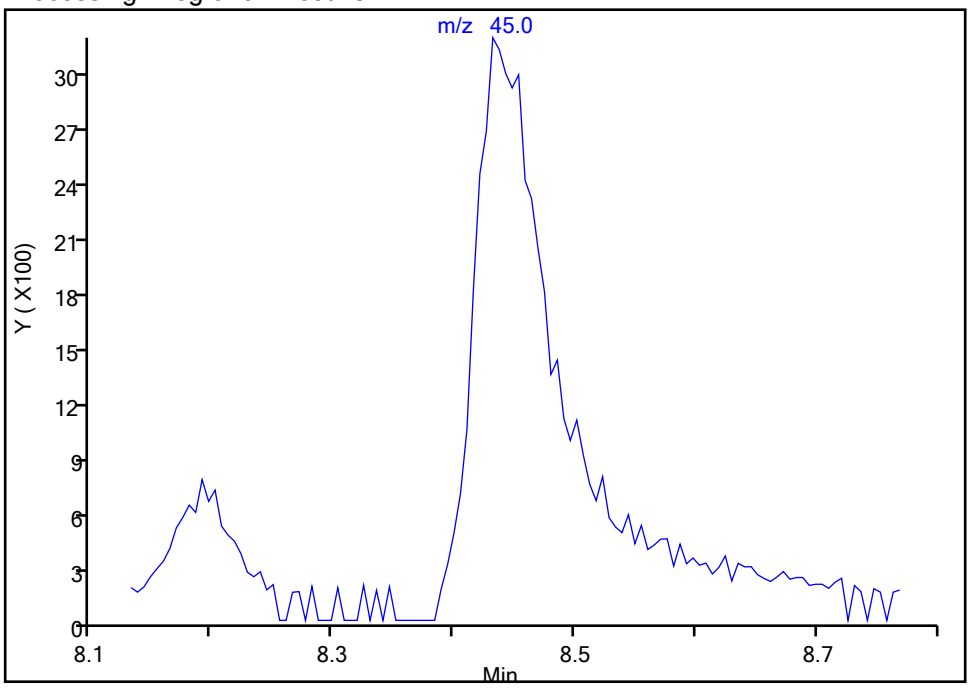
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

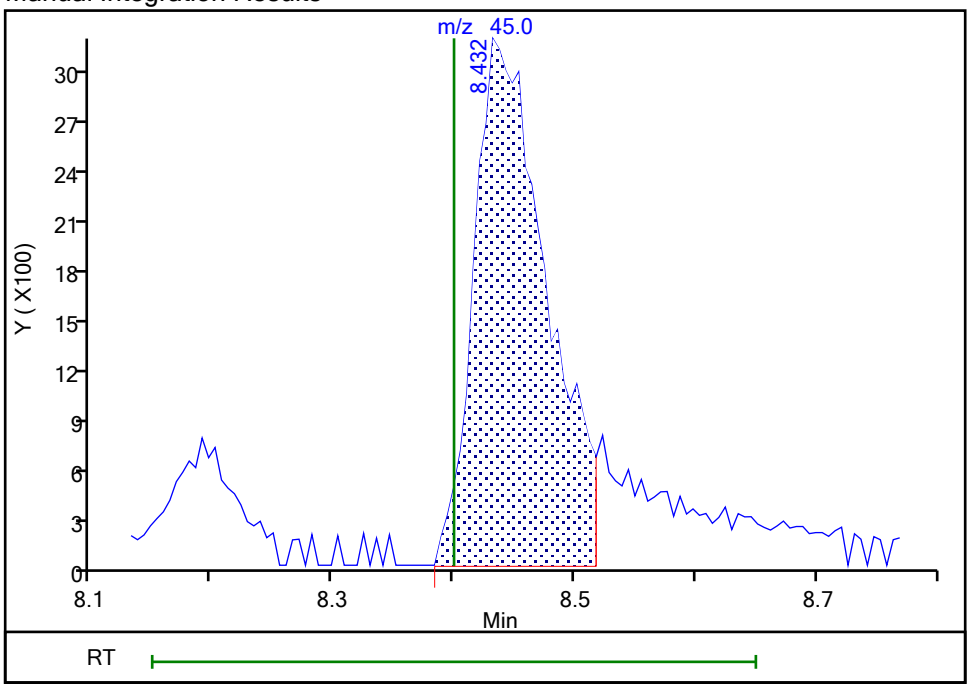
Not Detected
Expected RT: 8.40

Processing Integration Results




Manual Integration Results

RT: 8.43
Area: 13056
Amount: 0.497188
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:15:40 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

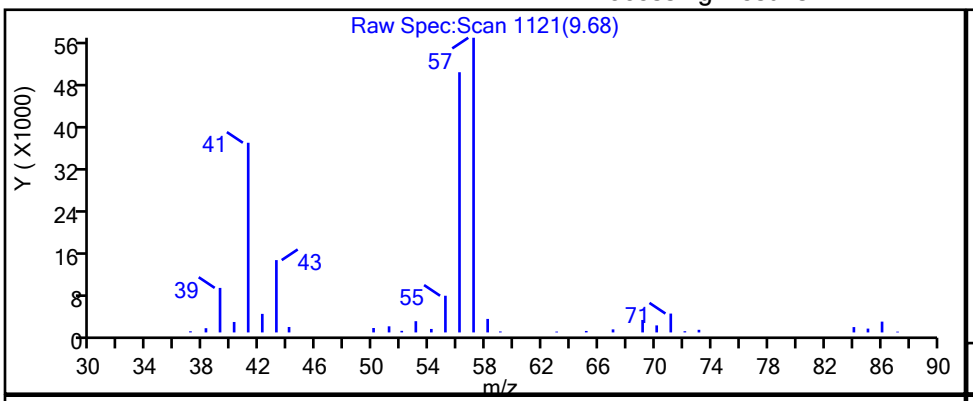
User Disabled Compound Report

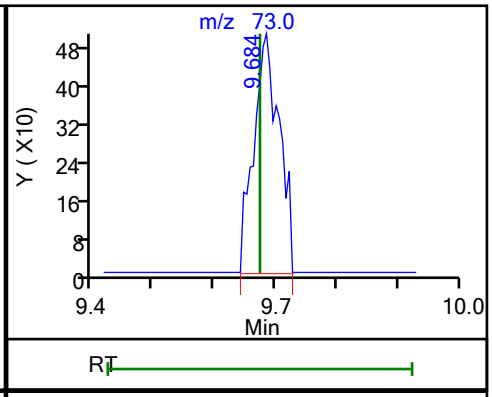
Eurofins Burlington

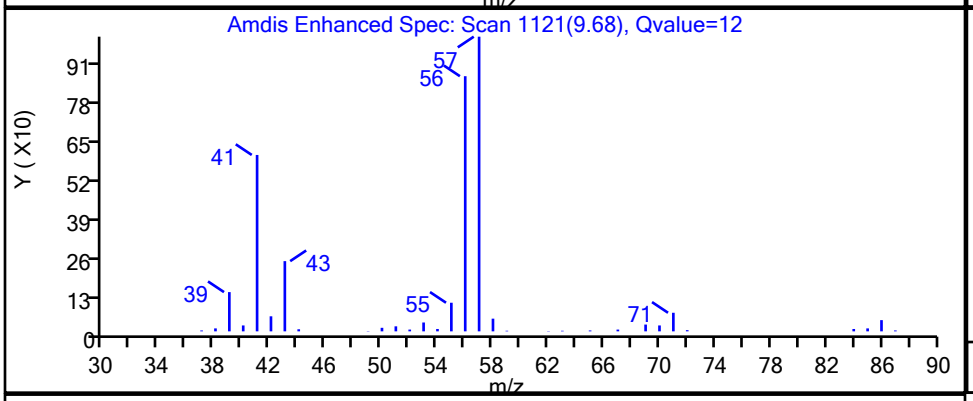
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

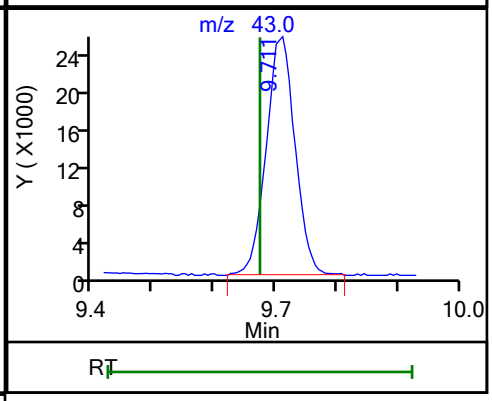
## 31 Methyl tert-butyl ether, CAS: 1634-04-4

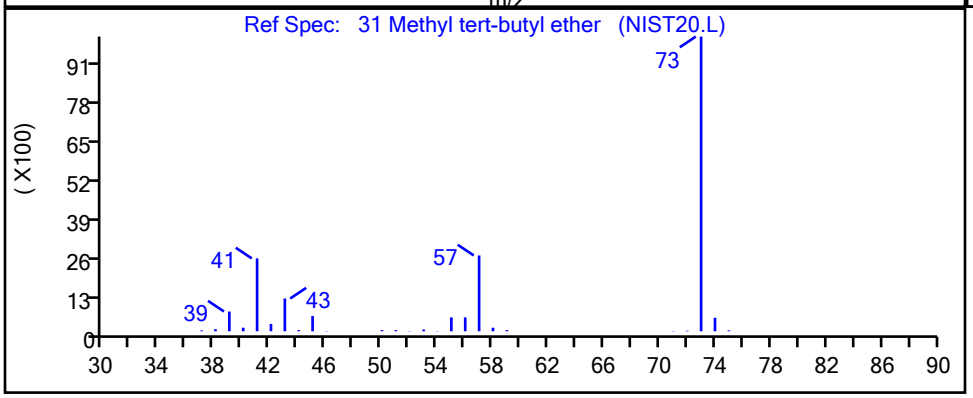
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 9.68 | 73.00 | 1465 | 0.030049 |
| 9.71 | 43.00 | 84857 | |

Reviewer: F7XK, 11-Feb-2025 09:16:09 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

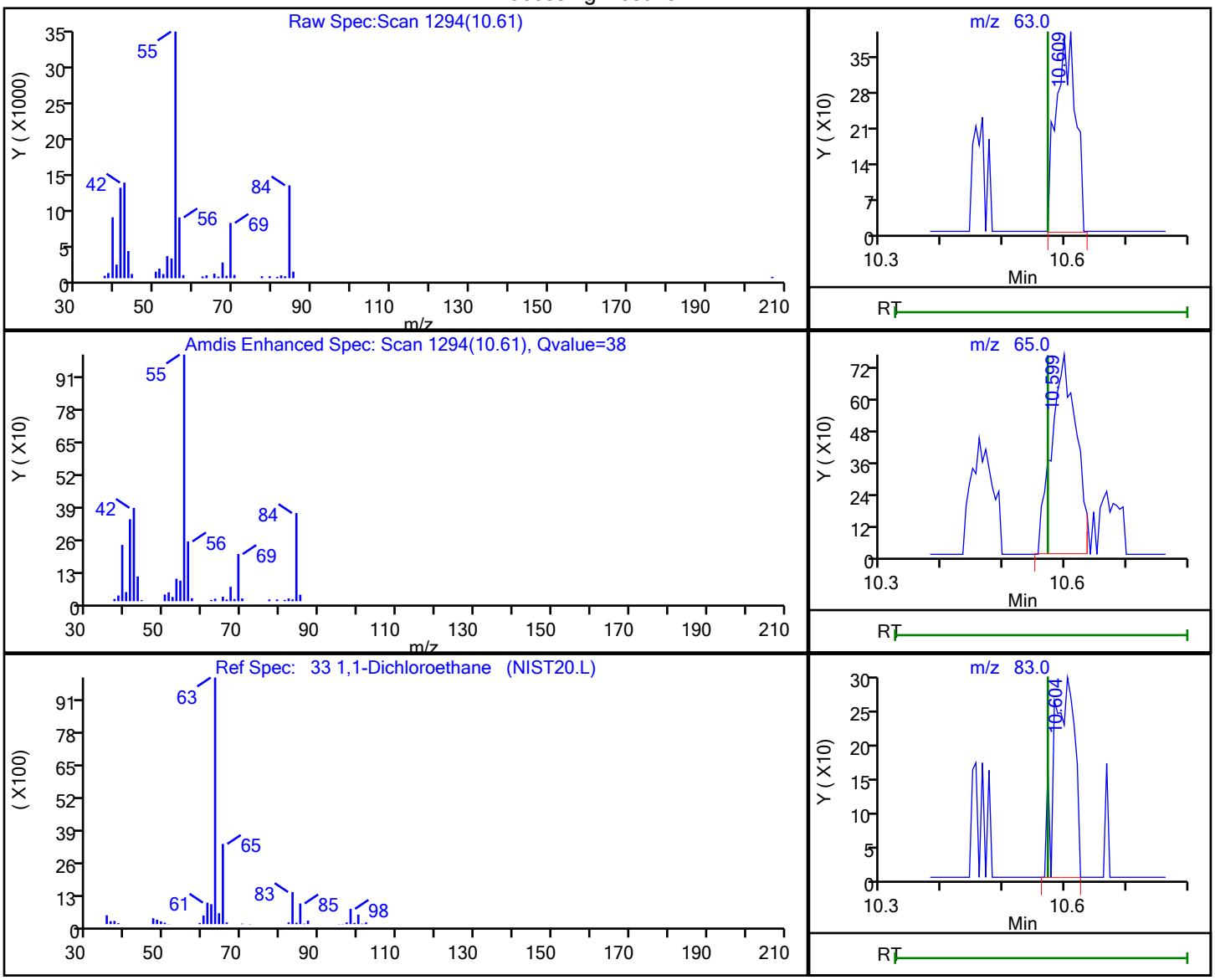
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 33 1,1-Dichloroethane, CAS: 75-34-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.61 | 63.00 | 873 | 0.024542 |
| 10.60 | 65.00 | 2155 | |
| 10.60 | 83.00 | 669 | |

Reviewer: F7XK, 11-Feb-2025 09:16:44 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

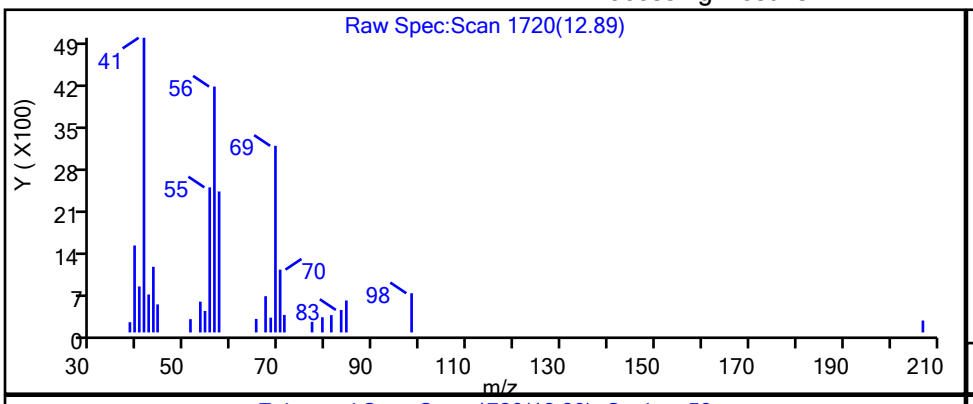
User Disabled Compound Report

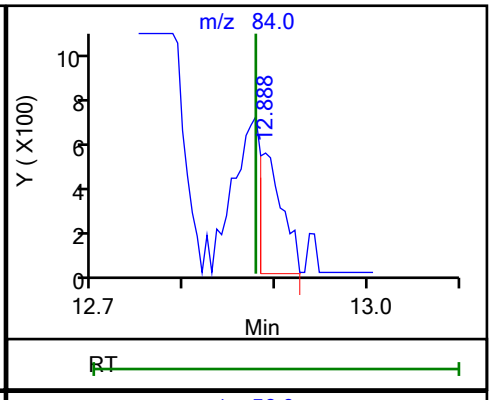
Eurofins Burlington

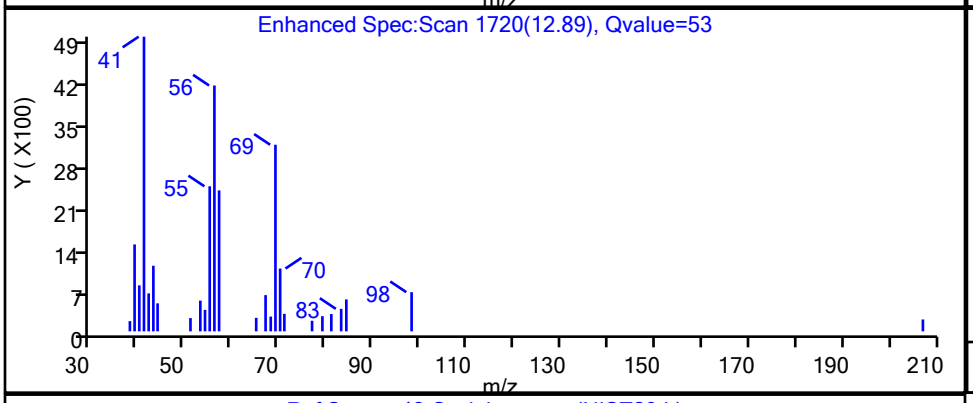
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

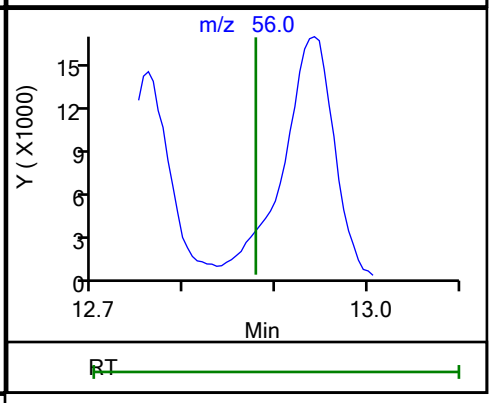
## 43 Cyclohexane, CAS: 110-82-7

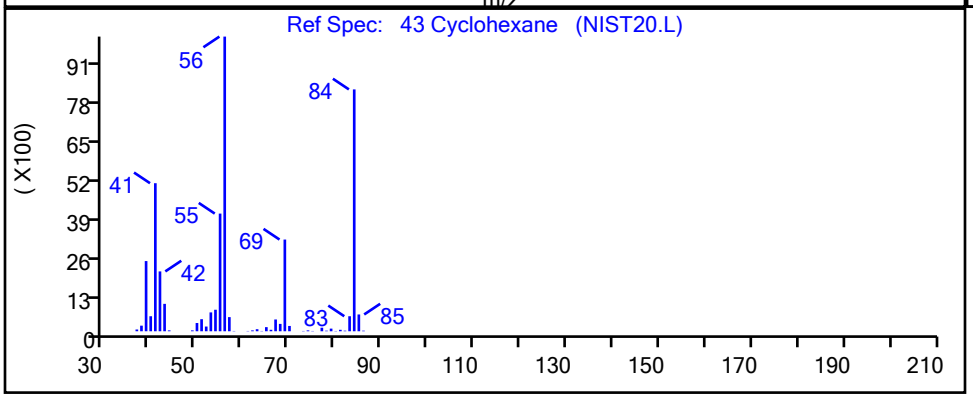
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.89 | 84.00 | 929 | 0.035947 |
| 12.88 | 56.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:17:32 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

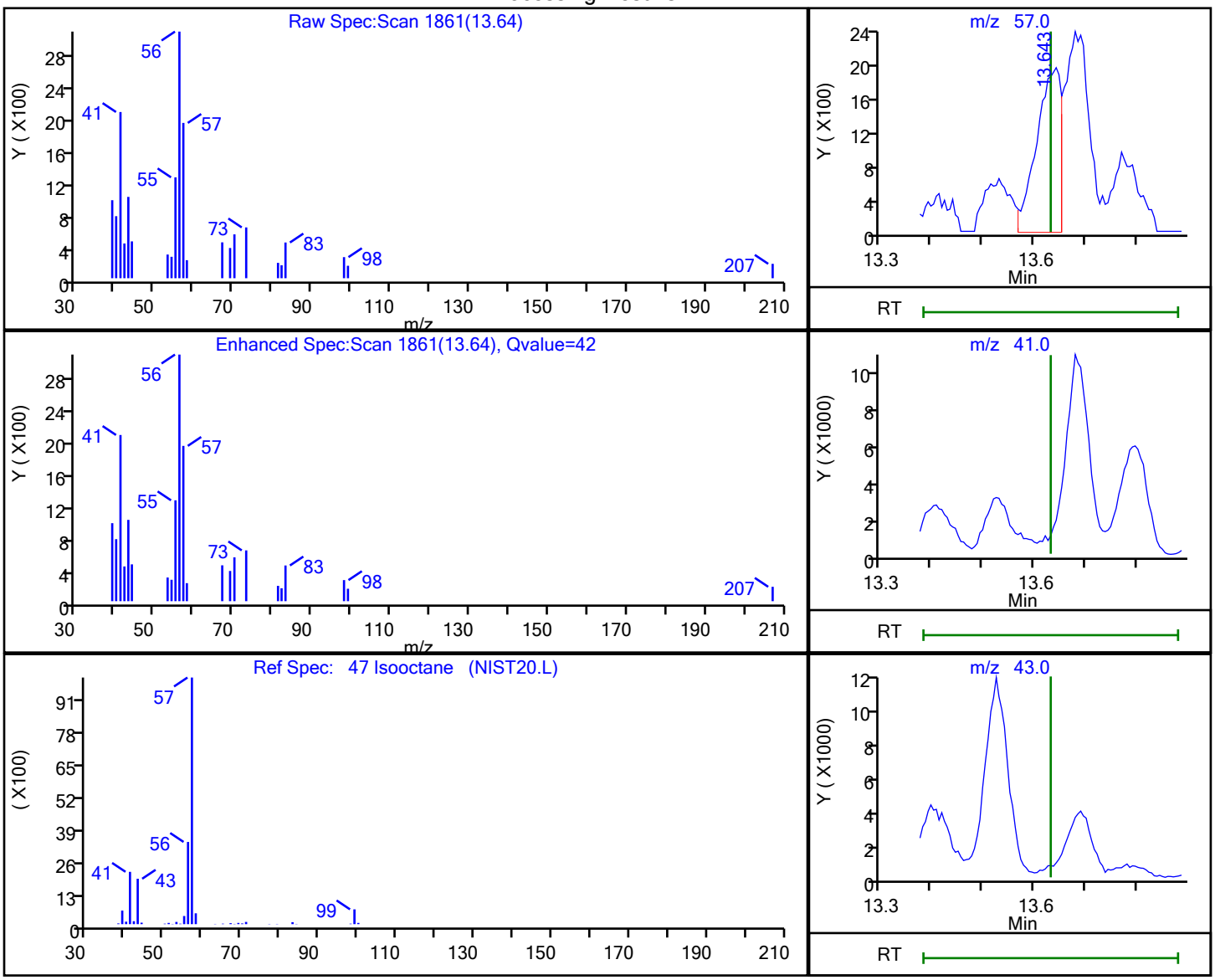
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 47 Isooctane, CAS: 540-84-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 13.64 | 57.00 | 6377 | 0.068755 |
| 13.63 | 41.00 | 0 | |
| 13.63 | 43.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:18:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

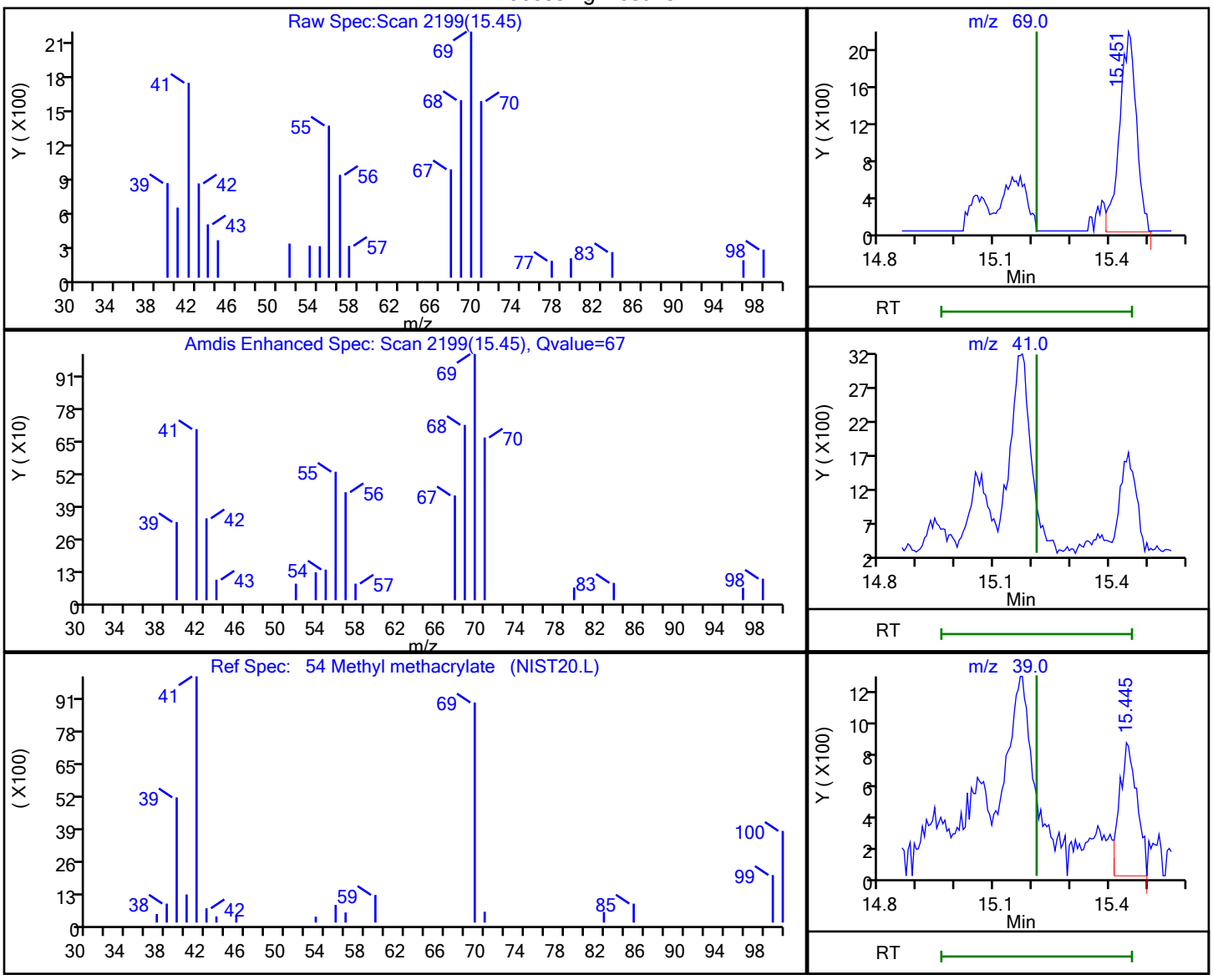
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 54 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.45 | 69.00 | 6638 | 0.322642 |
| 15.21 | 41.00 | 0 | |
| 15.45 | 39.00 | 2686 | |

Reviewer: F7XK, 11-Feb-2025 09:18:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

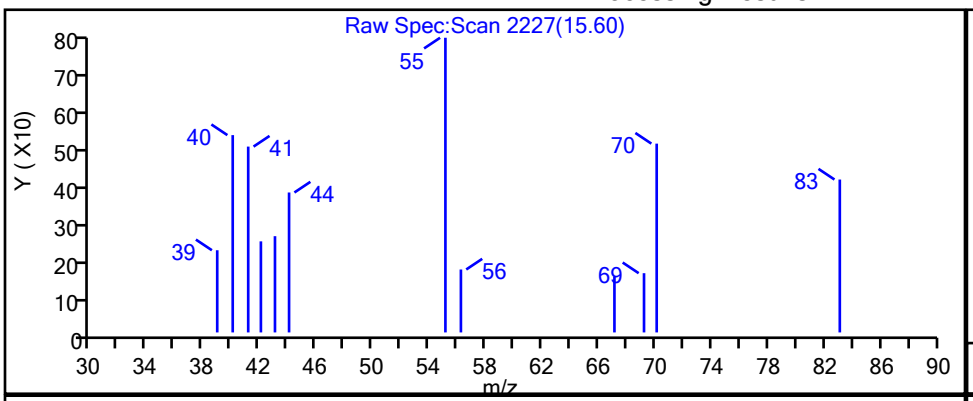
User Disabled Compound Report

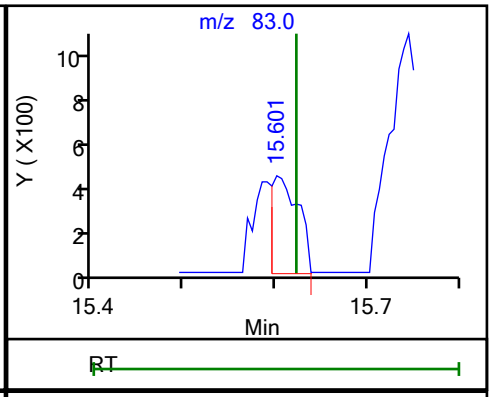
Eurofins Burlington

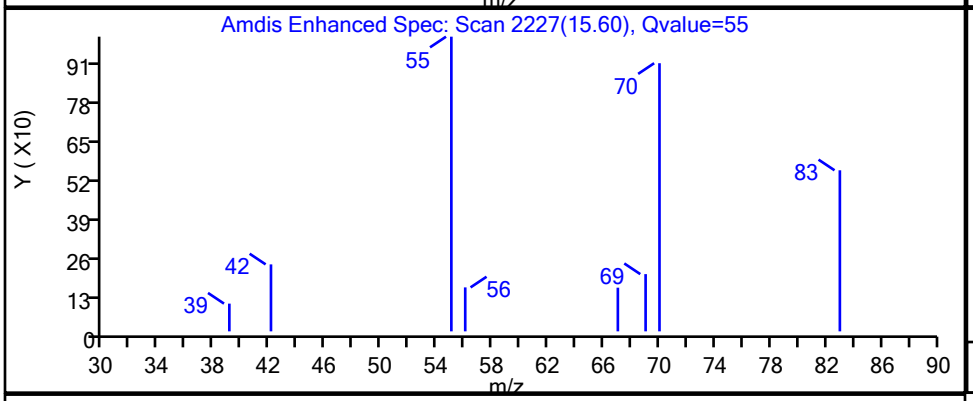
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

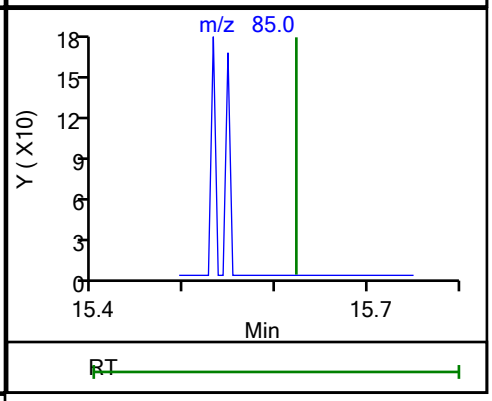
## 58 Dichlorobromomethane, CAS: 75-27-4

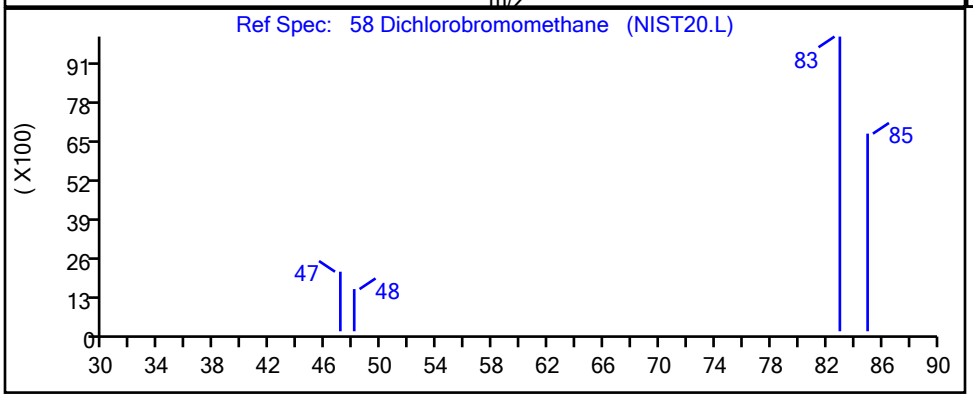
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.60 | 83.00 | 837 | 0.021173 |
| 15.62 | 85.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 09:18:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

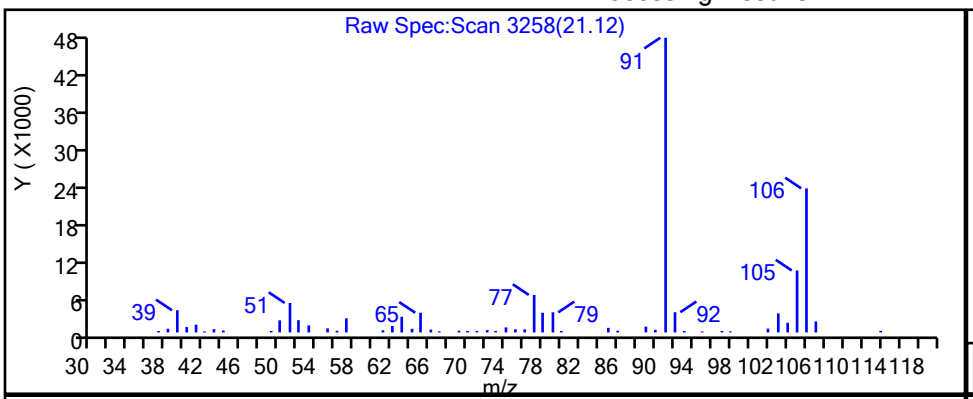
User Disabled Compound Report

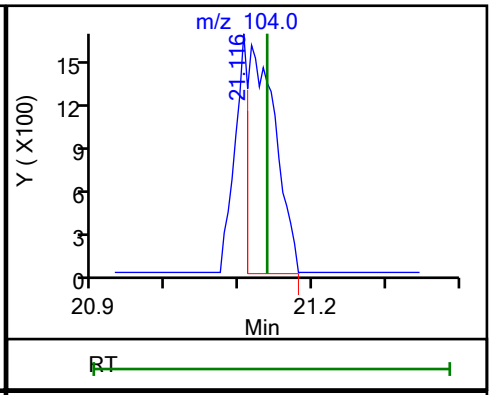
Eurofins Burlington

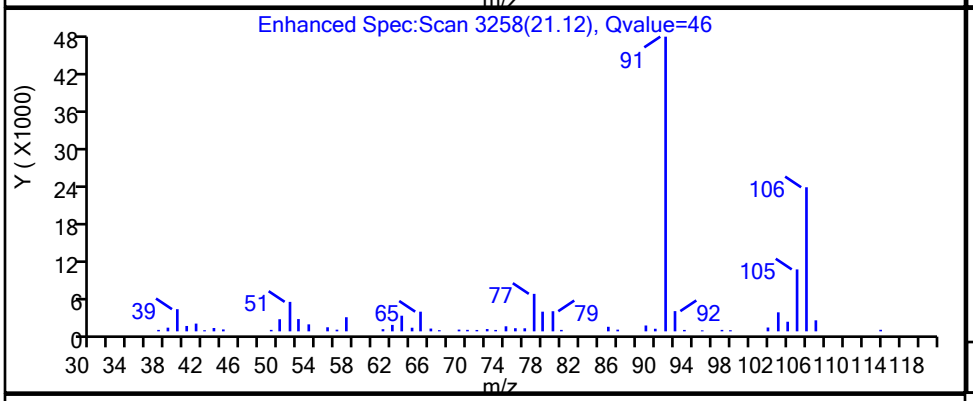
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

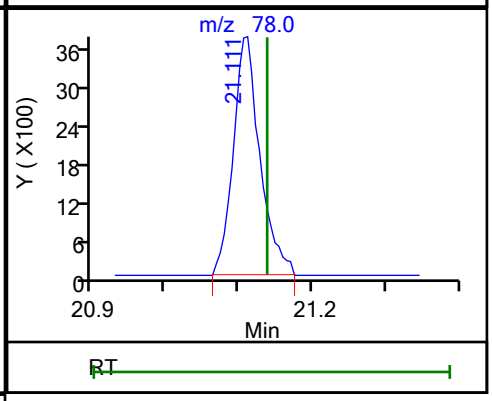
## 79 Styrene, CAS: 100-42-5

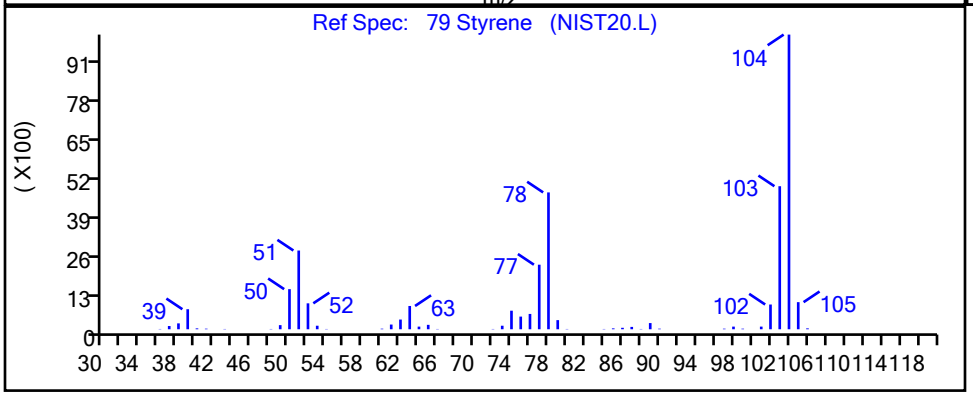
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 21.12 | 104.00 | 4150 | 0.076160 |
| 21.11 | 78.00 | 9503 | |

Reviewer: F7XK, 11-Feb-2025 09:19:49 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

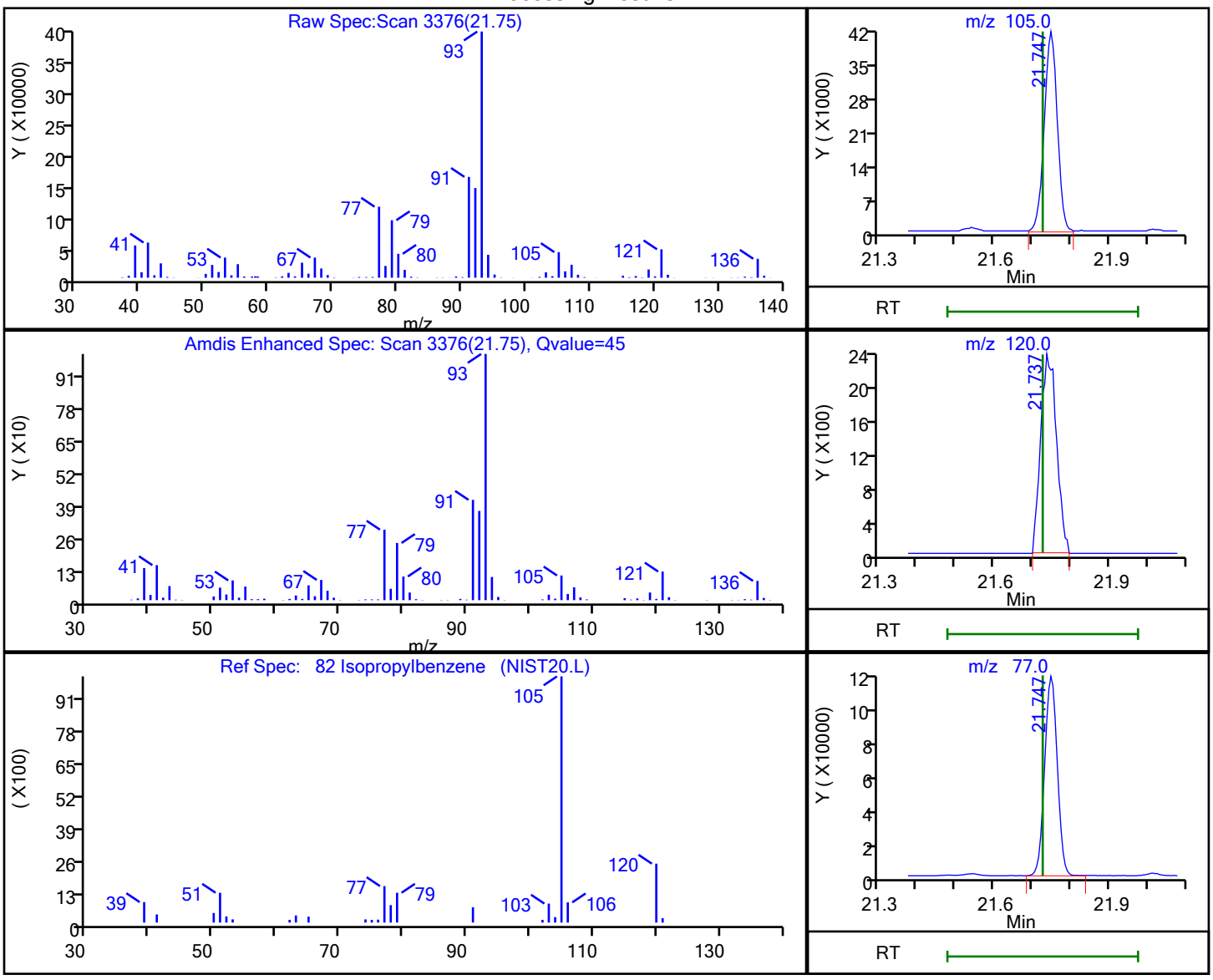
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 82 Isopropylbenzene, CAS: 98-82-8

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 21.75 | 105.00 | 98328 | 0.998864 |
| 21.74 | 120.00 | 6863 | |
| 21.75 | 77.00 | 266576 | |

Reviewer: F7XK, 11-Feb-2025 09:19:56 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

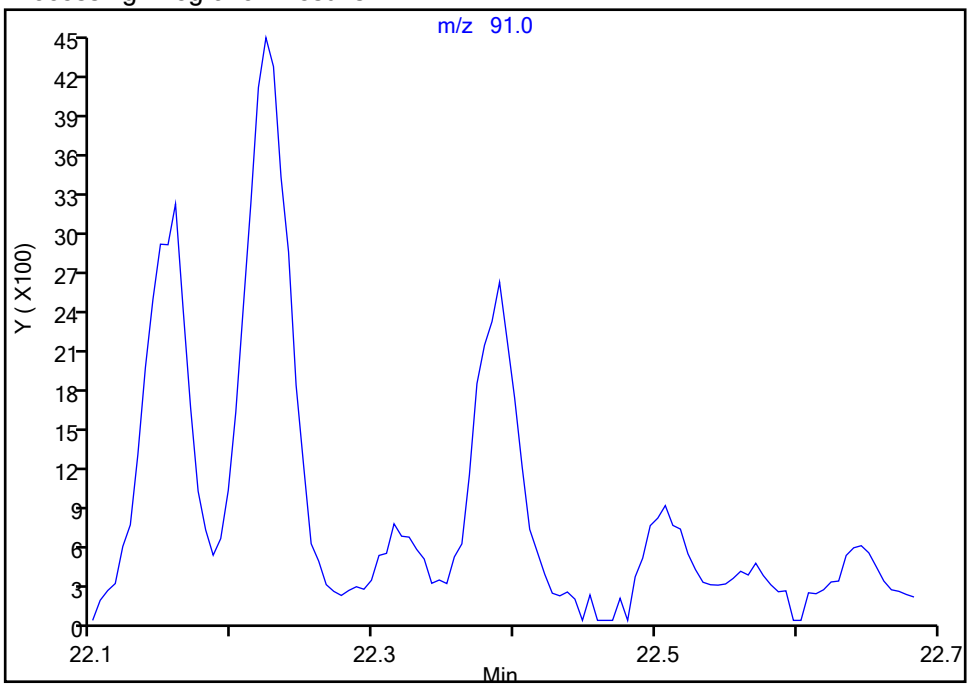
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

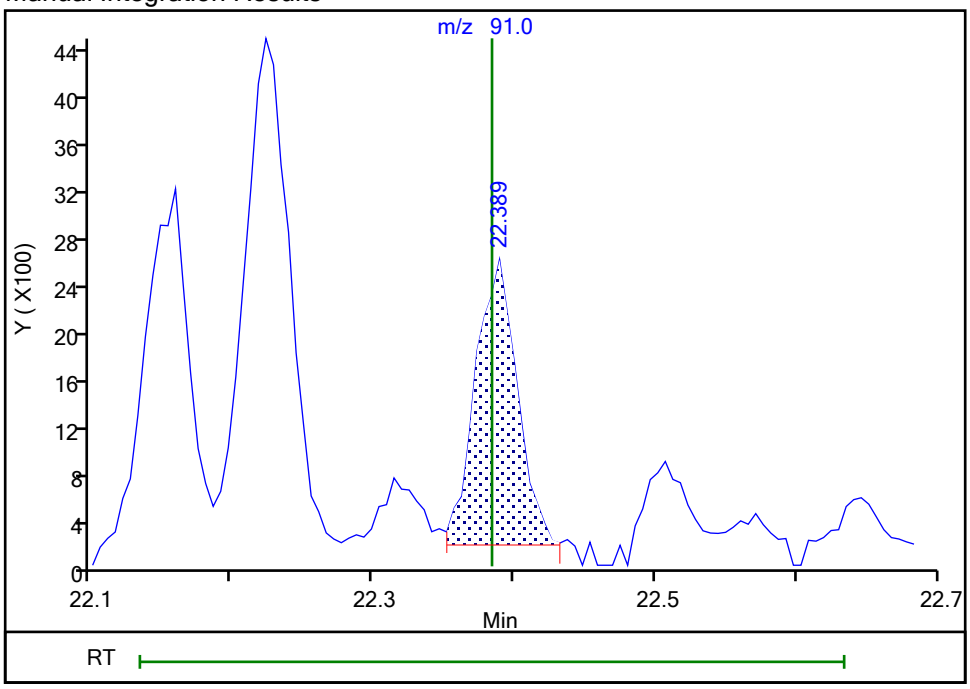
Processing Integration Results

Not Detected
Expected RT: 22.38




Manual Integration Results

RT: 22.39
Area: 4889
Amount: 0.039205
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:20:11 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

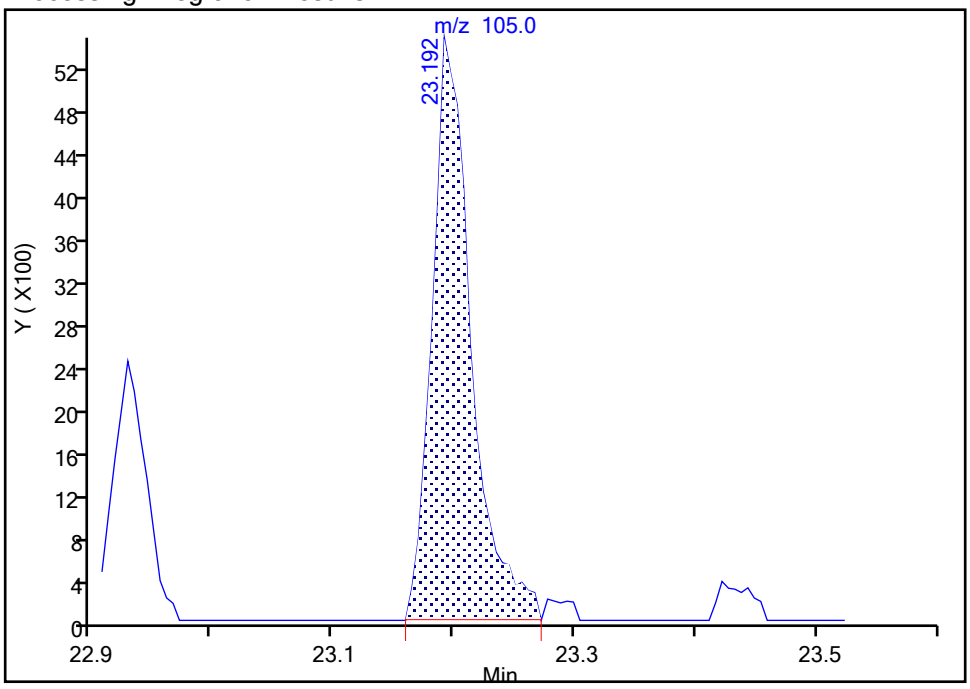
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

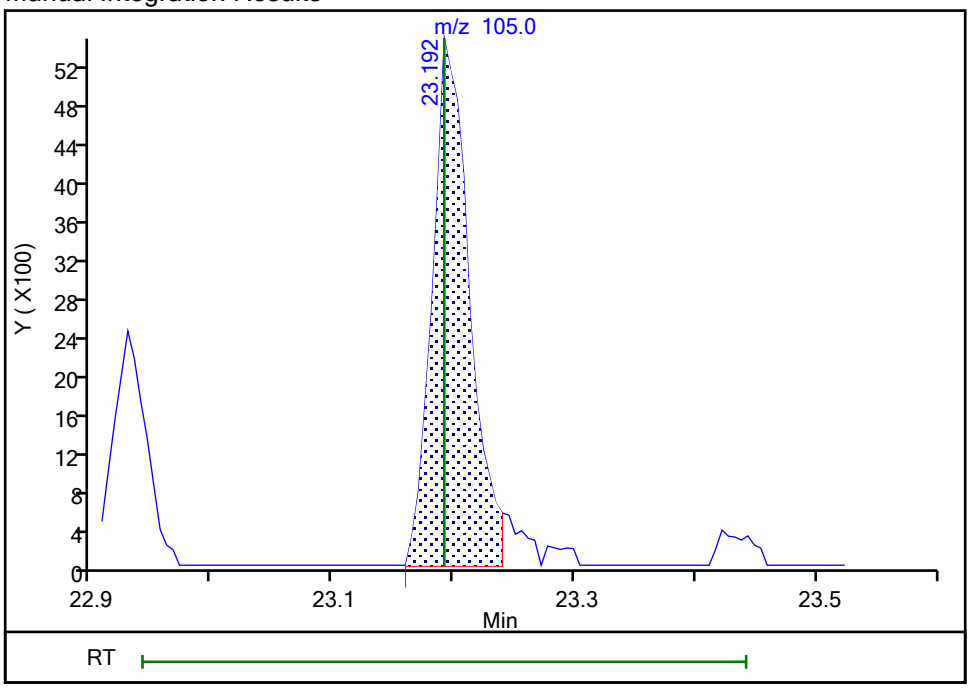
Processing Integration Results

RT: 23.19
Area: 12294
Amount: 0.145101
Amount Units: ppb v/v




Manual Integration Results

RT: 23.19
Area: 11734
Amount: 0.138491
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:20:36 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

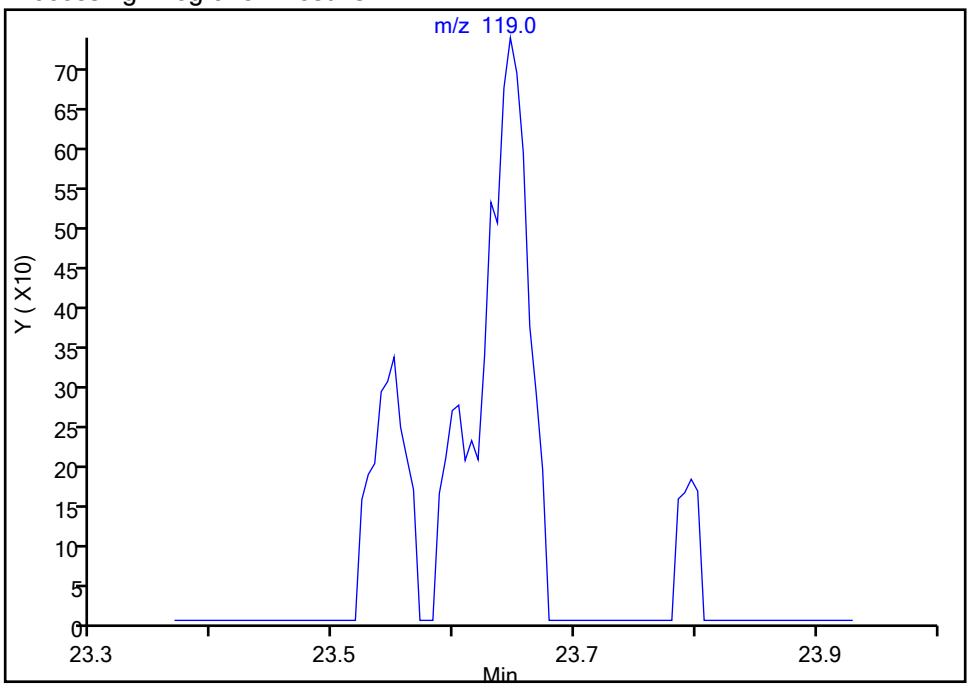
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-13.d | | | | |
| Injection Date: | 10-Feb-2025 17:53:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 12 | Worklist Smp#: | 13 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

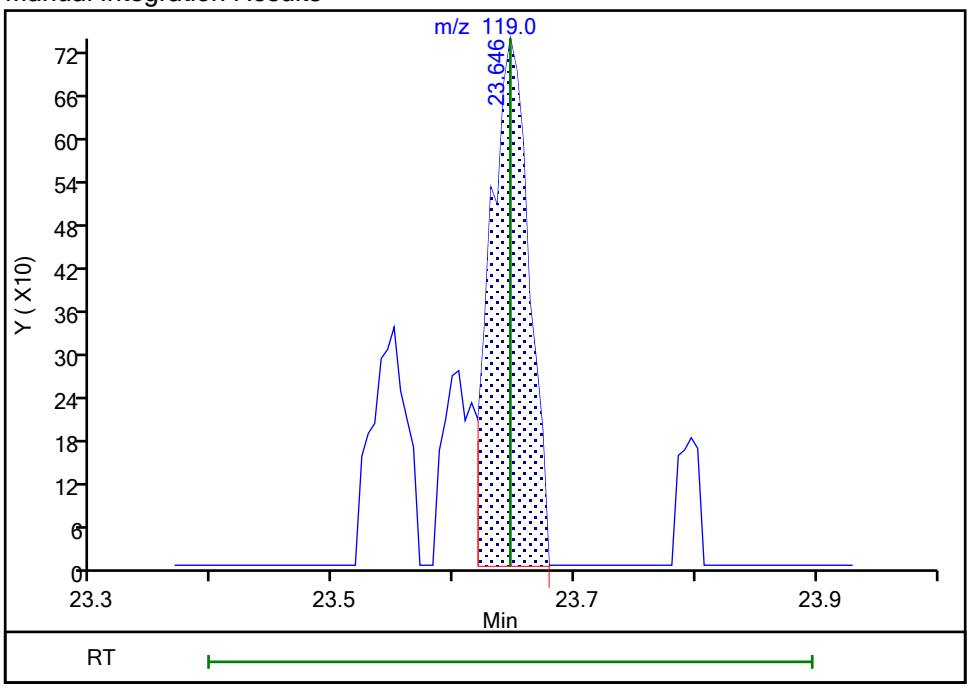
Not Detected
Expected RT: 23.65

Processing Integration Results




Manual Integration Results

RT: 23.65
Area: 1645
Amount: 0.015177
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 09:20:56 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025 DL Lab Sample ID: 200-76885-2 DL

Matrix: Air Lab File ID: 63948-14.d

Analysis Method: TO-15 Date Collected: 02/05/2025 11:16

Sample wt/vol: 67(mL) Date Analyzed: 02/10/2025 18:43

Soil Aliquot Vol: Dilution Factor: 2.99

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 106-97-8 | n-Butane | 58.12 | 190 | D | 3.6 | 1.4 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: DUP_02052025 DL Lab Sample ID: 200-76885-2 DL

Matrix: Air Lab File ID: 63948-14.d

Analysis Method: TO-15 Date Collected: 02/05/2025 11:16

Sample wt/vol: 67(mL) Date Analyzed: 02/10/2025 18:43

Soil Aliquot Vol: Dilution Factor: 2.99

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 106-97-8 | n-Butane | 58.12 | 81 | D | 1.5 | 0.60 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-14.d
Lims ID: 200-76885-A-2 DL
Client ID: DUP_02052025
Sample Type: Client
Inject. Date: 10-Feb-2025 18:43:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 2.9900
Sample Info: 200-0063948-014
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 10:07:22 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 10:07:22

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.158 | 0.005 | 99 | 8189 | 0.1875 | |
| 3 Chlorodifluoromethane | 51 | 4.201 | 4.195 | 0.005 | 96 | 2655 | 0.0990 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | ND | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.006 | 76 | 1899 | 0.1126 | |
| 6 Vinyl chloride | 62 | | 4.906 | | | | ND | |
| 7 Butane | 43 | 4.912 | 4.914 | 0.000 | 98 | 629533 | 27.2 | |
| 8 Butadiene | 54 | 5.019 | 5.021 | 0.000 | 88 | 2378 | 0.1723 | |
| 9 Bromomethane | 94 | | 5.762 | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | ND | |
| 14 Trichlorofluoromethane | 101 | 6.726 | 6.726 | 0.011 | 96 | 3933 | 0.0936 | M |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.007 | 0.005 | 70 | 1042 | 0.0262 | |
| 22 Acetone | 43 | 8.058 | 8.041 | 0.017 | 97 | 89659 | 3.55 | |
| 23 Isopropyl alcohol | 45 | 8.464 | 8.464 | 0.064 | 29 | 3792 | 0.1434 | M |
| 24 Carbon disulfide | 76 | 8.443 | 8.459 | -0.005 | 99 | 26580 | 0.4746 | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.069 | 0.000 | 93 | 2038 | 0.0944 | M |
| 28 2-Methyl-2-propanol | 59 | 9.347 | 9.319 | 0.032 | 98 | 38146 | 1.11 | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.673 | | | | ND | |
| 32 Hexane | 57 | 10.278 | 10.282 | 0.000 | 93 | 185402 | 6.34 | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | ND | |
| 36 2-Butanone (MEK) | 72 | 11.706 | 11.706 | 0.032 | 99 | 3800 | 0.4051 | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.171 | 0.006 | 95 | 146711 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | |
| 41 Chloroform | 83 | 12.370 | 12.375 | 0.001 | 97 | 12292 | 0.3202 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.005 | 50 | 2188 | 0.0602 | M |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 66 | 527 | 0.0204 | M |
| 44 Carbon tetrachloride | 117 | | 13.027 | | | | ND | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.006 | 95 | 11754 | 0.1900 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 46 1,2-Dichloroethane | 62 | | 13.471 | | | | ND | |
| 47 Isooctane | 57 | | 13.632 | | | | ND | MU |
| 48 n-Heptane | 43 | 13.958 | 13.964 | 0.000 | 91 | 65591 | 2.07 | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 95 | 727079 | 10.0 | |
| 51 Trichloroethene | 95 | | 14.654 | | | | ND | |
| 53 1,2-Dichloropropane | 63 | | 15.135 | | | | ND | |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | MU |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | |
| 58 Dichlorobromomethane | 83 | | 15.622 | | | | ND | |
| 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.730 | 16.730 | 0.017 | 92 | 5775 | 0.1500 | M |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 38126 | 0.9336 | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | | 17.944 | | | | ND | |
| 68 Tetrachloroethene | 166 | 18.169 | 18.184 | 0.001 | 86 | 793 | 0.0217 | |
| 69 2-Hexanone | 43 | | 18.340 | | | | ND | 7 |
| 70 Chlorodibromomethane | 129 | | 18.714 | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.971 | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 87 | 622832 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.961 | | | | ND | |
| 75 Ethylbenzene | 91 | 20.148 | 20.137 | 0.006 | 98 | 31707 | 0.3482 | |
| 76 m-Xylene & p-Xylene | 106 | 20.389 | 20.394 | -0.005 | 0 | 53714 | 1.51 | |
| 78 o-Xylene | 106 | 21.106 | 21.111 | -0.005 | 99 | 15943 | 0.4840 | |
| 79 Styrene | 104 | | 21.137 | | | | ND | MU |
| 81 Bromoform | 173 | | 21.458 | | | | ND | |
| 82 Isopropylbenzene | 105 | | 21.726 | | | | ND | MU |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | ND | 7 |
| 85 N-Propylbenzene | 91 | 22.390 | 22.390 | 0.006 | 20 | 1374 | 0.0111 | 7M |
| 86 2-Chlorotoluene | 91 | | 22.534 | | | | ND | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.571 | 0.005 | 91 | 1286 | 0.0127 | Ma |
| 88 1,3,5-Trimethylbenzene | 105 | 22.657 | 22.657 | 0.006 | 75 | 1171 | 0.0136 | Ma |
| 91 tert-Butylbenzene | 119 | | 23.112 | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.005 | 93 | 2621 | 0.0311 | M |
| 93 sec-Butylbenzene | 105 | | 23.432 | | | | ND | |
| 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | ND | |
| 95 4-Isopropyltoluene | 119 | | 23.646 | | | | ND | |
| 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | ND | |
| 97 Benzyl chloride | 91 | | 23.919 | | | | ND | |
| 98 n-Butylbenzene | 91 | | 24.246 | | | | ND | |
| 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | ND | |
| 103 Hexachlorobutadiene | 225 | | 27.290 | | | | ND | |
| 104 Naphthalene | 128 | | 27.573 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

## Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

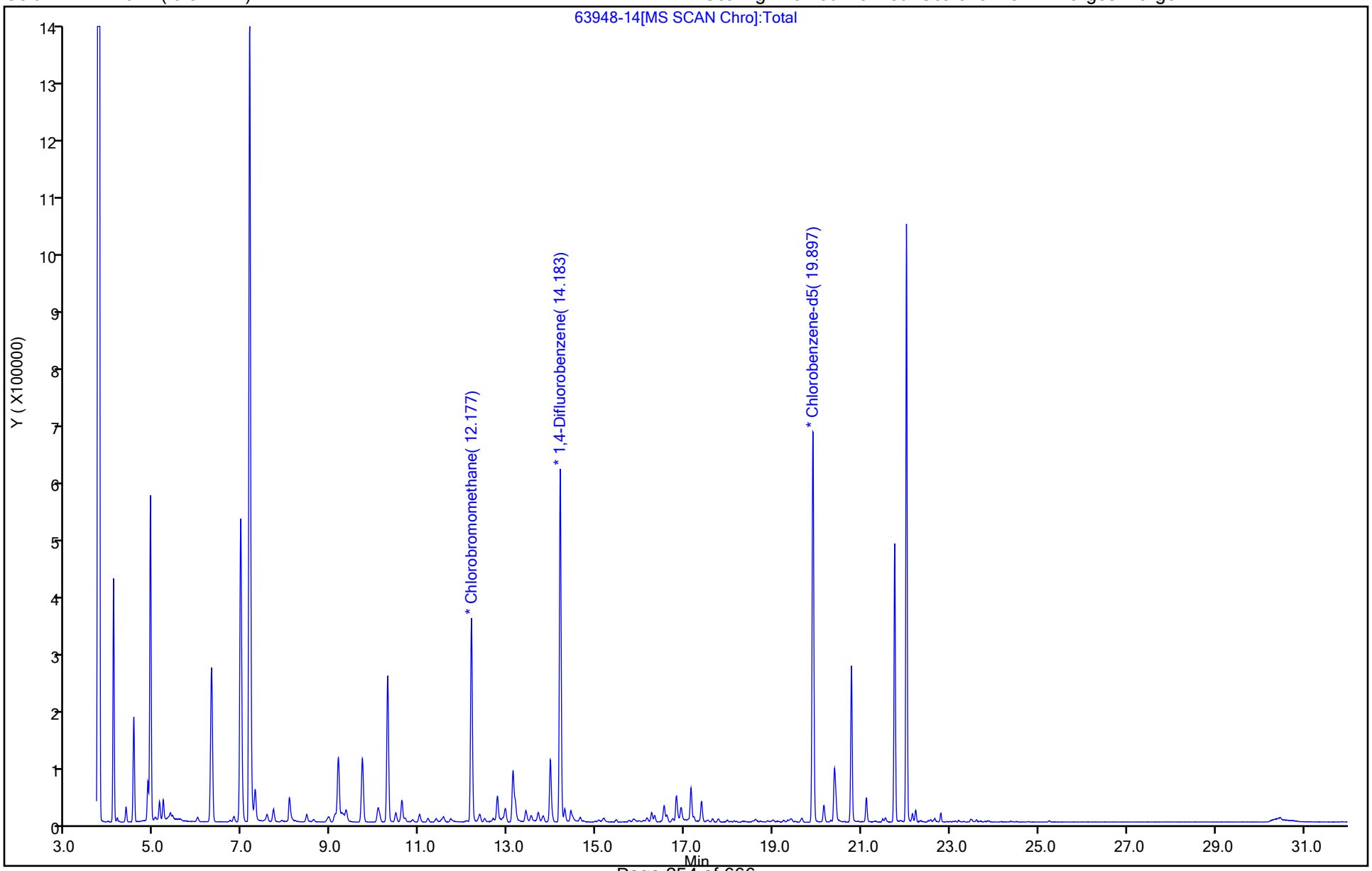
Report Date: 11-Feb-2025 10:07:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-14.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 18:43:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | 200-76885-A-2 DL | Lab Sample ID: | 200-76885-2 | Worklist Smp#: | 14 |
| Client ID: | DUP_02052025 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 2.9900 | ALS Bottle#: | 13 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

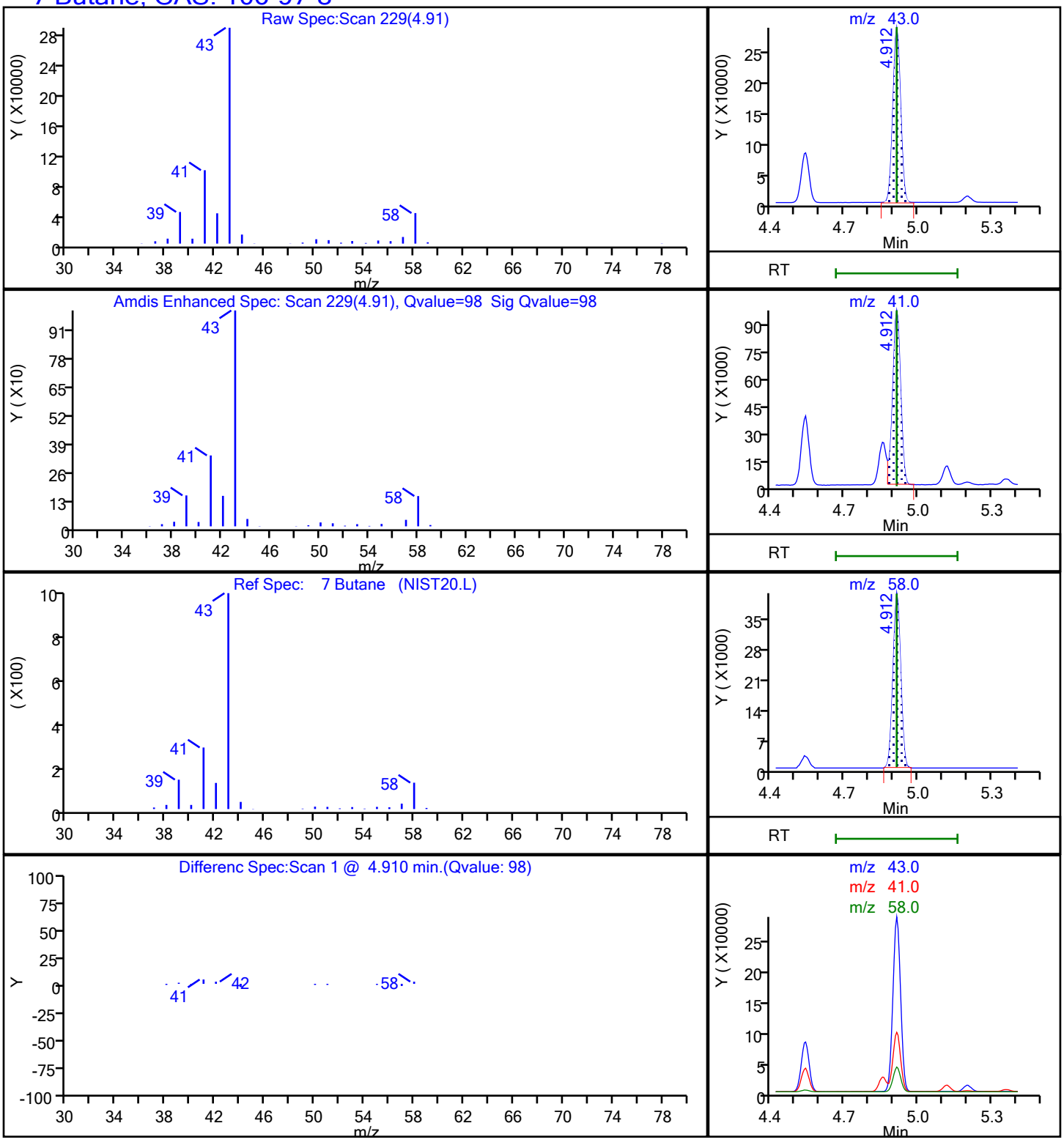


Report Date: 11-Feb-2025 10:07:22 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-14.d | | | | |
| Injection Date: | 10-Feb-2025 18:43:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-2 DL | Lab Sample ID: | 200-76885-2 | | |
| Client ID: | DUP_02052025 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 13 | Worklist Smp#: | 14 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 2.9900 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 7 Butane, CAS: 106-97-8



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01 Lab Sample ID: 200-76885-3

Matrix: Air Lab File ID: 63948-15.d

Analysis Method: TO-15 Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 2.6 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 1.1 | J | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 50.49 | 0.66 | J | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 58.12 | 24 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 4.3 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 94.94 | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 64.52 | 1.3 | U | 1.3 | 0.47 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.87 | U | 0.87 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 1.7 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.65 | J | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 58.08 | 25 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 76.14 | 2.2 | | 1.6 | 0.40 |
| 107-05-1 | 3-Chloropropene | 76.53 | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 84.93 | 0.78 | J | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 8.2 | J | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.17 | J | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 86.17 | 1.5 | J | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 8.3 | | 1.5 | 1.4 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 119.38 | 0.89 | J | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 84.16 | 0.32 | J | 0.69 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.50 | | 0.22 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01 Lab Sample ID: 200-76885-3

Matrix: Air Lab File ID: 63948-15.d

Analysis Method: TO-15 Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ug/m3

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.60 | J | 0.93 | 0.18 |
| 71-43-2 | Benzene | 78.11 | 4.0 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 100.21 | 2.1 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 131.39 | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 100.12 | 2.0 | U | 2.0 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 18 | U | 18 | 0.30 |
| 75-27-4 | Bromodichloromethane | 163.83 | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 1.8 | J | 2.0 | 0.53 |
| 108-88-3 | Toluene | 92.14 | 23 | | 0.75 | 0.23 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.21 | J | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 1.3 | J | 2.0 | 0.61 |
| 124-48-1 | Dibromochloromethane | 208.28 | 1.7 | U | 1.7 | 0.54 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 106.17 | 8.0 | | 0.87 | 0.30 |
| 179601-23-1 | m,p-Xylene | 106.17 | 32 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 106.17 | 7.6 | | 0.87 | 0.27 |
| 100-42-5 | Styrene | 104.15 | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 252.75 | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 120.19 | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 1.0 | U | 1.0 | 0.24 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01  Lab Sample ID: 200-76885-3

Matrix: Air  Lab File ID: 63948-15.d

Analysis Method: TO-15  Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 1.1 | U | 1.1 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.44 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 126.58 | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 3.7 | U | 3.7 | 2.4 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 128.17 | 2.0 | U | 2.0 | 1.6 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01  Lab Sample ID: 200-76885-3

Matrix: Air  Lab File ID: 63948-15.d

Analysis Method: TO-15  Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N) ___ pH:

% Moisture: ___ % Solids: ___  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 0.52 | | 0.50 | 0.11 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 0.30 | J | 0.50 | 0.12 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 0.20 | U | 0.20 | 0.048 |
| 74-87-3 | Chloromethane | 50.49 | 0.32 | J | 0.50 | 0.15 |
| 106-97-8 | n-Butane | 58.12 | 10 | | 0.50 | 0.20 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.078 | U | 0.078 | 0.021 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 1.9 | | 0.20 | 0.039 |
| 74-83-9 | Bromomethane | 94.94 | 0.20 | U | 0.20 | 0.071 |
| 75-00-3 | Chloroethane | 64.52 | 0.50 | U | 0.50 | 0.18 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.20 | U | 0.20 | 0.050 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 0.31 | | 0.20 | 0.050 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.085 | J | 0.20 | 0.053 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.026 |
| 67-64-1 | Acetone | 58.08 | 11 | | 5.0 | 1.6 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 5.0 | U | 5.0 | 1.6 |
| 75-15-0 | Carbon disulfide | 76.14 | 0.70 | | 0.50 | 0.13 |
| 107-05-1 | 3-Chloropropene | 76.53 | 0.50 | U | 0.50 | 0.12 |
| 75-09-2 | Methylene Chloride | 84.93 | 0.23 | J | 0.50 | 0.18 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 2.7 | J | 5.0 | 1.2 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.046 | J | 0.20 | 0.036 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.023 |
| 110-54-3 | n-Hexane | 86.17 | 0.44 | J | 0.50 | 0.11 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.025 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 2.8 | | 0.50 | 0.49 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.021 |
| 67-66-3 | Chloroform | 119.38 | 0.18 | J | 0.20 | 0.041 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 5.0 | U | 5.0 | 1.3 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.044 |
| 110-82-7 | Cyclohexane | 84.16 | 0.094 | J | 0.20 | 0.058 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.080 | | 0.035 | 0.022 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01 Lab Sample ID: 200-76885-3

Matrix: Air Lab File ID: 63948-15.d

Analysis Method: TO-15 Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL) Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 213497 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.13 | J | 0.20 | 0.038 |
| 71-43-2 | Benzene | 78.11 | 1.3 | | 0.20 | 0.044 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.093 |
| 142-82-5 | n-Heptane | 100.21 | 0.51 | | 0.20 | 0.055 |
| 79-01-6 | Trichloroethene | 131.39 | 0.037 | U | 0.037 | 0.025 |
| 80-62-6 | Methyl methacrylate | 100.12 | 0.50 | U | 0.50 | 0.14 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.20 | U | 0.20 | 0.094 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 5.0 | U | 5.0 | 0.082 |
| 75-27-4 | Bromodichloromethane | 163.83 | 0.20 | U | 0.20 | 0.050 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.045 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 0.44 | J | 0.50 | 0.13 |
| 108-88-3 | Toluene | 92.14 | 6.1 | | 0.20 | 0.062 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.054 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.074 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.031 | J | 0.20 | 0.021 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 0.32 | J | 0.50 | 0.15 |
| 124-48-1 | Dibromochloromethane | 208.28 | 0.20 | U | 0.20 | 0.063 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 0.20 | U | 0.20 | 0.042 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.20 | U | 0.20 | 0.044 |
| 100-41-4 | Ethylbenzene | 106.17 | 1.8 | | 0.20 | 0.069 |
| 179601-23-1 | m,p-Xylene | 106.17 | 7.3 | | 0.50 | 0.095 |
| 95-47-6 | o-Xylene | 106.17 | 1.8 | | 0.20 | 0.063 |
| 100-42-5 | Styrene | 104.15 | 0.20 | U | 0.20 | 0.059 |
| 75-25-2 | Bromoform | 252.75 | 0.20 | U | 0.20 | 0.12 |
| 98-82-8 | Cumene | 120.19 | 0.20 | U | 0.20 | 0.041 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 0.20 | U | 0.20 | 0.043 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.20 | U | 0.20 | 0.047 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.20 | U | 0.20 | 0.049 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.20 | U | 0.20 | 0.047 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 0.20 | U | 0.20 | 0.046 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID: RX-18-01  Lab Sample ID: 200-76885-3

Matrix: Air  Lab File ID: 63948-15.d

Analysis Method: TO-15  Date Collected: 02/05/2025 12:02

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 19:34

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.047 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.20 | U | 0.20 | 0.080 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.045 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 0.20 | U | 0.20 | 0.061 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.074 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.089 |
| 100-44-7 | Benzyl chloride | 126.58 | 0.20 | U | 0.20 | 0.088 |
| 104-51-8 | n-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.11 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.066 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 0.50 | U | 0.50 | 0.33 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 0.20 | U | 0.20 | 0.11 |
| 91-20-3 | Naphthalene | 128.17 | 0.38 | U | 0.38 | 0.30 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d
Lims ID: 200-76885-A-3
Client ID: RX-18-01
Sample Type: Client
Inject. Date: 10-Feb-2025 19:34:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-015
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 10:14:31 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 10:14:31

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 2 Dichlorodifluoromethane | 85 | 4.158 | 4.158 | 0.000 | 99 | 23658 | 0.5228 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.195 | 0.005 | 97 | 8421 | 0.3029 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | ND | MU |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.006 | 98 | 5541 | 0.3172 | |
| 6 Vinyl chloride | 62 | | 4.906 | | | | ND | |
| 7 Butane | 43 | 4.912 | 4.914 | 0.000 | 98 | 243355 | 10.1 | |
| 8 Butadiene | 54 | 5.019 | 5.021 | 0.000 | 94 | 27573 | 1.93 | |
| 9 Bromomethane | 94 | | 5.762 | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | ND | |
| 14 Trichlorofluoromethane | 101 | 6.715 | 6.726 | 0.000 | 98 | 13427 | 0.3083 | |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 7.999 | 8.007 | -0.005 | 65 | 3503 | 0.0849 | |
| 22 Acetone | 43 | 8.041 | 8.041 | 0.000 | 96 | 279233 | 10.7 | |
| 23 Isopropyl alcohol | 45 | 8.421 | 8.421 | 0.021 | 95 | 40508 | 1.48 | M |
| 24 Carbon disulfide | 76 | 8.443 | 8.459 | -0.005 | 100 | 40663 | 0.7009 | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.069 | 0.000 | 90 | 5039 | 0.2253 | |
| 28 2-Methyl-2-propanol | 59 | 9.331 | 9.319 | 0.016 | 97 | 95457 | 2.69 | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | 9.694 | 9.694 | 0.021 | 81 | 2350 | 0.0462 | M |
| 32 Hexane | 57 | 10.278 | 10.282 | 0.000 | 92 | 13281 | 0.4380 | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | ND | |
| 36 2-Butanone (MEK) | 72 | 11.685 | 11.706 | 0.011 | 99 | 27293 | 2.81 | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.171 | 0.006 | 95 | 152003 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | 7 |
| 41 Chloroform | 83 | 12.369 | 12.375 | 0.000 | 96 | 7289 | 0.1833 | |
| 42 1,1,1-Trichloroethane | 97 | | 12.712 | | | | ND | |
| 43 Cyclohexane | 84 | 12.883 | 12.878 | 0.005 | 92 | 2496 | 0.0942 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.028 | 0.006 | 96 | 2994 | 0.0798 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.006 | 96 | 80229 | 1.27 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|
| 46 1,2-Dichloroethane | 62 | | 13.471 | | | | ND | |
| 47 Isooctane | 57 | 13.637 | 13.643 | 0.005 | 97 | 12274 | 0.1290 | |
| 48 n-Heptane | 43 | 13.958 | 13.958 | 0.000 | 90 | 16730 | 0.5145 | M |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 95 | 744396 | 10.0 | |
| 51 Trichloroethene | 95 | 14.664 | 14.654 | 0.010 | 83 | 500 | 0.0185 | |
| 53 1,2-Dichloropropane | 63 | | 15.135 | | | | ND | |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | MU |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | |
| 58 Dichlorobromomethane | 83 | | 15.622 | | | | ND | |
| 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.724 | 16.730 | 0.011 | 97 | 17165 | 0.4355 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 266465 | 6.08 | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | | 17.944 | | | | ND | MU |
| 68 Tetrachloroethene | 166 | 18.174 | 18.184 | 0.006 | 88 | 1228 | 0.0313 | |
| 69 2-Hexanone | 43 | 18.356 | 18.356 | 0.016 | 93 | 11771 | 0.3184 | M |
| 70 Chlorodibromomethane | 129 | | 18.714 | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.971 | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 19.896 | 19.902 | -0.006 | 87 | 668230 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.961 | | | | ND | |
| 75 Ethylbenzene | 91 | 20.142 | 20.137 | 0.000 | 98 | 179708 | 1.84 | |
| 76 m-Xylene & p-Xylene | 106 | 20.389 | 20.394 | -0.005 | 0 | 277308 | 7.26 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 62110 | 1.76 | |
| 79 Styrene | 104 | | 21.137 | | | | ND | MU |
| 81 Bromoform | 173 | | 21.458 | | | | ND | |
| 82 Isopropylbenzene | 105 | 21.737 | 21.737 | 0.011 | 79 | 2675 | 0.0255 | M |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | ND | 7 |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.005 | 98 | 2926 | 0.0220 | Ma |
| 86 2-Chlorotoluene | 91 | | 22.534 | | | | ND | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.571 | 0.005 | 95 | 2784 | 0.0257 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.657 | 0.000 | 77 | 2274 | 0.0247 | |
| 91 tert-Butylbenzene | 119 | | 23.112 | | | | ND | 7 |
| 92 1,2,4-Trimethylbenzene | 105 | 23.203 | 23.203 | 0.010 | 95 | 6781 | 0.0751 | M |
| 93 sec-Butylbenzene | 105 | | 23.432 | | | | ND | |
| 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | ND | 7 |
| 95 4-Isopropyltoluene | 119 | 23.641 | 23.641 | -0.005 | 53 | 1203 | 0.0104 | M |
| 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | ND | 7 |
| 97 Benzyl chloride | 91 | | 23.919 | | | | ND | 7 |
| 98 n-Butylbenzene | 91 | | 24.246 | | | | ND | 7 |
| 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | ND | |
| 103 Hexachlorobutadiene | 225 | | 27.290 | | | | ND | |
| 104 Naphthalene | 128 | | 27.573 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags
M - Manually Integrated
U - Marked Undetected
a - User Assigned ID

## Reagents:

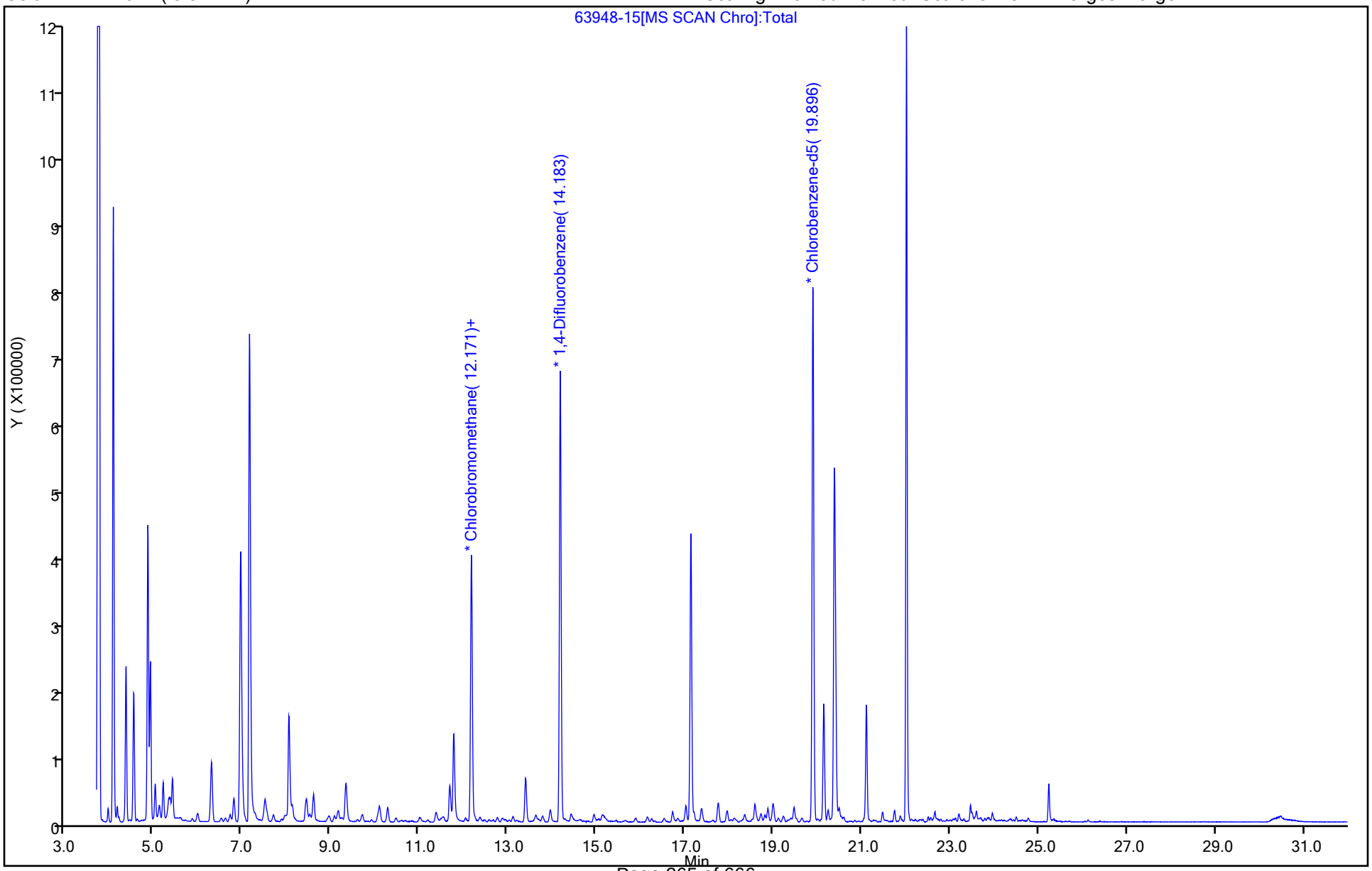
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | Worklist Smp#: | 15 |
| Client ID: | RX-18-01 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



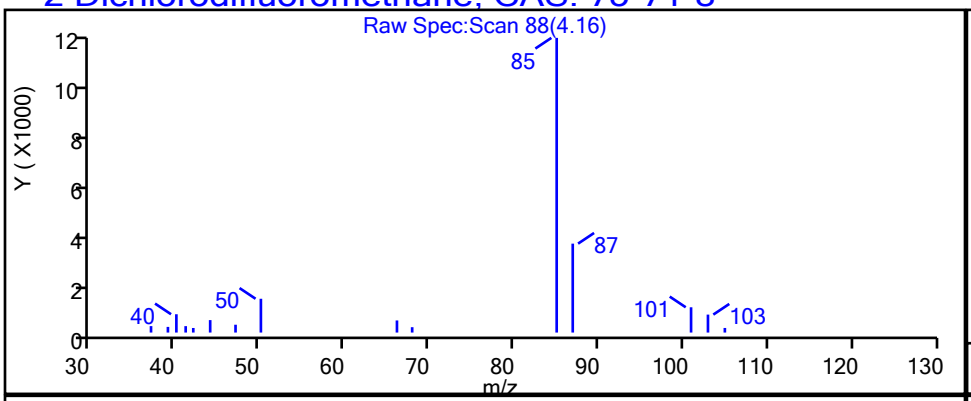
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

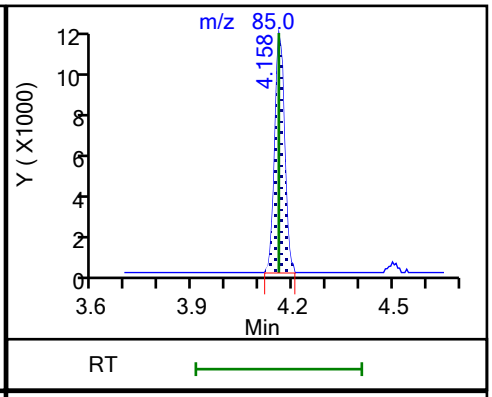
Eurofins Burlington

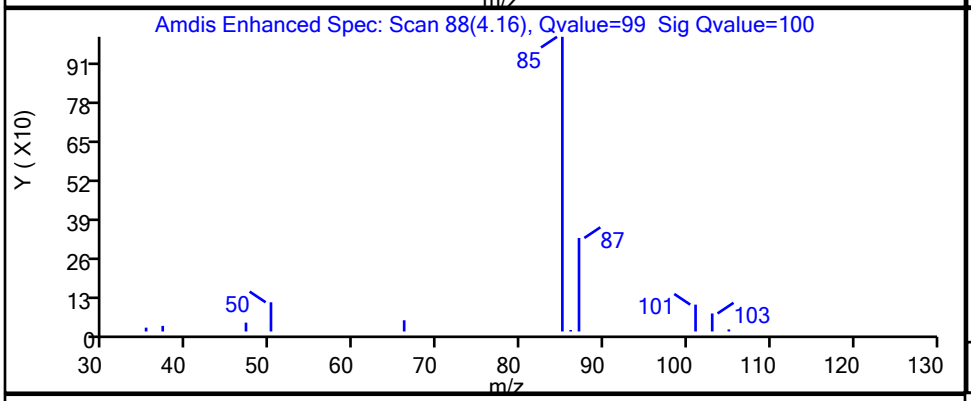
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

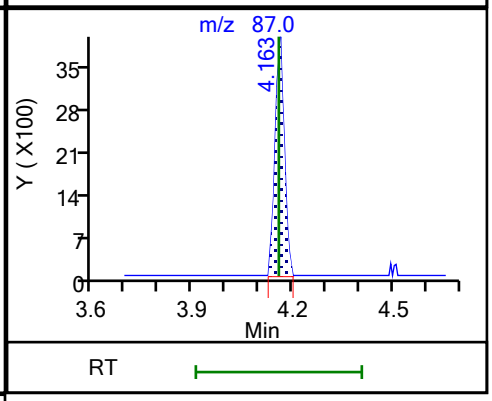
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

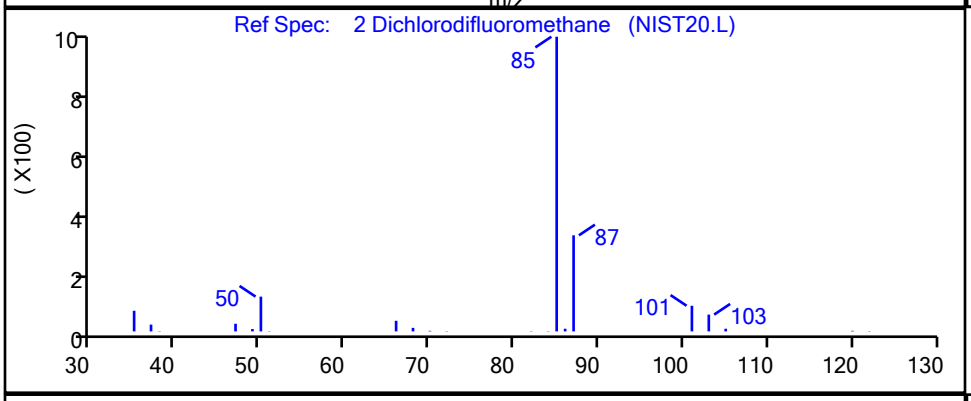
## 2 Dichlorodifluoromethane, CAS: 75-71-8

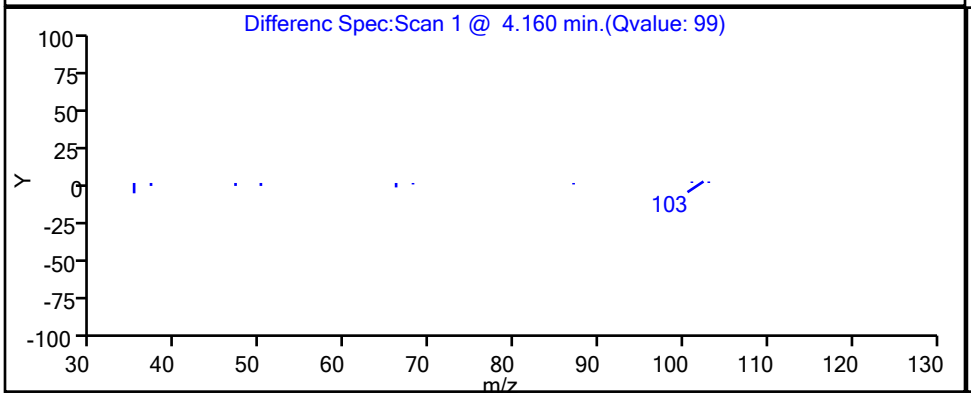


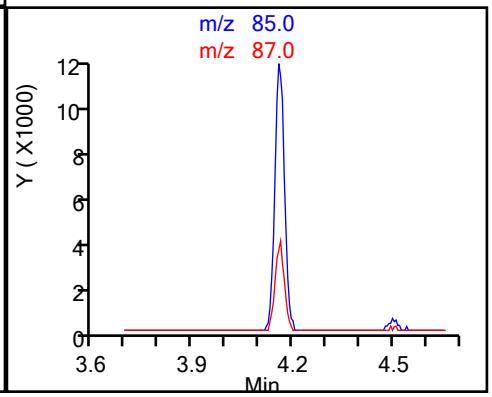



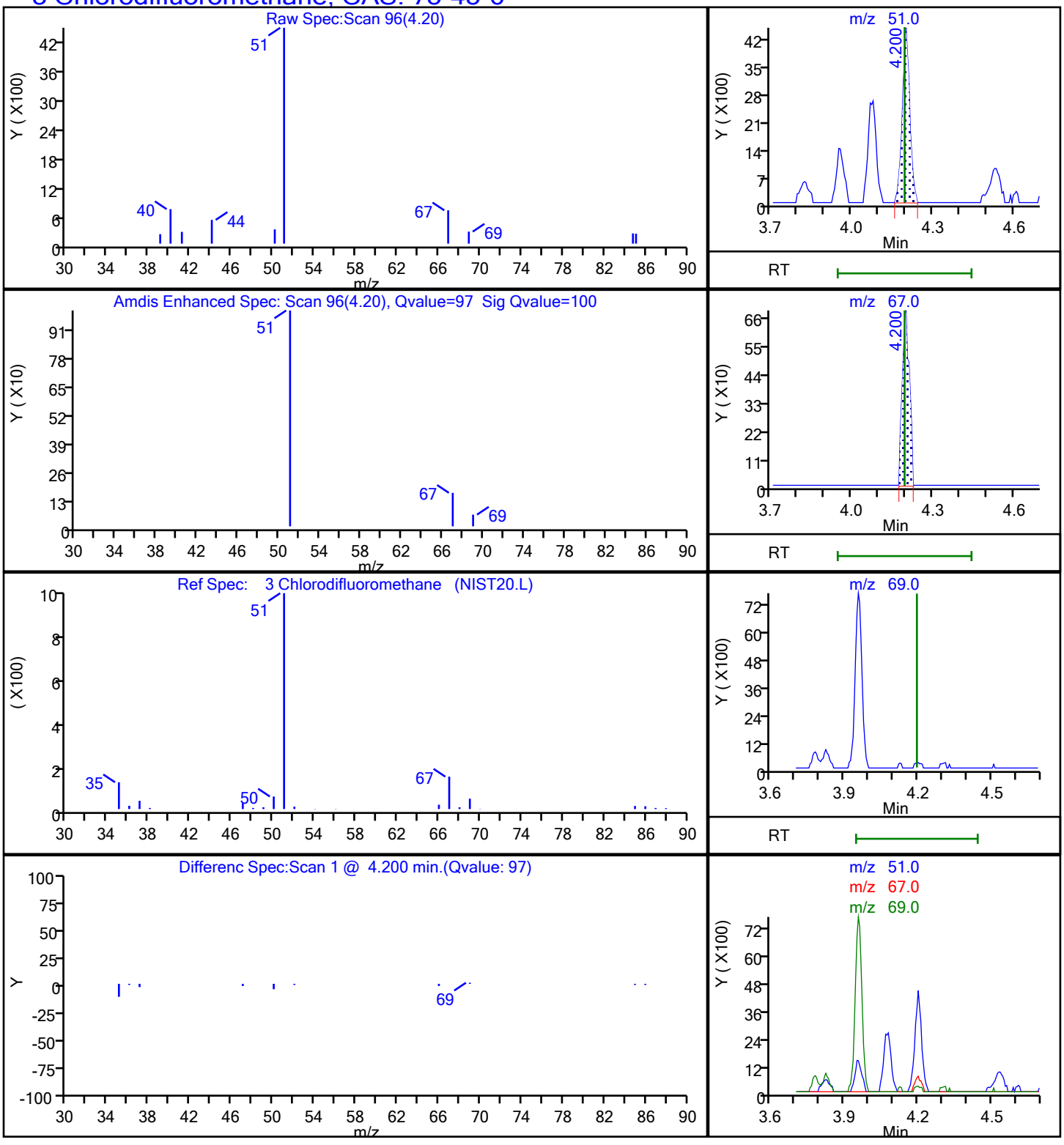
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6



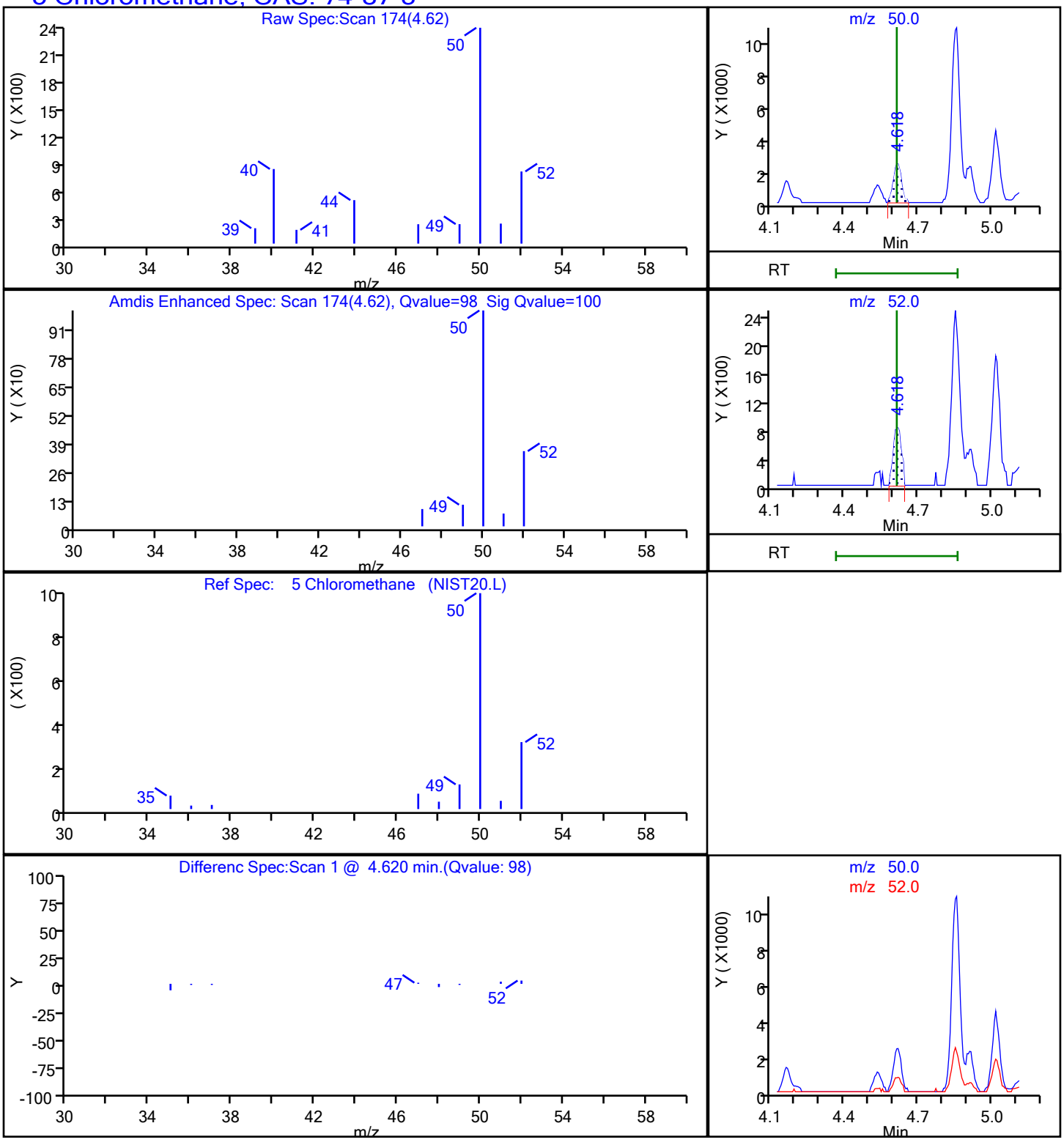
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 5 Chloromethane, CAS: 74-87-3



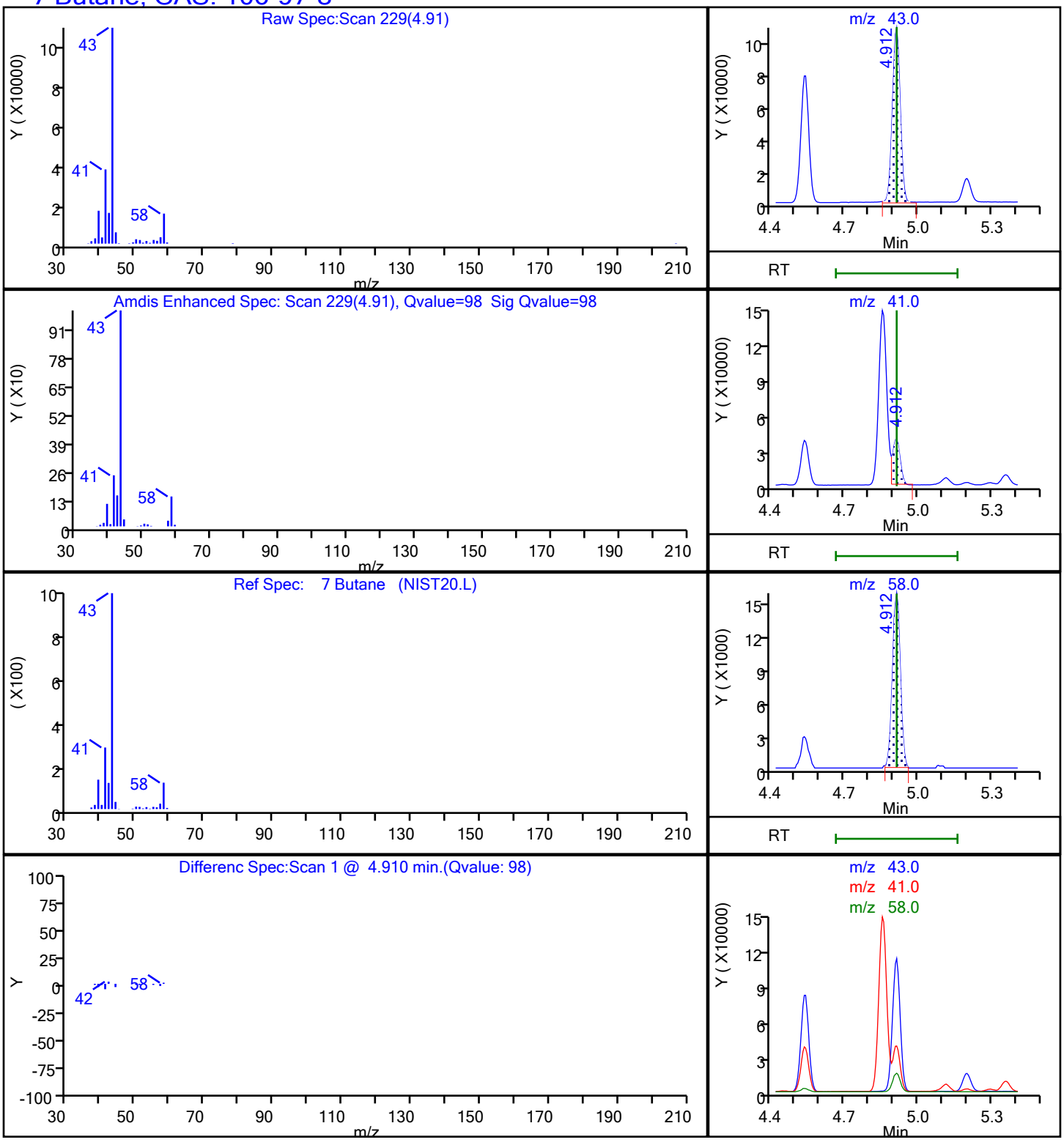
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 7 Butane, CAS: 106-97-8

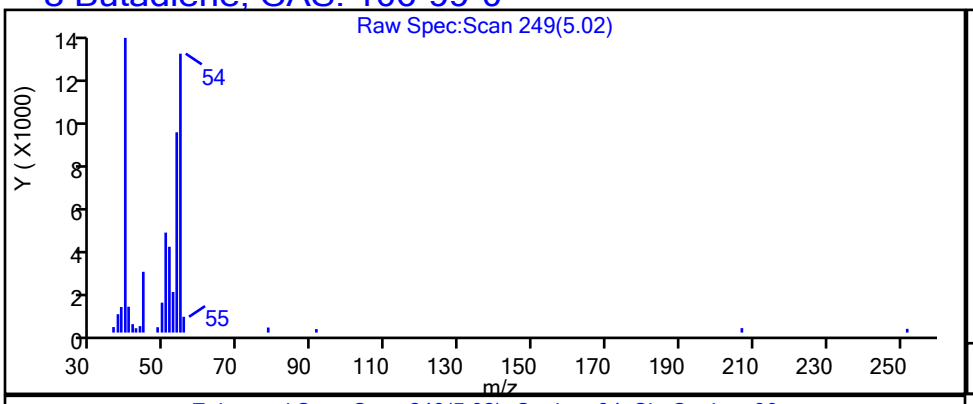


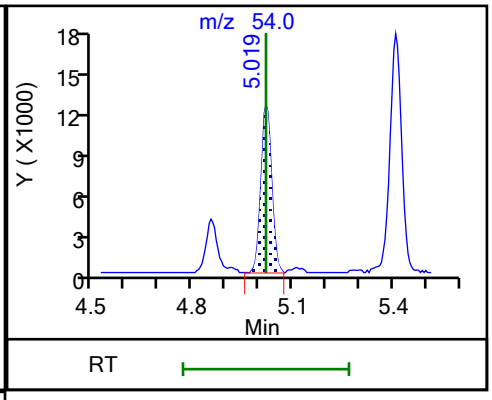
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

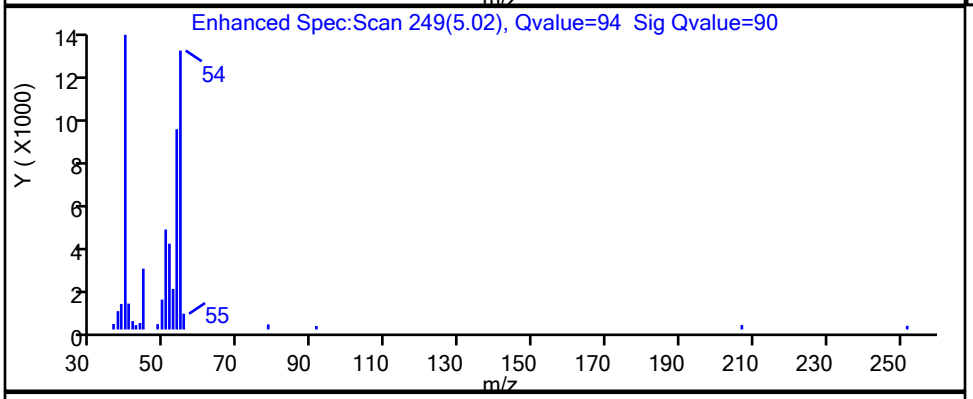
Eurofins Burlington

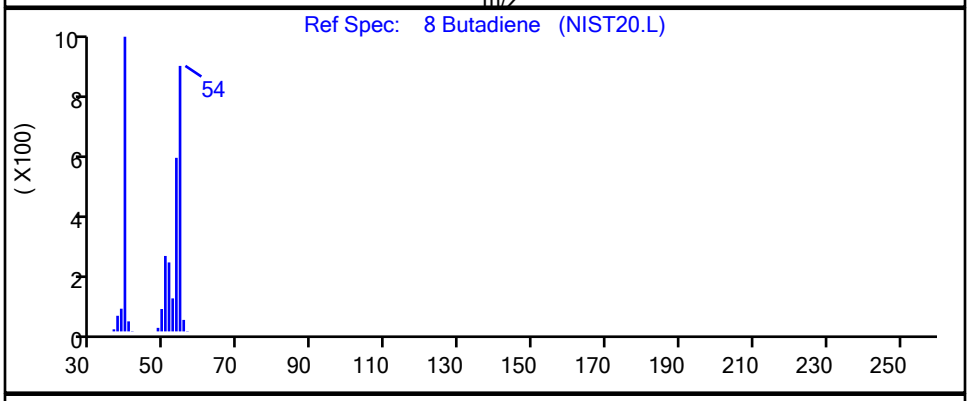
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

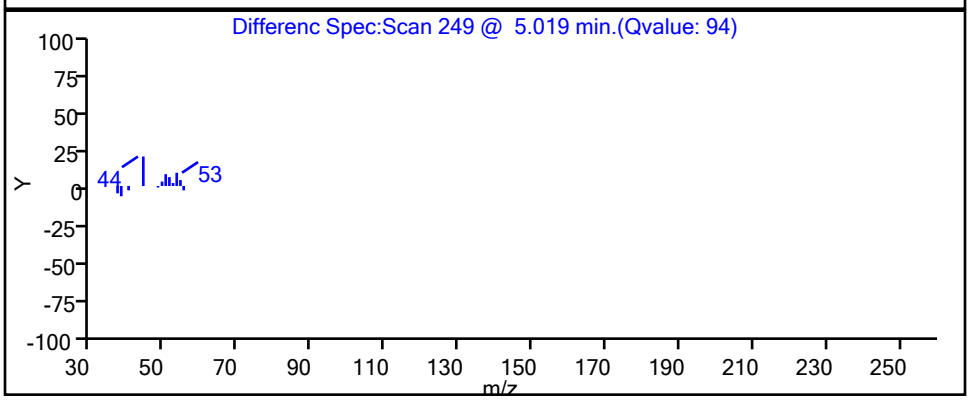
## 8 Butadiene, CAS: 106-99-0



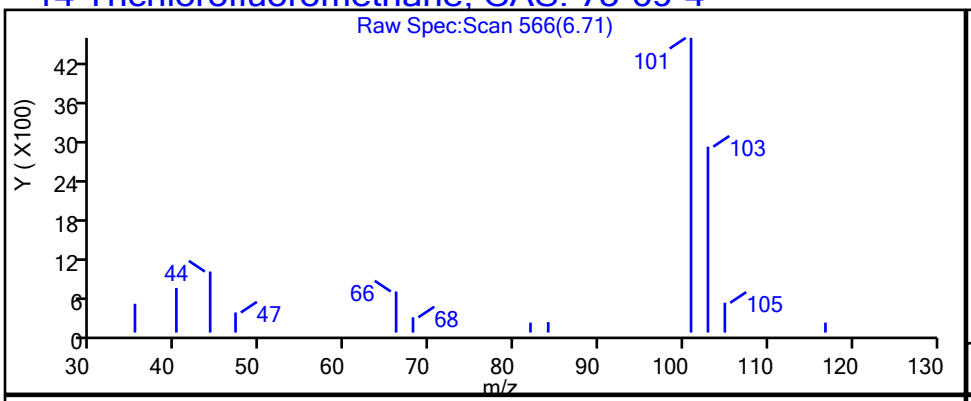
Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

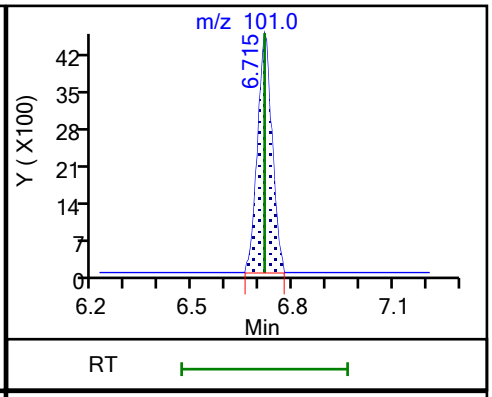
Eurofins Burlington

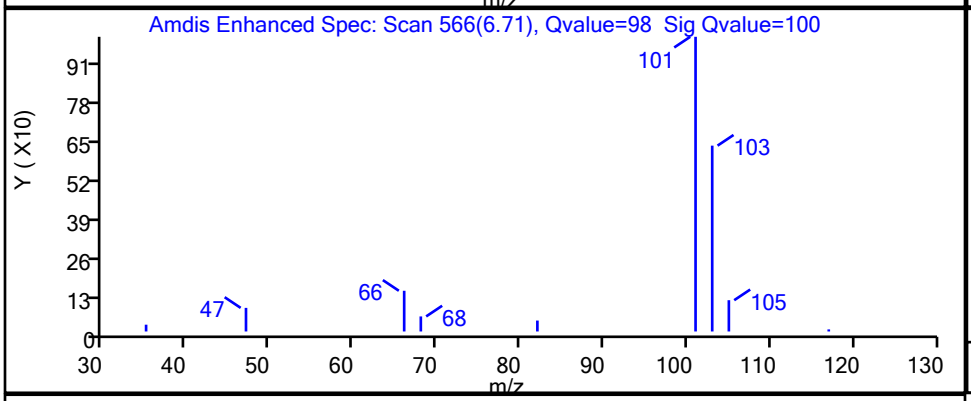
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

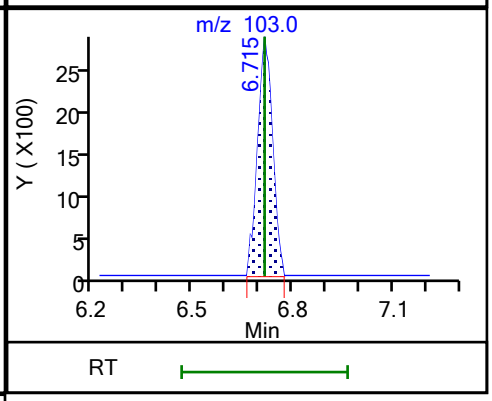
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

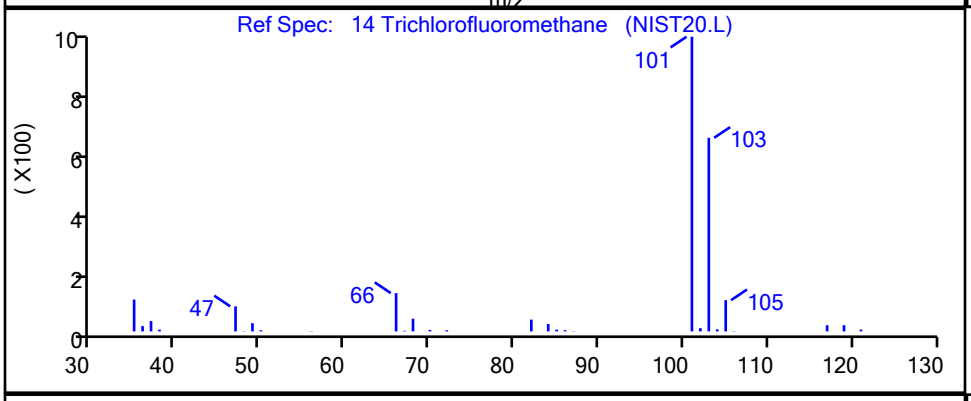
## 14 Trichlorofluoromethane, CAS: 75-69-4

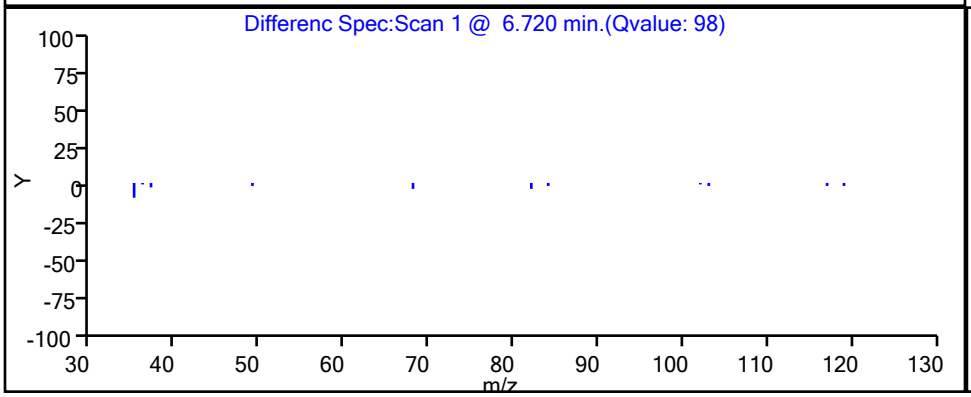


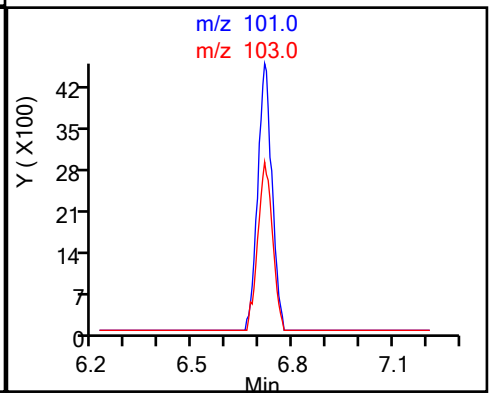



Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

Injection Date: 10-Feb-2025 19:34:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-3 Lab Sample ID: 200-76885-3

Client ID: RX-18-01

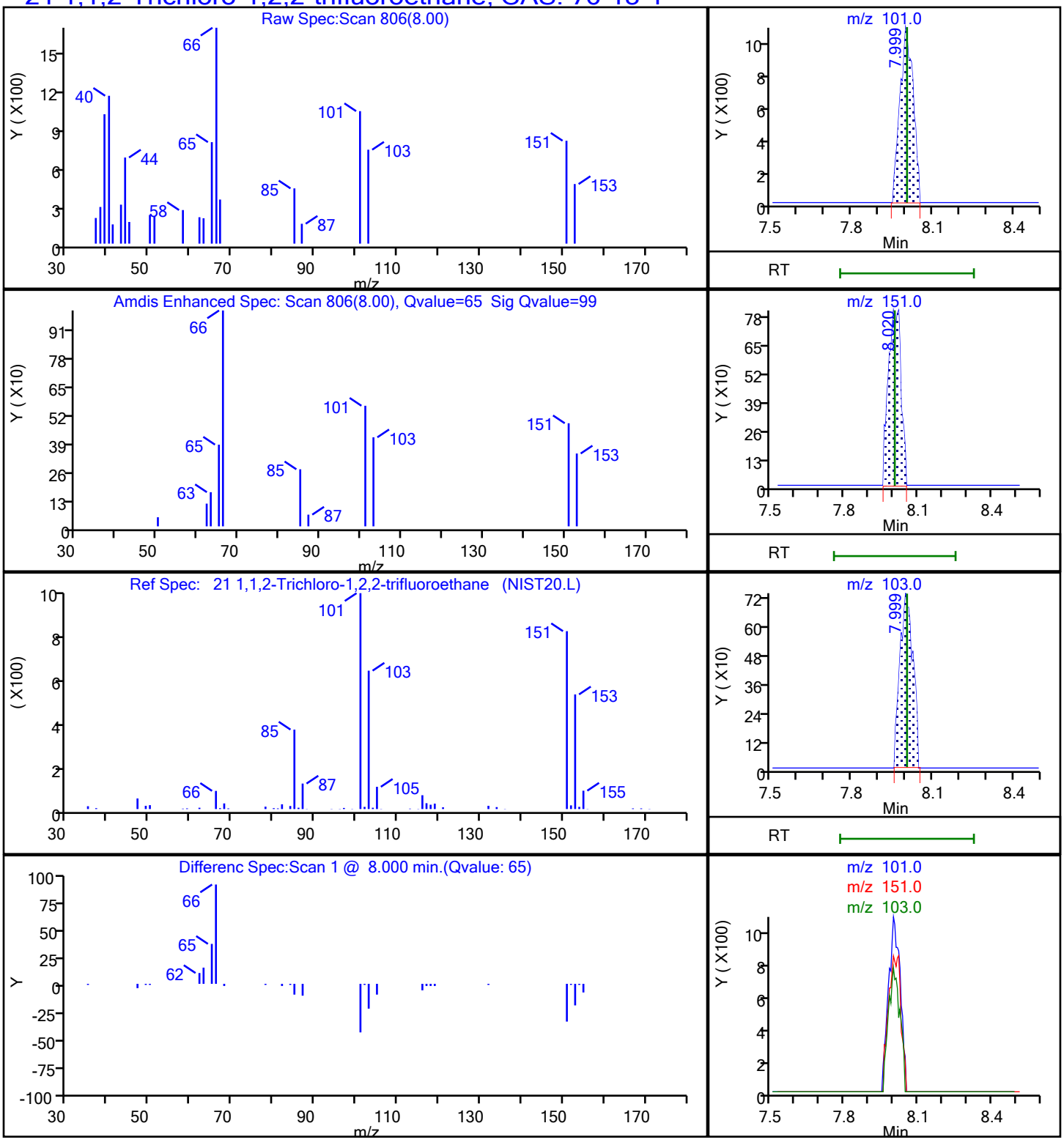
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 21 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

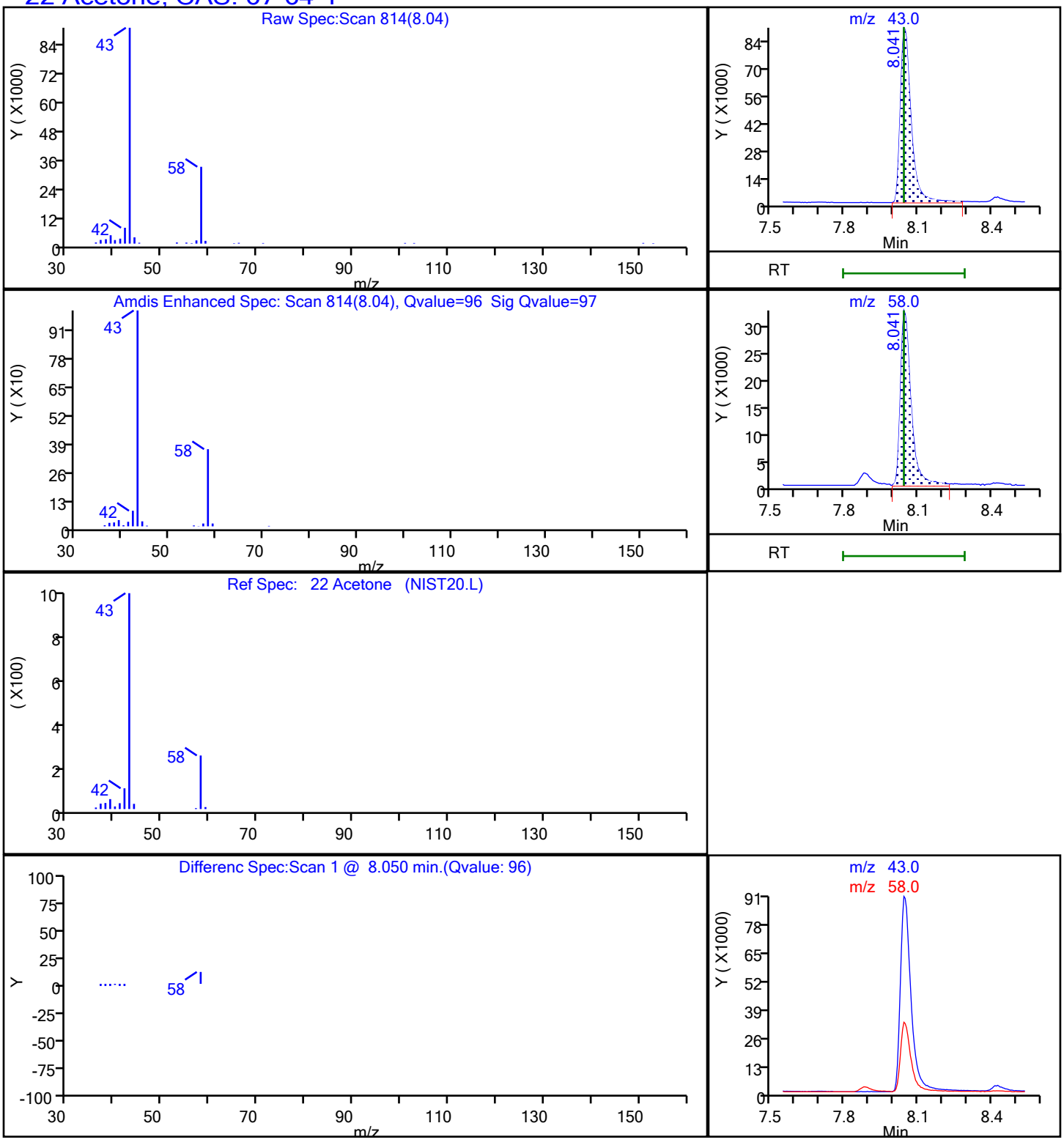


Report Date: 11-Feb-2025 10:14:31 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 22 Acetone, CAS: 67-64-1



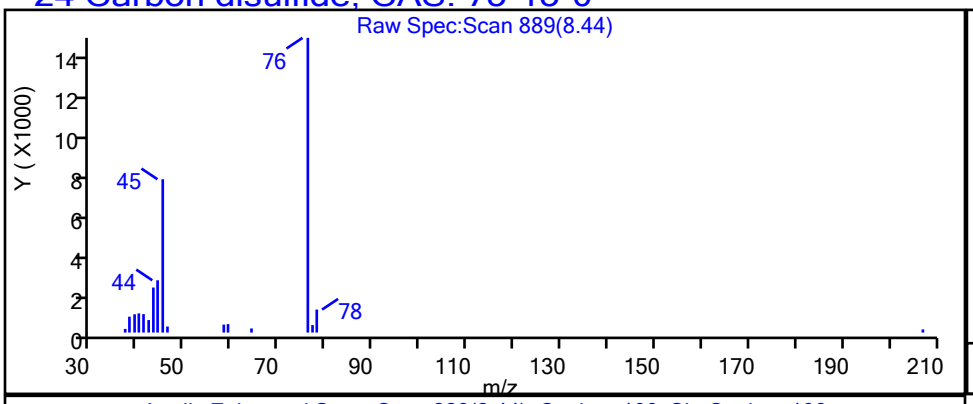
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

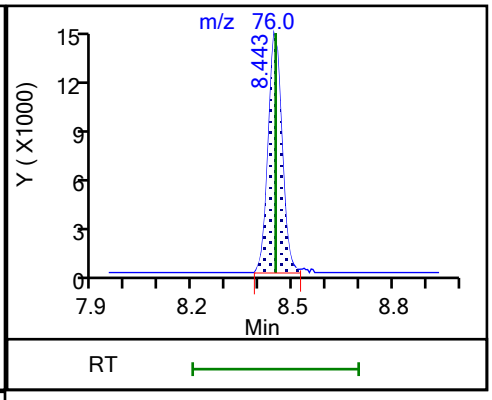
Eurofins Burlington

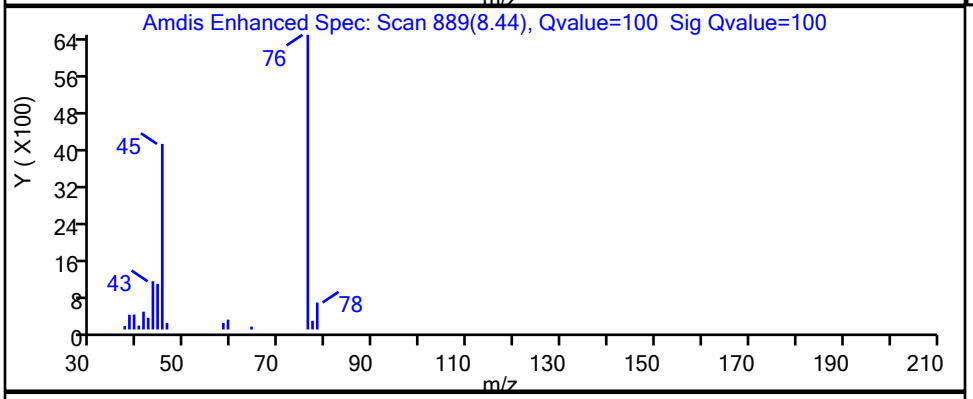
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

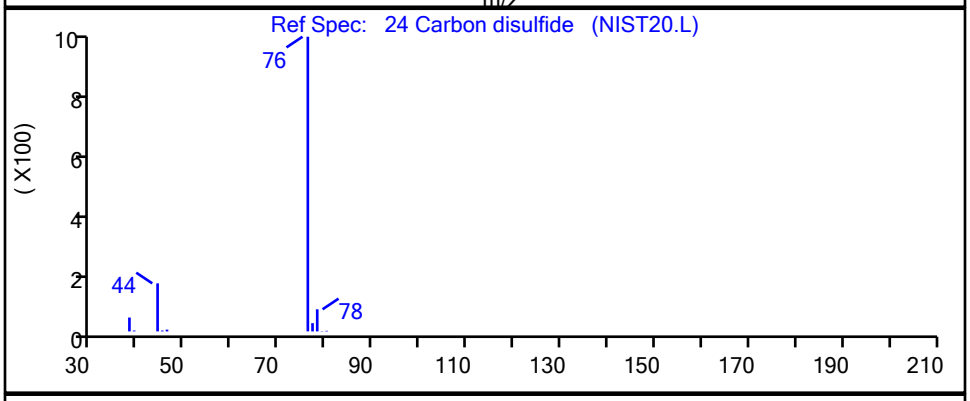
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

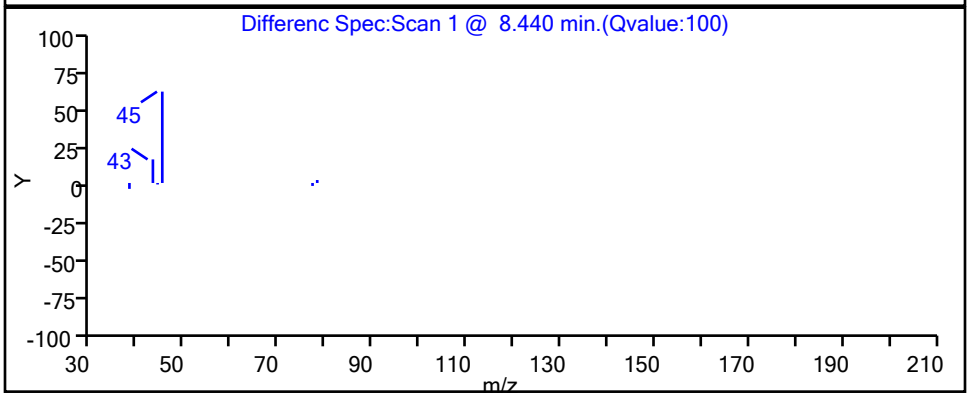
## 24 Carbon disulfide, CAS: 75-15-0



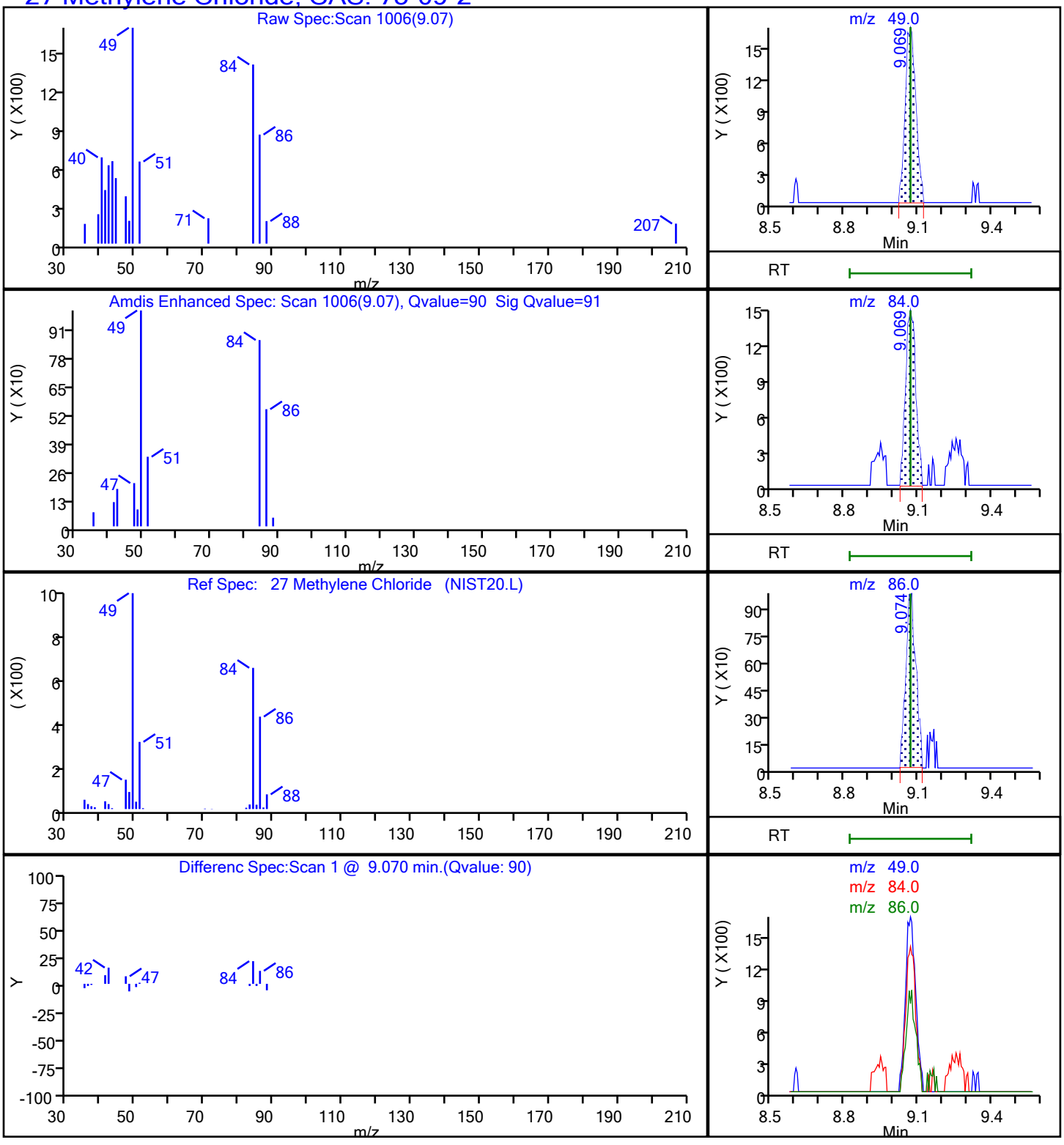
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 27 Methylene Chloride, CAS: 75-09-2



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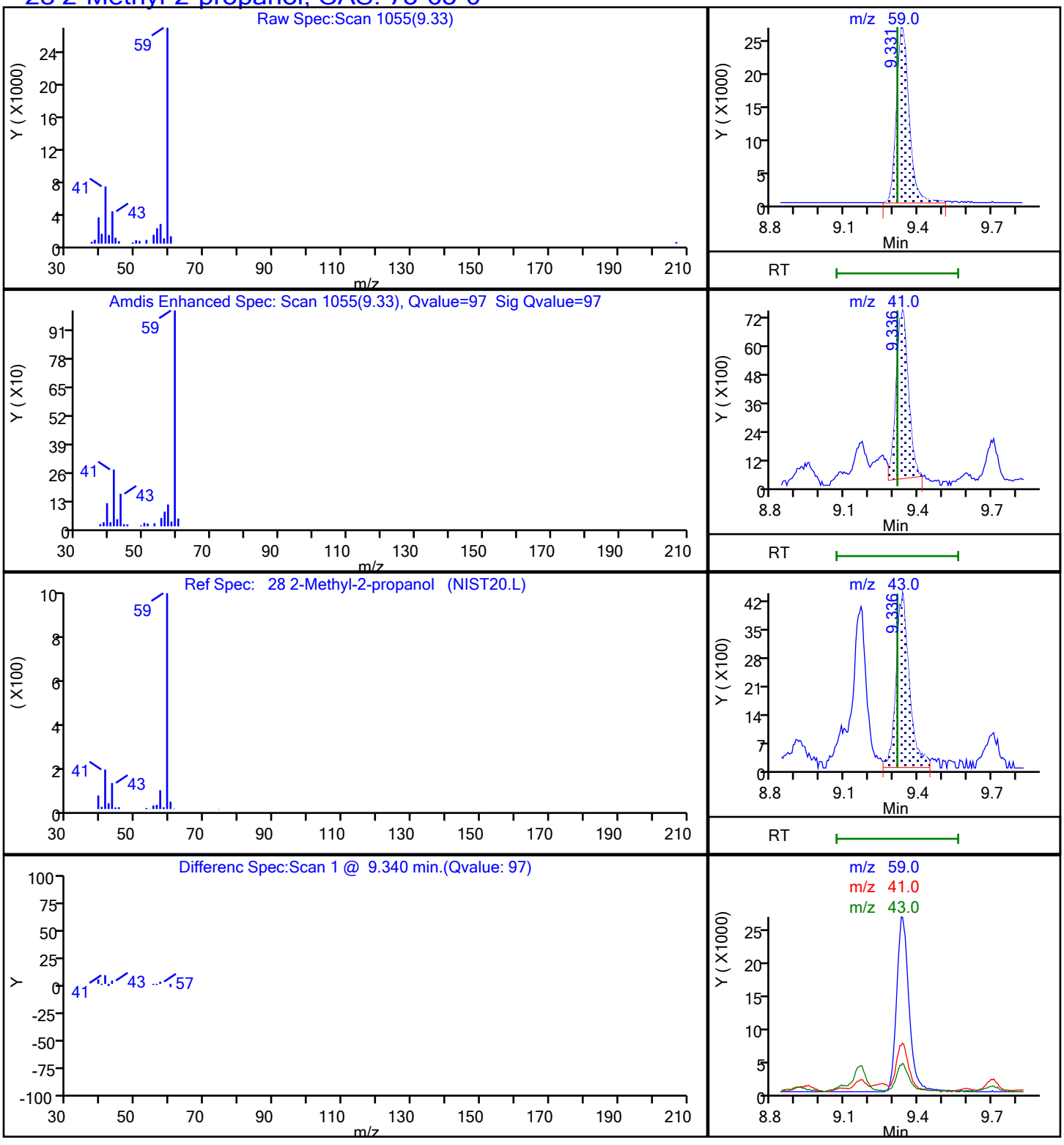
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 28 2-Methyl-2-propanol, CAS: 75-65-0



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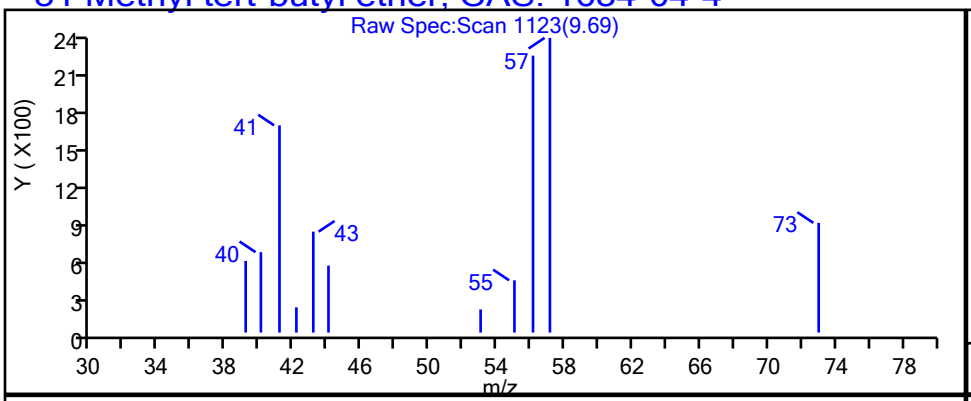
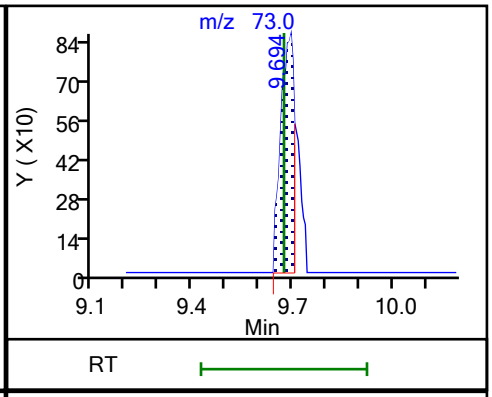
Eurofins Burlington

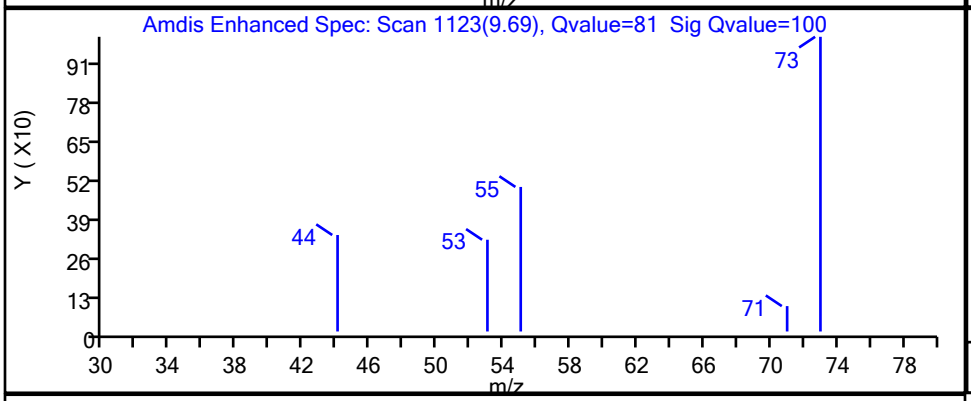
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

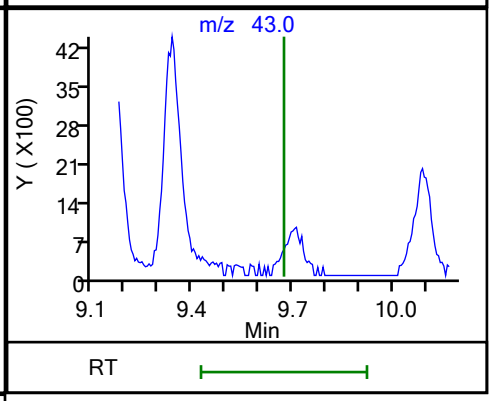
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

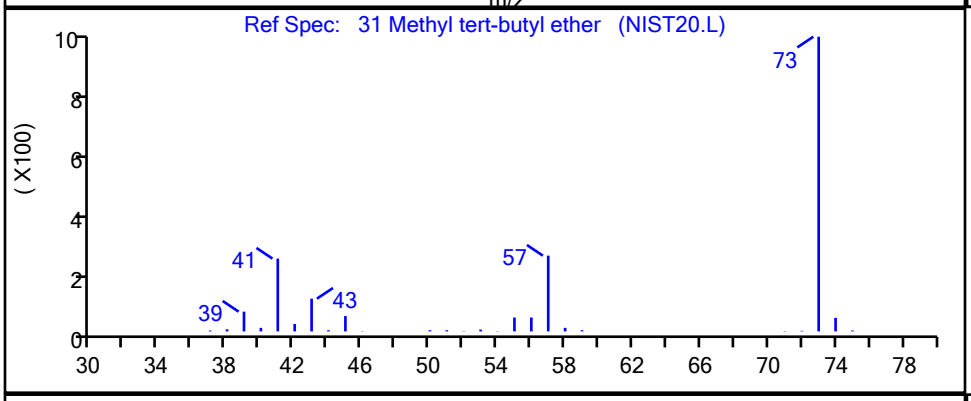
## 31 Methyl tert-butyl ether, CAS: 1634-04-4

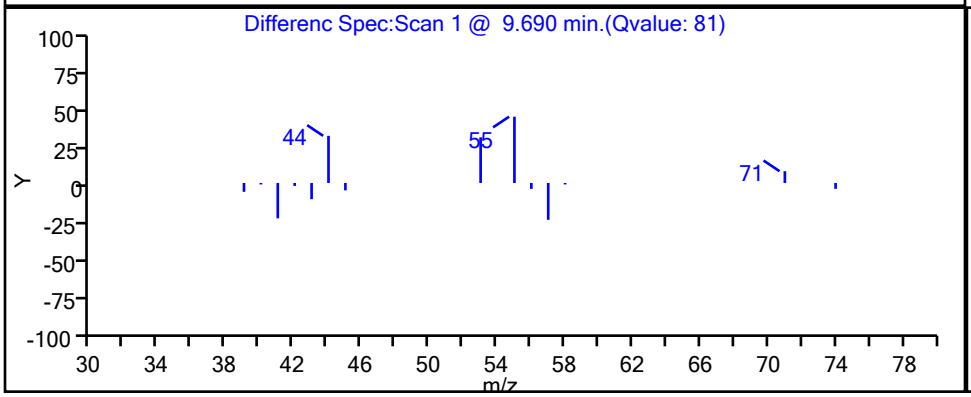


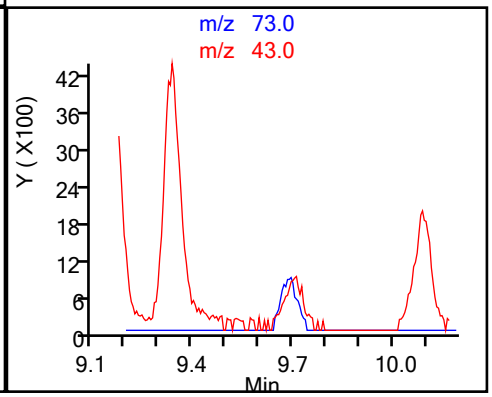



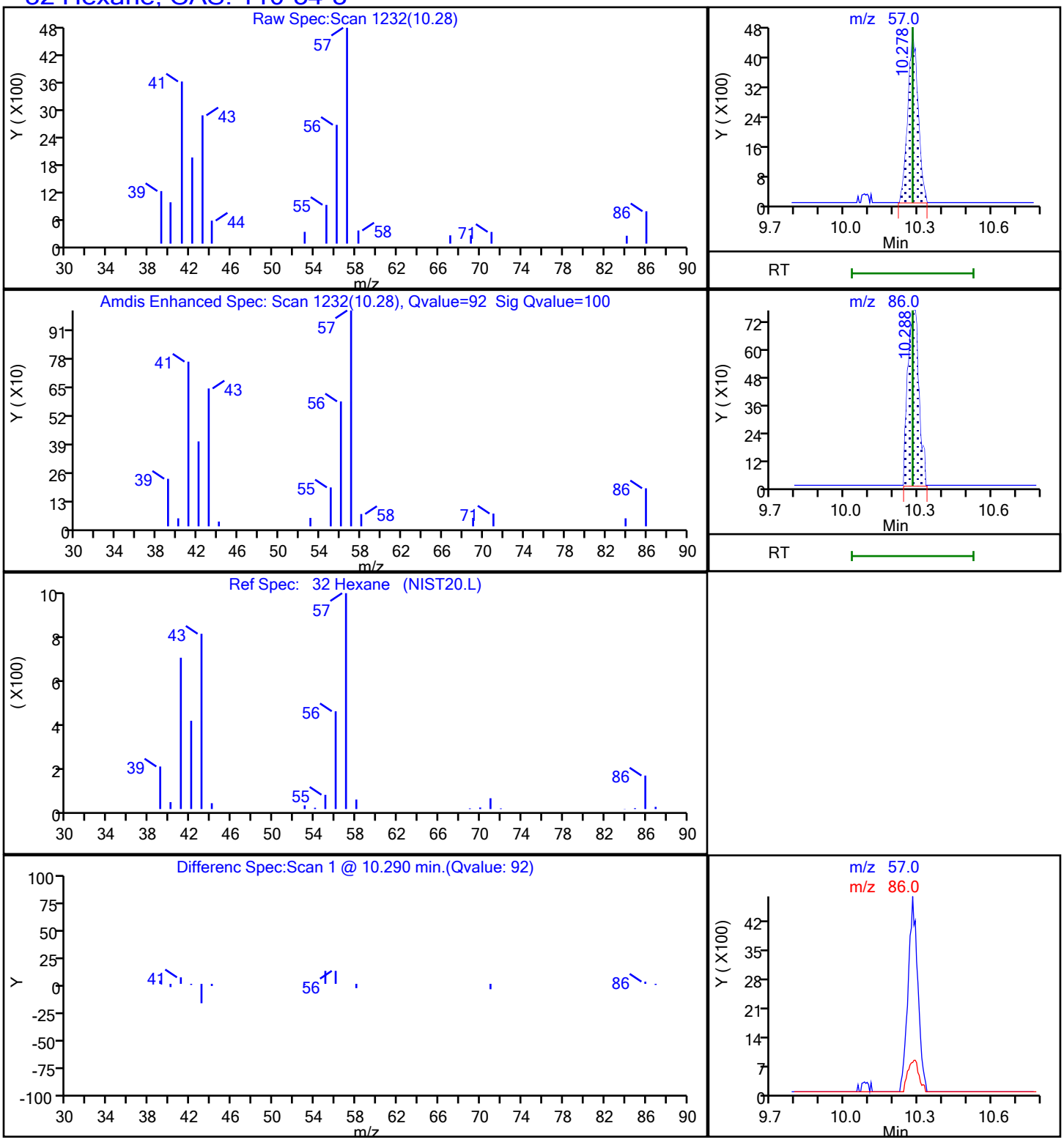
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 32 Hexane, CAS: 110-54-3



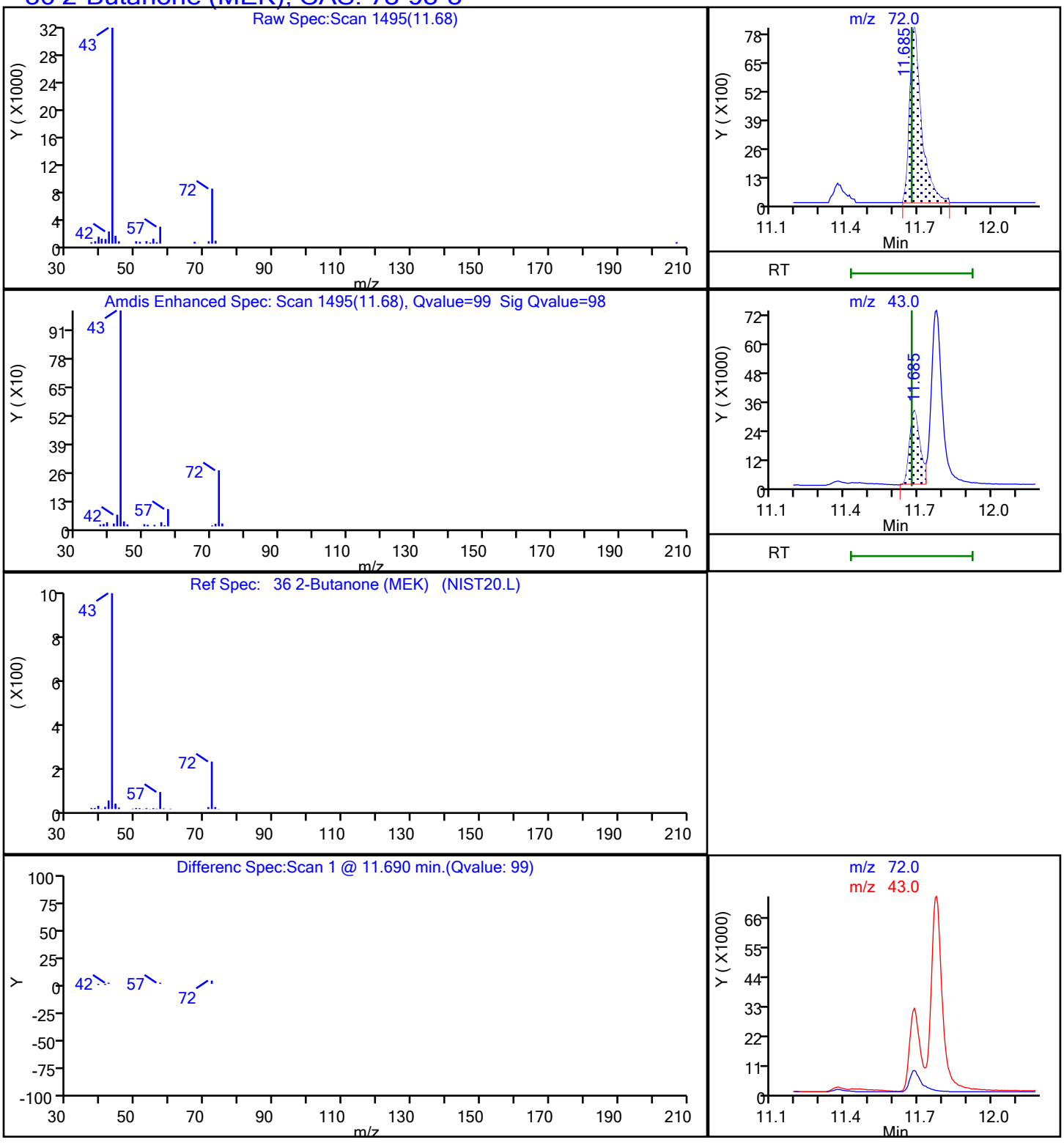
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 36 2-Butanone (MEK), CAS: 78-93-3



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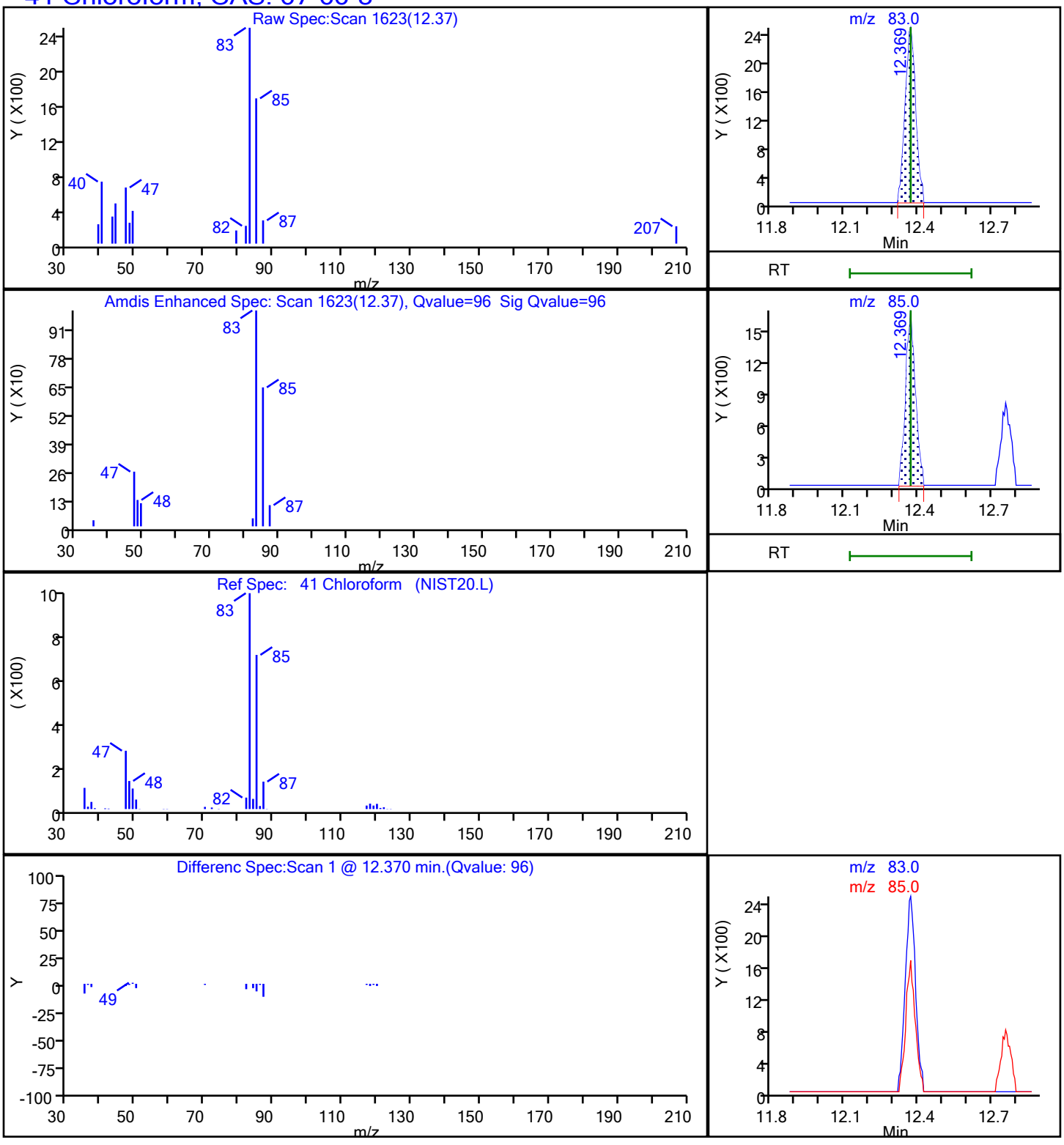
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 41 Chloroform, CAS: 67-66-3

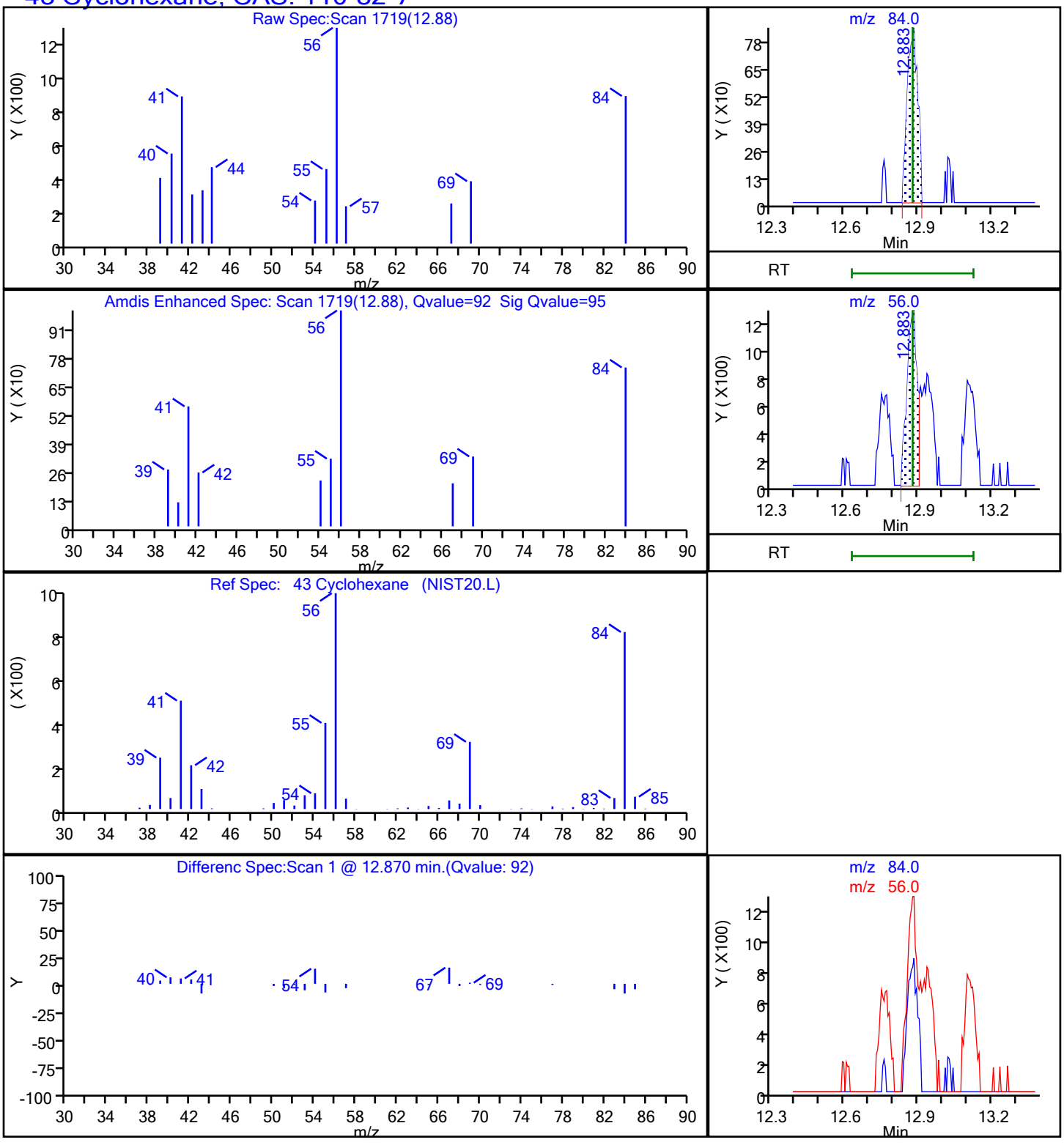


Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 43 Cyclohexane, CAS: 110-82-7



Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

Injection Date: 10-Feb-2025 19:34:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-3 Lab Sample ID: 200-76885-3

Client ID: RX-18-01

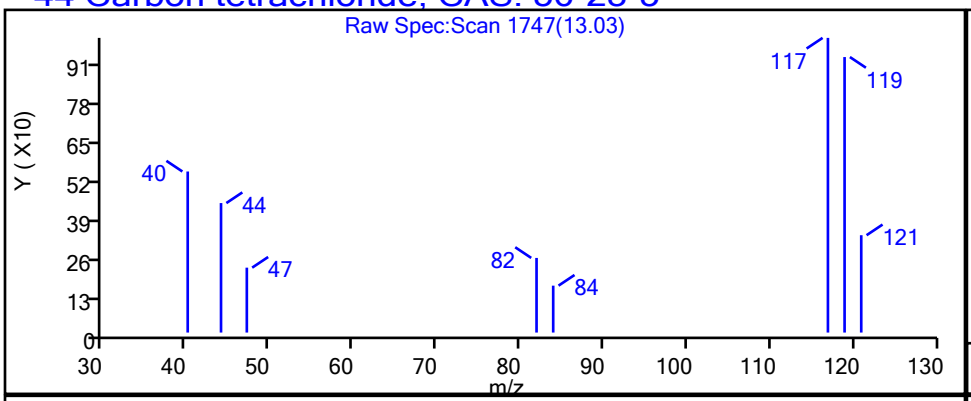
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

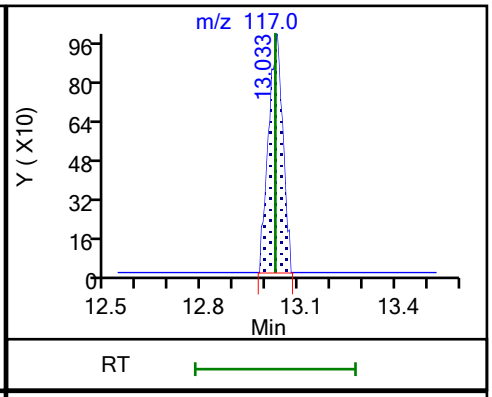
Purge Vol: 200.000 mL Dil. Factor: 1.0000

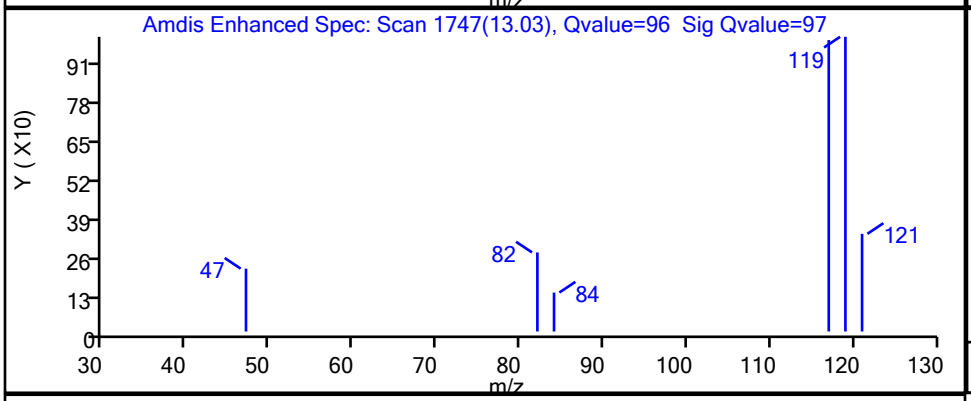
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

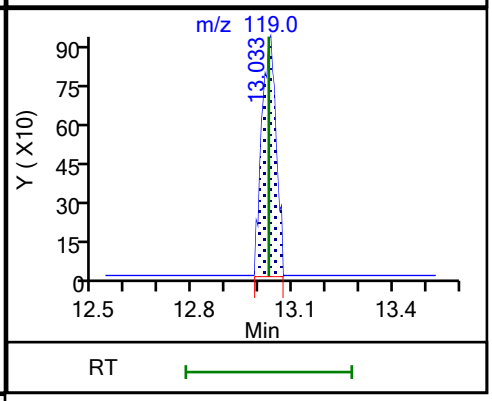
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

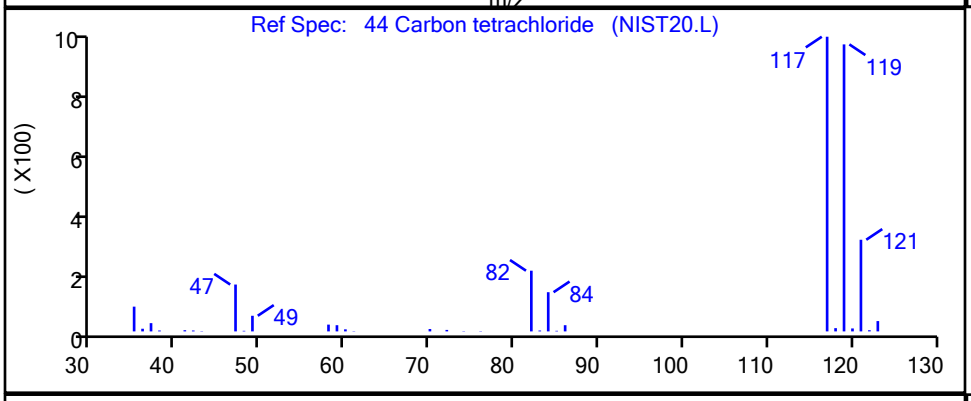
## 44 Carbon tetrachloride, CAS: 56-23-5

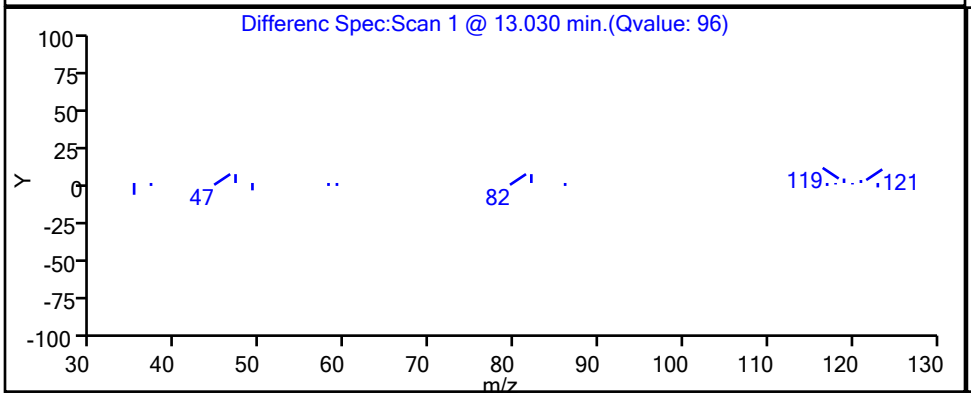


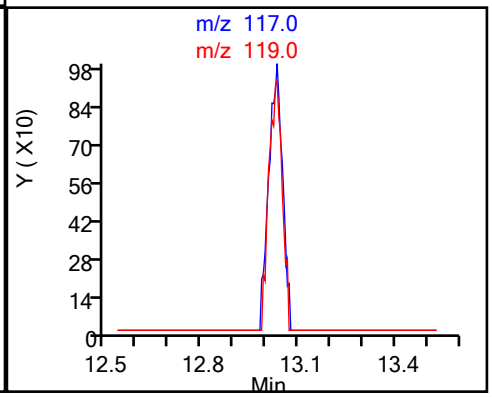



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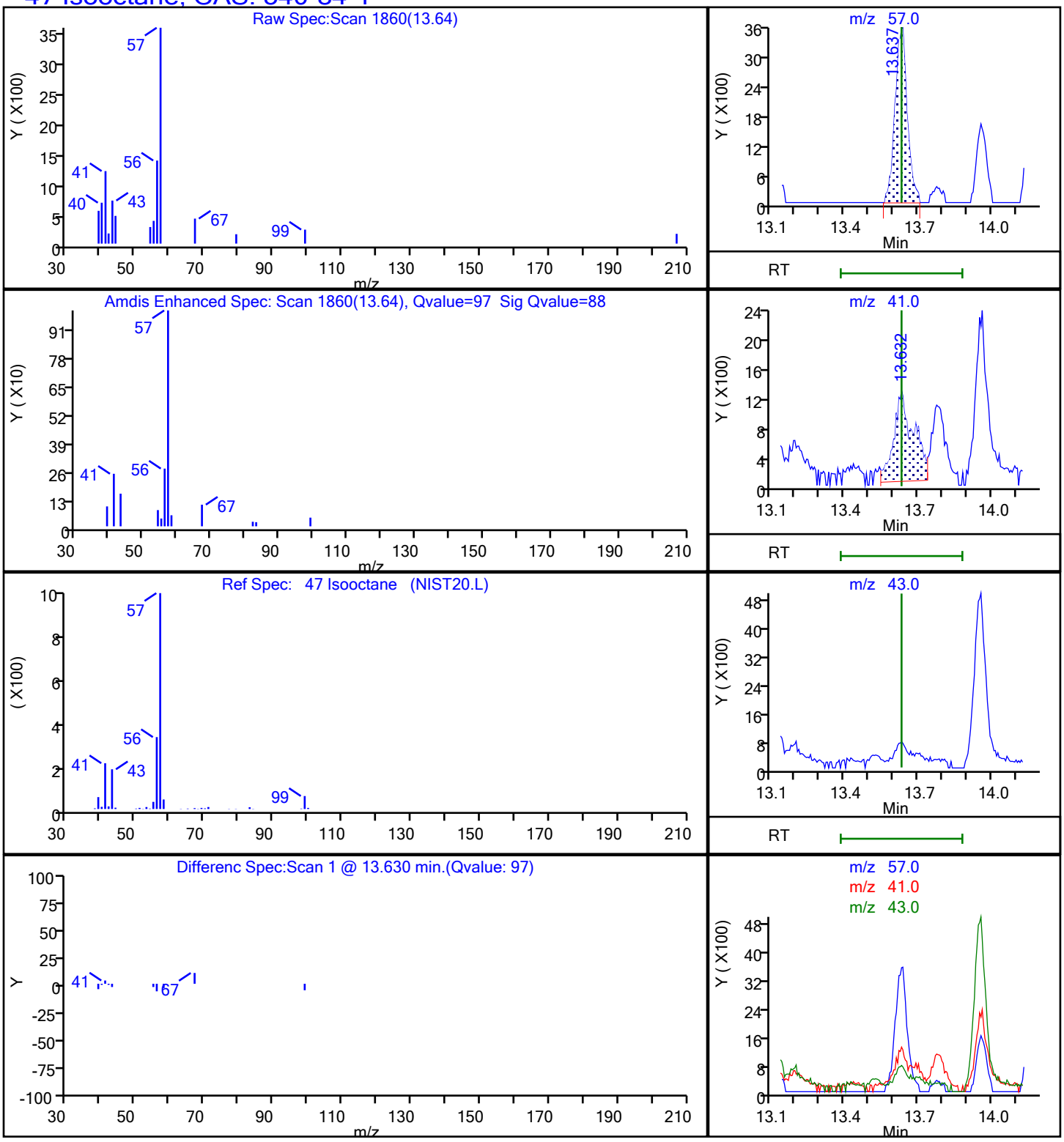
Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 47 Isooctane, CAS: 540-84-1



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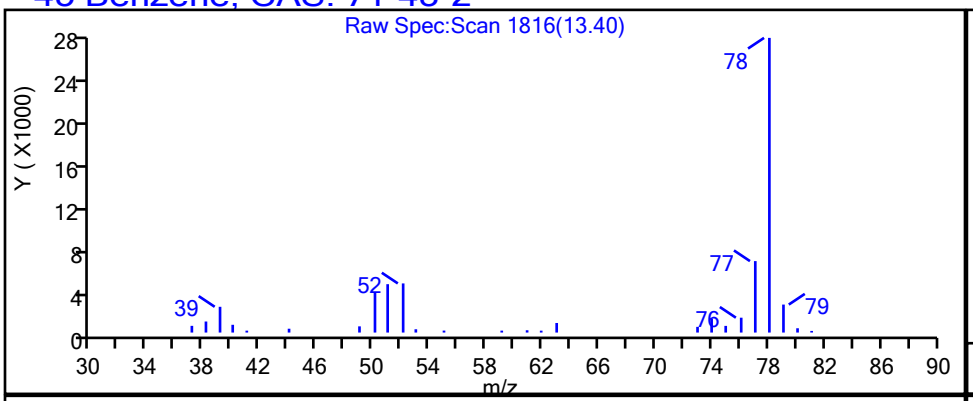
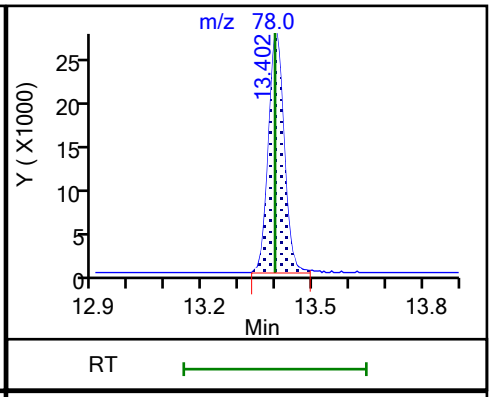
Eurofins Burlington

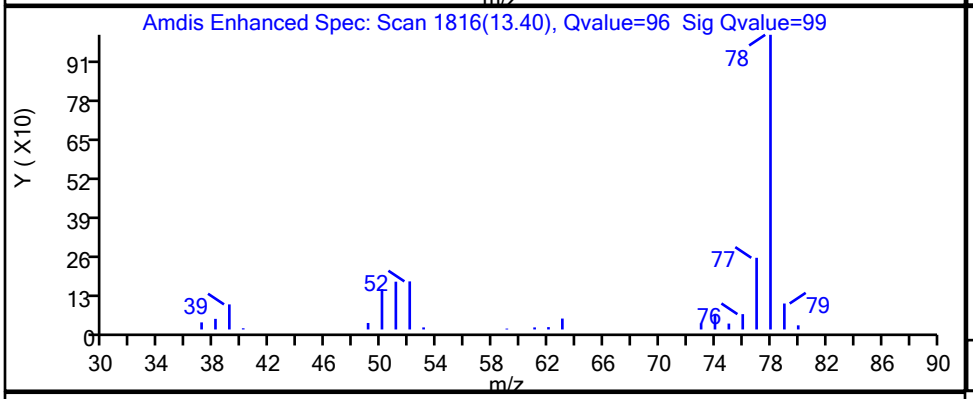
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

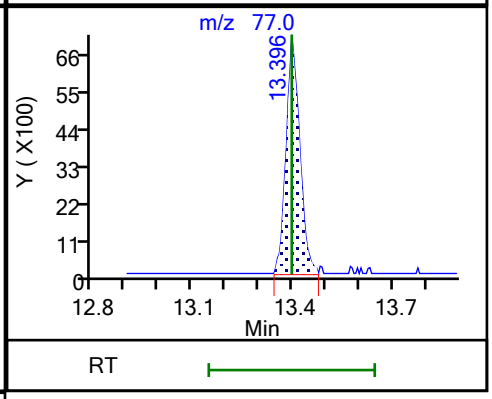
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

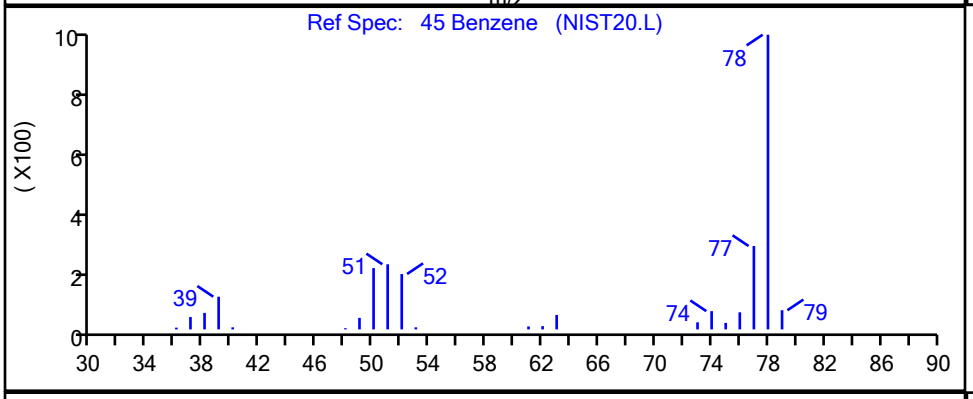
## 45 Benzene, CAS: 71-43-2

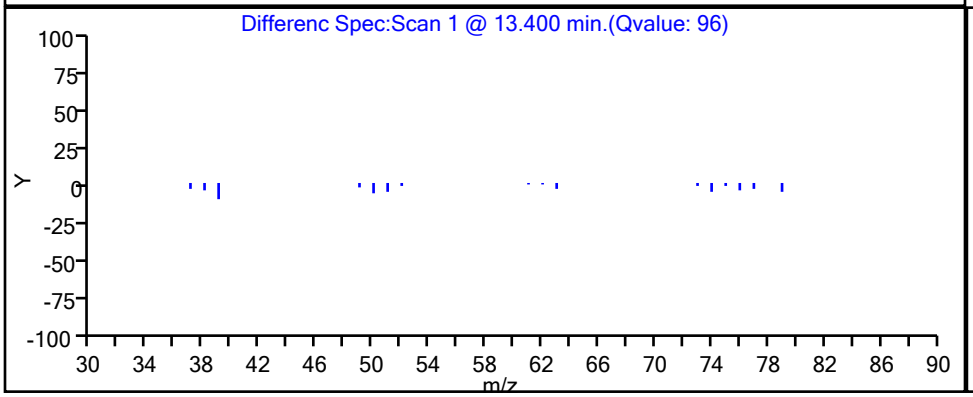


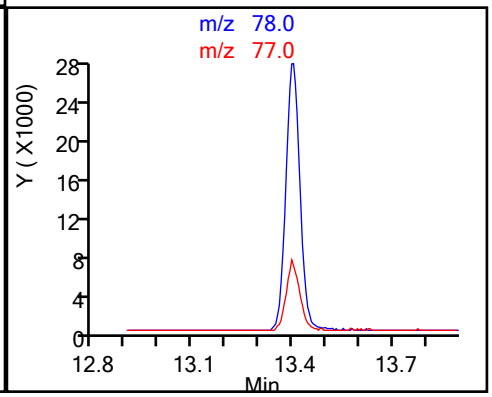



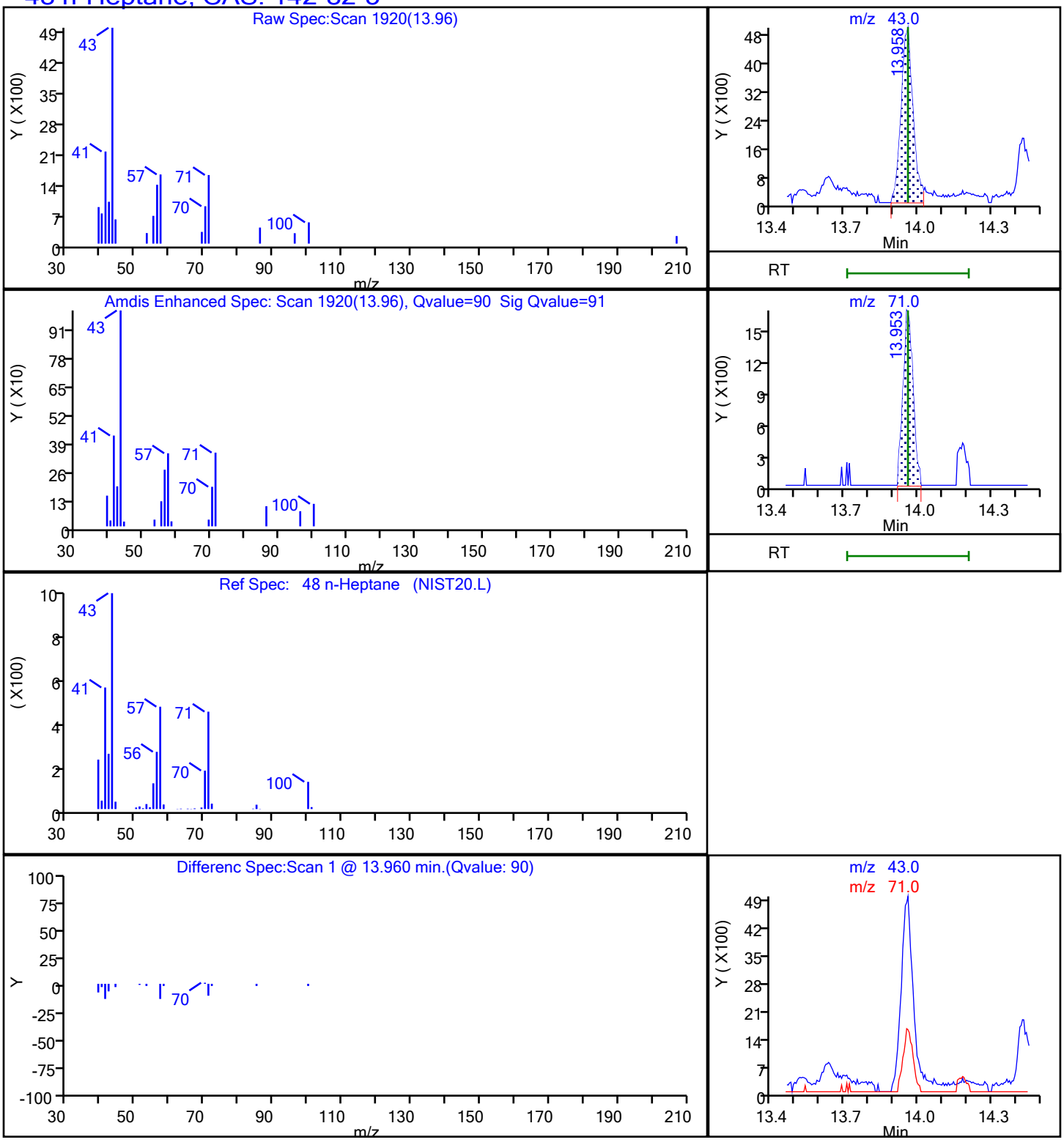
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 48 n-Heptane, CAS: 142-82-5

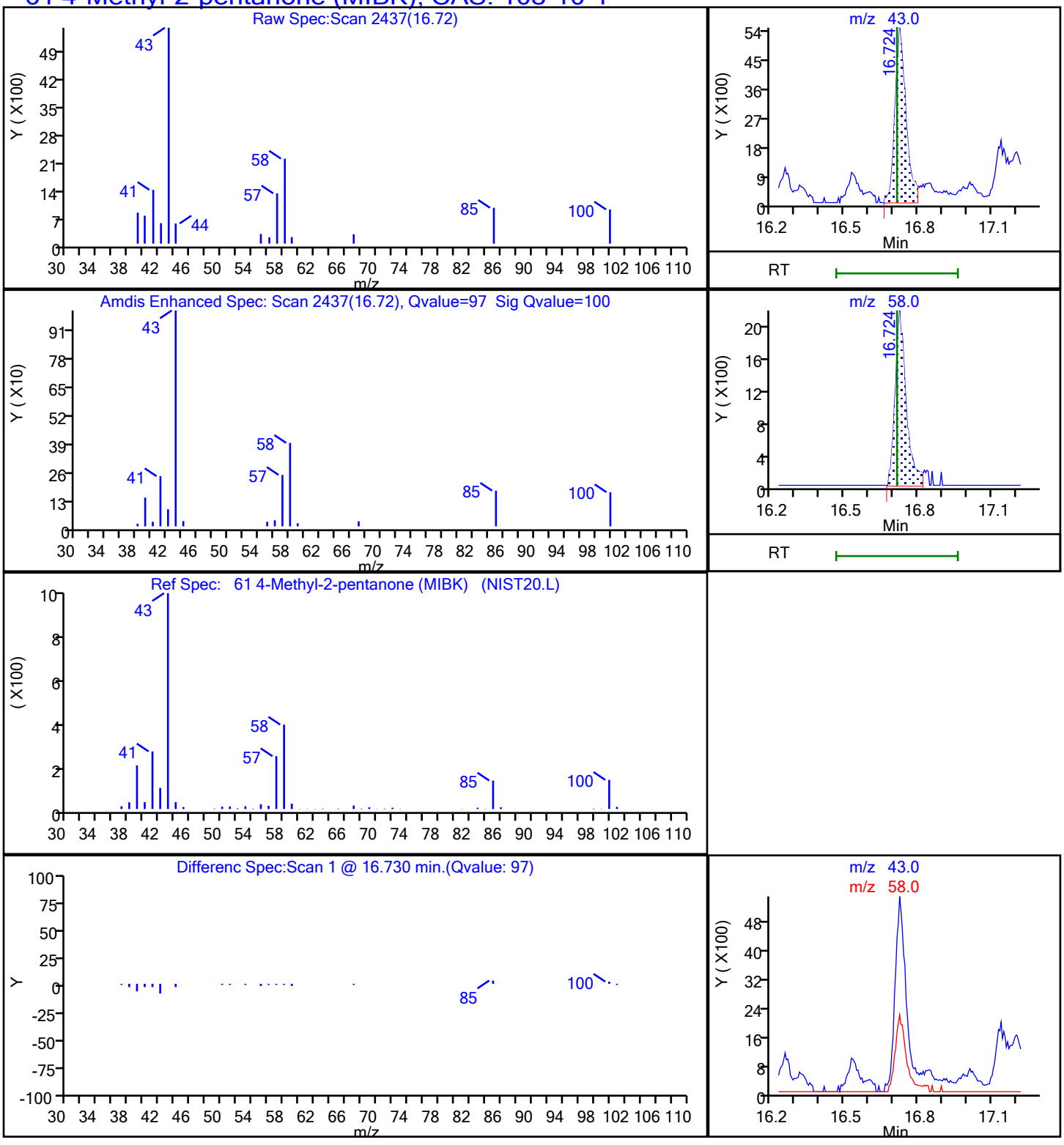


Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1



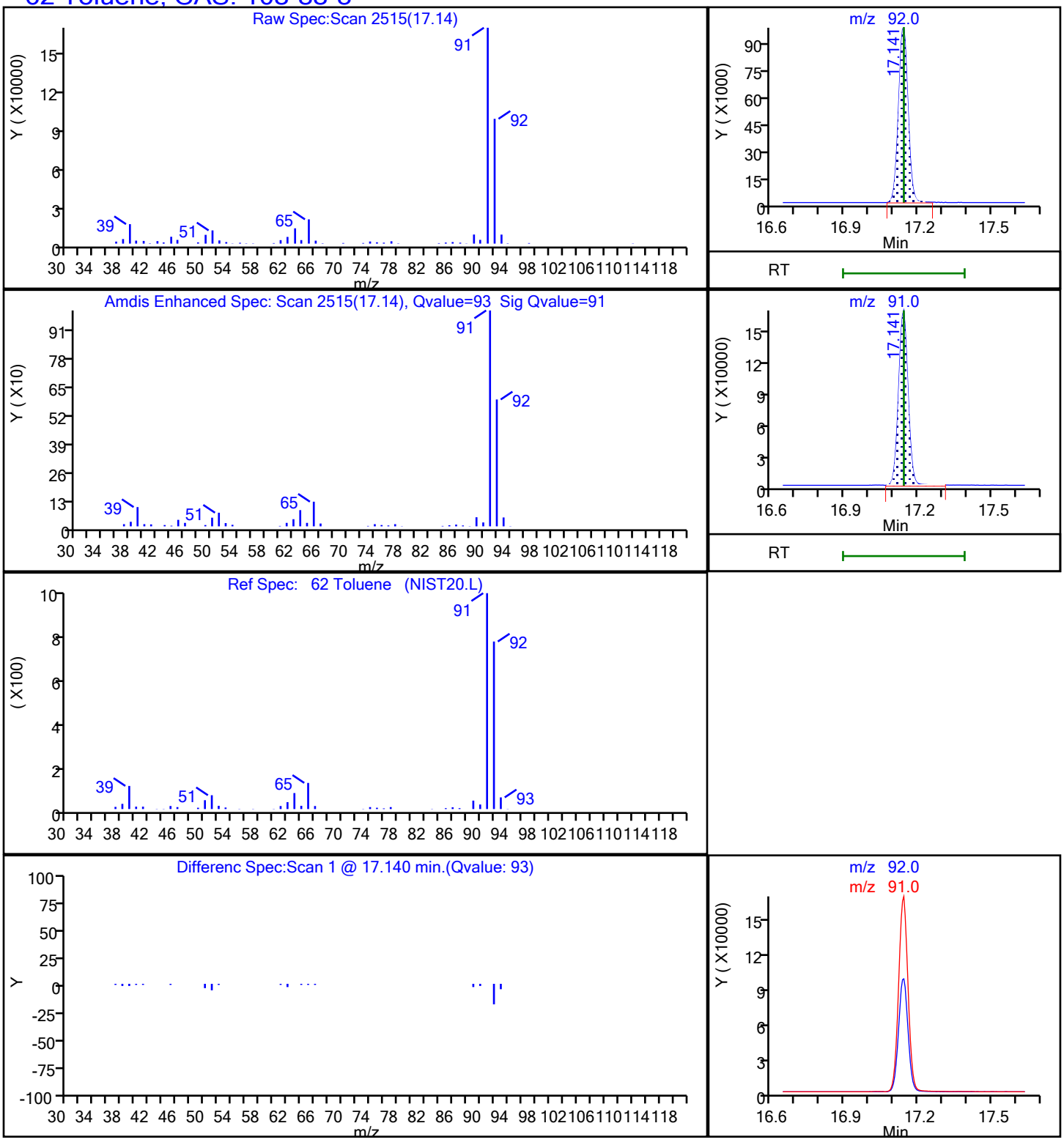
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 62 Toluene, CAS: 108-88-3



Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

Injection Date: 10-Feb-2025 19:34:30 Instrument ID: CHW.i

Lims ID: 200-76885-A-3 Lab Sample ID: 200-76885-3

Client ID: RX-18-01

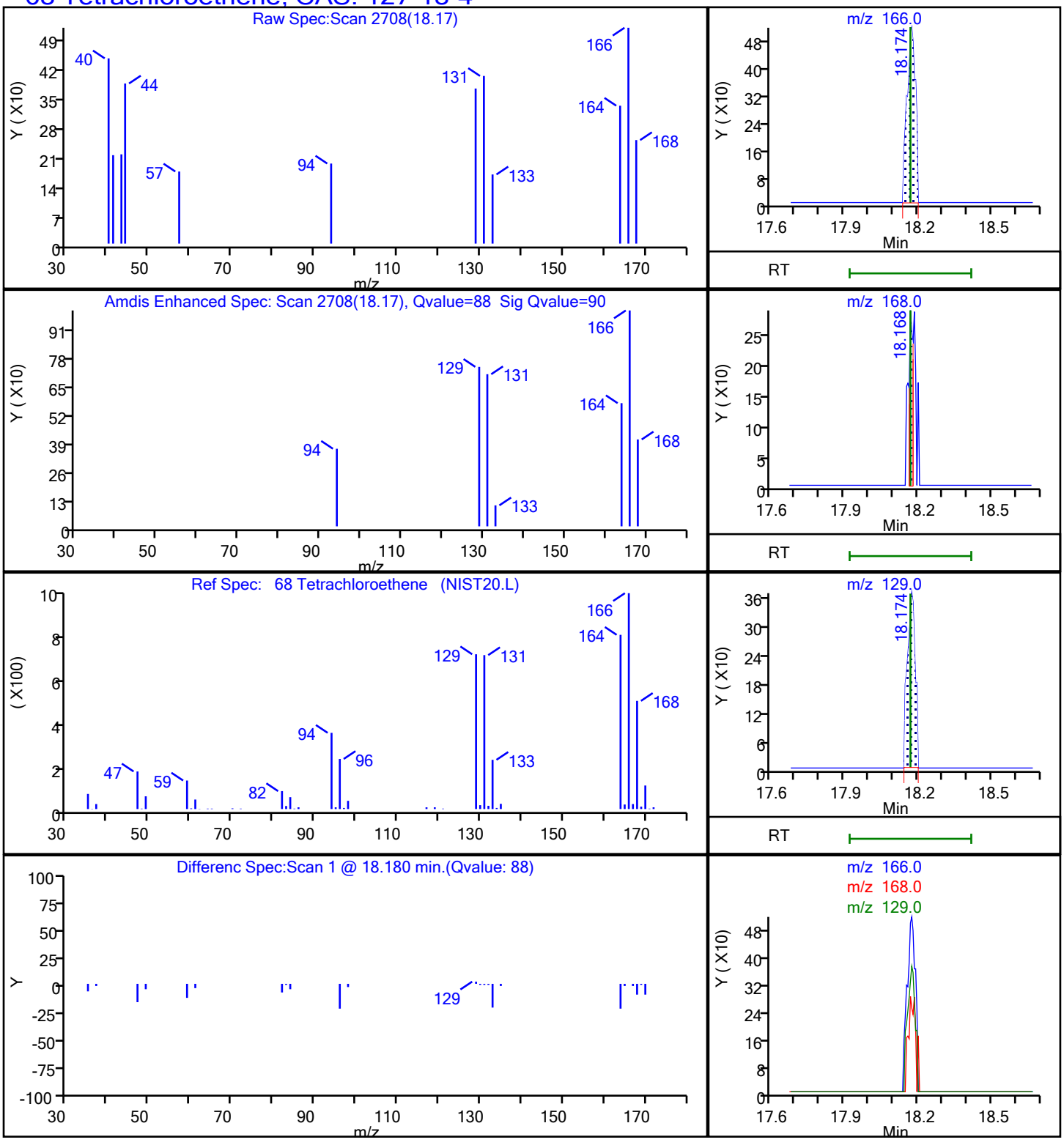
Operator ID: vtp ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 200.000 mL Dil. Factor: 1.0000

Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL

Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 68 Tetrachloroethene, CAS: 127-18-4



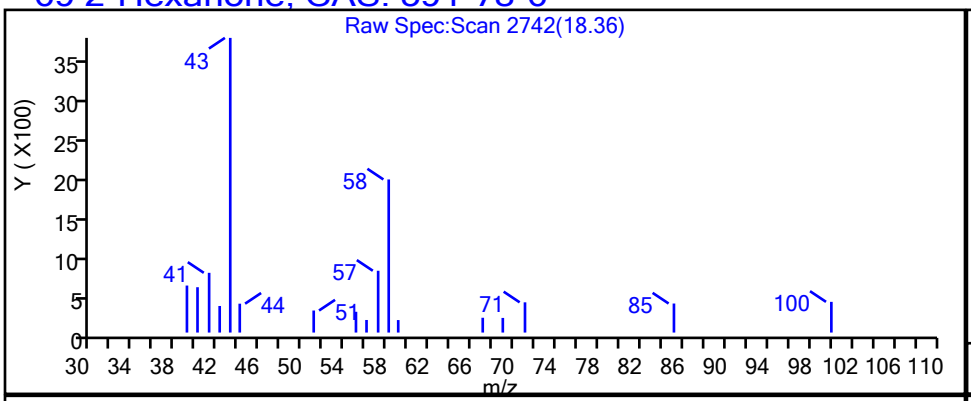
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

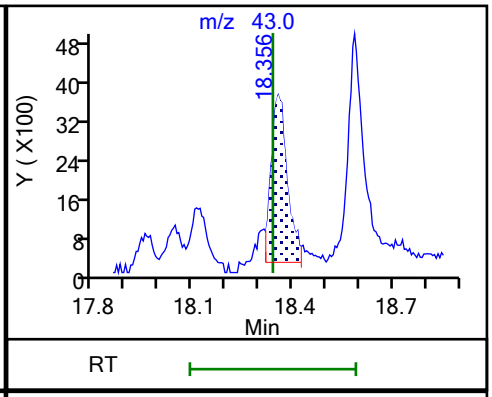
Eurofins Burlington

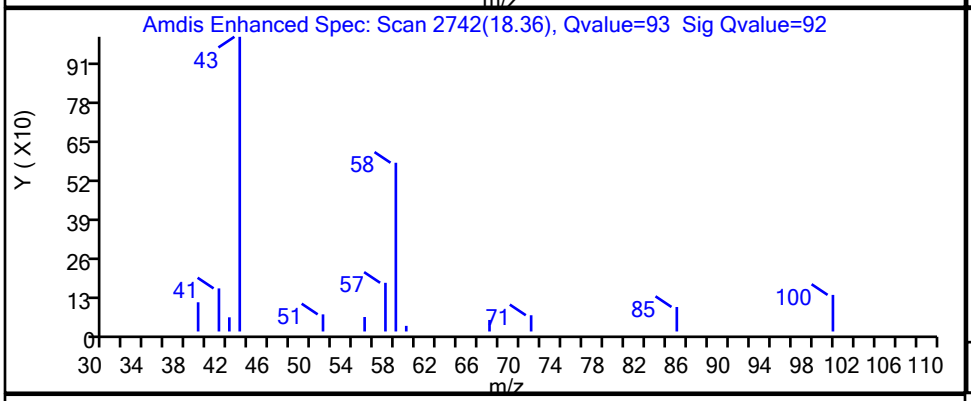
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

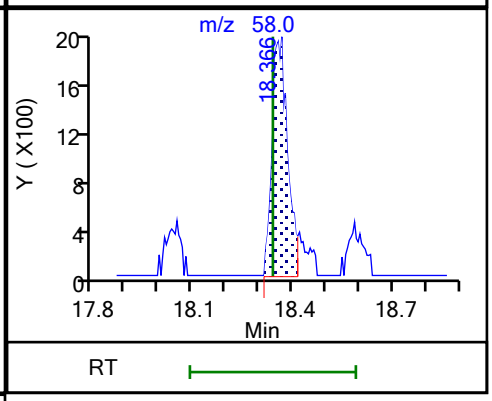
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

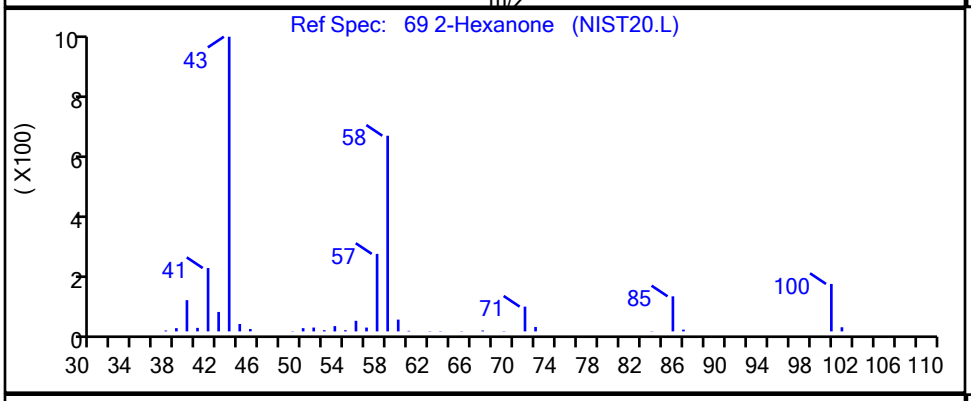
## 69 2-Hexanone, CAS: 591-78-6

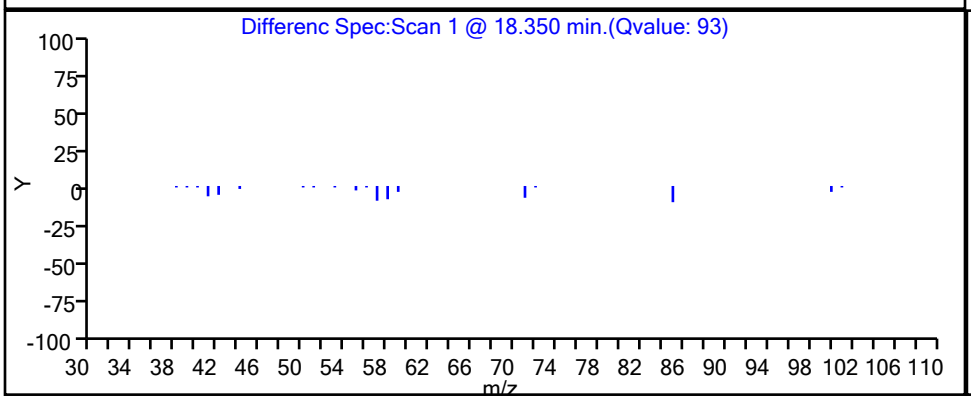


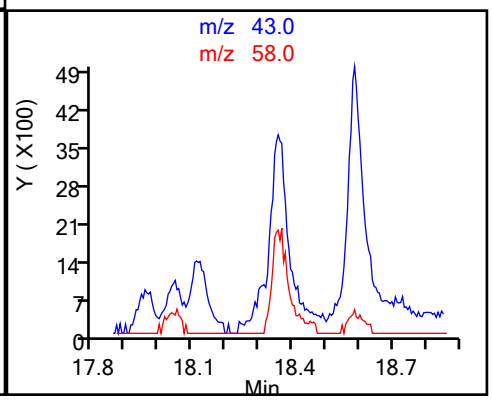



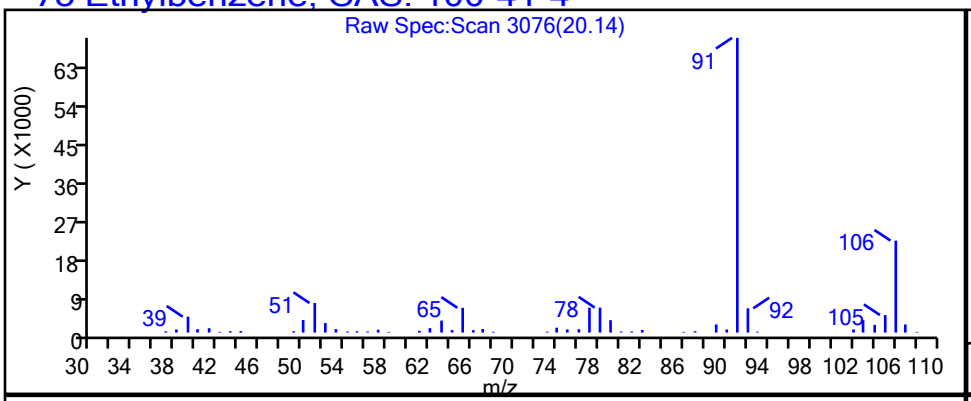
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

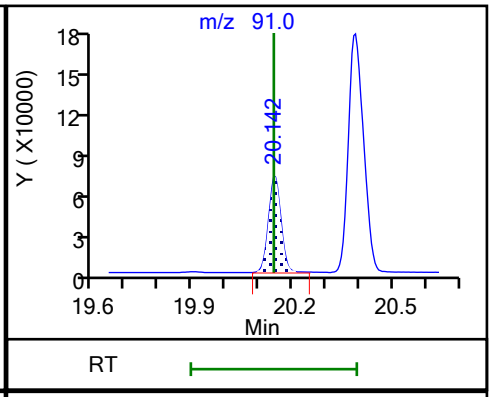
Eurofins Burlington

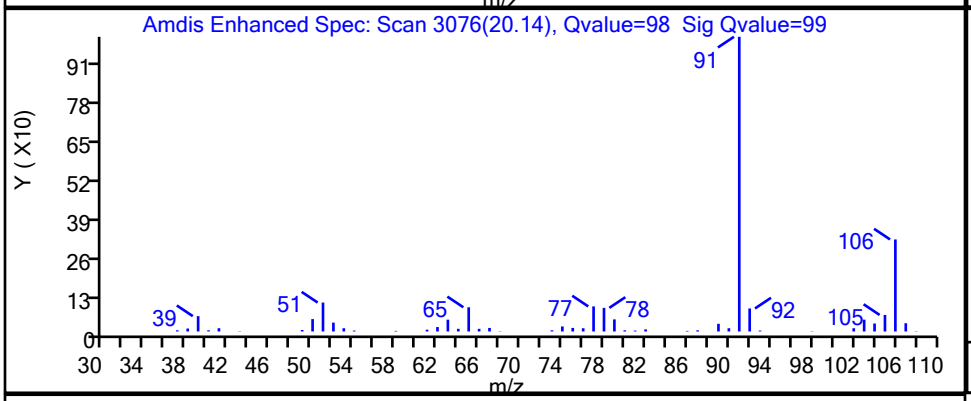
Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d

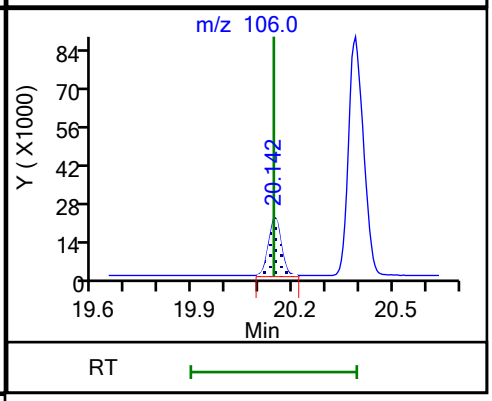
| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

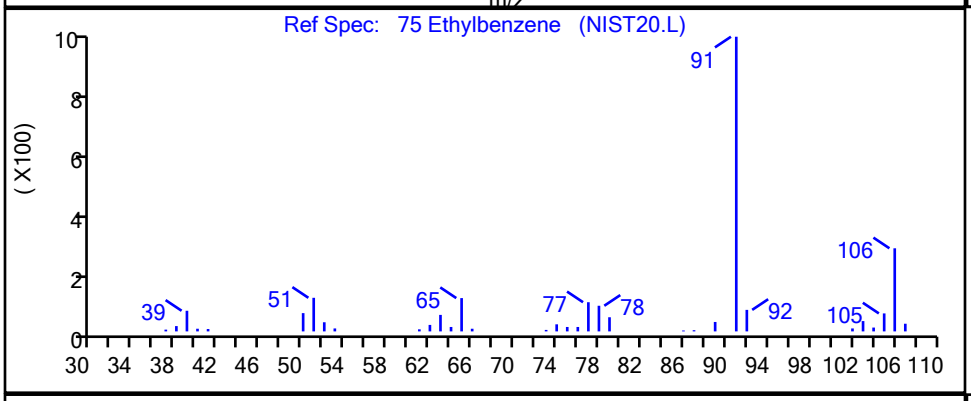
## 75 Ethylbenzene, CAS: 100-41-4

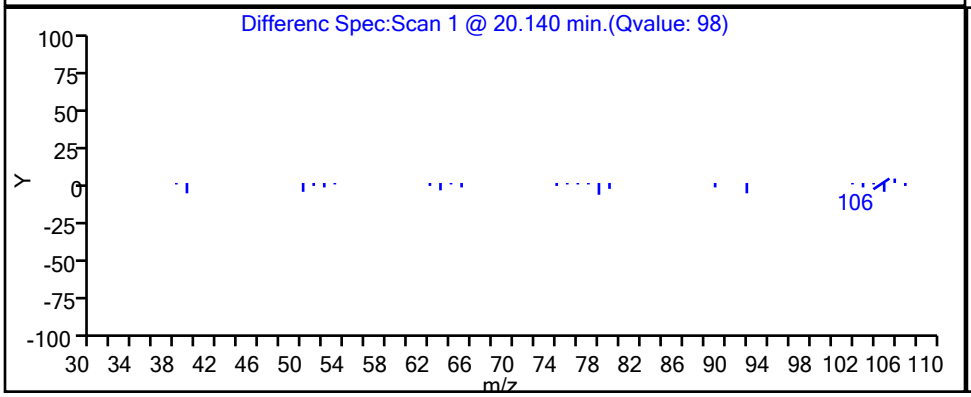


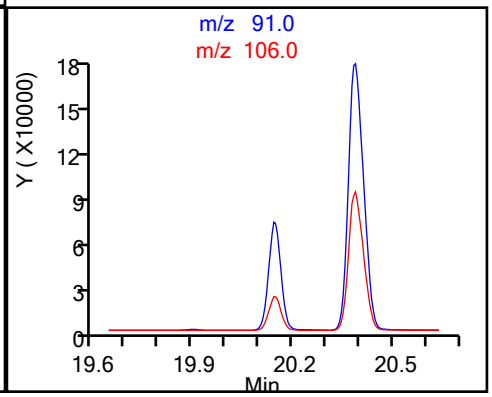



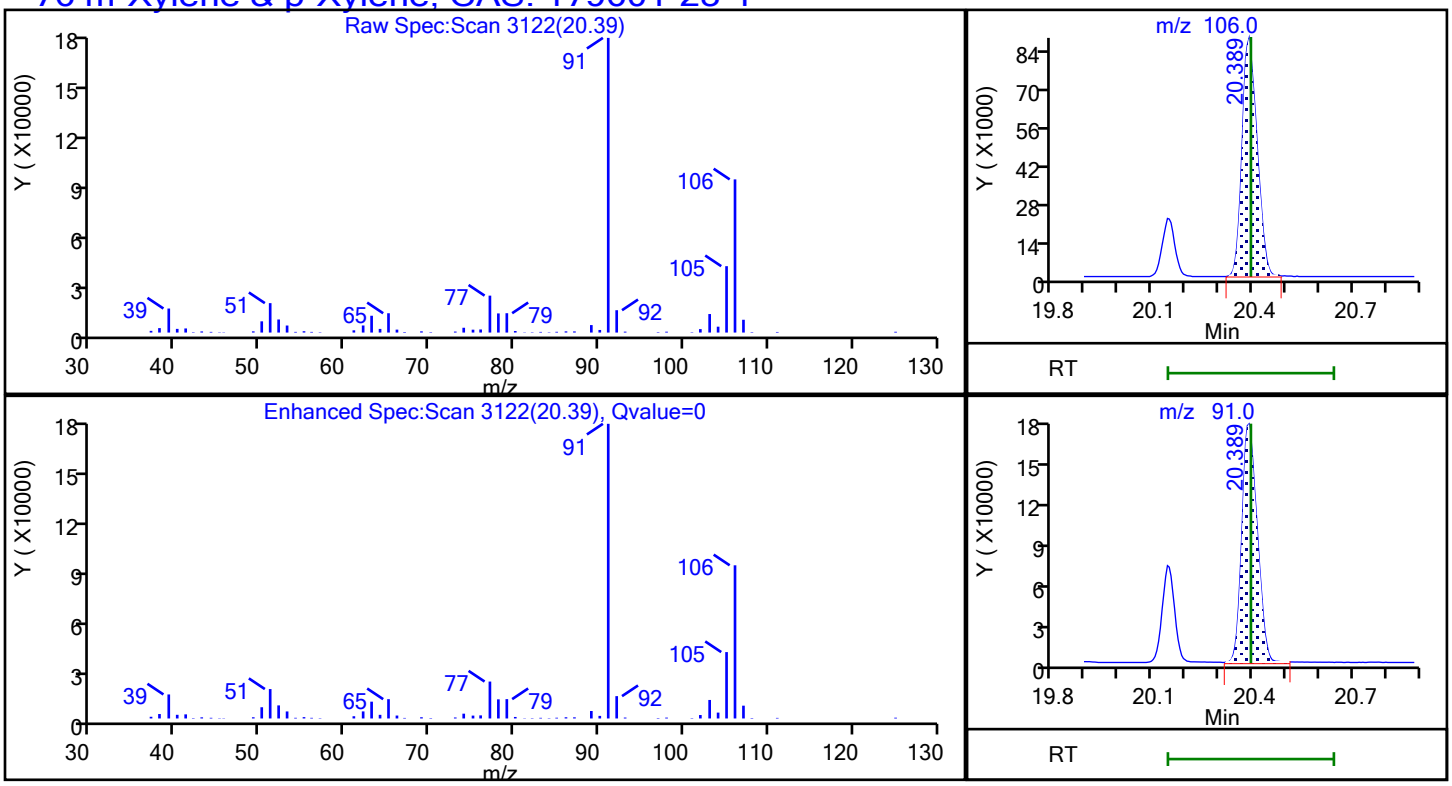



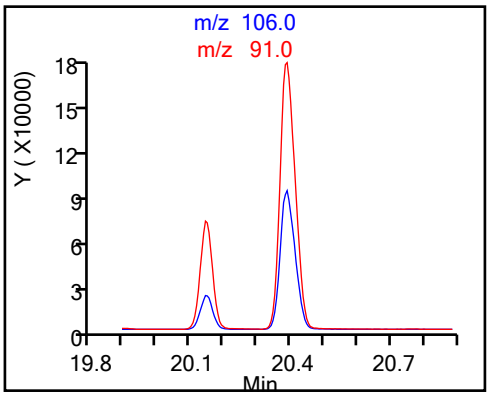
Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 76 m-Xylene & p-Xylene, CAS: 179601-23-1



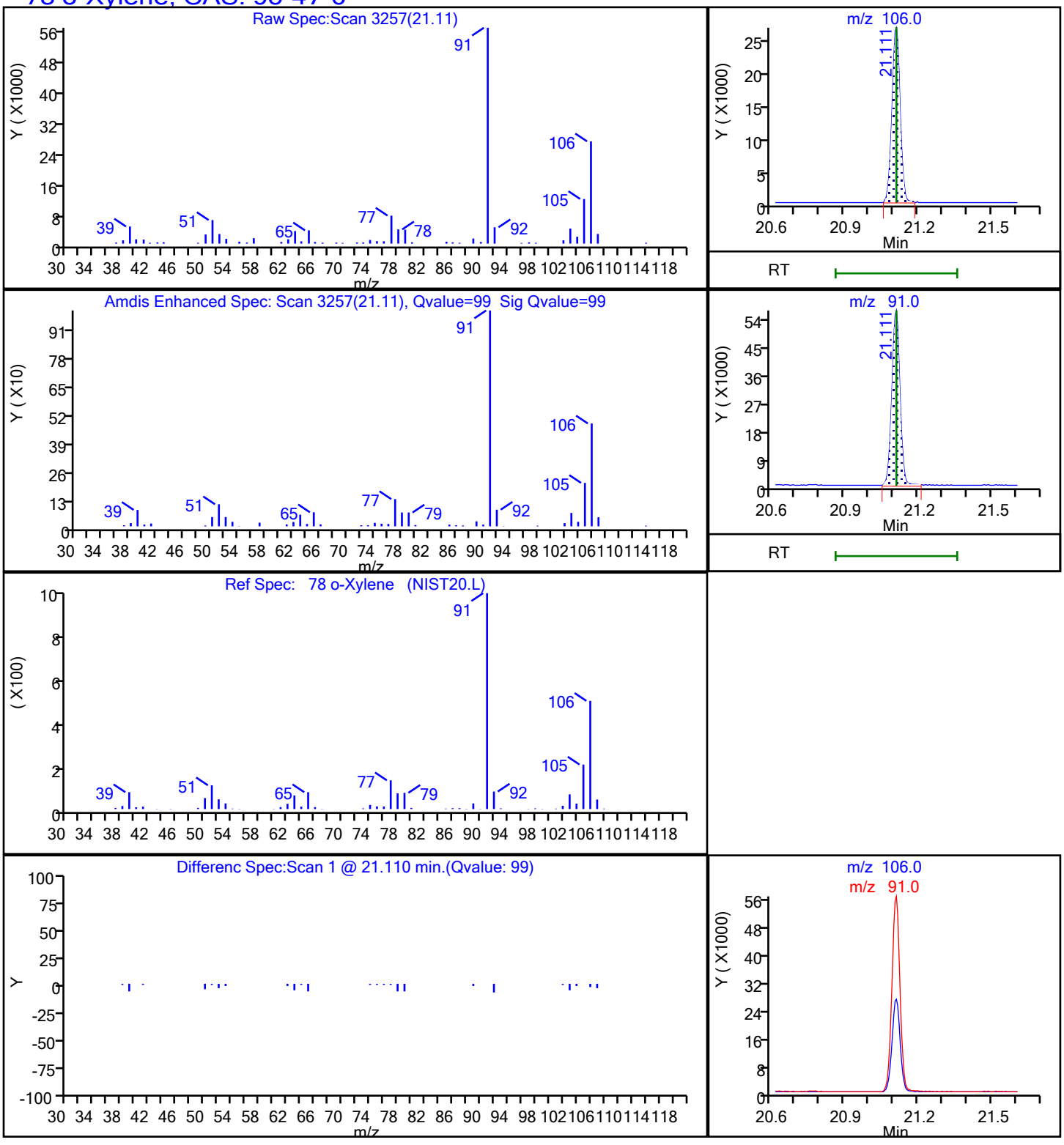



Report Date: 11-Feb-2025 10:14:32 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 78 o-Xylene, CAS: 95-47-6



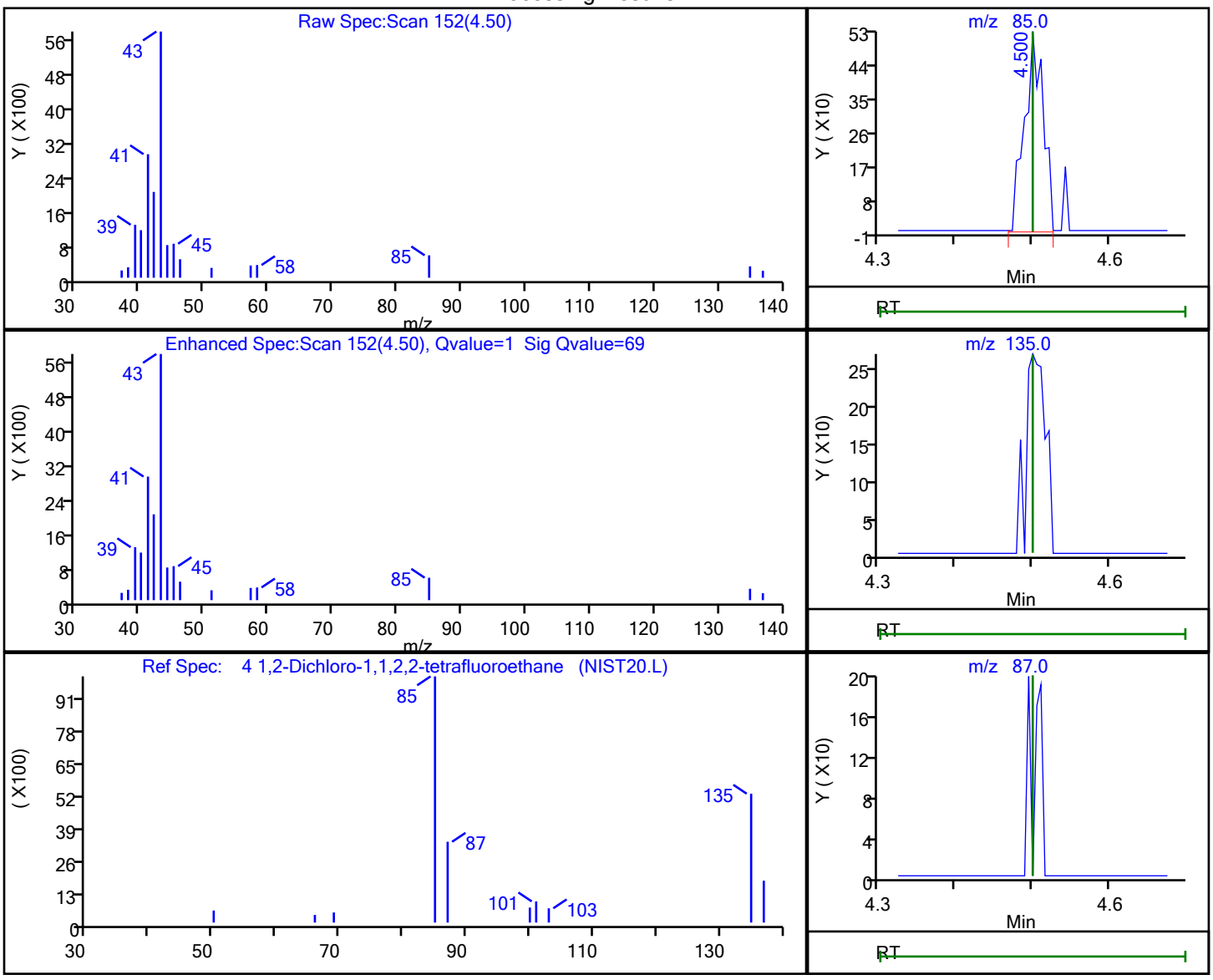
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 4 1,2-Dichloro-1,1,2,2-tetrafluoroethane, CAS: 76-14-2

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.50 | 85.00 | 888 | 0.017311 |
| 4.50 | 135.00 | 0 | |
| 4.50 | 87.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 10:07:55 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

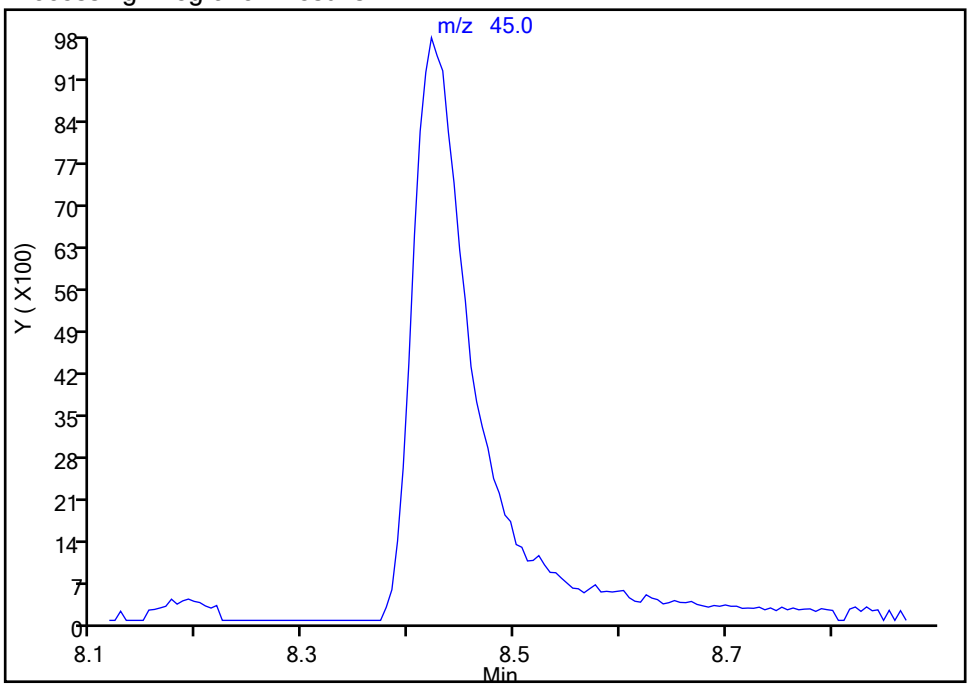
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

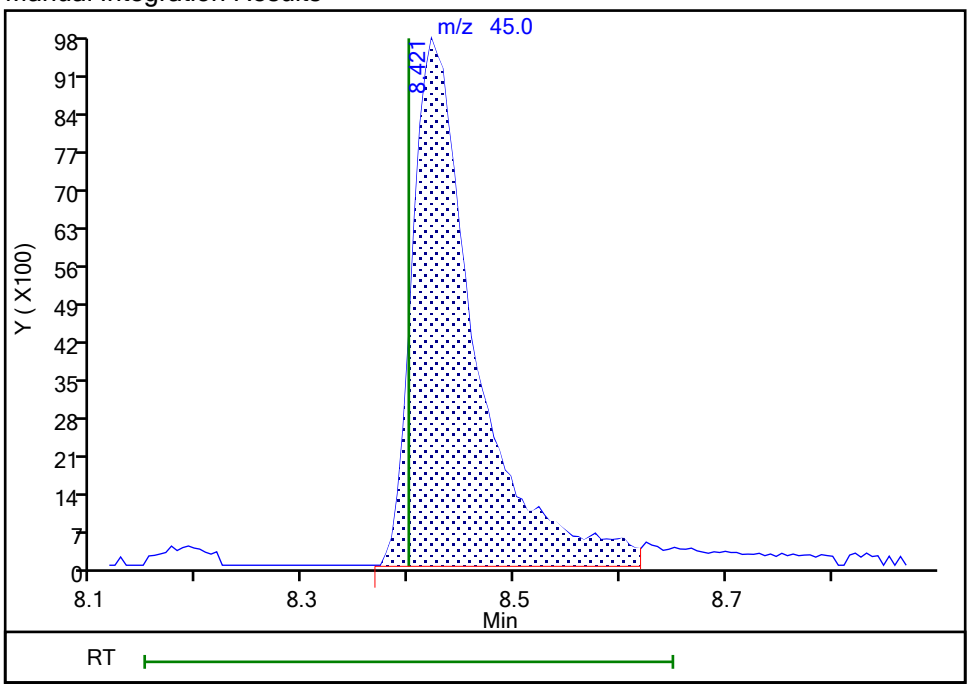
Not Detected
Expected RT: 8.40

Processing Integration Results




Manual Integration Results

RT: 8.42
Area: 40508
Amount: 1.478382
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:08:27 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

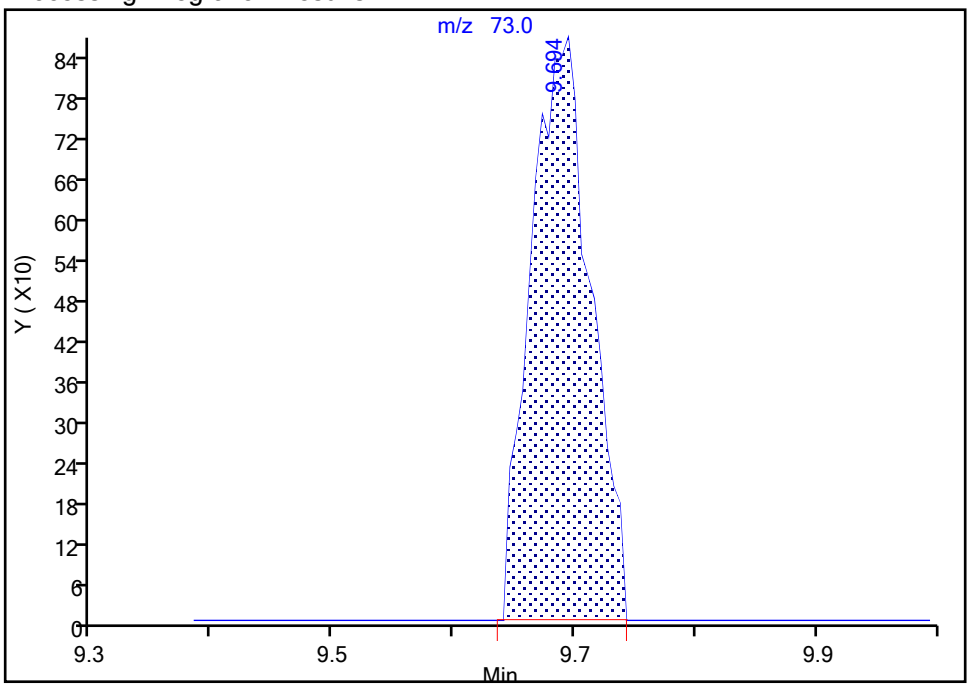
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 31 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

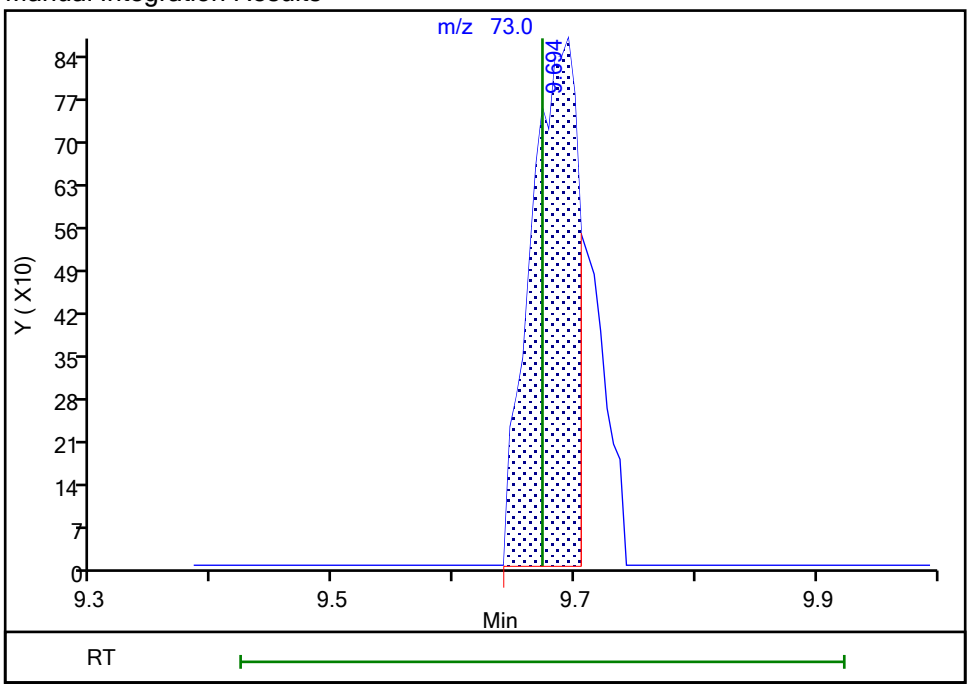
Processing Integration Results

RT: 9.69
Area: 2994
Amount: 0.058855
Amount Units: ppb v/v




Manual Integration Results

RT: 9.69
Area: 2350
Amount: 0.046196
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:09:29 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

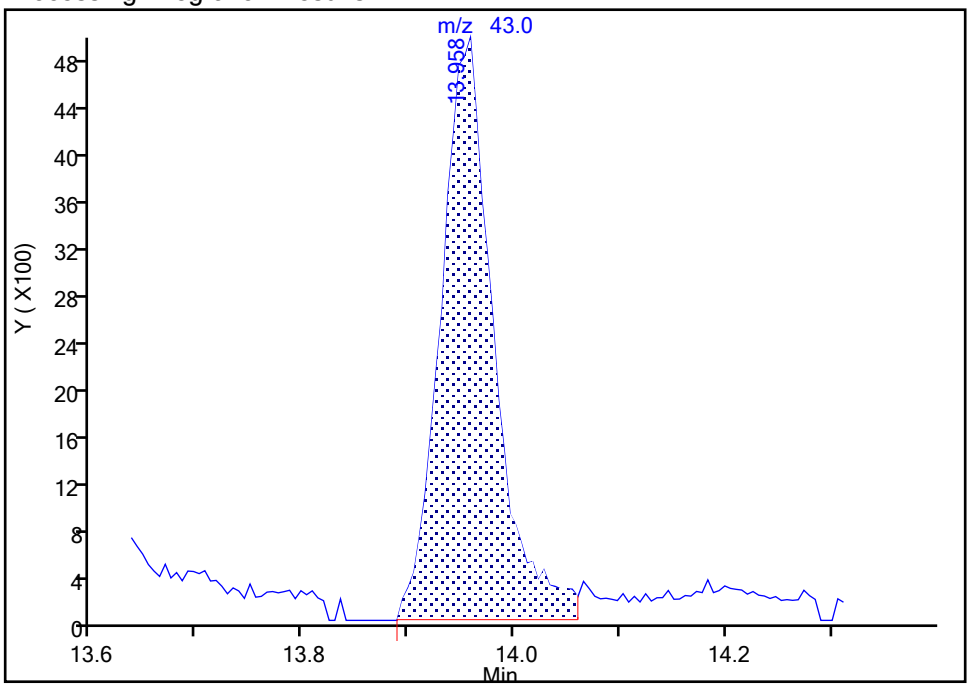
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 48 n-Heptane, CAS: 142-82-5

Signal: 1

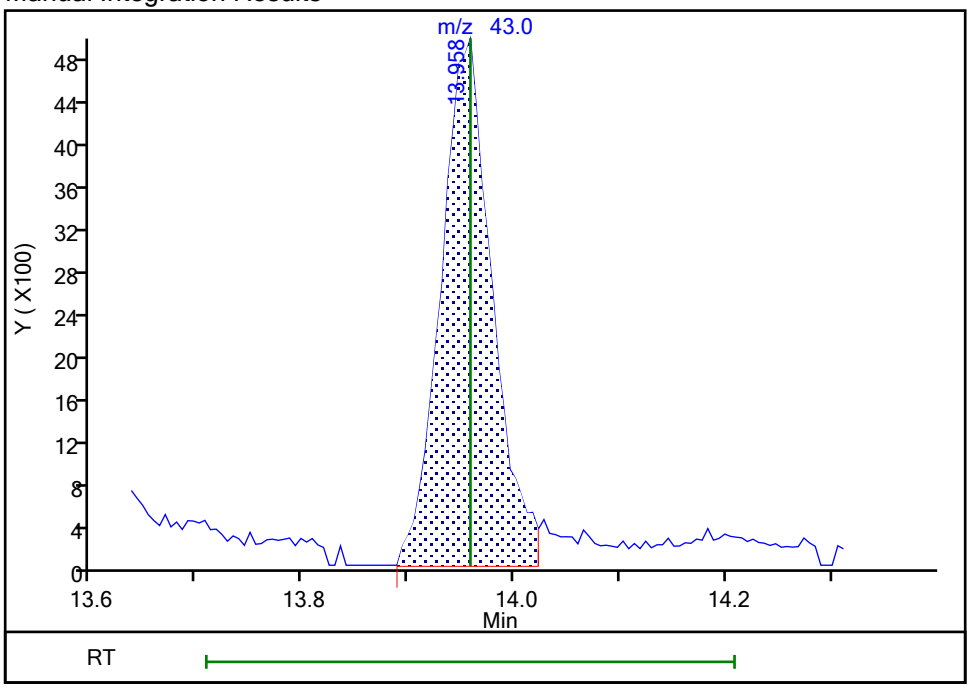
Processing Integration Results

RT: 13.96
Area: 17381
Amount: 0.534530
Amount Units: ppb v/v




Manual Integration Results

RT: 13.96
Area: 16730
Amount: 0.514509
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:10:11 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

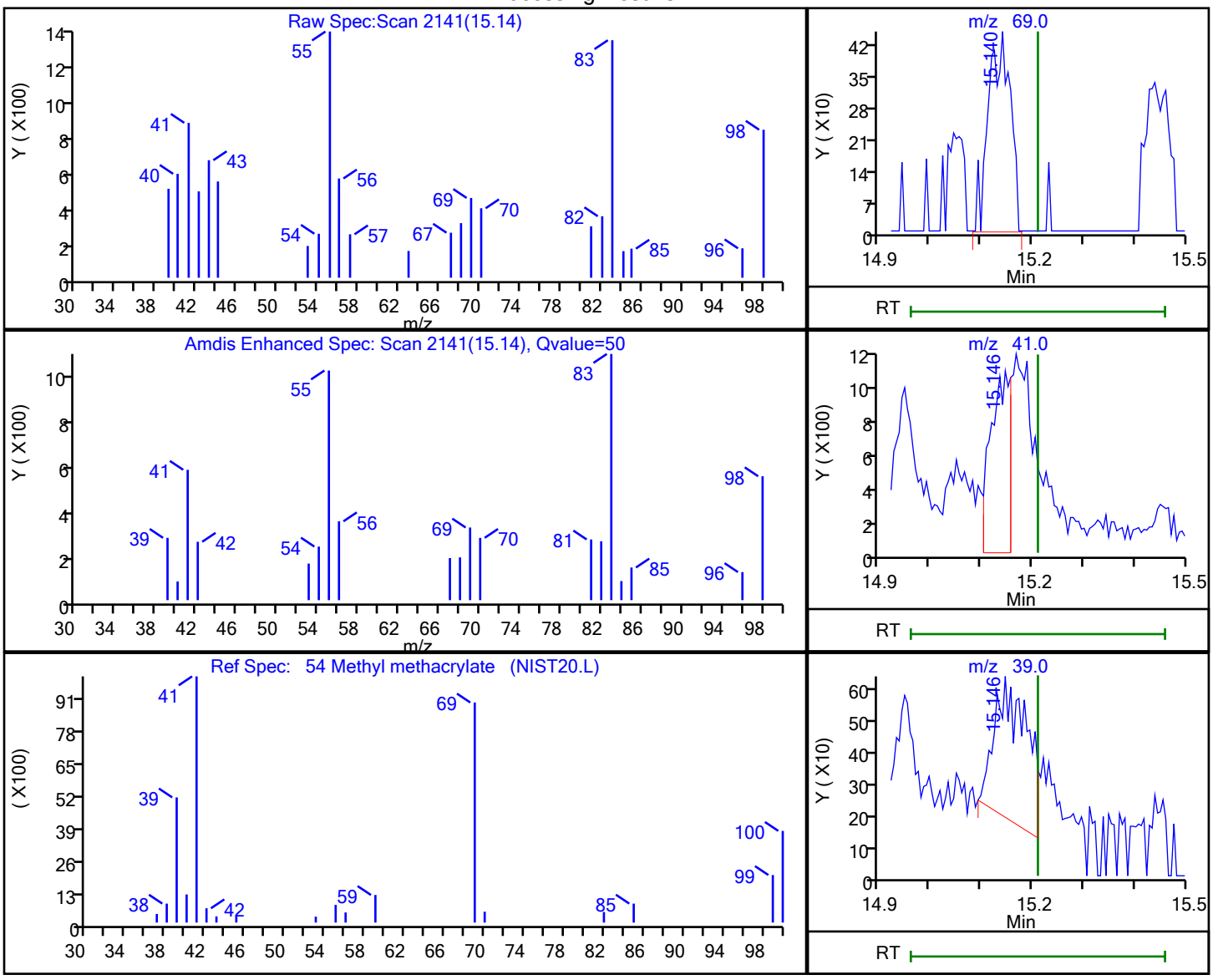
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 54 Methyl methacrylate, CAS: 80-62-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 15.14 | 69.00 | 1339 | 0.063446 |
| 15.15 | 41.00 | 2582 | |
| 15.15 | 39.00 | 1994 | |

Reviewer: F7XK, 11-Feb-2025 10:10:26 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

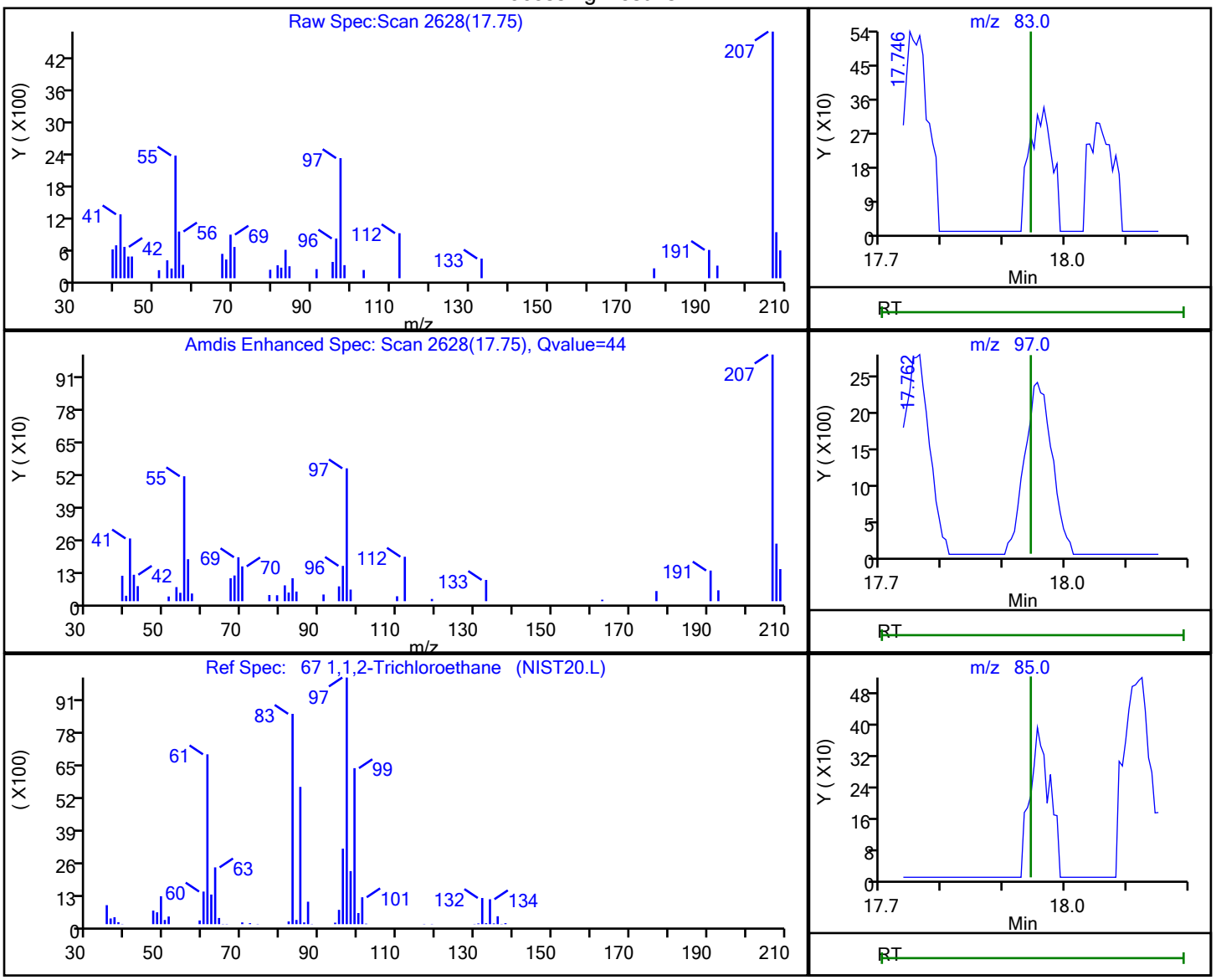
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 67 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 17.75 | 83.00 | 1461 | 0.065721 |
| 17.76 | 97.00 | 8358 | |
| 17.94 | 85.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 10:10:59 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

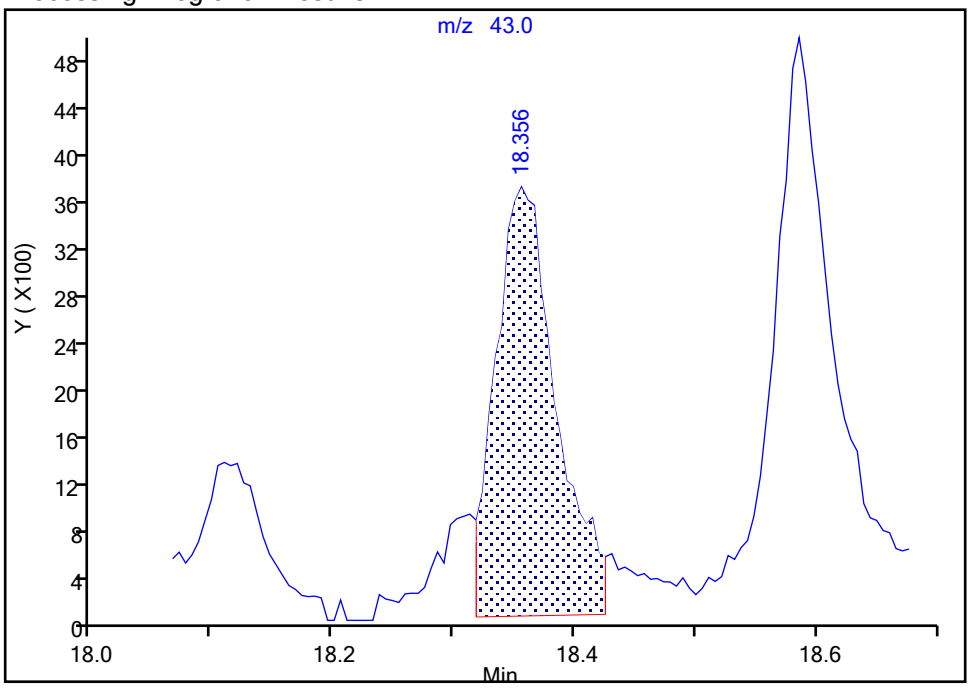
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6

Signal: 1

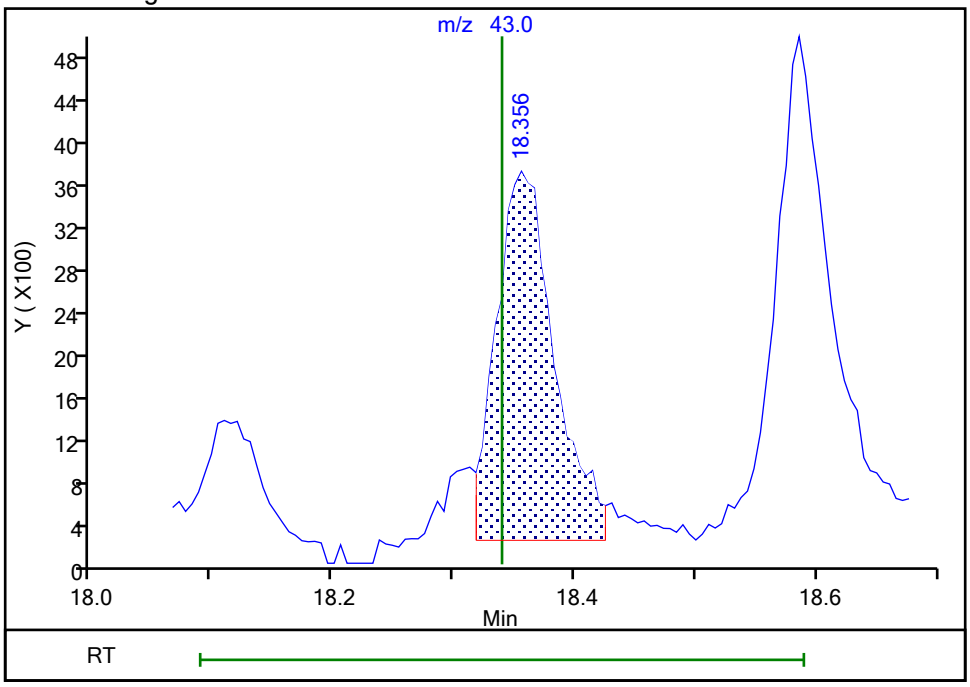
Processing Integration Results

RT: 18.36
Area: 12903
Amount: 0.349012
Amount Units: ppb v/v




Manual Integration Results

RT: 18.36
Area: 11771
Amount: 0.318392
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:11:23 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

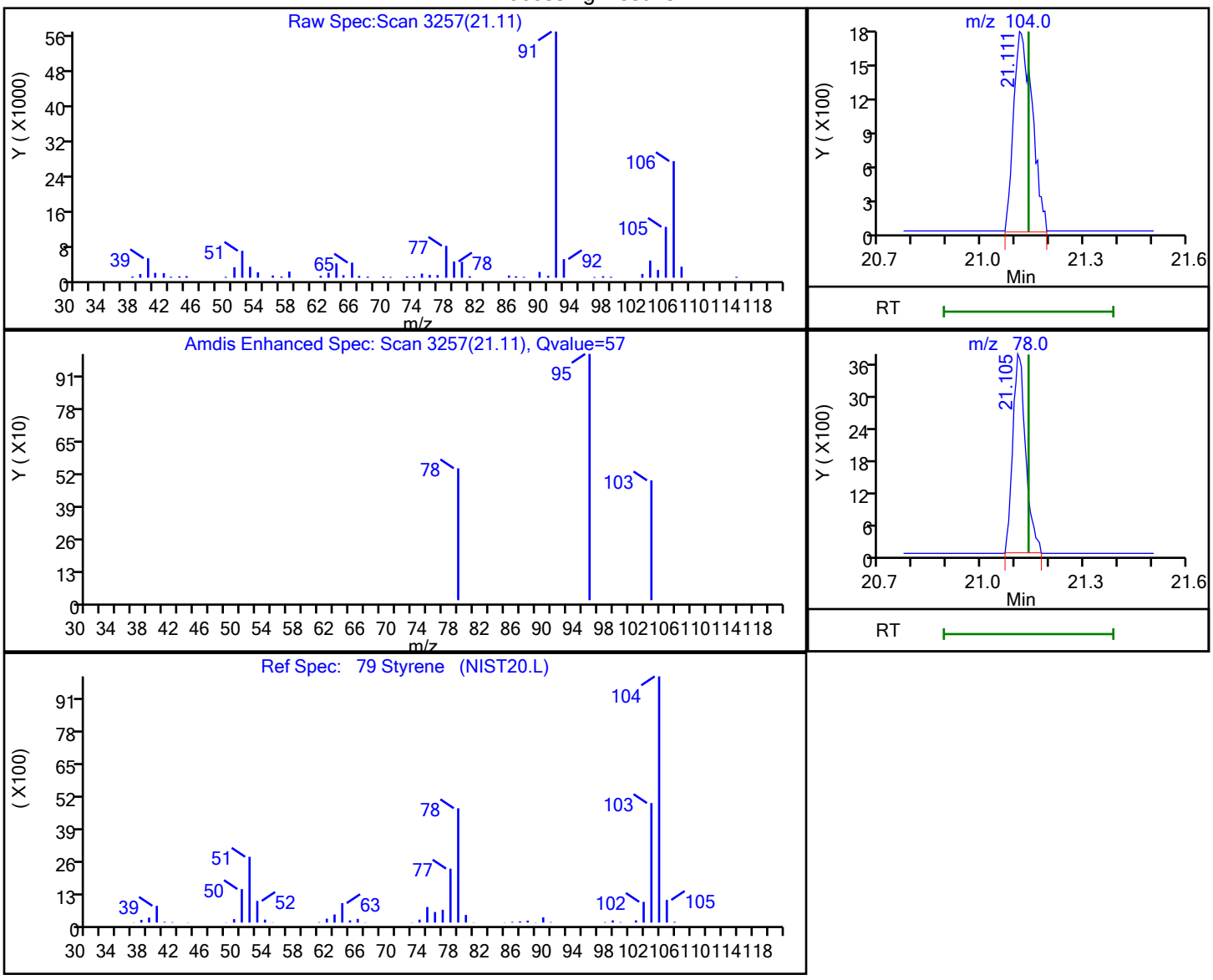
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 79 Styrene, CAS: 100-42-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 21.11 | 104.00 | 6755 | 0.116321 |
| 21.11 | 78.00 | 10070 | |

Reviewer: F7XK, 11-Feb-2025 10:12:03 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

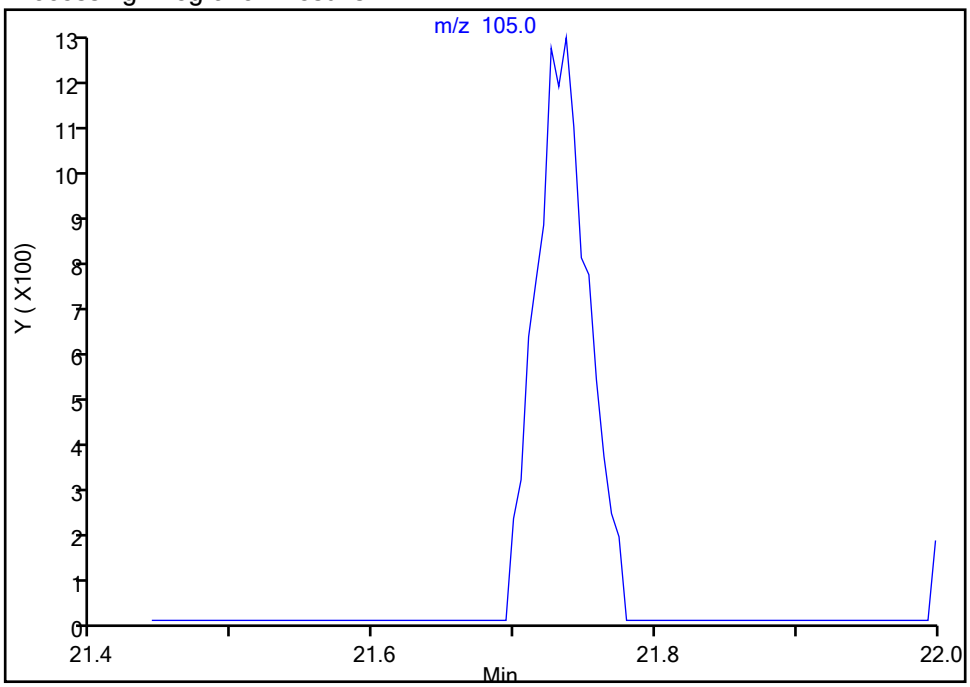
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 82 Isopropylbenzene, CAS: 98-82-8

Signal: 1

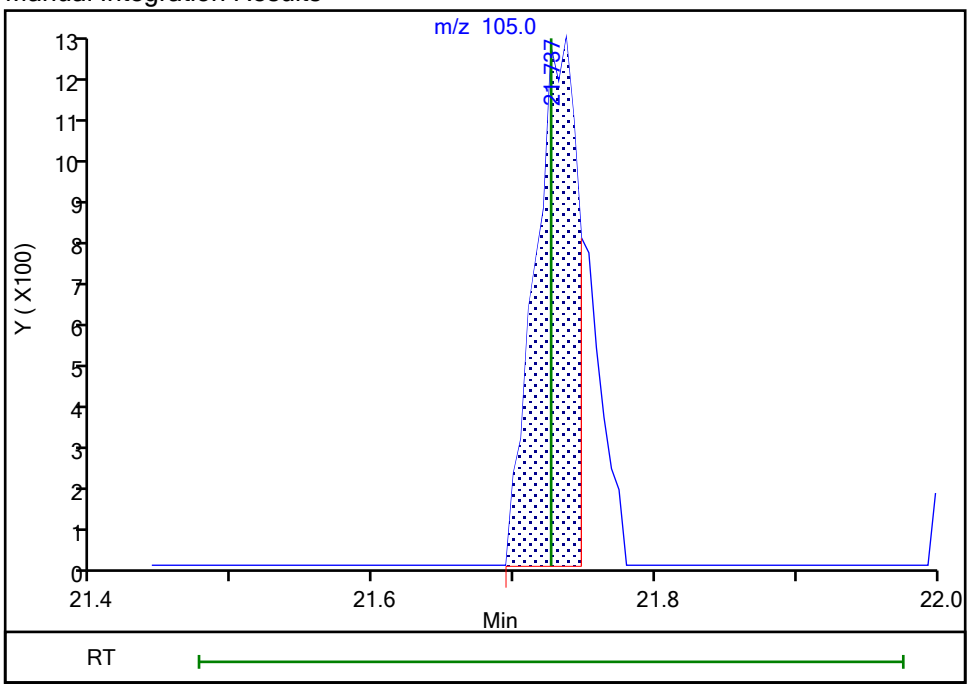
Not Detected
Expected RT: 21.73

Processing Integration Results




Manual Integration Results

RT: 21.74
Area: 2675
Amount: 0.025498
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:12:20 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

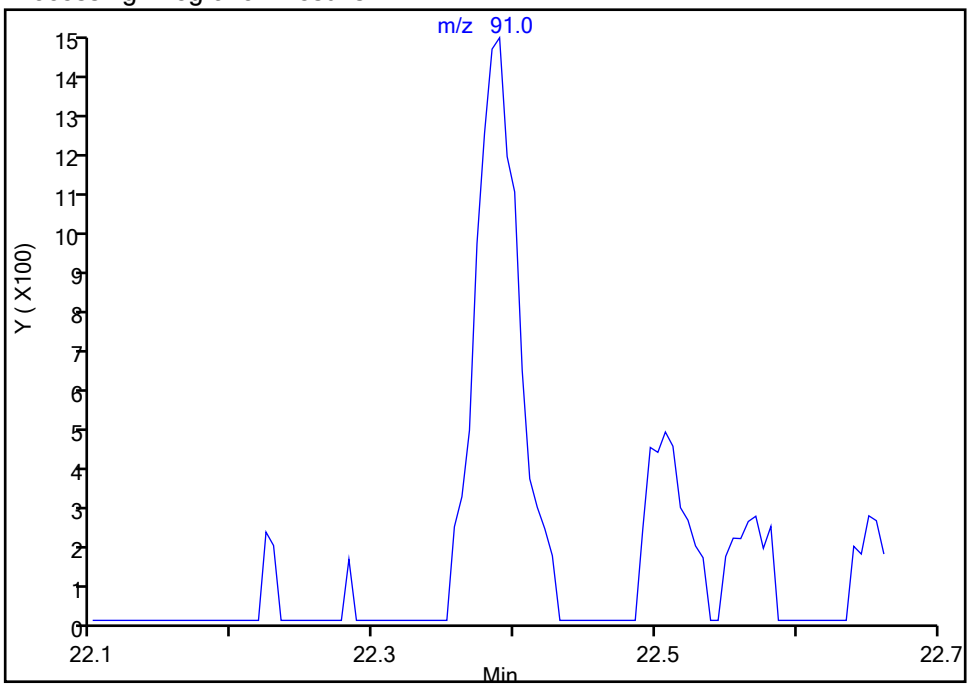
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 85 N-Propylbenzene, CAS: 103-65-1

Signal: 1

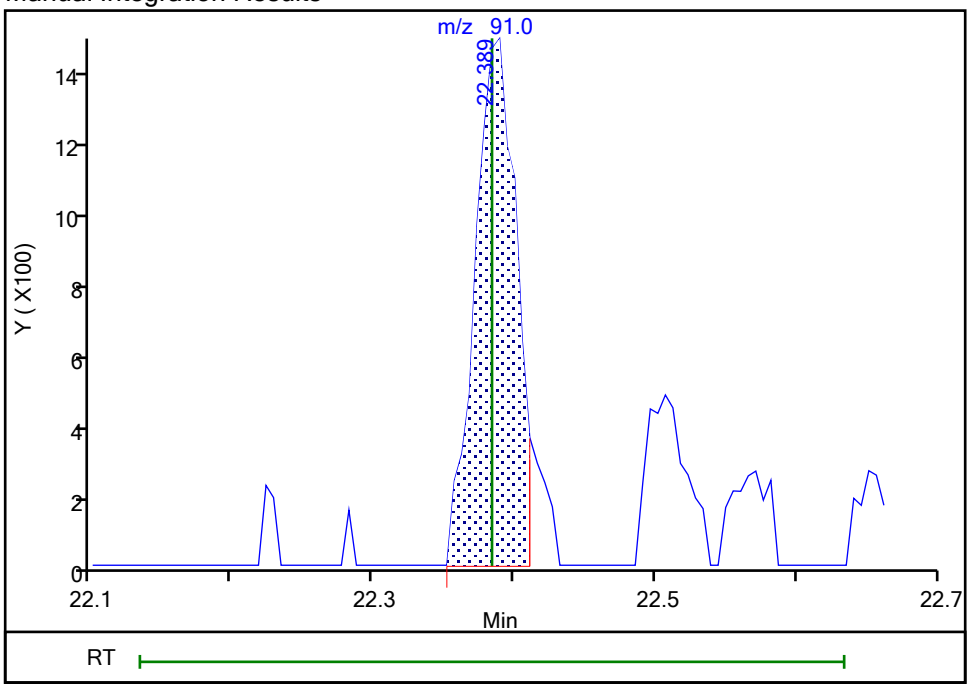
Not Detected
Expected RT: 22.38

Processing Integration Results




Manual Integration Results

RT: 22.39
Area: 2926
Amount: 0.022017
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:13:01 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

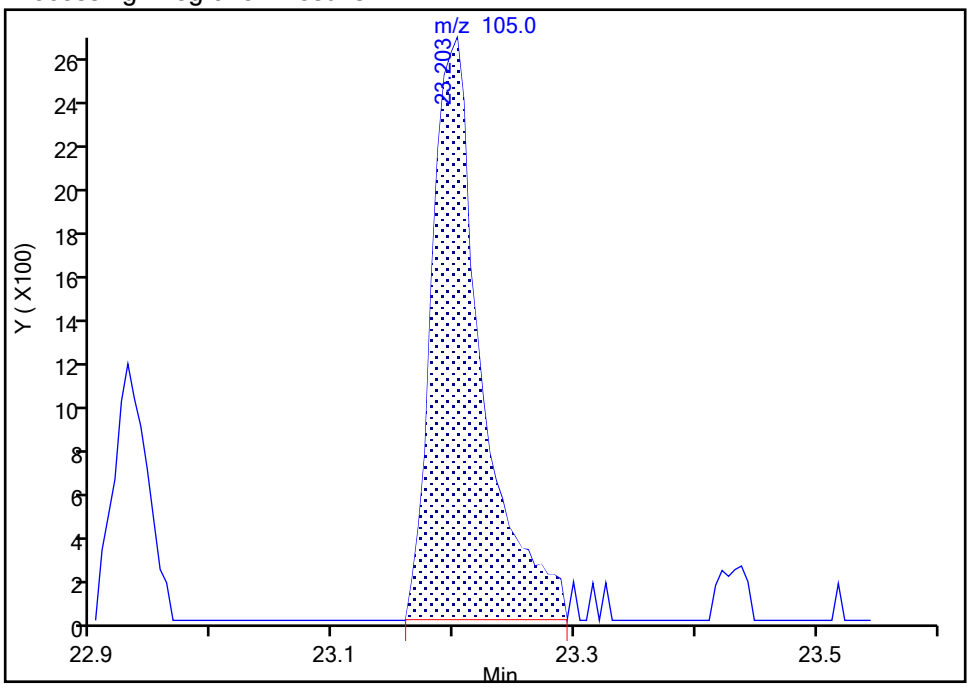
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 92 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

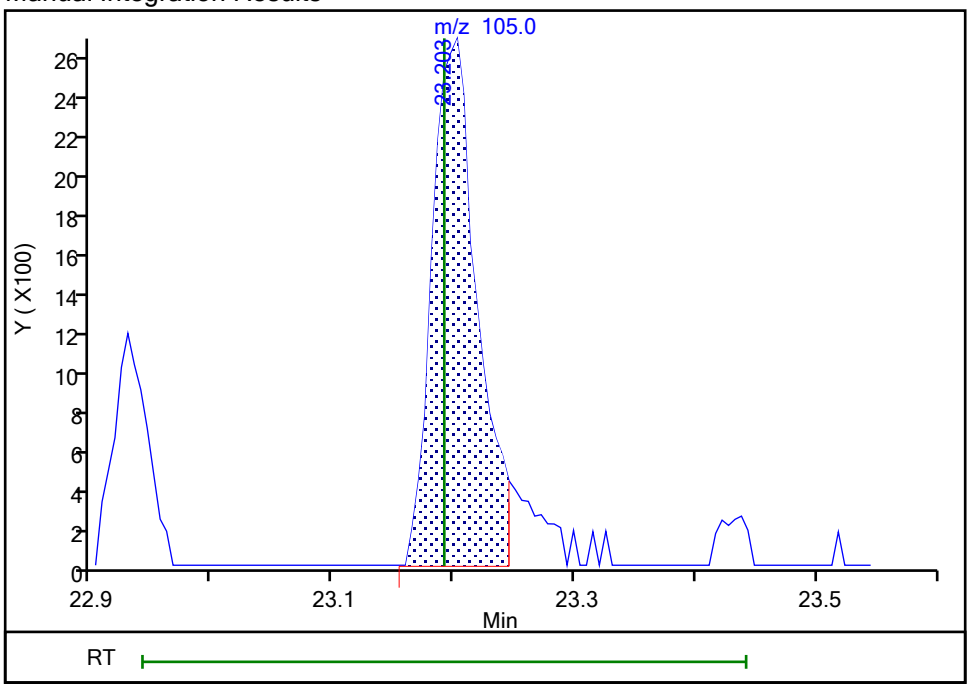
Processing Integration Results

RT: 23.20
Area: 7454
Amount: 0.082551
Amount Units: ppb v/v




Manual Integration Results

RT: 23.20
Area: 6781
Amount: 0.075098
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:13:42 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

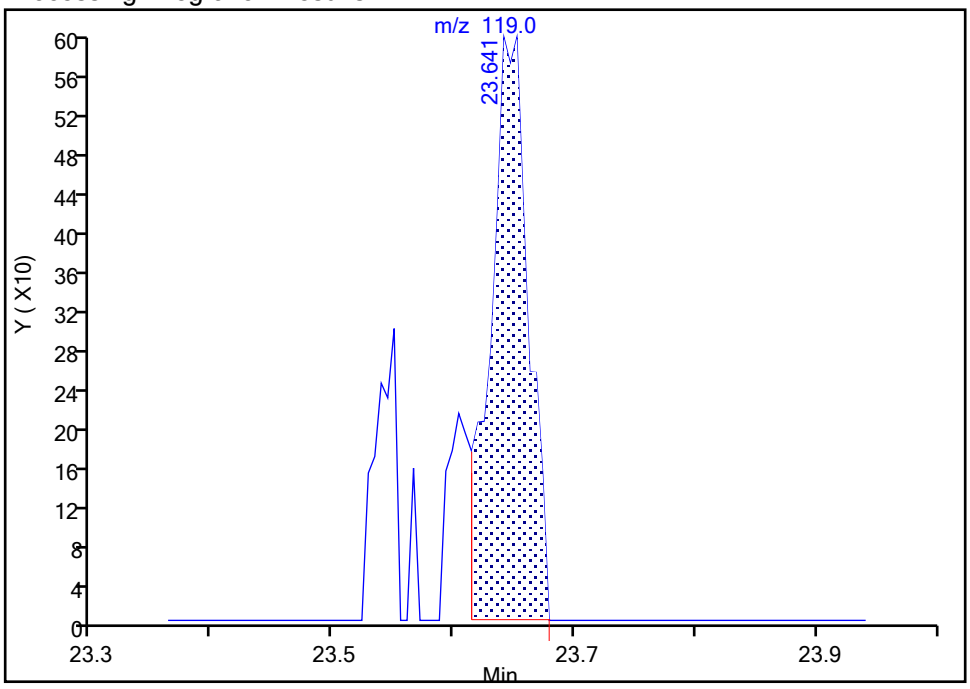
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-15.d | | | | |
| Injection Date: | 10-Feb-2025 19:34:30 | Instrument ID: | CHW.i | | |
| Lims ID: | 200-76885-A-3 | Lab Sample ID: | 200-76885-3 | | |
| Client ID: | RX-18-01 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 14 | Worklist Smp#: | 15 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 95 4-Isopropyltoluene, CAS: 99-87-6

Signal: 1

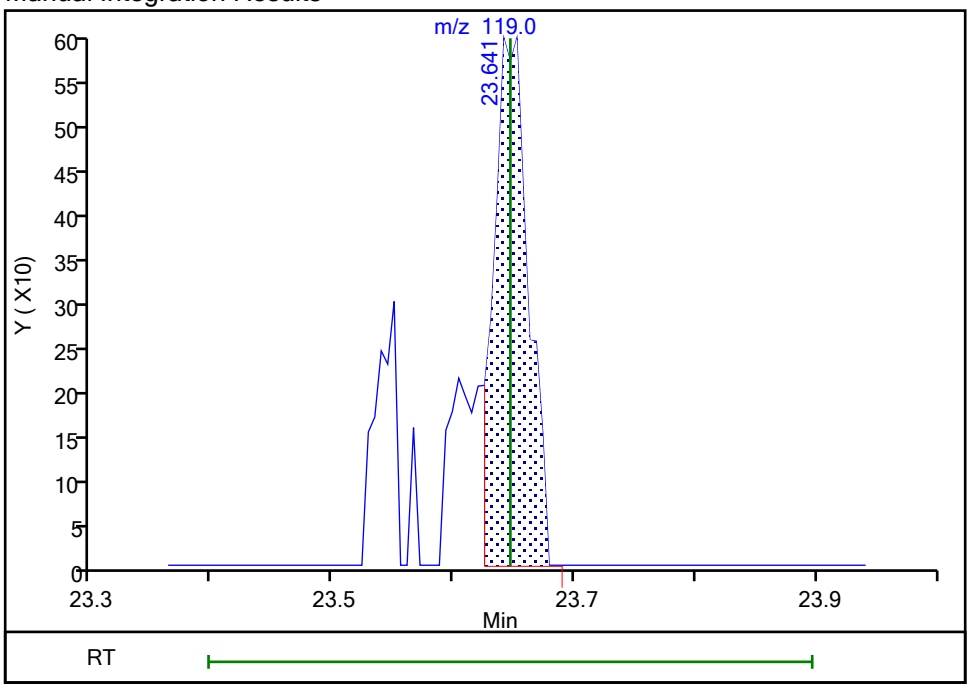
Processing Integration Results

RT: 23.64
Area: 1324
Amount: 0.011462
Amount Units: ppb v/v




Manual Integration Results

RT: 23.64
Area: 1203
Amount: 0.010415
Amount Units: ppb v/v




Reviewer: F7XK, 11-Feb-2025 10:14:08 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212624/5 | 63614-05.d |
| Level 2 | IC 200-212624/19 | 63614-19.d |
| Level 3 | IC 200-212624/25 | 63614-25.D |
| Level 4 | IC 200-212624/12 | 63614-12.d |
| Level 5 | ICIS 200-212624/13 | 63614-13.d |
| Level 6 | IC 200-212624/14 | 63614-14.d |
| Level 7 | IC 200-212624/17 | 63614-17.d |
| Level 8 | IC 200-212624/18 | 63614-18.d |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propylene | +++++ 1.0797 | +++++ 1.0024 | +++++ 1.0430 | 0.8900 | 1.0615 | Ave | | 1.0153 | | | | 7.5 | | 30.0 | | | |
| Dichlorodifluoromethane | +++++ 3.1457 | +++++ 2.9813 | 2.8888 3.0561 | 2.6799 | 3.1120 | Ave | | 2.9773 | | | | 5.8 | | 30.0 | | | |
| Chlorodifluoromethane | +++++ 1.9461 | +++++ 1.8074 | 1.7577 1.8576 | 1.6711 | 1.9329 | Ave | | 1.8288 | | | | 5.8 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | +++++ 3.4867 | 3.8149 3.3194 | 3.1916 3.3981 | 2.9551 | 3.4576 | Ave | | 3.3748 | | | | 7.9 | | 30.0 | | | |
| Chloromethane | +++++ 1.2130 | +++++ 1.1270 | 1.1378 1.1665 | 1.0435 | 1.2067 | Ave | | 1.1491 | | | | 5.4 | | 30.0 | | | |
| Vinyl chloride | 1.4959 1.1446 | 1.2991 1.0666 | 1.0364 1.0723 | 1.0085 | 1.1560 | Ave | | 1.1599 | | | | 14.1 | | 30.0 | | | |
| n-Butane | +++++ 1.6581 | +++++ 1.5168 | 1.6555 1.5372 | 1.4368 | 1.6651 | Ave | | 1.5782 | | | | 6.0 | | 30.0 | | | |
| 1,3-Butadiene | 1.5029 0.8868 | 1.0357 0.8225 | 0.7924 0.8401 | 0.7547 | 0.8886 | Ave | | 0.9405 | | | | 25.8 | | 30.0 | | | |
| Bromomethane | +++++ 1.2449 | 1.4995 1.1985 | 1.1481 1.2399 | 1.0578 | 1.2306 | Ave | | 1.2313 | | | | 11.0 | | 30.0 | | | |
| Chloroethane | +++++ 0.7537 | +++++ 0.7204 | 0.6942 0.7501 | 0.6313 | 0.7414 | Ave | | 0.7152 | | | | 6.5 | | 30.0 | | | |
| Isopentane | +++++ 1.5520 | 1.8754 1.4639 | 1.3822 1.5386 | 1.2038 | 1.5010 | Ave | | 1.5024 | | | | 13.5 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | +++++ 1.1948 | 1.3415 1.1687 | 1.1024 1.2266 | 0.9327 | 1.1573 | Ave | | 1.1606 | | | | 10.8 | | 30.0 | | | |
| Trichlorofluoromethane | +++++ 2.9202 | 3.3124 2.8150 | 2.6981 2.9013 | 2.5012 | 2.9101 | Ave | | 2.8655 | | | | 8.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| n-Pentane | +++++ 2.3474 | +++++ 2.2261 | 1.9799 2.3419 | 1.7649 | 2.2811 | Ave | | 2.1569 | | | | 10.9 | | 30.0 | | | |
| Ethanol | +++++ 0.6162 | +++++ 0.5894 | 0.5712 0.6185 | 0.6006 | 0.6151 | Ave | | 0.6018 | | | | 3.1 | | 30.0 | | | |
| Ethyl ether | +++++ 0.9629 | 0.8771 0.9378 | 0.7434 0.9855 | 0.7143 | 0.9241 | Ave | | 0.8779 | | | | 12.2 | | 30.0 | | | |
| Acrolein | +++++ 0.5152 | +++++ 0.4958 | +++++ 0.5250 | 0.3632 | 0.4806 | Ave | | 0.4760 | | | | 13.7 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.2960 1.3442 | 1.4611 1.3041 | 1.1791 1.3679 | 1.0641 | 1.3014 | Ave | | 1.2897 | | | | 9.4 | | 30.0 | | | |
| 1,1,2-Trichlorotrifluoroethane | +++++ 2.7702 | 3.1512 2.6636 | 2.5391 2.7548 | 2.3637 | 2.7624 | Ave | | 2.7150 | | | | 8.9 | | 30.0 | | | |
| Acetone | +++++ 1.8514 | +++++ 1.6936 | +++++ 1.8405 | 1.4683 | 1.7582 | Ave | | 1.7224 | | | | 9.1 | | 30.0 | | | |
| Isopropyl alcohol | +++++ 1.9367 | +++++ 1.8599 | +++++ 2.0063 | 1.3545 | 1.8556 | Ave | | 1.8026 | | | | 14.3 | | 30.0 | | | |
| Carbon disulfide | +++++ 4.0342 | +++++ 3.8368 | 3.6244 4.0284 | 3.3987 | 3.9794 | Ave | | 3.8170 | | | | 6.7 | | 30.0 | | | |
| Acetonitrile | +++++ 1.0556 | +++++ 1.0023 | +++++ 1.0522 | 0.8537 | 1.0448 | Ave | | 1.0017 | | | | 8.5 | | 30.0 | | | |
| 3-Chloropropene | +++++ 1.7036 | 2.0367 1.6203 | 1.5510 1.7216 | 1.2301 | 1.6272 | Ave | | 1.6415 | | | | 14.6 | | 30.0 | | | |
| Methylene Chloride | +++++ 1.5265 | +++++ 1.4320 | 1.5440 1.4847 | 1.3162 | 1.5257 | Ave | | 1.4715 | | | | 5.9 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 2.5042 | +++++ 2.4506 | +++++ 2.6436 | 1.7283 | 2.3493 | Ave | | 2.3352 | | | | 15.2 | | 30.0 | | | |
| Acrylonitrile | +++++ 1.0049 | +++++ 0.9740 | 0.7838 1.0402 | 0.7554 | 0.9655 | Ave | | 0.9206 | | | | 13.1 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.9220 1.9246 | 2.0373 1.8356 | 1.6050 1.9124 | 1.5704 | 1.9019 | Ave | | 1.8387 | | | | 9.0 | | 30.0 | | | |
| Methyl tert-butyl ether | +++++ 3.7039 | 3.2413 3.5914 | 2.8533 3.7862 | 2.7068 | 3.5439 | Ave | | 3.3467 | | | | 12.7 | | 30.0 | | | |
| n-Hexane | +++++ 2.2299 | 1.9428 2.1520 | 1.6205 2.2679 | 1.6005 | 2.1489 | Ave | | 1.9946 | | | | 14.1 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.7813 2.4848 | 2.7488 2.3633 | 2.1700 2.4457 | 2.0762 | 2.4648 | Ave | | 2.4419 | | | | 10.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | +++++ 2.8660 | +++++ 2.7842 | +++++ 3.0682 | 1.7971 | 2.6463 | Ave | | 2.6324 | | | | 18.7 | | 30.0 | | | |
| Methyl Ethyl Ketone (2-Butanone) | +++++ 0.7364 | +++++ 0.7173 | 0.4083 0.7636 | 0.5146 | 0.6957 | Ave | | 0.6393 | | | | 22.5 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.4135 1.5349 | 1.5162 1.4858 | 1.2638 1.5417 | 1.1845 | 1.5072 | Ave | | 1.4309 | | | | 9.5 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.1379 | +++++ 0.1348 | +++++ 0.1428 | 0.0976 | 0.1299 | Ave | | 0.1286 | | | | 14.0 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.3121 | +++++ 0.2957 | +++++ 0.3112 | 0.2287 | 0.3012 | Ave | | 0.2898 | | | | 12.0 | | 30.0 | | | |
| Chloroform | +++++ 2.7057 | 2.9488 2.5942 | 2.4156 2.6906 | 2.2782 | 2.6806 | Ave | | 2.6163 | | | | 8.3 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.5194 | 0.5637 0.4986 | 0.4577 0.5216 | 0.4276 | 0.5124 | Ave | | 0.5001 | | | | 9.0 | | 30.0 | | | |
| Cyclohexane | +++++ 0.3971 | 0.3455 0.3843 | 0.2908 0.4047 | 0.2866 | 0.3839 | Ave | | 0.3561 | | | | 14.0 | | 30.0 | | | |
| Carbon tetrachloride | 0.5396 0.5318 | 0.5131 0.5096 | 0.4417 0.5369 | 0.4370 | 0.5219 | Ave | | 0.5040 | | | | 8.2 | | 30.0 | | | |
| Benzene | +++++ 0.8971 | 0.9447 0.8594 | 0.7625 0.9010 | 0.7135 | 0.8781 | Ave | | 0.8509 | | | | 9.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.3209 | 0.3249 0.3033 | 0.2678 0.3187 | 0.2678 | 0.3182 | Ave | | 0.3031 | | | | 8.3 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | +++++ 1.4458 | 1.1796 1.3776 | 1.0104 1.4359 | 1.0842 | 1.4132 | Ave | | 1.2781 | | | | 14.3 | | 30.0 | | | |
| n-Heptane | +++++ 0.5039 | 0.3766 0.4761 | 0.3322 0.4999 | 0.3765 | 0.4926 | Ave | | 0.4368 | | | | 16.5 | | 30.0 | | | |
| n-Butanol | +++++ 0.1989 | +++++ 0.1945 | +++++ 0.2144 | 0.1255 | 0.1881 | Ave | | 0.1843 | | | | 18.6 | | 30.0 | | | |
| Trichloroethene | 0.4133 0.3703 | 0.4043 0.3578 | 0.3185 0.3750 | 0.2993 | 0.3650 | Ave | | 0.3629 | | | | 10.7 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.3359 | 0.3296 0.3178 | 0.2786 0.3272 | 0.2738 | 0.3330 | Ave | | 0.3137 | | | | 8.4 | | 30.0 | | | |
| Methyl methacrylate | +++++ 0.3287 | +++++ 0.3227 | 0.1699 0.3433 | 0.2228 | 0.3138 | Ave | | 0.2835 | | | | 24.8 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1935 | 0.1663 0.1860 | 0.1403 0.1911 | 0.1497 | 0.1930 | Ave | | 0.1742 | | | | 12.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromomethane | +++++ 0.3669 | 0.4389 0.3571 | 0.3319 0.3696 | 0.3064 | 0.3633 | Ave | | 0.3620 | | | | 11.3 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.5811 | 0.5759 0.5562 | 0.4751 0.5821 | 0.4717 | 0.5712 | Ave | | 0.5448 | | | | 9.1 | | 30.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.5333 | 0.4418 0.5196 | 0.3583 0.5547 | 0.3597 | 0.5004 | Ave | | 0.4668 | | | | 17.5 | | 30.0 | | | |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | +++++ 0.6178 | +++++ 0.5950 | 0.3362 0.6308 | 0.4101 | 0.5872 | Ave | | 0.5295 | | | | 23.5 | | 30.0 | | | |
| Toluene | +++++ 0.7306 | 0.6190 0.7022 | 0.5287 0.7385 | 0.5576 | 0.7133 | Ave | | 0.6557 | | | | 13.2 | | 30.0 | | | |
| n-Octane | +++++ 0.7161 | 0.4570 0.6750 | 0.4073 0.6947 | 0.5500 | 0.7068 | Ave | | 0.6010 | | | | 21.4 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.4266 | 0.3200 0.4118 | 0.2789 0.4382 | 0.3125 | 0.4075 | Ave | | 0.3708 | | | | 17.4 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.3501 | 0.3667 0.3326 | 0.2934 0.3501 | 0.2915 | 0.3444 | Ave | | 0.3327 | | | | 8.8 | | 30.0 | | | |
| Tetrachloroethene | 0.6440 0.6036 | 0.6512 0.5861 | 0.5112 0.6147 | 0.4927 | 0.5942 | Ave | | 0.5872 | | | | 9.8 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | +++++ 0.6597 | +++++ 0.6343 | 0.3076 0.6904 | 0.4150 | 0.6125 | Ave | | 0.5533 | | | | 28.0 | | 30.0 | | | |
| Dibromochloromethane | +++++ 0.6978 | 0.6041 0.6767 | 0.5366 0.7165 | 0.5560 | 0.6773 | Ave | | 0.6379 | | | | 11.3 | | 30.0 | | | |
| 1,2-Dibromoethane | +++++ 0.6232 | 0.5873 0.6051 | 0.4848 0.6395 | 0.4876 | 0.6064 | Ave | | 0.5762 | | | | 11.0 | | 30.0 | | | |
| Chlorobenzene | +++++ 0.9961 | 1.1136 0.9559 | 0.9028 0.9948 | 0.8336 | 0.9890 | Ave | | 0.9694 | | | | 9.0 | | 30.0 | | | |
| Ethylbenzene | +++++ 1.6138 | 1.4276 1.5487 | 1.1900 1.6167 | 1.2604 | 1.5781 | Ave | | 1.4622 | | | | 12.0 | | 30.0 | | | |
| m,p-Xylene | +++++ 0.6401 | 0.5139 0.6128 | 0.4480 0.6316 | 0.5217 | 0.6357 | Ave | | 0.5720 | | | | 13.4 | | 30.0 | | | |
| n-Nonane | +++++ 0.8128 | 0.6023 0.7641 | 0.5357 0.7844 | 0.6831 | 0.8157 | Ave | | 0.7140 | | | | 15.4 | | 30.0 | | | |
| o-Xylene | +++++ 0.6048 | 0.4554 0.5837 | 0.4068 0.6101 | 0.4494 | 0.5920 | Ave | | 0.5289 | | | | 16.5 | | 30.0 | | | |
| Styrene | +++++ 1.0298 | 0.6496 0.9914 | 0.5799 1.0317 | 0.7937 | 1.0071 | Ave | | 0.8690 | | | | 22.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Bromoform | +++++ 0.7040 | 0.4999 0.6856 | 0.5126 0.7359 | 0.5450 | 0.6642 | Ave | | 0.6210 | | | | 15.9 | | 30.0 | | | |
| Cumene | +++++ 1.8292 | 1.2814 1.7556 | 1.1237 1.8270 | 1.3827 | 1.7901 | Ave | | 1.5700 | | | | 19.0 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.9475 | 0.9970 0.8967 | 0.7674 0.9350 | 0.7851 | 0.9400 | Ave | | 0.8955 | | | | 9.7 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.7219 | +++++ 0.6865 | 0.5938 0.7117 | 0.5958 | 0.7202 | Ave | | 0.6717 | | | | 9.1 | | 30.0 | | | |
| n-Propylbenzene | +++++ 2.2398 | 1.8444 2.1383 | 1.5082 2.1967 | 1.7689 | 2.2255 | Ave | | 1.9888 | | | | 14.3 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 1.5257 | 1.3960 1.4518 | 1.1317 1.5083 | 1.2282 | 1.5066 | Ave | | 1.3926 | | | | 11.1 | | 30.0 | | | |
| 4-Ethyltoluene | +++++ 1.8455 | 1.3974 1.7676 | 1.1898 1.8120 | 1.4935 | 1.8378 | Ave | | 1.6205 | | | | 16.1 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.5182 | 1.3174 1.4486 | 1.1299 1.4668 | 1.2463 | 1.5146 | Ave | | 1.3774 | | | | 10.8 | | 30.0 | | | |
| n-Decane | +++++ 1.0610 | +++++ 0.9915 | 0.7351 0.9947 | 0.8802 | 1.0631 | Ave | | 0.9543 | | | | 13.2 | | 30.0 | | | |
| Alpha Methyl Styrene | +++++ 0.8273 | 0.5463 0.8021 | 0.4339 0.8507 | 0.5717 | 0.7984 | Ave | | 0.6901 | | | | 24.3 | | 30.0 | | | |
| tert-Butylbenzene | +++++ 1.4986 | 1.2448 1.4401 | 1.0530 1.4751 | 1.2009 | 1.4845 | Ave | | 1.3424 | | | | 13.1 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.5361 | 1.1726 1.4678 | 1.0116 1.5252 | 1.2241 | 1.5214 | Ave | | 1.3513 | | | | 15.7 | | 30.0 | | | |
| sec-Butylbenzene | +++++ 2.3063 | 1.8648 2.1977 | 1.5750 2.2455 | 1.8058 | 2.2770 | Ave | | 2.0389 | | | | 14.1 | | 30.0 | | | |
| 1,3-Dichlorobenzene | +++++ 1.0902 | 1.1497 1.0420 | 0.7966 1.0758 | 0.8634 | 1.0791 | Ave | | 1.0138 | | | | 12.9 | | 30.0 | | | |
| 4-Isopropyltoluene | +++++ 1.9949 | 1.5287 1.8928 | 1.2506 1.9269 | 1.5440 | 1.9624 | Ave | | 1.7286 | | | | 16.6 | | 30.0 | | | |
| 1,4-Dichlorobenzene | +++++ 1.0905 | 1.0996 1.0417 | 0.7721 1.0971 | 0.8387 | 1.0666 | Ave | | 1.0009 | | | | 13.6 | | 30.0 | | | |
| Benzyl chloride | +++++ 1.3897 | 0.9169 1.3430 | 0.6631 1.4646 | 0.9697 | 1.3300 | Ave | | 1.1539 | | | | 26.2 | | 30.0 | | | |
| n-Butylbenzene | +++++ 1.8327 | 1.3308 1.7595 | 1.0154 1.8121 | 1.3888 | 1.8138 | Ave | | 1.5647 | | | | 20.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | +++++ 1.0393 | 1.2078 0.9985 | 0.7942 1.0383 | 0.8308 | 1.0318 | Ave | | 0.9915 | | | | 14.1 | | 30.0 | | | |
| n-Undecane | +++++ 1.1928 | +++++ 1.1232 | +++++ 1.1542 | 0.9250 | 1.1823 | Ave | | 1.1155 | | | | 9.9 | | 30.0 | | | |
| n-Dodecane | +++++ 1.1210 | +++++ 1.0895 | +++++ 1.1465 | 0.6819 | 0.9726 | Ave | | 1.0023 | | | | 19.1 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.7222 | +++++ 0.7236 | 0.2505 0.8128 | 0.4305 | 0.6646 | Ave | | 0.6007 | | | | 35.7 | * | 30.0 | | | |
| Hexachlorobutadiene | +++++ 0.7695 | 1.0635 0.7537 | 0.6093 0.7789 | 0.5817 | 0.7521 | Ave | | 0.7584 | | | | 20.6 | | 30.0 | | | |
| Naphthalene | +++++ 1.5893 | 1.6811 1.5713 | 0.3901 1.8476 | 0.8928 | 1.4014 | Ave | | 1.3391 | | | | 38.5 | * | 30.0 | | | |
| 1,2,3-Trichlorobenzene | +++++ 0.6556 | +++++ 0.6563 | 0.2446 0.7562 | 0.3832 | 0.5886 | Ave | | 0.5474 | | | | 35.4 | * | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212624/5 | 63614-05.d |
| Level 2 | IC 200-212624/19 | 63614-19.d |
| Level 3 | IC 200-212624/25 | 63614-25.D |
| Level 4 | IC 200-212624/12 | 63614-12.d |
| Level 5 | ICIS 200-212624/13 | 63614-13.d |
| Level 6 | IC 200-212624/14 | 63614-14.d |
| Level 7 | IC 200-212624/17 | 63614-17.d |
| Level 8 | IC 200-212624/18 | 63614-18.d |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| Propylene | BCM | Ave | +++++ 279166 | +++++ 357012 | +++++ 755104 | 60665 | 176264 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.24 | 10.00 |
| Dichlorodifluoromethane | BCM | Ave | +++++ 813323 | +++++ 1061822 | 21679 2212454 | 182669 | 516769 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Chlorodifluoromethane | BCM | Ave | +++++ 503175 | +++++ 643724 | 13191 1344801 | 113908 | 320978 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| 1,2-Dichlorotetrafluoroethane | BCM | Ave | +++++ 901490 | 11426 1182257 | 23952 2460029 | 201424 | 574155 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Chloromethane | BCM | Ave | +++++ 313625 | +++++ 401385 | 8539 844458 | 71128 | 200383 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Vinyl chloride | BCM | Ave | 853 295948 | 3891 379887 | 7778 776294 | 68744 | 191962 | 0.0351 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| n-Butane | BCM | Ave | +++++ 428706 | +++++ 540218 | 12424 1112859 | 97932 | 276498 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| 1,3-Butadiene | BCM | Ave | 857 229274 | 3102 292959 | 5947 608181 | 51442 | 147563 | 0.0351 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Bromomethane | BCM | Ave | +++++ 321860 | 4491 426846 | 8616 897653 | 72098 | 204355 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Chloroethane | BCM | Ave | +++++ 194863 | +++++ 256563 | 5210 543067 | 43031 | 123109 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Isopentane | BCM | Ave | +++++ 401268 | 5617 521395 | 10373 1113846 | 82050 | 249247 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Bromoethene(Vinyl Bromide) | BCM | Ave | +++++ 308906 | 4018 416233 | 8273 888017 | 63574 | 192179 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Trichlorofluoromethane | BCM | Ave | +++++ 755033 | 9921 1002582 | 20248 2100415 | 170483 | 483239 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| n-Pentane | BCM | Ave | +++++ 606932 | +++++ 792844 | 14858 1695401 | 120298 | 378798 | +++++ 15.0 | +++++ 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| Ethanol | BCM | Ave | +++++ 212888 | +++++ 419915 | 8579 1119330 | 81928 | 153284 | +++++ 20.0 | +++++ 40.0 | 0.849 100.0 | 8.49 | 15.0 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether | BCM | Ave | +++++<br>248952 | 2627<br>334011 | 5579<br>713463 | 48689 | 153455 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Acrolein | BCM | Ave | +++++<br>155983 | +++++<br>206784 | +++++<br>445070 | 28987 | 93458 | +++++<br>17.6 | +++++<br>23.4 | +++++<br>46.8 | 4.97 | 11.7 |
| 1,1-Dichloroethene | BCM | Ave | 739<br>347541 | 4376<br>464483 | 8849<br>990311 | 72528 | 216113 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,2-Trichlorotrifluoroethane | BCM | Ave | +++++<br>716236 | 9438<br>948661 | 19055<br>1994345 | 161111 | 458723 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Acetone | BCM | Ave | +++++<br>478671 | +++++<br>603188 | +++++<br>1332450 | 100080 | 291954 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Isopropyl alcohol | BCM | Ave | +++++<br>580356 | +++++<br>767762 | +++++<br>1683394 | 107004 | 357135 | +++++<br>17.4 | +++++<br>23.2 | +++++<br>46.4 | 4.92 | 11.6 |
| Carbon disulfide | BCM | Ave | +++++<br>1043050 | +++++<br>1366511 | 27200<br>2916364 | 231658 | 660808 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Acetonitrile | BCM | Ave | +++++<br>272920 | +++++<br>356972 | +++++<br>761757 | 58190 | 173503 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| 3-Chloropropene | BCM | Ave | +++++<br>440458 | 6100<br>577099 | 11640<br>1246318 | 83844 | 270215 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methylene Chloride | BCM | Ave | +++++<br>394683 | +++++<br>510023 | 11587<br>1074862 | 89711 | 253357 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| tert-Butyl alcohol | BCM | Ave | +++++<br>647455 | +++++<br>872826 | +++++<br>1913821 | 117804 | 390124 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Acrylonitrile | BCM | Ave | +++++<br>259807 | +++++<br>346911 | 5882<br>753046 | 51488 | 160335 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| trans-1,2-Dichloroethene | BCM | Ave | 1096<br>497605 | 6102<br>653775 | 12045<br>1384446 | 107043 | 315818 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl tert-butyl ether | BCM | Ave | +++++<br>957645 | 9708<br>1279137 | 21413<br>2740991 | 184497 | 588481 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Hexane | BCM | Ave | +++++<br>576534 | 5819<br>766462 | 12161<br>1641829 | 109090 | 356833 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1-Dichloroethane | BCM | Ave | 1586<br>642447 | 8233<br>841733 | 16285<br>1770576 | 141516 | 409290 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Vinyl acetate | BCM | Ave | +++++<br>844015 | +++++<br>1129466 | +++++<br>2529982 | 139518 | 500525 | +++++<br>17.1 | +++++<br>22.8 | +++++<br>45.6 | 4.83 | 11.4 |
| Methyl Ethyl Ketone (2-Butanone) | BCM | Ave | +++++<br>190399 | +++++<br>255458 | 3064<br>552832 | 35079 | 115528 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| cis-1,2-Dichloroethene | BCM | Ave | 806<br>396853 | 4541<br>529170 | 9484<br>1116092 | 80738 | 250287 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Ethyl acetate | BCM | Ave | +++++<br>35662 | +++++<br>48024 | +++++<br>103378 | 6651 | 21564 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Tetrahydrofuran | DFBZ | Ave | +++++ | +++++ | +++++ | 78507 | 251676 | +++++ | +++++ | +++++ | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 406215 | 534438 | 1142267 | | | 15.0 | 20.0 | 40.0 | | |
| Chloroform | BCM | Ave | +++++<br>699571 | 8832<br>923953 | 18128<br>1947864 | 155289 | 445133 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,1-Trichloroethane | DFBZ | Ave | +++++<br>676138 | 8505<br>901004 | 17458<br>1914292 | 146819 | 428133 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Cyclohexane | DFBZ | Ave | +++++<br>516924 | 5213<br>694544 | 11092<br>1485495 | 98398 | 320734 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Carbon tetrachloride | DFBZ | Ave | 1512<br>692223 | 7742<br>920968 | 16849<br>1970755 | 150054 | 436108 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Benzene | DFBZ | Ave | +++++<br>1167824 | 14255<br>1553038 | 29085<br>3306817 | 244970 | 733667 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++<br>417785 | 4902<br>548032 | 10215<br>1169739 | 91941 | 265853 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | +++++<br>1882113 | 17799<br>2489384 | 38541<br>5270369 | 372254 | 1180830 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Heptane | DFBZ | Ave | +++++<br>655888 | 5682<br>860362 | 12671<br>1834705 | 129255 | 411633 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Butanol | DFBZ | Ave | +++++<br>258963 | +++++<br>351552 | +++++<br>786855 | 43082 | 157155 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Trichloroethene | DFBZ | Ave | 1158<br>482038 | 6100<br>646632 | 12149<br>1376406 | 102752 | 305005 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>437253 | 4973<br>574218 | 10628<br>1200888 | 94000 | 278227 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>427860 | +++++<br>583140 | 6479<br>1260042 | 76483 | 262178 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>251869 | 2509<br>336111 | 5350<br>701441 | 51382 | 161221 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Dibromomethane | DFBZ | Ave | +++++<br>477591 | 6623<br>645243 | 12660<br>1356539 | 105201 | 303593 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromodichloromethane | DFBZ | Ave | +++++<br>756454 | 8690<br>1005142 | 18121<br>2136588 | 161944 | 477295 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | +++++<br>694186 | 6666<br>938957 | 13667<br>2035937 | 123493 | 418074 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | DFBZ | Ave | +++++<br>804268 | +++++<br>1075286 | 12825<br>2315242 | 140802 | 490671 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Toluene | CBNZd5 | Ave | +++++<br>841903 | 8040<br>1127446 | 17147<br>2381576 | 165391 | 525555 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Octane | DFBZ | Ave | +++++<br>932187 | 6896<br>1219714 | 15538<br>2549942 | 188829 | 590606 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| trans-1,3-Dichloropropene | DFBZ | Ave | +++++<br>555367 | 4828<br>744142 | 10640<br>1608407 | 107305 | 340464 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>403403 | 4763<br>533976 | 9516<br>1128948 | 86448 | 253763 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Tetrachloroethene | CBNZd5 | Ave | 1558<br>695500 | 8459<br>941081 | 16582<br>1982314 | 146138 | 437794 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd5 | Ave | +++++<br>760197 | +++++<br>1018425 | 9978<br>2226346 | 123086 | 451274 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Dibromochloromethane | CBNZd5 | Ave | +++++<br>804037 | 7847<br>1086428 | 17404<br>2310662 | 164915 | 499065 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dibromoethane | CBNZd5 | Ave | +++++<br>718063 | 7628<br>971490 | 15723<br>2062082 | 144619 | 446788 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>1147801 | 14464<br>1534802 | 29281<br>3208012 | 247264 | 728719 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>1859588 | 18543<br>2486548 | 38597<br>5213582 | 373839 | 1162781 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| m,p-Xylene | CBNZd5 | Ave | +++++<br>1475247 | 13350<br>1967889 | 29061<br>4073727 | 309491 | 936759 | +++++<br>30.0 | 0.341<br>40.0 | 0.849<br>80.0 | 8.49 | 20.0 |
| n-Nonane | CBNZd5 | Ave | +++++<br>936636 | 7823<br>1226805 | 17374<br>2529452 | 202604 | 600972 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| o-Xylene | CBNZd5 | Ave | +++++<br>696961 | 5915<br>937125 | 13194<br>1967323 | 133303 | 436160 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Styrene | CBNZd5 | Ave | +++++<br>1186695 | 8438<br>1591742 | 18808<br>3327101 | 235431 | 742000 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromoform | CBNZd5 | Ave | +++++<br>811253 | 6493<br>1100696 | 16625<br>2373048 | 161661 | 489366 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Cumene | CBNZd5 | Ave | +++++<br>2107818 | 16644<br>2818751 | 36446<br>5891603 | 410119 | 1318941 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,2,2-Tetrachloroethane | CBNZd5 | Ave | +++++ | 12950 | 24889 | 232878 | 692625 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| | | | 1091818 | 1439702 | 3015002 | | | 15.0 | 20.0 | 40.0 | | |
| 1,2,3-Trichloropropane | CBNZd5 | Ave | +++++ | +++++ | 19260 | 176710 | 530664 | +++++ | +++++ | 0.424 | 4.24 | 10.00 |
| | | | 831818 | 1102238 | 2295210 | | | 15.0 | 20.0 | 40.0 | | |
| n-Propylbenzene | CBNZd5 | Ave | +++++ | 23957 | 48916 | 524658 | 1639742 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 2580958 | 3433044 | 7083775 | | | 15.0 | 20.0 | 40.0 | | |
| 2-Chlorotoluene | CBNZd5 | Ave | +++++ | 18132 | 36706 | 364294 | 1110096 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1758109 | 2330880 | 4864048 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Ethyltoluene | CBNZd5 | Ave | +++++ | 18151 | 38592 | 442973 | 1354080 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 2126544 | 2837980 | 5843193 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3,5-Trimethylbenzene | CBNZd5 | Ave | +++++ | 17111 | 36649 | 369663 | 1115937 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1749417 | 2325816 | 4730203 | | | 15.0 | 20.0 | 40.0 | | |
| n-Decane | CBNZd5 | Ave | +++++ | +++++ | 23843 | 261067 | 783266 | +++++ | +++++ | 0.424 | 4.24 | 10.00 |
| | | | 1222631 | 1591956 | 3207694 | | | 15.0 | 20.0 | 40.0 | | |
| Alpha Methyl Styrene | CBNZd5 | Ave | +++++ | 7096 | 14072 | 169585 | 588239 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 953286 | 1287845 | 2743333 | | | 15.0 | 20.0 | 40.0 | | |
| tert-Butylbenzene | CBNZd5 | Ave | +++++ | 16169 | 34153 | 356188 | 1093748 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1726807 | 2312104 | 4756877 | | | 15.0 | 20.0 | 40.0 | | |
| 1,2,4-Trimethylbenzene | CBNZd5 | Ave | +++++ | 15231 | 32812 | 363065 | 1121004 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1770047 | 2356654 | 4918412 | | | 15.0 | 20.0 | 40.0 | | |
| sec-Butylbenzene | CBNZd5 | Ave | +++++ | 24222 | 51085 | 535621 | 1677713 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 2657514 | 3528520 | 7241105 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3-Dichlorobenzene | CBNZd5 | Ave | +++++ | 14934 | 25838 | 256094 | 795101 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1256293 | 1673007 | 3469070 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Isopropyltoluene | CBNZd5 | Ave | +++++ | 19856 | 40561 | 457972 | 1445867 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 2298766 | 3038885 | 6213754 | | | 15.0 | 20.0 | 40.0 | | |
| 1,4-Dichlorobenzene | CBNZd5 | Ave | +++++ | 14283 | 25043 | 248780 | 785867 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1256543 | 1672466 | 3537990 | | | 15.0 | 20.0 | 40.0 | | |
| Benzyl chloride | CBNZd5 | Ave | +++++ | 11910 | 21508 | 287631 | 979959 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1601407 | 2156161 | 4722944 | | | 15.0 | 20.0 | 40.0 | | |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene | CBNZd5 | Ave | +++++ 2111854 | 17286 2824939 | 32935 5843703 | 411917 | 1336391 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| 1,2-Dichlorobenzene | CBNZd5 | Ave | +++++ 1197629 | 15688 1603116 | 25758 3348371 | 246423 | 760242 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| n-Undecane | CBNZd5 | Ave | +++++ 1374411 | +++++ 1803388 | +++++ 3722143 | 274358 | 871142 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.24 | 10.00 |
| n-Dodecane | CBNZd5 | Ave | +++++ 1291784 | +++++ 1749271 | +++++ 3697027 | 202248 | 716588 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.24 | 10.00 |
| 1,2,4-Trichlorobenzene | CBNZd5 | Ave | +++++ 976140 | +++++ 1362736 | 9531 3074450 | 149782 | 574432 | +++++ 17.6 | +++++ 23.5 | 0.498 46.9 | 4.98 | 11.7 |
| Hexachlorobutadiene | CBNZd5 | Ave | +++++ 996701 | 15526 1360106 | 22213 2823085 | 193930 | 622858 | +++++ 16.9 | 0.192 22.5 | 0.477 45.0 | 4.77 | 11.2 |
| Naphthalene | CBNZd5 | Ave | +++++ 2177539 | 25962 2999621 | 15043 7083964 | 314862 | 1227663 | +++++ 17.8 | 0.203 23.8 | 0.505 47.6 | 5.05 | 11.9 |
| 1,2,3-Trichlorobenzene | CBNZd5 | Ave | +++++ 880109 | +++++ 1227485 | 9241 2840993 | 132398 | 505254 | +++++ 17.5 | +++++ 23.3 | 0.494 46.6 | 4.94 | 11.6 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-76885-1 | Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 | Calibration End Date: 01/08/2025 12:11 | Calibration ID: 54299

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212624/5 | 63614-05.d |
| Level 2 | IC 200-212624/19 | 63614-19.d |
| Level 3 | IC 200-212624/25 | 63614-25.D |
| Level 4 | IC 200-212624/12 | 63614-12.d |
| Level 5 | ICIS 200-212624/13 | 63614-13.d |
| Level 6 | IC 200-212624/14 | 63614-14.d |
| Level 7 | IC 200-212624/17 | 63614-17.d |
| Level 8 | IC 200-212624/18 | 63614-18.d |

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Propylene | +++++ -1.3 | +++++ 2.7 | +++++ | -12.3 | 4.5 | 6.3 | 30 | 30 | | 50 | 30 | 30 |
| Dichlorodifluoromethane | +++++ 0.1 | +++++ 2.6 | -3.0 | -10.0 | 4.5 | 5.7 | 30 | 30 | 50 | 30 | 30 | 30 |
| Chlorodifluoromethane | +++++ -1.2 | +++++ 1.6 | -3.9 | -8.6 | 5.7 | 6.4 | 30 | 30 | 50 | 30 | 30 | 30 |
| 1,2-Dichlorotetrafluoroethane | +++++ -1.6 | 13.0 0.7 | -5.4 | -12.4 | 2.5 | 3.3 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Chloromethane | +++++ -1.9 | +++++ 1.5 | -1.0 | -9.2 | 5.0 | 5.6 | 30 | 30 | 50 | 30 | 30 | 30 |
| Vinyl chloride | 29.0 -8.0 | 12.0 -7.6 | -10.6 | -13.1 | -0.3 | -1.3 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| n-Butane | +++++ -3.9 | +++++ -2.6 | 4.9 | -9.0 | 5.5 | 5.1 | 30 | 30 | 50 | 30 | 30 | 30 |
| 1,3-Butadiene | 59.8 * -12.5 | 10.1 -10.7 | -15.7 | -19.8 | -5.5 | -5.7 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| Bromomethane | +++++ -2.7 | 21.8 0.7 | -6.8 | -14.1 | -0.1 | 1.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Chloroethane | +++++ 0.7 | +++++ 4.9 | -2.9 | -11.7 | 3.7 | 5.4 | 30 | 30 | 50 | 30 | 30 | 30 |
| Isopentane | +++++ -2.6 | 24.8 2.4 | -8.0 | -19.9 | -0.1 | 3.3 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Bromoethene(Vinyl Bromide) | +++++ 0.7 | 15.6 5.7 | -5.0 | -19.6 | -0.3 | 2.9 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Trichlorofluoromethane | +++++ -1.8 | 15.6 1.3 | -5.8 | -12.7 | 1.6 | 1.9 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Pentane | +++++ 3.2 | +++++ 8.6 | -8.2 | -18.2 | 5.8 | 8.8 | 30 | 30 | 50 | 30 | 30 | 30 |
| Ethanol | +++++ -2.1 | +++++ 2.8 | -5.1 | -0.2 | 2.2 | 2.4 | 30 | 30 | 50 | 30 | 30 | 30 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington | Job No.: 200-76885-1 | Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 | Calibration End Date: 01/08/2025 12:11 | Calibration ID: 54299

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Ethyl ether | +++++ 6.8 | -0.1 12.3 | -15.3 | -18.6 | 5.3 | 9.7 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Acrolein | +++++ 4.2 | +++++ 10.3 | +++++ | -23.7 | 1.0 | 8.2 | 30 | 30 | | 50 | 30 | 30 |
| 1,1-Dichloroethene | 0.5 1.1 | 13.3 6.1 | -8.6 | -17.5 | 0.9 | 4.2 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| 1,1,2-Trichlorotrifluoroethane | +++++ -1.9 | 16.1 1.5 | -6.5 | -12.9 | 1.7 | 2.0 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Acetone | +++++ -1.7 | +++++ 6.9 | +++++ | -14.8 | 2.1 | 7.5 | 30 | 30 | | 50 | 30 | 30 |
| Isopropyl alcohol | +++++ 3.2 | +++++ 11.3 | +++++ | -24.9 | 2.9 | 7.4 | 30 | 30 | | 50 | 30 | 30 |
| Carbon disulfide | +++++ 0.5 | +++++ 5.5 | -5.0 | -11.0 | 4.3 | 5.7 | 30 | 30 | 50 | 30 | 30 | 30 |
| Acetonitrile | +++++ 0.1 | +++++ 5.0 | +++++ | -14.8 | 4.3 | 5.4 | 30 | 30 | | 50 | 30 | 30 |
| 3-Chloropropene | +++++ -1.3 | 24.1 4.9 | -5.5 | -25.1 | -0.9 | 3.8 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Methylene Chloride | +++++ -2.7 | +++++ 0.9 | 4.9 | -10.6 | 3.7 | 3.7 | 30 | 30 | 50 | 30 | 30 | 30 |
| tert-Butyl alcohol | +++++ 4.9 | +++++ 13.2 | +++++ | -26.0 | 0.6 | 7.2 | 30 | 30 | | 50 | 30 | 30 |
| Acrylonitrile | +++++ 5.8 | +++++ 13.0 | -14.9 | -17.9 | 4.9 | 9.1 | 30 | 30 | 50 | 30 | 30 | 30 |
| trans-1,2-Dichloroethene | 4.5 -0.2 | 10.8 4.0 | -12.7 | -14.6 | 3.4 | 4.7 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| Methyl tert-butyl ether | +++++ 7.3 | -3.1 13.1 | -14.7 | -19.1 | 5.9 | 10.7 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Hexane | +++++ 7.9 | -2.6 13.7 | -18.8 | -19.8 | 7.7 | 11.8 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,1-Dichloroethane | 13.9 -3.2 | 12.6 0.2 | -11.1 | -15.0 | 0.9 | 1.8 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| Vinyl acetate | +++++ 5.8 | +++++ 16.6 | +++++ | -31.7 | 0.5 | 8.9 | 30 | 30 | | 50 | 30 | 30 |
| Methyl Ethyl Ketone (2-Butanone) | +++++ 12.2 | +++++ 19.4 | -36.1 | -19.5 | 8.8 | 15.2 | 30 | 30 | 50 | 30 | 30 | 30 |
| cis-1,2-Dichloroethene | -1.2 3.8 | 6.0 7.7 | -11.7 | -17.2 | 5.3 | 7.3 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| Ethyl acetate | +++++ 4.8 | +++++ 11.0 | +++++ | -24.1 | 1.0 | 7.3 | 30 | 30 | | 50 | 30 | 30 |
| Tetrahydrofuran | +++++ 2.1 | +++++ 7.4 | +++++ | -21.1 | 3.9 | 7.7 | 30 | 30 | | 50 | 30 | 30 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Chloroform | +++++ -0.8 | 12.7 2.8 | -7.7 | -12.9 | 2.5 | 3.4 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,1,1-Trichloroethane | +++++ -0.3 | 12.7 4.3 | -8.5 | -14.5 | 2.5 | 3.9 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Cyclohexane | +++++ 7.9 | -3.0 13.6 | -18.3 | -19.5 | 7.8 | 11.5 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Carbon tetrachloride | 7.1 1.1 | 1.8 6.5 | -12.4 | -13.3 | 3.6 | 5.5 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| Benzene | +++++ 1.0 | 11.0 5.9 | -10.4 | -16.1 | 3.2 | 5.4 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,2-Dichloroethane | +++++ 0.1 | 7.2 5.2 | -11.6 | -11.6 | 5.0 | 5.9 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 2,2,4-Trimethylpentane | +++++ 7.8 | -7.7 12.3 | -20.9 | -15.2 | 10.6 | 13.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Heptane | +++++ 9.0 | -13.8 14.4 | -24.0 | -13.8 | 12.8 | 15.3 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Butanol | +++++ 5.6 | +++++ 16.3 | +++++ | -31.9 | 2.1 | 7.9 | 30 | 30 | | 50 | 30 | 30 |
| Trichloroethene | 13.9 -1.4 | 11.4 3.3 | -12.2 | -17.5 | 0.6 | 2.0 | 50 30 | 30 30 | 30 | 30 | 30 | 30 |
| 1,2-Dichloropropane | +++++ 1.3 | 5.1 4.3 | -11.2 | -12.7 | 6.2 | 7.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Methyl methacrylate | +++++ 13.8 | +++++ 21.1 | -40.1 | -21.4 | 10.7 | 15.9 | 30 | 30 | 50 | 30 | 30 | 30 |
| 1,4-Dioxane | +++++ 6.7 | -4.6 9.7 | -19.5 | -14.1 | 10.7 | 11.0 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Dibromomethane | +++++ -1.4 | 21.2 2.1 | -8.3 | -15.4 | 0.4 | 1.3 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Bromodichloromethane | +++++ 2.1 | 5.7 6.9 | -12.8 | -13.4 | 4.9 | 6.7 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| cis-1,3-Dichloropropene | +++++ 11.3 | -5.4 18.8 | -23.2 | -22.9 | 7.2 | 14.2 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | +++++ 12.4 | +++++ 19.1 | -36.5 | -22.6 | 10.9 | 16.7 | 30 | 30 | 50 | 30 | 30 | 30 |
| Toluene | +++++ 7.1 | -5.6 12.6 | -19.4 | -15.0 | 8.8 | 11.4 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Octane | +++++ 12.3 | -24.0 15.6 | -32.2 * | -8.5 | 17.6 | 19.2 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| trans-1,3-Dichloropropene | +++++ 11.1 | -13.7 18.2 | -24.8 | -15.7 | 9.9 | 15.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,1,2-Trichloroethane | +++++ 0.0 | 10.2 5.2 | -11.8 | -12.4 | 3.5 | 5.2 | 30 | 50 30 | 30 | 30 | 30 | 30 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| Tetrachloroethene | 9.7<br>-0.2 | 10.9<br>4.7 | -12.9 | -16.1 | 1.2 | 2.8 | 50<br>30 | 30<br>30 | 30 | 30 | 30 | 30 |
| Methyl Butyl Ketone (2-Hexanone) | +++++<br>14.7 | +++++<br>24.8 | -44.4 | -25.0 | 10.7 | 19.2 | 30 | 30 | 50 | 30 | 30 | 30 |
| Dibromochloromethane | +++++<br>6.1 | -5.3<br>12.3 | -15.9 | -12.8 | 6.2 | 9.4 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 1,2-Dibromoethane | +++++<br>5.0 | 1.9<br>11.0 | -15.9 | -15.4 | 5.2 | 8.1 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| Chlorobenzene | +++++<br>-1.4 | 14.9<br>2.6 | -6.9 | -14.0 | 2.0 | 2.8 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| Ethylbenzene | +++++<br>5.9 | -2.4<br>10.6 | -18.6 | -13.8 | 7.9 | 10.4 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| m,p-Xylene | +++++<br>7.1 | -10.2<br>10.4 | -21.7 | -8.8 | 11.1 | 11.9 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| n-Nonane | +++++<br>7.0 | -15.6<br>9.9 | -25.0 | -4.3 | 14.2 | 13.8 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| o-Xylene | +++++<br>10.4 | -13.9<br>15.4 | -23.1 | -15.0 | 11.9 | 14.4 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| Styrene | +++++<br>14.1 | -25.2<br>18.7 | -33.3 * | -8.7 | 15.9 | 18.5 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| Bromoform | +++++<br>10.4 | -19.5<br>18.5 | -17.5 | -12.2 | 6.9 | 13.4 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| Cumene | +++++<br>11.8 | -18.4<br>16.4 | -28.4 | -11.9 | 14.0 | 16.5 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 1,1,2,2-Tetrachloroethane | +++++<br>0.1 | 11.3<br>4.4 | -14.3 | -12.3 | 5.0 | 5.8 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 1,2,3-Trichloropropane | +++++<br>2.2 | +++++<br>6.0 | -11.6 | -11.3 | 7.2 | 7.5 | 30 | 30 | 50 | 30 | 30 | 30 |
| n-Propylbenzene | +++++<br>7.5 | -7.3<br>10.5 | -24.2 | -11.1 | 11.9 | 12.6 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 2-Chlorotoluene | +++++<br>4.2 | 0.2<br>8.3 | -18.7 | -11.8 | 8.2 | 9.6 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 4-Ethyltoluene | +++++<br>9.1 | -13.8<br>11.8 | -26.6 | -7.8 | 13.4 | 13.9 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| 1,3,5-Trimethylbenzene | +++++<br>5.2 | -4.4<br>6.5 | -18.0 | -9.5 | 10.0 | 10.2 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| n-Decane | +++++<br>3.9 | +++++<br>4.2 | -23.0 | -7.8 | 11.4 | 11.2 | 30 | 30 | 50 | 30 | 30 | 30 |
| Alpha Methyl Styrene | +++++<br>16.2 | -20.8<br>23.3 | -37.1 * | -17.1 | 15.7 | 19.9 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |
| tert-Butylbenzene | +++++<br>7.3 | -7.3<br>9.9 | -21.6 | -10.5 | 10.6 | 11.6 | 30 | 50<br>30 | 30 | 30 | 30 | 30 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Burlington Job No.: 200-76885-1 Analy Batch No.: 212624

SDG No.:

Instrument ID: CHW.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/07/2025 19:13 Calibration End Date: 01/08/2025 12:11 Calibration ID: 54299

| ANALYTE | PERCENT ERROR | | | | | | PERCENT ERROR LIMIT | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 # LVL 7 # | LVL 2 # LVL 8 # | LVL 3 # | LVL 4 # | LVL 5 # | LVL 6 # | LVL 1 LVL 7 | LVL 2 LVL 8 | LVL 3 | LVL 4 | LVL 5 | LVL 6 |
| 1,2,4-Trimethylbenzene | +++++ 8.6 | -13.2 12.9 | -25.1 | -9.4 | 12.6 | 13.7 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| sec-Butylbenzene | +++++ 7.8 | -8.5 10.1 | -22.8 | -11.4 | 11.7 | 13.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,3-Dichlorobenzene | +++++ 2.8 | 13.4 6.1 | -21.4 | -14.8 | 6.4 | 7.5 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 4-Isopropyltoluene | +++++ 9.5 | -11.6 11.5 | -27.7 | -10.7 | 13.5 | 15.4 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,4-Dichlorobenzene | +++++ 4.1 | 9.9 9.6 | -22.9 | -16.2 | 6.6 | 8.9 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Benzyl chloride | +++++ 16.4 | -20.5 26.9 | -42.5 * | -16.0 | 15.3 | 20.4 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Butylbenzene | +++++ 12.4 | -14.9 15.8 | -35.1 * | -11.2 | 15.9 | 17.1 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,2-Dichlorobenzene | +++++ 0.7 | 21.8 4.7 | -19.9 | -16.2 | 4.1 | 4.8 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| n-Undecane | +++++ 0.7 | +++++ 3.5 | +++++ | -17.1 | 6.0 | 6.9 | 30 | 30 | | 50 | 30 | 30 |
| n-Dodecane | +++++ 8.7 | +++++ 14.4 | +++++ | -32.0 | -3.0 | 11.8 | 30 | 30 | | 50 | 30 | 30 |
| 1,2,4-Trichlorobenzene | +++++ 20.5 | +++++ 35.3 * | -58.3 * | -28.3 | 10.6 | 20.2 | 30 | 30 | 50 | 30 | 30 | 30 |
| Hexachlorobutadiene | +++++ -0.6 | 40.2 2.7 | -19.7 | -23.3 | -0.8 | 1.5 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| Naphthalene | +++++ 17.3 | 25.5 38.0 * | -70.9 * | -33.3 * | 4.7 | 18.7 | 30 | 50 30 | 30 | 30 | 30 | 30 |
| 1,2,3-Trichlorobenzene | +++++ 19.9 | +++++ 38.1 * | -55.3 * | -30.0 | 7.5 | 19.8 | 30 | 30 | 50 | 30 | 30 | 30 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Jan-2025 19:13:30 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-005
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:46 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 08-Jan-2025 14:55:55

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.077 | 4.072 | 0.005 | 93 | 1230 | 0.0351 | 0.0745 | |
| 2 Dichlorodifluoromethane | 85 | 4.168 | 4.163 | 0.005 | 96 | 2336 | 0.0351 | 0.0483 | |
| 3 Chlorodifluoromethane | 51 | | 4.200 | | | | ND | ND | MU |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 93 | 2530 | 0.0351 | 0.0461 | |
| 5 Chloromethane | 50 | 4.623 | 4.618 | 0.005 | 94 | 1039 | 0.0351 | 0.0556 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 94 | 853 | 0.0351 | 0.0452 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 95 | 2095 | 0.0351 | 0.0817 | |
| 8 Butadiene | 54 | 5.029 | 5.024 | 0.005 | 77 | 857 | 0.0351 | 0.0561 | |
| 9 Bromomethane | 94 | 5.762 | 5.768 | -0.006 | 90 | 886 | 0.0351 | 0.0443 | |
| 10 Chloroethane | 64 | | 6.062 | | | | ND | ND | MU |
| 12 2-Methylbutane | 43 | 6.303 | 6.298 | 0.005 | 88 | 1011 | 0.0351 | 0.0414 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.538 | -0.005 | 96 | 776 | 0.0351 | 0.0411 | |
| 14 Trichlorofluoromethane | 101 | 6.725 | 6.720 | 0.005 | 93 | 2185 | 0.0351 | 0.0469 | |
| 15 Pentane | 43 | | 6.956 | | | | ND | ND | MU |
| 16 Ethanol | 45 | | 7.164 | | | | ND | ND | MU |
| 18 Ethyl ether | 59 | 7.474 | 7.442 | 0.032 | 77 | 285 | 0.0351 | 0.0200 | |
| 19 Acrolein | 56 | | 7.721 | | | | ND | ND | |
| 20 1,1-Dichloroethene | 96 | 7.956 | 7.961 | -0.005 | 78 | 739 | 0.0351 | 0.0352 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.015 | 8.009 | 0.006 | 91 | 1993 | 0.0351 | 0.0452 | |
| 22 Acetone | 43 | 8.122 | 8.047 | 0.075 | 8 | 1958 | 0.0351 | 0.0699 | |
| 23 Isopropyl alcohol | 45 | | 8.405 | | | | 0.0407 | ND | |
| 24 Carbon disulfide | 76 | 8.459 | 8.448 | 0.011 | 98 | 4032 | 0.0351 | 0.0650 | M |
| 25 Acetonitrile | 41 | 8.806 | 8.641 | 0.165 | 78 | 1394 | 0.0351 | 0.0856 | |
| 26 3-Chloro-1-propene | 41 | | 8.796 | | | | ND | ND | MU |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 88 | 2281 | 0.0351 | 0.0954 | |
| 28 2-Methyl-2-propanol | 59 | | 9.320 | | | | ND | ND | |
| 29 Acrylonitrile | 53 | | 9.550 | | | | ND | ND | |
| 30 trans-1,2-Dichloroethene | 61 | 9.673 | 9.679 | -0.006 | 88 | 1096 | 0.0351 | 0.0367 | M |
| 31 Methyl tert-butyl ether | 73 | 9.721 | 9.679 | 0.042 | 83 | 1733 | 0.0351 | 0.0319 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 0.0702 | 0.0713 | |
| 32 Hexane | 57 | | 10.283 | | | | ND | ND | MU |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 27 | 1586 | 0.0351 | 0.0400 | |
| 34 Vinyl acetate | 43 | | 10.588 | | | | ND | ND | |
| 36 2-Butanone (MEK) | 72 | | 11.679 | | | | ND | ND | |
| 37 cis-1,2-Dichloroethene | 96 | 11.722 | 11.717 | 0.005 | 80 | 806 | 0.0351 | 0.0346 | |
| 38 Ethyl acetate | 88 | | 11.776 | | | | ND | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 89 | 162565 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | ND | ND | MU |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 94 | 1921 | 0.0351 | 0.0452 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 91 | 1807 | 0.0351 | 0.0452 | |
| 43 Cyclohexane | 84 | 12.883 | 12.878 | 0.005 | 83 | 991 | 0.0351 | 0.0348 | |
| 44 Carbon tetrachloride | 117 | 13.022 | 13.033 | -0.011 | 93 | 1512 | 0.0351 | 0.0376 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 91 | 3187 | 0.0351 | 0.0469 | |
| 46 1,2-Dichloroethane | 62 | | 13.477 | | | | ND | ND | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 62 | 3293 | 0.0351 | 0.0323 | M |
| 48 n-Heptane | 43 | 13.958 | 13.964 | -0.006 | 82 | 1058 | 0.0351 | 0.0303 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 798826 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | | 14.402 | | | | ND | ND | MU |
| 51 Trichloroethene | 95 | 14.670 | 14.659 | 0.011 | 88 | 1158 | 0.0351 | 0.0399 | M |
| 53 1,2-Dichloropropane | 63 | 15.140 | 15.141 | -0.001 | 1 | 969 | 0.0351 | 0.0387 | M |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | ND | ND | |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | ND | ND | |
| 57 Dibromomethane | 174 | 15.317 | 15.312 | 0.005 | 92 | 1352 | 0.0351 | 0.0468 | |
| 58 Dichlorobromomethane | 83 | 15.633 | 15.627 | 0.006 | 88 | 1665 | 0.0351 | 0.0383 | |
| 59 cis-1,3-Dichloropropene | 75 | | 16.467 | | | | ND | ND | MU |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | | 16.713 | | | | ND | ND | MU |
| 62 Toluene | 92 | 17.152 | 17.141 | 0.011 | 92 | 1516 | 0.0351 | 0.0335 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 4600 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 79 | 1341 | 0.0351 | 0.0279 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 4570 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.553 | | | | ND | ND | MU |
| 67 1,1,2-Trichloroethane | 83 | 17.954 | 17.944 | 0.010 | 20 | 821 | 0.0351 | 0.0358 | M |
| 68 Tetrachloroethene | 166 | 18.179 | 18.174 | 0.005 | 91 | 1558 | 0.0351 | 0.0385 | |
| 69 2-Hexanone | 43 | | 18.340 | | | | ND | ND | |
| 70 Chlorodibromomethane | 129 | 18.725 | 18.720 | 0.005 | 89 | 1604 | 0.0351 | 0.0365 | M |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 96 | 1363 | 0.0351 | 0.0343 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 689725 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.961 | 19.966 | -0.006 | 94 | 2929 | 0.0351 | 0.0438 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 0.1052 | 0.0910 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 92 | 3557 | 0.0351 | 0.0353 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.399 | 0.000 | 0 | 2455 | 0.0702 | 0.0622 | M |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 90 | 1405 | 0.0351 | 0.0285 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 93 | 1049 | 0.0351 | 0.0288 | |
| 79 Styrene | 104 | 21.153 | 21.138 | 0.015 | 91 | 1419 | 0.0351 | 0.0237 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 85 | 1031 | 0.0351 | 0.0241 | |
| 82 Isopropylbenzene | 105 | 21.737 | 21.726 | 0.011 | 93 | 3268 | 0.0351 | 0.0302 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.197 | 22.192 | 0.005 | 92 | 2789 | 0.0351 | 0.0452 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 91 | 1963 | 0.0351 | 0.0424 | |
| 85 N-Propylbenzene | 91 | 22.395 | 22.389 | 0.006 | 98 | 4609 | 0.0351 | 0.0336 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 93 | 3286 | 0.0351 | 0.0342 | |
| 87 4-Ethyltoluene | 105 | 22.577 | 22.566 | 0.011 | 96 | 3214 | 0.0351 | 0.0288 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.652 | -0.001 | 89 | 2773 | 0.0351 | 0.0292 | |
| 89 n-Decane | 57 | 22.667 | 22.662 | 0.005 | 89 | 1643 | 0.0351 | 0.0250 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.967 | 22.962 | 0.005 | 83 | 990 | 0.0351 | 0.0208 | |
| 91 tert-Butylbenzene | 119 | 23.111 | 23.117 | -0.006 | 93 | 2696 | 0.0351 | 0.0291 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 90 | 2276 | 0.0351 | 0.0244 | |
| 93 sec-Butylbenzene | 105 | 23.432 | 23.433 | -0.001 | 97 | 4009 | 0.0351 | 0.0285 | |
| 94 1,3-Dichlorobenzene | 146 | 23.630 | 23.625 | 0.005 | 95 | 2063 | 0.0351 | 0.0295 | |
| 95 4-Isopropyltoluene | 119 | 23.646 | 23.647 | -0.001 | 94 | 2834 | 0.0351 | 0.0238 | |
| 96 1,4-Dichlorobenzene | 146 | 23.786 | 23.775 | 0.011 | 91 | 1866 | 0.0351 | 0.0270 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 94 | 1706 | 0.0351 | 0.0214 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 92 | 2395 | 0.0351 | 0.0222 | |
| 99 1,2-Dichlorobenzene | 146 | 24.315 | 24.310 | 0.005 | 90 | 1810 | 0.0351 | 0.0265 | |
| 100 Undecane | 57 | 24.385 | 24.380 | 0.005 | 88 | 1033 | 0.0351 | 0.0134 | |
| 101 Dodecane | 57 | | 26.129 | | | | ND | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.028 | | | | ND | ND | |
| 103 Hexachlorobutadiene | 225 | 27.284 | 27.295 | -0.011 | 87 | 1959 | 0.0394 | 0.0375 | |
| 104 Naphthalene | 128 | | 27.579 | | | | ND | ND | |
| 105 1,2,3-Trichlorobenzene | 180 | | 28.055 | | | | ND | ND | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated
- U - Marked Undetected

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL1w_00273 | Amount Added: 35.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

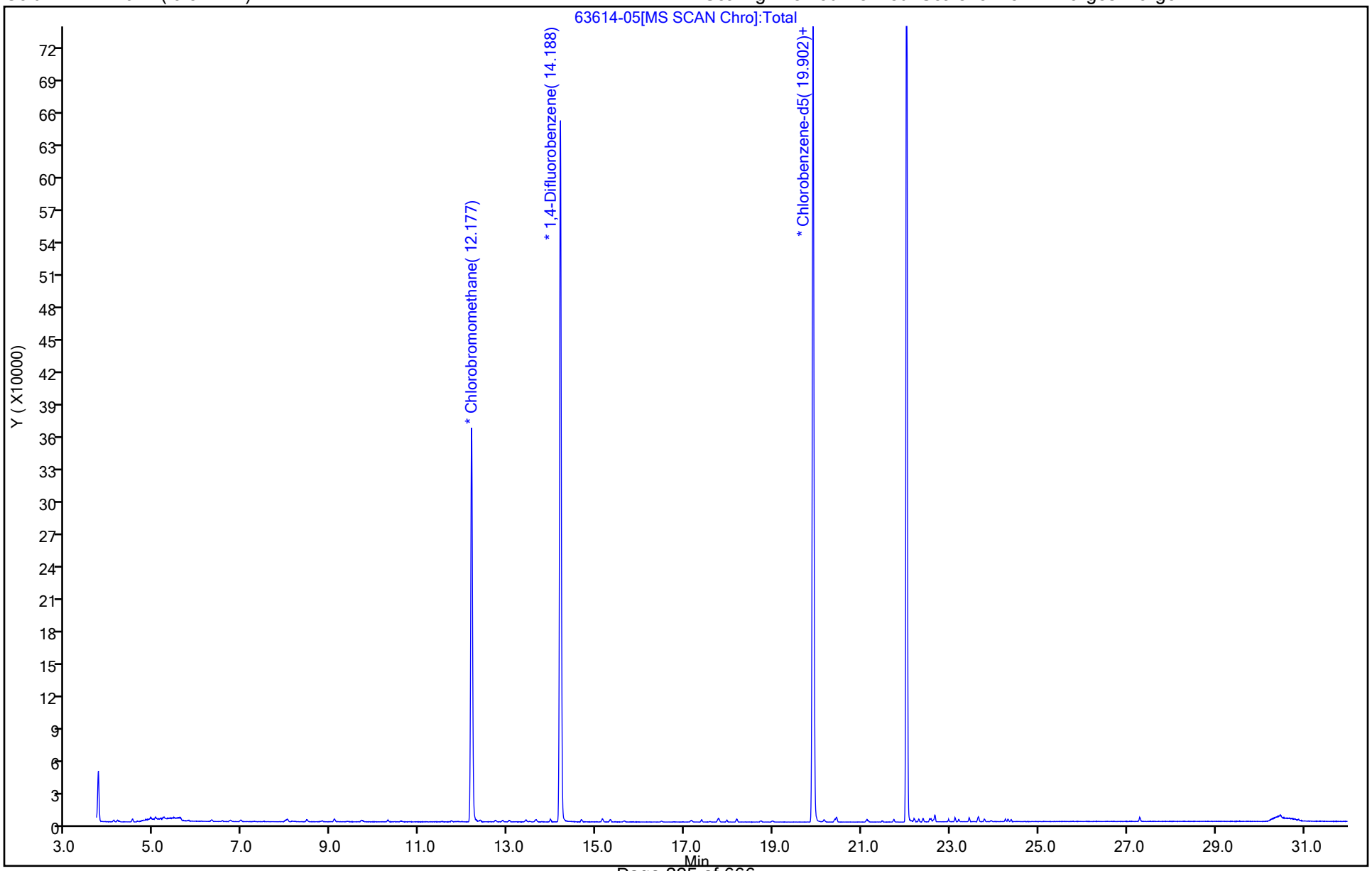
Report Date: 09-Jan-2025 06:40:46 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ic | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 5 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

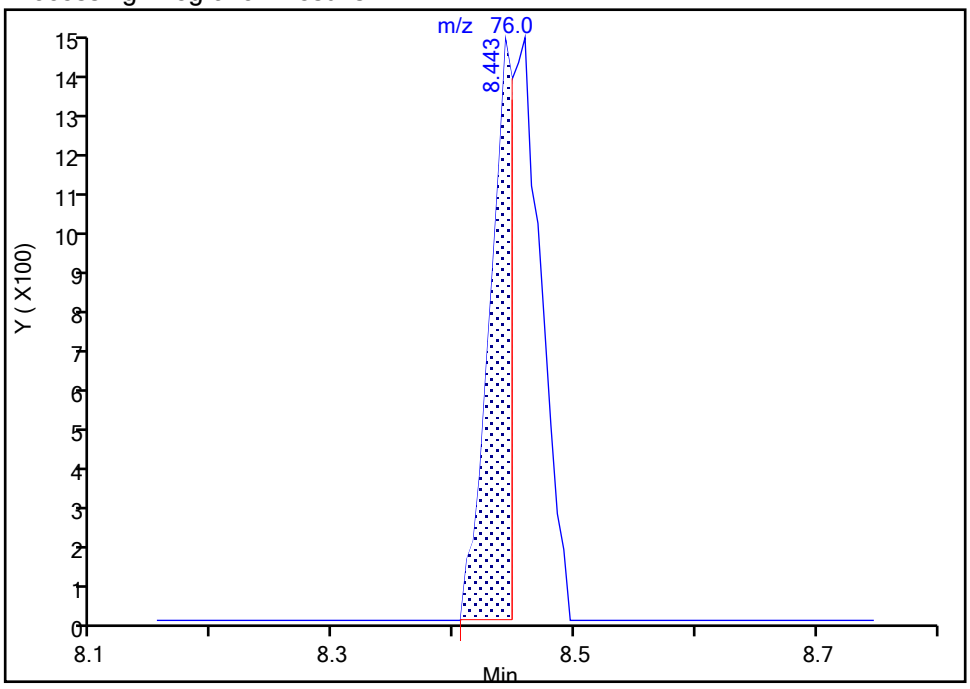
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 24 Carbon disulfide, CAS: 75-15-0

Signal: 1

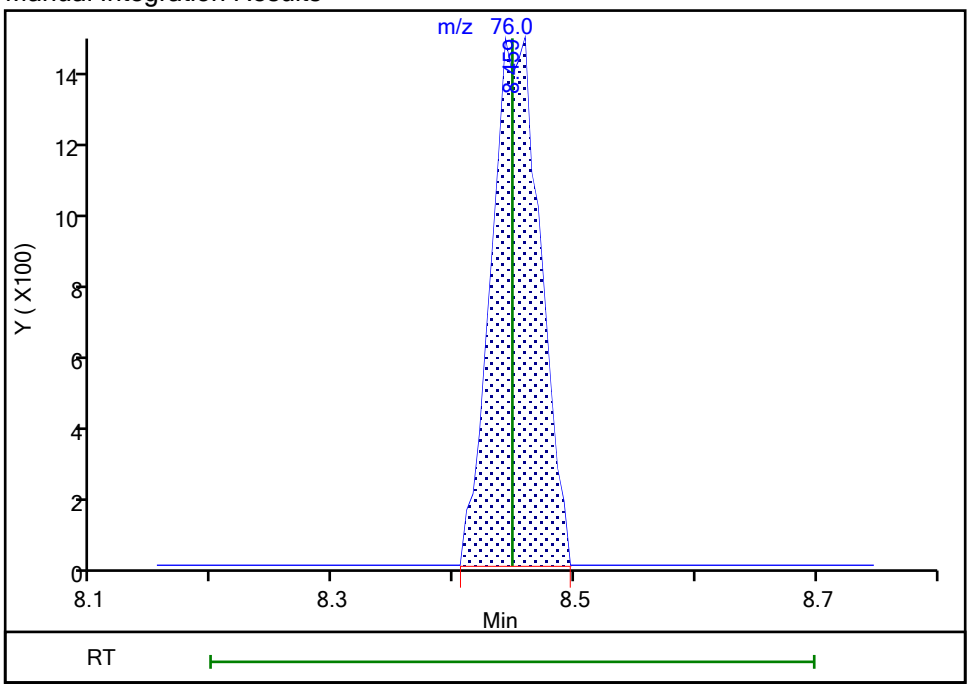
Processing Integration Results

RT: 8.44
Area: 1950
Amount: 0.030813
Amount Units: ppb v/v




Manual Integration Results

RT: 8.46
Area: 4032
Amount: 0.064979
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:53:27 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

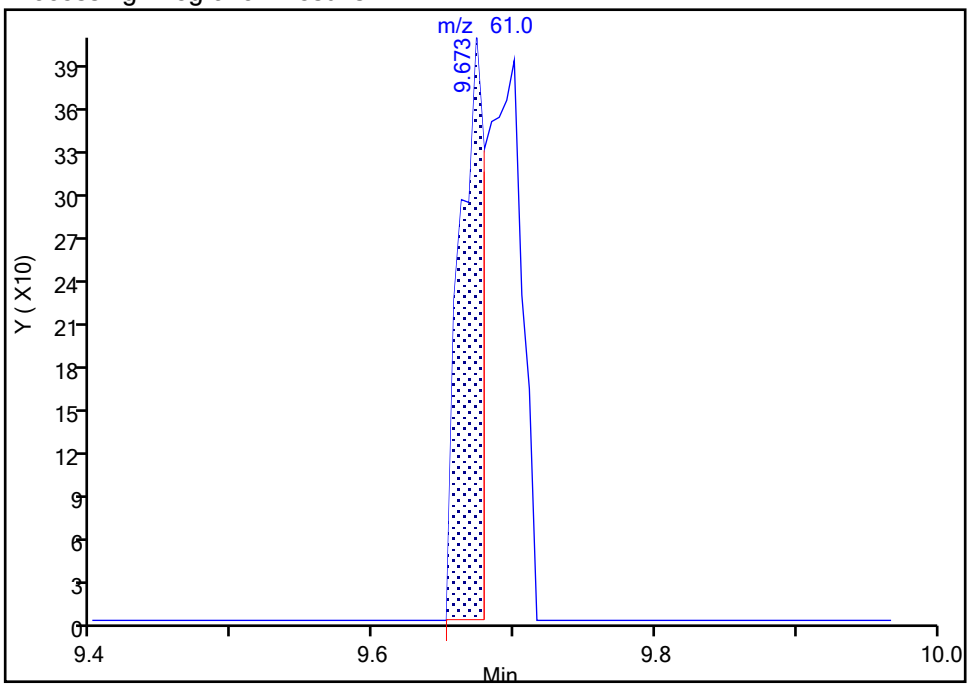
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 30 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

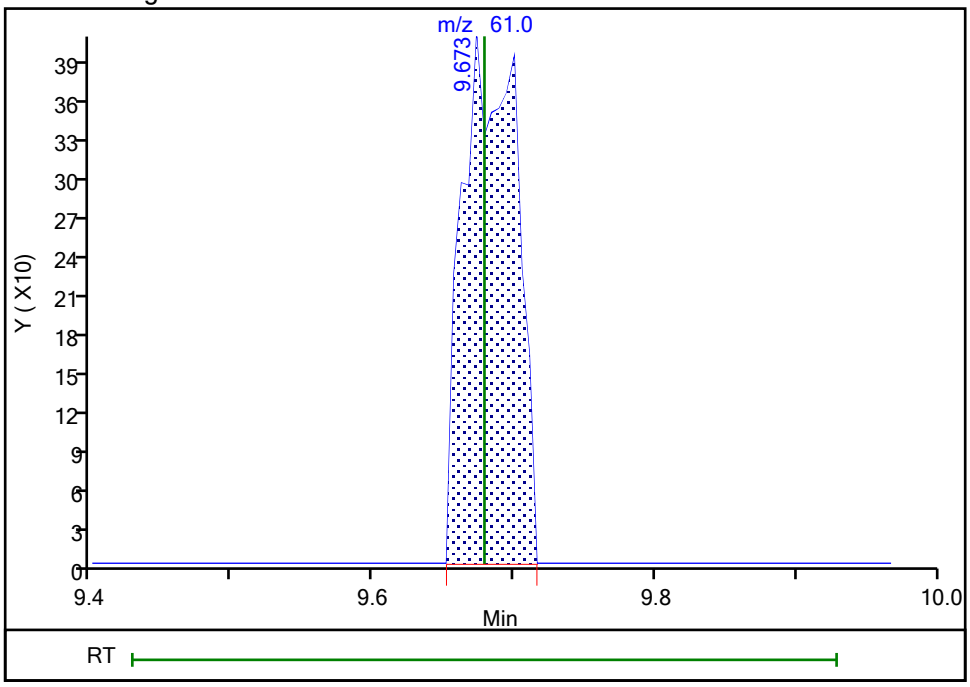
Processing Integration Results

RT: 9.67
Area: 500
Amount: 0.019763
Amount Units: ppb v/v




Manual Integration Results

RT: 9.67
Area: 1096
Amount: 0.036668
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:53:45 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

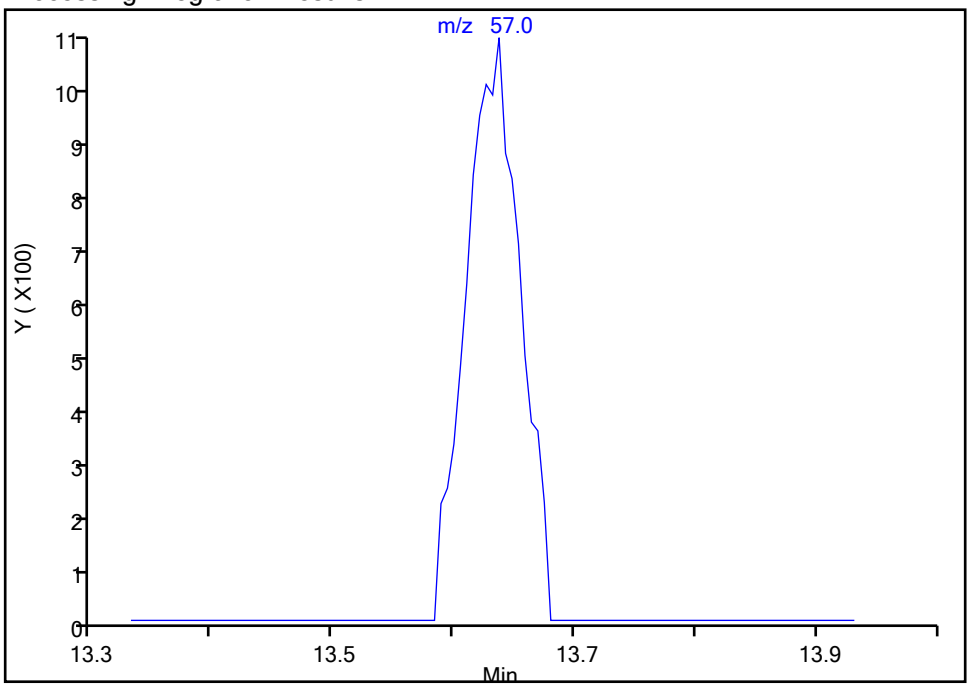
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 47 Isooctane, CAS: 540-84-1

Signal: 1

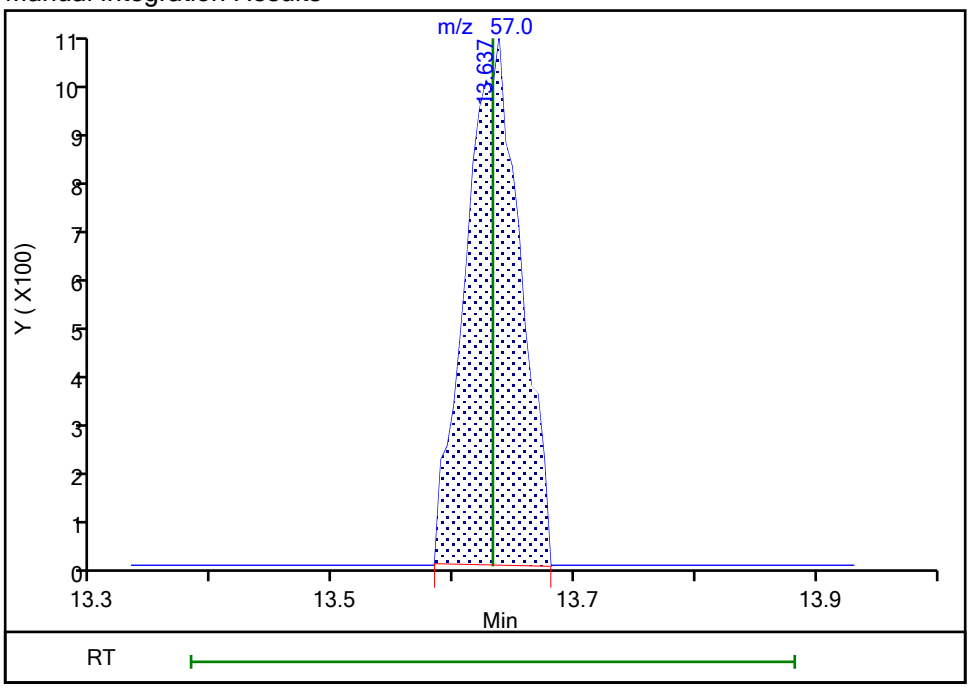
Not Detected
Expected RT: 13.63

Processing Integration Results




Manual Integration Results

RT: 13.64
Area: 3293
Amount: 0.032253
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:54:16 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

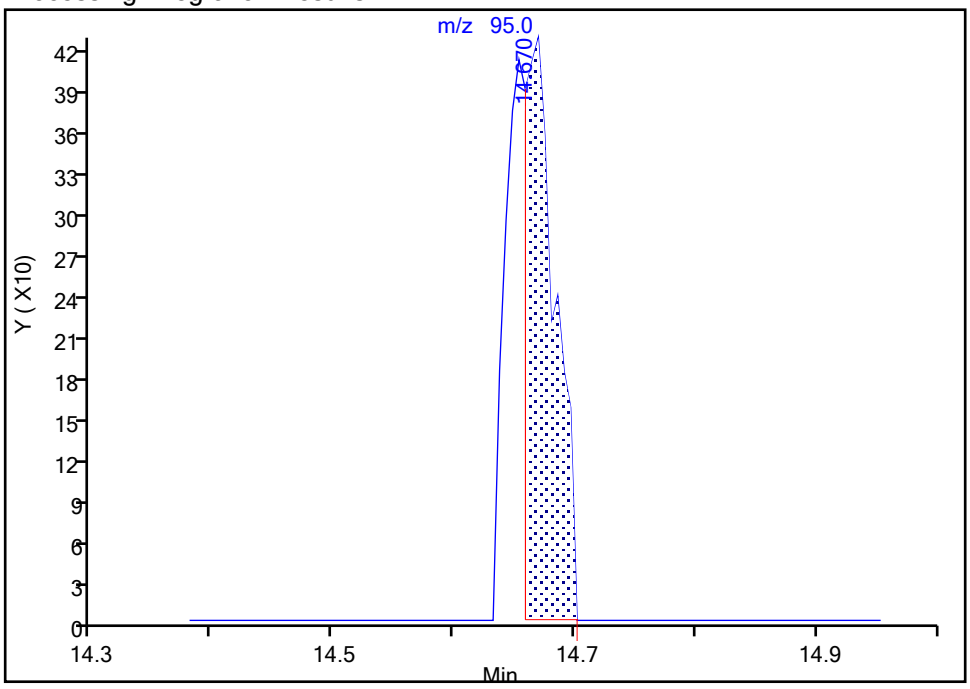
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 51 Trichloroethene, CAS: 79-01-6

Signal: 1

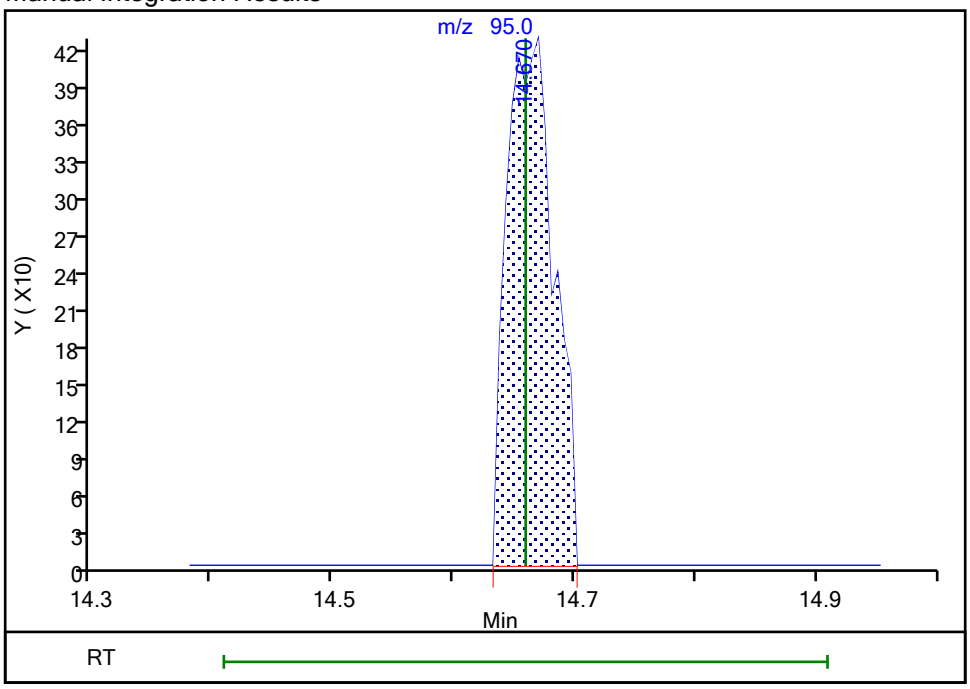
Processing Integration Results

RT: 14.67
Area: 756
Amount: 0.028821
Amount Units: ppb v/v




Manual Integration Results

RT: 14.67
Area: 1158
Amount: 0.039941
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:54:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

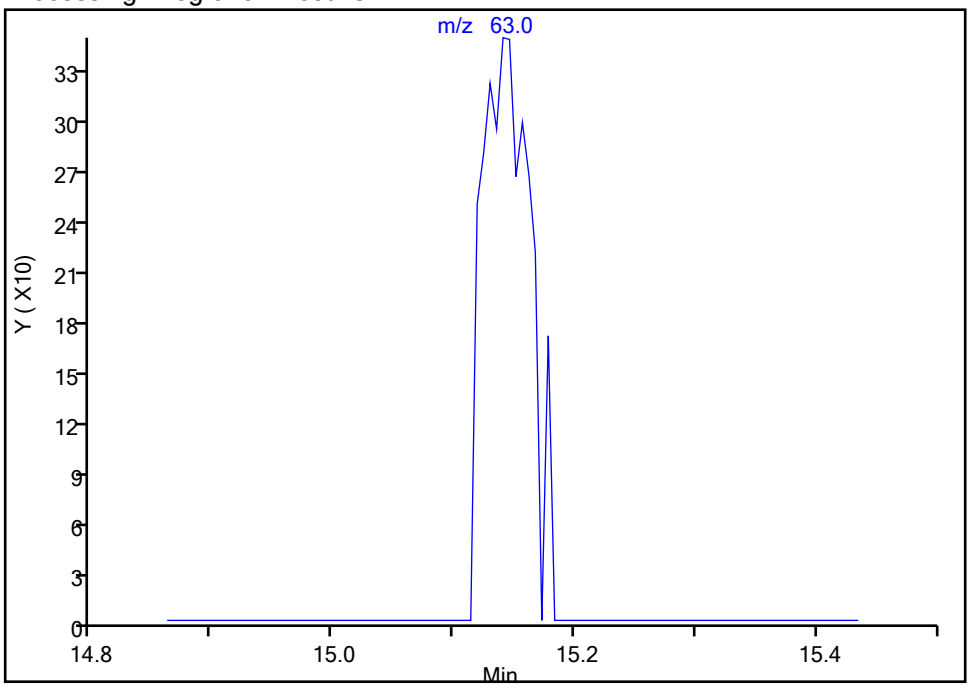
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 53 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

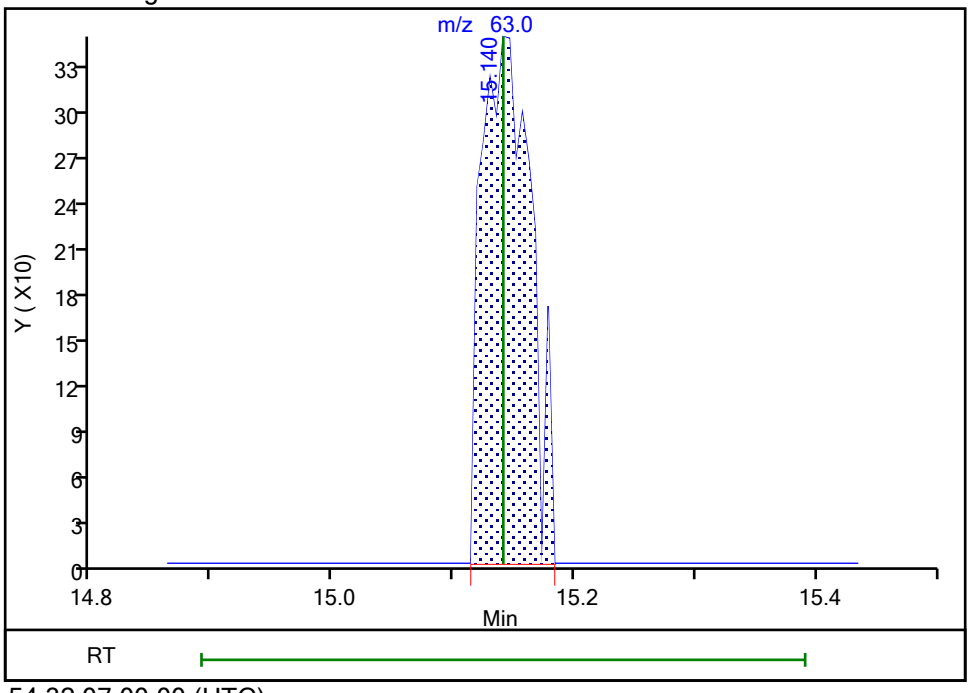
Not Detected
Expected RT: 15.14

Processing Integration Results




Manual Integration Results

RT: 15.14
Area: 969
Amount: 0.038670
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:54:32 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

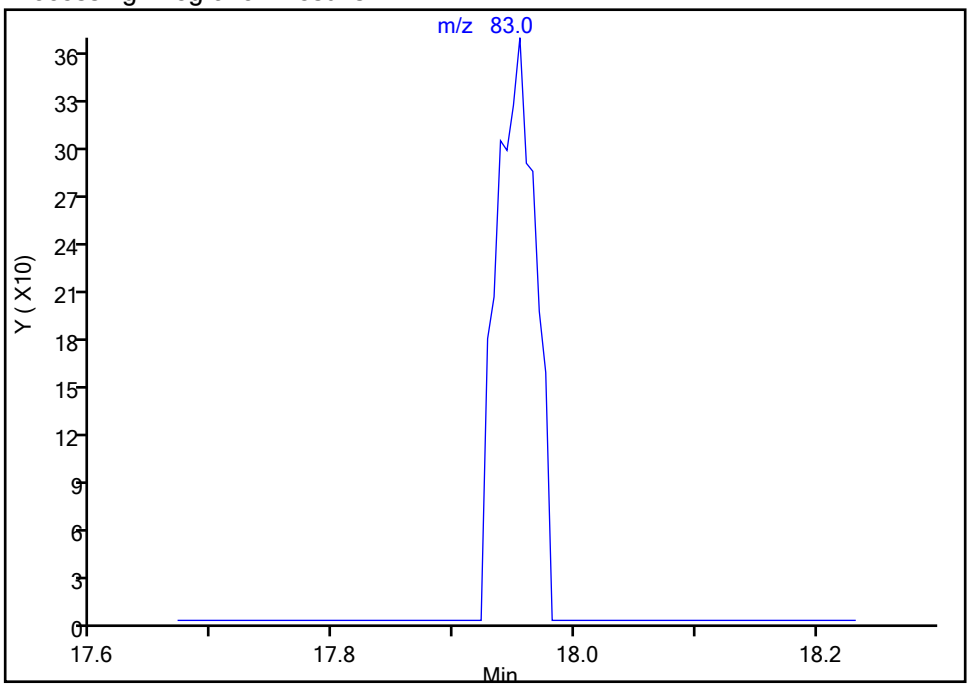
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 67 1,1,2-Trichloroethane, CAS: 79-00-5

Signal: 1

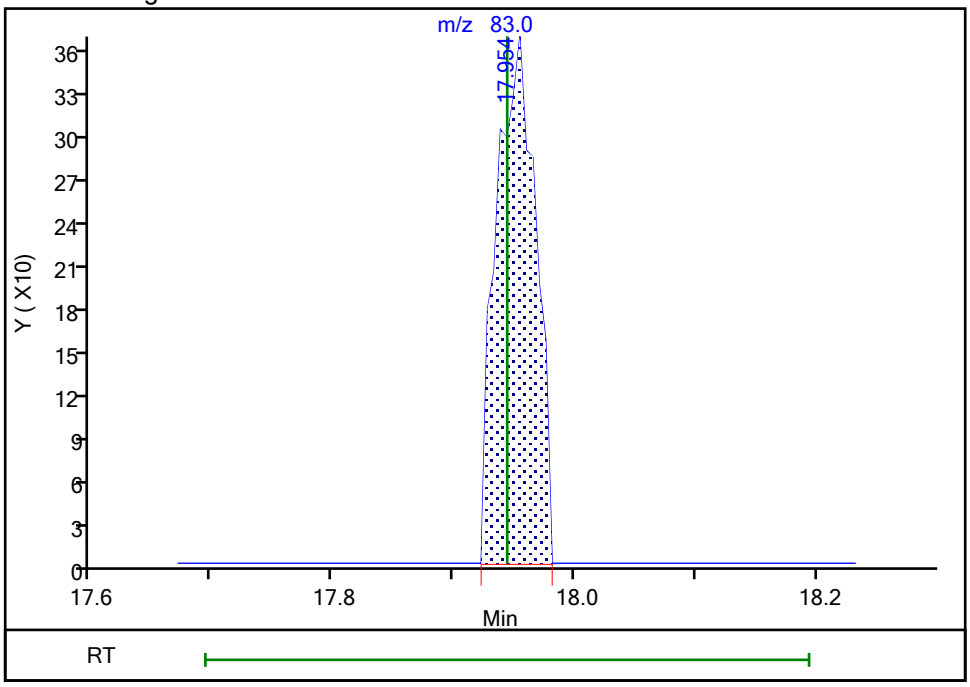
Not Detected
Expected RT: 17.94

Processing Integration Results




Manual Integration Results

RT: 17.95
Area: 821
Amount: 0.035781
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:54:49 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

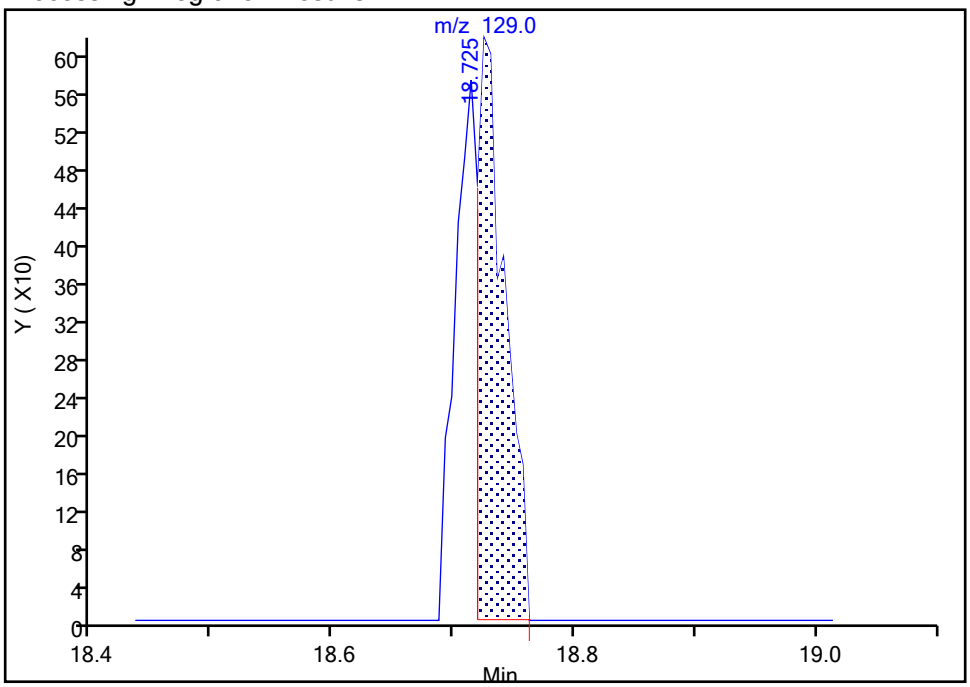
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 70 Chlorodibromomethane, CAS: 124-48-1

Signal: 1

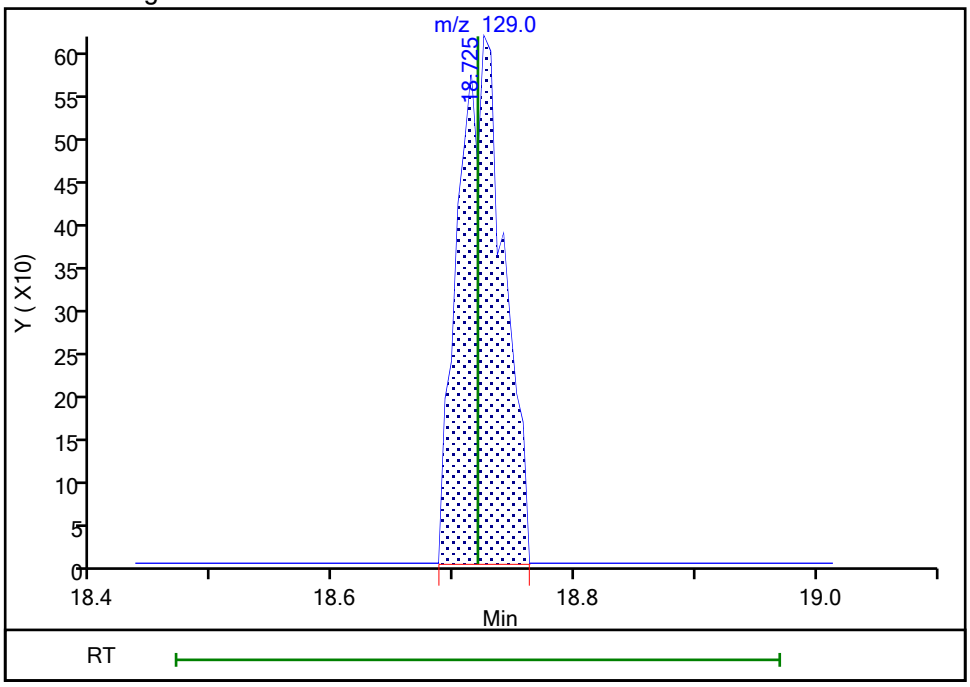
Processing Integration Results

RT: 18.72
Area: 988
Amount: 0.025434
Amount Units: ppb v/v




Manual Integration Results

RT: 18.72
Area: 1604
Amount: 0.036459
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:54:59 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

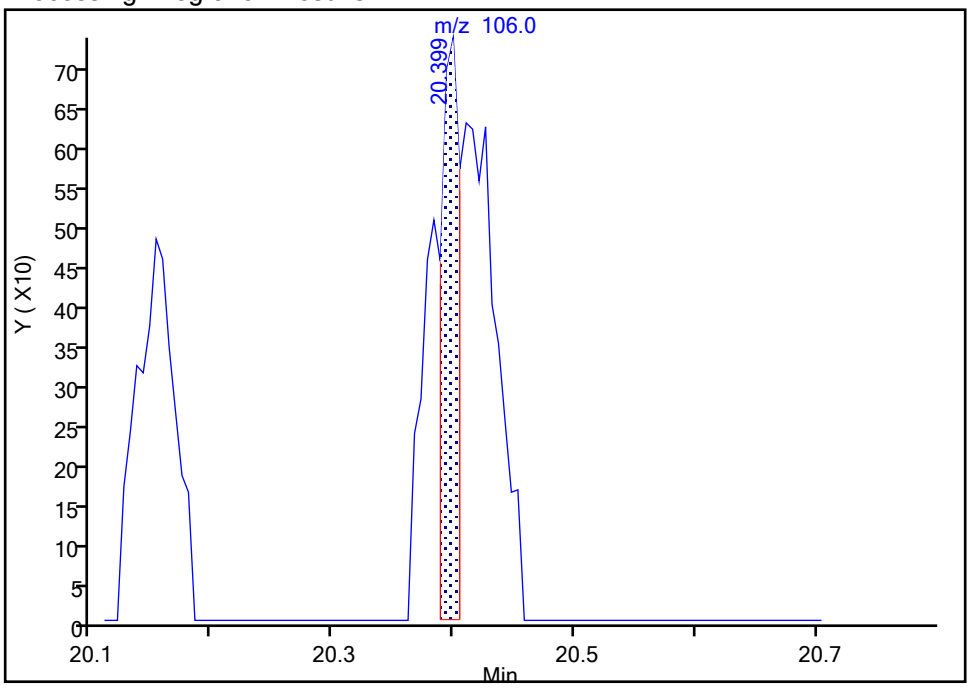
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 76 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

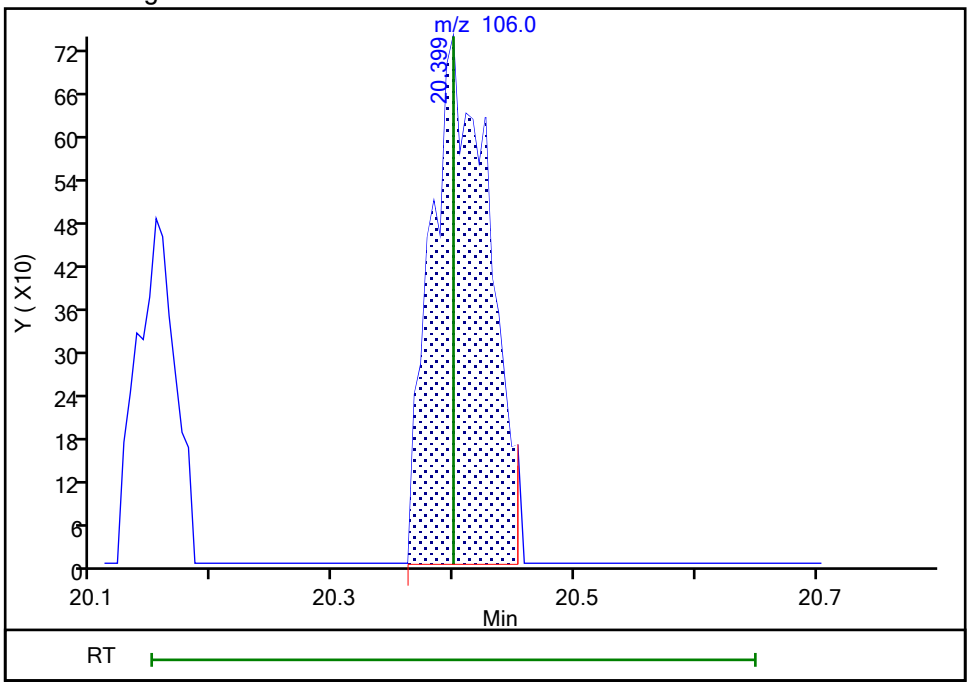
Processing Integration Results

RT: 20.40
Area: 784
Amount: 0.025932
Amount Units: ppb v/v




Manual Integration Results

RT: 20.40
Area: 2455
Amount: 0.062228
Amount Units: ppb v/v




Reviewer: YWL8, 08-Jan-2025 14:55:26 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

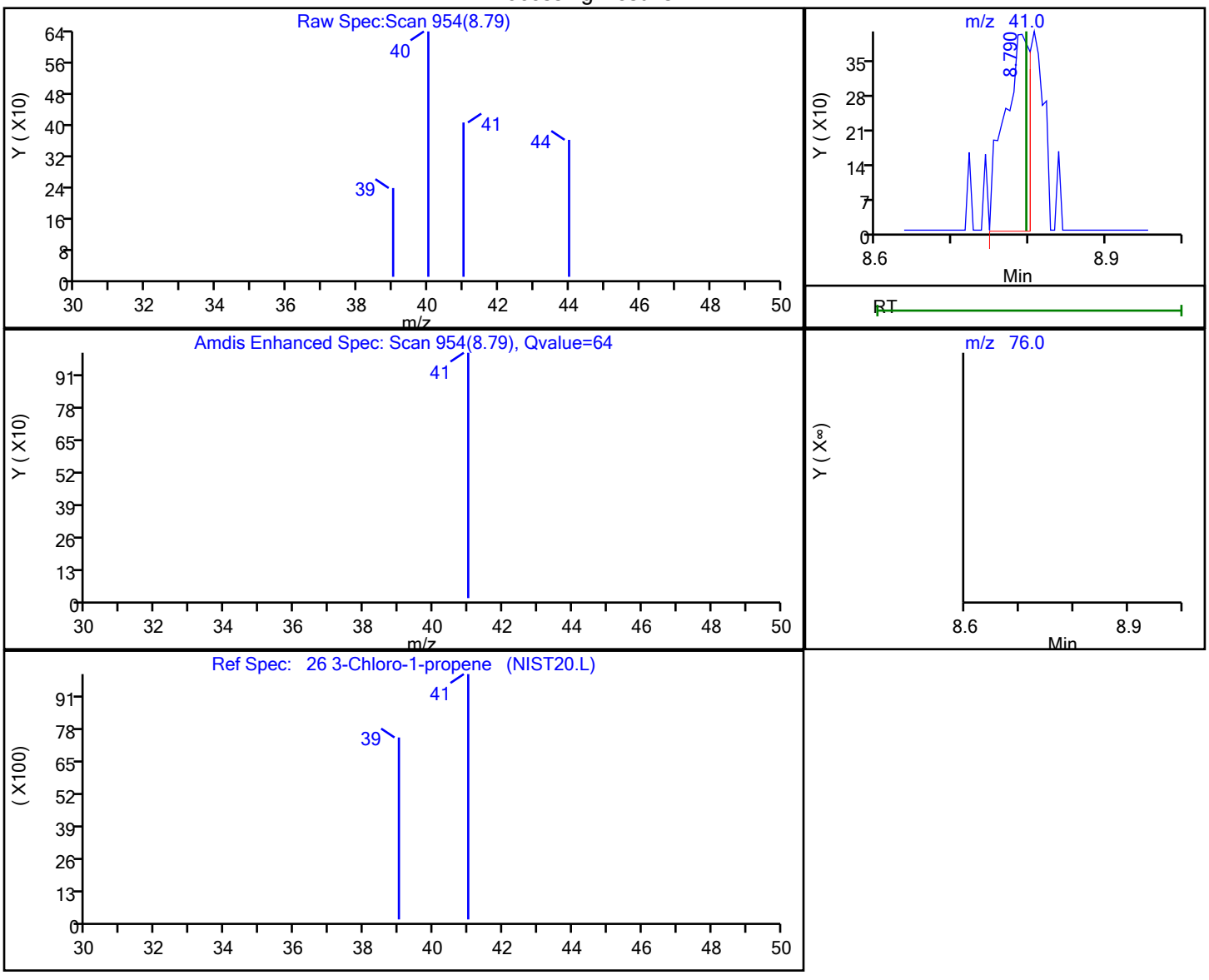
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 26 3-Chloro-1-propene, CAS: 107-05-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.79 | 41.00 | 932 | 0.037024 |
| 8.80 | 76.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:53:37 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

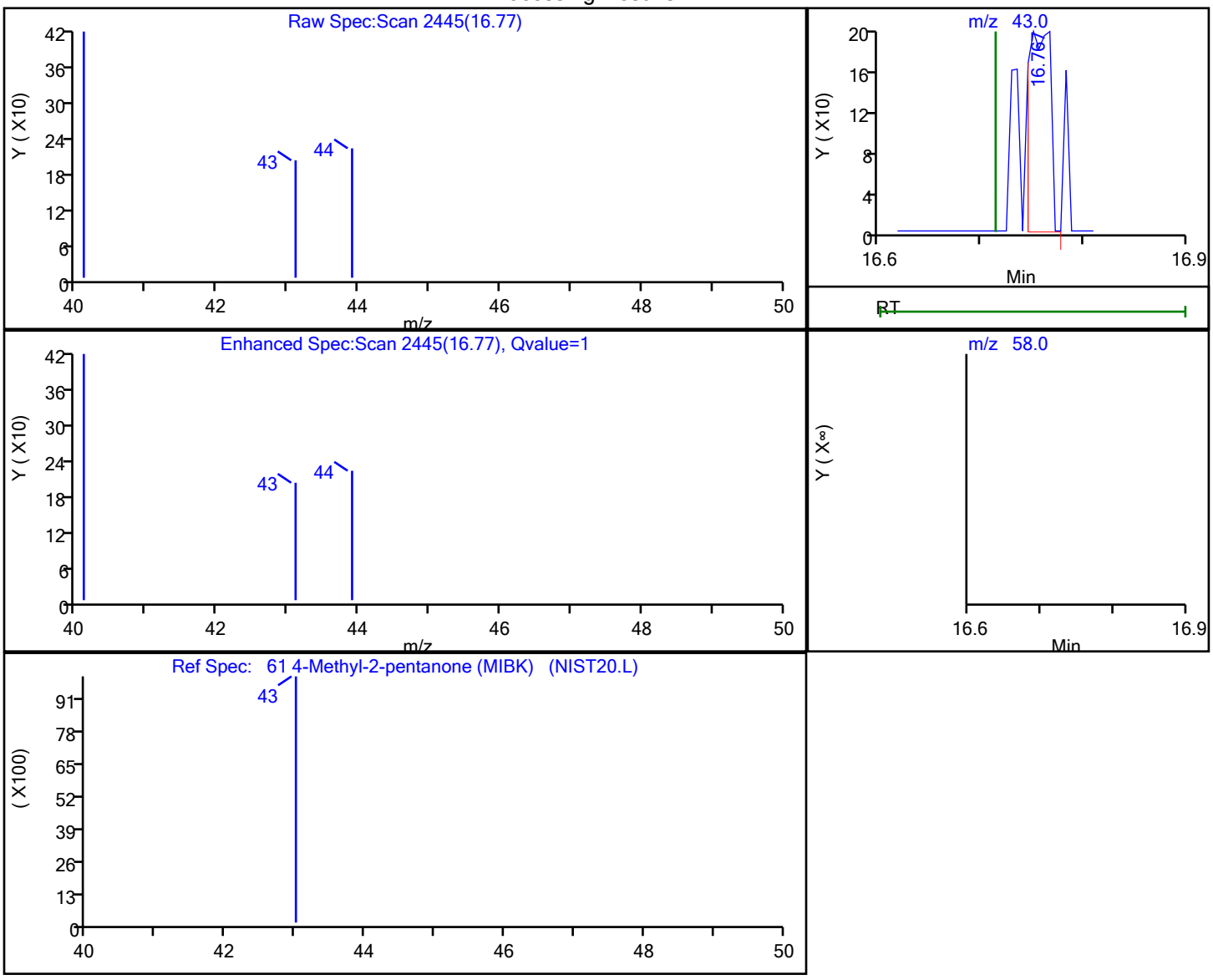
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 16.77 | 43.00 | 298 | 0.007045 |
| 16.71 | 58.00 | 0 | |

Reviewer: YWL8, 09-Jan-2025 07:38:21 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

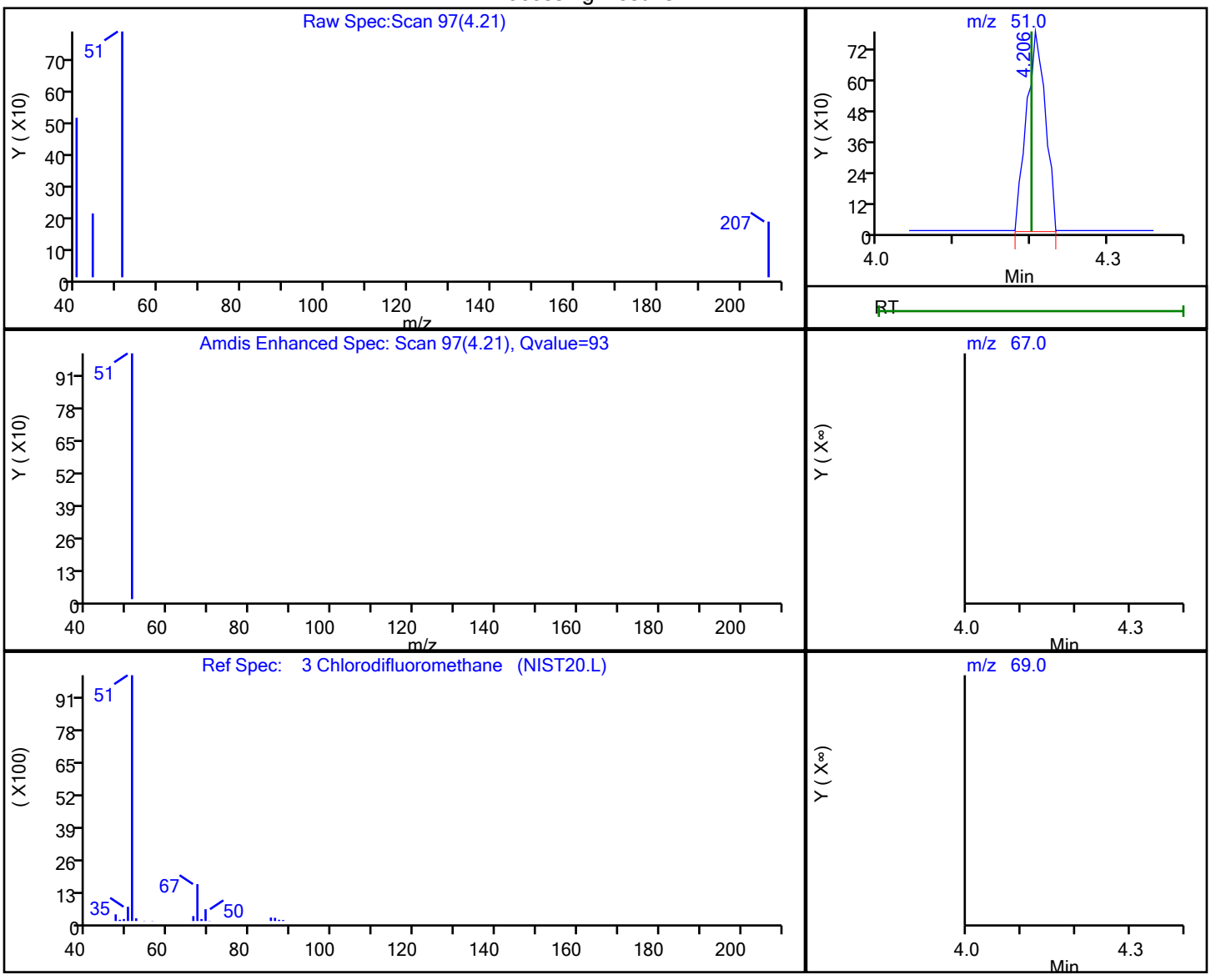
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 3 Chlorodifluoromethane, CAS: 75-45-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 4.21 | 51.00 | 1349 | 0.040669 |
| 4.21 | 67.00 | 0 | |
| 4.21 | 69.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:52:45 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

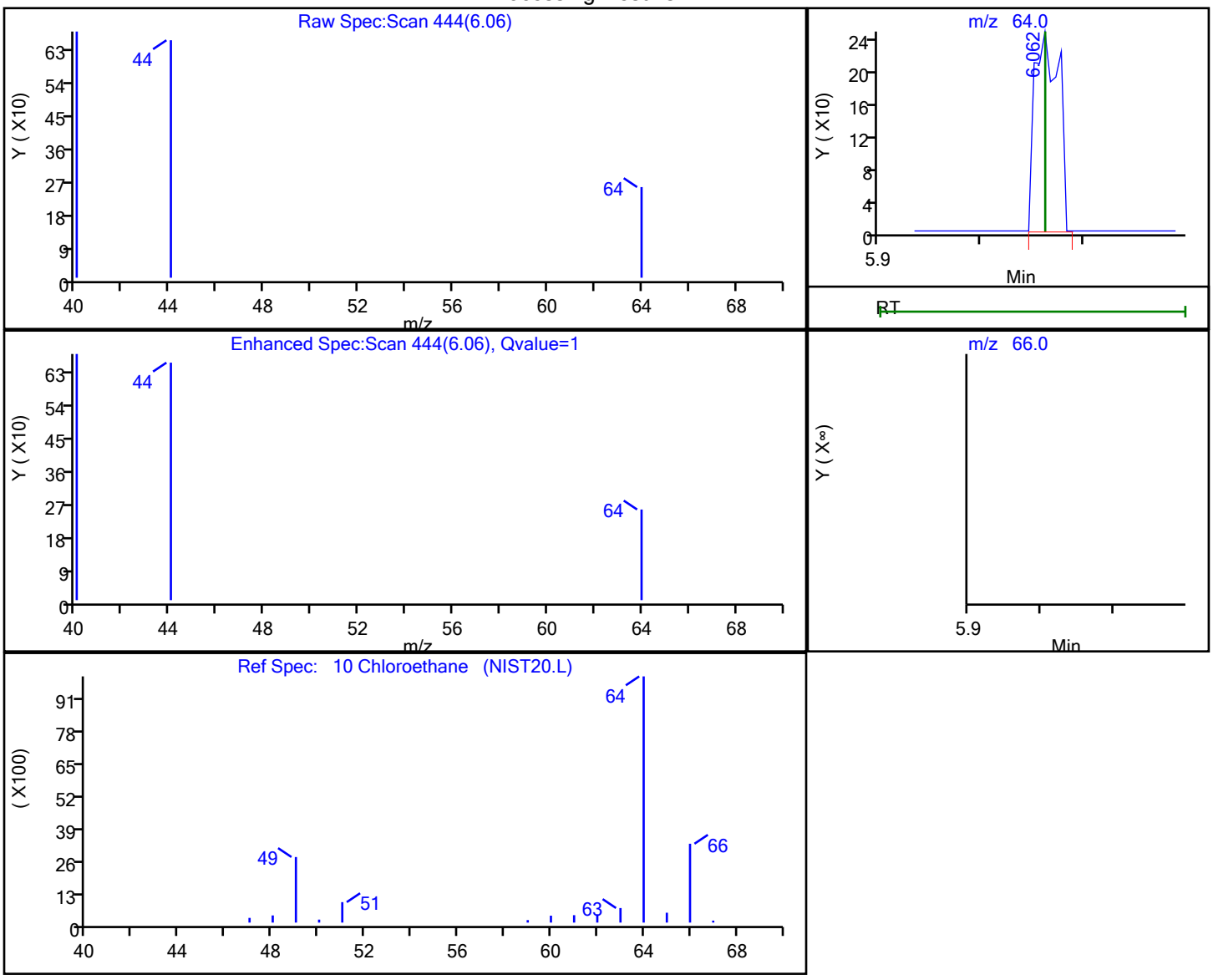
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 10 Chloroethane, CAS: 75-00-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.06 | 64.00 | 410 | 0.033878 |
| 6.07 | 66.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:52:54 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

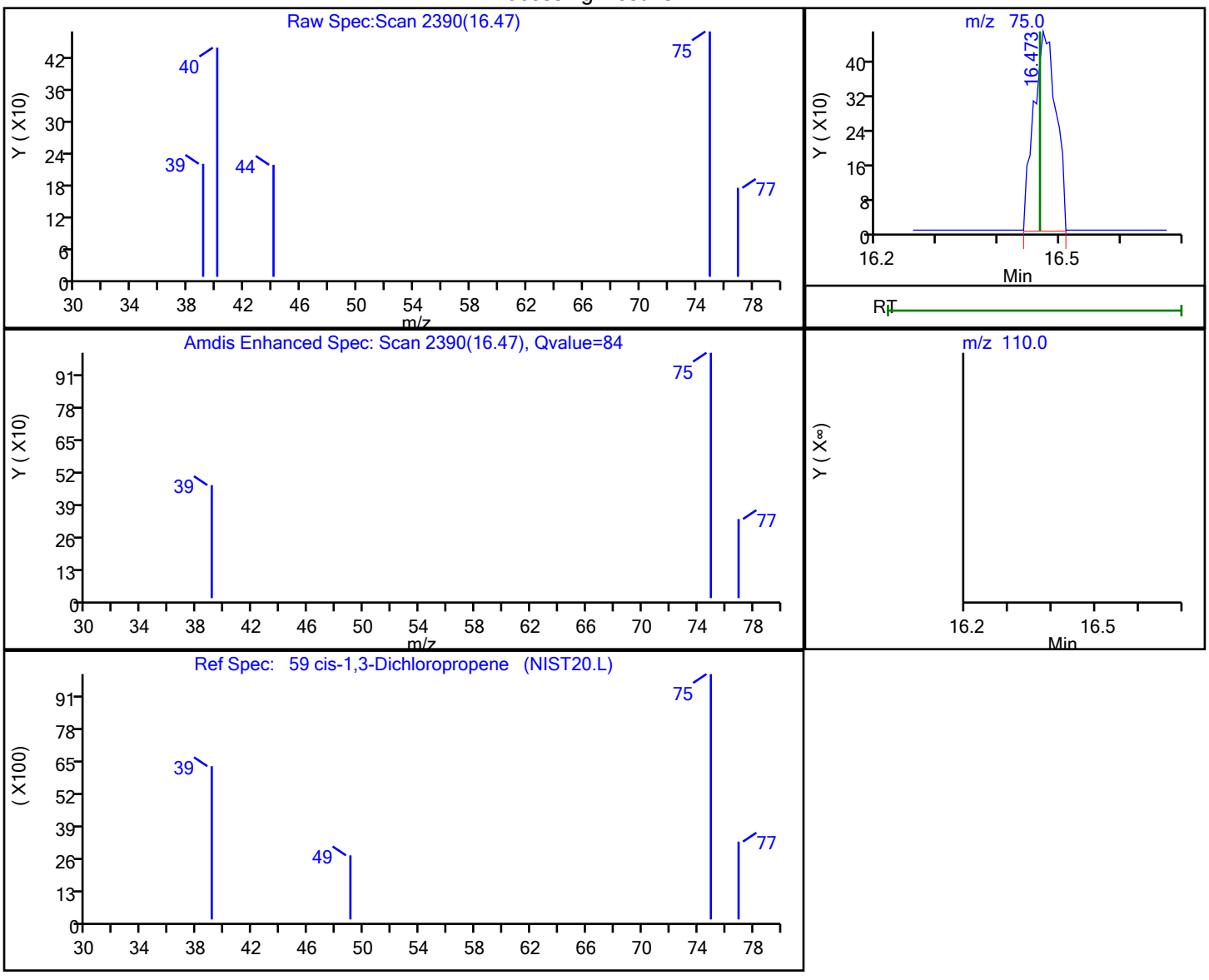
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 59 cis-1,3-Dichloropropene, CAS: 10061-01-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 16.47 | 75.00 | 1186 | 0.036646 |
| 16.47 | 110.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:54:38 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

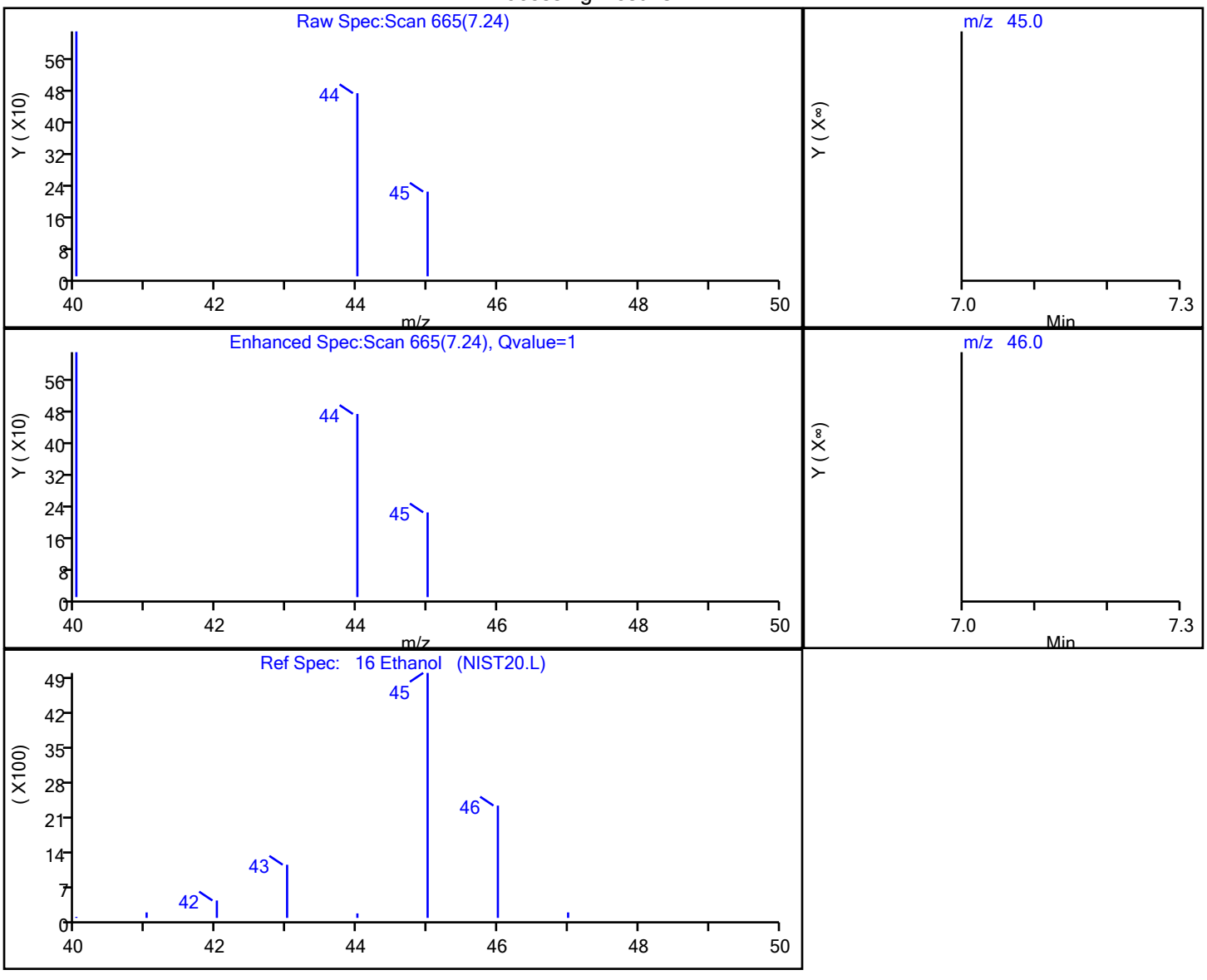
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 16 Ethanol, CAS: 64-17-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.24 | 45.00 | 234 | 0.028656 |
| 7.16 | 46.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:53:01 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

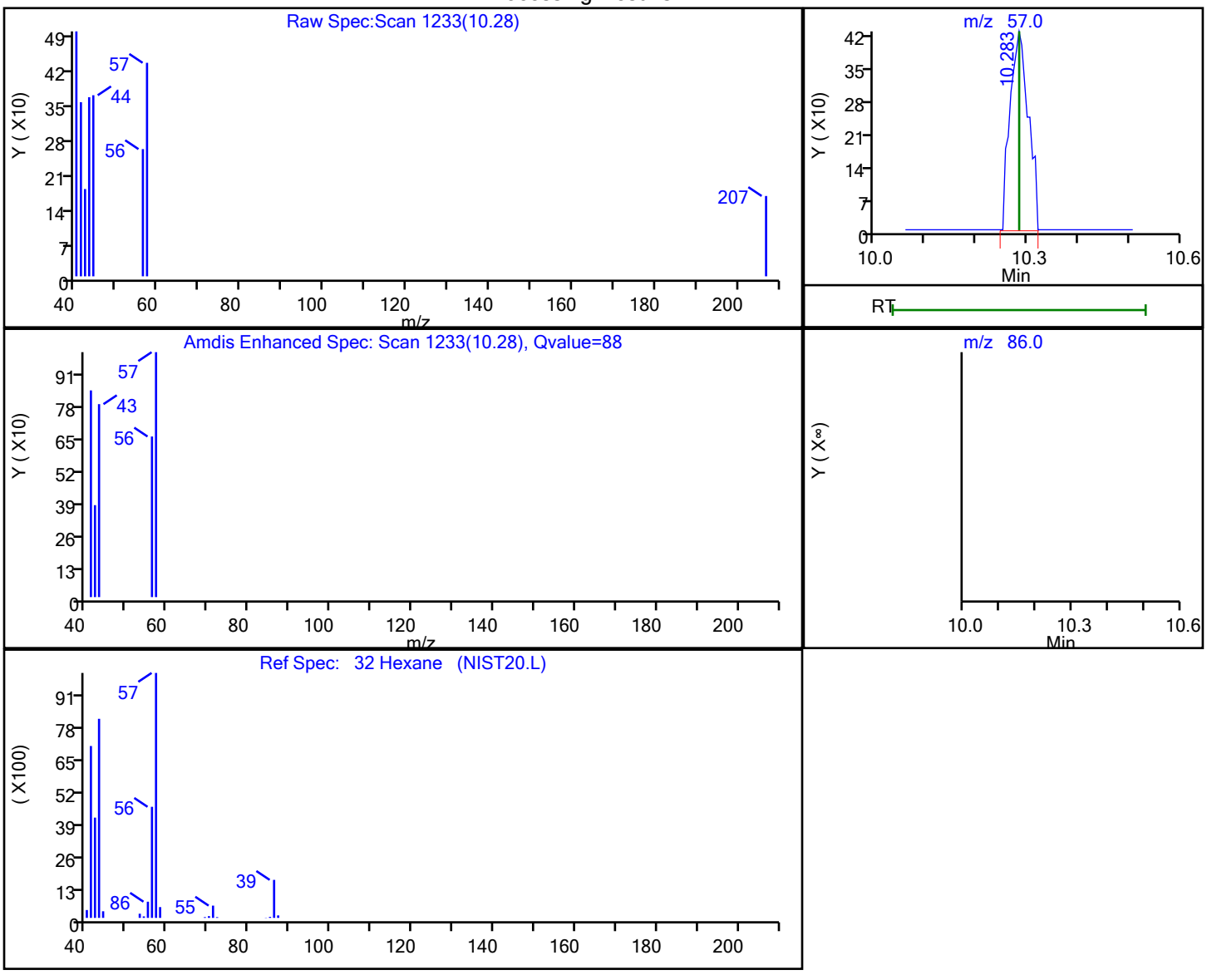
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 32 Hexane, CAS: 110-54-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 10.28 | 57.00 | 1074 | 0.038256 |
| 10.28 | 86.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:53:51 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

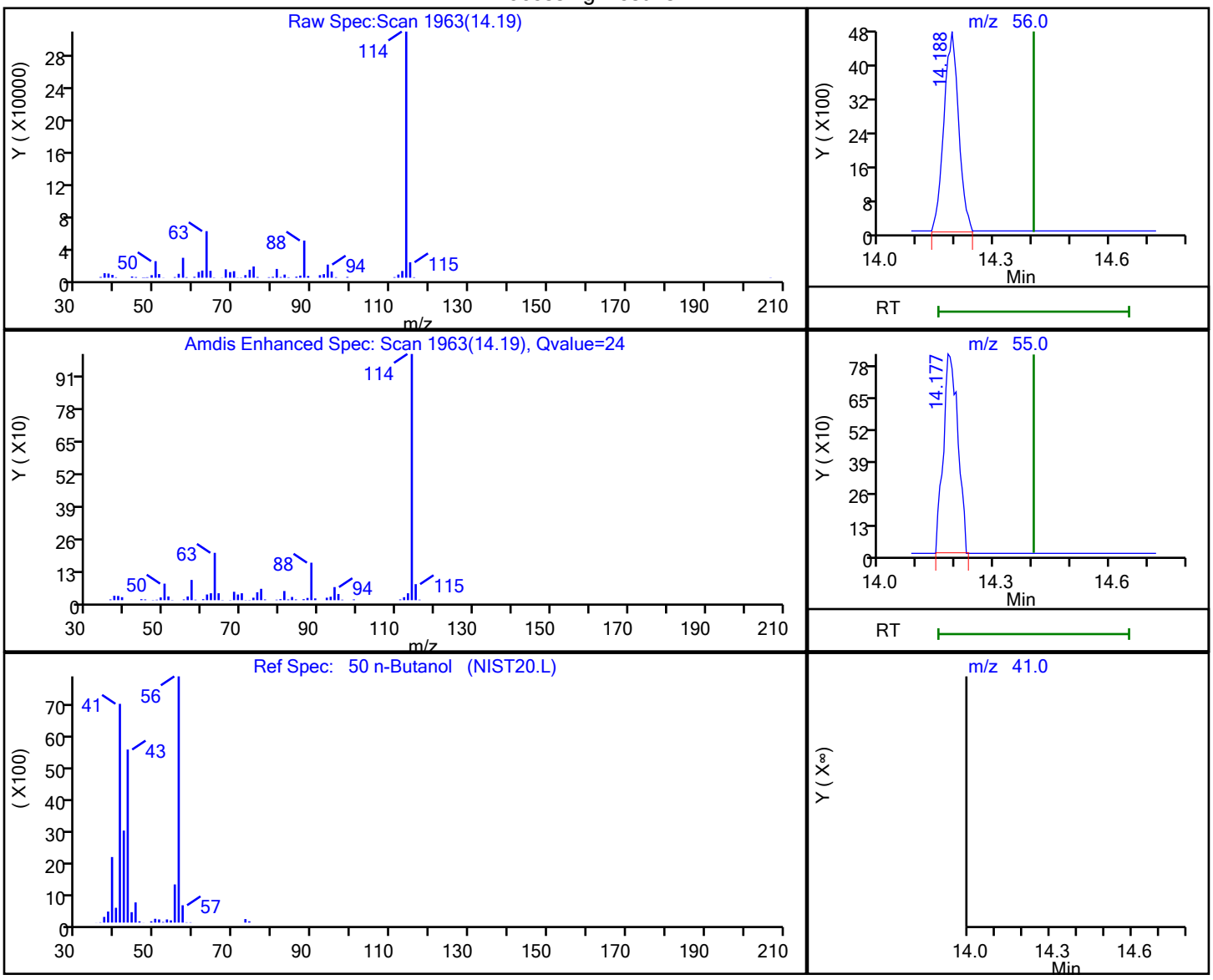
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 50 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 14.19 | 56.00 | 12806 | 0.136537 |
| 14.18 | 55.00 | 2194 | |
| 14.40 | 41.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:54:20 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

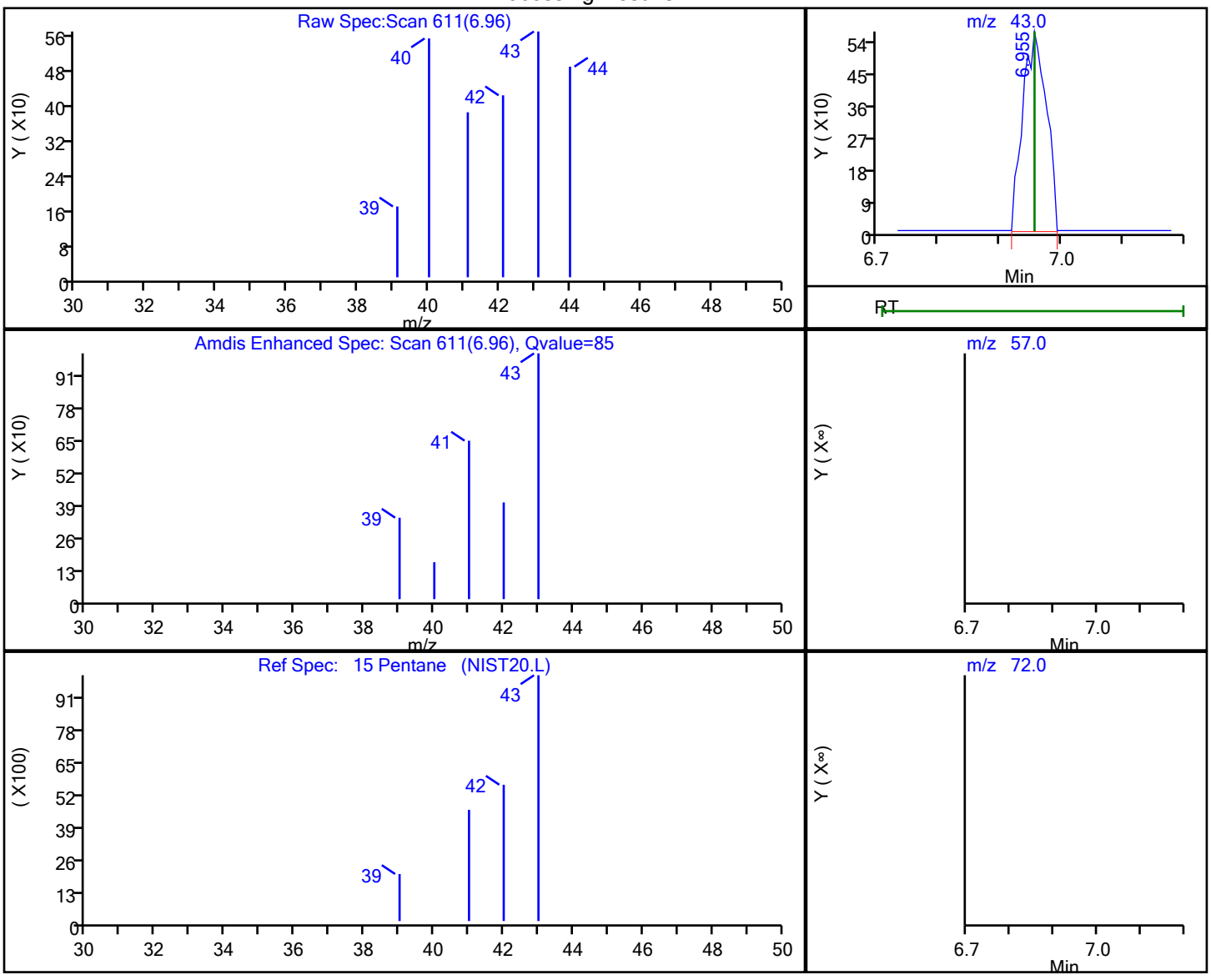
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 15 Pentane, CAS: 109-66-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 6.96 | 43.00 | 1519 | 0.042899 |
| 6.96 | 57.00 | 0 | |
| 6.96 | 72.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:52:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

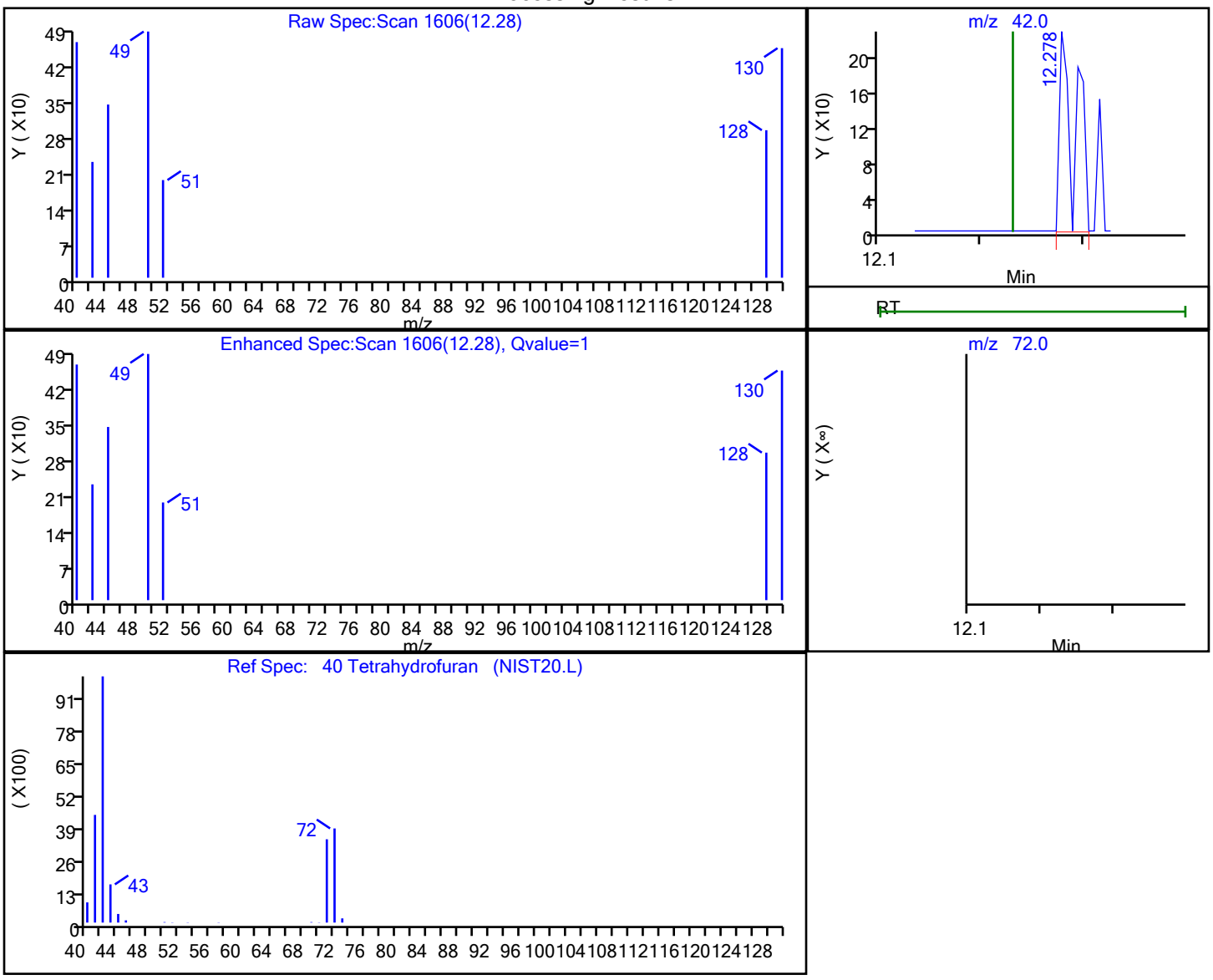
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 40 Tetrahydrofuran, CAS: 109-99-9

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 12.28 | 42.00 | 246 | 0.014432 |
| 12.23 | 72.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:54:05 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

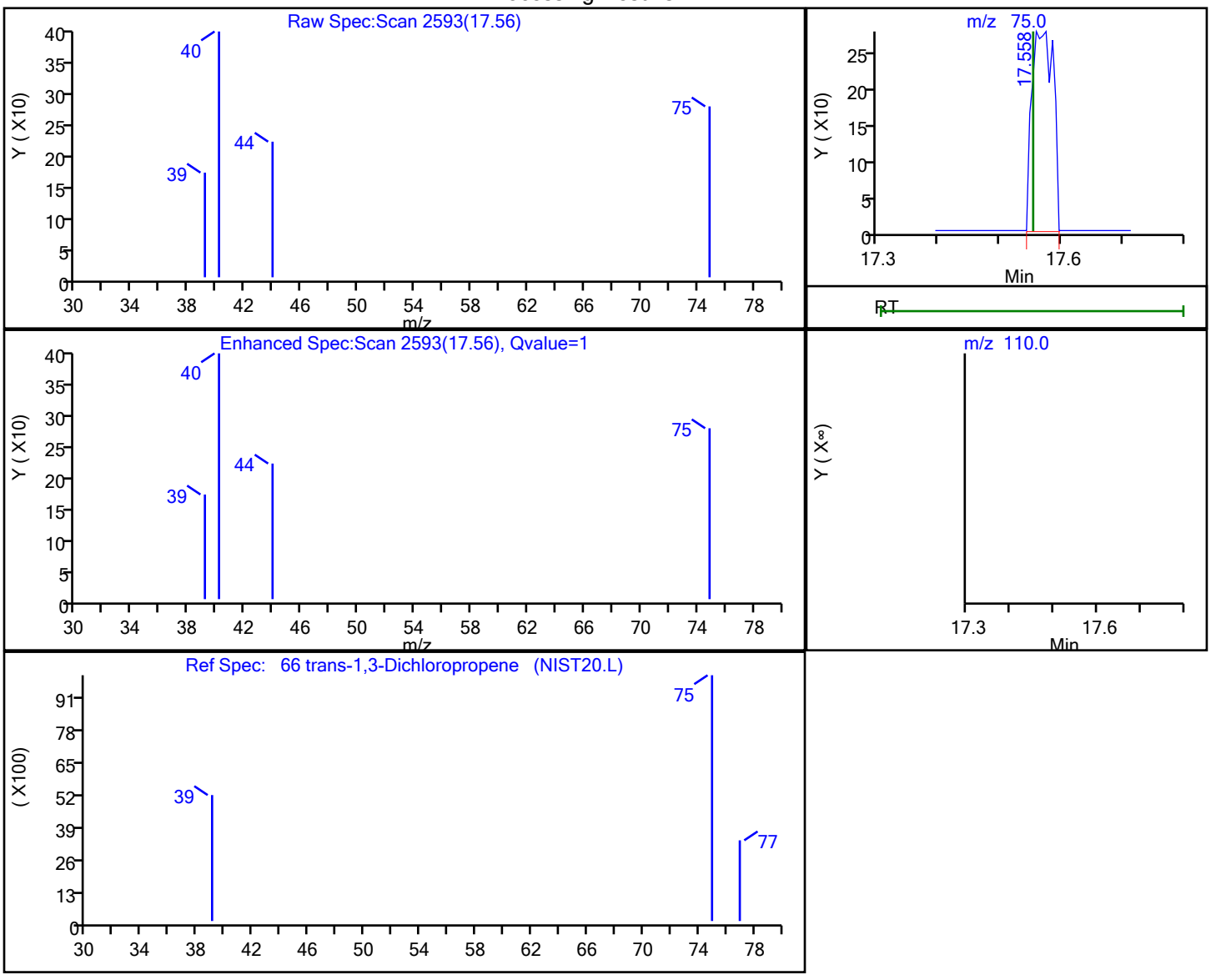
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-05.d | | | | |
| Injection Date: | 07-Jan-2025 19:13:30 | Instrument ID: | CHW.i | | |
| Lims ID: | ic | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 5 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 66 trans-1,3-Dichloropropene, CAS: 10061-02-6

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 17.56 | 75.00 | 677 | 0.027711 |
| 17.55 | 110.00 | 0 | |

Reviewer: YWL8, 08-Jan-2025 14:54:43 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-12.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Jan-2025 01:08:30 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-012
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:55 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 08-Jan-2025 15:36:38

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.072 | 4.072 | 0.000 | 96 | 60665 | 4.24 | 3.72 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 182669 | 4.24 | 3.82 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.200 | 0.000 | 98 | 113908 | 4.24 | 3.88 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 96 | 201424 | 4.24 | 3.72 | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.000 | 99 | 71128 | 4.24 | 3.85 | |
| 6 Vinyl chloride | 62 | 4.906 | 4.912 | -0.006 | 100 | 68744 | 4.24 | 3.69 | |
| 7 Butane | 43 | 4.912 | 4.917 | -0.005 | 99 | 97932 | 4.24 | 3.86 | |
| 8 Butadiene | 54 | 5.024 | 5.024 | 0.000 | 92 | 51442 | 4.24 | 3.41 | |
| 9 Bromomethane | 94 | 5.762 | 5.768 | -0.006 | 100 | 72098 | 4.24 | 3.65 | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 99 | 43031 | 4.24 | 3.75 | |
| 12 2-Methylbutane | 43 | 6.297 | 6.298 | -0.001 | 92 | 82050 | 4.24 | 3.40 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.538 | -0.005 | 99 | 63574 | 4.24 | 3.41 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 99 | 170483 | 4.24 | 3.70 | |
| 15 Pentane | 43 | 6.955 | 6.956 | -0.001 | 94 | 120298 | 4.24 | 3.47 | |
| 16 Ethanol | 45 | 7.169 | 7.164 | 0.005 | 98 | 81928 | 8.49 | 8.48 | |
| 18 Ethyl ether | 59 | 7.448 | 7.442 | 0.006 | 92 | 48689 | 4.24 | 3.45 | |
| 19 Acrolein | 56 | 7.731 | 7.721 | 0.010 | 96 | 28987 | 4.97 | 3.79 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 98 | 72528 | 4.24 | 3.50 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.004 | 8.009 | -0.005 | 98 | 161111 | 4.24 | 3.69 | |
| 22 Acetone | 43 | 8.057 | 8.047 | 0.010 | 97 | 100080 | 4.24 | 3.62 | |
| 23 Isopropyl alcohol | 45 | 8.416 | 8.405 | 0.011 | 97 | 107004 | 4.92 | 3.70 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 231658 | 4.24 | 3.78 | |
| 25 Acetonitrile | 41 | 8.651 | 8.641 | 0.010 | 100 | 58190 | 4.24 | 3.62 | |
| 26 3-Chloro-1-propene | 41 | 8.796 | 8.796 | 0.000 | 96 | 83844 | 4.24 | 3.18 | |
| 27 Methylene Chloride | 49 | 9.069 | 9.074 | -0.005 | 93 | 89711 | 4.24 | 3.80 | |
| 28 2-Methyl-2-propanol | 59 | 9.331 | 9.320 | 0.011 | 96 | 117804 | 4.24 | 3.14 | |
| 29 Acrylonitrile | 53 | 9.555 | 9.550 | 0.005 | 96 | 51488 | 4.24 | 3.48 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.678 | 9.679 | -0.001 | 98 | 107043 | 4.24 | 3.62 | |
| 31 Methyl tert-butyl ether | 73 | 9.684 | 9.679 | 0.005 | 98 | 184497 | 4.24 | 3.43 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 8.49 | 7.14 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 93 | 109090 | 4.24 | 3.41 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 100 | 141516 | 4.24 | 3.61 | |
| 34 Vinyl acetate | 43 | 10.593 | 10.588 | 0.005 | 99 | 139518 | 4.83 | 3.30 | |
| 36 2-Butanone (MEK) | 72 | 11.685 | 11.679 | 0.006 | 99 | 35079 | 4.24 | 3.42 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 92 | 80738 | 4.24 | 3.51 | |
| 38 Ethyl acetate | 88 | 11.781 | 11.776 | 0.005 | 99 | 6651 | 4.24 | 3.22 | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 91 | 160619 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.241 | 12.230 | 0.011 | 91 | 78507 | 4.24 | 3.35 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 95 | 155289 | 4.24 | 3.70 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 99 | 146819 | 4.24 | 3.63 | |
| 43 Cyclohexane | 84 | 12.883 | 12.878 | 0.005 | 98 | 98398 | 4.24 | 3.42 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.033 | 0.000 | 98 | 150054 | 4.24 | 3.68 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 244970 | 4.24 | 3.56 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 94 | 91941 | 4.24 | 3.75 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 100 | 372254 | 4.24 | 3.60 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 91 | 129255 | 4.24 | 3.66 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 809051 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.418 | 14.402 | 0.016 | 90 | 43082 | 4.24 | 2.89 | |
| 51 Trichloroethene | 95 | 14.654 | 14.659 | -0.005 | 98 | 102752 | 4.24 | 3.50 | |
| 53 1,2-Dichloropropane | 63 | 15.135 | 15.141 | -0.006 | 88 | 94000 | 4.24 | 3.70 | |
| 54 Methyl methacrylate | 69 | 15.215 | 15.210 | 0.005 | 99 | 76483 | 4.24 | 3.33 | |
| 55 1,4-Dioxane | 88 | 15.274 | 15.269 | 0.005 | 94 | 51382 | 4.24 | 3.64 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 95 | 105201 | 4.24 | 3.59 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 161944 | 4.24 | 3.67 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 91 | 123493 | 4.24 | 3.27 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.719 | 16.713 | 0.006 | 97 | 140802 | 4.24 | 3.29 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 165391 | 4.24 | 3.61 | |
| A 63 Toluene Range | 1 | 17.152 | (17.072-17.243) | | 0 | 652358 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 91 | 188829 | 4.24 | 3.88 | |
| A 65 C8 Range | 1 | 17.382 | (17.302-17.484) | | 0 | 771428 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 97 | 107305 | 4.24 | 3.58 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 97 | 86448 | 4.24 | 3.72 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 146138 | 4.24 | 3.56 | |
| 69 2-Hexanone | 43 | 18.345 | 18.340 | 0.005 | 95 | 123086 | 4.24 | 3.18 | |
| 70 Chlorodibromomethane | 129 | 18.719 | 18.720 | -0.001 | 98 | 164915 | 4.24 | 3.70 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 144619 | 4.24 | 3.59 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 698944 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.961 | 19.966 | -0.005 | 96 | 247264 | 4.24 | 3.65 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 12.7 | 11.3 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 373839 | 4.24 | 3.66 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.399 | 0.000 | 0 | 309491 | 8.49 | 7.74 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 90 | 202604 | 4.24 | 4.06 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 98 | 133303 | 4.24 | 3.61 | |
| 79 Styrene | 104 | 21.143 | 21.138 | 0.005 | 98 | 235431 | 4.24 | 3.88 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 161661 | 4.24 | 3.72 | |
| 82 Isopropylbenzene | 105 | 21.731 | 21.726 | 0.005 | 98 | 410119 | 4.24 | 3.74 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 98 | 232878 | 4.24 | 3.72 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 99 | 176710 | 4.24 | 3.76 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 99 | 524658 | 4.24 | 3.77 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 96 | 364294 | 4.24 | 3.74 | |
| 87 4-Ethyltoluene | 105 | 22.566 | 22.566 | 0.000 | 98 | 442973 | 4.24 | 3.91 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.652 | -0.001 | 94 | 369663 | 4.24 | 3.84 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 91 | 261067 | 4.24 | 3.91 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.967 | 22.962 | 0.005 | 90 | 169585 | 4.24 | 3.52 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 96 | 356188 | 4.24 | 3.80 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 363065 | 4.24 | 3.84 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.433 | 0.000 | 99 | 535621 | 4.24 | 3.76 | |
| 94 1,3-Dichlorobenzene | 146 | 23.630 | 23.625 | 0.005 | 97 | 256094 | 4.24 | 3.61 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.647 | -0.001 | 98 | 457972 | 4.24 | 3.79 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 248780 | 4.24 | 3.56 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 287631 | 4.24 | 3.57 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 411917 | 4.24 | 3.77 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 98 | 246423 | 4.24 | 3.56 | |
| 100 Undecane | 57 | 24.379 | 24.380 | -0.001 | 95 | 274358 | 4.24 | 3.52 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 202248 | 4.24 | 2.89 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.028 | 27.028 | 0.000 | 94 | 149782 | 4.98 | 3.57 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 193930 | 4.77 | 3.66 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | 0.000 | 100 | 314862 | 5.05 | 3.36 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.055 | 28.055 | 0.000 | 95 | 132398 | 4.94 | 3.46 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

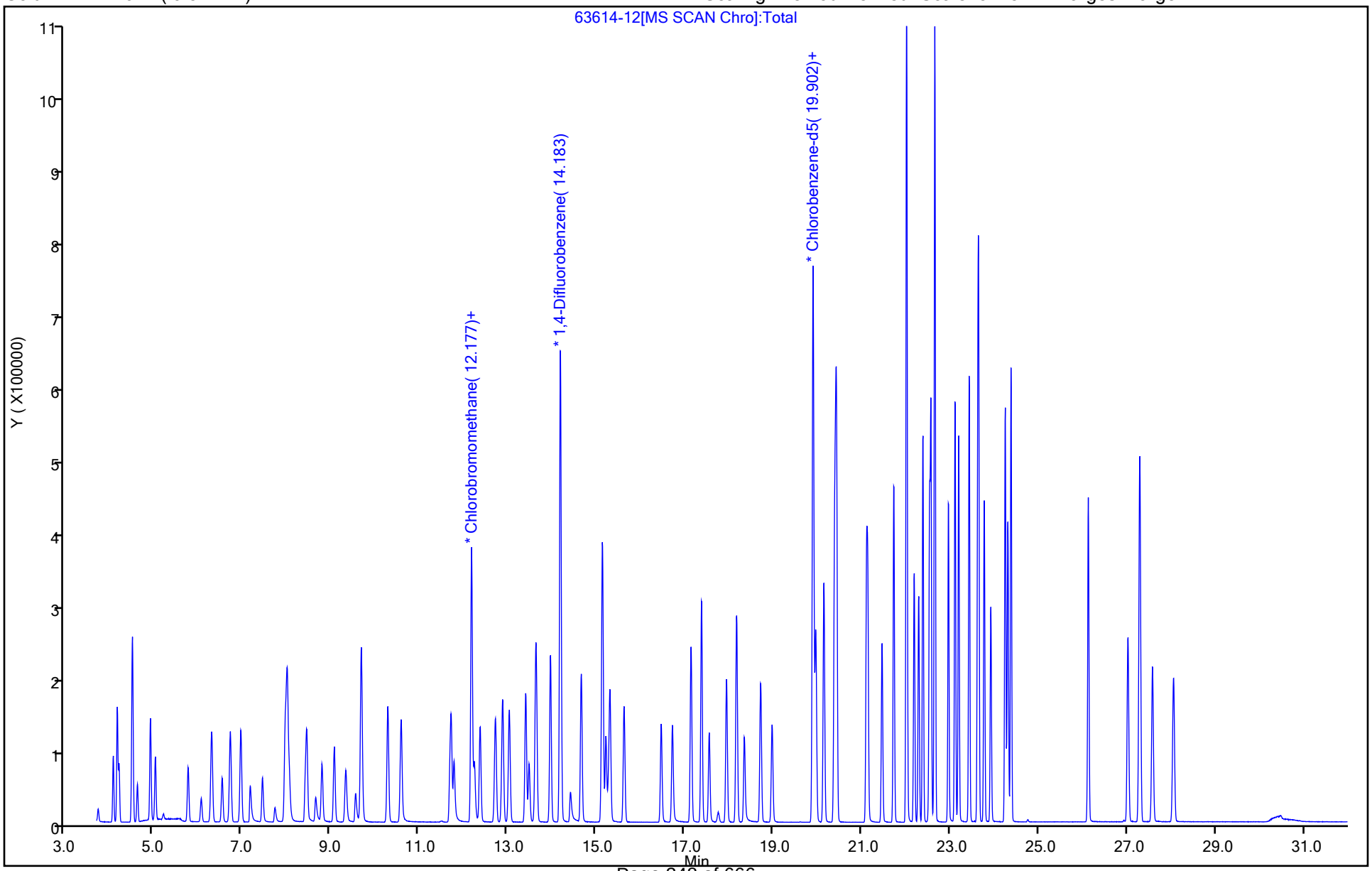
| | | | |
|---|---|---|---|
| ATTO15CAL3w_00283 | Amount Added: 170.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

Report Date: 09-Jan-2025 06:40:56 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-12.d | | | | |
| Injection Date: | 08-Jan-2025 01:08:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ic | | | Worklist Smp#: | 12 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 12 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-13.d
Lims ID: icis
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 08-Jan-2025 02:00:30 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-013
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:45 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 09-Jan-2025 07:27:45

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.072 | 4.072 | 0.000 | 96 | 176264 | 10.0 | 10.5 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 516769 | 10.0 | 10.5 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.200 | 0.000 | 98 | 320978 | 10.0 | 10.6 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 97 | 574155 | 10.0 | 10.2 | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.000 | 99 | 200383 | 10.0 | 10.5 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 100 | 191962 | 10.0 | 9.96 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 98 | 276498 | 10.0 | 10.5 | |
| 8 Butadiene | 54 | 5.024 | 5.024 | 0.000 | 92 | 147563 | 10.0 | 9.45 | |
| 9 Bromomethane | 94 | 5.768 | 5.768 | 0.000 | 99 | 204355 | 10.0 | 10.0 | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 99 | 123109 | 10.0 | 10.4 | |
| 12 2-Methylbutane | 43 | 6.298 | 6.298 | 0.000 | 93 | 249247 | 10.0 | 9.99 | |
| 13 Vinyl bromide | 106 | 6.538 | 6.538 | 0.000 | 99 | 192179 | 10.0 | 9.97 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 99 | 483239 | 10.0 | 10.2 | |
| 15 Pentane | 43 | 6.956 | 6.956 | 0.000 | 96 | 378798 | 10.0 | 10.6 | |
| 16 Ethanol | 45 | 7.164 | 7.164 | 0.000 | 98 | 153284 | 15.0 | 15.3 | |
| 18 Ethyl ether | 59 | 7.442 | 7.442 | 0.000 | 92 | 153455 | 10.0 | 10.5 | |
| 19 Acrolein | 56 | 7.721 | 7.721 | 0.000 | 95 | 93458 | 11.7 | 11.8 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 98 | 216113 | 10.0 | 10.1 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 98 | 458723 | 10.0 | 10.2 | |
| 22 Acetone | 43 | 8.047 | 8.047 | 0.000 | 96 | 291954 | 10.0 | 10.2 | |
| 23 Isopropyl alcohol | 45 | 8.405 | 8.405 | 0.000 | 99 | 357135 | 11.6 | 11.9 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 660808 | 10.0 | 10.4 | |
| 25 Acetonitrile | 41 | 8.641 | 8.641 | 0.000 | 99 | 173503 | 10.0 | 10.4 | |
| 26 3-Chloro-1-propene | 41 | 8.796 | 8.796 | 0.000 | 95 | 270215 | 10.0 | 9.91 | |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 93 | 253357 | 10.0 | 10.4 | |
| 28 2-Methyl-2-propanol | 59 | 9.320 | 9.320 | 0.000 | 98 | 390124 | 10.0 | 10.1 | |
| 29 Acrylonitrile | 53 | 9.550 | 9.550 | 0.000 | 96 | 160335 | 10.0 | 10.5 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.679 | 9.679 | 0.000 | 99 | 315818 | 10.0 | 10.3 | |
| 31 Methyl tert-butyl ether | 73 | 9.679 | 9.679 | 0.000 | 98 | 588481 | 10.0 | 10.6 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 20.0 | 20.9 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 92 | 356833 | 10.0 | 10.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 409290 | 10.0 | 10.1 | |
| 34 Vinyl acetate | 43 | 10.588 | 10.588 | 0.000 | 100 | 500525 | 11.4 | 11.4 | |
| 36 2-Butanone (MEK) | 72 | 11.679 | 11.679 | 0.000 | 99 | 115528 | 10.0 | 10.9 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 93 | 250287 | 10.0 | 10.5 | |
| 38 Ethyl acetate | 88 | 11.776 | 11.776 | 0.000 | 100 | 21564 | 10.0 | 10.1 | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 91 | 166089 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.230 | 12.230 | 0.000 | 93 | 251676 | 10.0 | 10.4 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 96 | 445133 | 10.0 | 10.2 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 99 | 428133 | 10.0 | 10.2 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 98 | 320734 | 10.0 | 10.8 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.033 | 0.000 | 99 | 436108 | 10.0 | 10.4 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 733667 | 10.0 | 10.3 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 95 | 265853 | 10.0 | 10.5 | |
| 47 Isooctane | 57 | 13.632 | 13.632 | 0.000 | 100 | 1180830 | 10.0 | 11.1 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 91 | 411633 | 10.0 | 11.3 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 835711 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.402 | 14.402 | 0.000 | 88 | 157155 | 10.0 | 10.2 | |
| 51 Trichloroethene | 95 | 14.659 | 14.659 | 0.000 | 98 | 305005 | 10.0 | 10.1 | |
| 53 1,2-Dichloropropane | 63 | 15.141 | 15.141 | 0.000 | 87 | 278227 | 10.0 | 10.6 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 98 | 262178 | 10.0 | 11.1 | |
| 55 1,4-Dioxane | 88 | 15.269 | 15.269 | 0.000 | 94 | 161221 | 10.0 | 11.1 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 95 | 303593 | 10.0 | 10.0 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 477295 | 10.0 | 10.5 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 91 | 418074 | 10.0 | 10.7 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 96 | 490671 | 10.0 | 11.1 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 525555 | 10.0 | 10.9 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 2051102 | NC | NC | |
| 64 n-Octane | 43 | 17.377 | 17.377 | 0.000 | 91 | 590606 | 10.0 | 11.8 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 2328544 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 96 | 340464 | 10.0 | 11.0 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 96 | 253763 | 10.0 | 10.4 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 437794 | 10.0 | 10.1 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 96 | 451274 | 10.0 | 11.1 | |
| 70 Chlorodibromomethane | 129 | 18.720 | 18.720 | 0.000 | 99 | 499065 | 10.0 | 10.6 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 100 | 446788 | 10.0 | 10.5 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 736944 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 96 | 728719 | 10.0 | 10.2 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 30.0 | 33.4 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 1162781 | 10.0 | 10.8 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.399 | 0.000 | 0 | 936759 | 20.0 | 22.2 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 89 | 600972 | 10.0 | 11.4 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 436160 | 10.0 | 11.2 | |
| 79 Styrene | 104 | 21.138 | 21.138 | 0.000 | 98 | 742000 | 10.0 | 11.6 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 489366 | 10.0 | 10.7 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 1318941 | 10.0 | 11.4 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.192 | 22.192 | 0.000 | 97 | 692625 | 10.0 | 10.5 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 99 | 530664 | 10.0 | 10.7 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 99 | 1639742 | 10.0 | 11.2 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 97 | 1110096 | 10.0 | 10.8 | |
| 87 4-Ethyltoluene | 105 | 22.566 | 22.566 | 0.000 | 98 | 1354080 | 10.0 | 11.3 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.652 | 22.652 | 0.000 | 93 | 1115937 | 10.0 | 11.0 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 91 | 783266 | 10.0 | 11.1 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 90 | 588239 | 10.0 | 11.6 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 95 | 1093748 | 10.0 | 11.1 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 1121004 | 10.0 | 11.3 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.433 | 0.000 | 99 | 1677713 | 10.0 | 11.2 | |
| 94 1,3-Dichlorobenzene | 146 | 23.625 | 23.625 | 0.000 | 97 | 795101 | 10.0 | 10.6 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.647 | 0.000 | 98 | 1445867 | 10.0 | 11.4 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 785867 | 10.0 | 10.7 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 979959 | 10.0 | 11.5 | |
| 98 n-Butylbenzene | 91 | 24.246 | 24.246 | 0.000 | 98 | 1336391 | 10.0 | 11.6 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 97 | 760242 | 10.0 | 10.4 | |
| 100 Undecane | 57 | 24.380 | 24.380 | 0.000 | 95 | 871142 | 10.0 | 10.6 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 716588 | 10.0 | 9.70 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.028 | 27.028 | 0.000 | 94 | 574432 | 11.7 | 13.0 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 622858 | 11.2 | 11.1 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | 0.000 | 100 | 1227663 | 11.9 | 12.4 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.055 | 28.055 | 0.000 | 95 | 505254 | 11.6 | 12.5 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL4w_00831 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

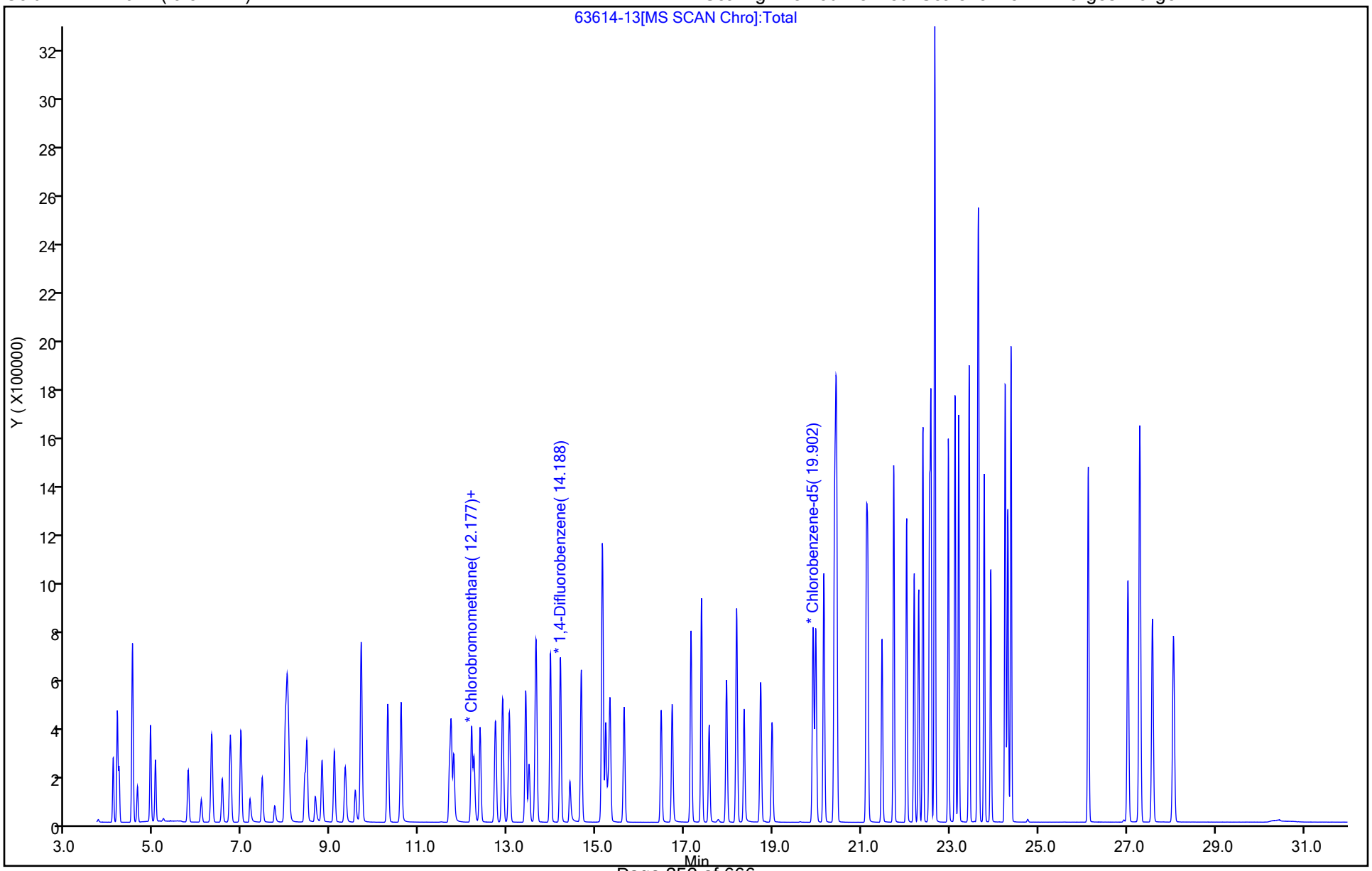
Report Date: 09-Jan-2025 06:40:45 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-13.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 02:00:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | icis | | | Worklist Smp#: | 13 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 13 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Report Date: 09-Jan-2025 06:40:57 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-14.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Jan-2025 02:50:30 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-014
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:56 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 08-Jan-2025 15:37:18

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.072 | 4.072 | 0.000 | 97 | 279166 | 15.0 | 16.0 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 813323 | 15.0 | 15.9 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.200 | 0.000 | 97 | 503175 | 15.0 | 16.0 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 95 | 901490 | 15.0 | 15.5 | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.000 | 99 | 313625 | 15.0 | 15.8 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 100 | 295948 | 15.0 | 14.8 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 100 | 428706 | 15.0 | 15.8 | |
| 8 Butadiene | 54 | 5.024 | 5.024 | 0.000 | 92 | 229274 | 15.0 | 14.1 | |
| 9 Bromomethane | 94 | 5.762 | 5.768 | -0.006 | 99 | 321860 | 15.0 | 15.2 | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 99 | 194863 | 15.0 | 15.8 | |
| 12 2-Methylbutane | 43 | 6.297 | 6.298 | -0.001 | 94 | 401268 | 15.0 | 15.5 | |
| 13 Vinyl bromide | 106 | 6.538 | 6.538 | 0.000 | 99 | 308906 | 15.0 | 15.4 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 99 | 755033 | 15.0 | 15.3 | |
| 15 Pentane | 43 | 6.961 | 6.956 | 0.005 | 96 | 606932 | 15.0 | 16.3 | |
| 16 Ethanol | 45 | 7.164 | 7.164 | 0.000 | 98 | 212888 | 20.0 | 20.5 | |
| 18 Ethyl ether | 59 | 7.437 | 7.442 | -0.005 | 91 | 248952 | 15.0 | 16.5 | |
| 19 Acrolein | 56 | 7.720 | 7.721 | -0.001 | 95 | 155983 | 17.6 | 19.0 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 98 | 347541 | 15.0 | 15.6 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 99 | 716236 | 15.0 | 15.3 | |
| 22 Acetone | 43 | 8.041 | 8.047 | -0.006 | 96 | 478671 | 15.0 | 16.1 | |
| 23 Isopropyl alcohol | 45 | 8.400 | 8.405 | -0.005 | 100 | 580356 | 17.4 | 18.7 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 1043050 | 15.0 | 15.9 | |
| 25 Acetonitrile | 41 | 8.641 | 8.641 | 0.000 | 100 | 272920 | 15.0 | 15.8 | |
| 26 3-Chloro-1-propene | 41 | 8.790 | 8.796 | -0.006 | 94 | 440458 | 15.0 | 15.6 | |
| 27 Methylene Chloride | 49 | 9.069 | 9.074 | -0.005 | 92 | 394683 | 15.0 | 15.6 | |
| 28 2-Methyl-2-propanol | 59 | 9.315 | 9.320 | -0.005 | 99 | 647455 | 15.0 | 16.1 | |
| 29 Acrylonitrile | 53 | 9.545 | 9.550 | -0.005 | 96 | 259807 | 15.0 | 16.4 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.678 | 9.679 | -0.001 | 80 | 497605 | 15.0 | 15.7 | |
| 31 Methyl tert-butyl ether | 73 | 9.678 | 9.679 | -0.001 | 98 | 957645 | 15.0 | 16.6 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 30.0 | 31.8 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 91 | 576534 | 15.0 | 16.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 642447 | 15.0 | 15.3 | |
| 34 Vinyl acetate | 43 | 10.583 | 10.588 | -0.005 | 100 | 844015 | 17.1 | 18.6 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.679 | -0.005 | 98 | 190399 | 15.0 | 17.3 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 93 | 396853 | 15.0 | 16.1 | |
| 38 Ethyl acetate | 88 | 11.770 | 11.776 | -0.006 | 100 | 35662 | 15.0 | 16.1 | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 91 | 172327 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.225 | 12.230 | -0.005 | 93 | 406215 | 15.0 | 16.2 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 96 | 699571 | 15.0 | 15.5 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 98 | 676138 | 15.0 | 15.6 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 98 | 516924 | 15.0 | 16.7 | |
| 44 Carbon tetrachloride | 117 | 13.027 | 13.033 | -0.006 | 99 | 692223 | 15.0 | 15.8 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 1167824 | 15.0 | 15.8 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 94 | 417785 | 15.0 | 15.9 | |
| 47 Isooctane | 57 | 13.632 | 13.632 | 0.000 | 100 | 1882113 | 15.0 | 17.0 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 90 | 655888 | 15.0 | 17.3 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 867622 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.397 | 14.402 | -0.005 | 87 | 258963 | 15.0 | 16.2 | |
| 51 Trichloroethene | 95 | 14.659 | 14.659 | 0.000 | 98 | 482038 | 15.0 | 15.3 | |
| 53 1,2-Dichloropropane | 63 | 15.140 | 15.141 | -0.001 | 86 | 437253 | 15.0 | 16.1 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 99 | 427860 | 15.0 | 17.4 | |
| 55 1,4-Dioxane | 88 | 15.269 | 15.269 | 0.000 | 93 | 251869 | 15.0 | 16.7 | |
| 57 Dibromomethane | 174 | 15.306 | 15.312 | -0.006 | 95 | 477591 | 15.0 | 15.2 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 756454 | 15.0 | 16.0 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 90 | 694186 | 15.0 | 17.1 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 95 | 804268 | 15.0 | 17.5 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 94 | 841903 | 15.0 | 16.7 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 3272375 | NC | NC | |
| 64 n-Octane | 43 | 17.377 | 17.377 | 0.000 | 91 | 932187 | 15.0 | 17.9 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 3657339 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 96 | 555367 | 15.0 | 17.3 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 96 | 403403 | 15.0 | 15.8 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 695500 | 15.0 | 15.4 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 96 | 760197 | 15.0 | 17.9 | |
| 70 Chlorodibromomethane | 129 | 18.714 | 18.720 | -0.006 | 98 | 804037 | 15.0 | 16.4 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 718063 | 15.0 | 16.2 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 768019 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 97 | 1147801 | 15.0 | 15.4 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 45.0 | 50.7 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 1859588 | 15.0 | 16.6 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.399 | 0.000 | 0 | 1475247 | 30.0 | 33.6 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 89 | 936636 | 15.0 | 17.1 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 696961 | 15.0 | 17.2 | |
| 79 Styrene | 104 | 21.137 | 21.138 | -0.001 | 98 | 1186695 | 15.0 | 17.8 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 811253 | 15.0 | 17.0 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 2107818 | 15.0 | 17.5 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 98 | 1091818 | 15.0 | 15.9 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 99 | 831818 | 15.0 | 16.1 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 99 | 2580958 | 15.0 | 16.9 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 96 | 1758109 | 15.0 | 16.4 | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 98 | 2126544 | 15.0 | 17.1 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.652 | -0.001 | 93 | 1749417 | 15.0 | 16.5 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 92 | 1222631 | 15.0 | 16.7 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 90 | 953286 | 15.0 | 18.0 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 95 | 1726807 | 15.0 | 16.7 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 1770047 | 15.0 | 17.1 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.433 | -0.001 | 99 | 2657514 | 15.0 | 17.0 | |
| 94 1,3-Dichlorobenzene | 146 | 23.625 | 23.625 | 0.000 | 97 | 1256293 | 15.0 | 16.1 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.647 | -0.001 | 98 | 2298766 | 15.0 | 17.3 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 1256543 | 15.0 | 16.3 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 1601407 | 15.0 | 18.1 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 2111854 | 15.0 | 17.6 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 97 | 1197629 | 15.0 | 15.7 | |
| 100 Undecane | 57 | 24.379 | 24.380 | -0.001 | 95 | 1374411 | 15.0 | 16.0 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 1291784 | 15.0 | 16.8 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.028 | 27.028 | 0.000 | 94 | 976140 | 17.6 | 21.2 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 996701 | 16.9 | 17.1 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | 0.000 | 100 | 2177539 | 17.8 | 21.2 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.055 | 28.055 | 0.000 | 95 | 880109 | 17.5 | 20.9 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL5w_00150 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

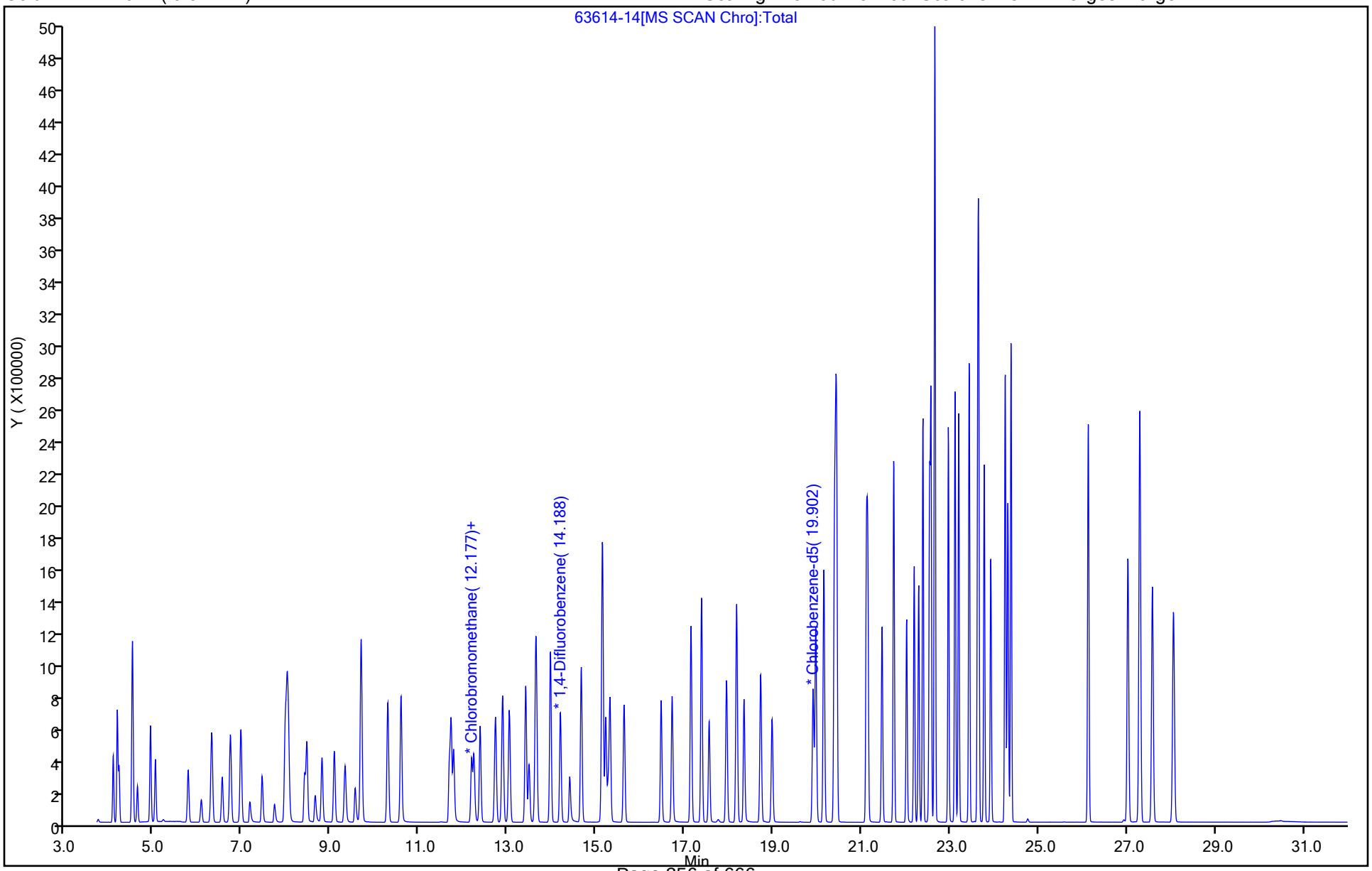
Report Date: 09-Jan-2025 06:40:57 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-14.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 02:50:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ic | | | Worklist Smp#: | 14 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 14 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-17.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 08-Jan-2025 05:24:30 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-017
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:58 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 09-Jan-2025 08:02:31

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.077 | 4.072 | 0.005 | 97 | 357012 | 20.0 | 19.7 | |
| 2 Dichlorodifluoromethane | 85 | 4.168 | 4.163 | 0.005 | 99 | 1061822 | 20.0 | 20.0 | |
| 3 Chlorodifluoromethane | 51 | 4.206 | 4.200 | 0.006 | 97 | 643724 | 20.0 | 19.8 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 97 | 1182257 | 20.0 | 19.7 | |
| 5 Chloromethane | 50 | 4.623 | 4.618 | 0.005 | 99 | 401385 | 20.0 | 19.6 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 100 | 379887 | 20.0 | 18.4 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 98 | 540218 | 20.0 | 19.2 | |
| 8 Butadiene | 54 | 5.030 | 5.024 | 0.006 | 92 | 292959 | 20.0 | 17.5 | |
| 9 Bromomethane | 94 | 5.768 | 5.768 | 0.000 | 100 | 426846 | 20.0 | 19.5 | |
| 10 Chloroethane | 64 | 6.067 | 6.062 | 0.005 | 99 | 256563 | 20.0 | 20.1 | |
| 12 2-Methylbutane | 43 | 6.303 | 6.298 | 0.005 | 93 | 521395 | 20.0 | 19.5 | |
| 13 Vinyl bromide | 106 | 6.538 | 6.538 | 0.000 | 99 | 416233 | 20.0 | 20.1 | |
| 14 Trichlorofluoromethane | 101 | 6.725 | 6.720 | 0.005 | 98 | 1002582 | 20.0 | 19.6 | |
| 15 Pentane | 43 | 6.961 | 6.956 | 0.005 | 96 | 792844 | 20.0 | 20.6 | |
| 16 Ethanol | 45 | 7.159 | 7.164 | -0.005 | 98 | 419915 | 40.0 | 39.2 | |
| 18 Ethyl ether | 59 | 7.437 | 7.442 | -0.005 | 91 | 334011 | 20.0 | 21.4 | |
| 19 Acrolein | 56 | 7.721 | 7.721 | -0.001 | 94 | 206784 | 23.4 | 24.4 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 97 | 464483 | 20.0 | 20.2 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 99 | 948661 | 20.0 | 19.6 | |
| 22 Acetone | 43 | 8.041 | 8.047 | -0.006 | 96 | 603188 | 20.0 | 19.7 | |
| 23 Isopropyl alcohol | 45 | 8.400 | 8.405 | -0.005 | 100 | 767762 | 23.2 | 23.9 | |
| 24 Carbon disulfide | 76 | 8.453 | 8.448 | 0.005 | 98 | 1366511 | 20.0 | 20.1 | |
| 25 Acetonitrile | 41 | 8.641 | 8.641 | 0.000 | 99 | 356972 | 20.0 | 20.0 | |
| 26 3-Chloro-1-propene | 41 | 8.796 | 8.796 | 0.000 | 95 | 577099 | 20.0 | 19.7 | |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 92 | 510023 | 20.0 | 19.5 | |
| 28 2-Methyl-2-propanol | 59 | 9.315 | 9.320 | -0.005 | 99 | 872826 | 20.0 | 21.0 | |
| 29 Acrylonitrile | 53 | 9.545 | 9.550 | -0.005 | 96 | 346911 | 20.0 | 21.2 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.678 | 9.679 | -0.001 | 98 | 653775 | 20.0 | 20.0 | |
| 31 Methyl tert-butyl ether | 73 | 9.678 | 9.679 | -0.001 | 98 | 1279137 | 20.0 | 21.5 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 40.0 | 40.7 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 91 | 766462 | 20.0 | 21.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 841733 | 20.0 | 19.4 | |
| 34 Vinyl acetate | 43 | 10.583 | 10.588 | -0.005 | 100 | 1129466 | 22.8 | 24.1 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.679 | -0.005 | 98 | 255458 | 20.0 | 22.4 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 92 | 529170 | 20.0 | 20.8 | |
| 38 Ethyl acetate | 88 | 11.770 | 11.776 | -0.006 | 100 | 48024 | 20.0 | 21.0 | |
| * 39 Chlorobromomethane | 128 | 12.182 | 12.177 | 0.005 | 92 | 178116 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.230 | 12.230 | 0.000 | 93 | 534438 | 20.0 | 20.4 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 95 | 923953 | 20.0 | 19.8 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 98 | 901004 | 20.0 | 19.9 | |
| 43 Cyclohexane | 84 | 12.883 | 12.878 | 0.005 | 98 | 694544 | 20.0 | 21.6 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.033 | 0.000 | 99 | 920968 | 20.0 | 20.2 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 1553038 | 20.0 | 20.2 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 95 | 548032 | 20.0 | 20.0 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 100 | 2489384 | 20.0 | 21.6 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 90 | 860362 | 20.0 | 21.8 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 903709 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.397 | 14.402 | -0.005 | 87 | 351552 | 20.0 | 21.1 | |
| 51 Trichloroethene | 95 | 14.659 | 14.659 | 0.000 | 98 | 646632 | 20.0 | 19.7 | |
| 53 1,2-Dichloropropane | 63 | 15.141 | 15.141 | 0.000 | 86 | 574218 | 20.0 | 20.3 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 99 | 583140 | 20.0 | 22.8 | |
| 55 1,4-Dioxane | 88 | 15.269 | 15.269 | 0.000 | 92 | 336111 | 20.0 | 21.3 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 94 | 645243 | 20.0 | 19.7 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 1005142 | 20.0 | 20.4 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 90 | 938957 | 20.0 | 22.3 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 95 | 1075286 | 20.0 | 22.5 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 1127446 | 20.0 | 21.4 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 4369251 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 90 | 1219714 | 20.0 | 22.5 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 4797499 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 96 | 744142 | 20.0 | 22.2 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 96 | 533976 | 20.0 | 20.0 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 941081 | 20.0 | 20.0 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 96 | 1018425 | 20.0 | 22.9 | |
| 70 Chlorodibromomethane | 129 | 18.719 | 18.720 | -0.001 | 98 | 1086428 | 20.0 | 21.2 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 971490 | 20.0 | 21.0 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 802923 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 96 | 1534802 | 20.0 | 19.7 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 60.0 | 64.9 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 2486548 | 20.0 | 21.2 | |
| 76 m-Xylene & p-Xylene | 106 | 20.405 | 20.399 | 0.006 | 0 | 1967889 | 40.0 | 42.8 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 91 | 1226805 | 20.0 | 21.4 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 937125 | 20.0 | 22.1 | |
| 79 Styrene | 104 | 21.143 | 21.138 | 0.005 | 98 | 1591742 | 20.0 | 22.8 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 1100696 | 20.0 | 22.1 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 2818751 | 20.0 | 22.4 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 98 | 1439702 | 20.0 | 20.0 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 98 | 1102238 | 20.0 | 20.4 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 100 | 3433044 | 20.0 | 21.5 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 96 | 2330880 | 20.0 | 20.8 | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 98 | 2837980 | 20.0 | 21.8 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.652 | 22.652 | 0.000 | 93 | 2325816 | 20.0 | 21.0 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 92 | 1591956 | 20.0 | 20.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 90 | 1287845 | 20.0 | 23.2 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 95 | 2312104 | 20.0 | 21.5 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 2356654 | 20.0 | 21.7 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.433 | 0.000 | 99 | 3528520 | 20.0 | 21.6 | |
| 94 1,3-Dichlorobenzene | 146 | 23.631 | 23.625 | 0.006 | 97 | 1673007 | 20.0 | 20.6 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.647 | 0.000 | 98 | 3038885 | 20.0 | 21.9 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 1672466 | 20.0 | 20.8 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 2156161 | 20.0 | 23.3 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 2824939 | 20.0 | 22.5 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 98 | 1603116 | 20.0 | 20.1 | |
| 100 Undecane | 57 | 24.379 | 24.380 | -0.001 | 95 | 1803388 | 20.0 | 20.1 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 1749271 | 20.0 | 21.7 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.028 | 27.028 | 0.000 | 94 | 1362736 | 23.5 | 28.3 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 1360106 | 22.5 | 22.3 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | 0.000 | 100 | 2999621 | 23.8 | 27.9 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.060 | 28.055 | 0.005 | 96 | 1227485 | 23.3 | 27.9 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL6w_00239 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

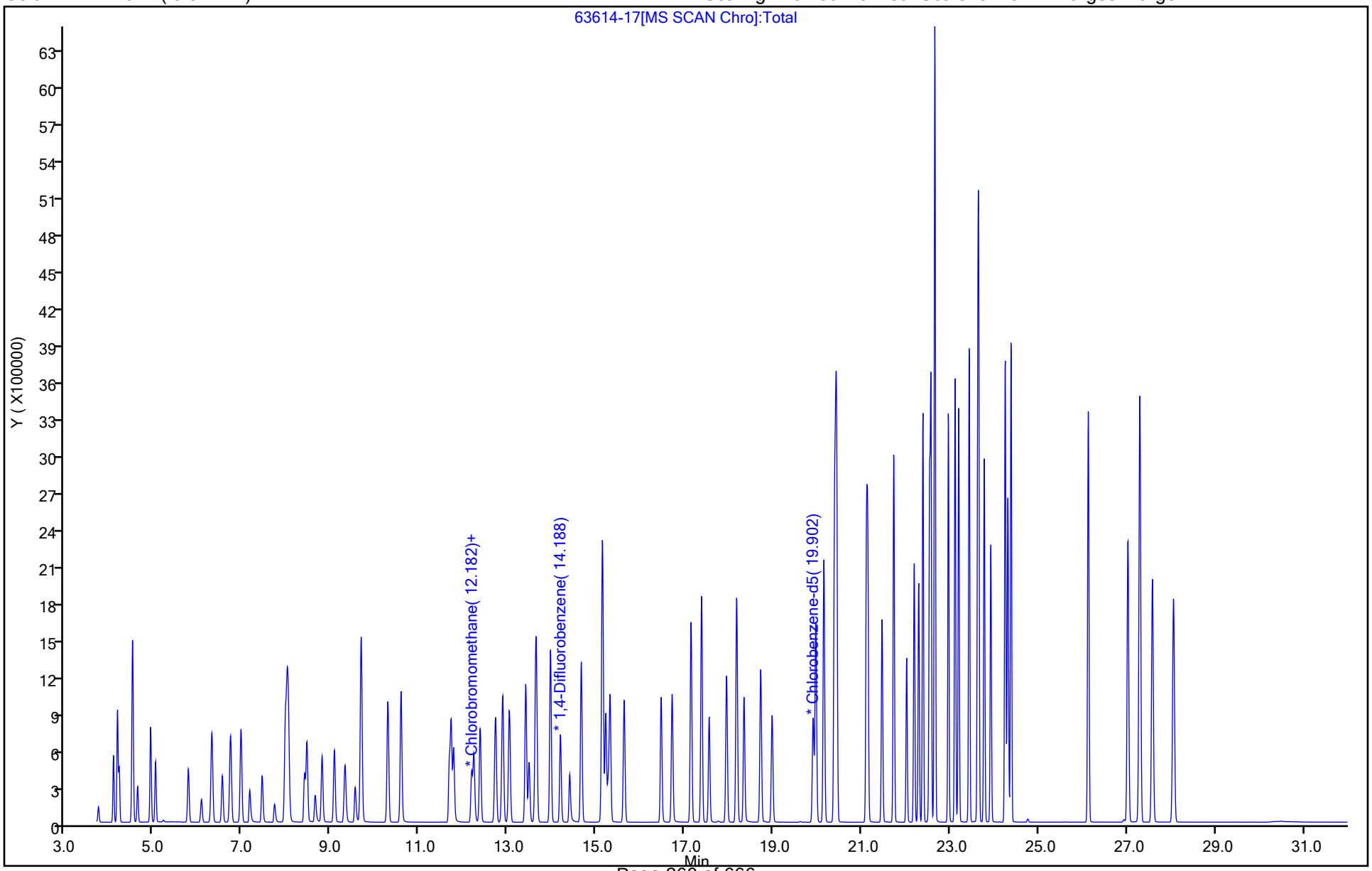
Report Date: 09-Jan-2025 06:40:58 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-17.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 05:24:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ic | | | Worklist Smp#: | 17 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 17 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-18.d
Lims ID: ic
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 08-Jan-2025 06:16:30 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-018
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:40:59 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: BKZ7 Date: 08-Jan-2025 09:38:08

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.072 | 4.072 | 0.000 | 97 | 755104 | 40.0 | 41.1 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 2212454 | 40.0 | 41.1 | |
| 3 Chlorodifluoromethane | 51 | 4.206 | 4.200 | 0.006 | 97 | 1344801 | 40.0 | 40.6 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 94 | 2460029 | 40.0 | 40.3 | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.000 | 99 | 844458 | 40.0 | 40.6 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 100 | 776294 | 40.0 | 37.0 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 98 | 1112859 | 40.0 | 39.0 | |
| 8 Butadiene | 54 | 5.024 | 5.024 | 0.000 | 92 | 608181 | 40.0 | 35.7 | |
| 9 Bromomethane | 94 | 5.768 | 5.768 | 0.000 | 99 | 897653 | 40.0 | 40.3 | |
| 10 Chloroethane | 64 | 6.067 | 6.062 | 0.005 | 99 | 543067 | 40.0 | 41.9 | |
| 12 2-Methylbutane | 43 | 6.297 | 6.298 | -0.001 | 96 | 1113846 | 40.0 | 41.0 | |
| 13 Vinyl bromide | 106 | 6.538 | 6.538 | 0.000 | 100 | 888017 | 40.0 | 42.3 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 98 | 2100415 | 40.0 | 40.5 | |
| 15 Pentane | 43 | 6.961 | 6.956 | 0.005 | 97 | 1695401 | 40.0 | 43.4 | |
| 16 Ethanol | 45 | 7.159 | 7.164 | -0.005 | 98 | 1119330 | 100.0 | 102.7 | |
| 18 Ethyl ether | 59 | 7.437 | 7.442 | -0.005 | 91 | 713463 | 40.0 | 44.9 | |
| 19 Acrolein | 56 | 7.715 | 7.721 | -0.006 | 95 | 445070 | 46.8 | 51.7 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 97 | 990311 | 40.0 | 42.4 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 99 | 1994345 | 40.0 | 40.6 | |
| 22 Acetone | 43 | 8.041 | 8.047 | -0.006 | 96 | 1332450 | 40.0 | 42.7 | |
| 23 Isopropyl alcohol | 45 | 8.400 | 8.405 | -0.005 | 100 | 1683394 | 46.4 | 51.6 | |
| 24 Carbon disulfide | 76 | 8.453 | 8.448 | 0.005 | 98 | 2916364 | 40.0 | 42.2 | |
| 25 Acetonitrile | 41 | 8.635 | 8.641 | -0.006 | 100 | 761757 | 40.0 | 42.0 | |
| 26 3-Chloro-1-propene | 41 | 8.796 | 8.796 | 0.000 | 95 | 1246318 | 40.0 | 41.9 | |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 92 | 1074862 | 40.0 | 40.4 | |
| 28 2-Methyl-2-propanol | 59 | 9.315 | 9.320 | -0.005 | 100 | 1913821 | 40.0 | 45.3 | |
| 29 Acrylonitrile | 53 | 9.545 | 9.550 | -0.005 | 96 | 753046 | 40.0 | 45.2 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.678 | 9.679 | -0.001 | 96 | 1384446 | 40.0 | 41.6 | |
| 31 Methyl tert-butyl ether | 73 | 9.678 | 9.679 | -0.001 | 98 | 2740991 | 40.0 | 45.2 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 80.0 | 84.7 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 91 | 1641829 | 40.0 | 45.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 1770576 | 40.0 | 40.1 | |
| 34 Vinyl acetate | 43 | 10.583 | 10.588 | -0.006 | 100 | 2529982 | 45.6 | 53.1 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.679 | -0.005 | 98 | 552832 | 40.0 | 47.8 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 93 | 1116092 | 40.0 | 43.1 | |
| 38 Ethyl acetate | 88 | 11.770 | 11.776 | -0.006 | 99 | 103378 | 40.0 | 44.4 | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 90 | 181022 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.225 | 12.230 | -0.005 | 93 | 1142267 | 40.0 | 43.0 | |
| 41 Chloroform | 83 | 12.375 | 12.369 | 0.006 | 96 | 1947864 | 40.0 | 41.1 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 98 | 1914292 | 40.0 | 41.7 | |
| 43 Cyclohexane | 84 | 12.883 | 12.878 | 0.005 | 98 | 1485495 | 40.0 | 45.4 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.033 | 0.000 | 99 | 1970755 | 40.0 | 42.6 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 3306817 | 40.0 | 42.3 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 95 | 1169739 | 40.0 | 42.1 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 100 | 5270369 | 40.0 | 44.9 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 90 | 1834705 | 40.0 | 45.8 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 917761 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.391 | 14.402 | -0.011 | 86 | 786855 | 40.0 | 46.5 | |
| 51 Trichloroethene | 95 | 14.659 | 14.659 | 0.000 | 98 | 1376406 | 40.0 | 41.3 | |
| 53 1,2-Dichloropropane | 63 | 15.140 | 15.141 | -0.001 | 86 | 1200888 | 40.0 | 41.7 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 99 | 1260042 | 40.0 | 48.4 | |
| 55 1,4-Dioxane | 88 | 15.263 | 15.269 | -0.006 | 92 | 701441 | 40.0 | 43.9 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 94 | 1356539 | 40.0 | 40.8 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 2136588 | 40.0 | 42.7 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 90 | 2035937 | 40.0 | 47.5 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 95 | 2315242 | 40.0 | 47.6 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 2381576 | 40.0 | 45.0 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 9230098 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 94 | 2549942 | 40.0 | 46.2 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 10043851 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 96 | 1608407 | 40.0 | 47.3 | |
| 67 1,1,2-Trichloroethane | 83 | 17.949 | 17.944 | 0.005 | 95 | 1128948 | 40.0 | 42.1 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 1982314 | 40.0 | 41.9 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 96 | 2226346 | 40.0 | 49.9 | |
| 70 Chlorodibromomethane | 129 | 18.719 | 18.720 | -0.001 | 98 | 2310662 | 40.0 | 44.9 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 2062082 | 40.0 | 44.4 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 86 | 806344 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 95 | 3208012 | 40.0 | 41.0 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 120.0 | 134.5 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 5213582 | 40.0 | 44.2 | |
| 76 m-Xylene & p-Xylene | 106 | 20.405 | 20.399 | 0.006 | 0 | 4073727 | 80.0 | 88.3 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 89 | 2529452 | 40.0 | 43.9 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 1967323 | 40.0 | 46.1 | |
| 79 Styrene | 104 | 21.143 | 21.138 | 0.005 | 98 | 3327101 | 40.0 | 47.5 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 2373048 | 40.0 | 47.4 | |
| 82 Isopropylbenzene | 105 | 21.731 | 21.726 | 0.005 | 98 | 5891603 | 40.0 | 46.5 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 98 | 3015002 | 40.0 | 41.8 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 99 | 2295210 | 40.0 | 42.4 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 100 | 7083775 | 40.0 | 44.2 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 97 | 4864048 | 40.0 | 43.3 | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 98 | 5843193 | 40.0 | 44.7 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.652 | -0.001 | 93 | 4730203 | 40.0 | 42.6 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 92 | 3207694 | 40.0 | 41.7 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.967 | 22.962 | 0.005 | 90 | 2743333 | 40.0 | 49.3 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 96 | 4756877 | 40.0 | 43.9 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 4918412 | 40.0 | 45.1 | |
| 93 sec-Butylbenzene | 105 | 23.438 | 23.433 | 0.005 | 99 | 7241105 | 40.0 | 44.0 | |
| 94 1,3-Dichlorobenzene | 146 | 23.630 | 23.625 | 0.005 | 97 | 3469070 | 40.0 | 42.4 | |
| 95 4-Isopropyltoluene | 119 | 23.652 | 23.647 | 0.005 | 98 | 6213754 | 40.0 | 44.6 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 3537990 | 40.0 | 43.8 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 4722944 | 40.0 | 50.8 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 5843703 | 40.0 | 46.3 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 97 | 3348371 | 40.0 | 41.9 | |
| 100 Undecane | 57 | 24.385 | 24.380 | 0.005 | 94 | 3722143 | 40.0 | 41.4 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 3697027 | 40.0 | 45.7 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.027 | 27.028 | -0.001 | 94 | 3074450 | 46.9 | 63.5 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 2823085 | 45.0 | 46.2 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | 0.000 | 99 | 7083964 | 47.6 | 65.6 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.060 | 28.055 | 0.005 | 96 | 2840993 | 46.6 | 64.4 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL7w_00150 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

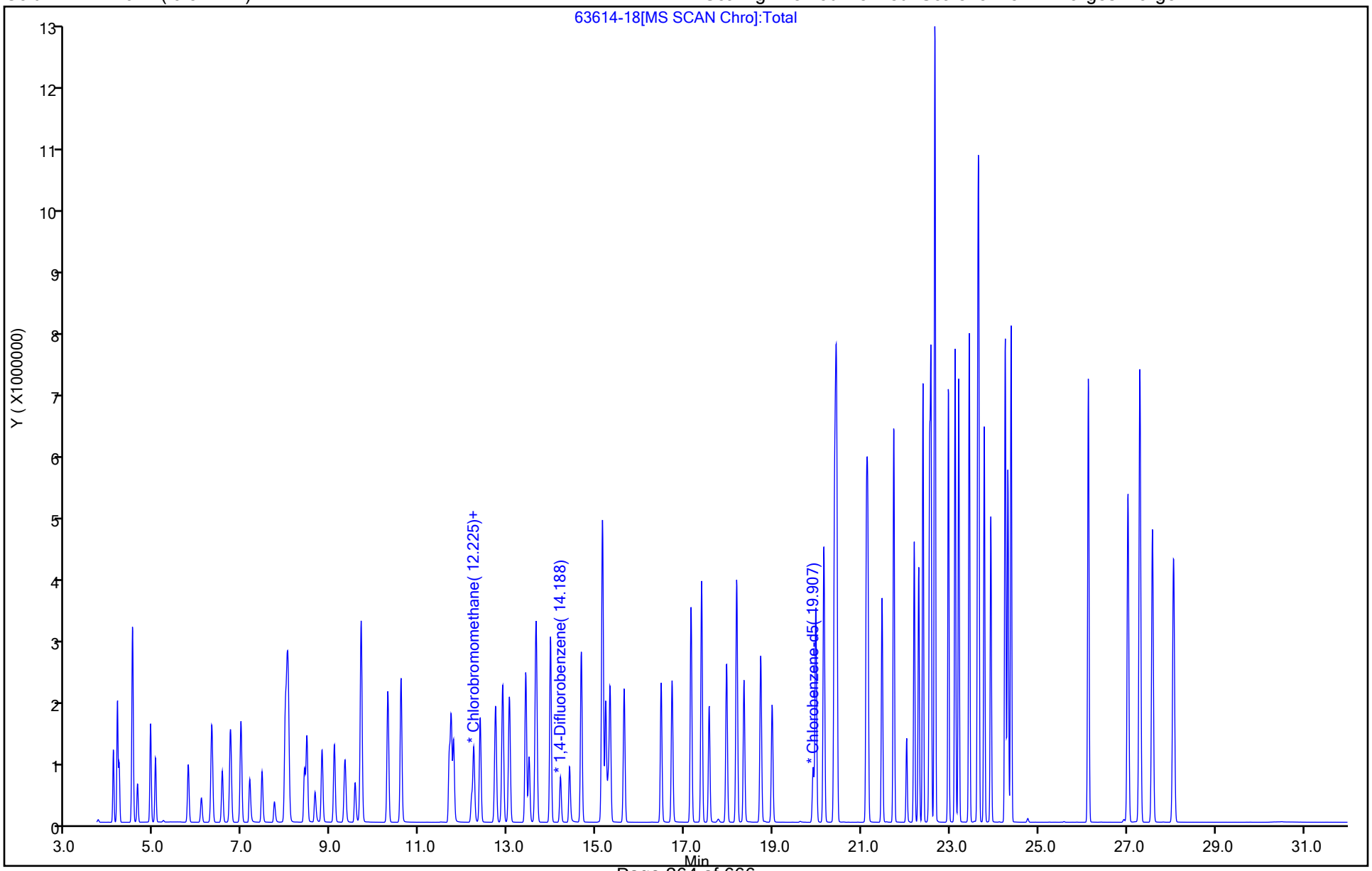
Report Date: 09-Jan-2025 06:40:59 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-18.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 06:16:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ic | | | Worklist Smp#: | 18 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 18 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-19.d
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Jan-2025 07:06:30 ALS Bottle#: 19 Worklist Smp#: 19
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-019
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:41:00 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: BKZ7 Date: 08-Jan-2025 08:11:50

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.083 | 4.072 | 0.011 | 98 | 4206 | 0.1704 | 0.2356 | |
| 2 Dichlorodifluoromethane | 85 | 4.168 | 4.163 | 0.005 | 99 | 10722 | 0.1704 | 0.2049 | |
| 3 Chlorodifluoromethane | 51 | 4.211 | 4.200 | 0.011 | 96 | 6715 | 0.1704 | 0.2089 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 92 | 11426 | 0.1704 | 0.1926 | |
| 5 Chloromethane | 50 | 4.623 | 4.618 | 0.005 | 99 | 4398 | 0.1704 | 0.2177 | |
| 6 Vinyl chloride | 62 | 4.917 | 4.912 | 0.005 | 78 | 3891 | 0.1704 | 0.1908 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 97 | 6994 | 0.1704 | 0.2521 | |
| 8 Butadiene | 54 | 5.030 | 5.024 | 0.006 | 88 | 3102 | 0.1704 | 0.1876 | |
| 9 Bromomethane | 94 | 5.763 | 5.768 | -0.005 | 95 | 4491 | 0.1704 | 0.2075 | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 97 | 2512 | 0.1704 | 0.1998 | |
| 12 2-Methylbutane | 43 | 6.292 | 6.298 | -0.006 | 96 | 5617 | 0.1704 | 0.2127 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.538 | -0.005 | 97 | 4018 | 0.1704 | 0.1969 | |
| 14 Trichlorofluoromethane | 101 | 6.726 | 6.720 | 0.006 | 98 | 9921 | 0.1704 | 0.1969 | |
| 15 Pentane | 43 | 6.961 | 6.956 | 0.005 | 94 | 7798 | 0.1704 | 0.2057 | |
| 16 Ethanol | 45 | 7.218 | 7.164 | 0.054 | 96 | 3101 | 0.3408 | 0.2931 | |
| 18 Ethyl ether | 59 | 7.469 | 7.442 | 0.027 | 90 | 2627 | 0.1704 | 0.1702 | |
| 19 Acrolein | 56 | 7.769 | 7.721 | 0.048 | 81 | 1290 | 0.1995 | 0.1542 | |
| 20 1,1-Dichloroethene | 96 | 7.956 | 7.961 | -0.005 | 97 | 4376 | 0.1704 | 0.1930 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.010 | 8.009 | 0.000 | 98 | 9438 | 0.1704 | 0.1977 | |
| 22 Acetone | 43 | 8.100 | 8.047 | 0.053 | 95 | 6221 | 0.1704 | 0.2055 | |
| 23 Isopropyl alcohol | 45 | 8.464 | 8.405 | 0.059 | 94 | 5435 | 0.1975 | 0.1715 | |
| 24 Carbon disulfide | 76 | 8.454 | 8.448 | 0.006 | 99 | 14376 | 0.1704 | 0.2142 | |
| 25 Acetonitrile | 41 | 8.705 | 8.641 | 0.064 | 88 | 2372 | 0.1704 | 0.1347 | |
| 26 3-Chloro-1-propene | 41 | 8.801 | 8.796 | 0.005 | 95 | 6100 | 0.1704 | 0.2114 | M |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 89 | 6364 | 0.1704 | 0.2460 | |
| 28 2-Methyl-2-propanol | 59 | 9.363 | 9.320 | 0.043 | 95 | 6773 | 0.1704 | 0.1650 | |
| 29 Acrylonitrile | 53 | 9.604 | 9.550 | 0.054 | 92 | 1559 | 0.1704 | 0.0963 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.684 | 9.679 | 0.005 | 98 | 6102 | 0.1704 | 0.1888 | |
| 31 Methyl tert-butyl ether | 73 | 9.705 | 9.679 | 0.026 | 97 | 9708 | 0.1704 | 0.1650 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 0.3407 | 0.3693 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 91 | 5819 | 0.1704 | 0.1660 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 8233 | 0.1704 | 0.1918 | |
| 34 Vinyl acetate | 43 | 10.642 | 10.588 | 0.054 | 98 | 4155 | 0.1941 | 0.0898 | |
| 36 2-Butanone (MEK) | 72 | 11.738 | 11.679 | 0.059 | 97 | 1024 | 0.1704 | 0.0911 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.711 | 11.717 | -0.006 | 92 | 4541 | 0.1704 | 0.1805 | |
| 38 Ethyl acetate | 88 | | 11.776 | | | | ND | ND | |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 90 | 175795 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.268 | 12.230 | 0.038 | 92 | 4062 | 0.1704 | 0.1583 | |
| 41 Chloroform | 83 | 12.370 | 12.369 | 0.001 | 97 | 8832 | 0.1704 | 0.1920 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 97 | 8505 | 0.1704 | 0.1920 | |
| 43 Cyclohexane | 84 | 12.872 | 12.878 | -0.006 | 96 | 5213 | 0.1704 | 0.1653 | |
| 44 Carbon tetrachloride | 117 | 13.038 | 13.033 | 0.005 | 97 | 7742 | 0.1704 | 0.1735 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 14255 | 0.1704 | 0.1892 | |
| 46 1,2-Dichloroethane | 62 | 13.482 | 13.477 | 0.005 | 92 | 4902 | 0.1704 | 0.1826 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 97 | 17799 | 0.1704 | 0.1572 | |
| 48 n-Heptane | 43 | 13.958 | 13.964 | -0.006 | 85 | 5682 | 0.1704 | 0.1469 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 885625 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | | 14.402 | | | | ND | ND | MU |
| 51 Trichloroethene | 95 | 14.665 | 14.659 | 0.006 | 98 | 6100 | 0.1704 | 0.1898 | |
| 53 1,2-Dichloropropane | 63 | 15.141 | 15.141 | 0.000 | 78 | 4973 | 0.1704 | 0.1790 | |
| 54 Methyl methacrylate | 69 | 15.232 | 15.210 | 0.022 | 94 | 2518 | 0.1704 | 0.1003 | |
| 55 1,4-Dioxane | 88 | 15.307 | 15.269 | 0.037 | 51 | 2509 | 0.1704 | 0.1626 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 93 | 6623 | 0.1704 | 0.2066 | |
| 58 Dichlorobromomethane | 83 | 15.622 | 15.627 | -0.005 | 95 | 8690 | 0.1704 | 0.1801 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.473 | 16.467 | 0.006 | 91 | 6666 | 0.1704 | 0.1612 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.735 | 16.713 | 0.022 | 95 | 5543 | 0.1704 | 0.1182 | |
| 62 Toluene | 92 | 17.147 | 17.141 | 0.006 | 93 | 8040 | 0.1704 | 0.1608 | |
| A 63 Toluene Range | 1 | 17.147 | (17.072-17.243) | | 0 | 28480 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 82 | 6896 | 0.1704 | 0.1296 | |
| A 65 C8 Range | 1 | 17.377 | (17.302-17.484) | | 0 | 29672 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.559 | 17.553 | 0.006 | 89 | 4828 | 0.1704 | 0.1470 | |
| 67 1,1,2-Trichloroethane | 83 | 17.949 | 17.944 | 0.005 | 95 | 4763 | 0.1704 | 0.1878 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 80 | 8459 | 0.1704 | 0.1889 | |
| 69 2-Hexanone | 43 | 18.377 | 18.340 | 0.037 | 93 | 4603 | 0.1704 | 0.1091 | M |
| 70 Chlorodibromomethane | 129 | 18.720 | 18.720 | 0.000 | 96 | 7847 | 0.1704 | 0.1614 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 99 | 7628 | 0.1704 | 0.1736 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 762380 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.961 | 19.966 | -0.005 | 95 | 14464 | 0.1704 | 0.1957 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 0.5111 | 0.4528 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 18543 | 0.1704 | 0.1663 | |
| 76 m-Xylene & p-Xylene | 106 | 20.410 | 20.399 | 0.011 | 0 | 13350 | 0.3407 | 0.3061 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 92 | 7823 | 0.1704 | 0.1437 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 98 | 5915 | 0.1704 | 0.1467 | |
| 79 Styrene | 104 | 21.143 | 21.138 | 0.005 | 97 | 8438 | 0.1704 | 0.1274 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 97 | 6493 | 0.1704 | 0.1371 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 16644 | 0.1704 | 0.1391 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.192 | 22.192 | 0.000 | 98 | 12950 | 0.1704 | 0.1897 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 97 | 10090 | 0.1704 | 0.1970 | |
| 85 N-Propylbenzene | 91 | 22.390 | 22.389 | 0.001 | 99 | 23957 | 0.1704 | 0.1580 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 97 | 18132 | 0.1704 | 0.1708 | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 97 | 18151 | 0.1704 | 0.1469 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.657 | 22.652 | 0.005 | 94 | 17111 | 0.1704 | 0.1629 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 92 | 10528 | 0.1704 | 0.1447 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.967 | 22.962 | 0.005 | 90 | 7096 | 0.1704 | 0.1349 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 96 | 16169 | 0.1704 | 0.1580 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 15231 | 0.1704 | 0.1478 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.433 | 0.000 | 98 | 24222 | 0.1704 | 0.1558 | |
| 94 1,3-Dichlorobenzene | 146 | 23.631 | 23.625 | 0.006 | 96 | 14934 | 0.1704 | 0.1932 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.647 | 0.000 | 98 | 19856 | 0.1704 | 0.1507 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 95 | 14283 | 0.1704 | 0.1872 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 11910 | 0.1704 | 0.1354 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 17286 | 0.1704 | 0.1449 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 97 | 15688 | 0.1704 | 0.2075 | |
| 100 Undecane | 57 | 24.385 | 24.380 | 0.005 | 92 | 9084 | 0.1704 | 0.1068 | |
| 101 Dodecane | 57 | 26.134 | 26.129 | 0.005 | 93 | 5127 | 0.1704 | 0.0671 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.022 | 27.028 | -0.006 | 94 | 14482 | 0.1998 | 0.3162 | |
| 103 Hexachlorobutadiene | 225 | 27.290 | 27.295 | -0.005 | 97 | 15526 | 0.1915 | 0.2685 | |
| 104 Naphthalene | 128 | 27.584 | 27.579 | 0.005 | 99 | 25962 | 0.2026 | 0.2543 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.055 | 28.055 | 0.000 | 95 | 19150 | 0.1985 | 0.4589 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated
- U - Marked Undetected

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL1w_00273 | Amount Added: 170.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

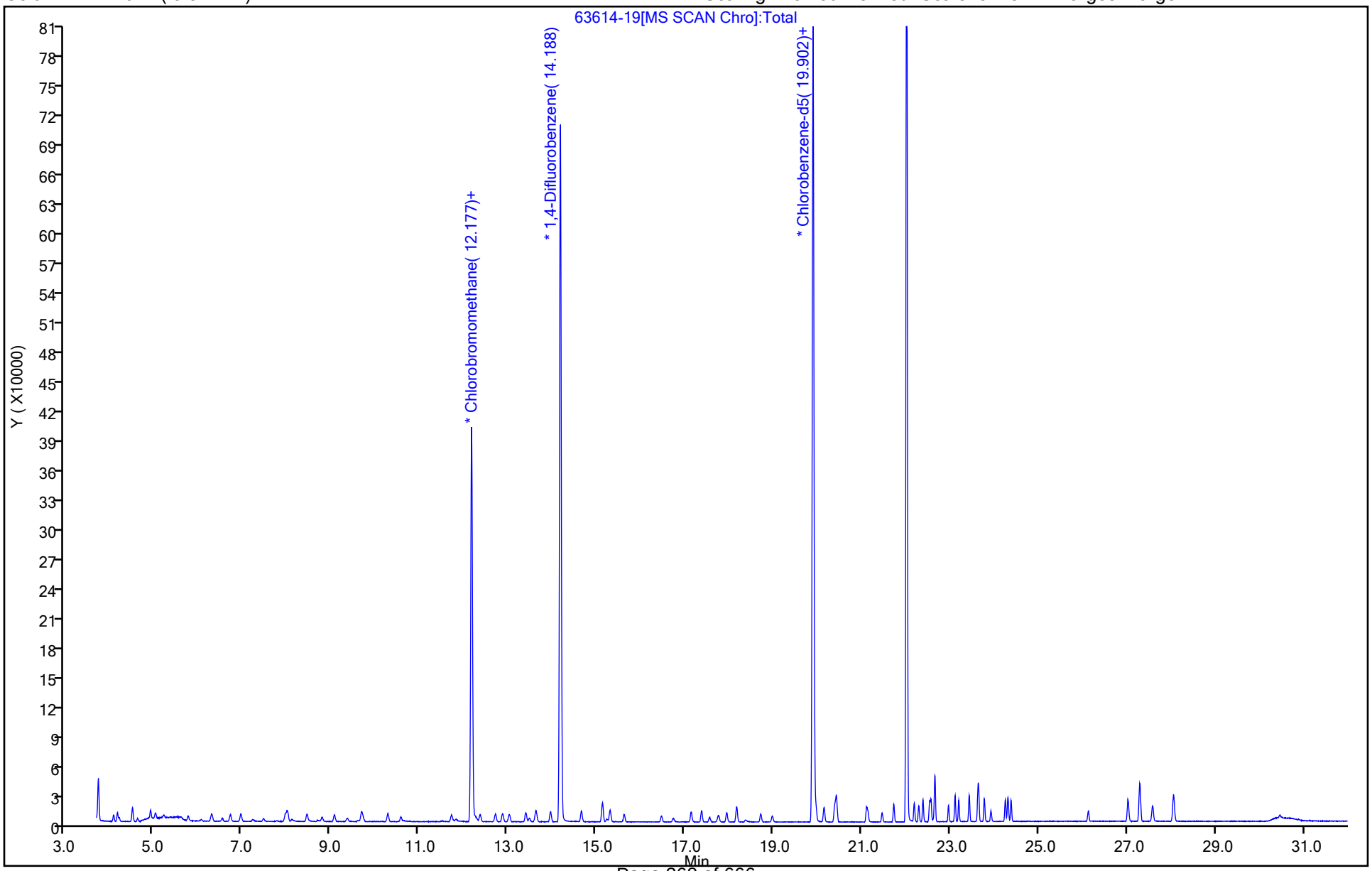
Report Date: 09-Jan-2025 06:41:00 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-19.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 07:06:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | IC | | | Worklist Smp#: | 19 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 19 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

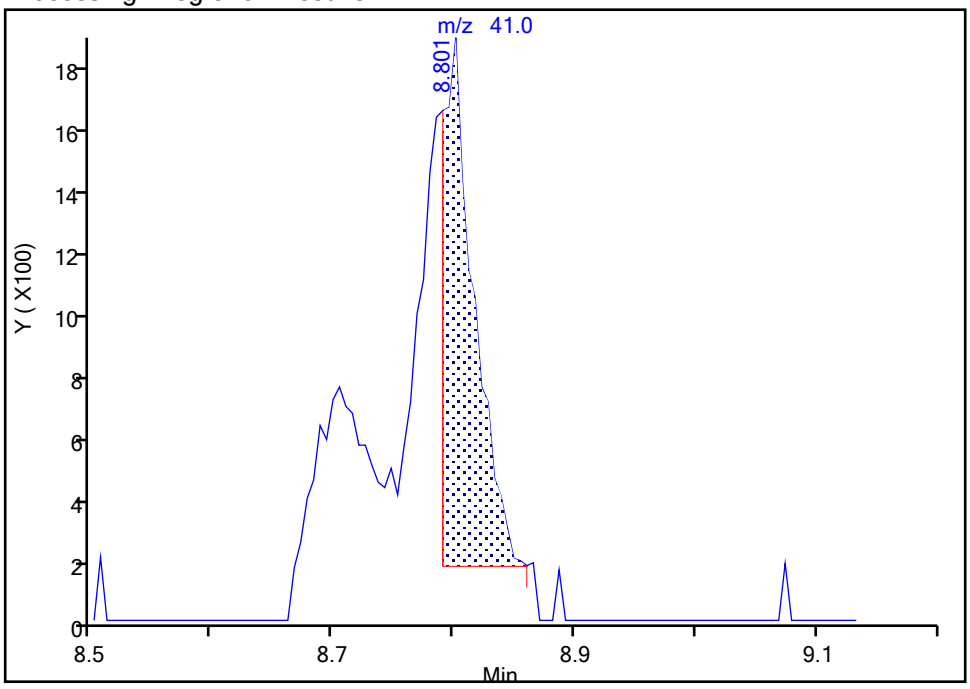
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-19.d | | | | |
| Injection Date: | 08-Jan-2025 07:06:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 26 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

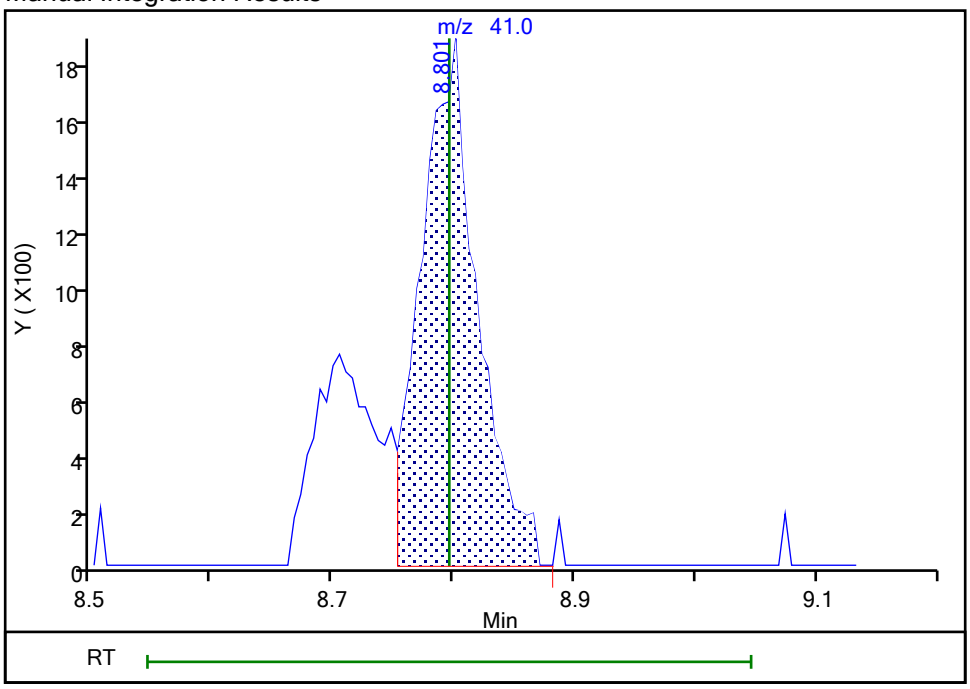
Processing Integration Results

RT: 8.80
Area: 3050
Amount: 0.114197
Amount Units: ppb v/v




Manual Integration Results

RT: 8.80
Area: 6100
Amount: 0.211389
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 09:37:07 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

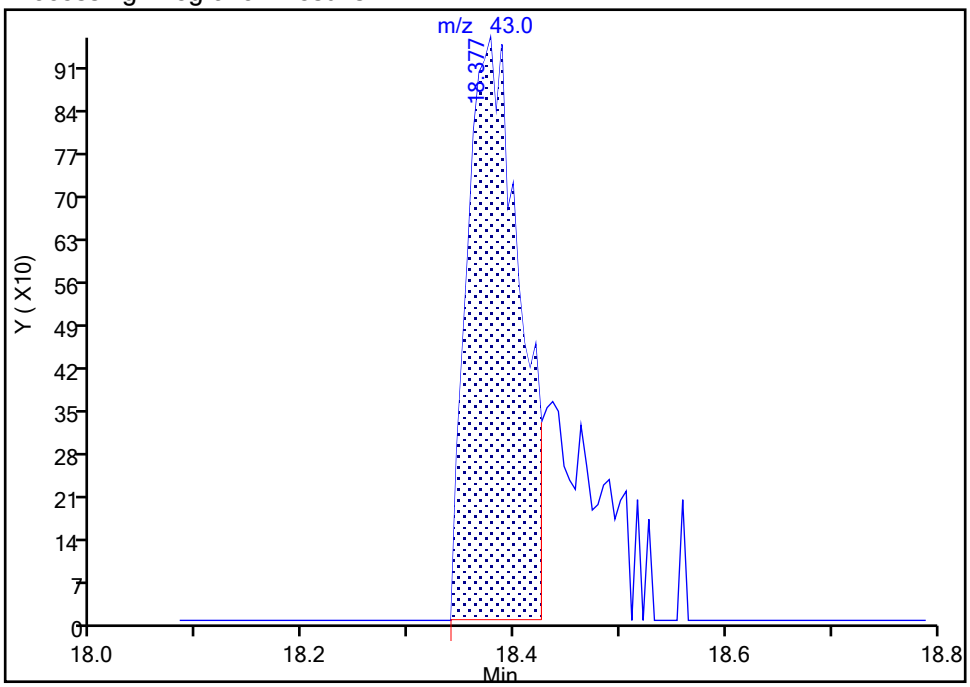
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-19.d | | | | |
| Injection Date: | 08-Jan-2025 07:06:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6

Signal: 1

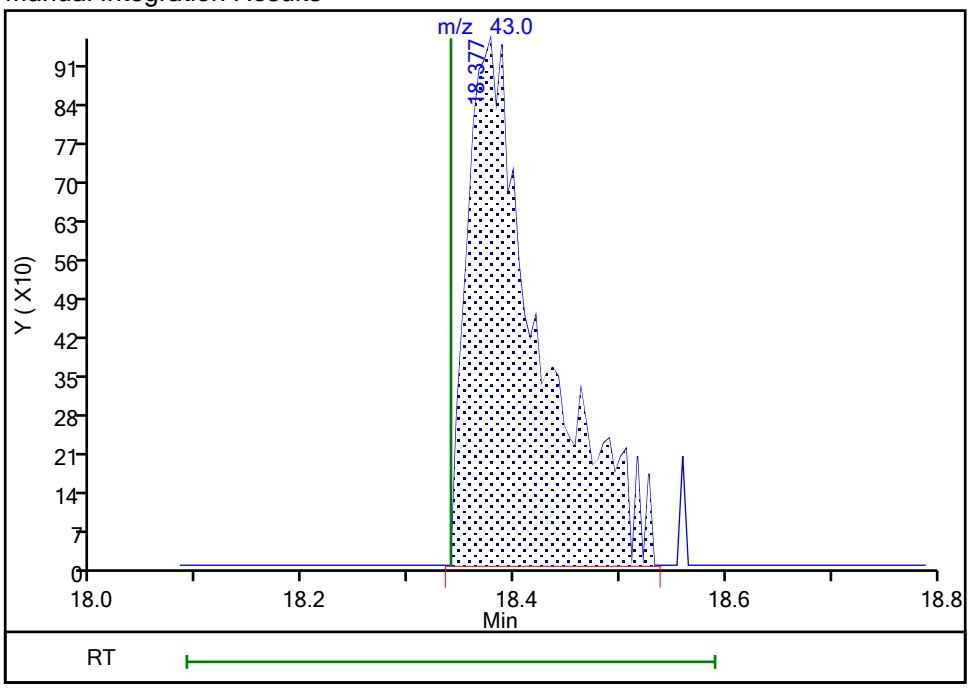
Processing Integration Results

RT: 18.38
Area: 3292
Amount: 0.077815
Amount Units: ppb v/v




Manual Integration Results

RT: 18.38
Area: 4603
Amount: 0.109130
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 09:36:12 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

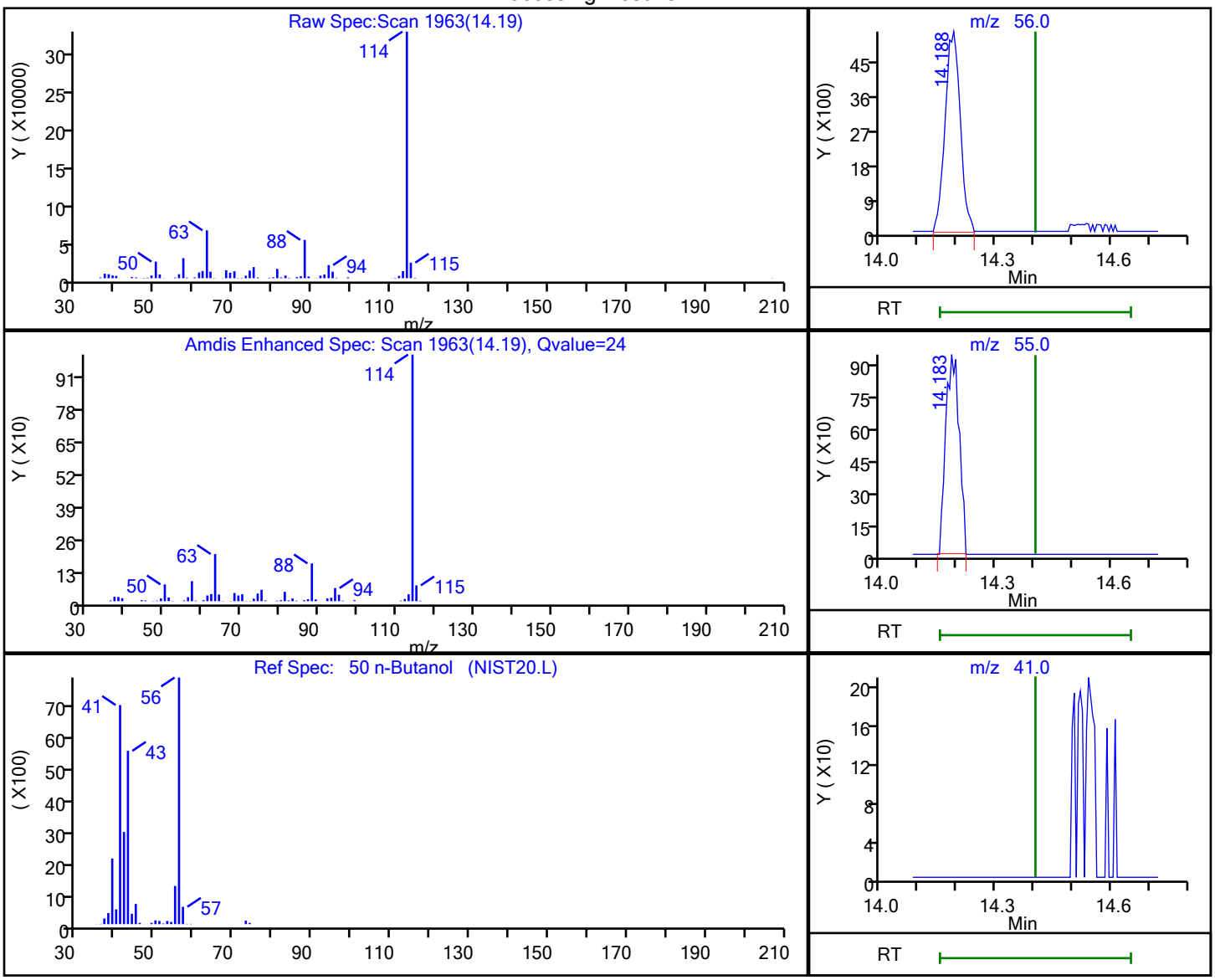
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-19.d | | | | |
| Injection Date: | 08-Jan-2025 07:06:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 19 | Worklist Smp#: | 19 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 50 n-Butanol, CAS: 71-36-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 14.19 | 56.00 | 14394 | 0.881942 |
| 14.18 | 55.00 | 2325 | |
| 14.40 | 41.00 | 0 | |

Reviewer: BKZ7, 08-Jan-2025 09:36:30 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Jan-2025 12:11:30 ALS Bottle#: 25 Worklist Smp#: 25
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-025
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:41:01 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 09-Jan-2025 08:12:05

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.077 | 4.072 | 0.005 | 96 | 7741 | 0.4244 | 0.4311 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 21679 | 0.4244 | 0.4117 | |
| 3 Chlorodifluoromethane | 51 | 4.206 | 4.200 | 0.006 | 97 | 13191 | 0.4244 | 0.4079 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 94 | 23952 | 0.4244 | 0.4013 | |
| 5 Chloromethane | 50 | 4.623 | 4.618 | 0.005 | 98 | 8539 | 0.4244 | 0.4202 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 82 | 7778 | 0.4244 | 0.3792 | |
| 7 Butane | 43 | 4.917 | 4.917 | 0.000 | 96 | 12424 | 0.4244 | 0.4451 | |
| 8 Butadiene | 54 | 5.019 | 5.024 | -0.005 | 91 | 5947 | 0.4244 | 0.3576 | |
| 9 Bromomethane | 94 | 5.768 | 5.768 | 0.000 | 98 | 8616 | 0.4244 | 0.3957 | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 97 | 5210 | 0.4244 | 0.4119 | |
| 12 2-Methylbutane | 43 | 6.292 | 6.298 | -0.006 | 90 | 10373 | 0.4244 | 0.3904 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.538 | -0.005 | 99 | 8273 | 0.4244 | 0.4031 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 98 | 20248 | 0.4244 | 0.3996 | |
| 15 Pentane | 43 | 6.961 | 6.956 | 0.005 | 91 | 14858 | 0.4244 | 0.3895 | M |
| 16 Ethanol | 45 | 7.207 | 7.164 | 0.043 | 98 | 8579 | 0.8493 | 0.8061 | |
| 18 Ethyl ether | 59 | 7.464 | 7.442 | 0.022 | 89 | 5579 | 0.4244 | 0.3594 | |
| 19 Acrolein | 56 | 7.758 | 7.721 | 0.037 | 89 | 3014 | 0.4969 | 0.3581 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 97 | 8849 | 0.4244 | 0.3880 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 98 | 19055 | 0.4244 | 0.3969 | |
| 22 Acetone | 43 | 8.090 | 8.047 | 0.043 | 95 | 11631 | 0.4244 | 0.3819 | |
| 23 Isopropyl alcohol | 45 | 8.459 | 8.405 | 0.054 | 40 | 11037 | 0.4918 | 0.3462 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 27200 | 0.4244 | 0.4030 | |
| 25 Acetonitrile | 41 | 8.683 | 8.641 | 0.042 | 93 | 5484 | 0.4244 | 0.3096 | |
| 26 3-Chloro-1-propene | 41 | 8.796 | 8.796 | 0.000 | 94 | 11640 | 0.4244 | 0.4010 | |
| 27 Methylene Chloride | 49 | 9.074 | 9.074 | 0.000 | 90 | 11587 | 0.4244 | 0.4453 | |
| 28 2-Methyl-2-propanol | 59 | 9.352 | 9.320 | 0.032 | 96 | 14343 | 0.4244 | 0.3473 | |
| 29 Acrylonitrile | 53 | 9.593 | 9.550 | 0.043 | 93 | 5882 | 0.4244 | 0.3613 | M |
| 30 trans-1,2-Dichloroethene | 61 | 9.684 | 9.679 | 0.005 | 96 | 12045 | 0.4244 | 0.3704 | |
| 31 Methyl tert-butyl ether | 73 | 9.705 | 9.679 | 0.026 | 98 | 21413 | 0.4244 | 0.3618 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 0.8487 | 0.7452 | |
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 92 | 12161 | 0.4244 | 0.3448 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 99 | 16285 | 0.4244 | 0.3771 | |
| 34 Vinyl acetate | 43 | 10.625 | 10.588 | 0.037 | 99 | 11804 | 0.4834 | 0.2536 | |
| 36 2-Butanone (MEK) | 72 | 11.722 | 11.679 | 0.043 | 73 | 3064 | 0.4244 | 0.2710 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 91 | 9484 | 0.4244 | 0.3748 | |
| 38 Ethyl acetate | 88 | 11.818 | 11.776 | 0.042 | 93 | 213 | 0.4244 | 0.0937 | M |
| * 39 Chlorobromomethane | 128 | 12.177 | 12.177 | 0.000 | 90 | 176842 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.262 | 12.230 | 0.032 | 90 | 7851 | 0.4244 | 0.3014 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 96 | 18128 | 0.4244 | 0.3918 | |
| 42 1,1,1-Trichloroethane | 97 | 12.722 | 12.717 | 0.005 | 99 | 17458 | 0.4244 | 0.3883 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 96 | 11092 | 0.4244 | 0.3465 | |
| 44 Carbon tetrachloride | 117 | 13.027 | 13.033 | -0.006 | 97 | 16849 | 0.4244 | 0.3719 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 29085 | 0.4244 | 0.3803 | |
| 46 1,2-Dichloroethane | 62 | 13.482 | 13.477 | 0.005 | 94 | 10215 | 0.4244 | 0.3750 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 98 | 38541 | 0.4244 | 0.3355 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 88 | 12671 | 0.4244 | 0.3227 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 898859 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.498 | 14.402 | 0.096 | 1 | 963 | 0.4244 | 0.0581 | |
| 51 Trichloroethene | 95 | 14.664 | 14.659 | 0.005 | 97 | 12149 | 0.4244 | 0.3724 | |
| 53 1,2-Dichloropropane | 63 | 15.135 | 15.141 | -0.006 | 79 | 10628 | 0.4244 | 0.3769 | |
| 54 Methyl methacrylate | 69 | 15.231 | 15.210 | 0.021 | 96 | 6479 | 0.4244 | 0.2542 | |
| 55 1,4-Dioxane | 88 | 15.306 | 15.269 | 0.037 | 95 | 5350 | 0.4244 | 0.3416 | |
| 57 Dibromomethane | 174 | 15.317 | 15.312 | 0.005 | 96 | 12660 | 0.4244 | 0.3891 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 99 | 18121 | 0.4244 | 0.3701 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 91 | 13667 | 0.4244 | 0.3257 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.735 | 16.713 | 0.022 | 96 | 12825 | 0.4244 | 0.2694 | M |
| 62 Toluene | 92 | 17.147 | 17.141 | 0.006 | 93 | 17147 | 0.4244 | 0.3421 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 65641 | NC | NC | |
| 64 n-Octane | 43 | 17.382 | 17.377 | 0.005 | 87 | 15538 | 0.4244 | 0.2876 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 67824 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 97 | 10640 | 0.4244 | 0.3192 | |
| 67 1,1,2-Trichloroethane | 83 | 17.949 | 17.944 | 0.005 | 96 | 9516 | 0.4244 | 0.3743 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 98 | 16582 | 0.4244 | 0.3695 | |
| 69 2-Hexanone | 43 | 18.366 | 18.340 | 0.026 | 95 | 9978 | 0.4244 | 0.2360 | M |
| 70 Chlorodibromomethane | 129 | 18.719 | 18.720 | -0.001 | 86 | 17404 | 0.4244 | 0.3570 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 15723 | 0.4244 | 0.3570 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 85 | 764299 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 94 | 29281 | 0.4244 | 0.3952 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 1.27 | 0.99 | |
| 75 Ethylbenzene | 91 | 20.153 | 20.148 | 0.005 | 98 | 38597 | 0.4244 | 0.3454 | |
| 76 m-Xylene & p-Xylene | 106 | 20.405 | 20.399 | 0.006 | 0 | 29061 | 0.8487 | 0.6648 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 89 | 17374 | 0.4244 | 0.3184 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 98 | 13194 | 0.4244 | 0.3264 | |
| 79 Styrene | 104 | 21.143 | 21.138 | 0.005 | 96 | 18808 | 0.4244 | 0.2832 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 98 | 16625 | 0.4244 | 0.3503 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 36446 | 0.4244 | 0.3037 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 99 | 24889 | 0.4244 | 0.3636 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 99 | 19260 | 0.4244 | 0.3752 | |
| 85 N-Propylbenzene | 91 | 22.384 | 22.389 | -0.005 | 99 | 48916 | 0.4244 | 0.3218 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 96 | 36706 | 0.4244 | 0.3449 | |
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 98 | 38592 | 0.4244 | 0.3116 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.657 | 22.652 | 0.005 | 93 | 36649 | 0.4244 | 0.3481 | Ma |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 94 | 23843 | 0.4244 | 0.3269 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 90 Alpha Methyl Styrene | 118 | 22.967 | 22.962 | 0.005 | 91 | 14072 | 0.4244 | 0.2668 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 96 | 34153 | 0.4244 | 0.3329 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 32812 | 0.4244 | 0.3177 | |
| 93 sec-Butylbenzene | 105 | 23.438 | 23.433 | 0.005 | 99 | 51085 | 0.4244 | 0.3278 | |
| 94 1,3-Dichlorobenzene | 146 | 23.630 | 23.625 | 0.005 | 97 | 25838 | 0.4244 | 0.3334 | |
| 95 4-Isopropyltoluene | 119 | 23.646 | 23.647 | -0.001 | 97 | 40561 | 0.4244 | 0.3070 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 95 | 25043 | 0.4244 | 0.3274 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 21508 | 0.4244 | 0.2439 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 32935 | 0.4244 | 0.2754 | |
| 99 1,2-Dichlorobenzene | 146 | 24.315 | 24.310 | 0.005 | 97 | 25758 | 0.4244 | 0.3399 | |
| 100 Undecane | 57 | 24.385 | 24.380 | 0.005 | 92 | 19692 | 0.4244 | 0.2310 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 93 | 5464 | 0.4244 | 0.0713 | Ma |
| 102 1,2,4-Trichlorobenzene | 180 | 27.027 | 27.028 | -0.001 | 93 | 9531 | 0.4978 | 0.2076 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 22213 | 0.4770 | 0.3832 | |
| 104 Naphthalene | 128 | 27.589 | 27.579 | 0.010 | 98 | 15043 | 0.5046 | 0.1470 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.049 | 28.055 | -0.006 | 95 | 9241 | 0.4944 | 0.2209 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags
- NC - Not Calibrated
- ND - Not Detected or Marked ND

Review Flags
- M - Manually Integrated
- a - User Assigned ID

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL3w_00283 | Amount Added: 17.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

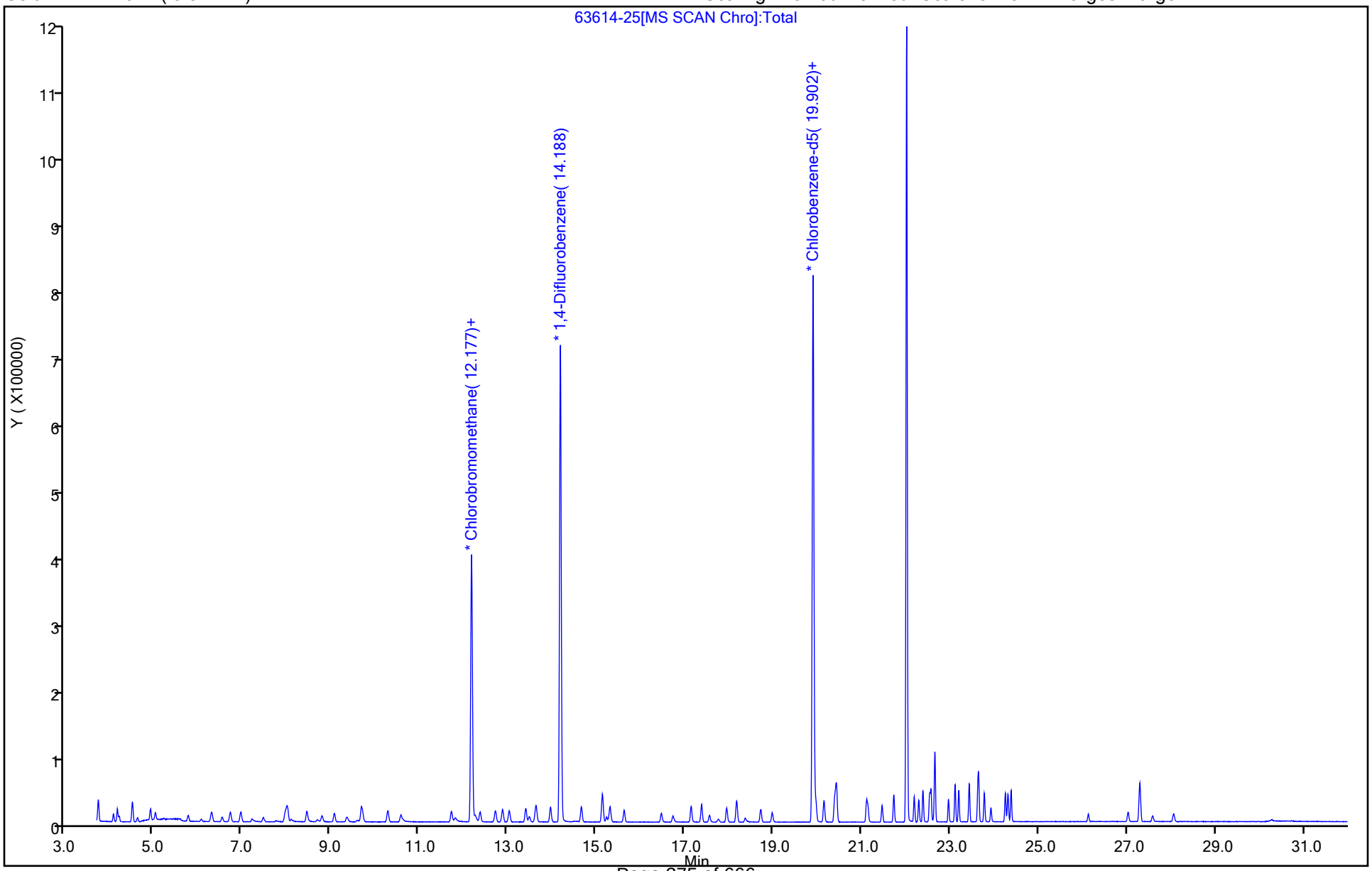
Report Date: 09-Jan-2025 06:41:01 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | IC | | | Worklist Smp#: | 25 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 25 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

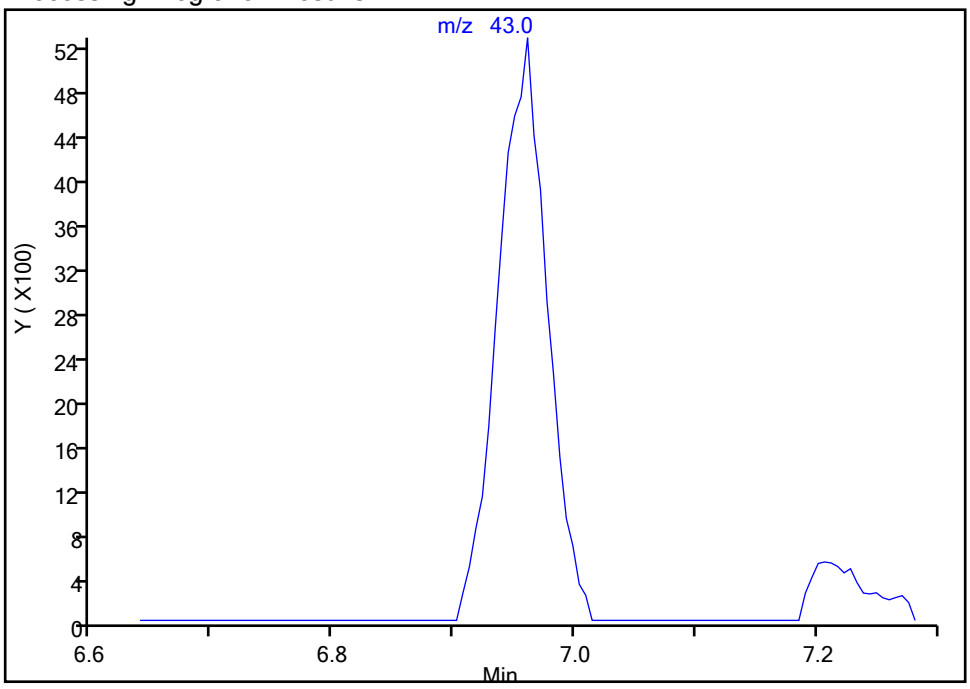
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 15 Pentane, CAS: 109-66-0

Signal: 1

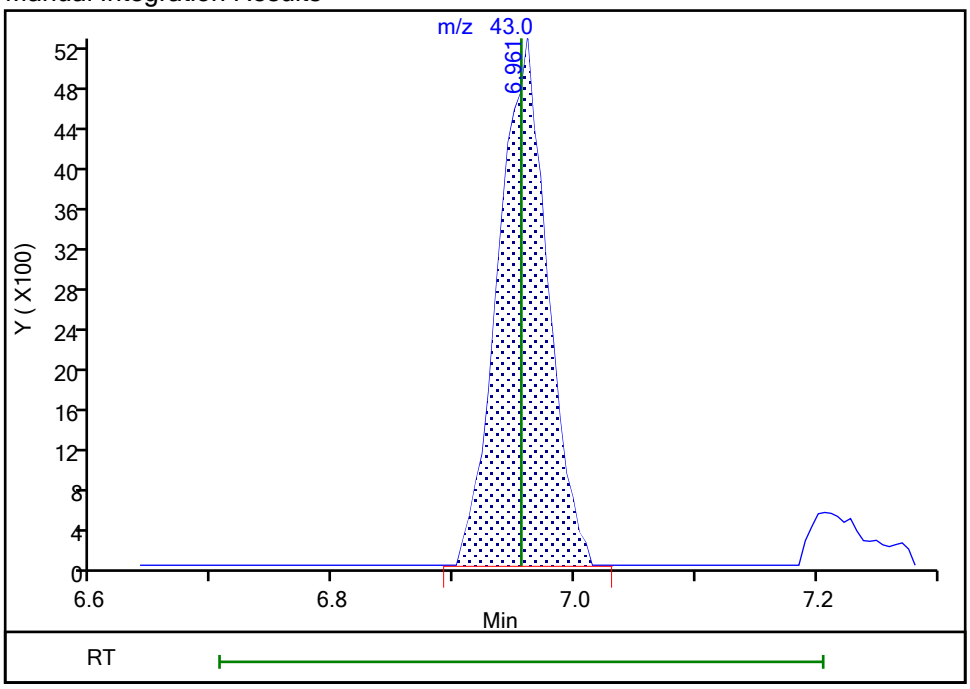
Not Detected
Expected RT: 6.96

Processing Integration Results




Manual Integration Results

RT: 6.96
Area: 14858
Amount: 0.389538
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:51:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

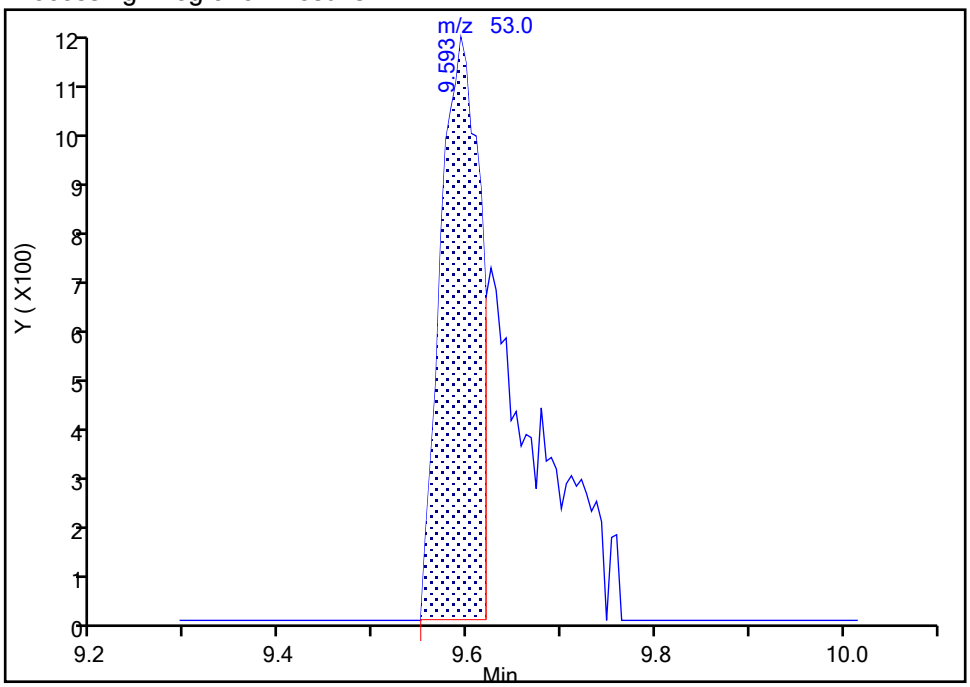
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 29 Acrylonitrile, CAS: 107-13-1

Signal: 1

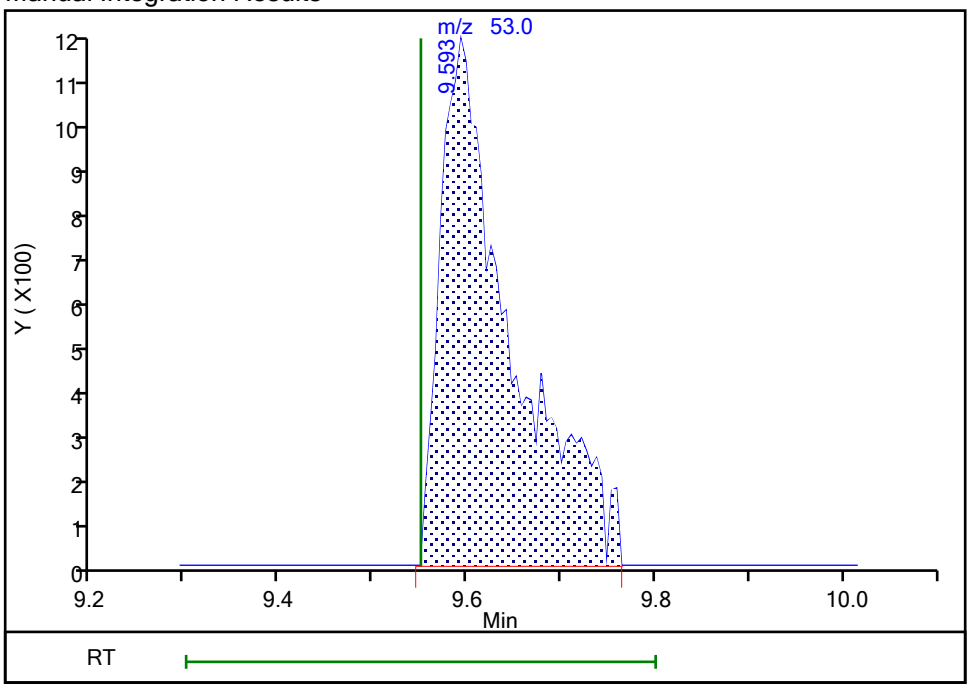
Processing Integration Results

RT: 9.59
Area: 3237
Amount: 0.205285
Amount Units: ppb v/v




Manual Integration Results

RT: 9.59
Area: 5882
Amount: 0.361289
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:51:43 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

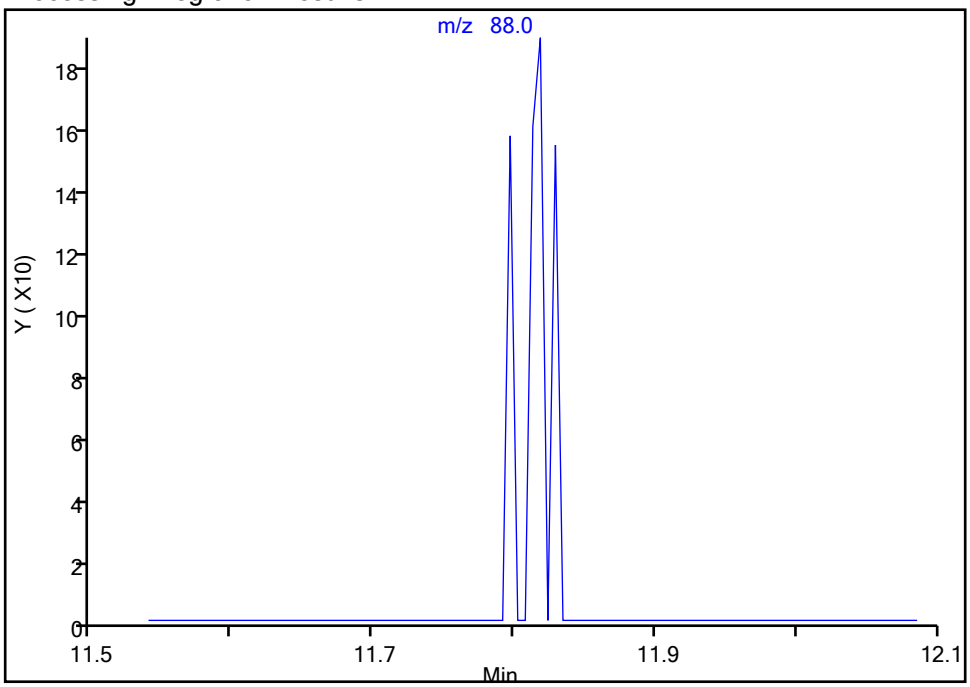
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 38 Ethyl acetate, CAS: 141-78-6

Signal: 1

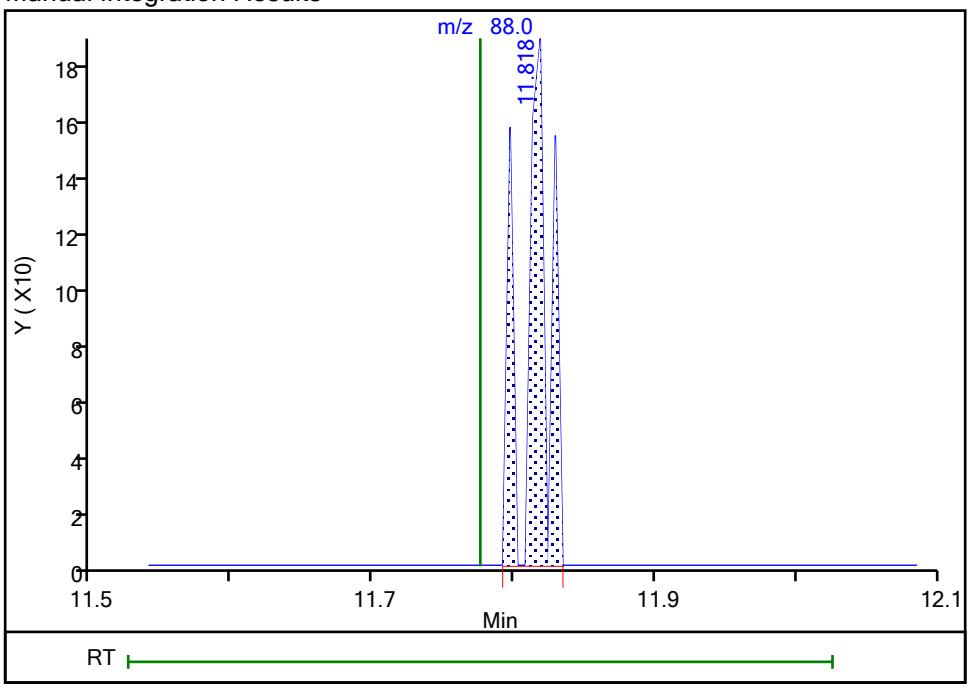
Not Detected
Expected RT: 11.78

Processing Integration Results




Manual Integration Results

RT: 11.82
Area: 213
Amount: 0.093660
Amount Units: ppb v/v




Reviewer: YWL8, 09-Jan-2025 08:11:38 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Eurofins Burlington

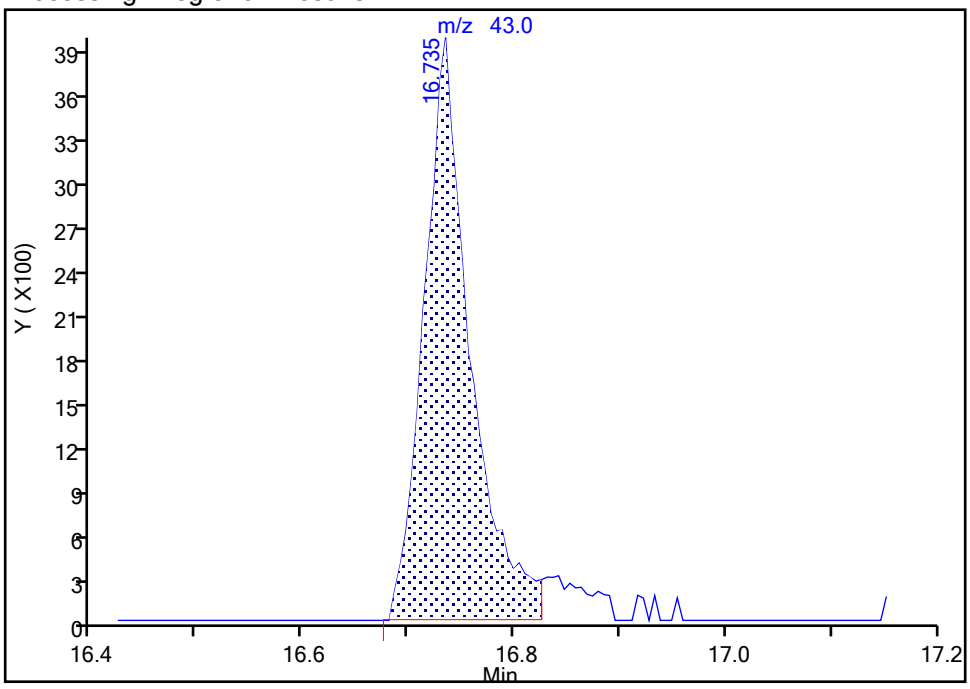
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 61 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Signal: 1

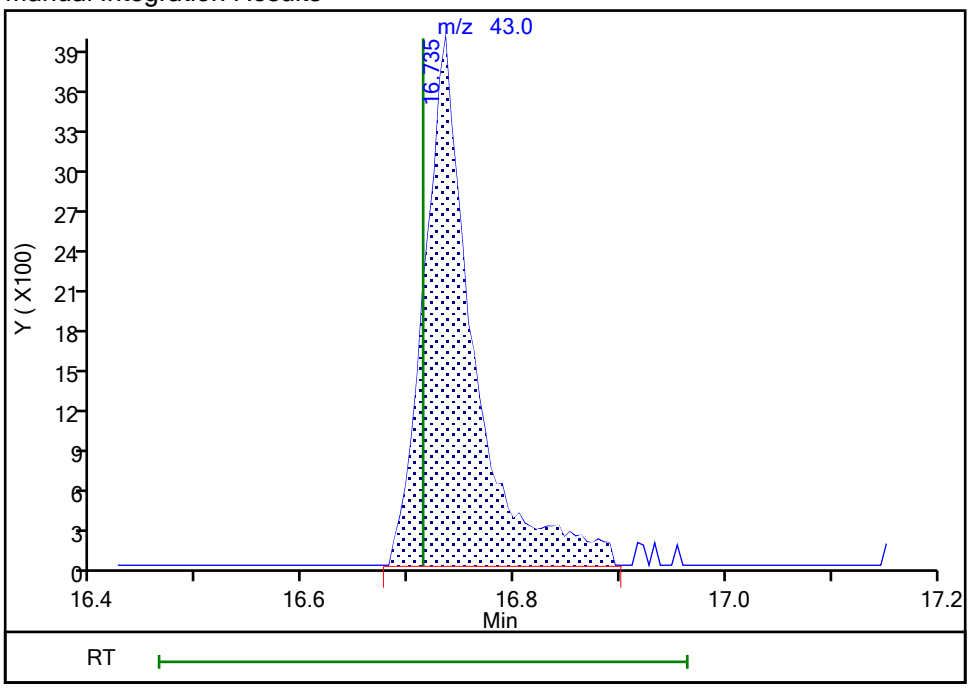
Processing Integration Results

RT: 16.73
Area: 11968
Amount: 0.252023
Amount Units: ppb v/v




Manual Integration Results

RT: 16.73
Area: 12825
Amount: 0.269442
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:51:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

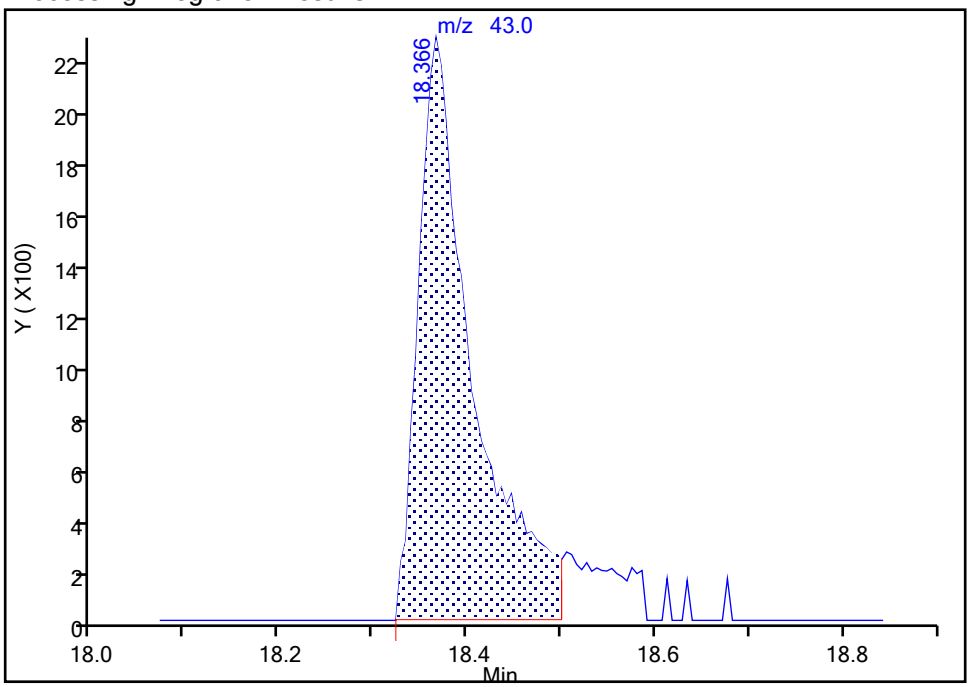
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 69 2-Hexanone, CAS: 591-78-6

Signal: 1

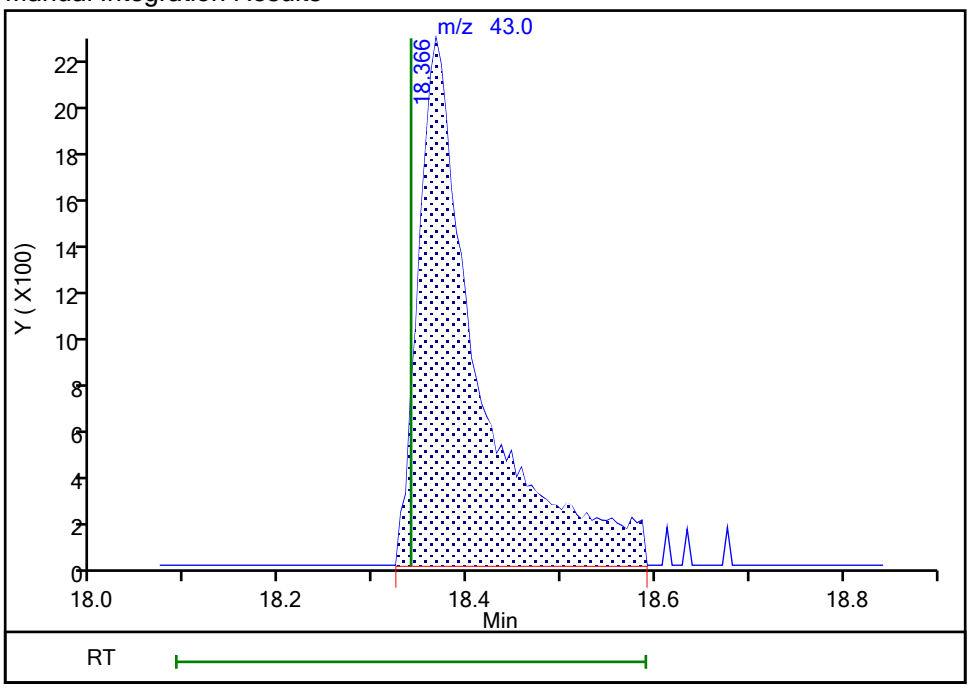
Processing Integration Results

RT: 18.37
Area: 8957
Amount: 0.211190
Amount Units: ppb v/v




Manual Integration Results

RT: 18.37
Area: 9978
Amount: 0.235969
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:51:04 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

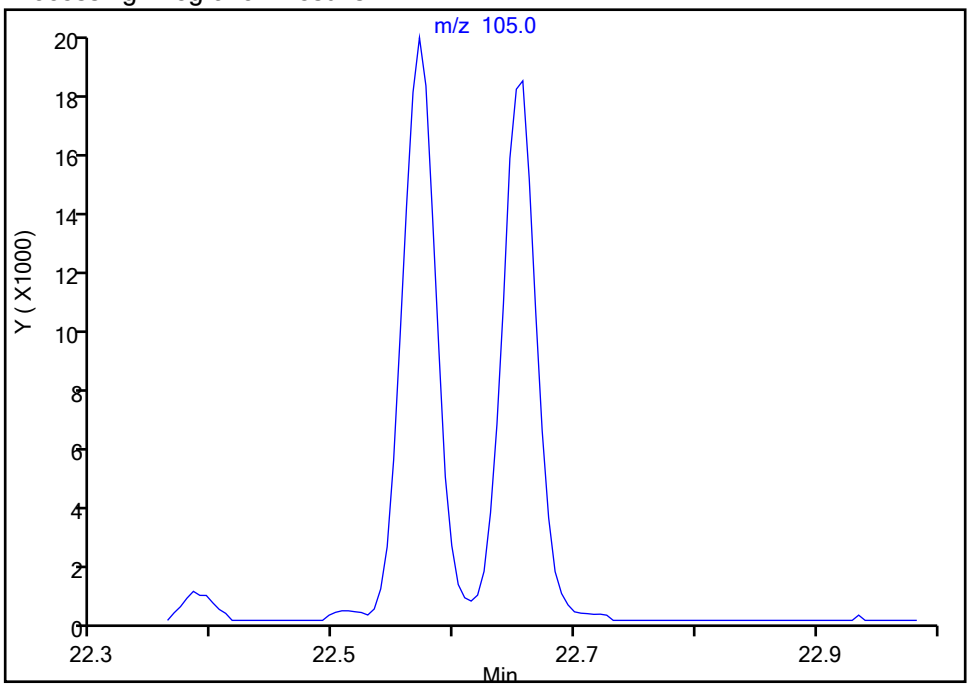
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 88 1,3,5-Trimethylbenzene, CAS: 108-67-8

Signal: 1

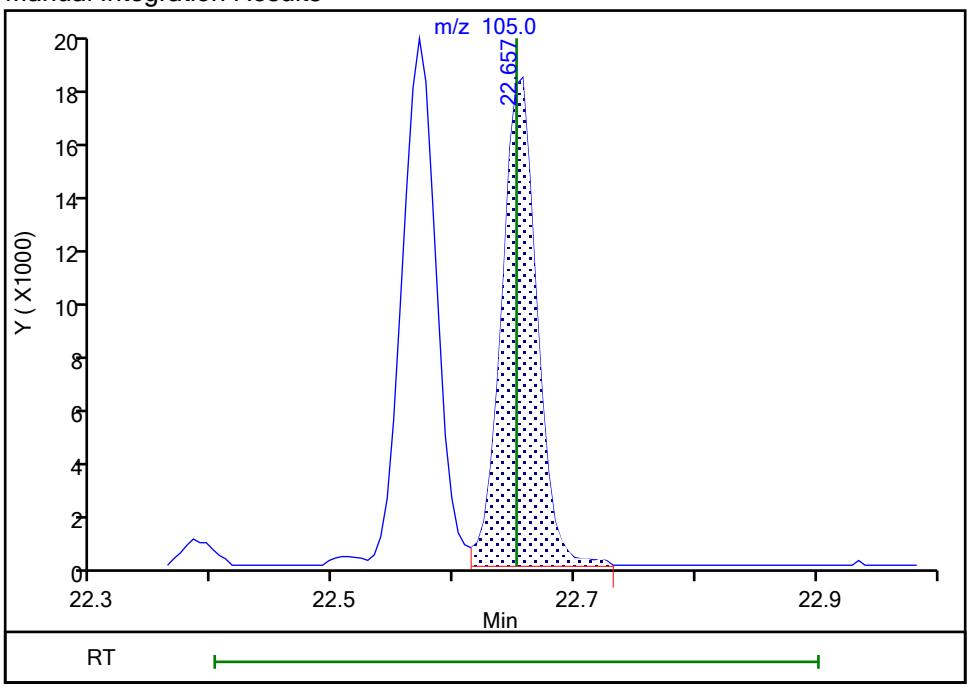
Not Detected
Expected RT: 22.65

Processing Integration Results




Manual Integration Results

RT: 22.66
Area: 36649
Amount: 0.348127
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:50:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Burlington

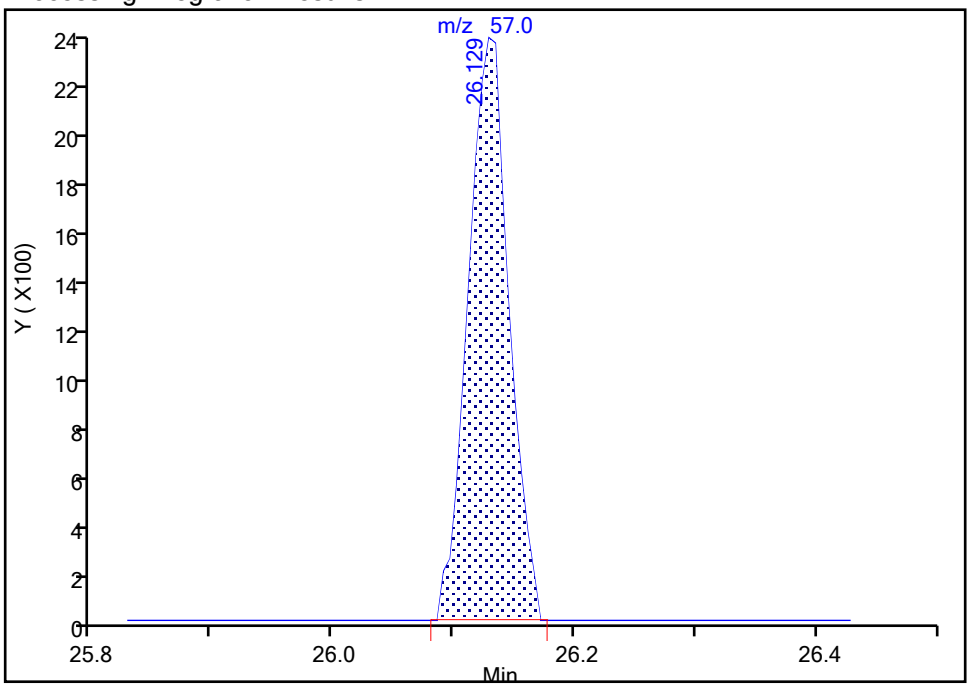
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D | | | | |
| Injection Date: | 08-Jan-2025 12:11:30 | Instrument ID: | CHW.i | | |
| Lims ID: | IC | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 25 | Worklist Smp#: | 25 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 101 Dodecane, CAS: 112-40-3

Signal: 1

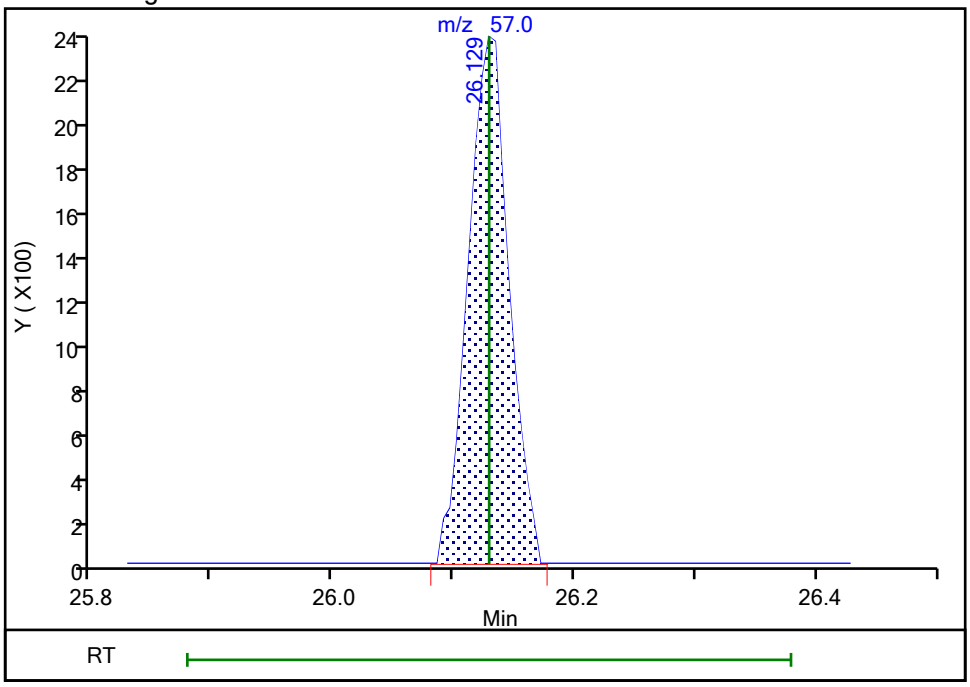
Processing Integration Results

RT: 26.13
Area: 5464
Amount: 0.071327
Amount Units: ppb v/v




Manual Integration Results

RT: 26.13
Area: 5464
Amount: 0.071327
Amount Units: ppb v/v




Reviewer: BKZ7, 08-Jan-2025 12:50:36 -05:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Baseline

## Calibration / Propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

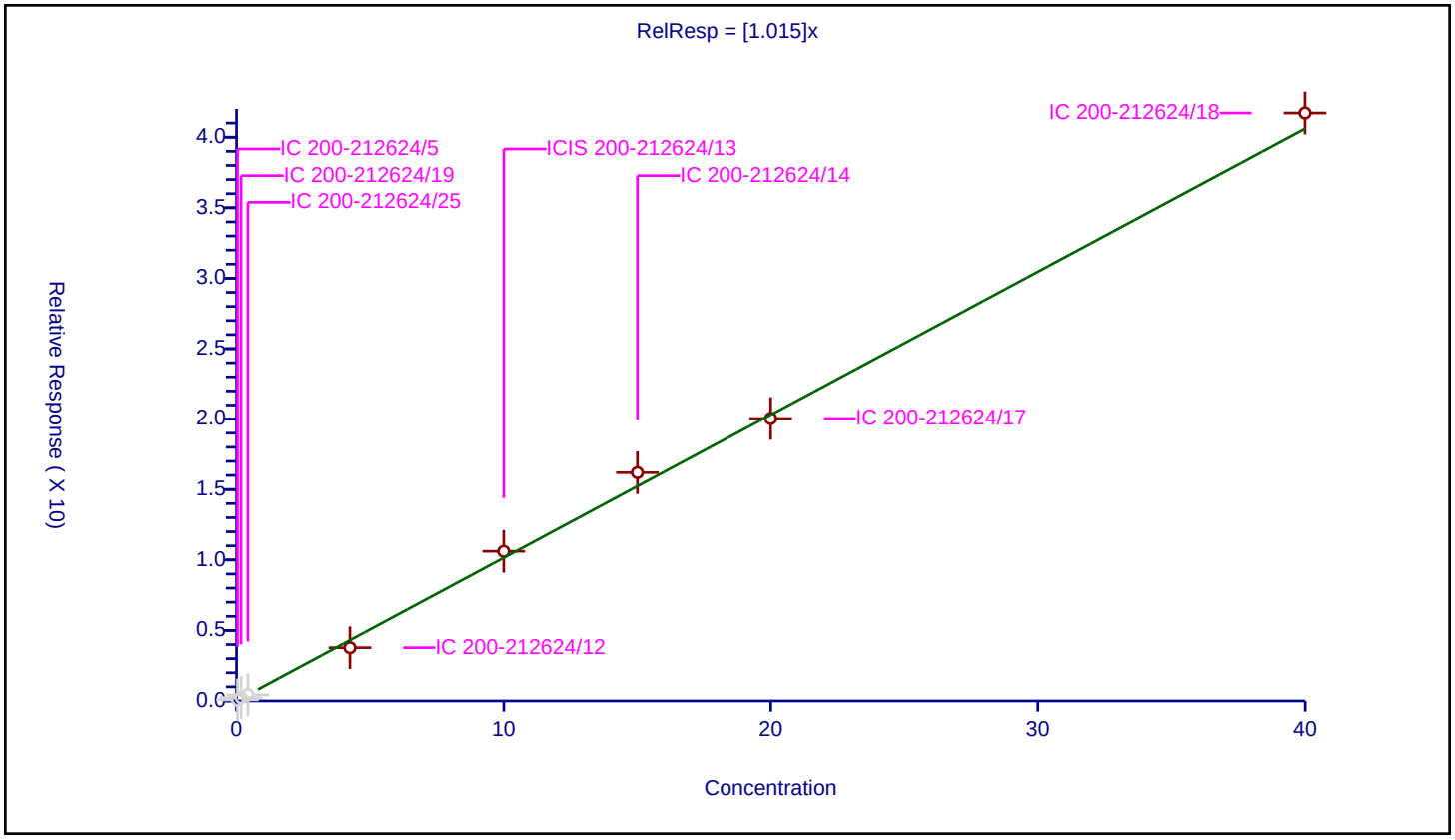
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.015 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.075662 | 10.0 | 162565.0 | 2.157031 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.239256 | 10.0 | 175795.0 | 1.404301 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.437735 | 10.0 | 176842.0 | 1.0315 | N |
| 4 | IC 200-212624/12 | 4.243678 | 3.77695 | 10.0 | 160619.0 | 0.890018 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.612623 | 10.0 | 166089.0 | 1.061468 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 16.199783 | 10.0 | 172327.0 | 1.07973 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 20.043792 | 10.0 | 178116.0 | 1.002384 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 41.713383 | 10.0 | 181022.0 | 1.043037 | Y |



## Calibration / Dichlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

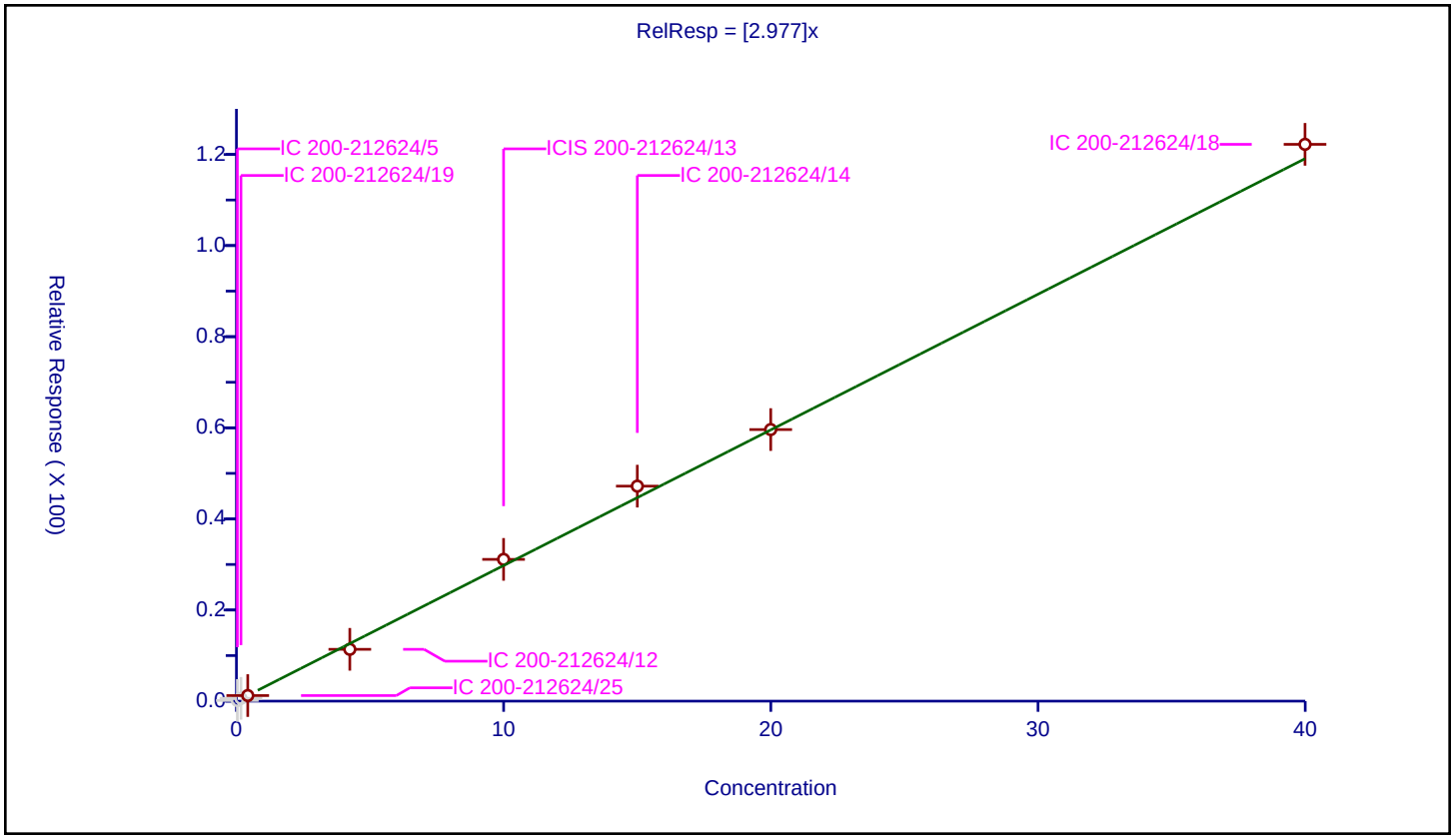
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.977 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.143696 | 10.0 | 162565.0 | 4.096605 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.609915 | 10.0 | 175795.0 | 3.579865 | N |
| 3 | IC 200-212624/25 | 0.424368 | 1.225897 | 10.0 | 176842.0 | 2.888759 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 11.372814 | 10.0 | 160619.0 | 2.679942 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 31.113981 | 10.0 | 166089.0 | 3.112002 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 47.196493 | 10.0 | 172327.0 | 3.145687 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 59.614072 | 10.0 | 178116.0 | 2.981282 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 122.220172 | 10.0 | 181022.0 | 3.056097 | Y |



## Calibration / Chlorodifluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

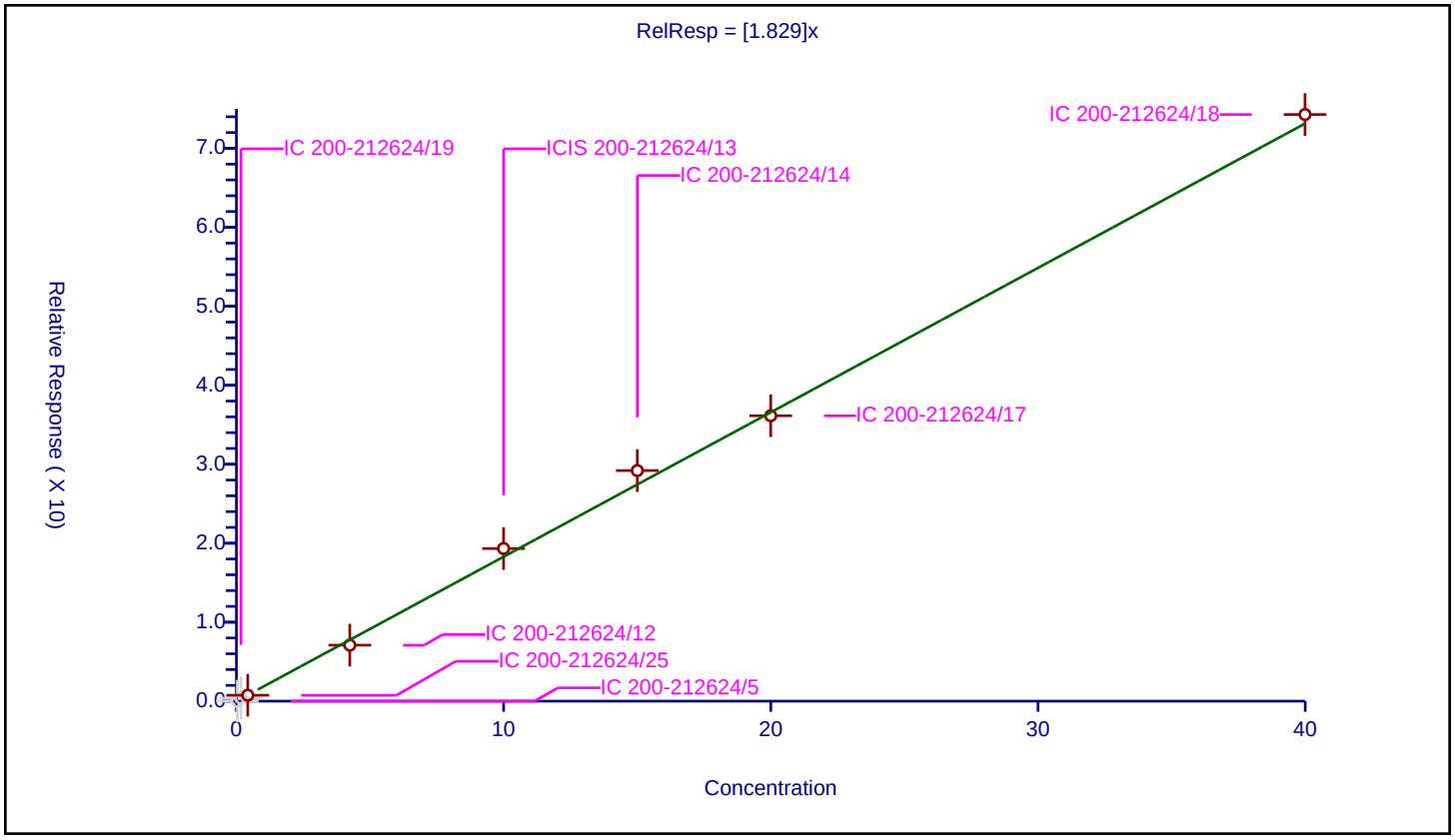
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.829 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.381979 | 10.0 | 175795.0 | 2.242007 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.74592 | 10.0 | 176842.0 | 1.757721 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 7.091814 | 10.0 | 160619.0 | 1.671148 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 19.325663 | 10.0 | 166089.0 | 1.932941 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 29.198849 | 10.0 | 172327.0 | 1.946128 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 36.140717 | 10.0 | 178116.0 | 1.807387 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 74.289368 | 10.0 | 181022.0 | 1.857595 | Y |



## Calibration / 1,2-Dichloro-1,1,2,2-tetrafluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

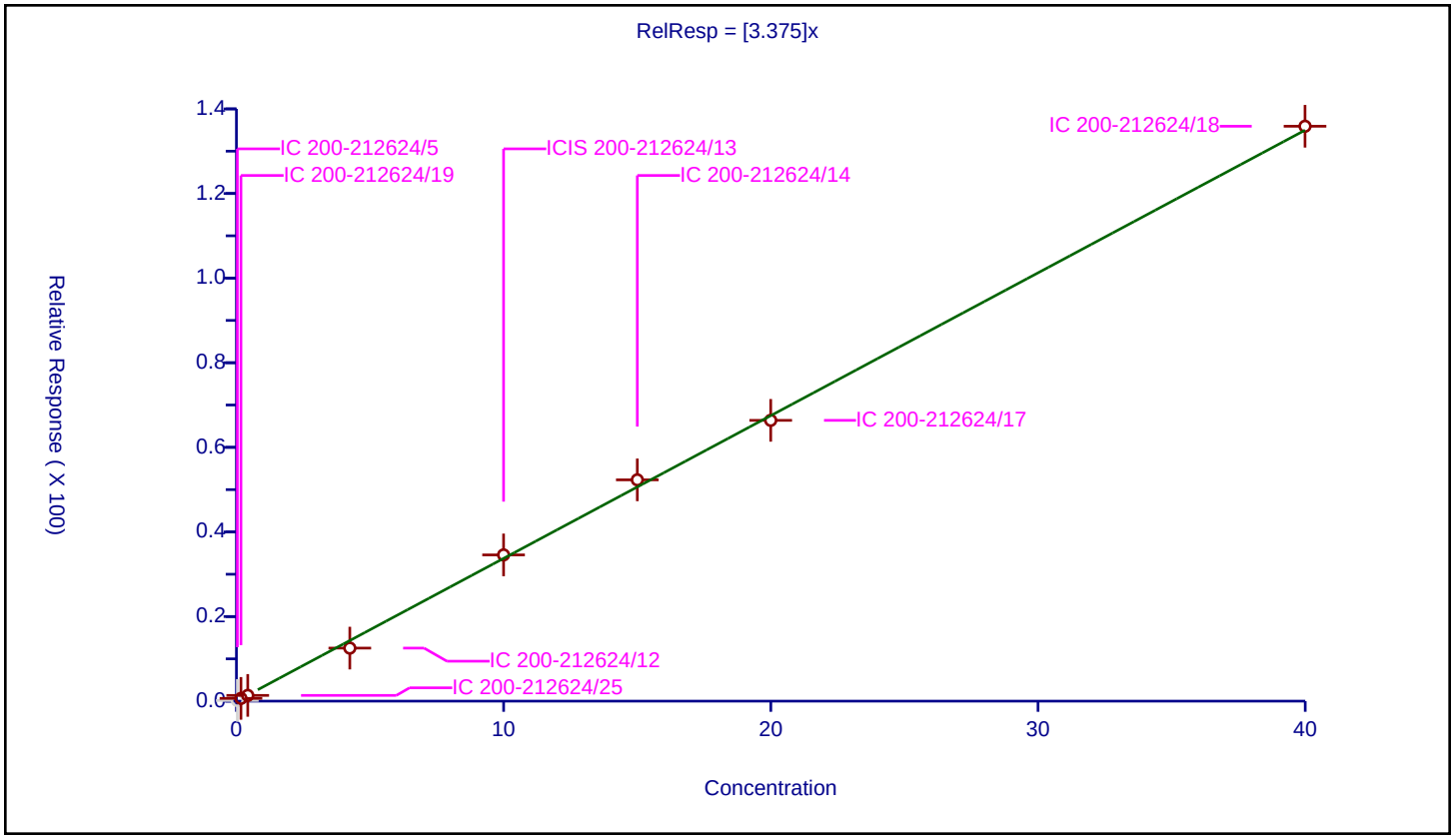
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.375 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 7.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.15563 | 10.0 | 162565.0 | 4.436819 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.649962 | 10.0 | 175795.0 | 3.814917 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 1.354429 | 10.0 | 176842.0 | 3.19164 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 12.540484 | 10.0 | 160619.0 | 2.955098 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 34.569117 | 10.0 | 166089.0 | 3.457582 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 52.312754 | 10.0 | 172327.0 | 3.48669 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 66.375677 | 10.0 | 178116.0 | 3.319428 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 135.896687 | 10.0 | 181022.0 | 3.398076 | Y |



## Calibration / Chloromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

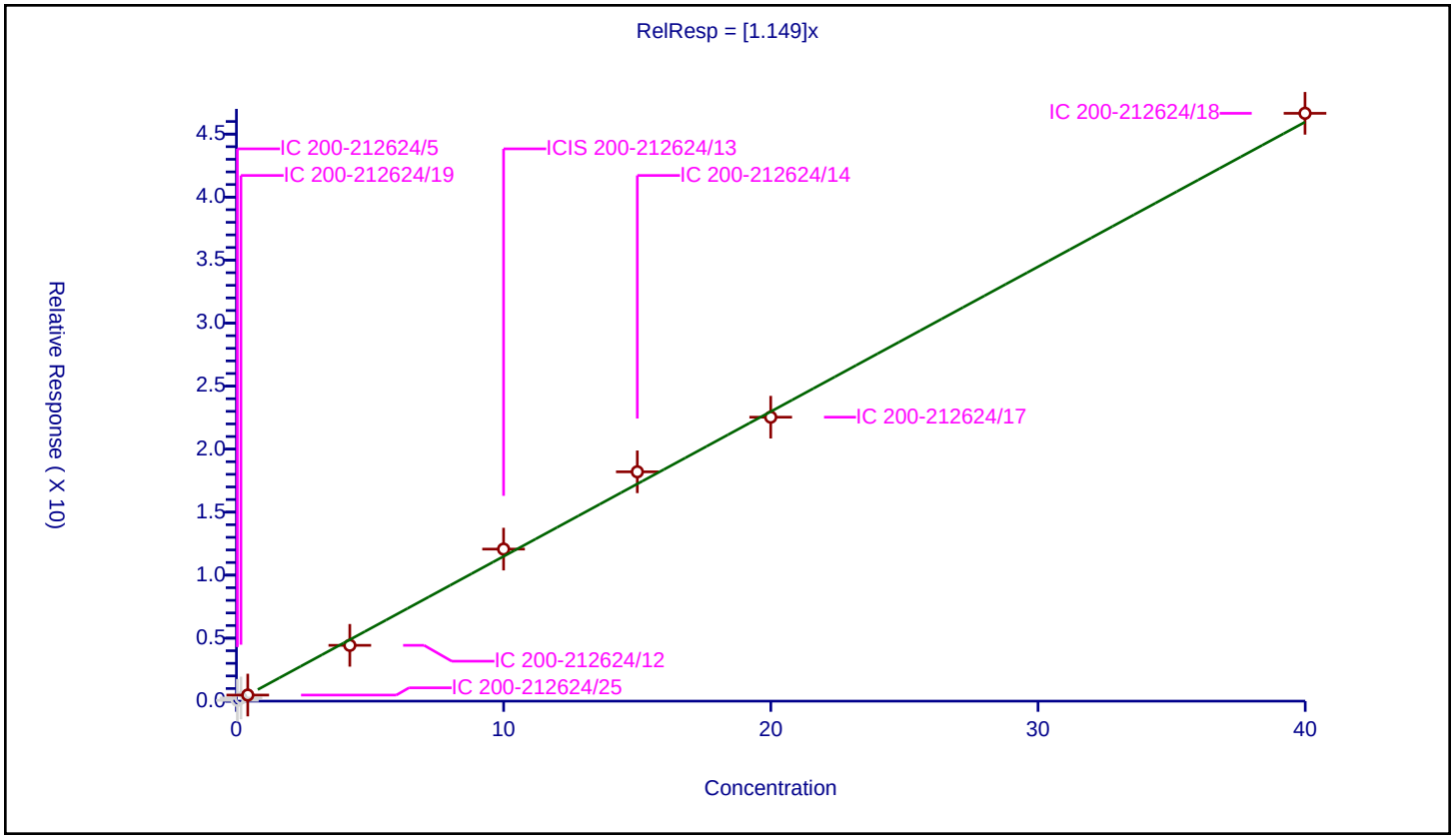
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.149 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.063913 | 10.0 | 162565.0 | 1.822077 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.250178 | 10.0 | 175795.0 | 1.468406 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.48286 | 10.0 | 176842.0 | 1.137835 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.428368 | 10.0 | 160619.0 | 1.043521 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 12.064797 | 10.0 | 166089.0 | 1.206714 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 18.199412 | 10.0 | 172327.0 | 1.213006 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 22.535033 | 10.0 | 178116.0 | 1.12697 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 46.649468 | 10.0 | 181022.0 | 1.166463 | Y |



## Calibration / Vinyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

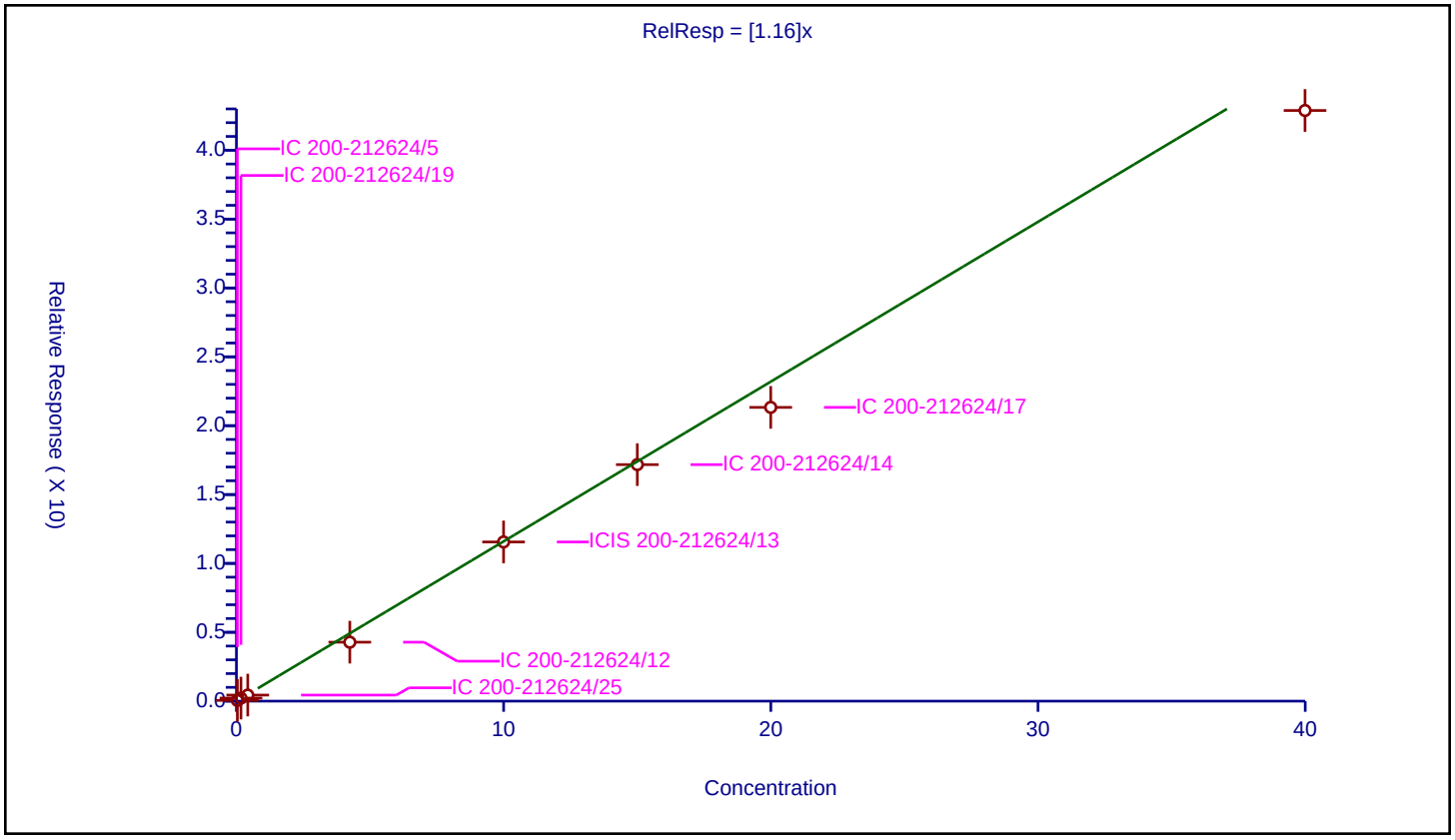
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.16 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.052471 | 10.0 | 162565.0 | 1.495892 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.221337 | 10.0 | 175795.0 | 1.299129 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.439828 | 10.0 | 176842.0 | 1.03643 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.279942 | 10.0 | 160619.0 | 1.008545 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 11.557779 | 10.0 | 166089.0 | 1.156002 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 17.173629 | 10.0 | 172327.0 | 1.144637 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 21.328067 | 10.0 | 178116.0 | 1.06661 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 42.883959 | 10.0 | 181022.0 | 1.072307 | Y |



## Calibration / Butane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

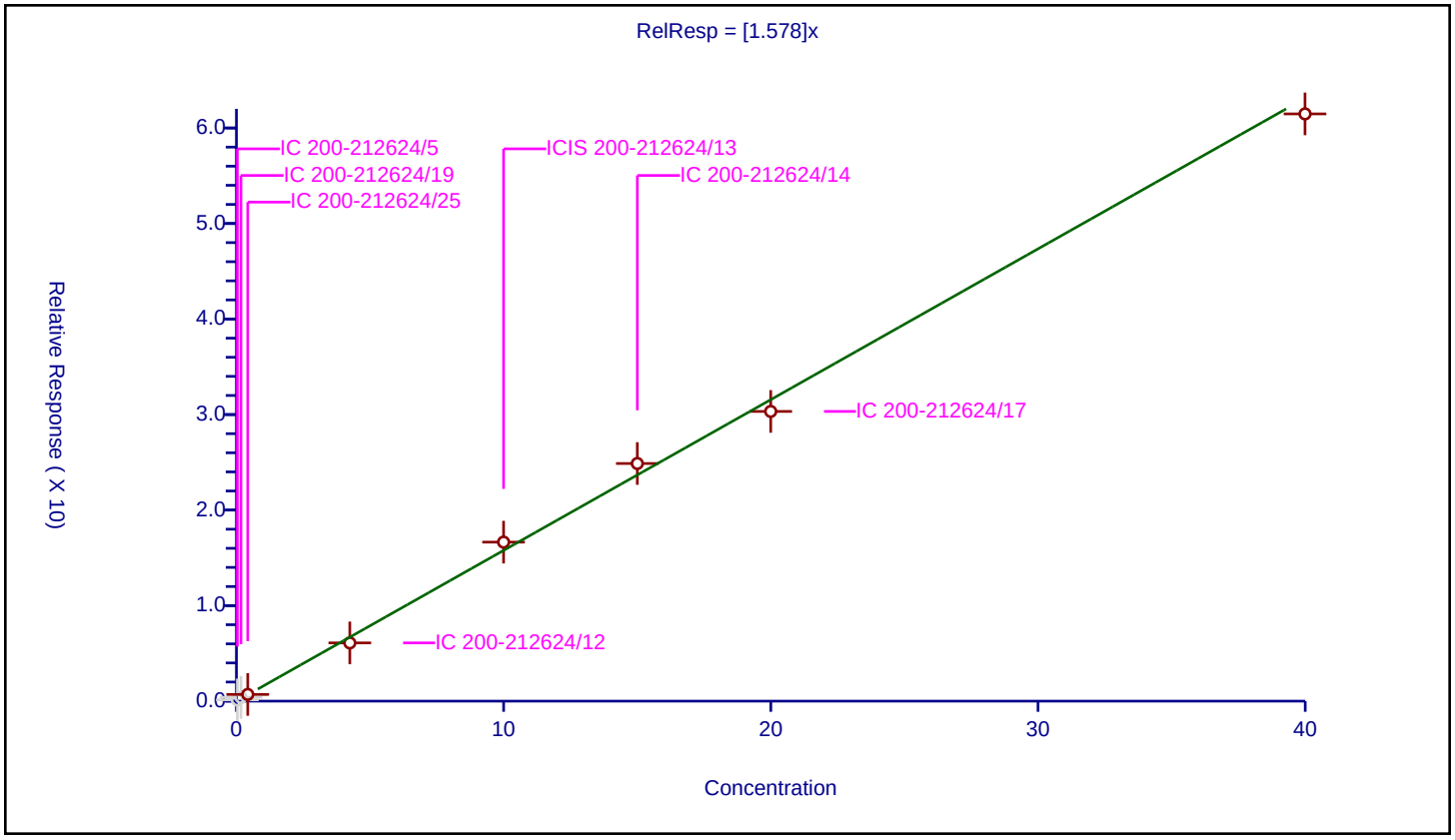
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.578 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.128872 | 10.0 | 162565.0 | 3.673967 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.39785 | 10.0 | 175795.0 | 2.335159 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.702548 | 10.0 | 176842.0 | 1.655517 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 6.097162 | 10.0 | 160619.0 | 1.436763 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 16.647581 | 10.0 | 166089.0 | 1.665081 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 24.877471 | 10.0 | 172327.0 | 1.658105 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 30.329561 | 10.0 | 178116.0 | 1.516772 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 61.47645 | 10.0 | 181022.0 | 1.537209 | Y |



## Calibration / Butadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

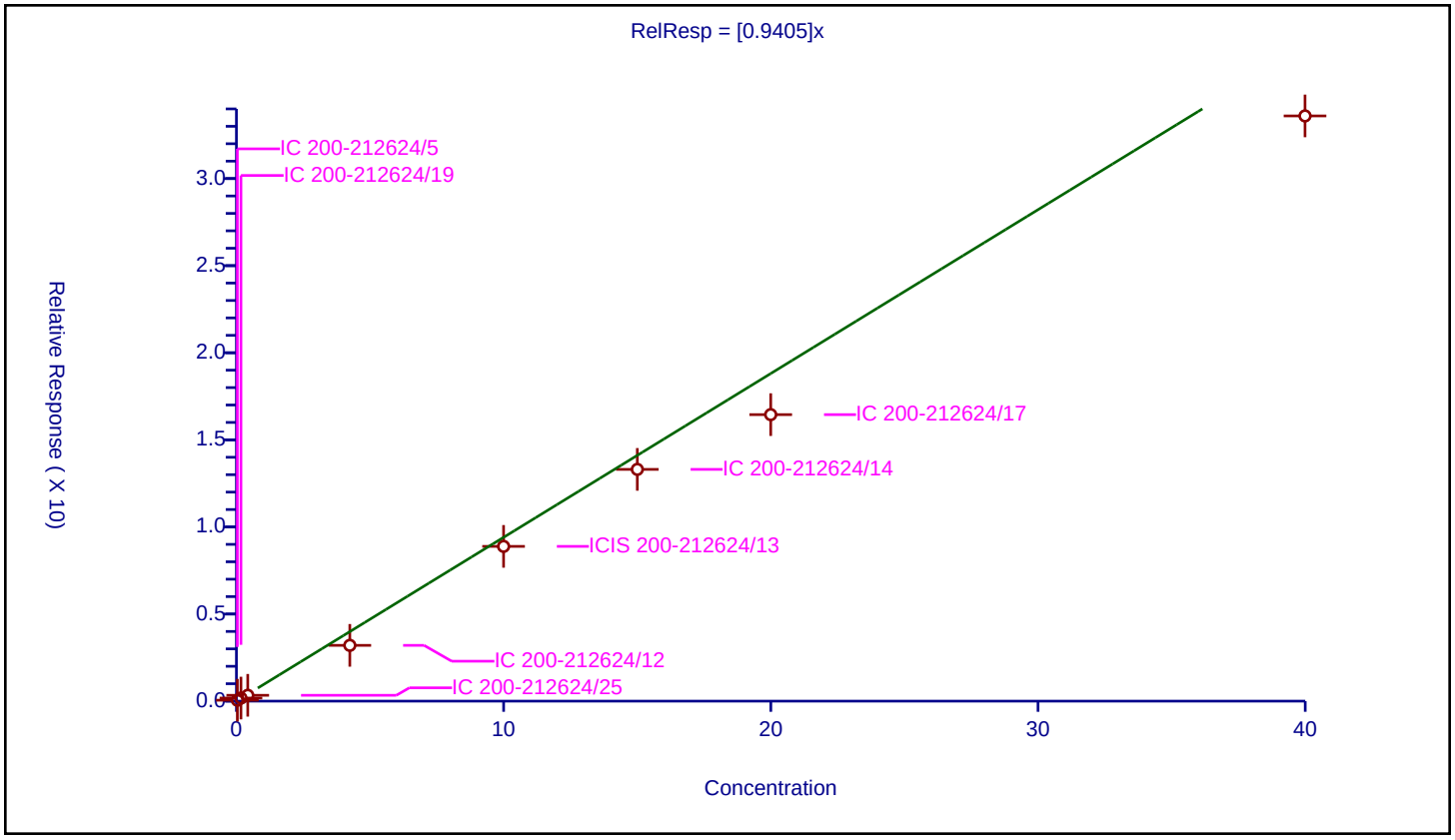
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9405 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 25.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.052717 | 10.0 | 162565.0 | 1.502907 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.176456 | 10.0 | 175795.0 | 1.035697 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.336289 | 10.0 | 176842.0 | 0.792447 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.202734 | 10.0 | 160619.0 | 0.754707 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 8.884574 | 10.0 | 166089.0 | 0.88863 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 13.30459 | 10.0 | 172327.0 | 0.886762 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 16.447652 | 10.0 | 178116.0 | 0.822542 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 33.597077 | 10.0 | 181022.0 | 0.84009 | Y |



## Calibration / Bromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

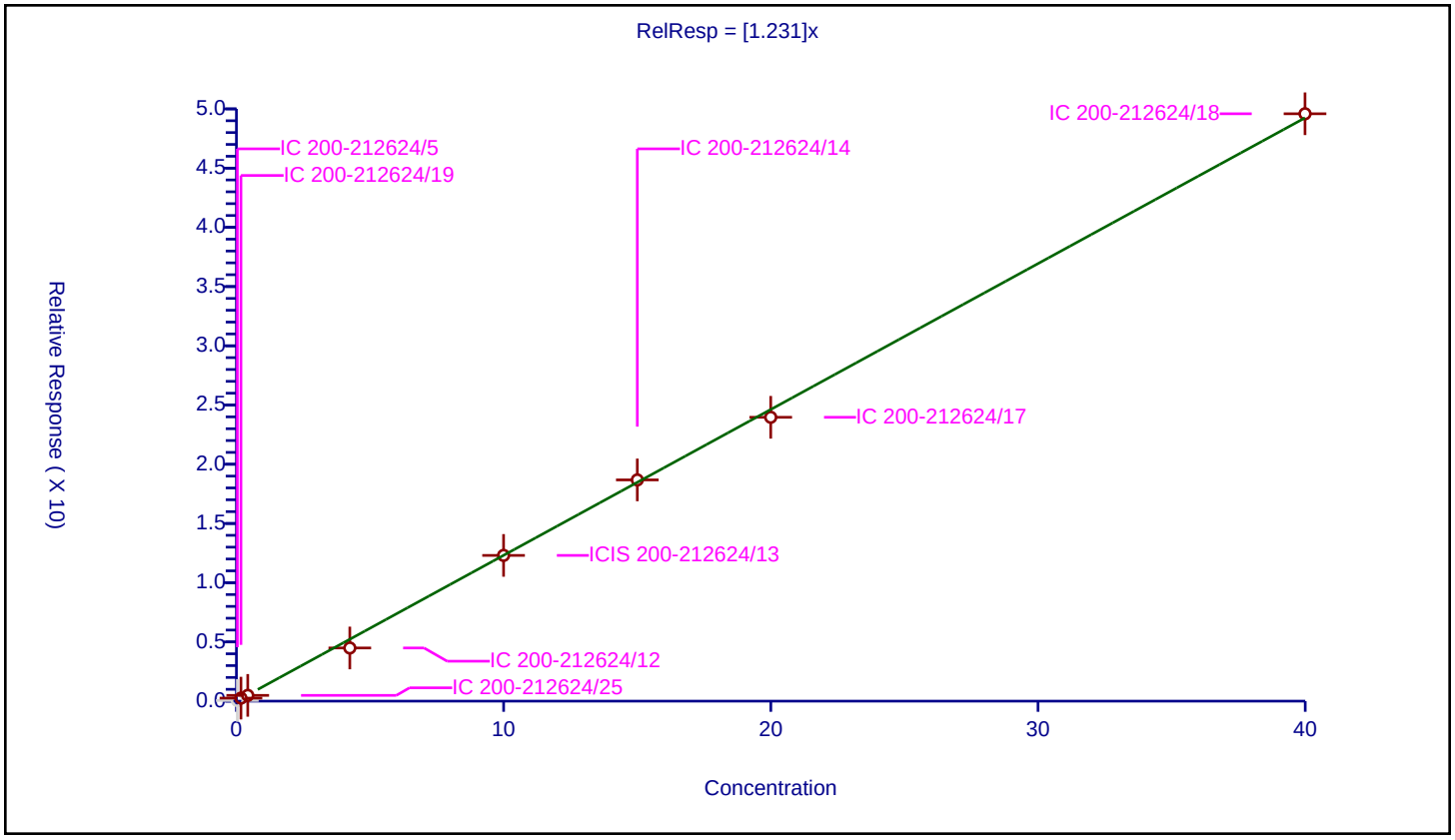
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.231 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.054501 | 10.0 | 162565.0 | 1.553764 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.255468 | 10.0 | 175795.0 | 1.499457 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.487215 | 10.0 | 176842.0 | 1.148095 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.488759 | 10.0 | 160619.0 | 1.057752 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 12.303945 | 10.0 | 166089.0 | 1.230633 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 18.677282 | 10.0 | 172327.0 | 1.244857 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 23.964495 | 10.0 | 178116.0 | 1.198457 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 49.588061 | 10.0 | 181022.0 | 1.239942 | Y |



## Calibration / Chloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

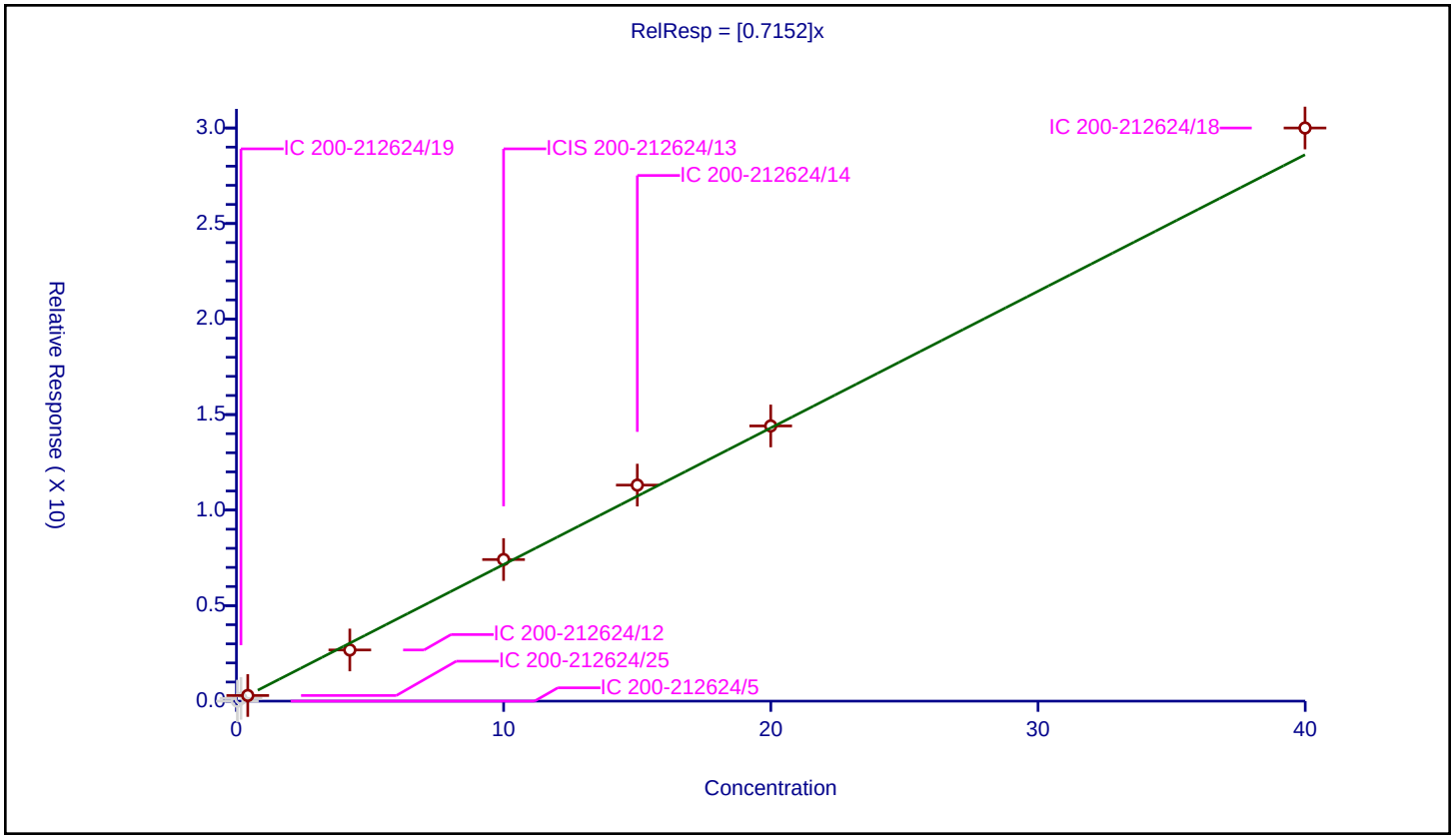
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7152 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.142894 | 10.0 | 175795.0 | 0.838707 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.294613 | 10.0 | 176842.0 | 0.69424 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.679073 | 10.0 | 160619.0 | 0.631309 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 7.412231 | 10.0 | 166089.0 | 0.741367 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 11.307746 | 10.0 | 172327.0 | 0.753671 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 14.404265 | 10.0 | 178116.0 | 0.720353 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 30.000055 | 10.0 | 181022.0 | 0.750147 | Y |



## Calibration / 2-Methylbutane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

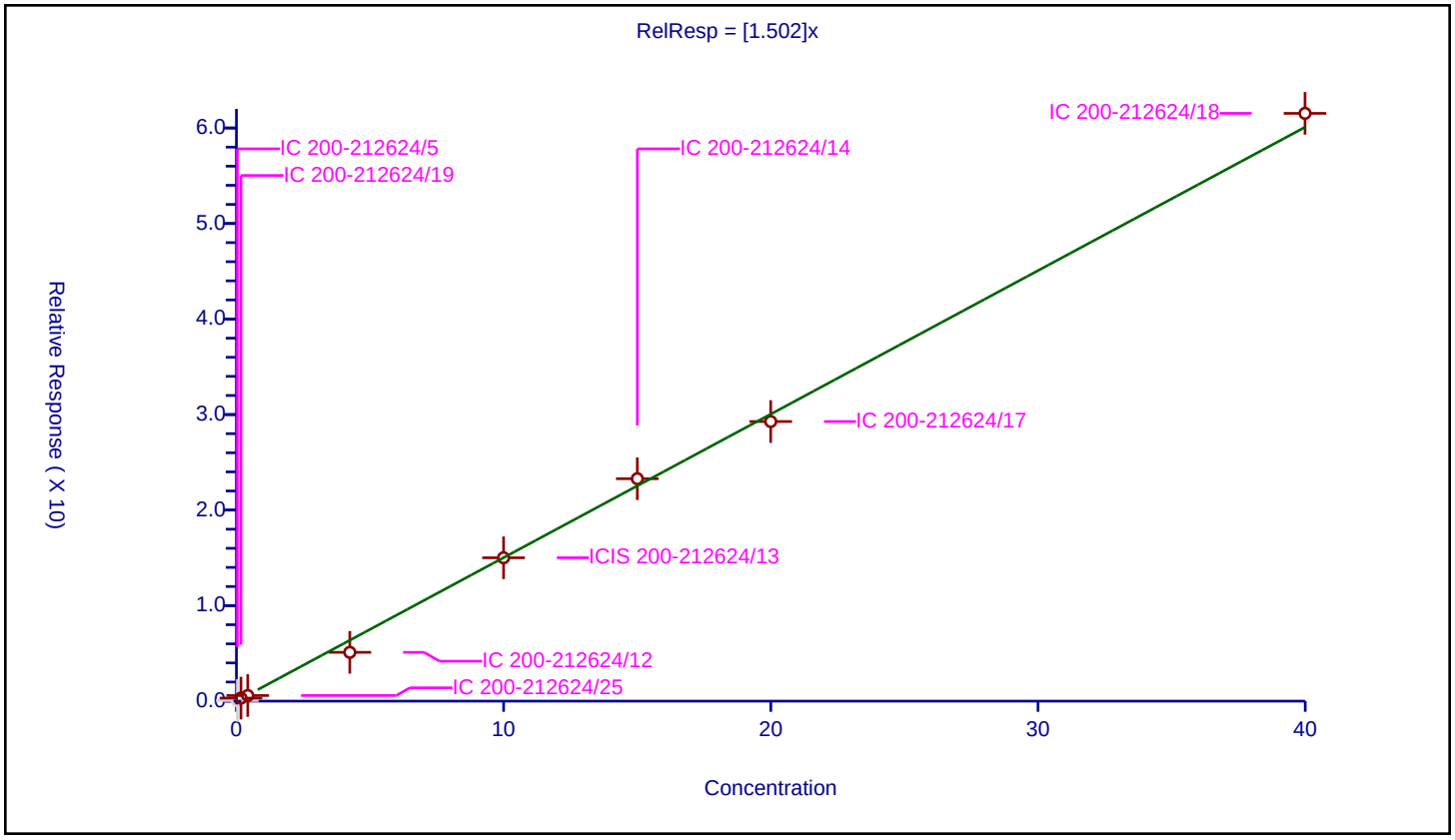
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.502 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.062191 | 10.0 | 162565.0 | 1.772974 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.31952 | 10.0 | 175795.0 | 1.875406 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.586569 | 10.0 | 176842.0 | 1.382218 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.108362 | 10.0 | 160619.0 | 1.203758 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.006834 | 10.0 | 166089.0 | 1.500975 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 23.285266 | 10.0 | 172327.0 | 1.551983 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 29.272777 | 10.0 | 178116.0 | 1.463923 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 61.530974 | 10.0 | 181022.0 | 1.538573 | Y |



## Calibration / Vinyl bromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

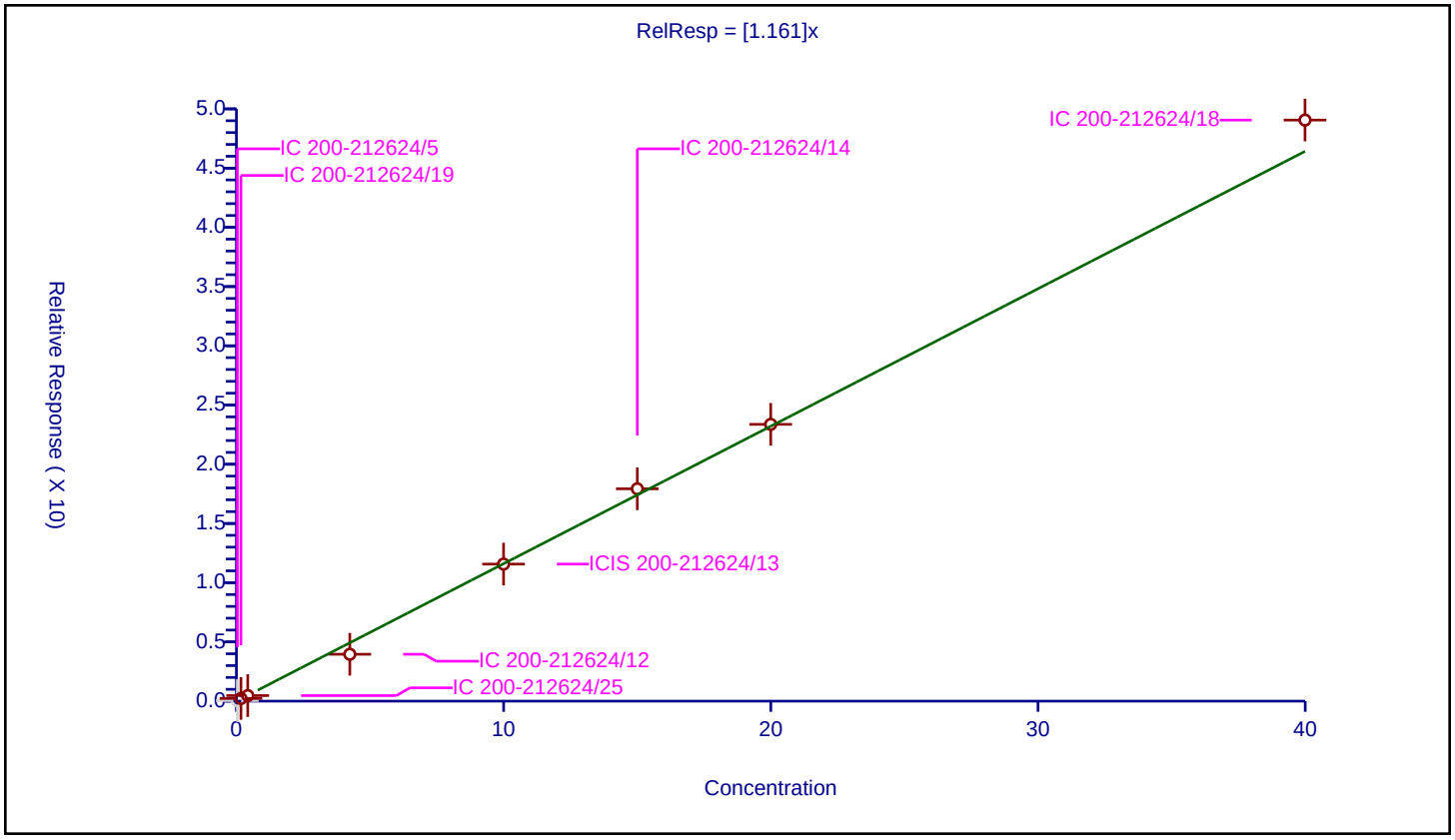
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.161 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.047735 | 10.0 | 162565.0 | 1.360858 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.228562 | 10.0 | 175795.0 | 1.341531 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.467819 | 10.0 | 176842.0 | 1.10239 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.958062 | 10.0 | 160619.0 | 0.932696 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 11.570845 | 10.0 | 166089.0 | 1.157309 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 17.925572 | 10.0 | 172327.0 | 1.194755 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 23.368647 | 10.0 | 178116.0 | 1.168659 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 49.05575 | 10.0 | 181022.0 | 1.226632 | Y |



## Calibration / Trichlorofluoromethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

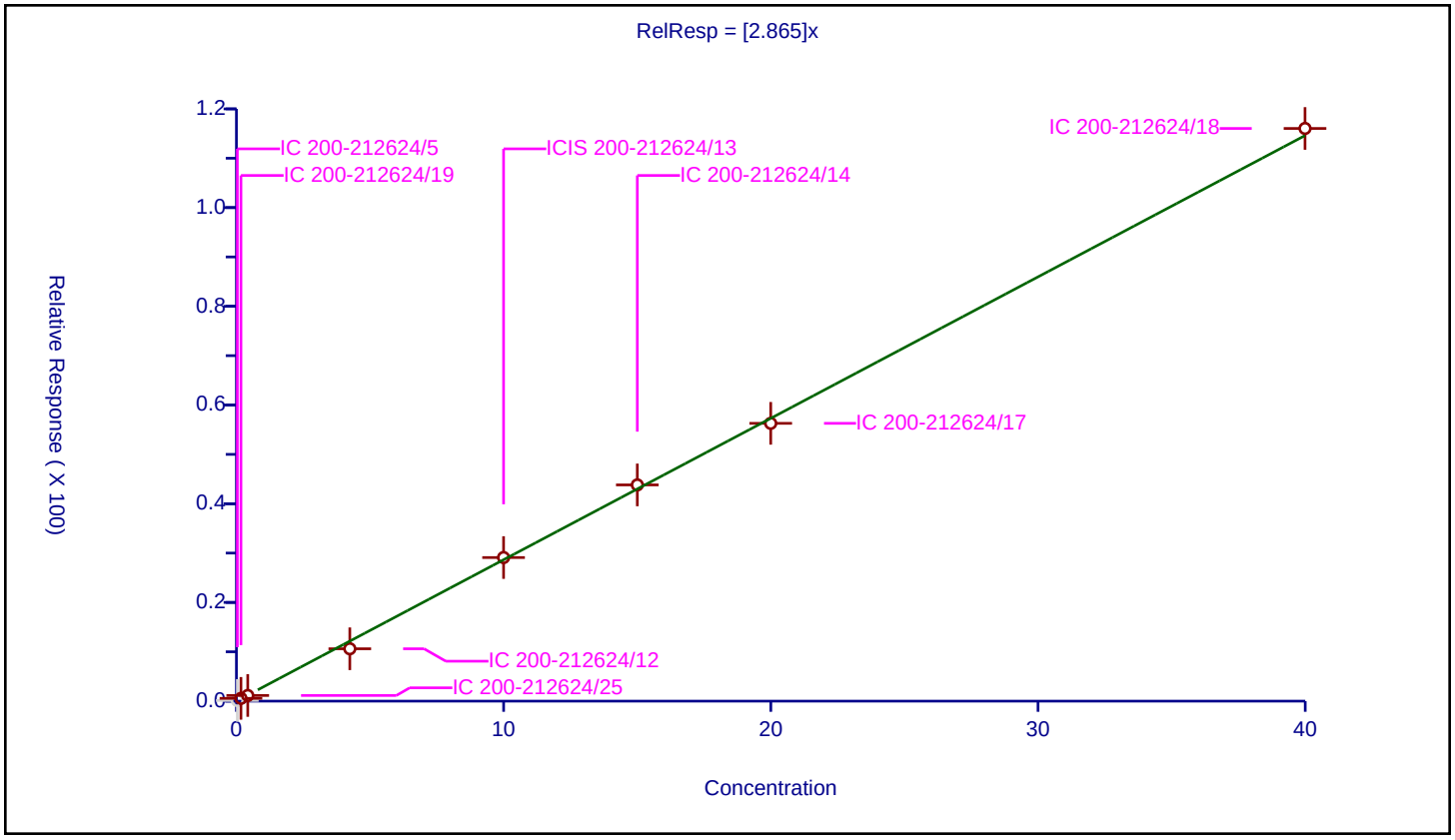
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.865 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.134408 | 10.0 | 162565.0 | 3.831799 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.564351 | 10.0 | 175795.0 | 3.312427 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 1.144977 | 10.0 | 176842.0 | 2.698076 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 10.614124 | 10.0 | 160619.0 | 2.501161 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 29.095184 | 10.0 | 166089.0 | 2.910083 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 43.81397 | 10.0 | 172327.0 | 2.920239 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 56.288149 | 10.0 | 178116.0 | 2.814954 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 116.030924 | 10.0 | 181022.0 | 2.901336 | Y |



## Calibration / Pentane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

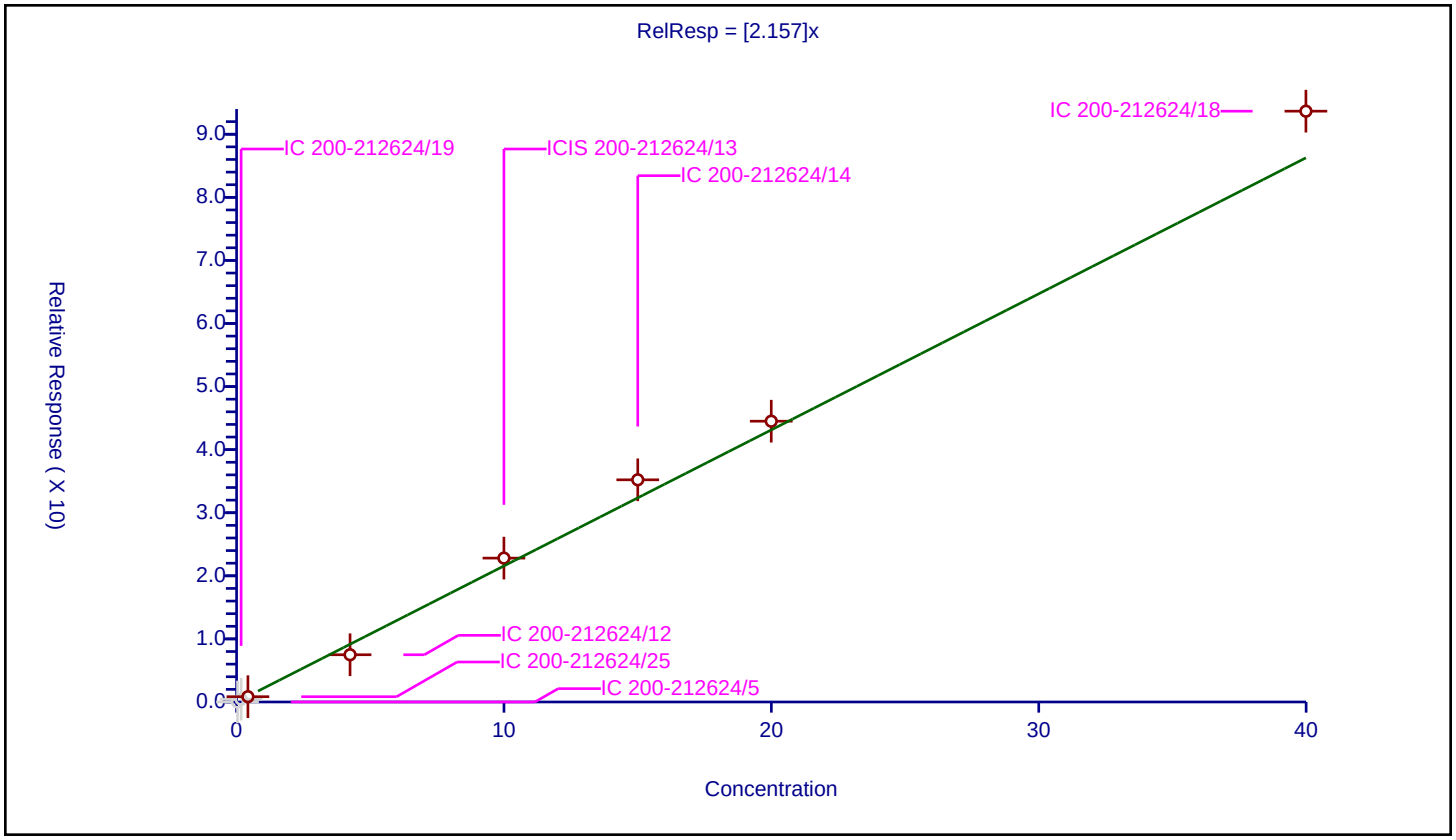
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.157 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.443585 | 10.0 | 175795.0 | 2.603599 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.840185 | 10.0 | 176842.0 | 1.979851 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 7.489649 | 10.0 | 160619.0 | 1.764896 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 22.806929 | 10.0 | 166089.0 | 2.281135 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 35.219786 | 10.0 | 172327.0 | 2.347429 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 44.512789 | 10.0 | 178116.0 | 2.226071 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 93.65718 | 10.0 | 181022.0 | 2.341884 | Y |



## Calibration / Ethanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

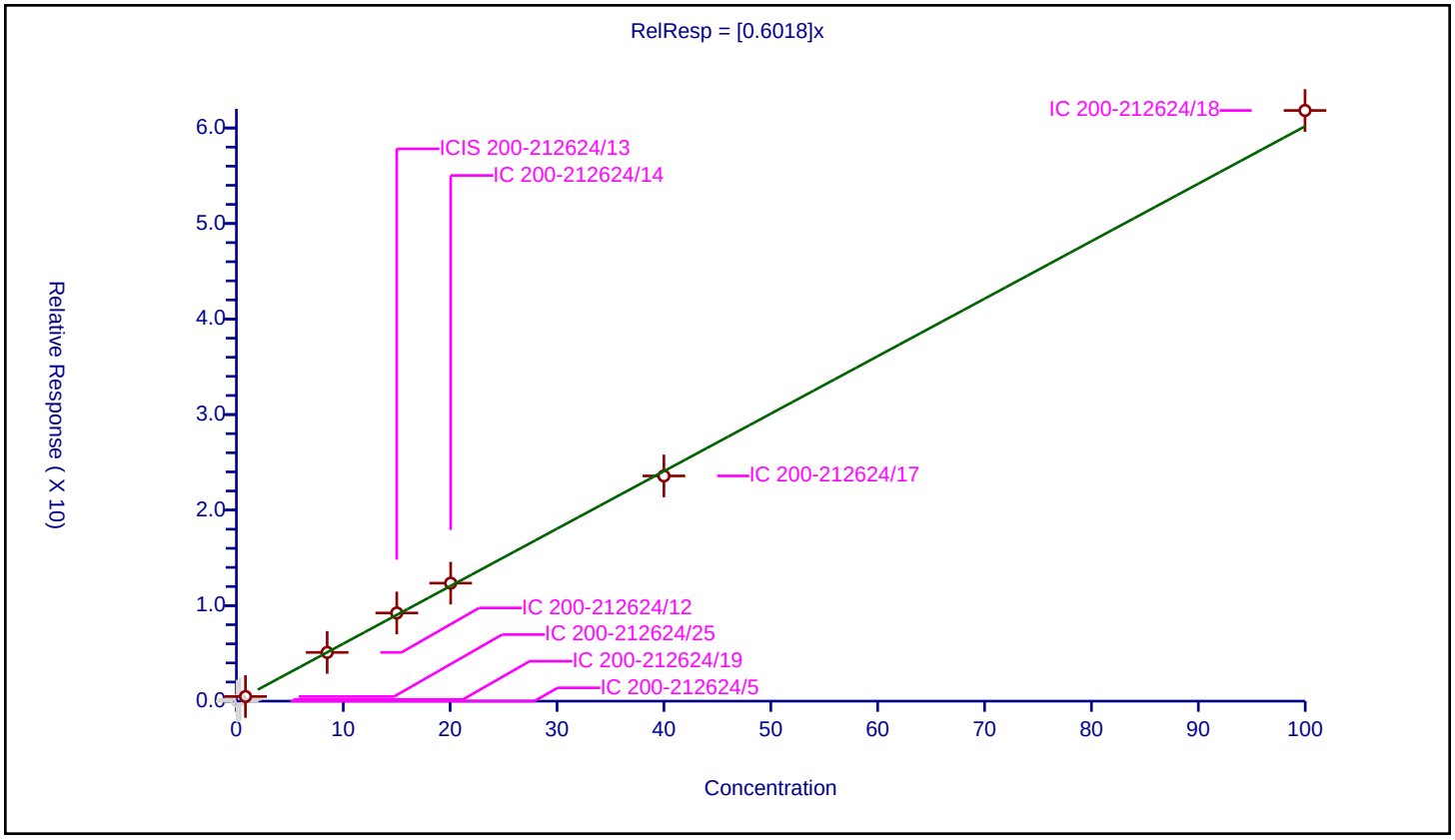
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6018 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 3.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.070165 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.340803 | 0.176399 | 10.0 | 175795.0 | 0.517598 | N |
| 3 | IC 200-212624/25 | 0.849285 | 0.485122 | 10.0 | 176842.0 | 0.571212 | Y |
| 4 | IC 200-212624/12 | 8.492854 | 5.100766 | 10.0 | 160619.0 | 0.600595 | Y |
| 5 | ICIS 200-212624/13 | 15.003557 | 9.229028 | 10.0 | 166089.0 | 0.615123 | Y |
| 6 | IC 200-212624/14 | 20.047856 | 12.353723 | 10.0 | 172327.0 | 0.616212 | Y |
| 7 | IC 200-212624/17 | 39.998707 | 23.575367 | 10.0 | 178116.0 | 0.589403 | Y |
| 8 | IC 200-212624/18 | 99.980599 | 61.833921 | 10.0 | 181022.0 | 0.618459 | Y |



## Calibration / Ethyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

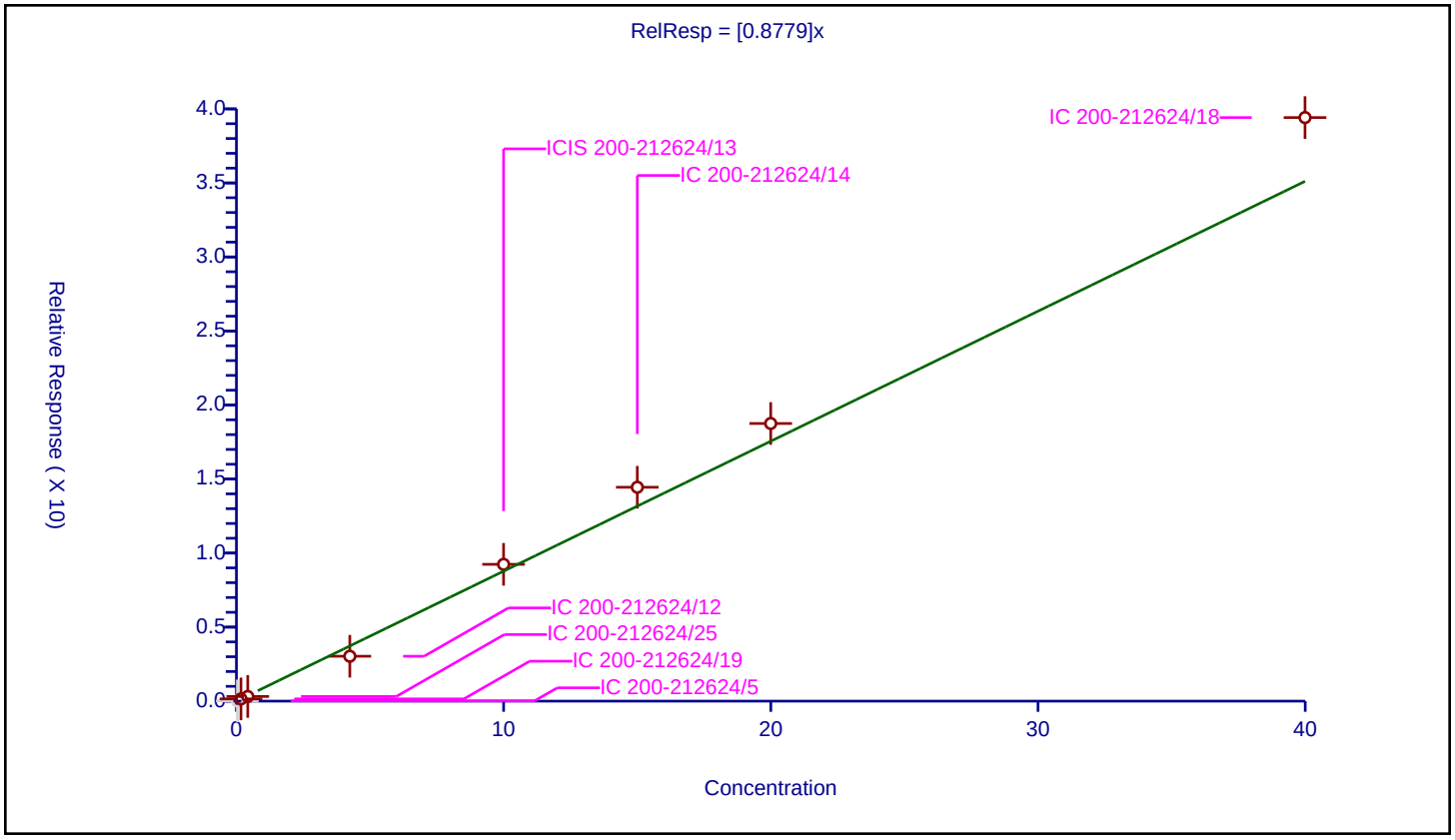
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8779 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.017531 | 10.0 | 162565.0 | 0.4998 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.149435 | 10.0 | 175795.0 | 0.877104 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.315479 | 10.0 | 176842.0 | 0.74341 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.031335 | 10.0 | 160619.0 | 0.714318 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 9.239323 | 10.0 | 166089.0 | 0.924112 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 14.446488 | 10.0 | 172327.0 | 0.962871 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 18.752442 | 10.0 | 178116.0 | 0.937804 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 39.413055 | 10.0 | 181022.0 | 0.985518 | Y |



## Calibration / Acrolein

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

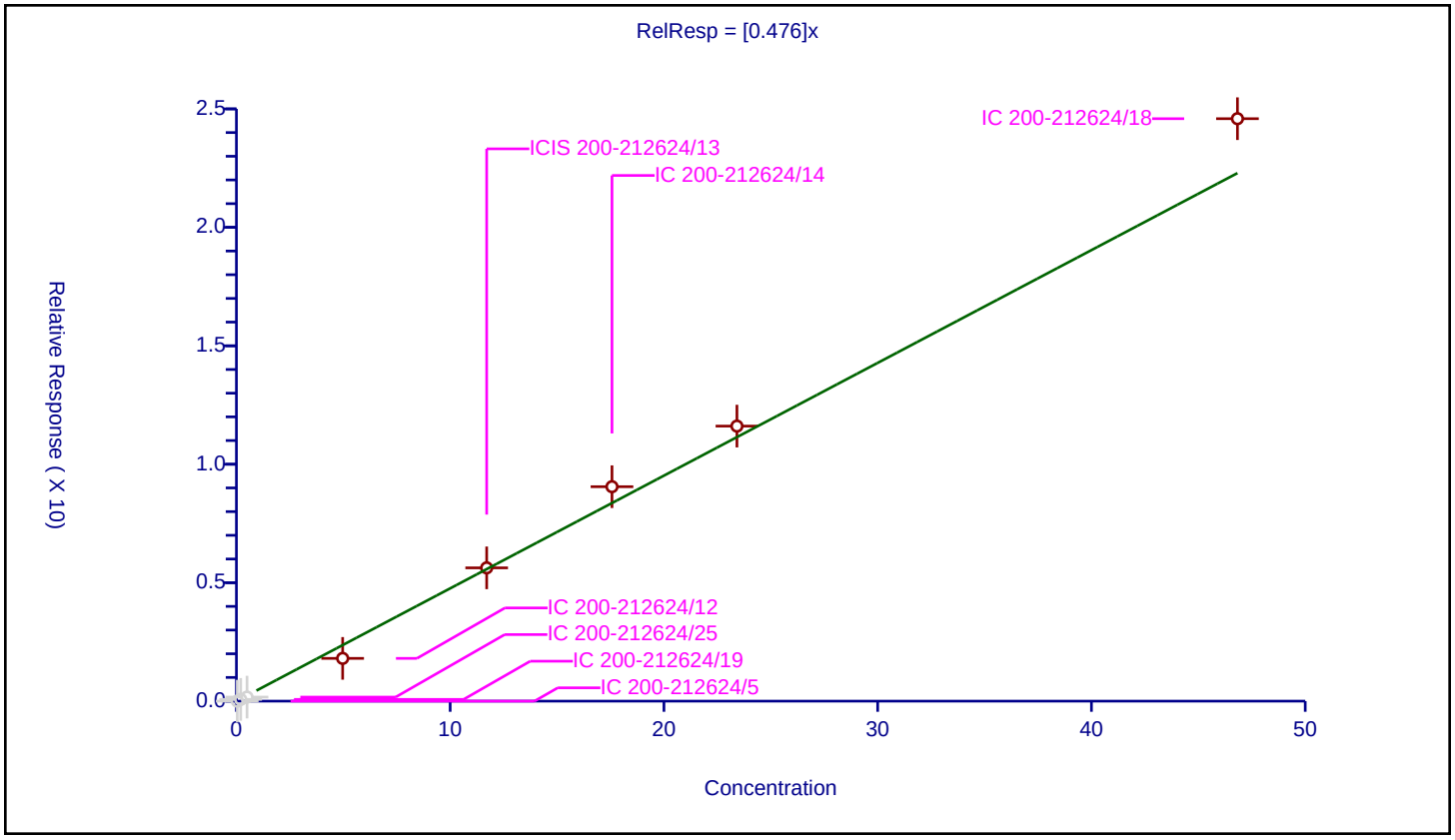
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.476 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.041075 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.199508 | 0.073381 | 10.0 | 175795.0 | 0.36781 | N |
| 3 | IC 200-212624/25 | 0.496935 | 0.170435 | 10.0 | 176842.0 | 0.342972 | N |
| 4 | IC 200-212624/12 | 4.969347 | 1.804706 | 10.0 | 160619.0 | 0.363168 | Y |
| 5 | ICIS 200-212624/13 | 11.707728 | 5.626983 | 10.0 | 166089.0 | 0.480621 | Y |
| 6 | IC 200-212624/14 | 17.569165 | 9.051571 | 10.0 | 172327.0 | 0.515196 | Y |
| 7 | IC 200-212624/17 | 23.415456 | 11.609513 | 10.0 | 178116.0 | 0.495806 | Y |
| 8 | IC 200-212624/18 | 46.830913 | 24.586514 | 10.0 | 181022.0 | 0.525006 | Y |



## Calibration / 1,1-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

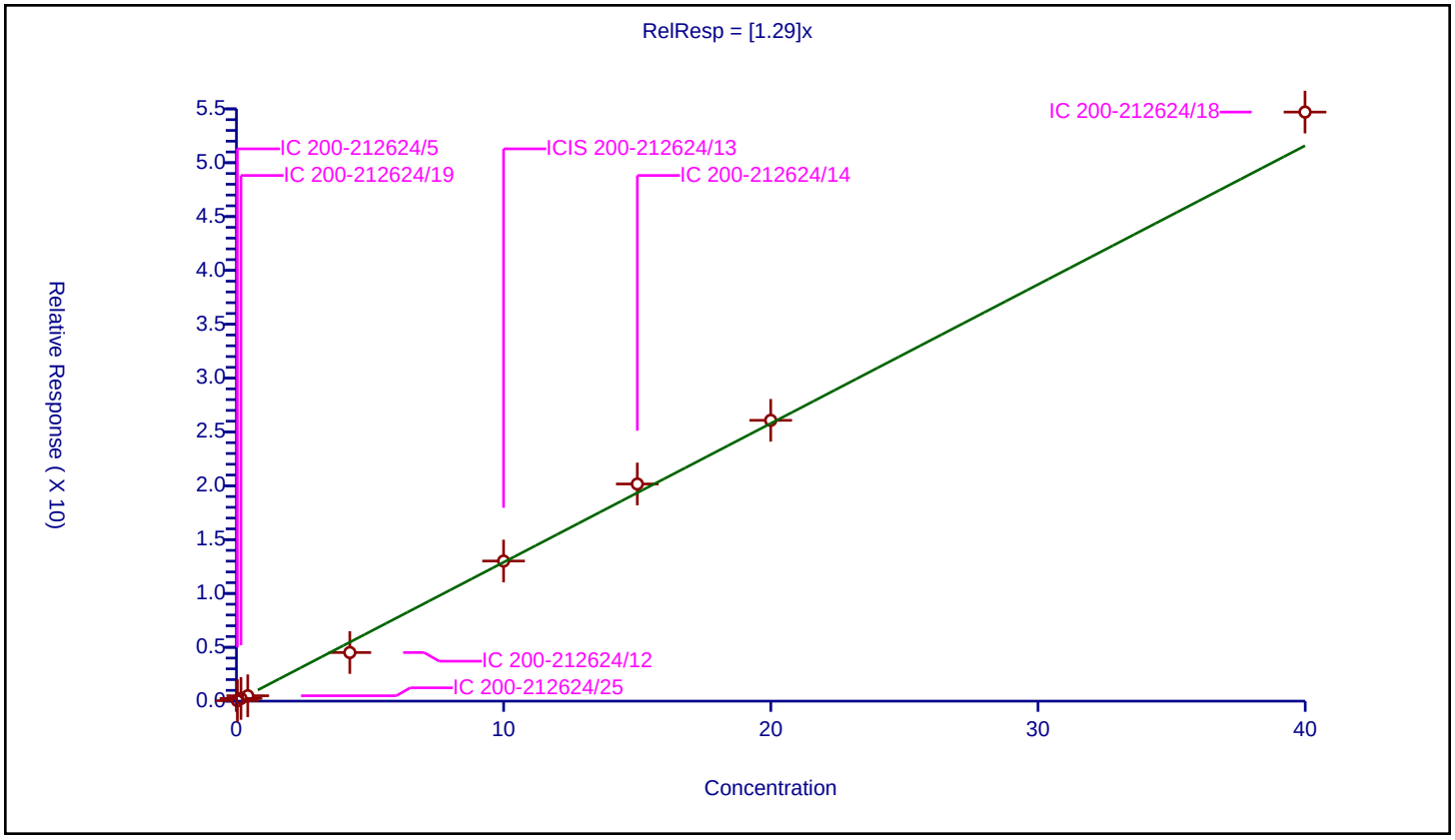
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.29 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.045459 | 10.0 | 162565.0 | 1.295972 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.248926 | 10.0 | 175795.0 | 1.46106 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.50039 | 10.0 | 176842.0 | 1.179143 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.515531 | 10.0 | 160619.0 | 1.06406 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 13.011879 | 10.0 | 166089.0 | 1.30144 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 20.16753 | 10.0 | 172327.0 | 1.344183 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 26.077556 | 10.0 | 178116.0 | 1.304131 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 54.706665 | 10.0 | 181022.0 | 1.367932 | Y |



## Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

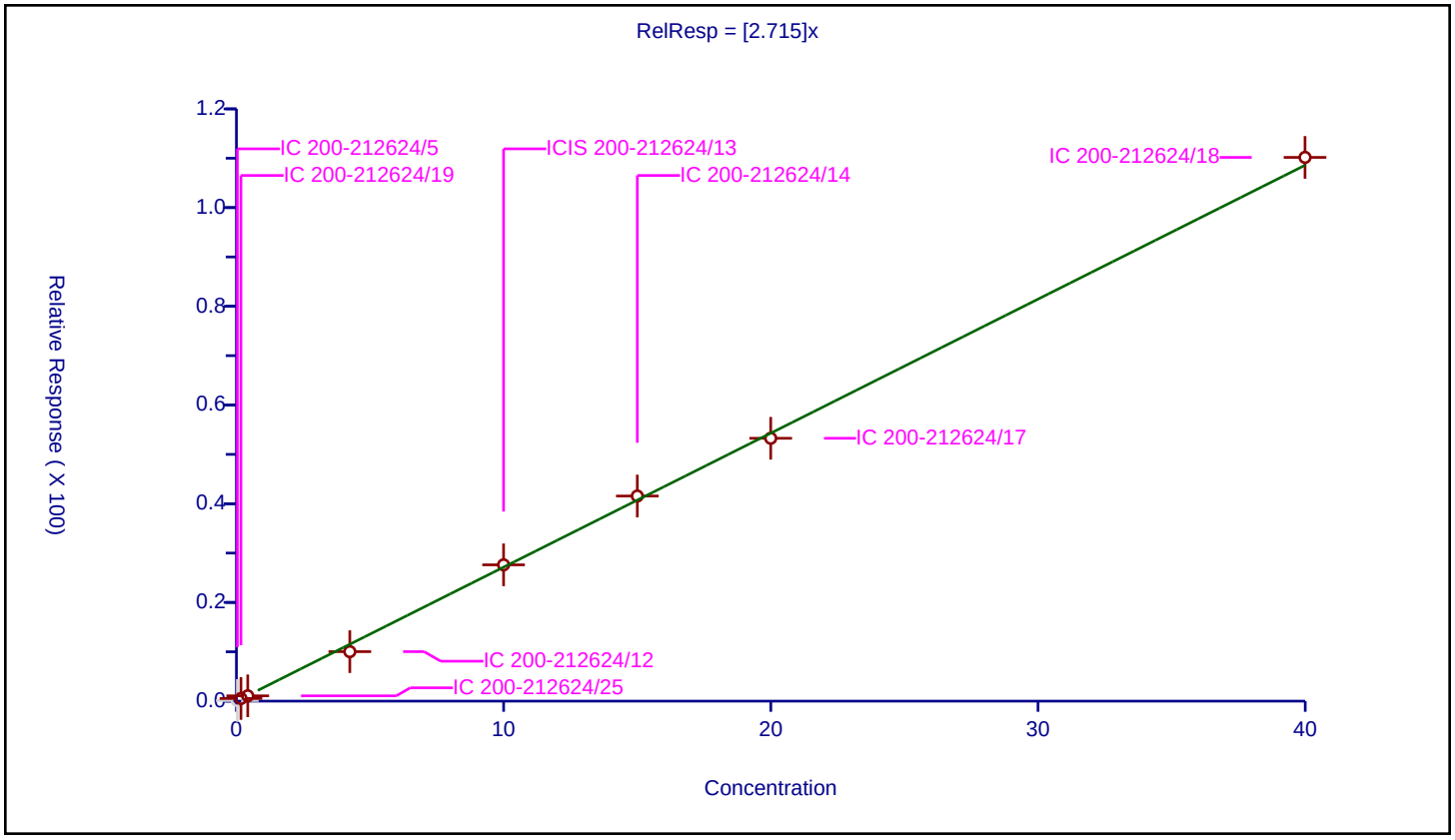
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.715 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.122597 | 10.0 | 162565.0 | 3.495091 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.536875 | 10.0 | 175795.0 | 3.151163 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 1.077516 | 10.0 | 176842.0 | 2.539107 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 10.030631 | 10.0 | 160619.0 | 2.363664 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 27.619108 | 10.0 | 166089.0 | 2.762447 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 41.562611 | 10.0 | 172327.0 | 2.770184 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 53.260852 | 10.0 | 178116.0 | 2.663559 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 110.171416 | 10.0 | 181022.0 | 2.75482 | Y |



## Calibration / Acetone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

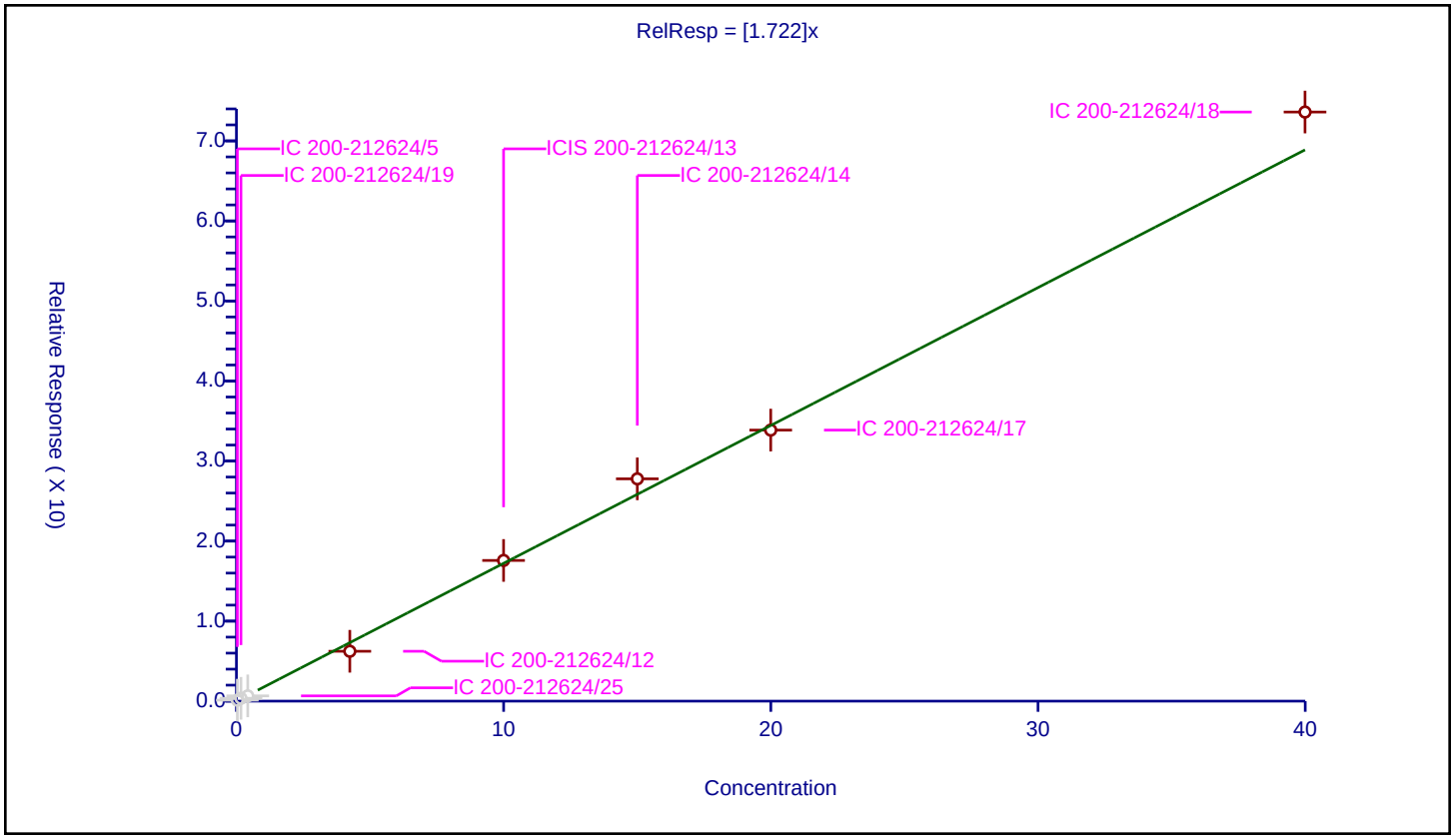
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.722 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.120444 | 10.0 | 162565.0 | 3.433712 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.353878 | 10.0 | 175795.0 | 2.07707 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.657706 | 10.0 | 176842.0 | 1.549848 | N |
| 4 | IC 200-212624/12 | 4.243678 | 6.230894 | 10.0 | 160619.0 | 1.468277 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 17.578166 | 10.0 | 166089.0 | 1.758158 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 27.776901 | 10.0 | 172327.0 | 1.851354 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 33.864897 | 10.0 | 178116.0 | 1.693573 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 73.607075 | 10.0 | 181022.0 | 1.840534 | Y |



## Calibration / Isopropyl alcohol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

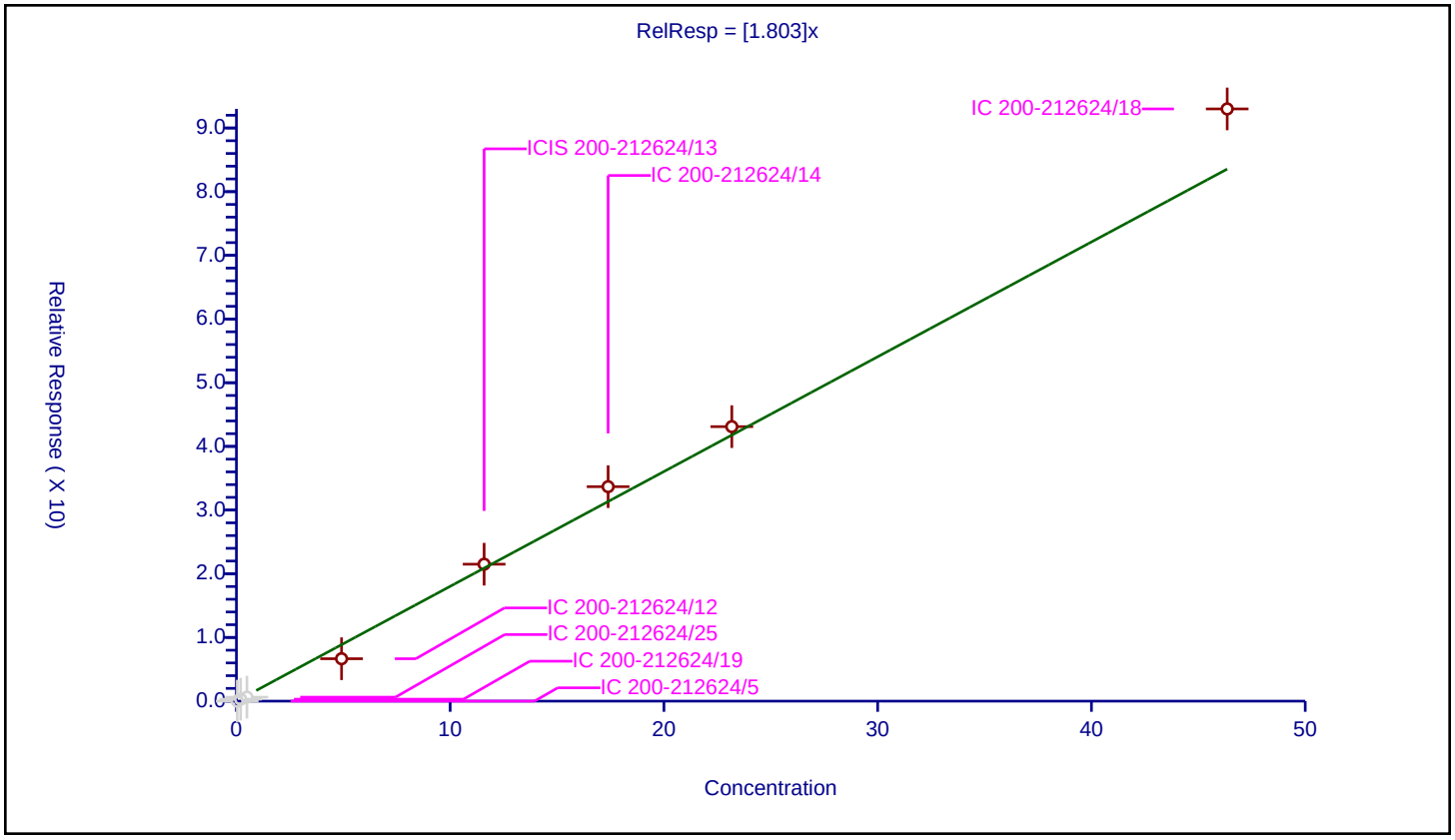
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.803 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.040654 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.197463 | 0.309167 | 10.0 | 175795.0 | 1.565694 | N |
| 3 | IC 200-212624/25 | 0.491842 | 0.624116 | 10.0 | 176842.0 | 1.268936 | N |
| 4 | IC 200-212624/12 | 4.918423 | 6.661976 | 10.0 | 160619.0 | 1.354494 | Y |
| 5 | ICIS 200-212624/13 | 11.587751 | 21.502628 | 10.0 | 166089.0 | 1.855634 | Y |
| 6 | IC 200-212624/14 | 17.389122 | 33.677601 | 10.0 | 172327.0 | 1.936705 | Y |
| 7 | IC 200-212624/17 | 23.175503 | 43.104606 | 10.0 | 178116.0 | 1.859921 | Y |
| 8 | IC 200-212624/18 | 46.351006 | 92.99389 | 10.0 | 181022.0 | 2.006297 | Y |



## Calibration / Carbon disulfide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

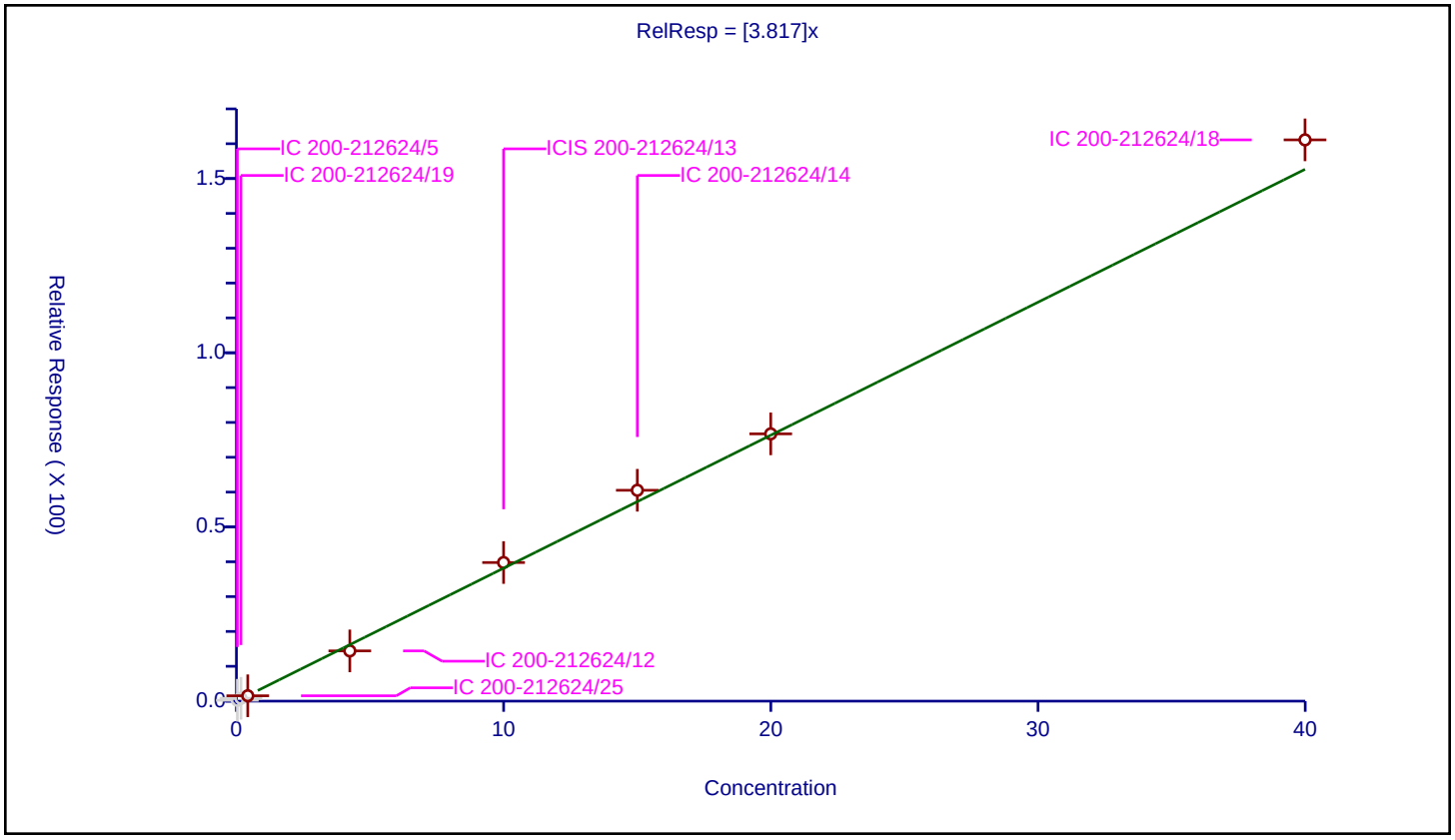
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.817 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 6.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.248024 | 10.0 | 162565.0 | 7.070852 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.817771 | 10.0 | 175795.0 | 4.799864 | N |
| 3 | IC 200-212624/25 | 0.424368 | 1.538096 | 10.0 | 176842.0 | 3.624441 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 14.422827 | 10.0 | 160619.0 | 3.398662 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 39.78638 | 10.0 | 166089.0 | 3.97941 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 60.527369 | 10.0 | 172327.0 | 4.034201 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 76.720283 | 10.0 | 178116.0 | 3.836759 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 161.105501 | 10.0 | 181022.0 | 4.028419 | Y |



## Calibration / Acetonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

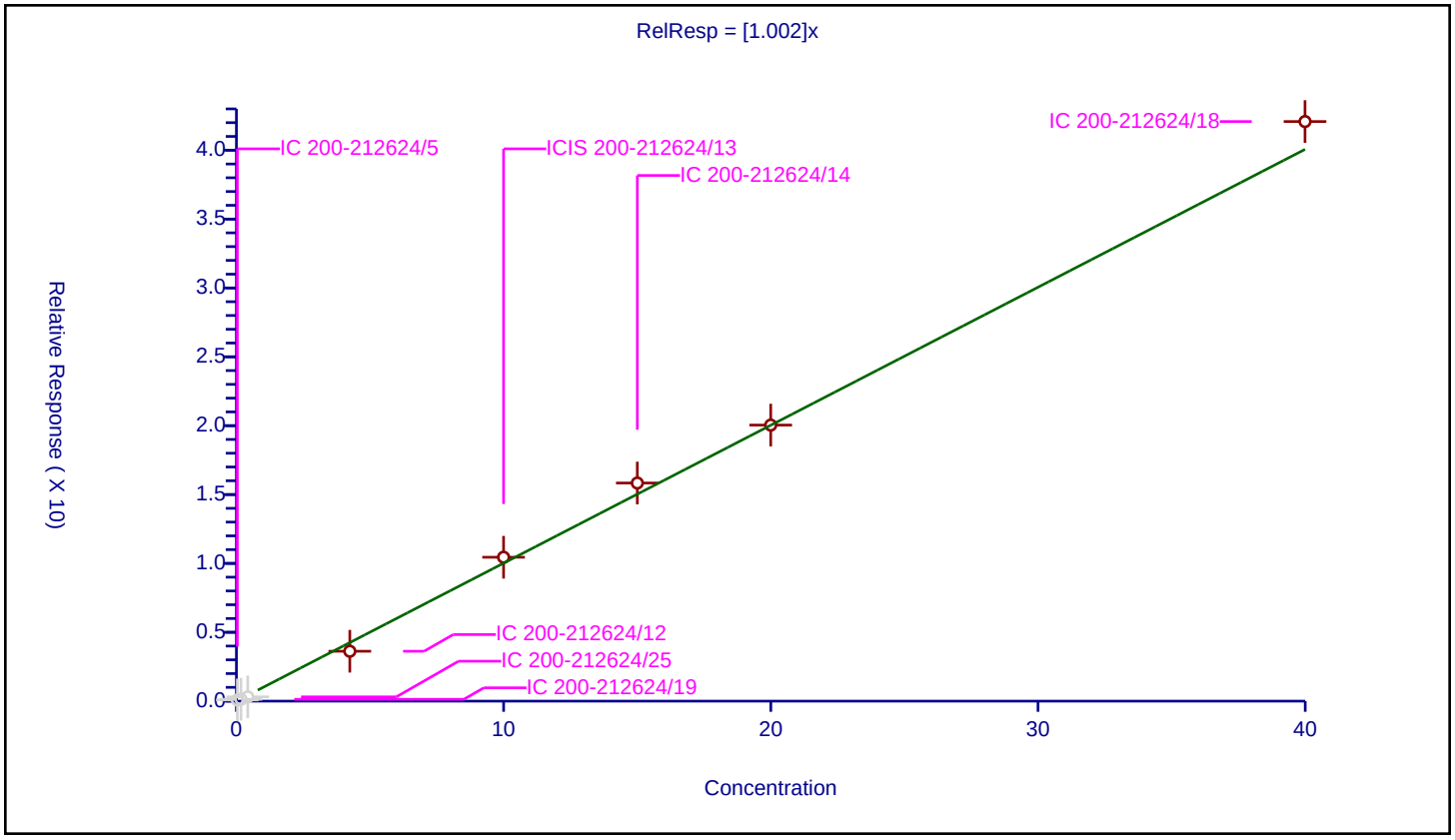
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.002 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.08575 | 10.0 | 162565.0 | 2.444635 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.13493 | 10.0 | 175795.0 | 0.791964 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.310107 | 10.0 | 176842.0 | 0.730751 | N |
| 4 | IC 200-212624/12 | 4.243678 | 3.622859 | 10.0 | 160619.0 | 0.853707 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.446387 | 10.0 | 166089.0 | 1.044841 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 15.837333 | 10.0 | 172327.0 | 1.055572 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 20.041546 | 10.0 | 178116.0 | 1.002272 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 42.080907 | 10.0 | 181022.0 | 1.052227 | Y |



## Calibration / 3-Chloro-1-propene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

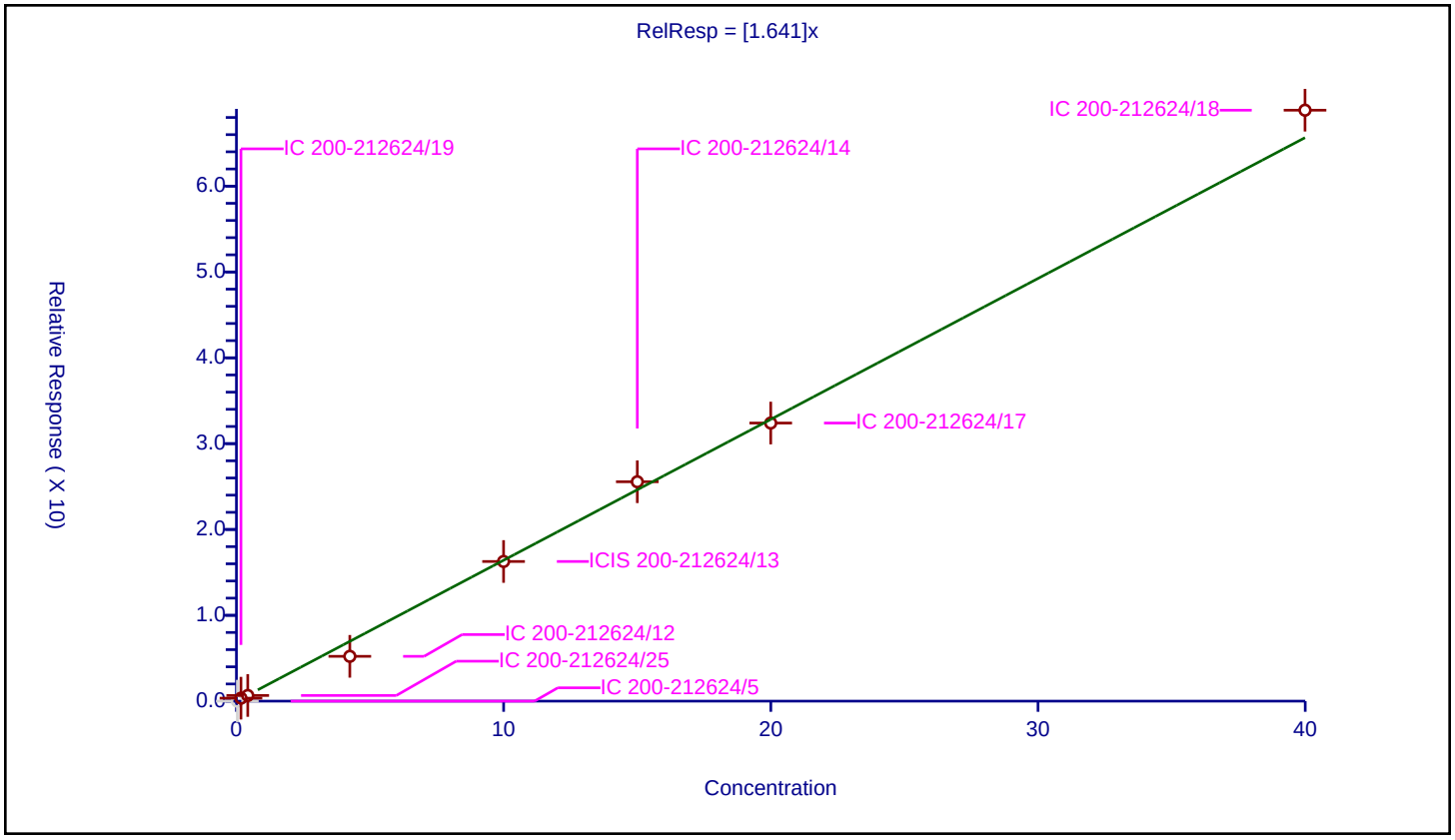
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.641 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.346995 | 10.0 | 175795.0 | 2.03667 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.658215 | 10.0 | 176842.0 | 1.551047 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.220055 | 10.0 | 160619.0 | 1.230078 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 16.269289 | 10.0 | 166089.0 | 1.627245 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 25.559431 | 10.0 | 172327.0 | 1.703558 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 32.400177 | 10.0 | 178116.0 | 1.620323 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 68.84898 | 10.0 | 181022.0 | 1.721558 | Y |



## Calibration / Methylene Chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

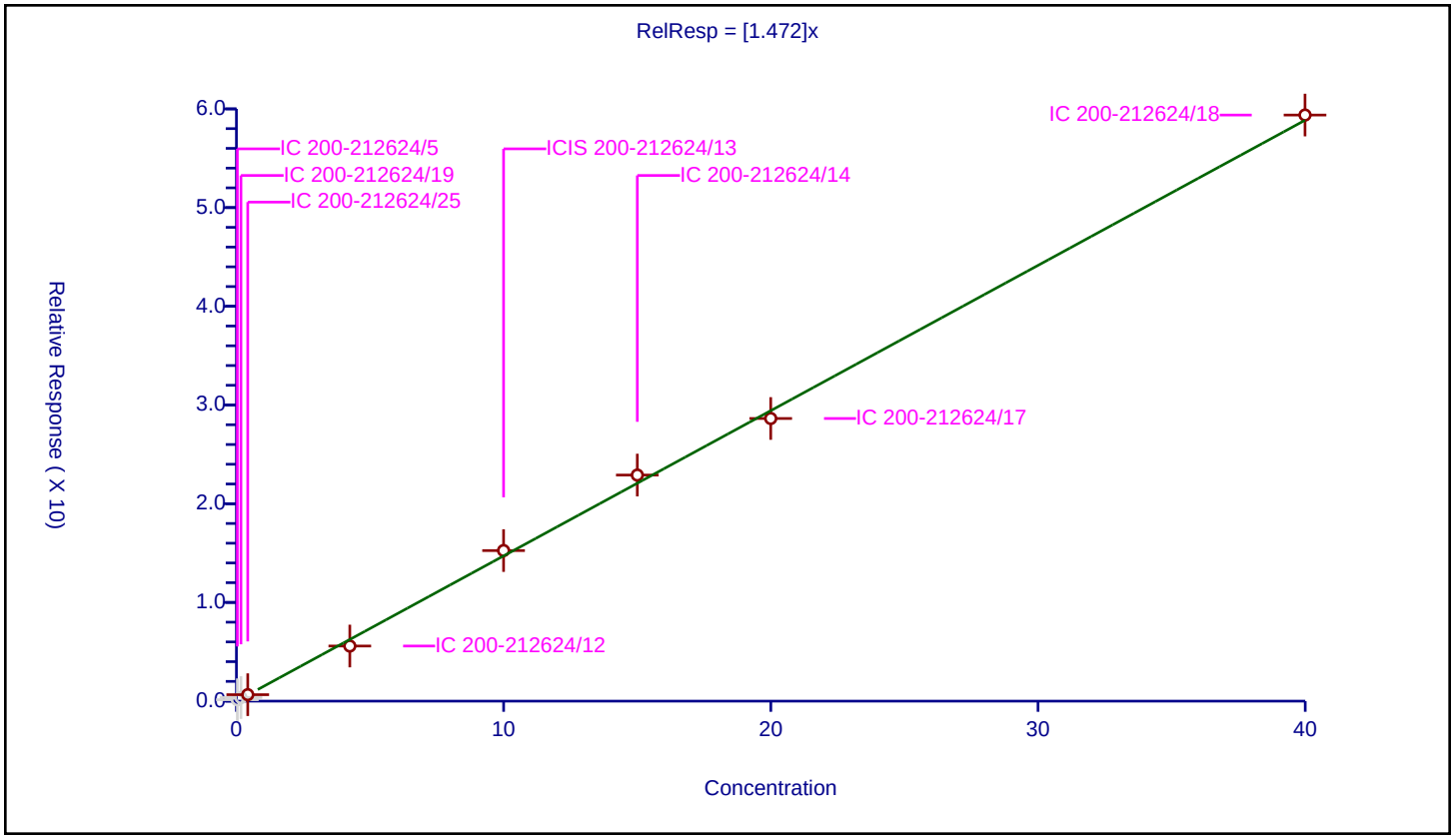
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.472 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 5.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.140313 | 10.0 | 162565.0 | 4.000152 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.362013 | 10.0 | 175795.0 | 2.124815 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.655218 | 10.0 | 176842.0 | 1.543985 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.585329 | 10.0 | 160619.0 | 1.316153 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.254291 | 10.0 | 166089.0 | 1.525725 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 22.903143 | 10.0 | 172327.0 | 1.526514 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 28.634317 | 10.0 | 178116.0 | 1.431994 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 59.377424 | 10.0 | 181022.0 | 1.484724 | Y |



## Calibration / 2-Methyl-2-propanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

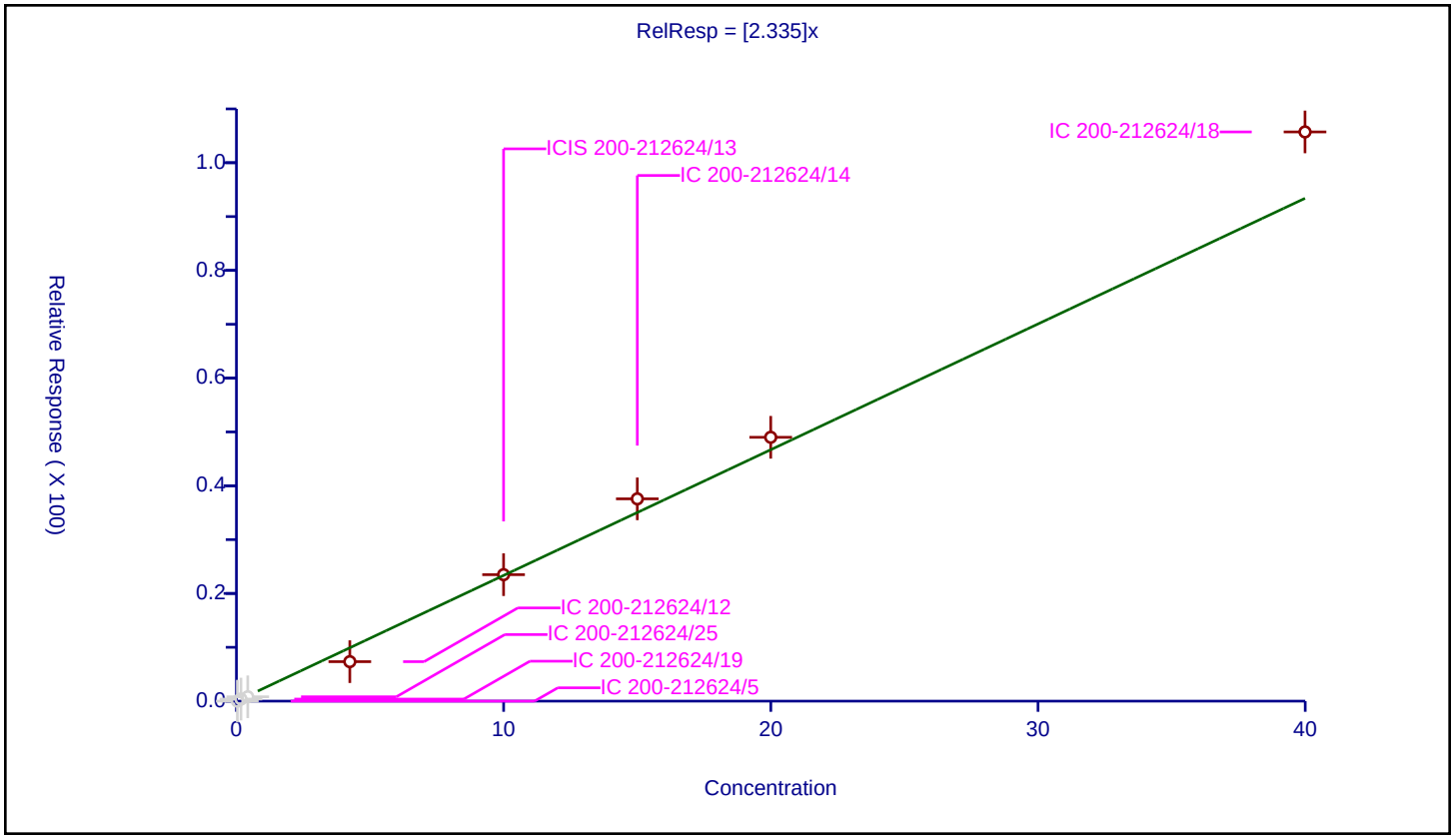
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.335 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.385278 | 10.0 | 175795.0 | 2.261372 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.811063 | 10.0 | 176842.0 | 1.911226 | N |
| 4 | IC 200-212624/12 | 4.243678 | 7.334375 | 10.0 | 160619.0 | 1.728306 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 23.488852 | 10.0 | 166089.0 | 2.349341 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 37.571303 | 10.0 | 172327.0 | 2.50416 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 49.003234 | 10.0 | 178116.0 | 2.450637 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 105.723117 | 10.0 | 181022.0 | 2.643591 | Y |



## Calibration / Acrylonitrile

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

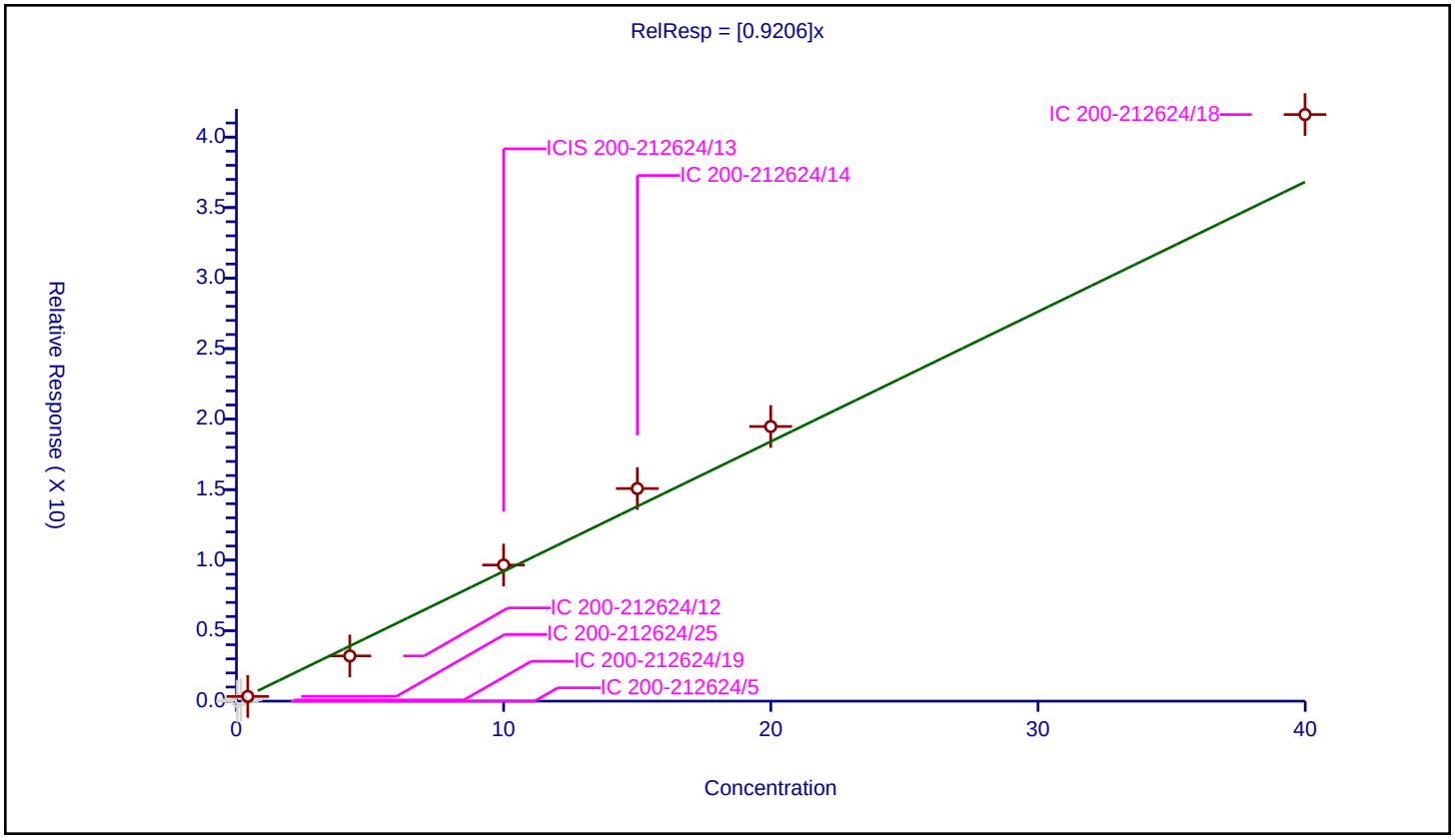
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9206 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.088683 | 10.0 | 175795.0 | 0.520519 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.332613 | 10.0 | 176842.0 | 0.783785 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.205598 | 10.0 | 160619.0 | 0.755382 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 9.653559 | 10.0 | 166089.0 | 0.965543 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 15.076395 | 10.0 | 172327.0 | 1.004855 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 19.476689 | 10.0 | 178116.0 | 0.974023 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 41.599695 | 10.0 | 181022.0 | 1.040194 | Y |



## Calibration / trans-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

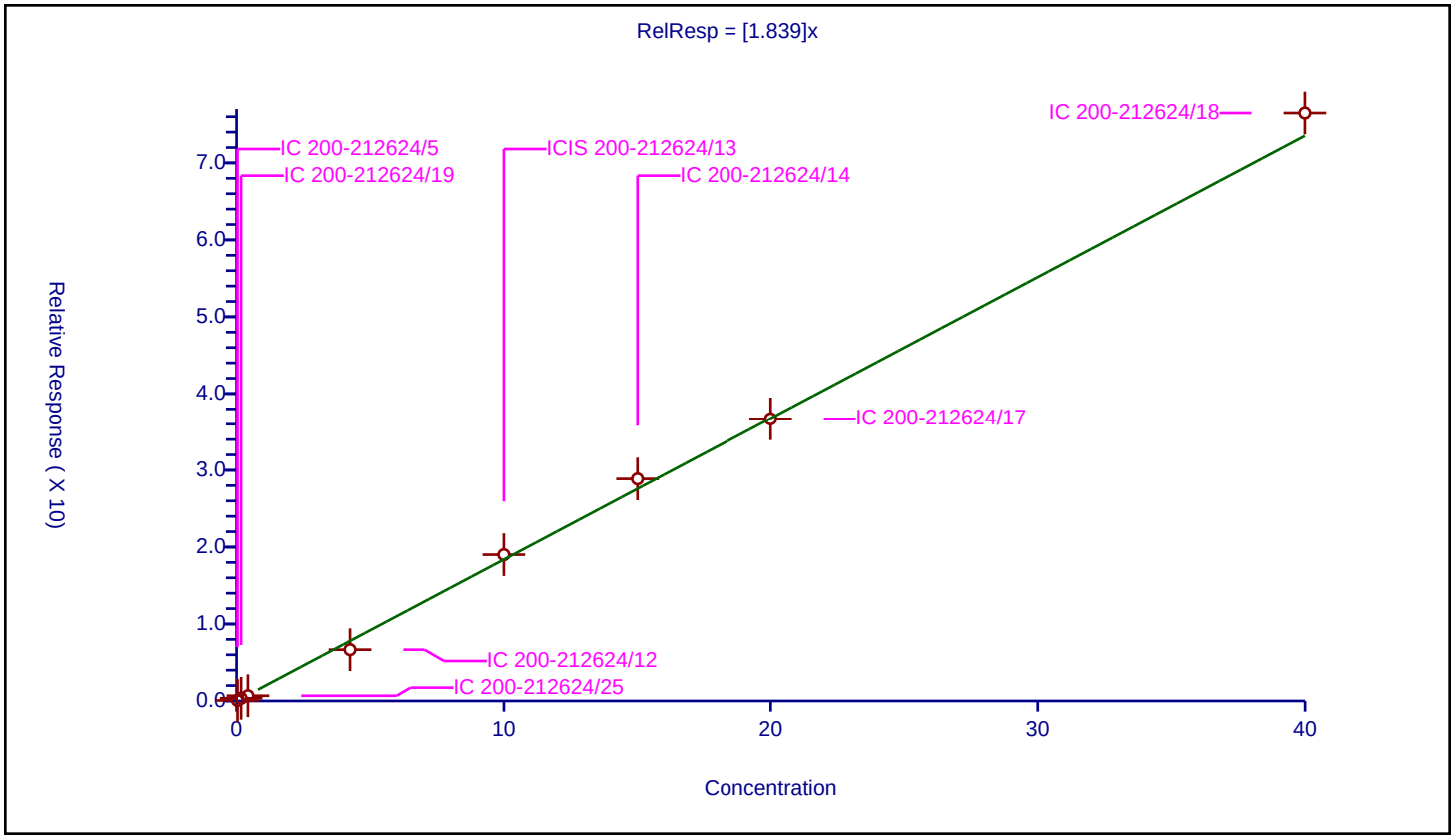
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.839 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.067419 | 10.0 | 162565.0 | 1.922037 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.347109 | 10.0 | 175795.0 | 2.037338 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.681116 | 10.0 | 176842.0 | 1.605014 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 6.664405 | 10.0 | 160619.0 | 1.570431 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 19.014986 | 10.0 | 166089.0 | 1.901868 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 28.875626 | 10.0 | 172327.0 | 1.924585 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 36.705012 | 10.0 | 178116.0 | 1.835607 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 76.479433 | 10.0 | 181022.0 | 1.912357 | Y |



## Calibration / Methyl tert-butyl ether

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

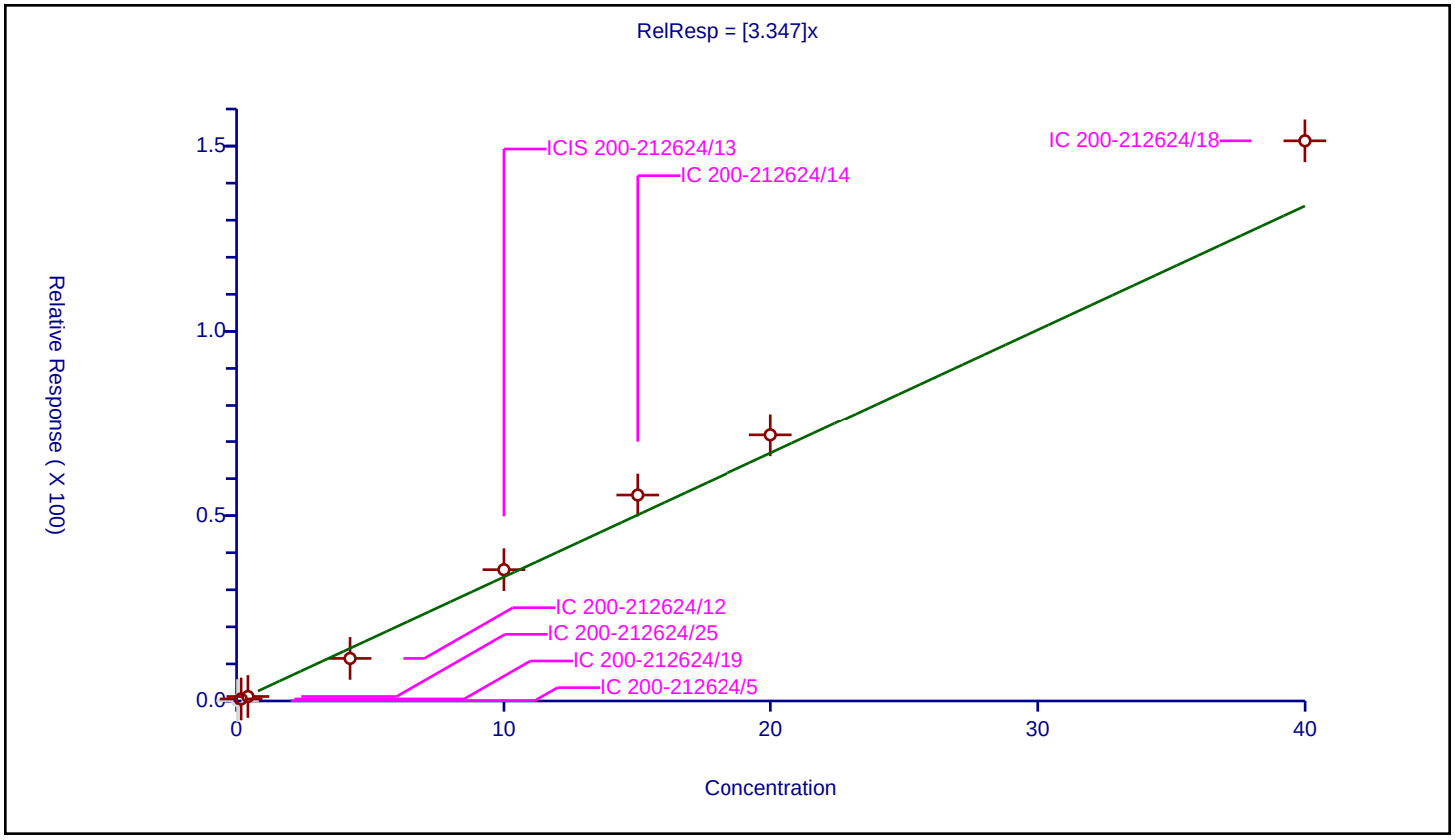
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 3.347 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.106604 | 10.0 | 162565.0 | 3.039134 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.552234 | 10.0 | 175795.0 | 3.241311 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 1.210855 | 10.0 | 176842.0 | 2.853314 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 11.486624 | 10.0 | 160619.0 | 2.706761 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 35.431666 | 10.0 | 166089.0 | 3.543854 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 55.571385 | 10.0 | 172327.0 | 3.703881 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 71.814829 | 10.0 | 178116.0 | 3.591438 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 151.417563 | 10.0 | 181022.0 | 3.786174 | Y |



## Calibration / Hexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

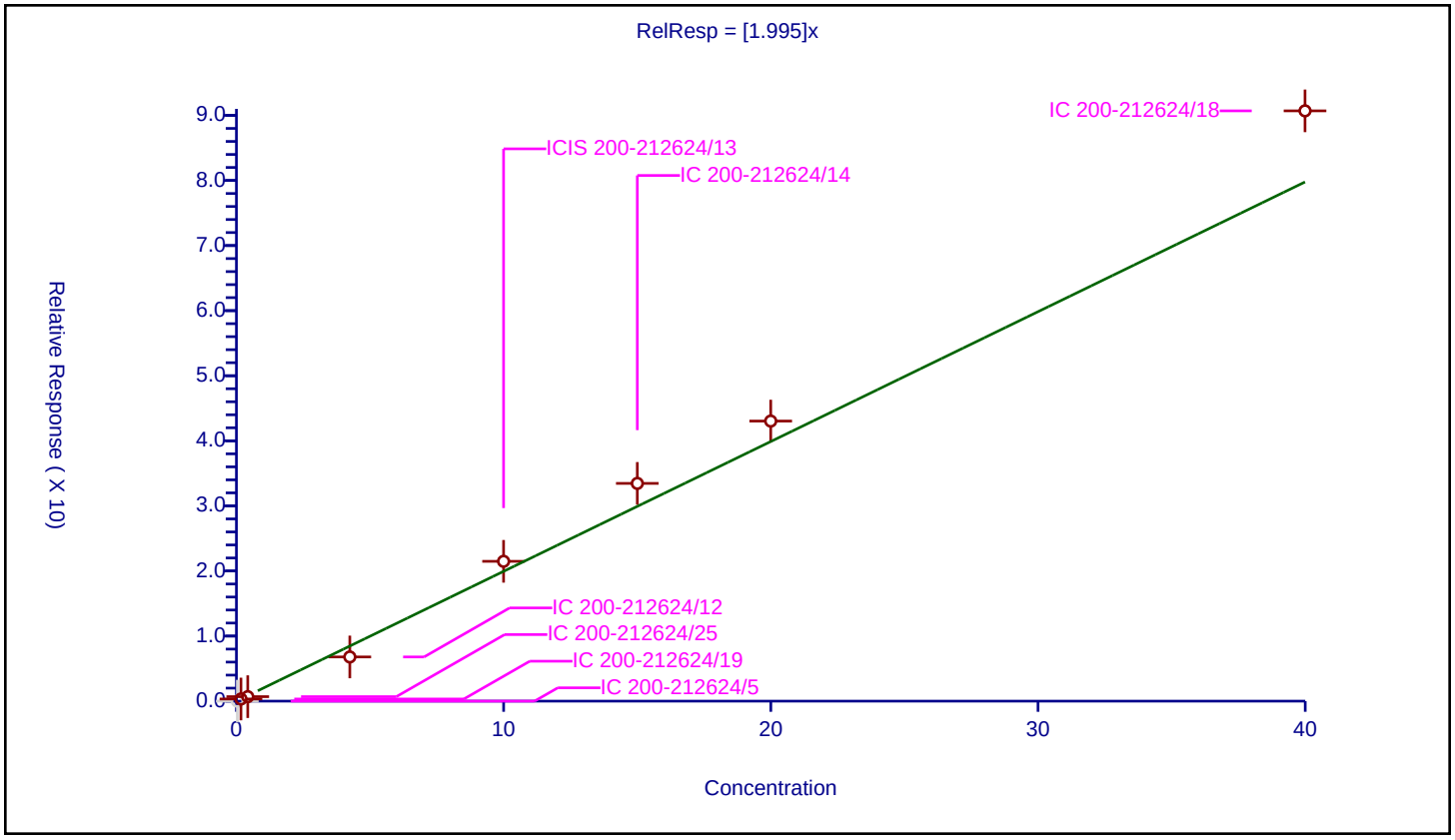
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.995 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.331011 | 10.0 | 175795.0 | 1.94285 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.687676 | 10.0 | 176842.0 | 1.620472 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 6.791849 | 10.0 | 160619.0 | 1.600463 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 21.484445 | 10.0 | 166089.0 | 2.148861 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 33.455814 | 10.0 | 172327.0 | 2.229859 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 43.03162 | 10.0 | 178116.0 | 2.151999 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 90.69776 | 10.0 | 181022.0 | 2.267884 | Y |



## Calibration / 1,1-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

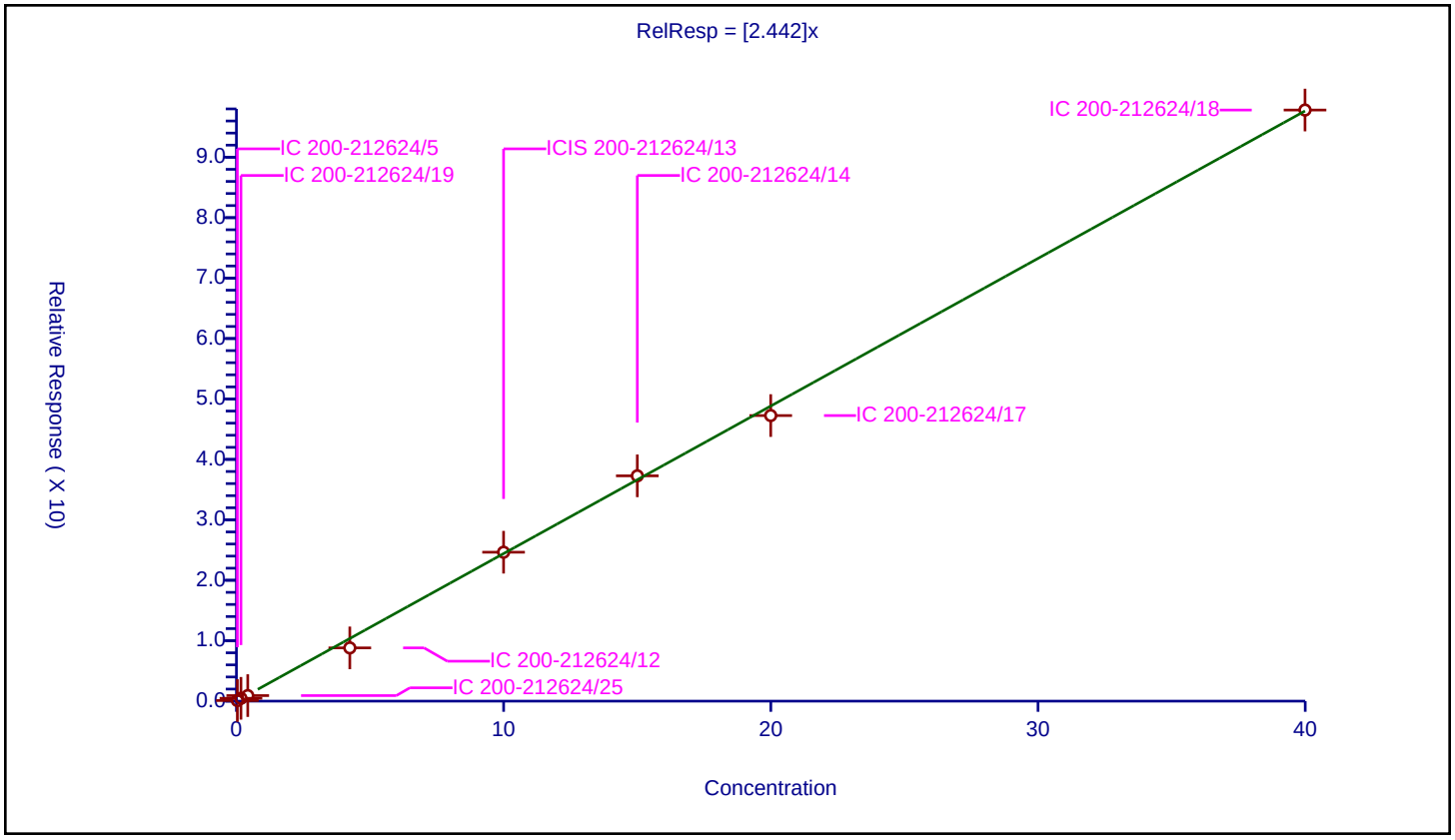
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.442 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.097561 | 10.0 | 162565.0 | 2.781342 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.46833 | 10.0 | 175795.0 | 2.748837 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.920879 | 10.0 | 176842.0 | 2.170001 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 8.810664 | 10.0 | 160619.0 | 2.076186 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 24.642812 | 10.0 | 166089.0 | 2.464759 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 37.280693 | 10.0 | 172327.0 | 2.48479 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 47.257574 | 10.0 | 178116.0 | 2.363337 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 97.80999 | 10.0 | 181022.0 | 2.445724 | Y |



## Calibration / Vinyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

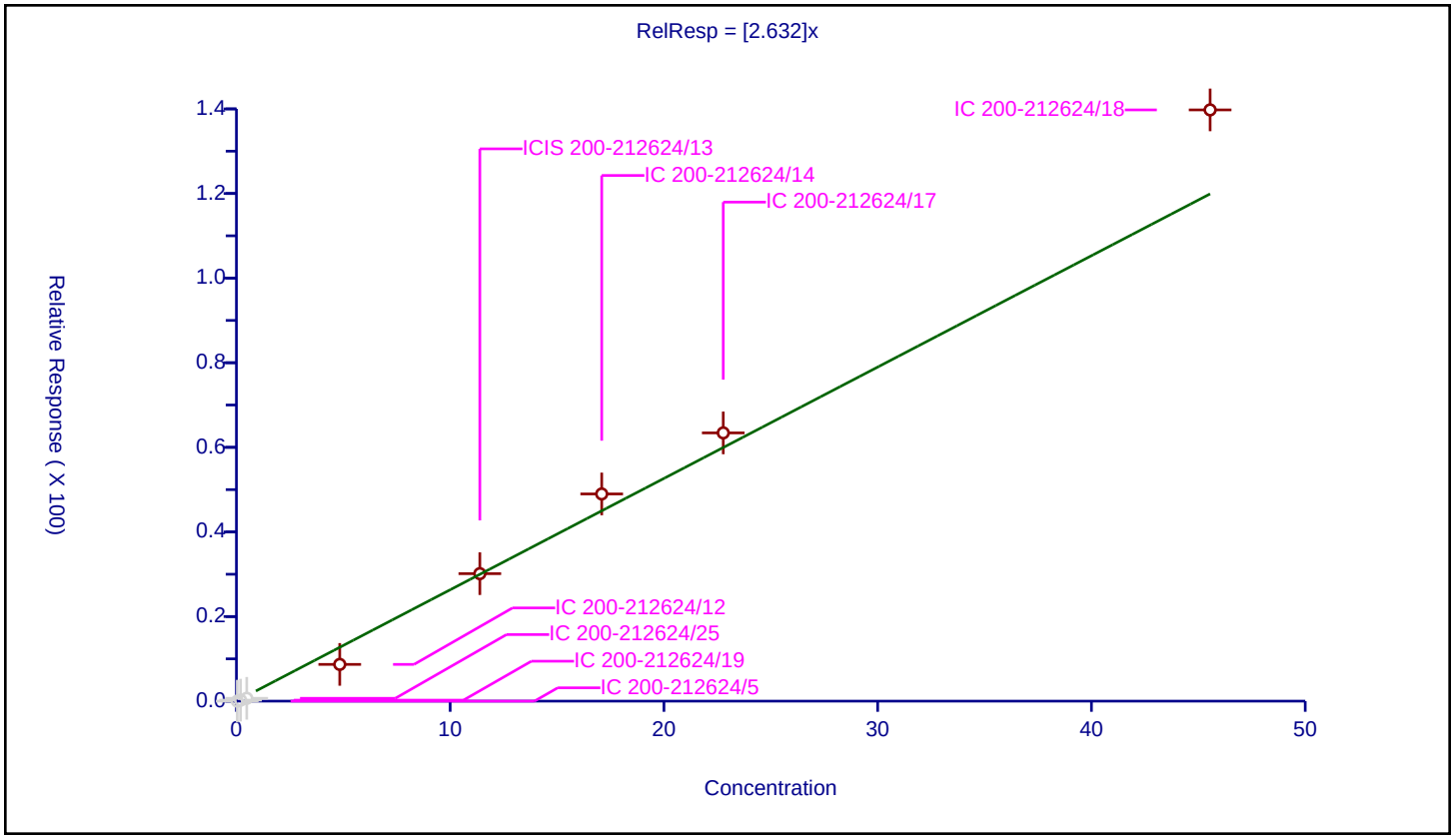
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.632 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.039953 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.194056 | 0.236355 | 10.0 | 175795.0 | 1.217974 | N |
| 3 | IC 200-212624/25 | 0.483355 | 0.667488 | 10.0 | 176842.0 | 1.380949 | N |
| 4 | IC 200-212624/12 | 4.83355 | 8.68627 | 10.0 | 160619.0 | 1.797079 | Y |
| 5 | ICIS 200-212624/13 | 11.38779 | 30.135951 | 10.0 | 166089.0 | 2.646339 | Y |
| 6 | IC 200-212624/14 | 17.089051 | 48.977525 | 10.0 | 172327.0 | 2.866018 | Y |
| 7 | IC 200-212624/17 | 22.77558 | 63.411822 | 10.0 | 178116.0 | 2.784202 | Y |
| 8 | IC 200-212624/18 | 45.551161 | 139.761024 | 10.0 | 181022.0 | 3.068221 | Y |



## Calibration / 2-Butanone (MEK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

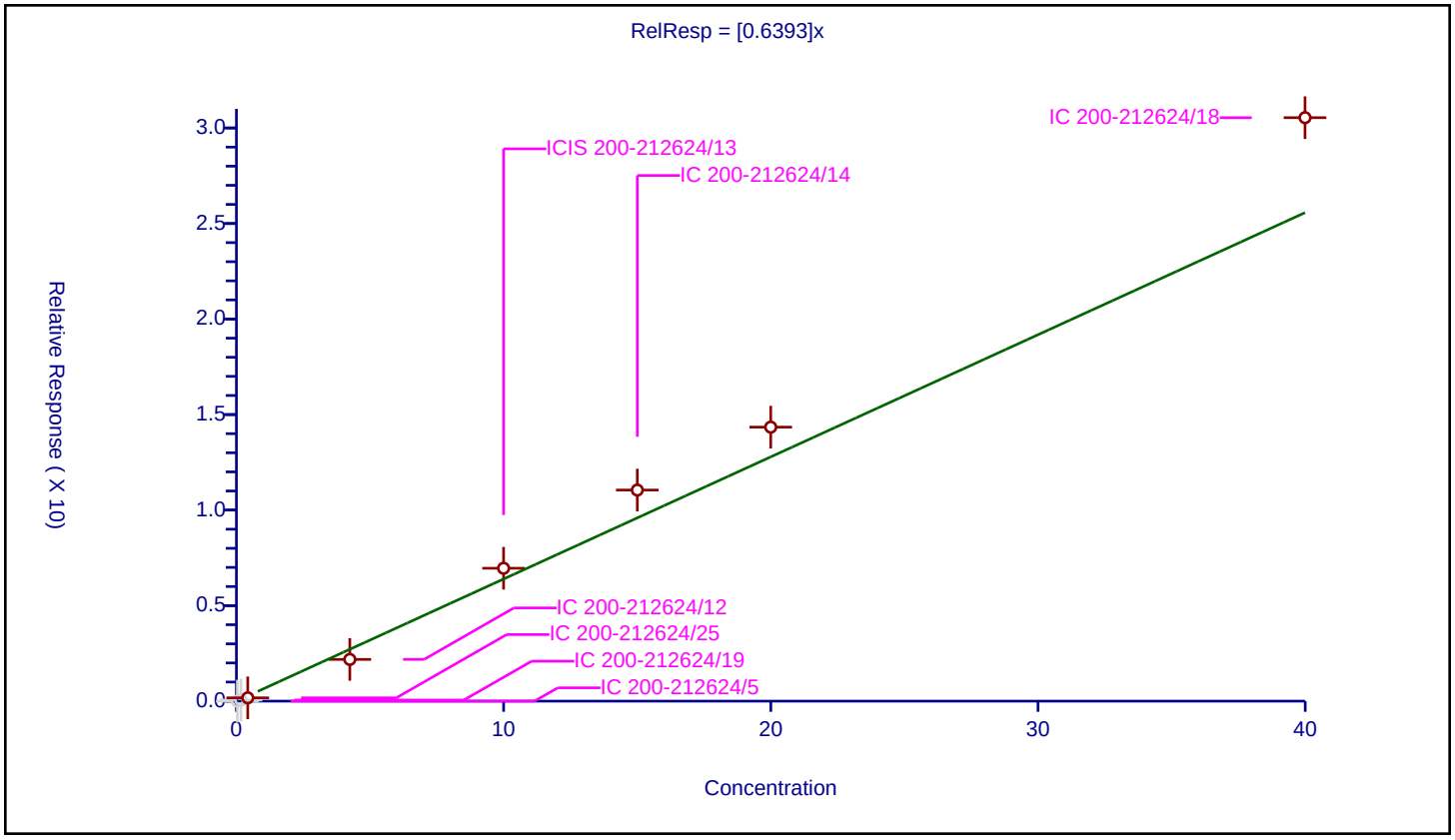
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6393 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 22.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.05825 | 10.0 | 175795.0 | 0.341893 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.173262 | 10.0 | 176842.0 | 0.408283 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.183988 | 10.0 | 160619.0 | 0.514645 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 6.955789 | 10.0 | 166089.0 | 0.695714 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 11.048704 | 10.0 | 172327.0 | 0.736406 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 14.342226 | 10.0 | 178116.0 | 0.71725 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 30.539492 | 10.0 | 181022.0 | 0.763635 | Y |



## Calibration / cis-1,2-Dichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

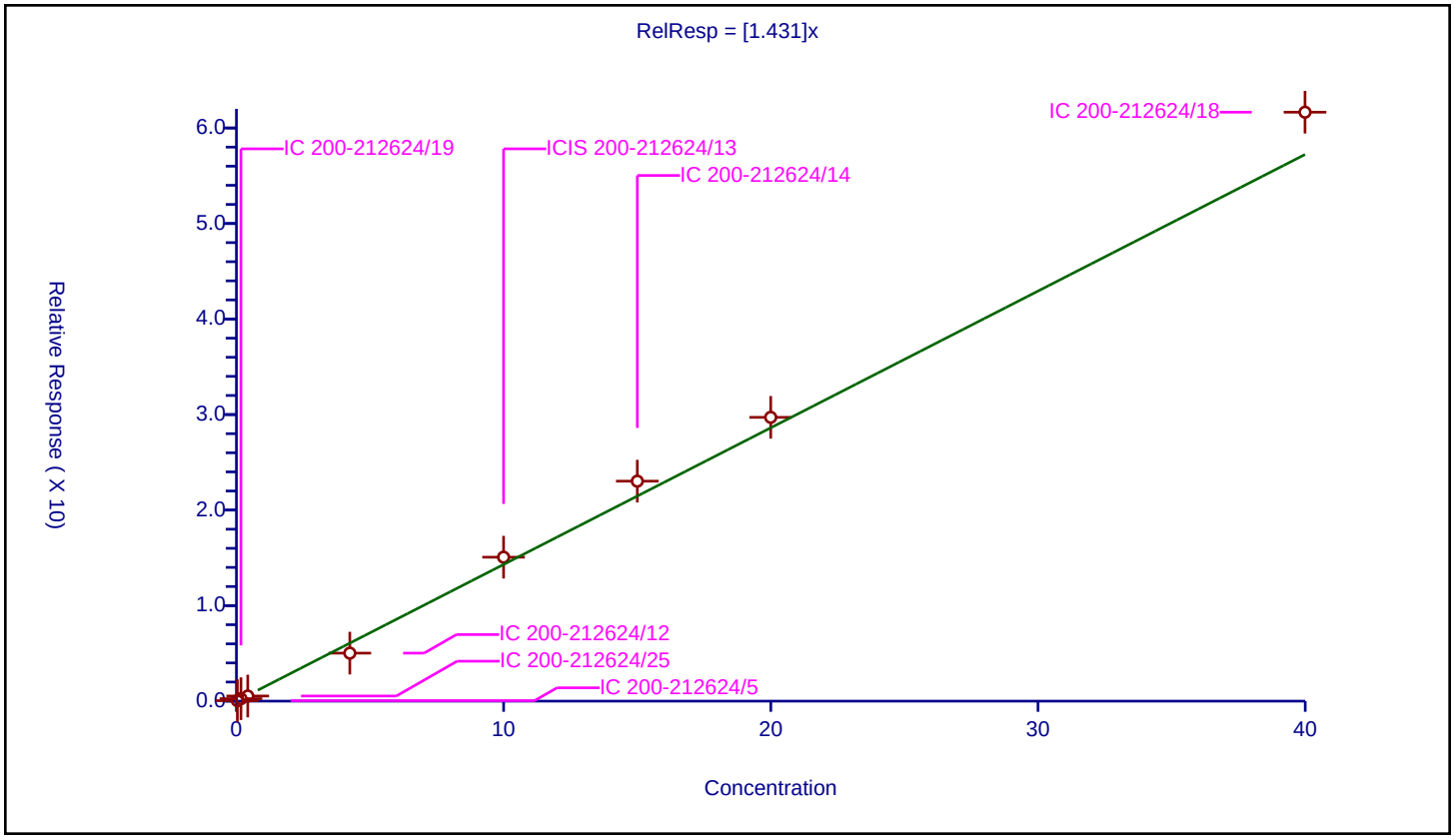
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.431 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.04958 | 10.0 | 162565.0 | 1.413469 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.258312 | 10.0 | 175795.0 | 1.516151 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.536298 | 10.0 | 176842.0 | 1.263757 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.026678 | 10.0 | 160619.0 | 1.18451 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.069451 | 10.0 | 166089.0 | 1.507237 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 23.029067 | 10.0 | 172327.0 | 1.534907 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 29.709291 | 10.0 | 178116.0 | 1.485753 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 61.655047 | 10.0 | 181022.0 | 1.541675 | Y |



## Calibration / Ethyl acetate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

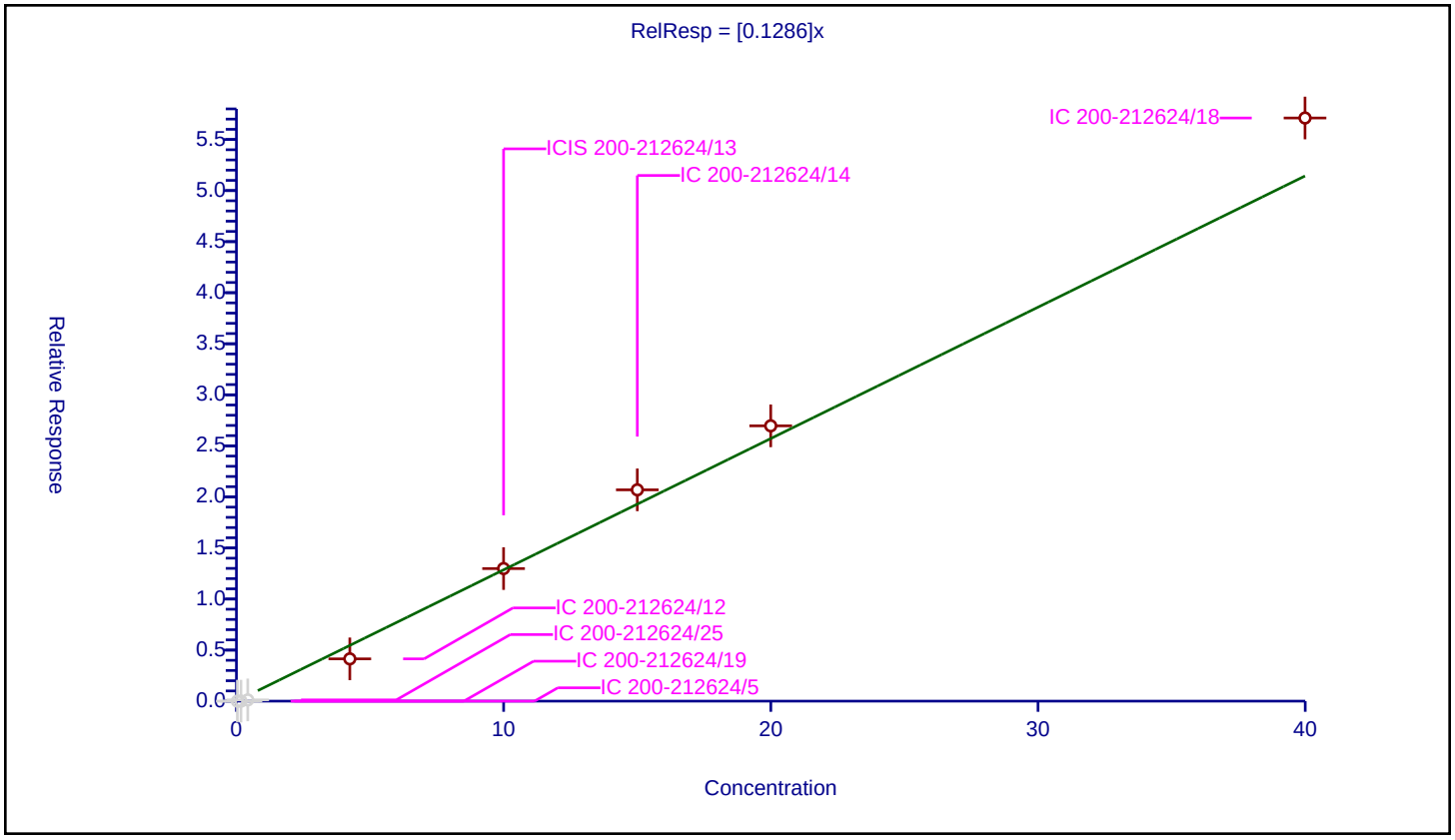
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1286 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 162565.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.0 | 10.0 | 175795.0 | 0.0 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.012045 | 10.0 | 176842.0 | 0.028383 | N |
| 4 | IC 200-212624/12 | 4.243678 | 0.414086 | 10.0 | 160619.0 | 0.097577 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 1.29834 | 10.0 | 166089.0 | 0.129859 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 2.069438 | 10.0 | 172327.0 | 0.13793 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 2.69622 | 10.0 | 178116.0 | 0.134837 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 5.710798 | 10.0 | 181022.0 | 0.142798 | Y |



## Calibration / Tetrahydrofuran

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

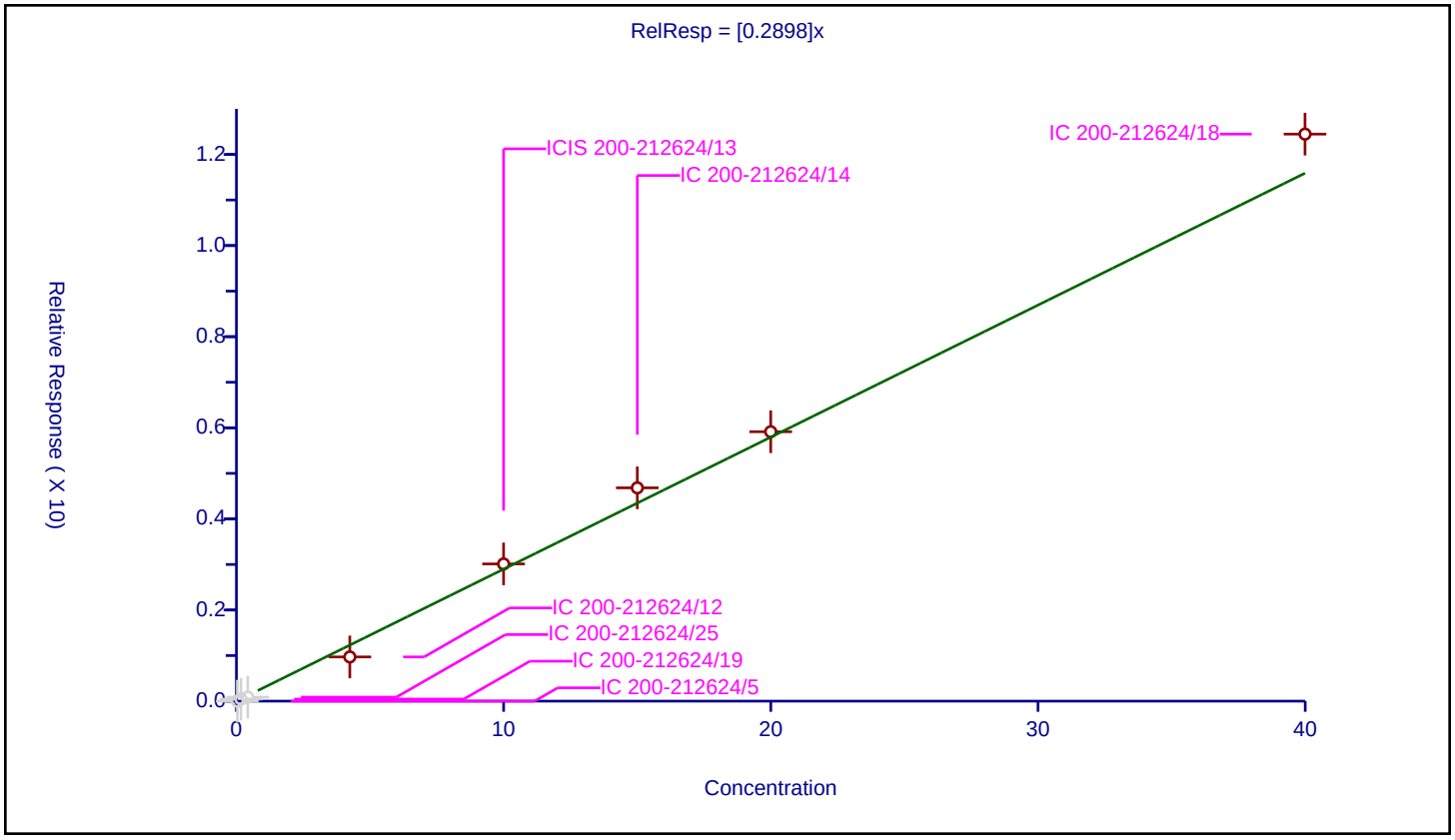
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2898 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.045866 | 10.0 | 885625.0 | 0.269208 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.087344 | 10.0 | 898859.0 | 0.205822 | N |
| 4 | IC 200-212624/12 | 4.243678 | 0.970359 | 10.0 | 809051.0 | 0.22866 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.01152 | 10.0 | 835711.0 | 0.30121 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 4.681935 | 10.0 | 867622.0 | 0.312055 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 5.913828 | 10.0 | 903709.0 | 0.295749 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 12.446236 | 10.0 | 917761.0 | 0.311216 | Y |



## Calibration / Chloroform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

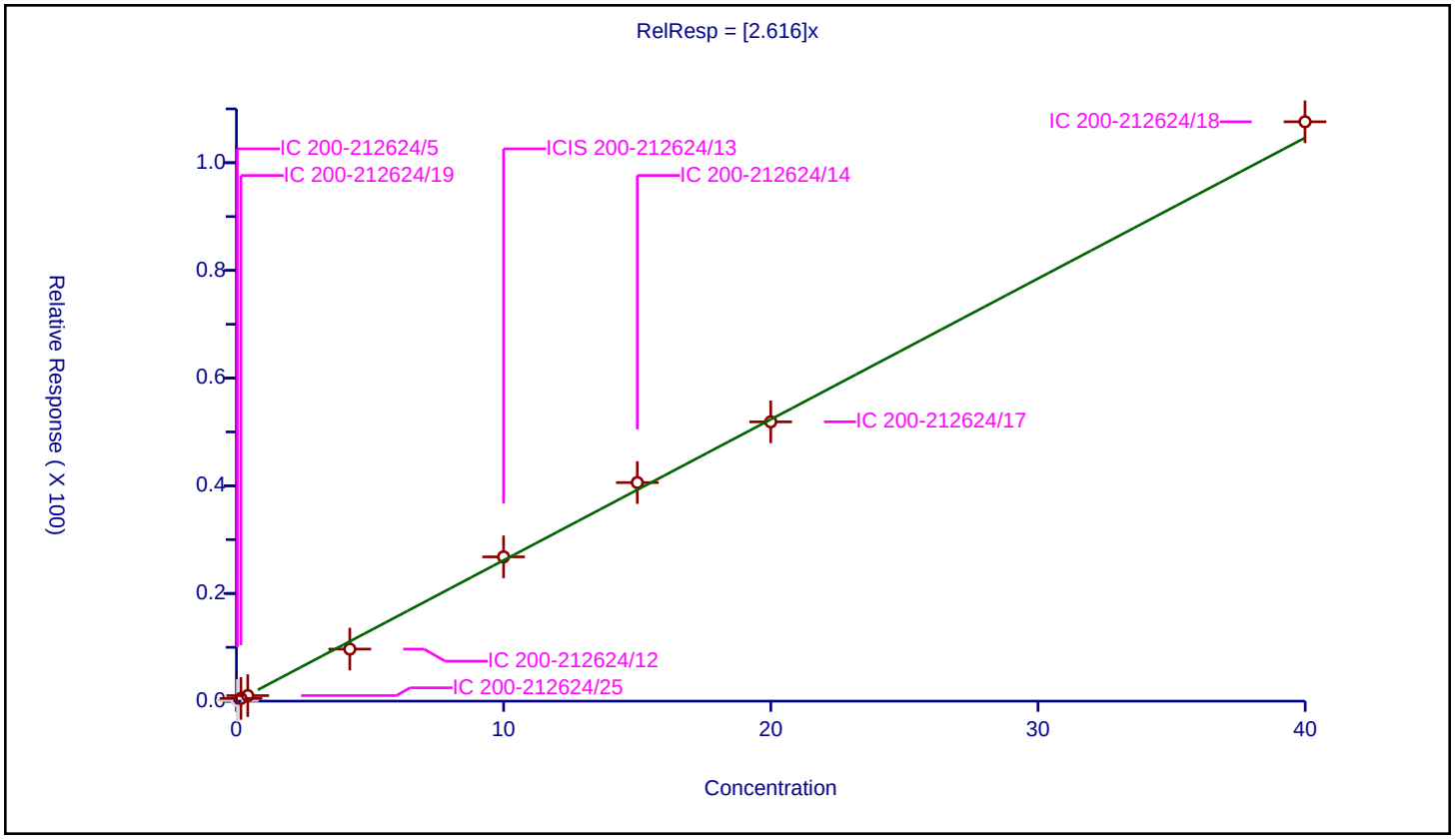
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.616 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.118168 | 10.0 | 162565.0 | 3.368826 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.502403 | 10.0 | 175795.0 | 2.948831 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 1.025096 | 10.0 | 176842.0 | 2.415583 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 9.668159 | 10.0 | 160619.0 | 2.27825 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 26.800872 | 10.0 | 166089.0 | 2.680607 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 40.595554 | 10.0 | 172327.0 | 2.705729 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 51.873667 | 10.0 | 178116.0 | 2.594187 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 107.603717 | 10.0 | 181022.0 | 2.690615 | Y |



## Calibration / 1,1,1-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

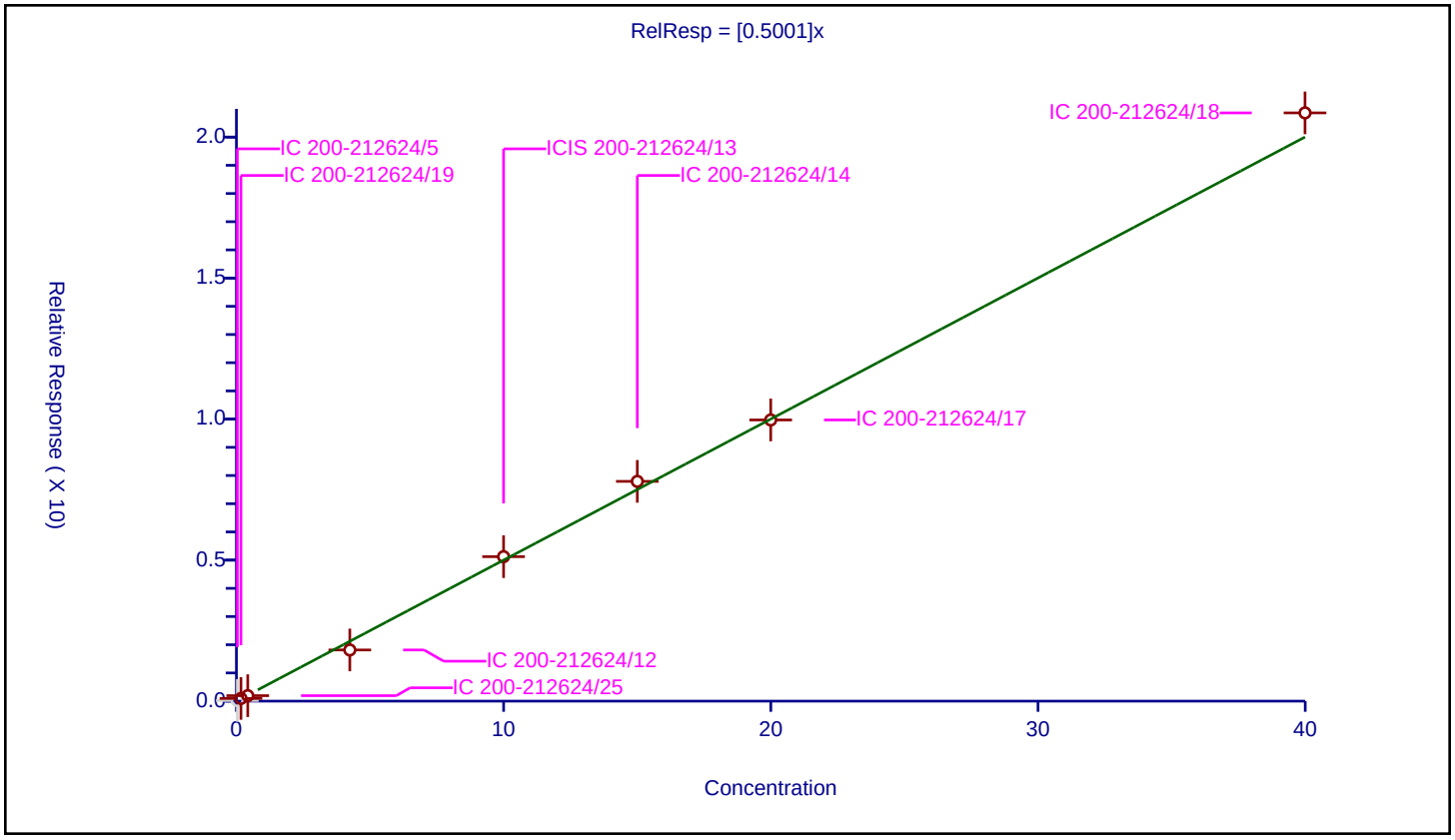
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.022621 | 10.0 | 798826.0 | 0.644888 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.096034 | 10.0 | 885625.0 | 0.563666 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.194224 | 10.0 | 898859.0 | 0.457678 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.814706 | 10.0 | 809051.0 | 0.427626 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.122979 | 10.0 | 835711.0 | 0.512397 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 7.793002 | 10.0 | 867622.0 | 0.51941 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 9.970068 | 10.0 | 903709.0 | 0.4986 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 20.858284 | 10.0 | 917761.0 | 0.521558 | Y |



## Calibration / Cyclohexane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

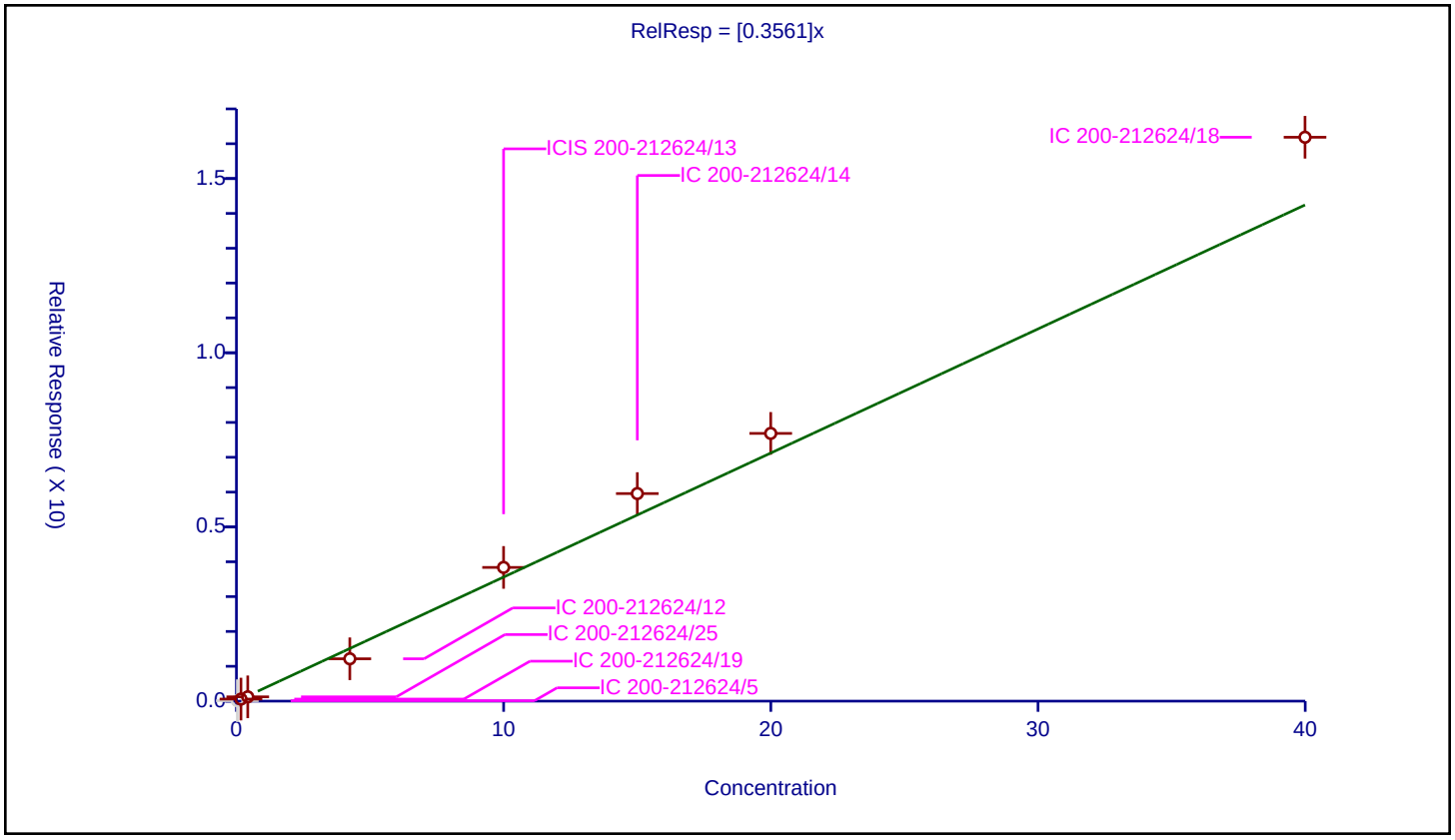
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3561 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.012406 | 10.0 | 798826.0 | 0.353671 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.058862 | 10.0 | 885625.0 | 0.34549 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.123401 | 10.0 | 898859.0 | 0.290788 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.216215 | 10.0 | 809051.0 | 0.286595 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.837858 | 10.0 | 835711.0 | 0.38386 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 5.95794 | 10.0 | 867622.0 | 0.397102 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 7.685483 | 10.0 | 903709.0 | 0.384349 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 16.186077 | 10.0 | 917761.0 | 0.40473 | Y |



## Calibration / Carbon tetrachloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

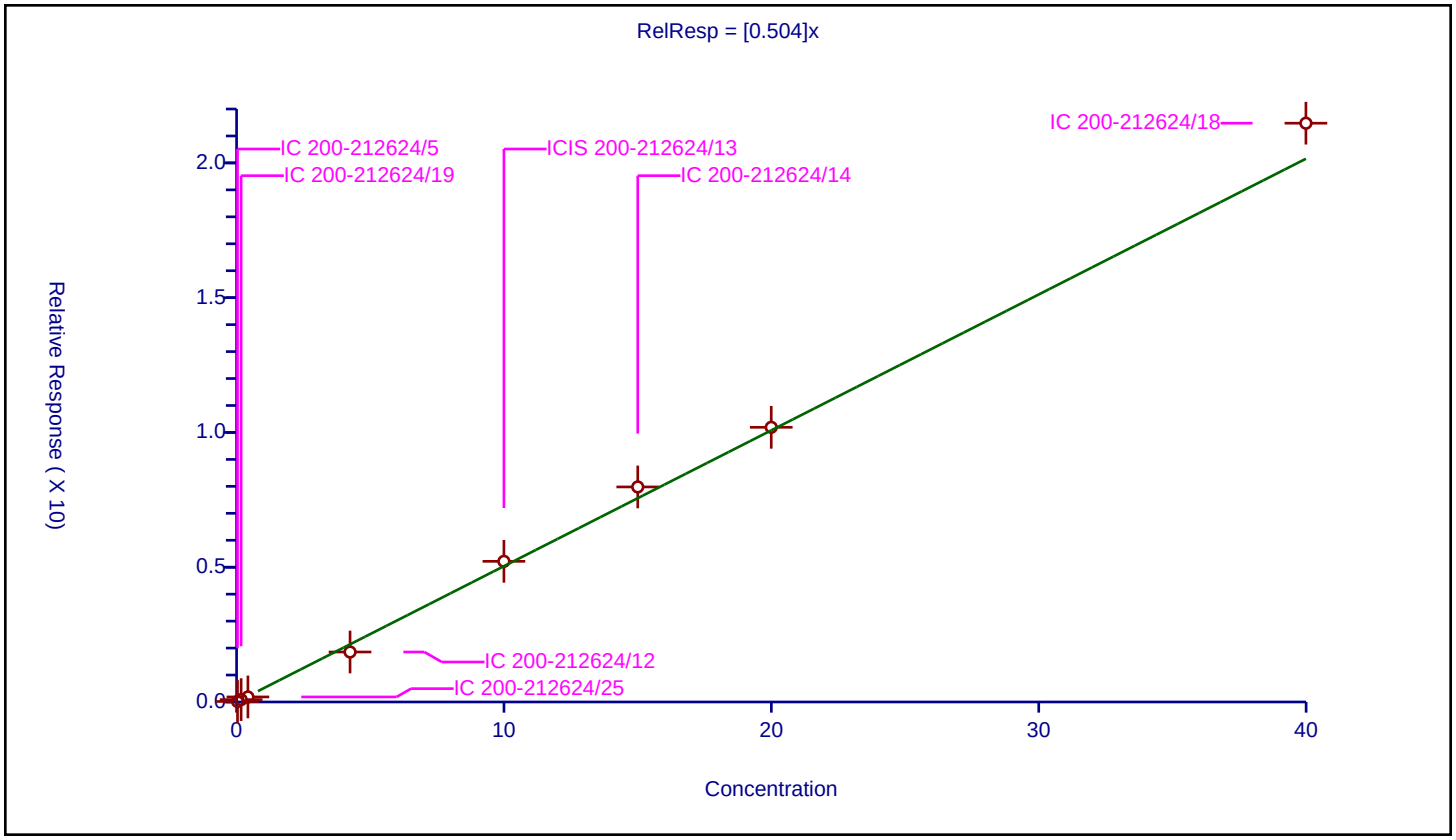
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.504 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.018928 | 10.0 | 798826.0 | 0.539607 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.087418 | 10.0 | 885625.0 | 0.513098 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.187449 | 10.0 | 898859.0 | 0.441713 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.854691 | 10.0 | 809051.0 | 0.437048 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.218407 | 10.0 | 835711.0 | 0.521942 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 7.978394 | 10.0 | 867622.0 | 0.531767 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 10.19098 | 10.0 | 903709.0 | 0.509648 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 21.47351 | 10.0 | 917761.0 | 0.536942 | Y |



## Calibration / Benzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

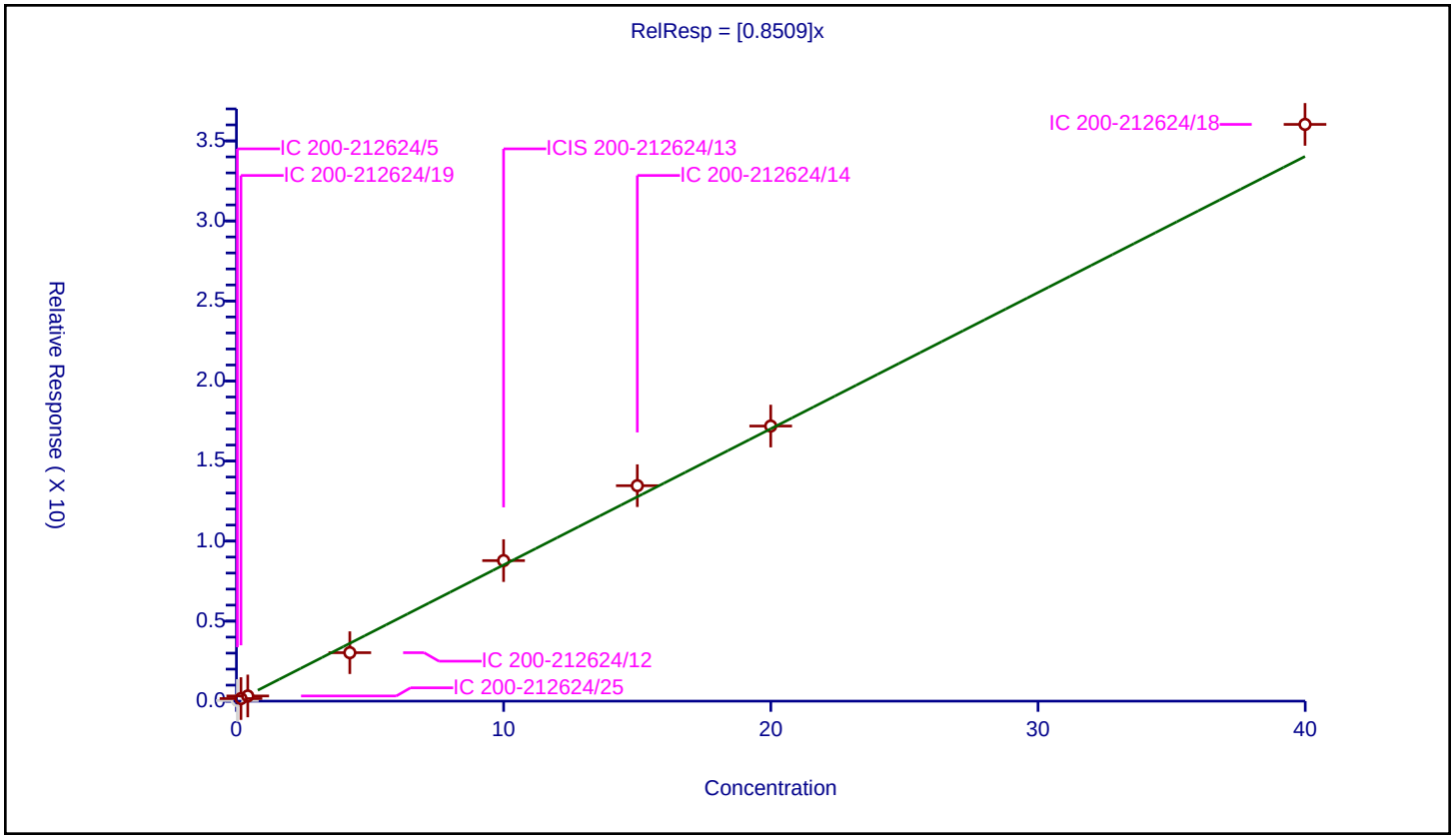
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8509 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.039896 | 10.0 | 798826.0 | 1.137387 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.16096 | 10.0 | 885625.0 | 0.944745 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.323577 | 10.0 | 898859.0 | 0.762492 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.027868 | 10.0 | 809051.0 | 0.713501 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 8.778956 | 10.0 | 835711.0 | 0.878066 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 13.460055 | 10.0 | 867622.0 | 0.897124 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 17.185156 | 10.0 | 903709.0 | 0.859425 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 36.031352 | 10.0 | 917761.0 | 0.900959 | Y |



## Calibration / 1,2-Dichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

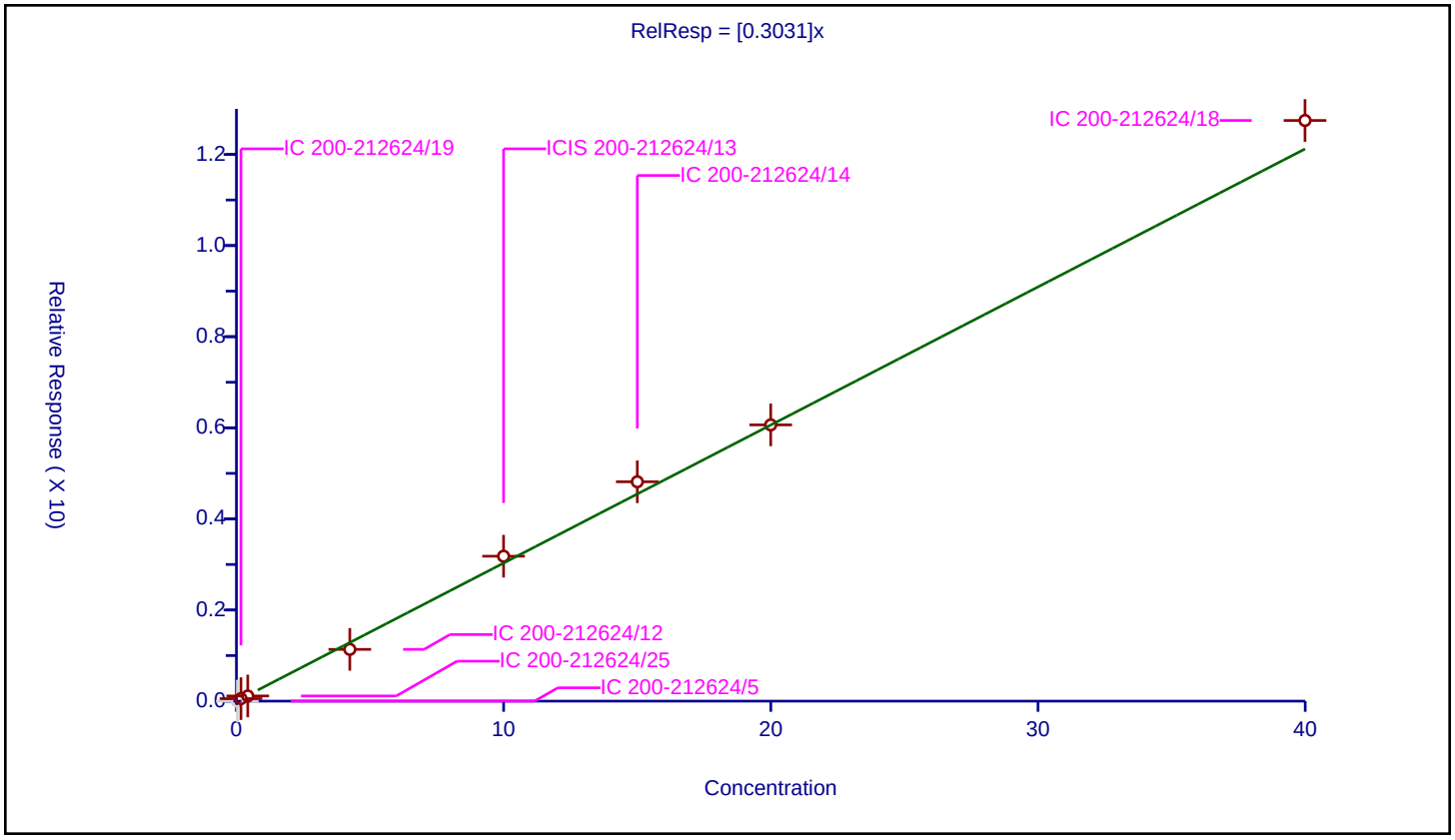
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3031 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.055351 | 10.0 | 885625.0 | 0.324878 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.113644 | 10.0 | 898859.0 | 0.267796 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.136405 | 10.0 | 809051.0 | 0.267788 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.18116 | 10.0 | 835711.0 | 0.318178 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 4.815288 | 10.0 | 867622.0 | 0.320943 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 6.064253 | 10.0 | 903709.0 | 0.303271 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 12.745573 | 10.0 | 917761.0 | 0.318701 | Y |



## Calibration / Isooctane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

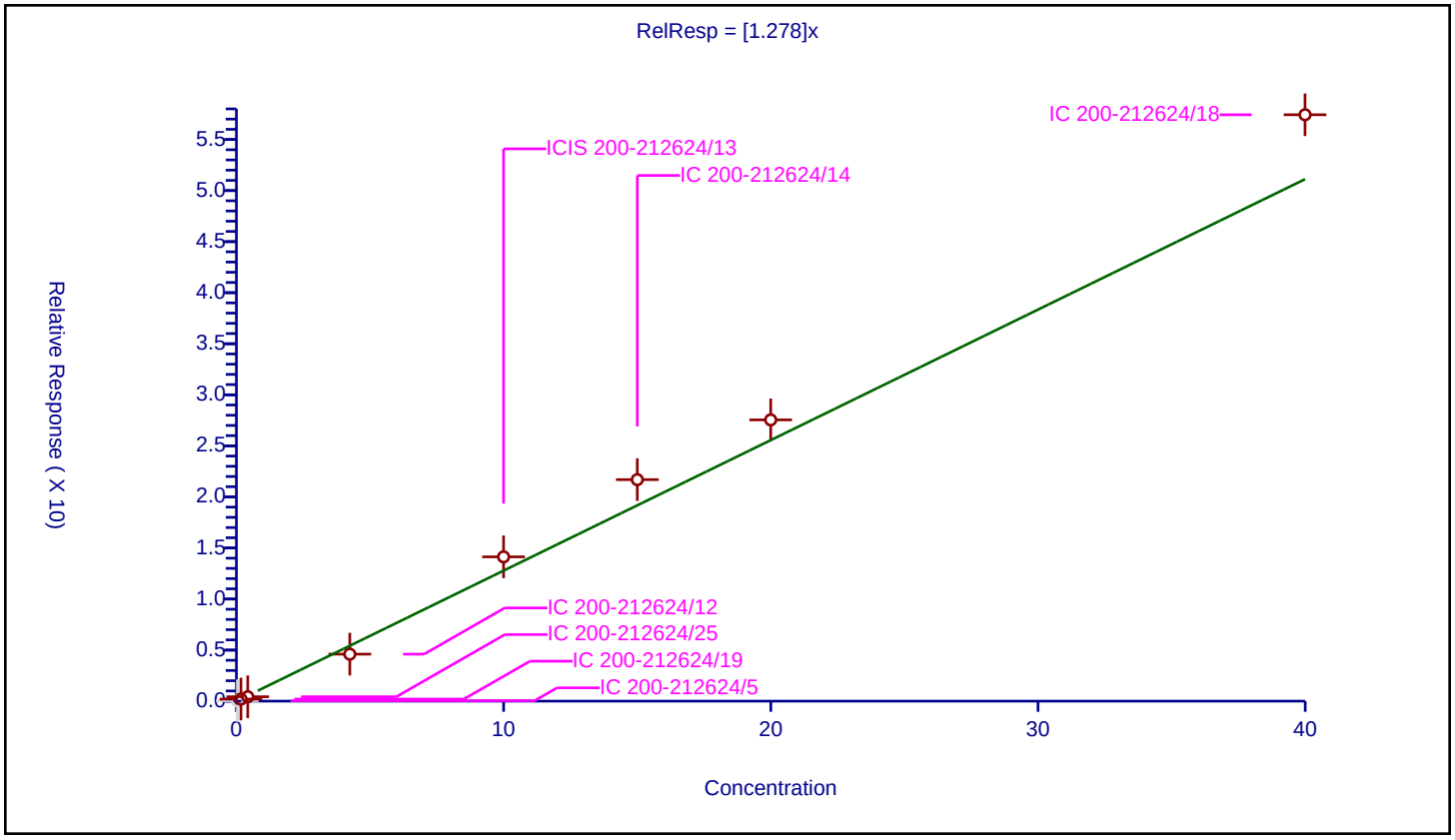
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.278 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.041223 | 10.0 | 798826.0 | 1.175216 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.200977 | 10.0 | 885625.0 | 1.179623 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.428777 | 10.0 | 898859.0 | 1.01039 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.601119 | 10.0 | 809051.0 | 1.084229 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 14.129645 | 10.0 | 835711.0 | 1.413239 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 21.692776 | 10.0 | 867622.0 | 1.445842 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 27.546301 | 10.0 | 903709.0 | 1.377582 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 57.426378 | 10.0 | 917761.0 | 1.435938 | Y |



## Calibration / n-Heptane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

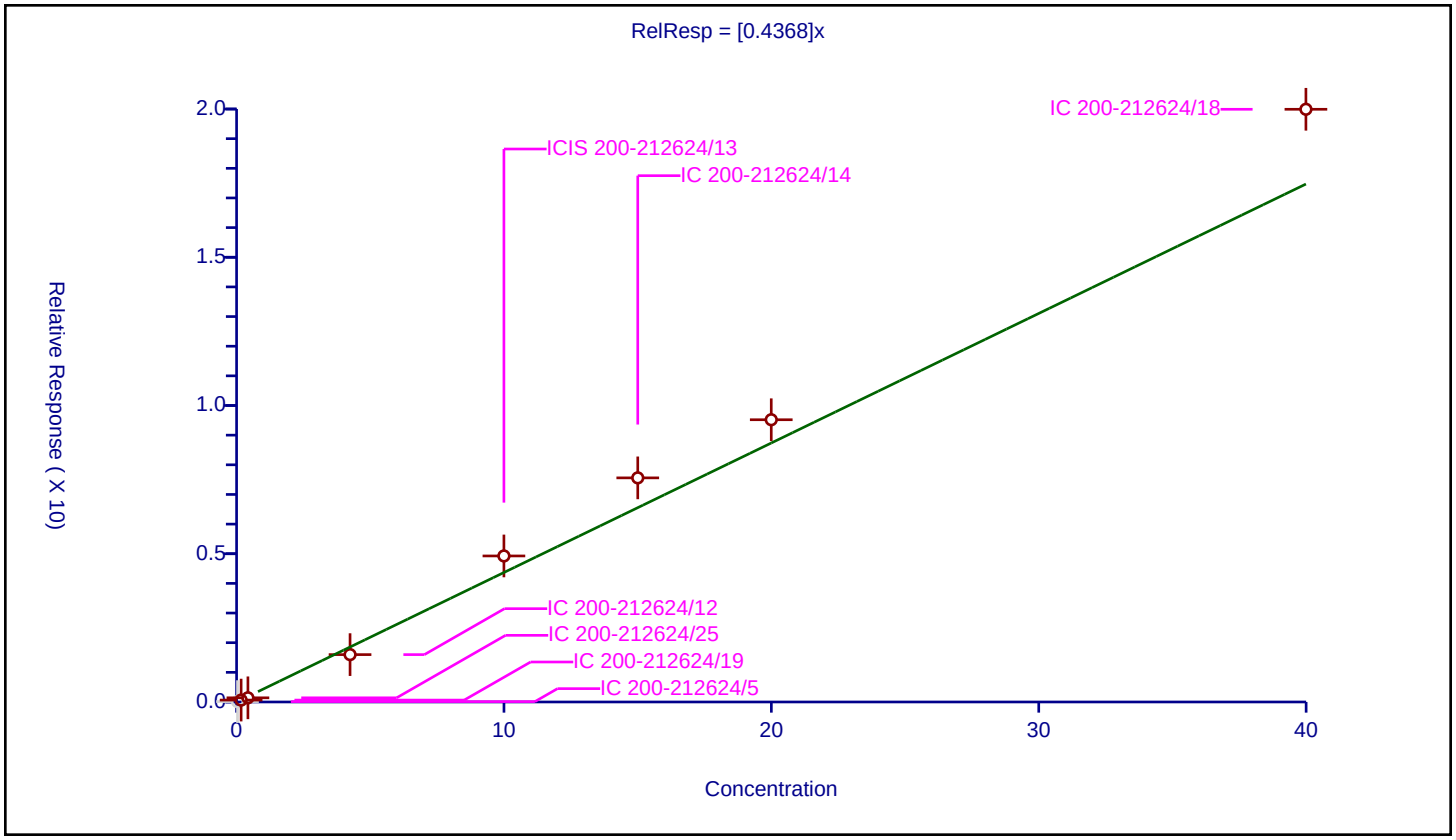
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4368 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.013244 | 10.0 | 798826.0 | 0.377582 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.064158 | 10.0 | 885625.0 | 0.376573 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.140968 | 10.0 | 898859.0 | 0.332183 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.597613 | 10.0 | 809051.0 | 0.376469 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 4.925542 | 10.0 | 835711.0 | 0.49265 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 7.559605 | 10.0 | 867622.0 | 0.503854 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 9.520343 | 10.0 | 903709.0 | 0.47611 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 19.991098 | 10.0 | 917761.0 | 0.499874 | Y |



## Calibration / n-Butanol

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

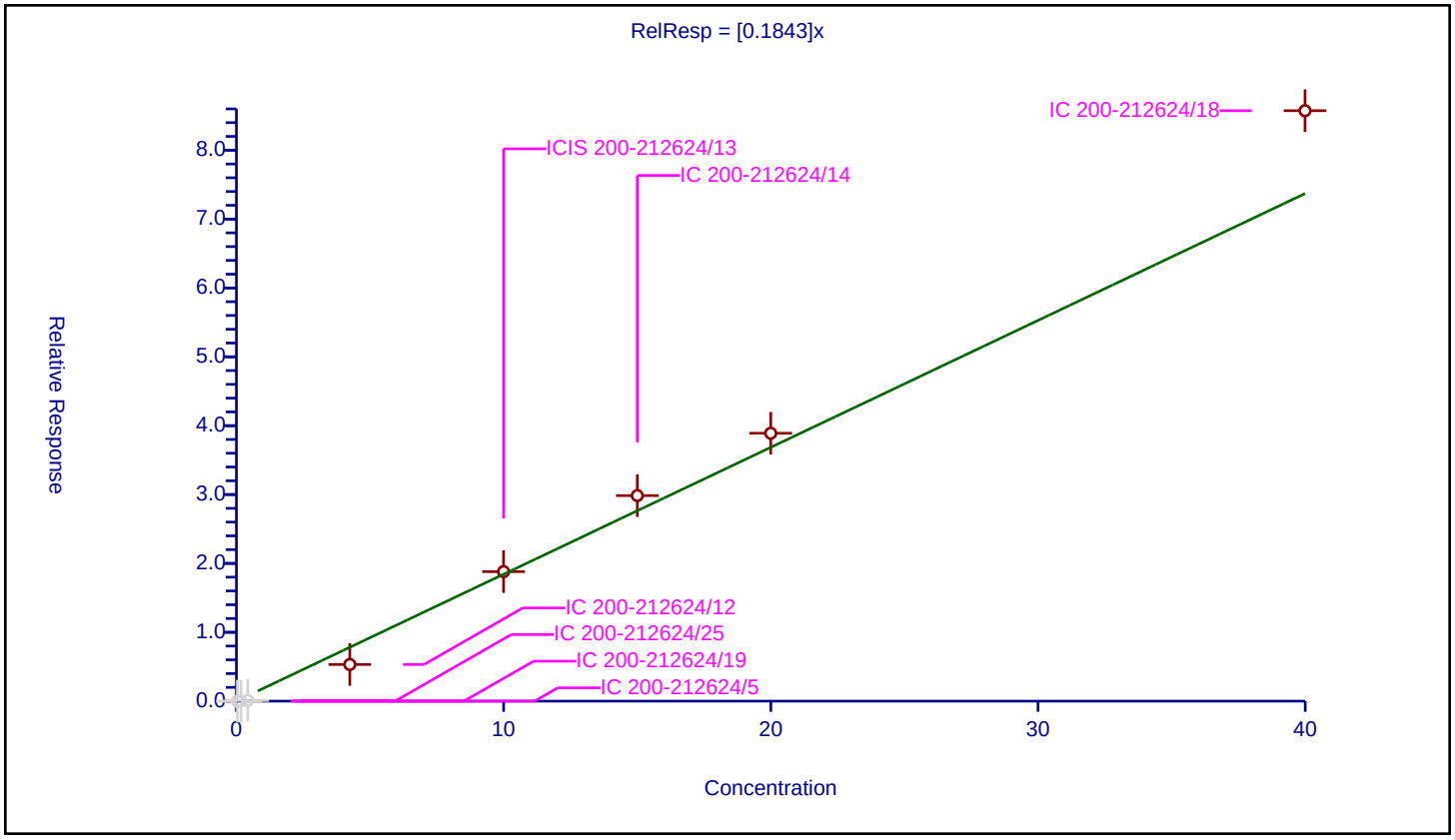
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1843 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 18.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.0 | 10.0 | 885625.0 | 0.0 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.010714 | 10.0 | 898859.0 | 0.025246 | N |
| 4 | IC 200-212624/12 | 4.243678 | 0.5325 | 10.0 | 809051.0 | 0.125481 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 1.880495 | 10.0 | 835711.0 | 0.188086 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 2.984745 | 10.0 | 867622.0 | 0.198936 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 3.890102 | 10.0 | 903709.0 | 0.194543 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 8.573637 | 10.0 | 917761.0 | 0.214383 | Y |



## Calibration / Trichloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

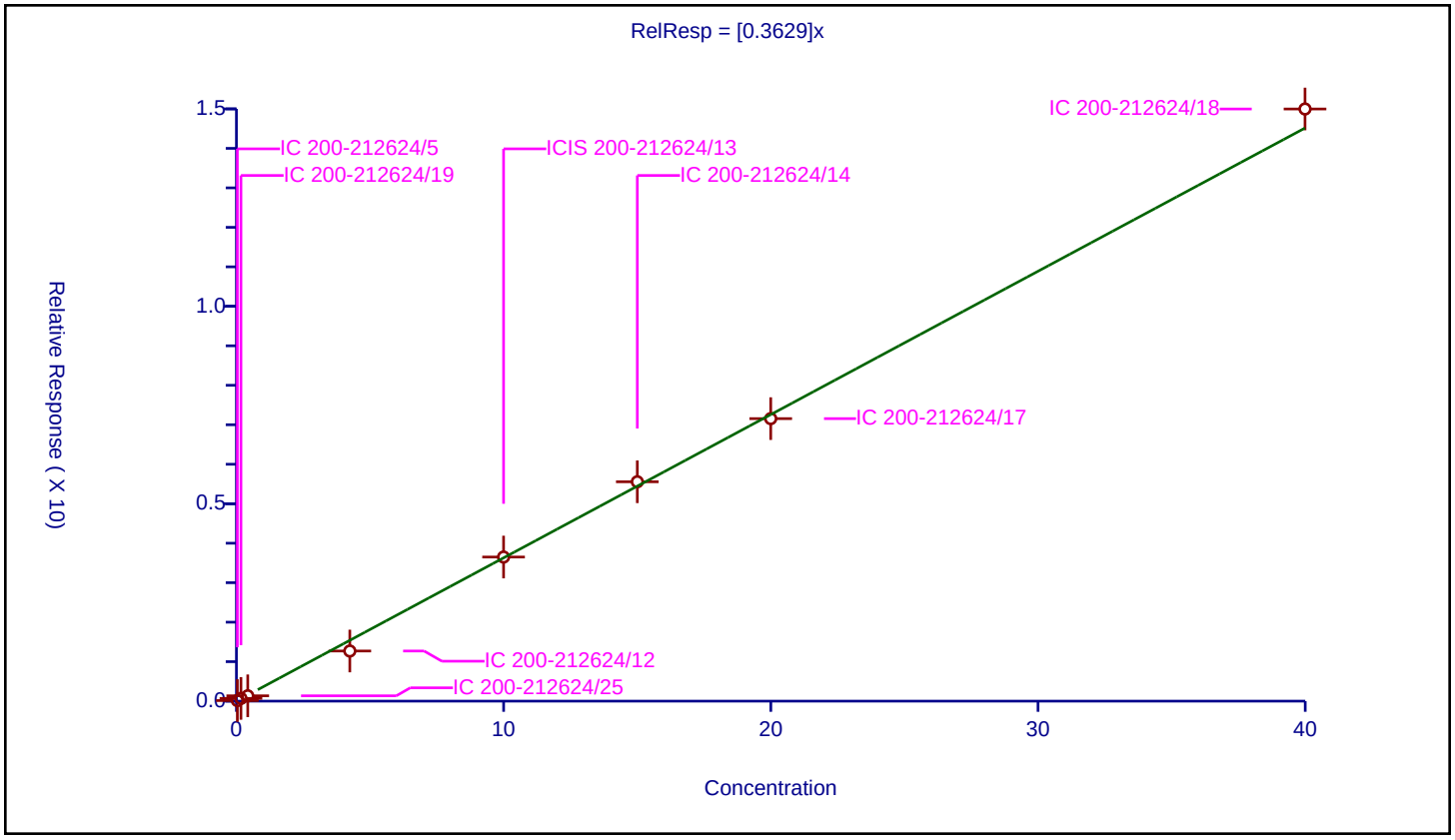
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3629 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.014496 | 10.0 | 798826.0 | 0.413271 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.068878 | 10.0 | 885625.0 | 0.404275 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.13516 | 10.0 | 898859.0 | 0.318498 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.270031 | 10.0 | 809051.0 | 0.299276 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.649647 | 10.0 | 835711.0 | 0.365036 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 5.555853 | 10.0 | 867622.0 | 0.370302 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 7.155312 | 10.0 | 903709.0 | 0.357835 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 14.997434 | 10.0 | 917761.0 | 0.375009 | Y |



## Calibration / 1,2-Dichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

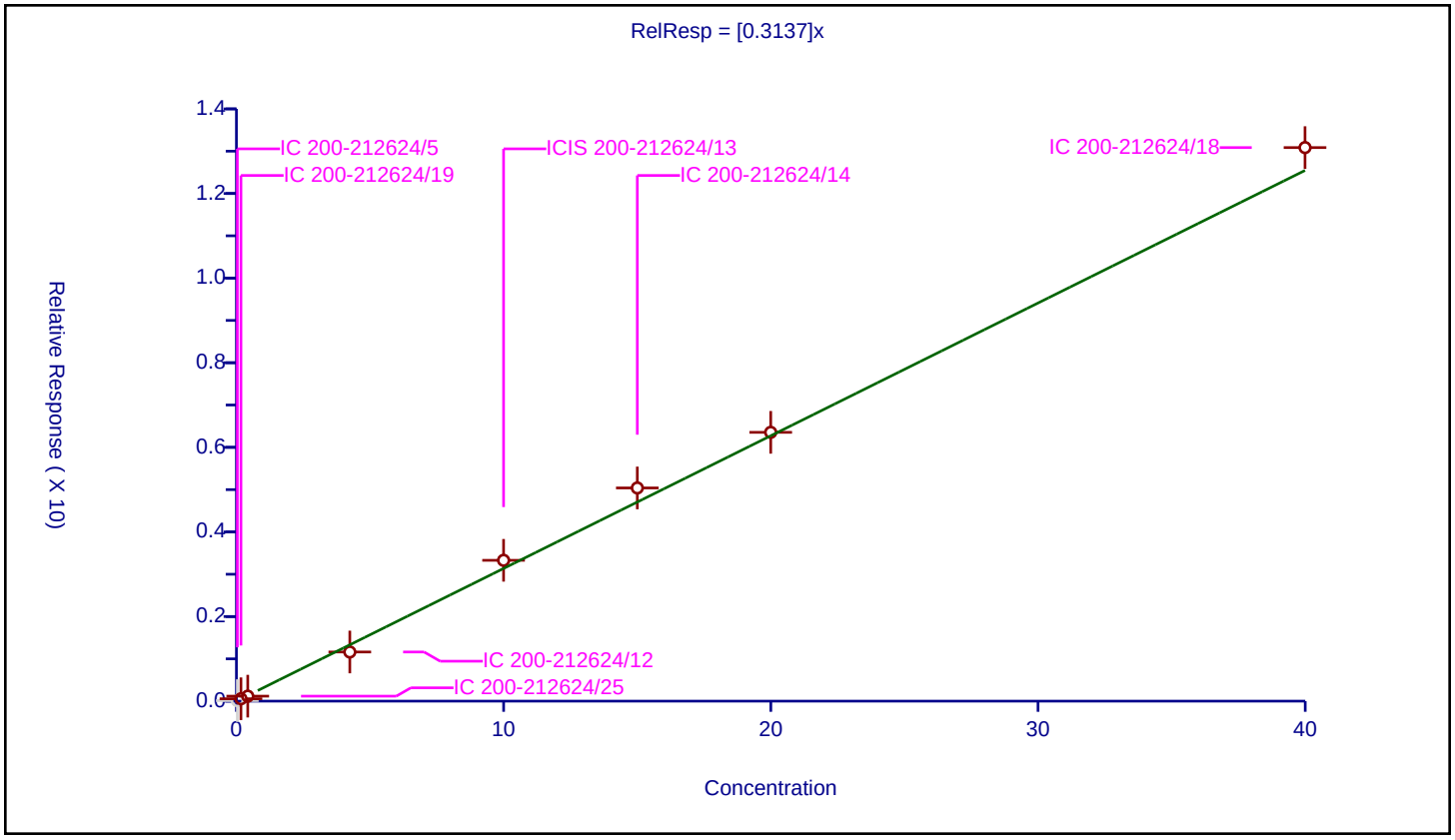
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3137 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.01213 | 10.0 | 798826.0 | 0.34582 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.056152 | 10.0 | 885625.0 | 0.329584 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.118239 | 10.0 | 898859.0 | 0.278623 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.161855 | 10.0 | 809051.0 | 0.273785 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.329225 | 10.0 | 835711.0 | 0.332987 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 5.039672 | 10.0 | 867622.0 | 0.335898 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 6.354014 | 10.0 | 903709.0 | 0.317762 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 13.084975 | 10.0 | 917761.0 | 0.327188 | Y |



## Calibration / Methyl methacrylate

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

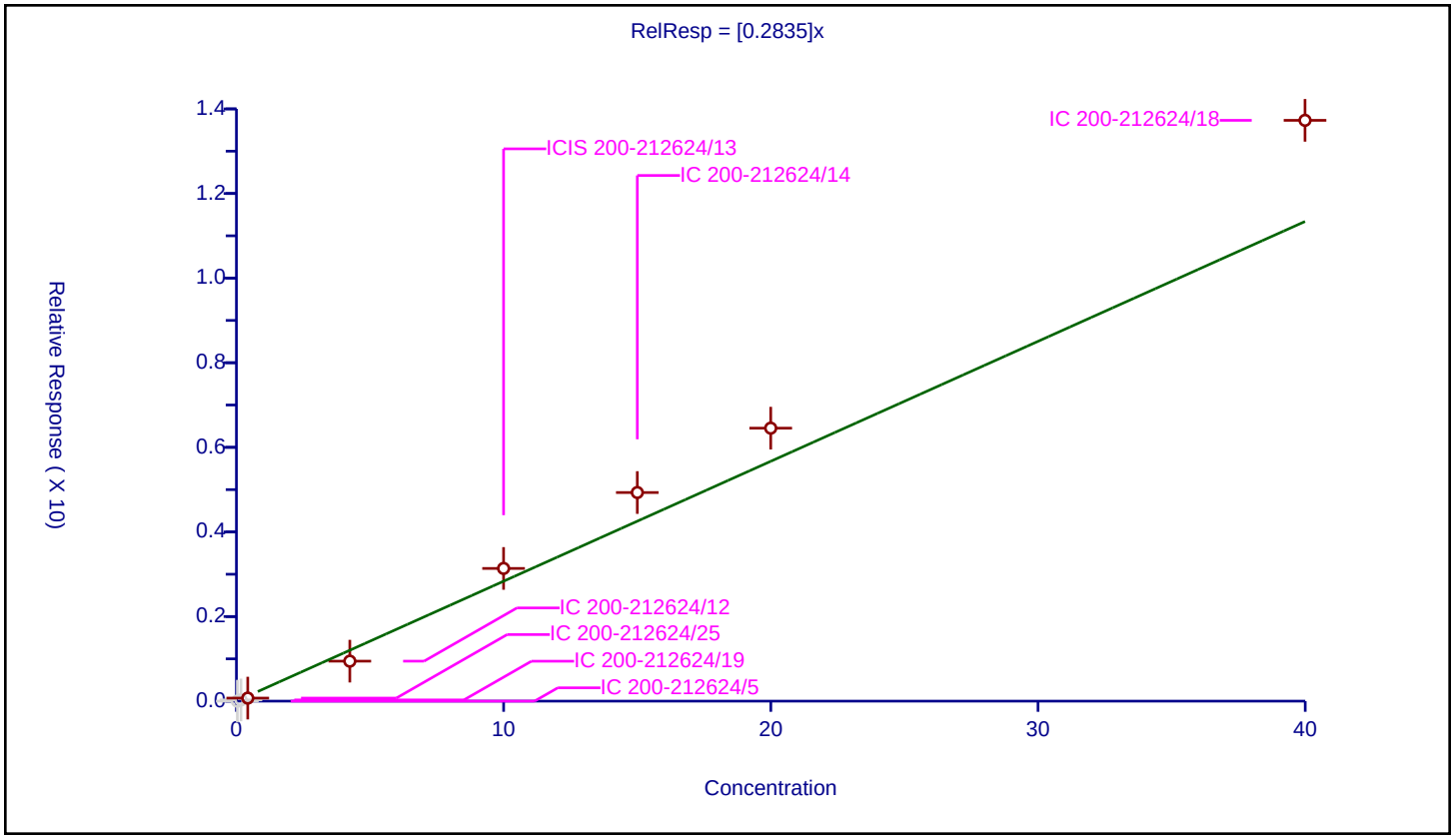
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.2835 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 24.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.028432 | 10.0 | 885625.0 | 0.16688 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.07208 | 10.0 | 898859.0 | 0.169853 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 0.945342 | 10.0 | 809051.0 | 0.222765 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.137185 | 10.0 | 835711.0 | 0.313779 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 4.93141 | 10.0 | 867622.0 | 0.328683 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 6.452741 | 10.0 | 903709.0 | 0.3227 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 13.729522 | 10.0 | 917761.0 | 0.343305 | Y |



## Calibration / 1,4-Dioxane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

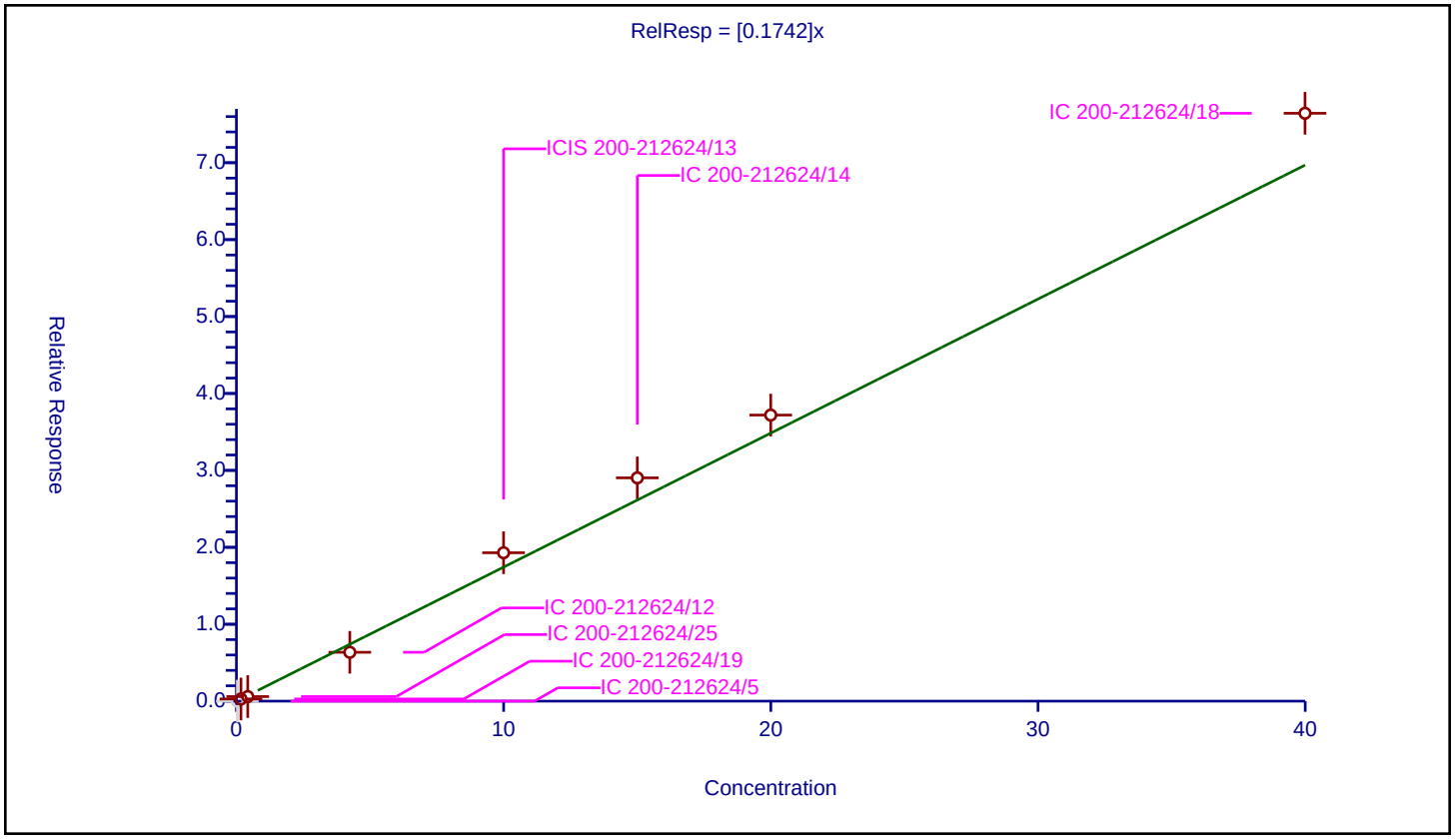
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.1742 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.02833 | 10.0 | 885625.0 | 0.166283 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.05952 | 10.0 | 898859.0 | 0.140255 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 0.63509 | 10.0 | 809051.0 | 0.149655 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 1.929148 | 10.0 | 835711.0 | 0.192952 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 2.902981 | 10.0 | 867622.0 | 0.193486 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 3.719239 | 10.0 | 903709.0 | 0.185998 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 7.642959 | 10.0 | 917761.0 | 0.191111 | Y |



## Calibration / Dibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

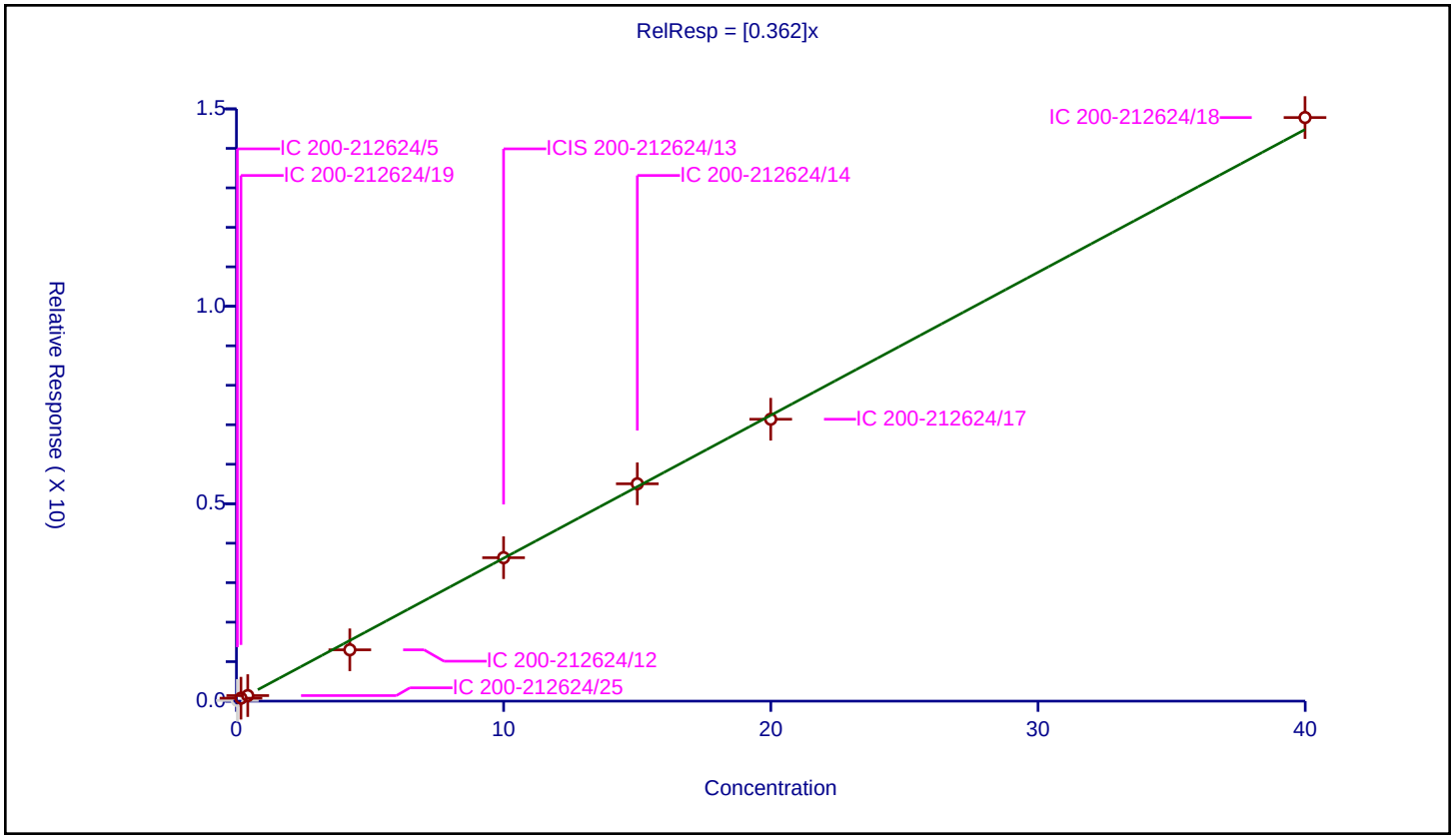
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.362 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.016925 | 10.0 | 798826.0 | 0.482506 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.074783 | 10.0 | 885625.0 | 0.438937 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.140845 | 10.0 | 898859.0 | 0.331894 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.300301 | 10.0 | 809051.0 | 0.306409 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.632751 | 10.0 | 835711.0 | 0.363346 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 5.504598 | 10.0 | 867622.0 | 0.366886 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 7.139942 | 10.0 | 903709.0 | 0.357066 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 14.780961 | 10.0 | 917761.0 | 0.369596 | Y |



## Calibration / Dichlorobromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

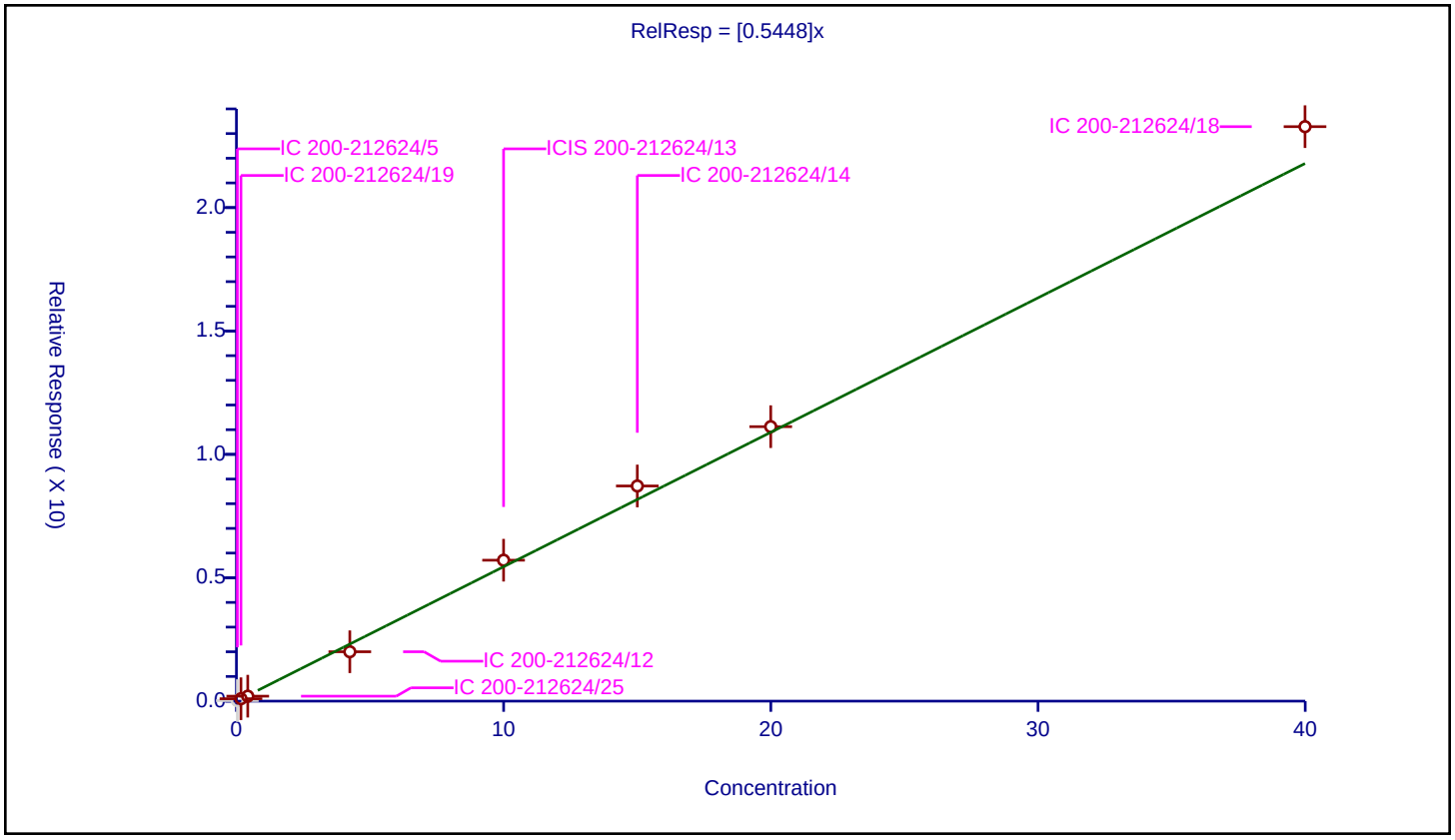
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5448 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.020843 | 10.0 | 798826.0 | 0.594211 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.098123 | 10.0 | 885625.0 | 0.575927 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.2016 | 10.0 | 898859.0 | 0.47506 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.001654 | 10.0 | 809051.0 | 0.471679 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.711245 | 10.0 | 835711.0 | 0.571235 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 8.718705 | 10.0 | 867622.0 | 0.581109 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 11.122408 | 10.0 | 903709.0 | 0.556228 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 23.28044 | 10.0 | 917761.0 | 0.582124 | Y |



## Calibration / cis-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

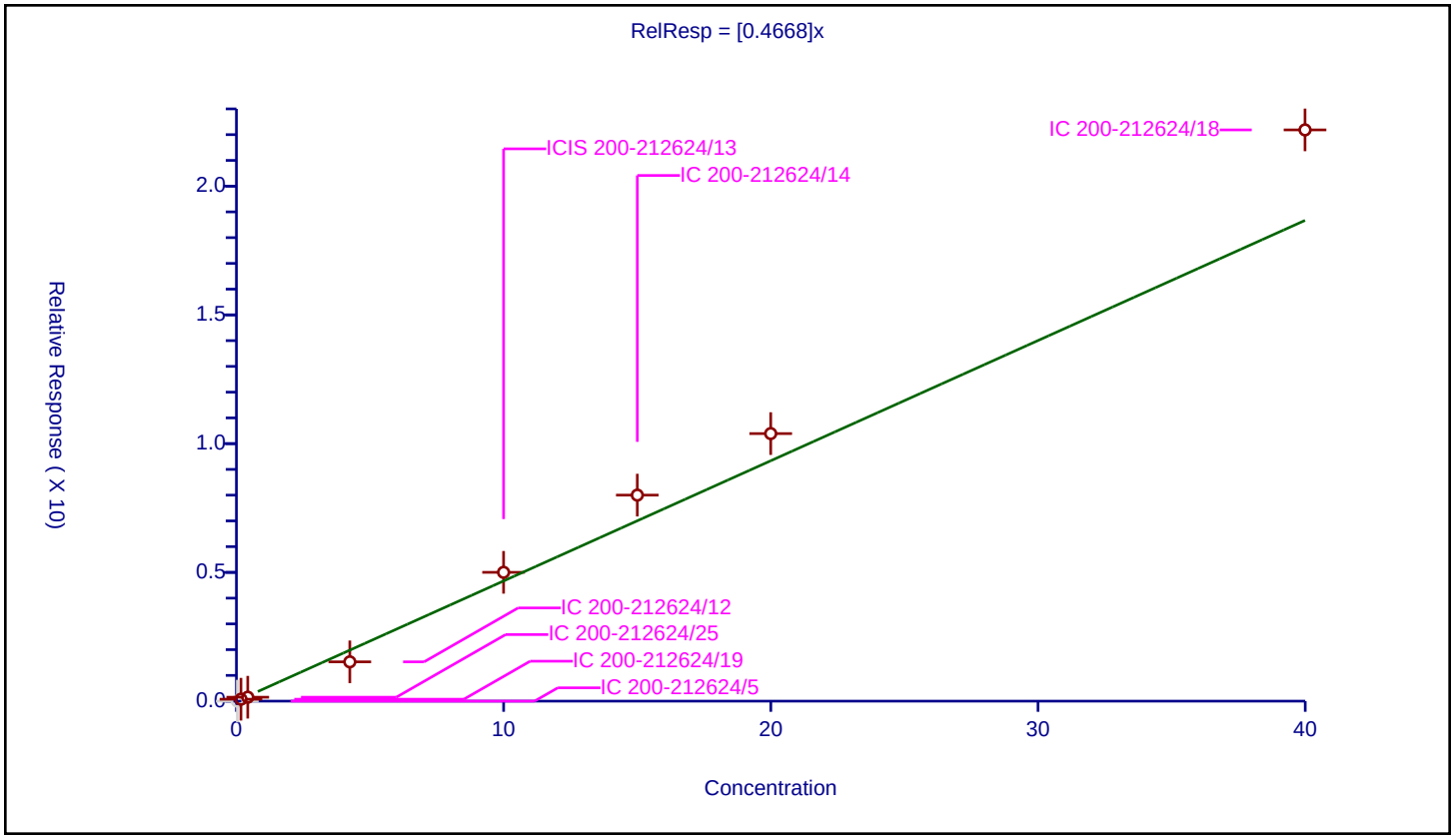
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.4668 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.075269 | 10.0 | 885625.0 | 0.441787 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.152048 | 10.0 | 898859.0 | 0.358294 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.526393 | 10.0 | 809051.0 | 0.359686 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.002615 | 10.0 | 835711.0 | 0.500359 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 8.001019 | 10.0 | 867622.0 | 0.533275 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 10.390037 | 10.0 | 903709.0 | 0.519603 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 22.183738 | 10.0 | 917761.0 | 0.554701 | Y |



## Calibration / 4-Methyl-2-pentanone (MIBK)

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

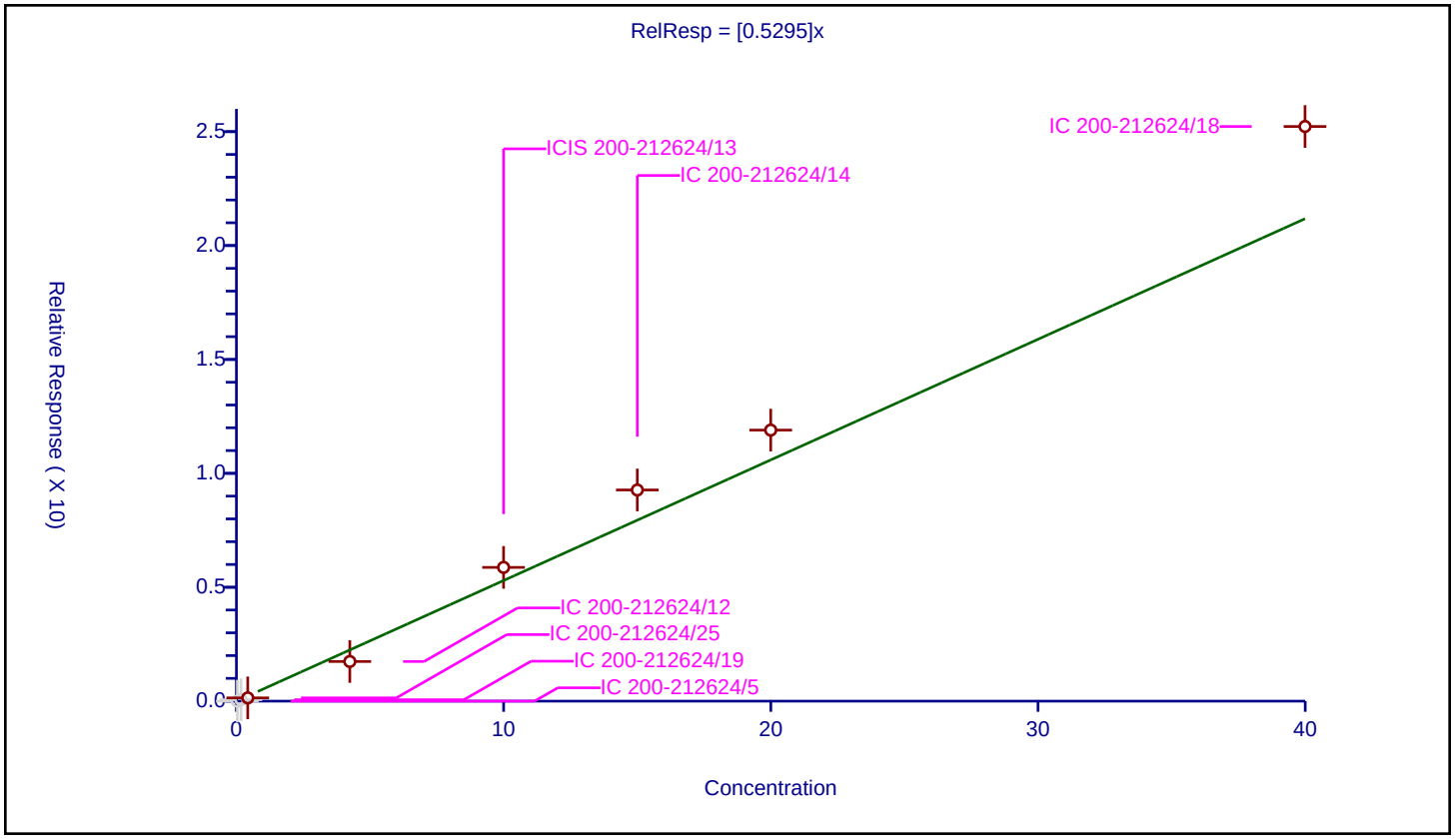
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5295 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 23.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.062589 | 10.0 | 885625.0 | 0.36736 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.142681 | 10.0 | 898859.0 | 0.33622 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.740335 | 10.0 | 809051.0 | 0.410101 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.8713 | 10.0 | 835711.0 | 0.587244 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 9.269797 | 10.0 | 867622.0 | 0.61784 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 11.898587 | 10.0 | 903709.0 | 0.595045 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 25.227069 | 10.0 | 917761.0 | 0.630799 | Y |



## Calibration / Toluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

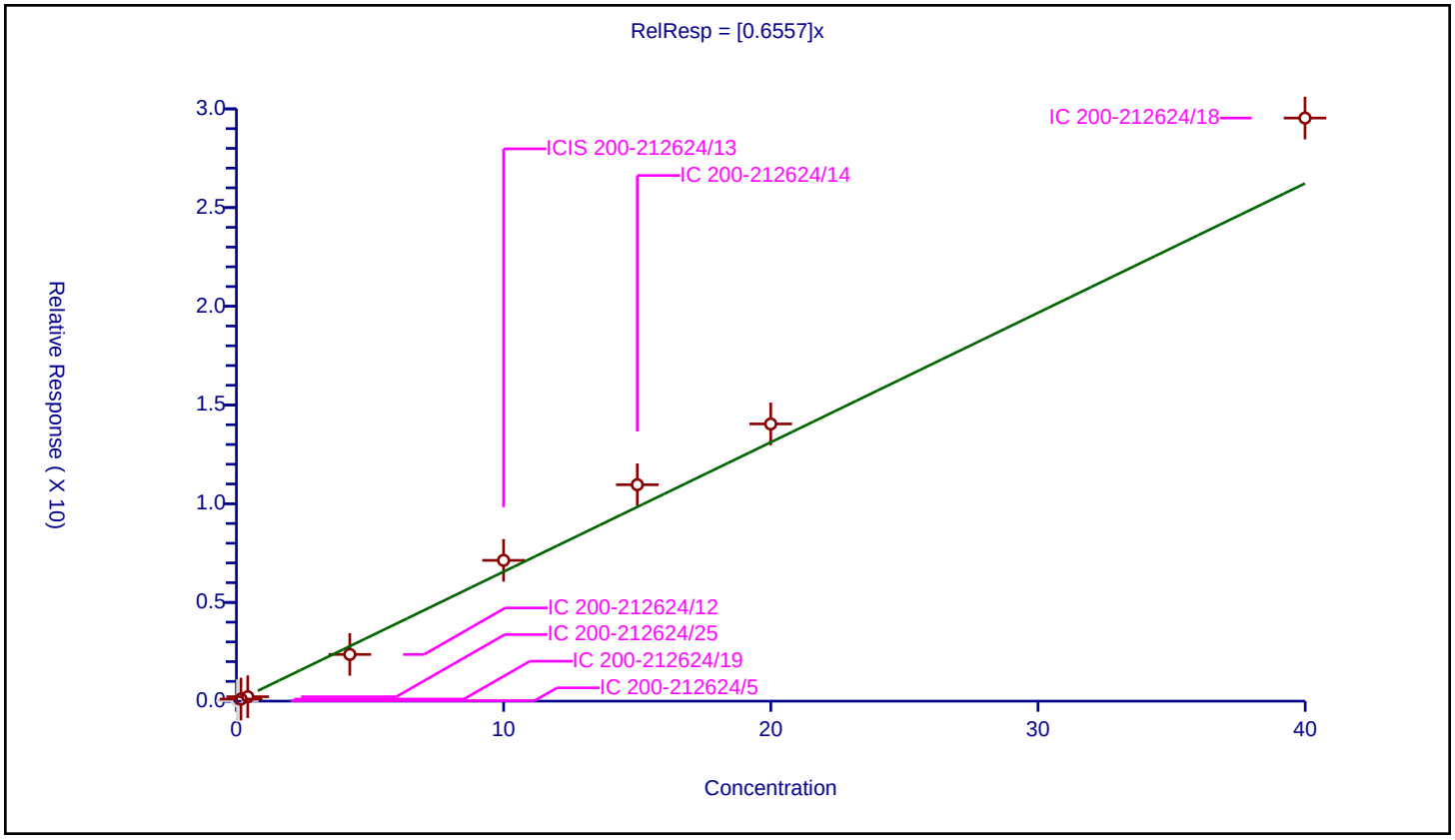
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6557 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.02198 | 10.0 | 689725.0 | 0.626616 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.105459 | 10.0 | 762380.0 | 0.618988 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.224349 | 10.0 | 764299.0 | 0.528667 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.366298 | 10.0 | 698944.0 | 0.557605 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 7.131546 | 10.0 | 736944.0 | 0.713293 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 10.962007 | 10.0 | 768019.0 | 0.730627 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 14.04177 | 10.0 | 802923.0 | 0.702225 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 29.535484 | 10.0 | 806344.0 | 0.73853 | Y |



## Calibration / n-Octane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

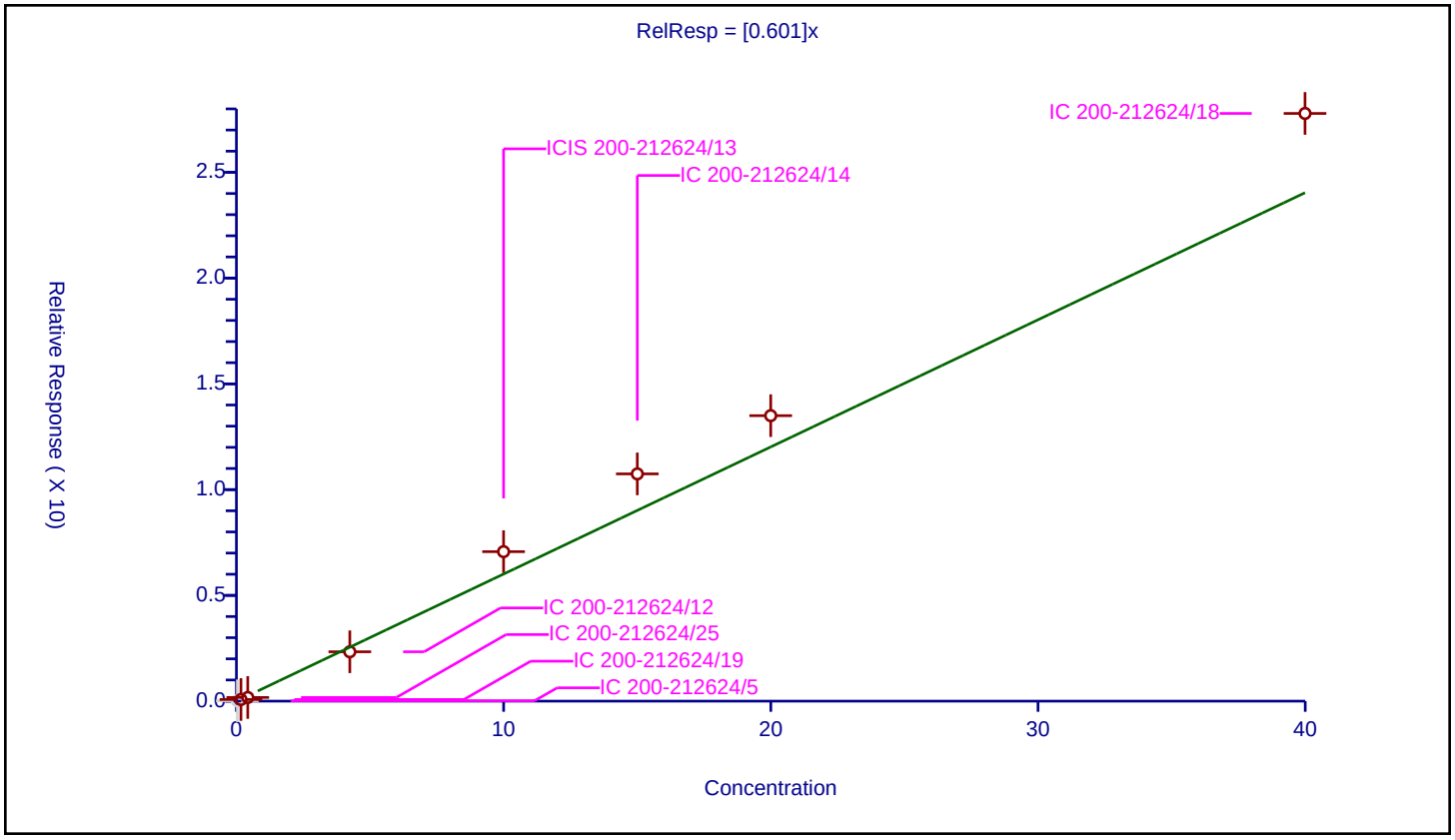
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.601 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 21.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.016787 | 10.0 | 798826.0 | 0.47858 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.077866 | 10.0 | 885625.0 | 0.45703 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.172864 | 10.0 | 898859.0 | 0.407344 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.333957 | 10.0 | 809051.0 | 0.549984 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 7.067108 | 10.0 | 835711.0 | 0.706848 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 10.74416 | 10.0 | 867622.0 | 0.716108 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 13.496756 | 10.0 | 903709.0 | 0.674969 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 27.78438 | 10.0 | 917761.0 | 0.694744 | Y |



## Calibration / trans-1,3-Dichloropropene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

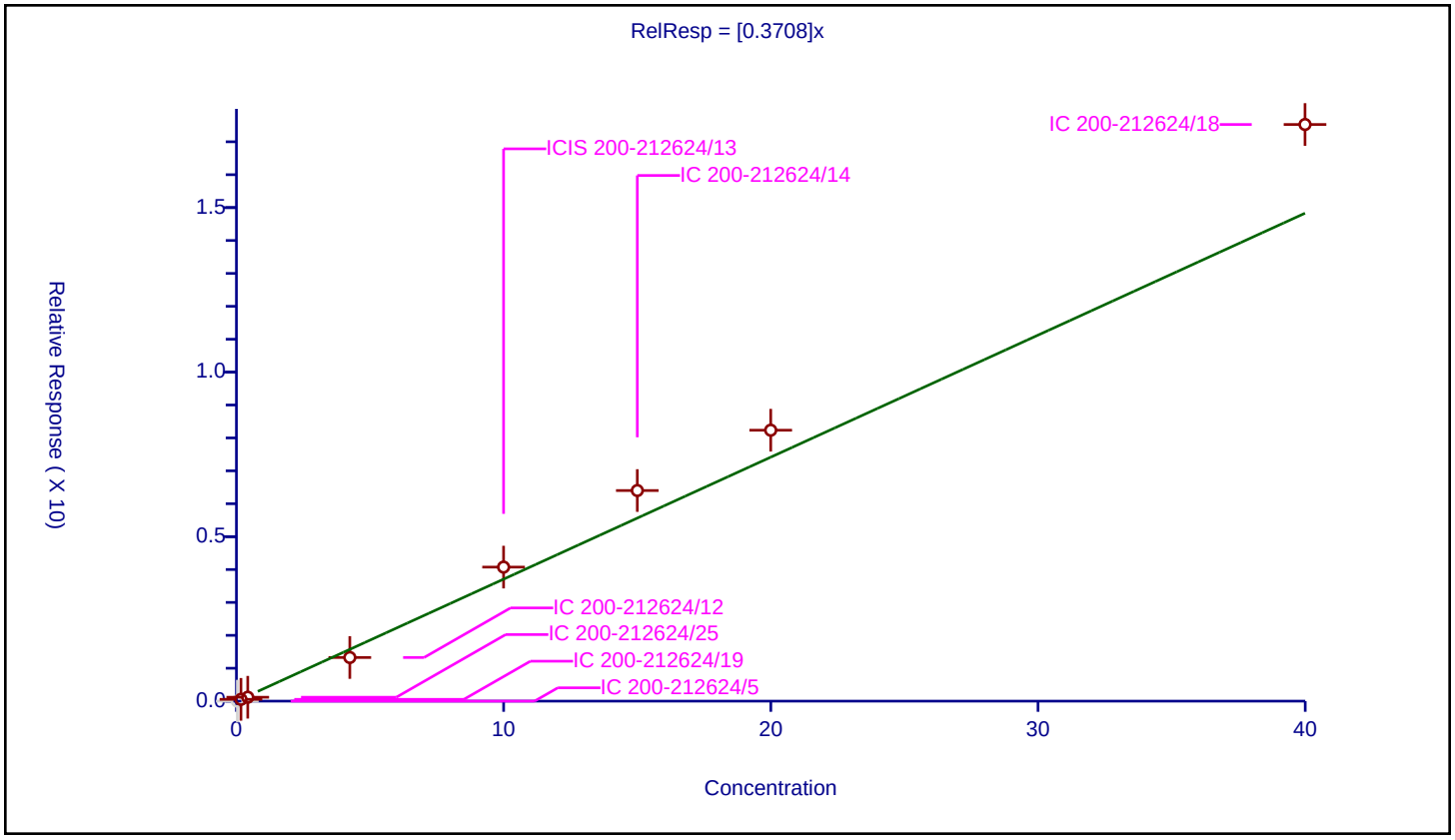
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3708 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 17.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 798826.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.054515 | 10.0 | 885625.0 | 0.319974 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.118372 | 10.0 | 898859.0 | 0.278938 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.326307 | 10.0 | 809051.0 | 0.312537 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 4.073944 | 10.0 | 835711.0 | 0.407473 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 6.401025 | 10.0 | 867622.0 | 0.426634 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 8.23431 | 10.0 | 903709.0 | 0.411795 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 17.525336 | 10.0 | 917761.0 | 0.438218 | Y |



## Calibration / 1,1,2-Trichloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

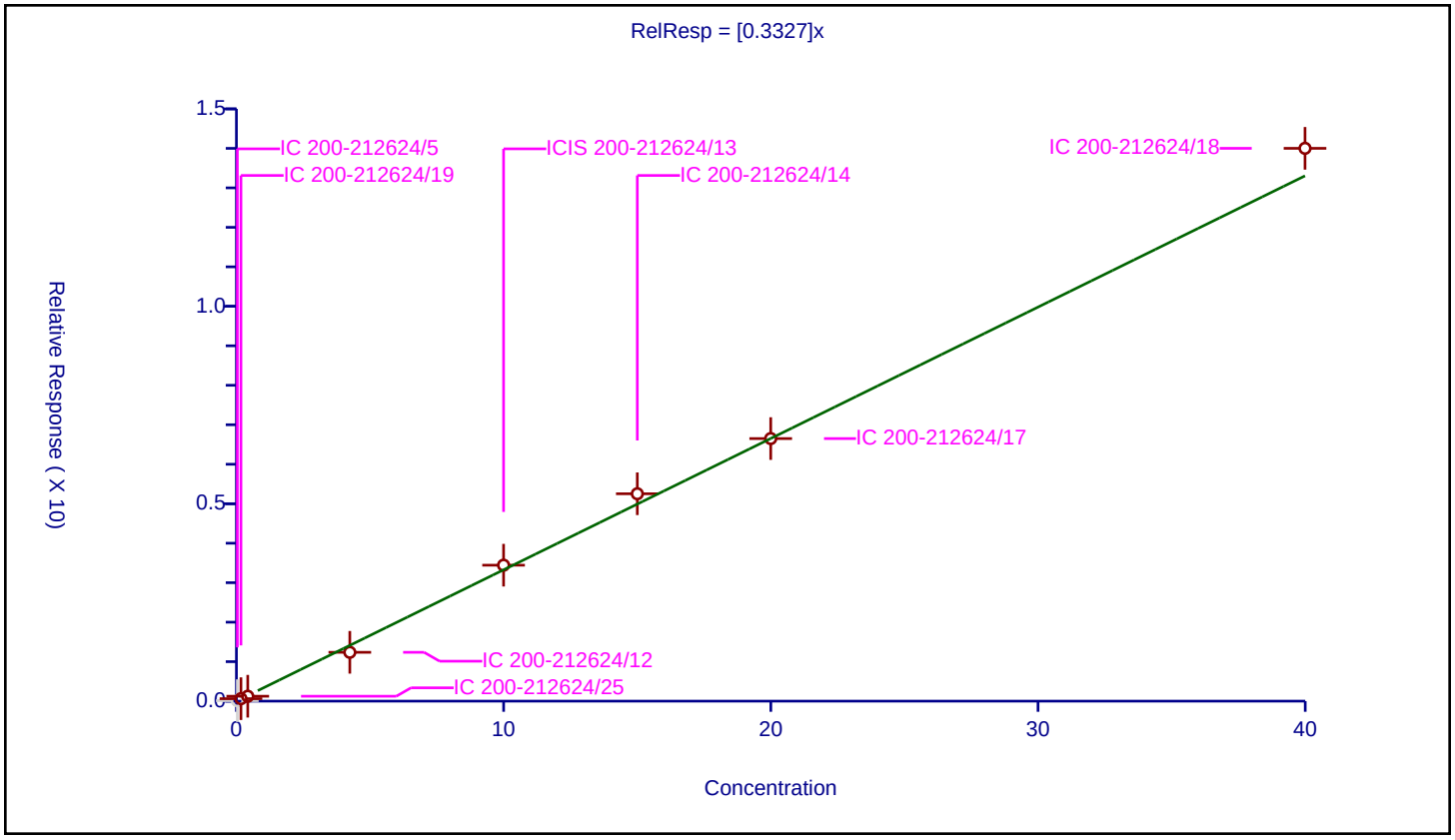
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.3327 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 8.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.011903 | 10.0 | 689725.0 | 0.339348 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.062475 | 10.0 | 762380.0 | 0.366696 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.124506 | 10.0 | 764299.0 | 0.293392 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.236837 | 10.0 | 698944.0 | 0.291454 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 3.44345 | 10.0 | 736944.0 | 0.344412 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 5.252513 | 10.0 | 768019.0 | 0.350085 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 6.650401 | 10.0 | 802923.0 | 0.332585 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 14.000823 | 10.0 | 806344.0 | 0.350089 | Y |



## Calibration / Tetrachloroethene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

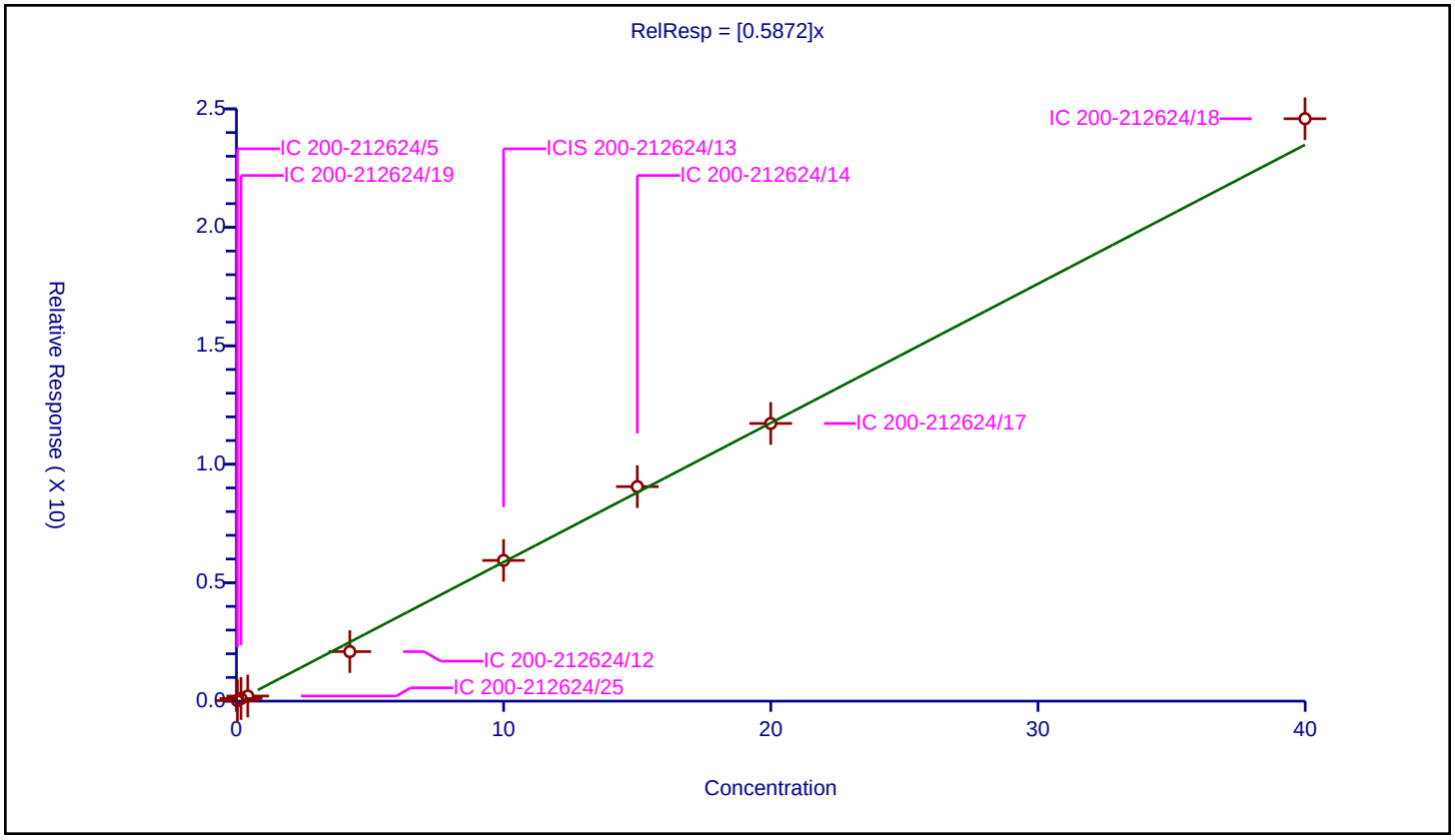
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5872 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.022589 | 10.0 | 689725.0 | 0.643976 | Y |
| 2 | IC 200-212624/19 | 0.170374 | 0.110955 | 10.0 | 762380.0 | 0.651246 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.216957 | 10.0 | 764299.0 | 0.511247 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.09084 | 10.0 | 698944.0 | 0.492695 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.940668 | 10.0 | 736944.0 | 0.594182 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 9.055766 | 10.0 | 768019.0 | 0.603575 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 11.720688 | 10.0 | 802923.0 | 0.586148 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 24.583974 | 10.0 | 806344.0 | 0.614719 | Y |



## Calibration / 2-Hexanone

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

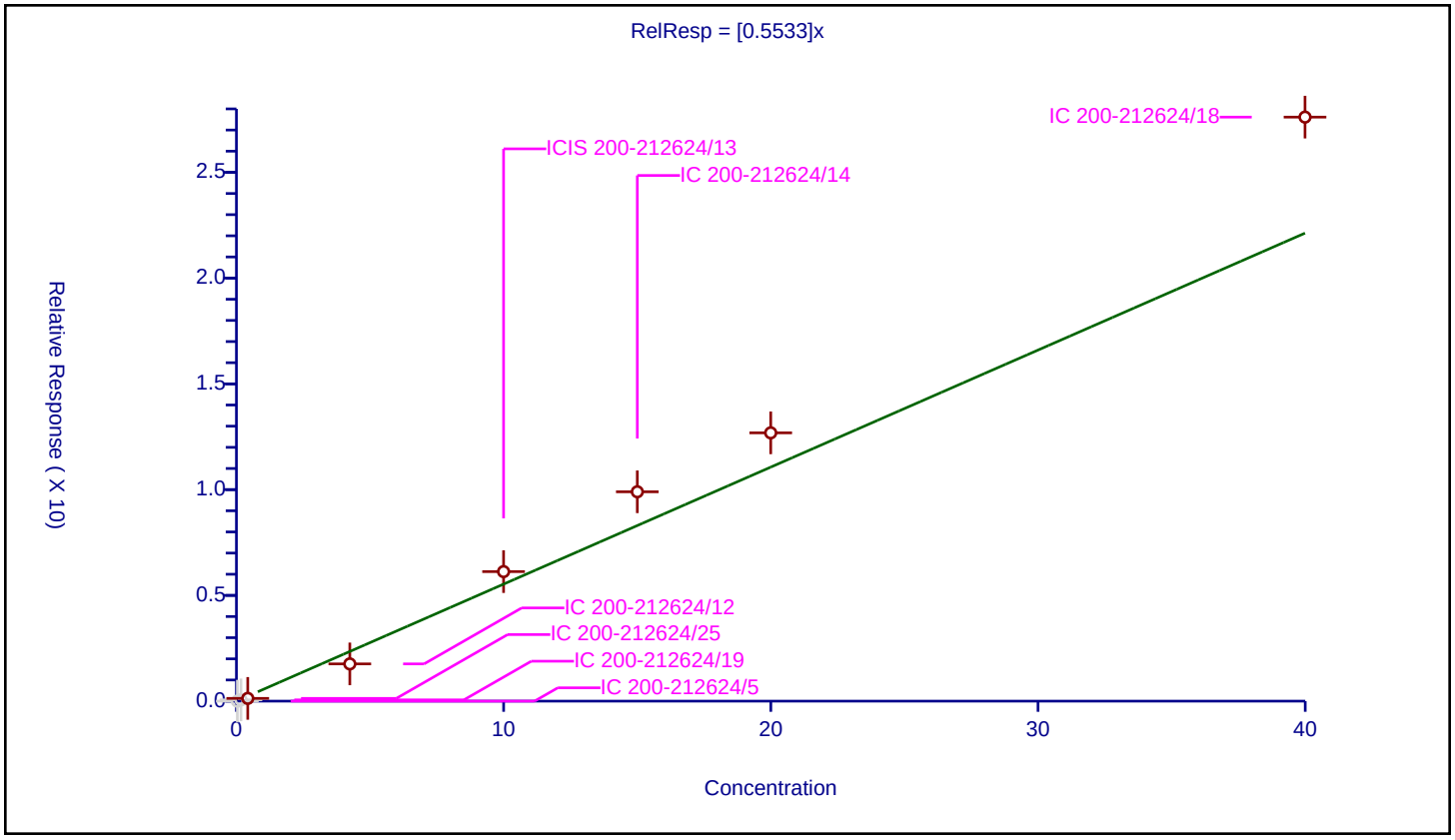
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5533 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 28.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 689725.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.060377 | 10.0 | 762380.0 | 0.354378 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.130551 | 10.0 | 764299.0 | 0.307636 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.761028 | 10.0 | 698944.0 | 0.414977 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 6.123586 | 10.0 | 736944.0 | 0.612477 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 9.898154 | 10.0 | 768019.0 | 0.65972 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 12.683968 | 10.0 | 802923.0 | 0.634321 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 27.610375 | 10.0 | 806344.0 | 0.690393 | Y |



## Calibration / Chlorodibromomethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

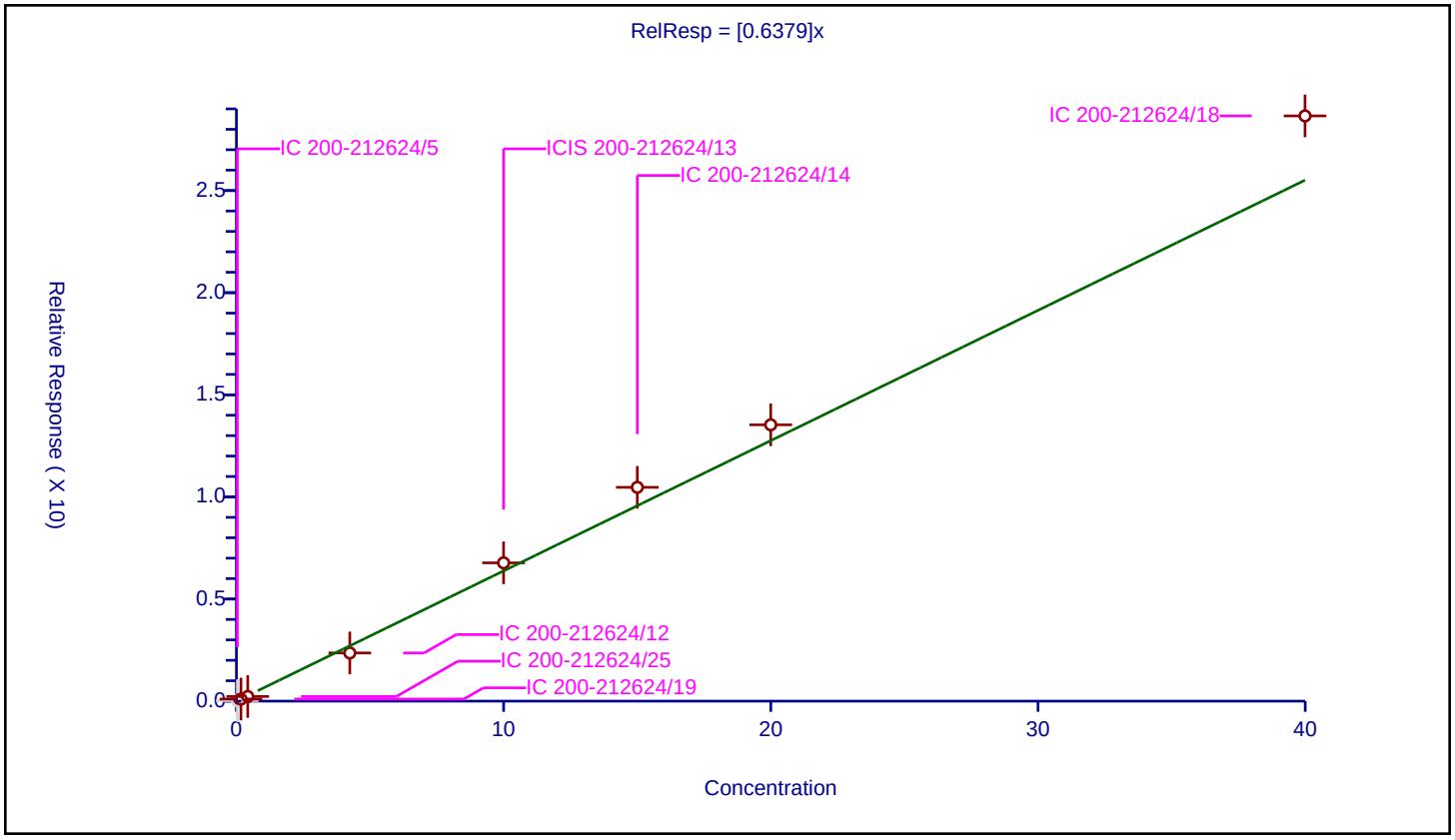
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6379 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.023256 | 10.0 | 689725.0 | 0.66299 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.102928 | 10.0 | 762380.0 | 0.604129 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.227712 | 10.0 | 764299.0 | 0.536591 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.359488 | 10.0 | 698944.0 | 0.556001 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 6.772089 | 10.0 | 736944.0 | 0.67734 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 10.468973 | 10.0 | 768019.0 | 0.697766 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 13.530911 | 10.0 | 802923.0 | 0.676677 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 28.656033 | 10.0 | 806344.0 | 0.71654 | Y |



## Calibration / Ethylene Dibromide

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

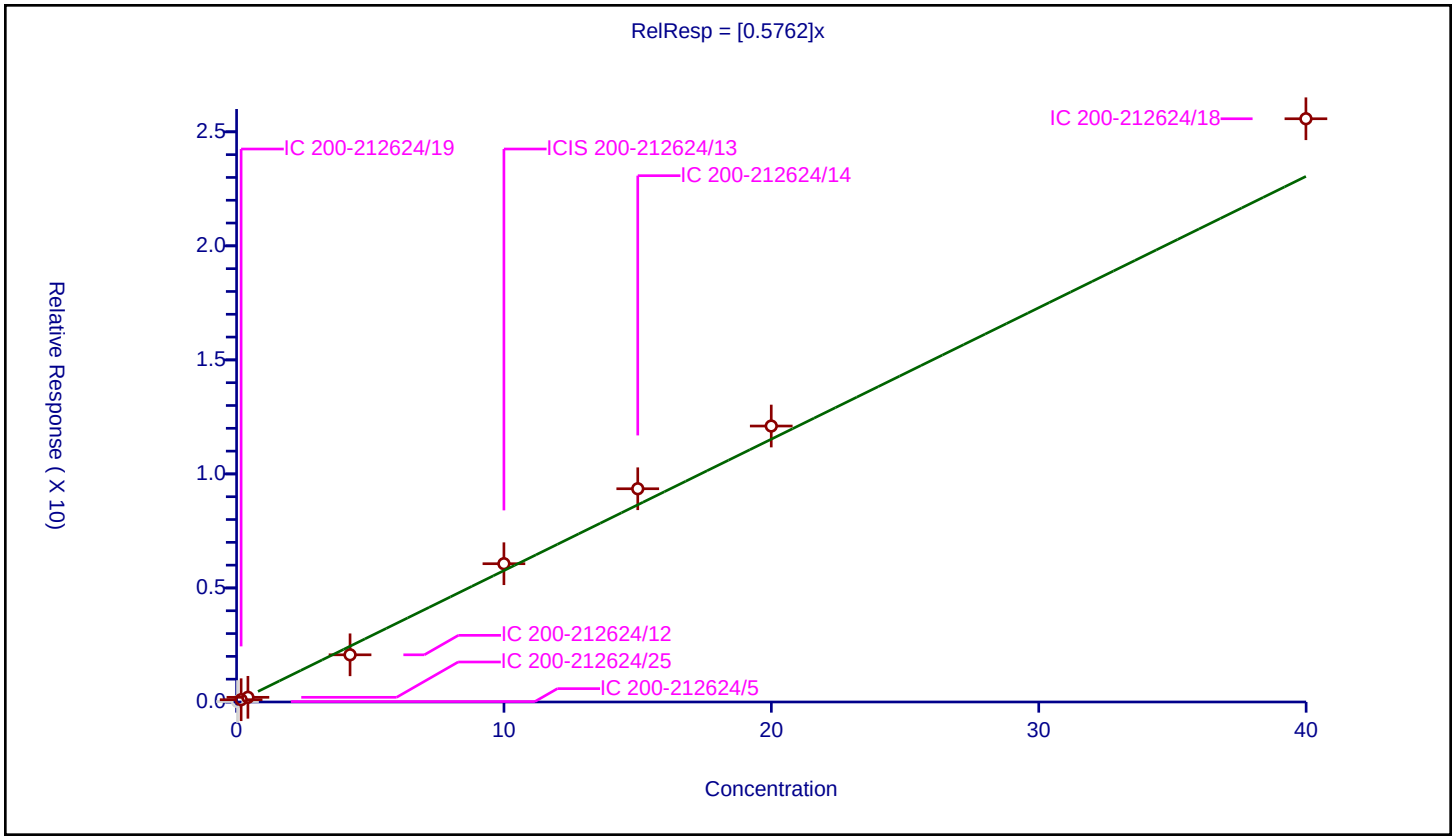
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5762 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.019761 | 10.0 | 689725.0 | 0.563376 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.100055 | 10.0 | 762380.0 | 0.587268 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.205718 | 10.0 | 764299.0 | 0.484763 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.069107 | 10.0 | 698944.0 | 0.487574 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 6.062713 | 10.0 | 736944.0 | 0.606389 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 9.349547 | 10.0 | 768019.0 | 0.623155 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 12.099417 | 10.0 | 802923.0 | 0.605088 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 25.573229 | 10.0 | 806344.0 | 0.639455 | Y |



## Calibration / Chlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

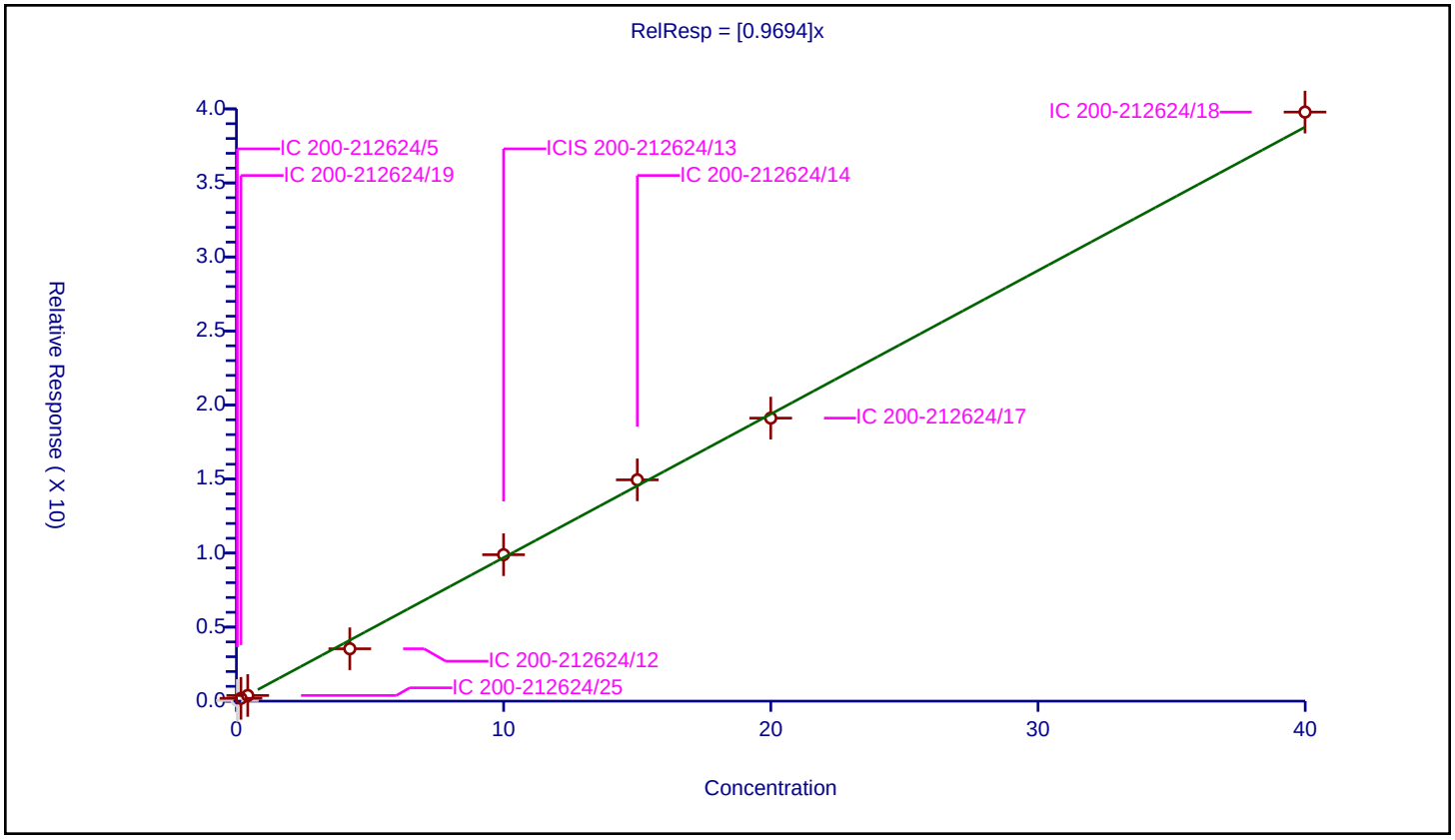
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9694 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.042466 | 10.0 | 689725.0 | 1.210659 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.189722 | 10.0 | 762380.0 | 1.113562 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.383109 | 10.0 | 764299.0 | 0.902776 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.53768 | 10.0 | 698944.0 | 0.833635 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 9.88839 | 10.0 | 736944.0 | 0.989031 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 14.944956 | 10.0 | 768019.0 | 0.996094 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 19.115183 | 10.0 | 802923.0 | 0.955945 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 39.784658 | 10.0 | 806344.0 | 0.994809 | Y |



## Calibration / Ethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

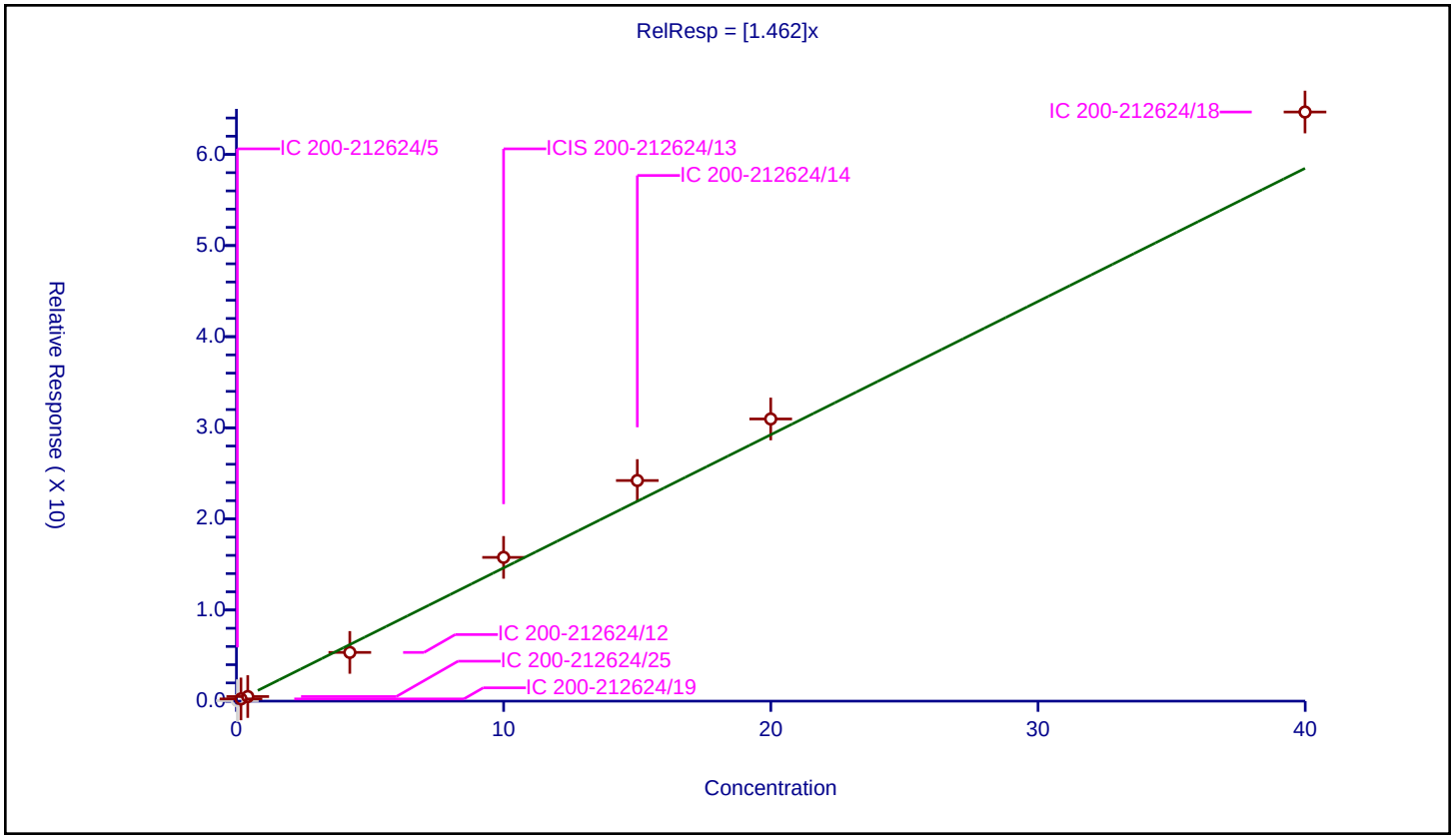
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.462 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.051571 | 10.0 | 689725.0 | 1.470233 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.243225 | 10.0 | 762380.0 | 1.427598 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.504999 | 10.0 | 764299.0 | 1.190002 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.348626 | 10.0 | 698944.0 | 1.260375 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.778417 | 10.0 | 736944.0 | 1.578148 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 24.212786 | 10.0 | 768019.0 | 1.613803 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 30.968698 | 10.0 | 802923.0 | 1.548735 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 64.657045 | 10.0 | 806344.0 | 1.61674 | Y |



## Calibration / m-Xylene & p-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

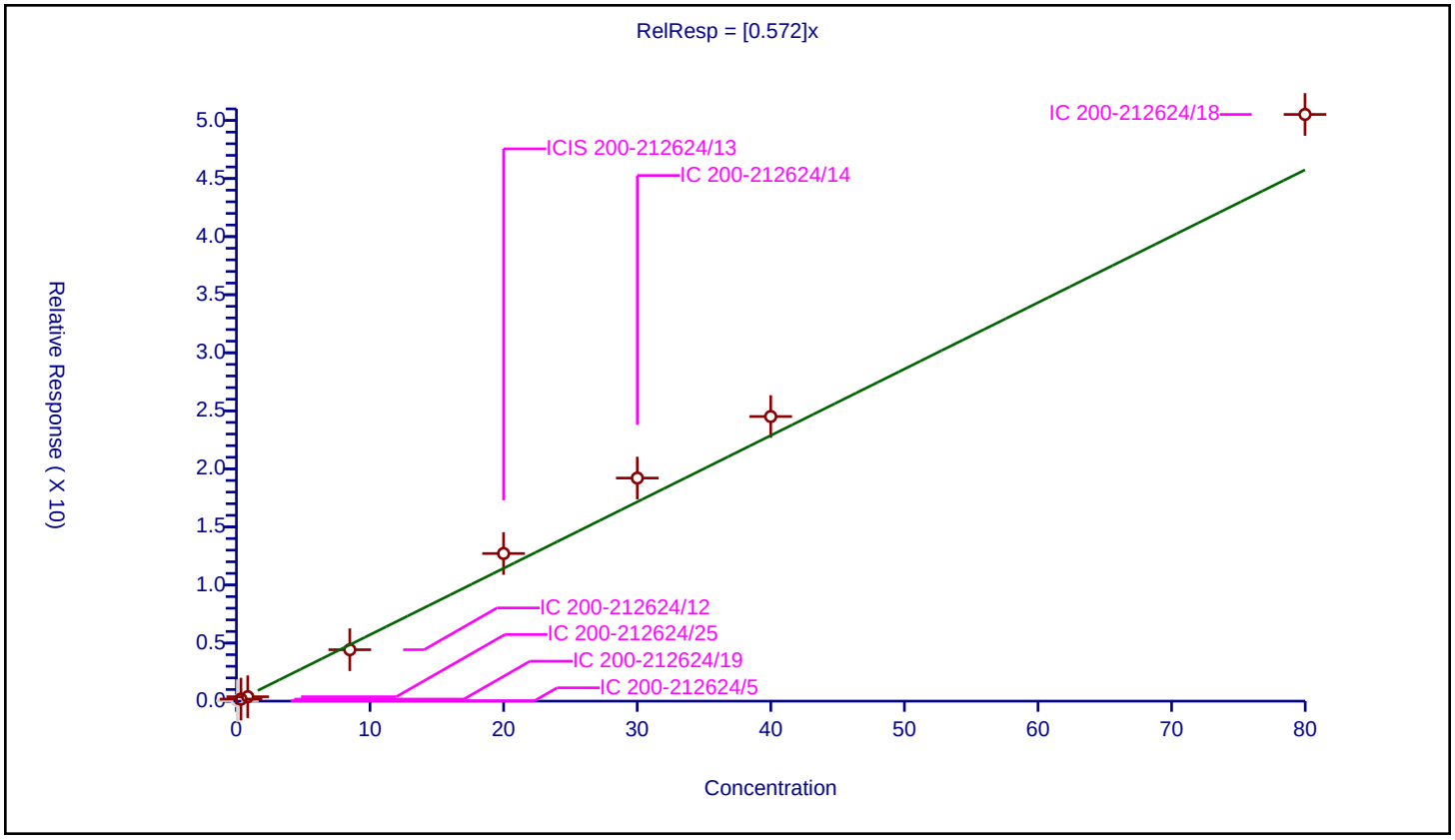
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.572 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.070154 | 0.035594 | 10.0 | 689725.0 | 0.507369 | N |
| 2 | IC 200-212624/19 | 0.340747 | 0.17511 | 10.0 | 762380.0 | 0.513898 | Y |
| 3 | IC 200-212624/25 | 0.848736 | 0.380231 | 10.0 | 764299.0 | 0.447997 | Y |
| 4 | IC 200-212624/12 | 8.487357 | 4.42798 | 10.0 | 698944.0 | 0.521715 | Y |
| 5 | ICIS 200-212624/13 | 19.99612 | 12.7114 | 10.0 | 736944.0 | 0.635693 | Y |
| 6 | IC 200-212624/14 | 30.007114 | 19.20847 | 10.0 | 768019.0 | 0.640131 | Y |
| 7 | IC 200-212624/17 | 39.99224 | 24.509063 | 10.0 | 802923.0 | 0.612845 | Y |
| 8 | IC 200-212624/18 | 79.984479 | 50.520956 | 10.0 | 806344.0 | 0.631634 | Y |



## Calibration / n-Nonane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

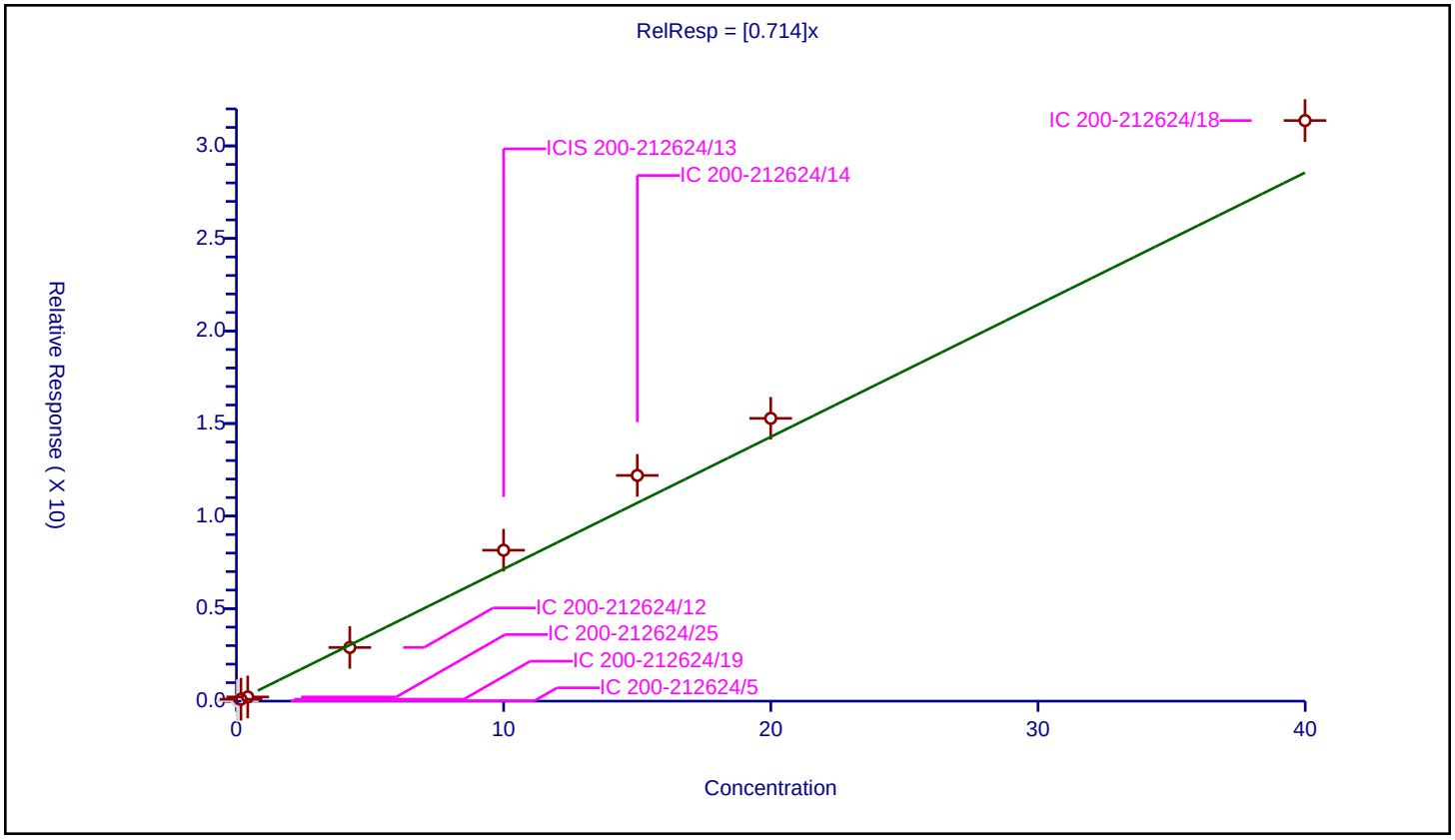
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.714 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.02037 | 10.0 | 689725.0 | 0.580736 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.102613 | 10.0 | 762380.0 | 0.602281 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.227319 | 10.0 | 764299.0 | 0.535666 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.898716 | 10.0 | 698944.0 | 0.683067 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 8.154921 | 10.0 | 736944.0 | 0.81565 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 12.19548 | 10.0 | 768019.0 | 0.812839 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 15.279236 | 10.0 | 802923.0 | 0.76411 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 31.369391 | 10.0 | 806344.0 | 0.784387 | Y |



## Calibration / o-Xylene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

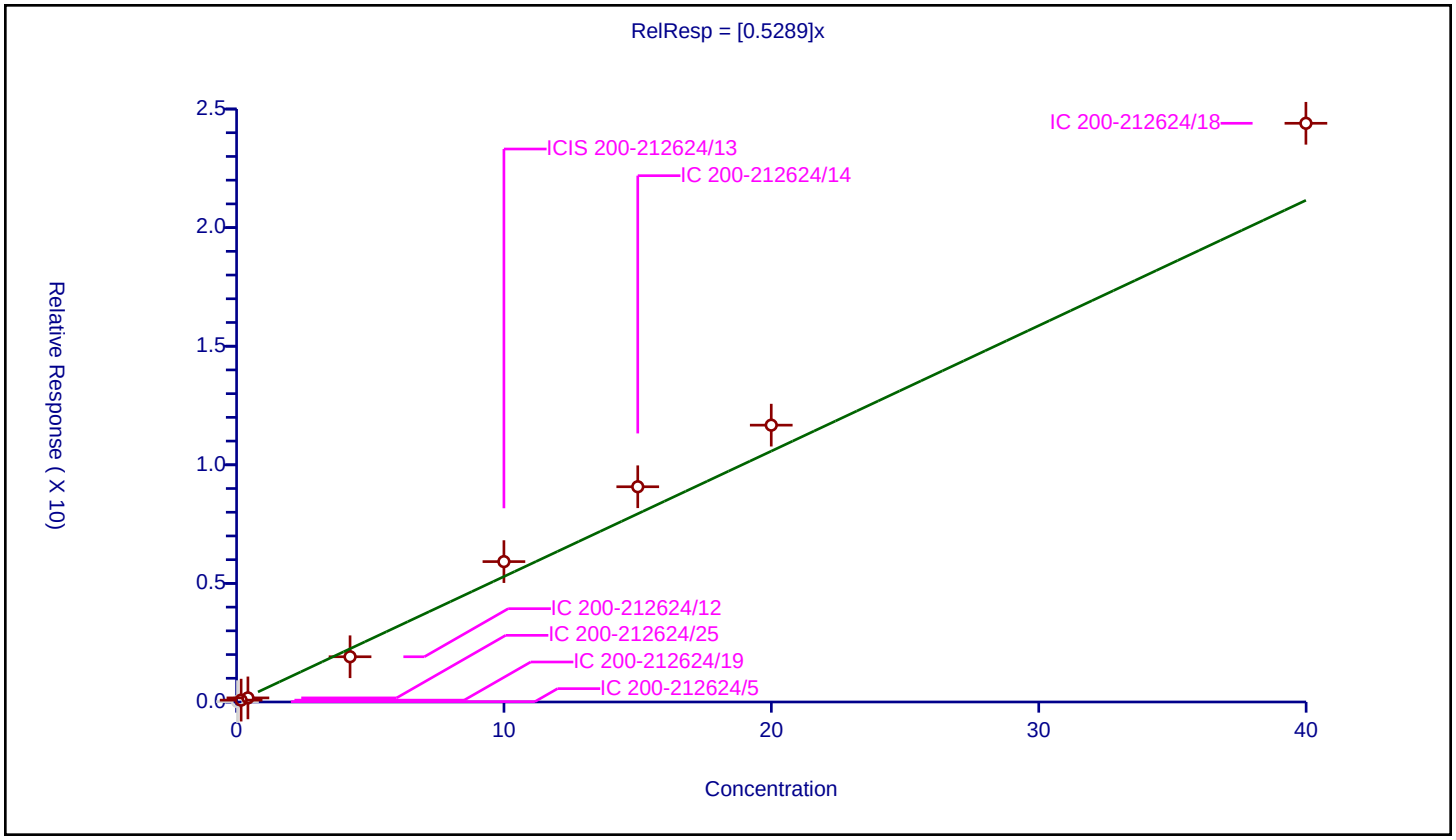
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5289 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.015209 | 10.0 | 689725.0 | 0.433589 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.077586 | 10.0 | 762380.0 | 0.455387 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.172629 | 10.0 | 764299.0 | 0.40679 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 1.907206 | 10.0 | 698944.0 | 0.449423 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 5.918496 | 10.0 | 736944.0 | 0.591964 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 9.074789 | 10.0 | 768019.0 | 0.604842 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 11.671418 | 10.0 | 802923.0 | 0.583684 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 24.398061 | 10.0 | 806344.0 | 0.61007 | Y |



## Calibration / Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

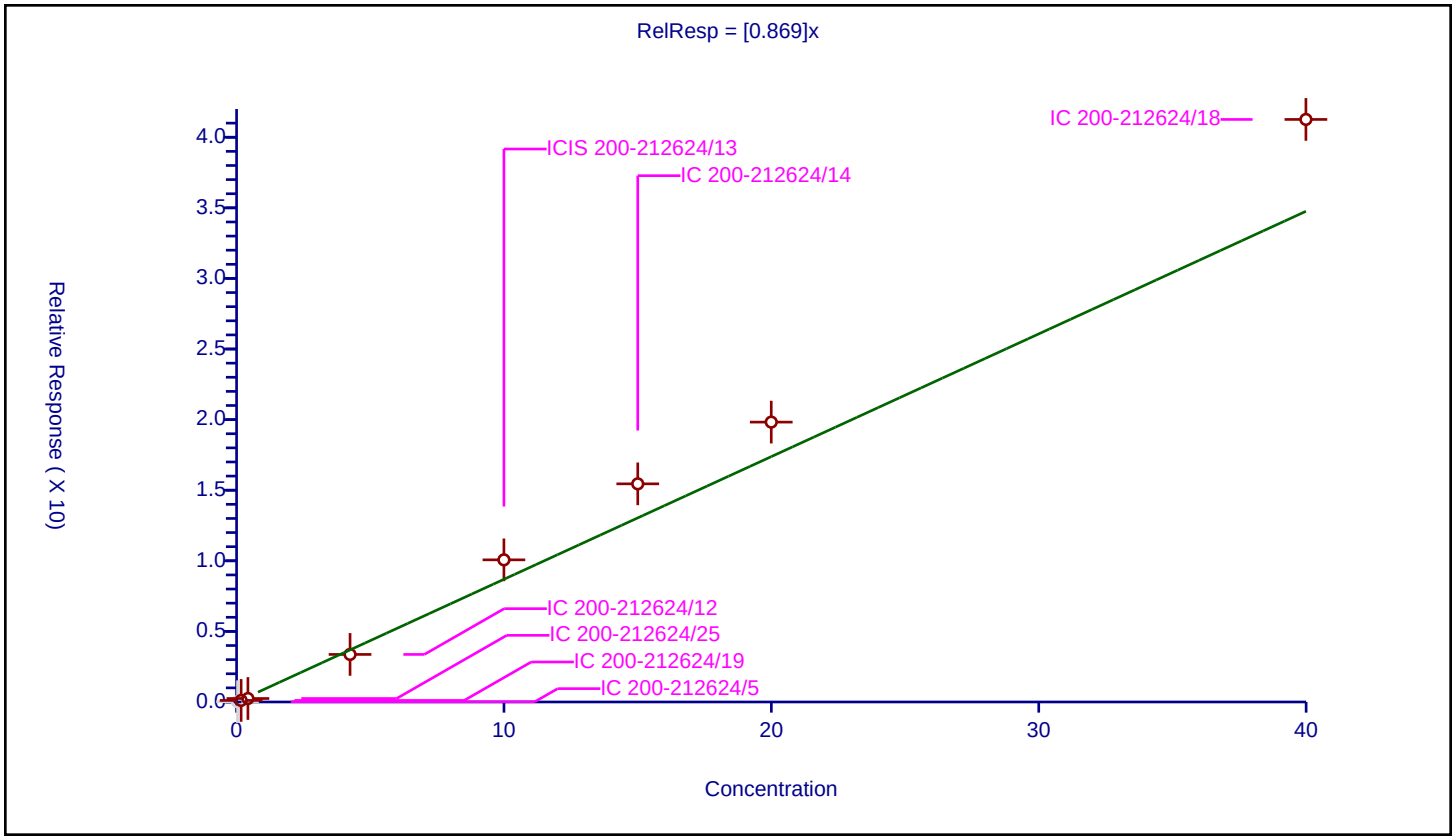
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.869 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 22.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.020573 | 10.0 | 689725.0 | 0.586523 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.11068 | 10.0 | 762380.0 | 0.649629 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.246082 | 10.0 | 764299.0 | 0.579878 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.368381 | 10.0 | 698944.0 | 0.793741 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.068608 | 10.0 | 736944.0 | 1.007056 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 15.451376 | 10.0 | 768019.0 | 1.029848 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 19.824342 | 10.0 | 802923.0 | 0.991409 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 41.261558 | 10.0 | 806344.0 | 1.031739 | Y |



## Calibration / Bromoform

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

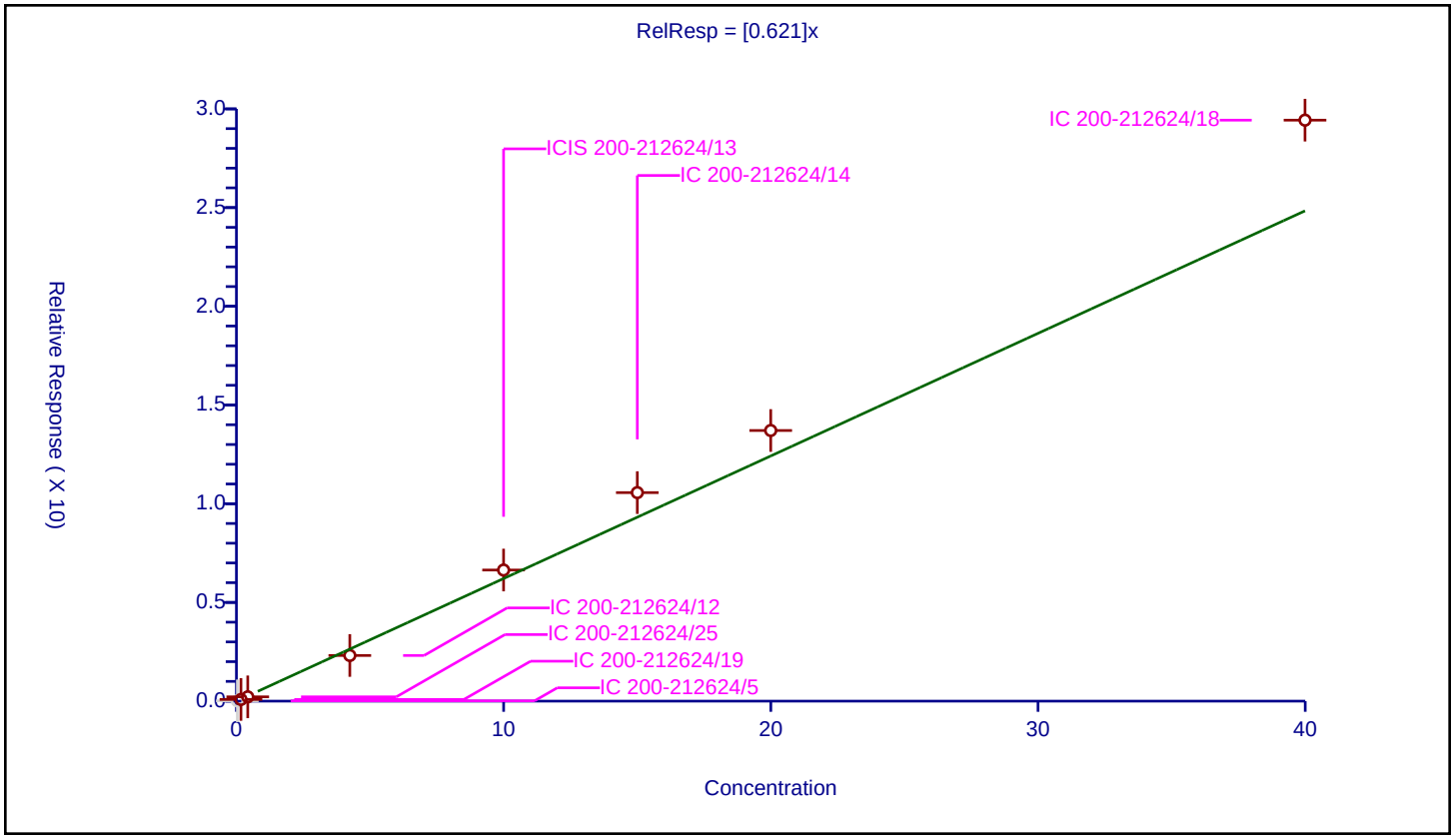
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.621 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.014948 | 10.0 | 689725.0 | 0.426149 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.085168 | 10.0 | 762380.0 | 0.499886 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.21752 | 10.0 | 764299.0 | 0.512573 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.312932 | 10.0 | 698944.0 | 0.54503 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 6.640477 | 10.0 | 736944.0 | 0.664177 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 10.562929 | 10.0 | 768019.0 | 0.704028 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 13.708612 | 10.0 | 802923.0 | 0.685564 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 29.429722 | 10.0 | 806344.0 | 0.735886 | Y |



## Calibration / Isopropylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

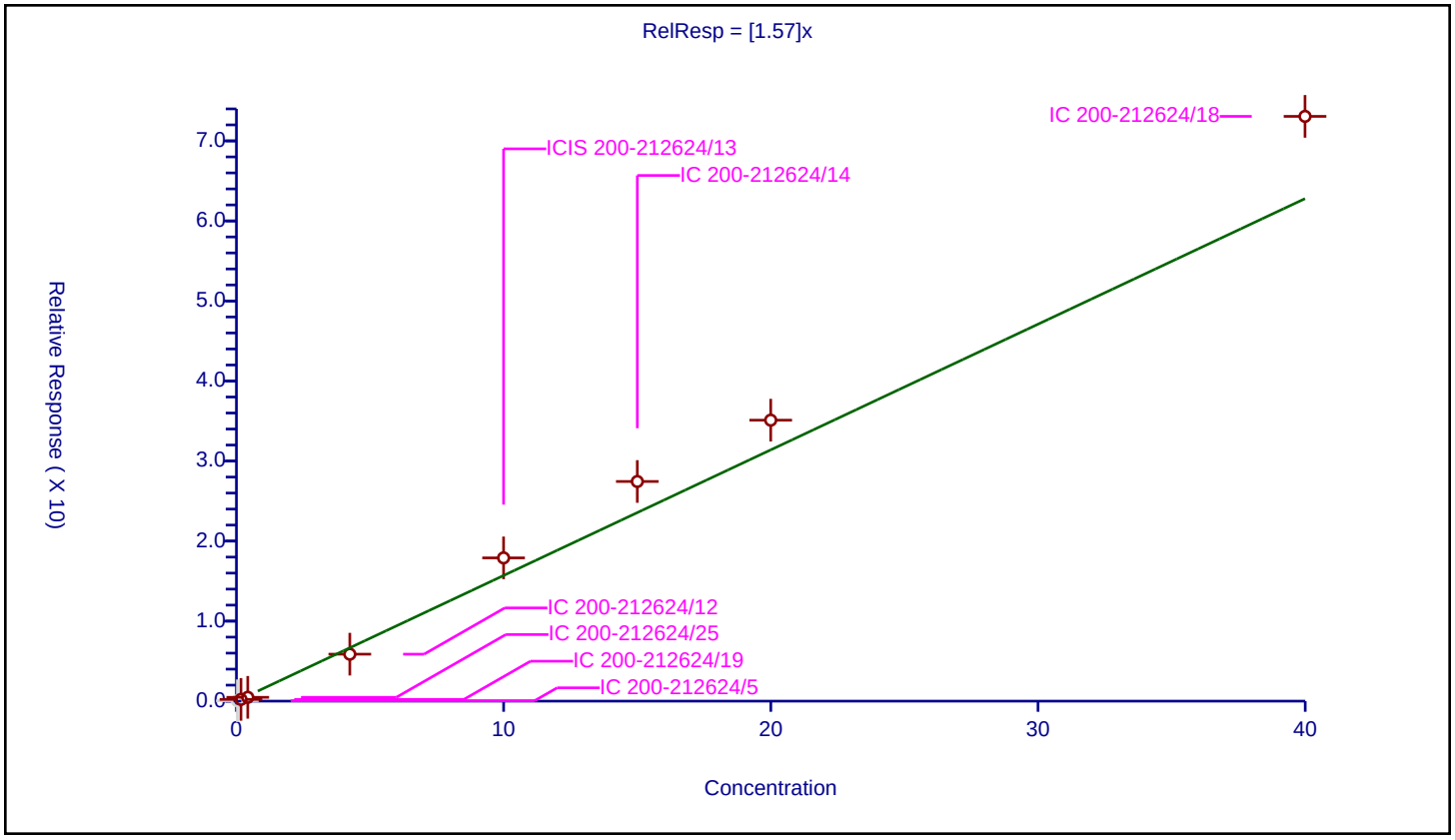
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.57 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.0 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.047381 | 10.0 | 689725.0 | 1.350779 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.218316 | 10.0 | 762380.0 | 1.281397 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.476855 | 10.0 | 764299.0 | 1.123684 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.867695 | 10.0 | 698944.0 | 1.382691 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 17.897439 | 10.0 | 736944.0 | 1.790091 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 27.444868 | 10.0 | 768019.0 | 1.829224 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 35.106119 | 10.0 | 802923.0 | 1.755647 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 73.065627 | 10.0 | 806344.0 | 1.826995 | Y |



## Calibration / 1,1,2,2-Tetrachloroethane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

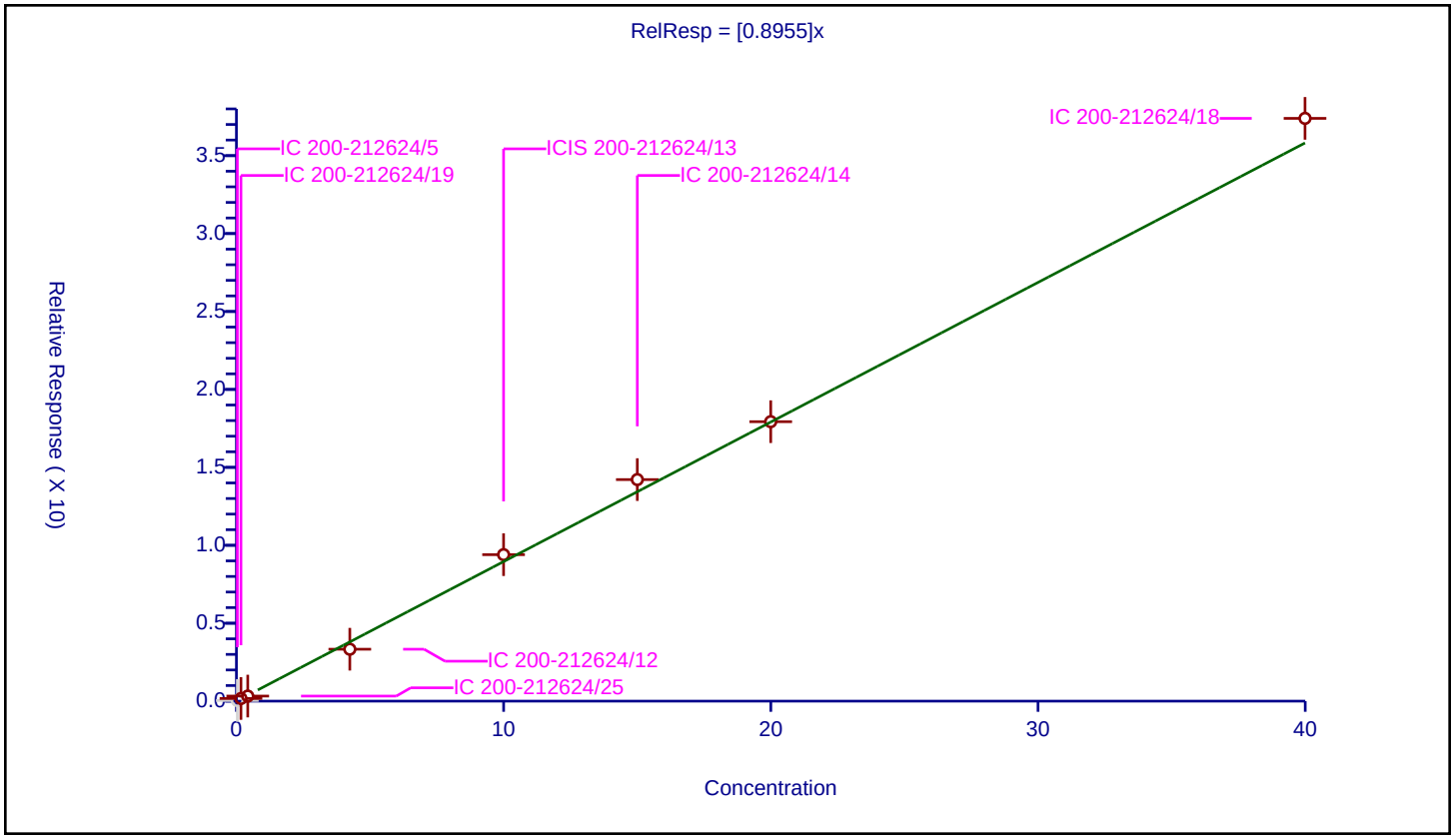
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.8955 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.040436 | 10.0 | 689725.0 | 1.152792 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.169863 | 10.0 | 762380.0 | 0.997001 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.325645 | 10.0 | 764299.0 | 0.767364 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.331855 | 10.0 | 698944.0 | 0.785134 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 9.398611 | 10.0 | 736944.0 | 0.940043 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 14.216029 | 10.0 | 768019.0 | 0.947511 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 17.93076 | 10.0 | 802923.0 | 0.896712 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 37.391014 | 10.0 | 806344.0 | 0.934957 | Y |



## Calibration / 1,2,3-Trichloropropane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

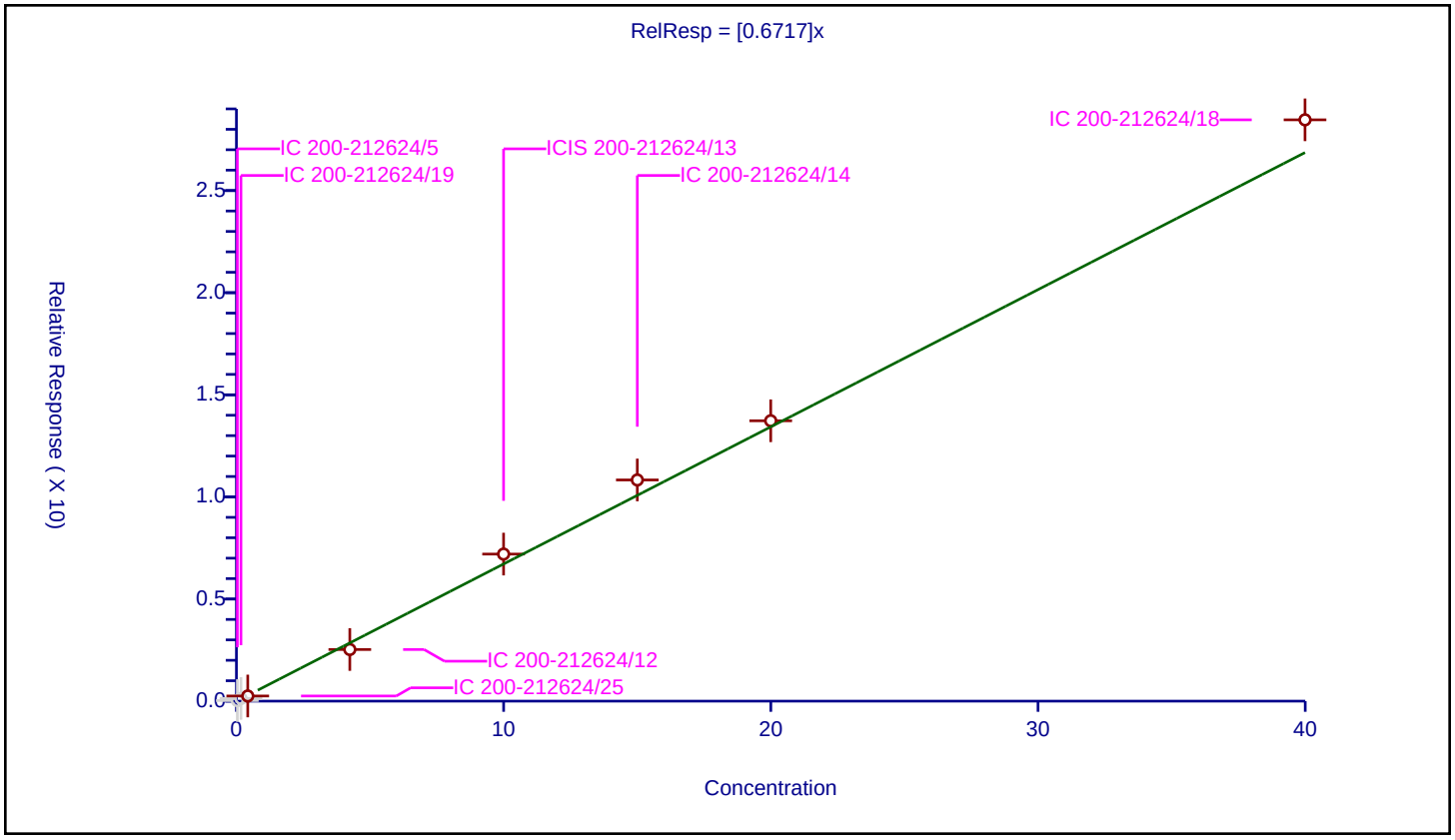
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6717 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.028461 | 10.0 | 689725.0 | 0.811377 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.132349 | 10.0 | 762380.0 | 0.776814 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.251996 | 10.0 | 764299.0 | 0.593814 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.528243 | 10.0 | 698944.0 | 0.595767 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 7.200873 | 10.0 | 736944.0 | 0.720227 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 10.830696 | 10.0 | 768019.0 | 0.721875 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 13.727817 | 10.0 | 802923.0 | 0.686524 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 28.464402 | 10.0 | 806344.0 | 0.711748 | Y |



## Calibration / N-Propylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

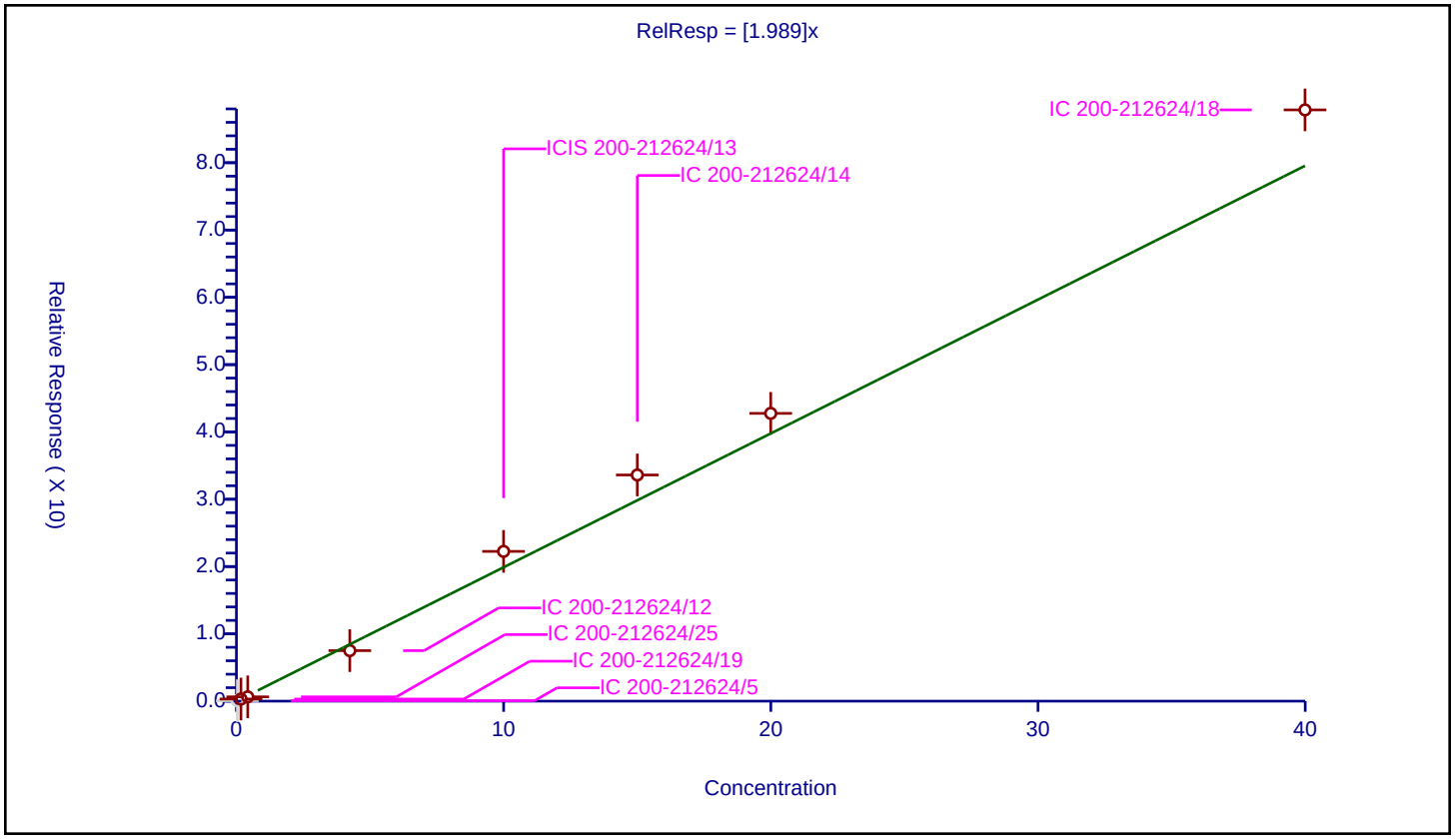
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.989 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.066824 | 10.0 | 689725.0 | 1.905062 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.31424 | 10.0 | 762380.0 | 1.844414 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.640011 | 10.0 | 764299.0 | 1.508152 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 7.506438 | 10.0 | 698944.0 | 1.768852 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 22.250564 | 10.0 | 736944.0 | 2.225488 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 33.605393 | 10.0 | 768019.0 | 2.239828 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 42.756827 | 10.0 | 802923.0 | 2.138256 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 87.850533 | 10.0 | 806344.0 | 2.19669 | Y |



## Calibration / 2-Chlorotoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

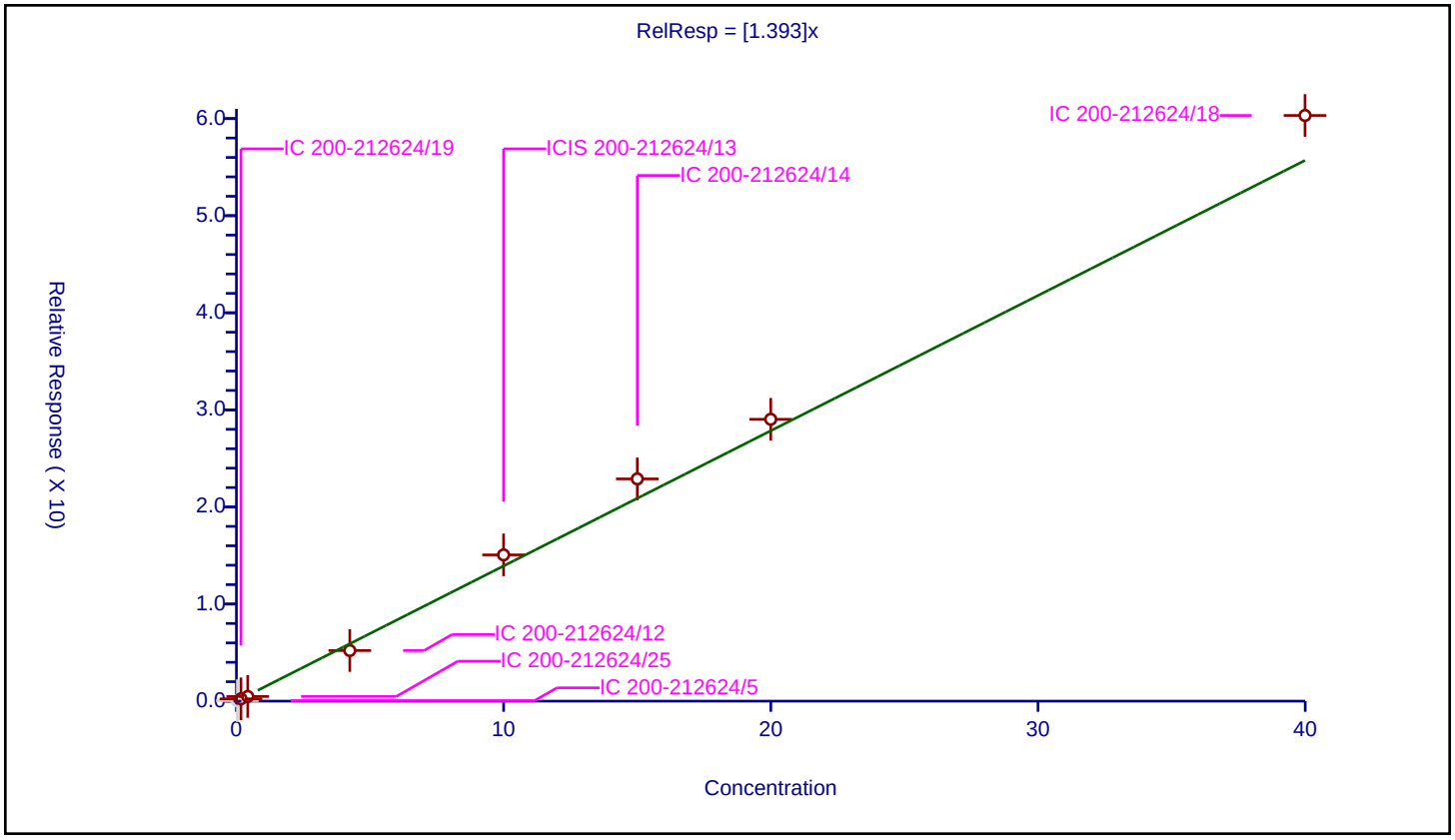
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.393 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 11.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.047642 | 10.0 | 689725.0 | 1.358219 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.237834 | 10.0 | 762380.0 | 1.395956 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.480257 | 10.0 | 764299.0 | 1.1317 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.212063 | 10.0 | 698944.0 | 1.228195 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.063506 | 10.0 | 736944.0 | 1.506643 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 22.891478 | 10.0 | 768019.0 | 1.525737 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 29.029932 | 10.0 | 802923.0 | 1.451778 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 60.322245 | 10.0 | 806344.0 | 1.508349 | Y |



## Calibration / 4-Ethyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

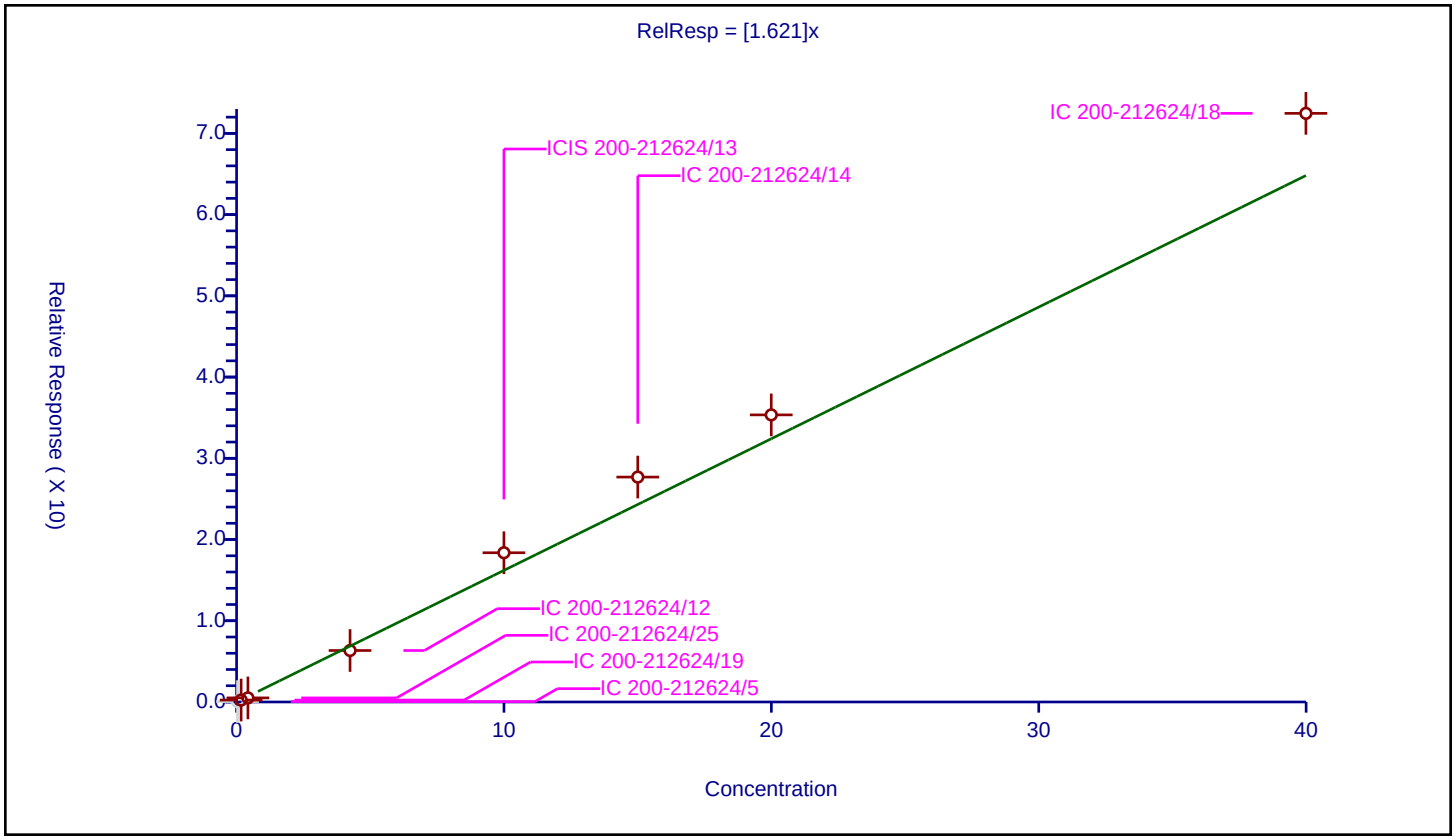
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.621 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.046598 | 10.0 | 689725.0 | 1.328459 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.238083 | 10.0 | 762380.0 | 1.397418 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.504933 | 10.0 | 764299.0 | 1.189848 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 6.337747 | 10.0 | 698944.0 | 1.493456 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 18.374259 | 10.0 | 736944.0 | 1.837782 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 27.68869 | 10.0 | 768019.0 | 1.845475 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 35.345606 | 10.0 | 802923.0 | 1.767623 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 72.465263 | 10.0 | 806344.0 | 1.811983 | Y |



## Calibration / 1,3,5-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

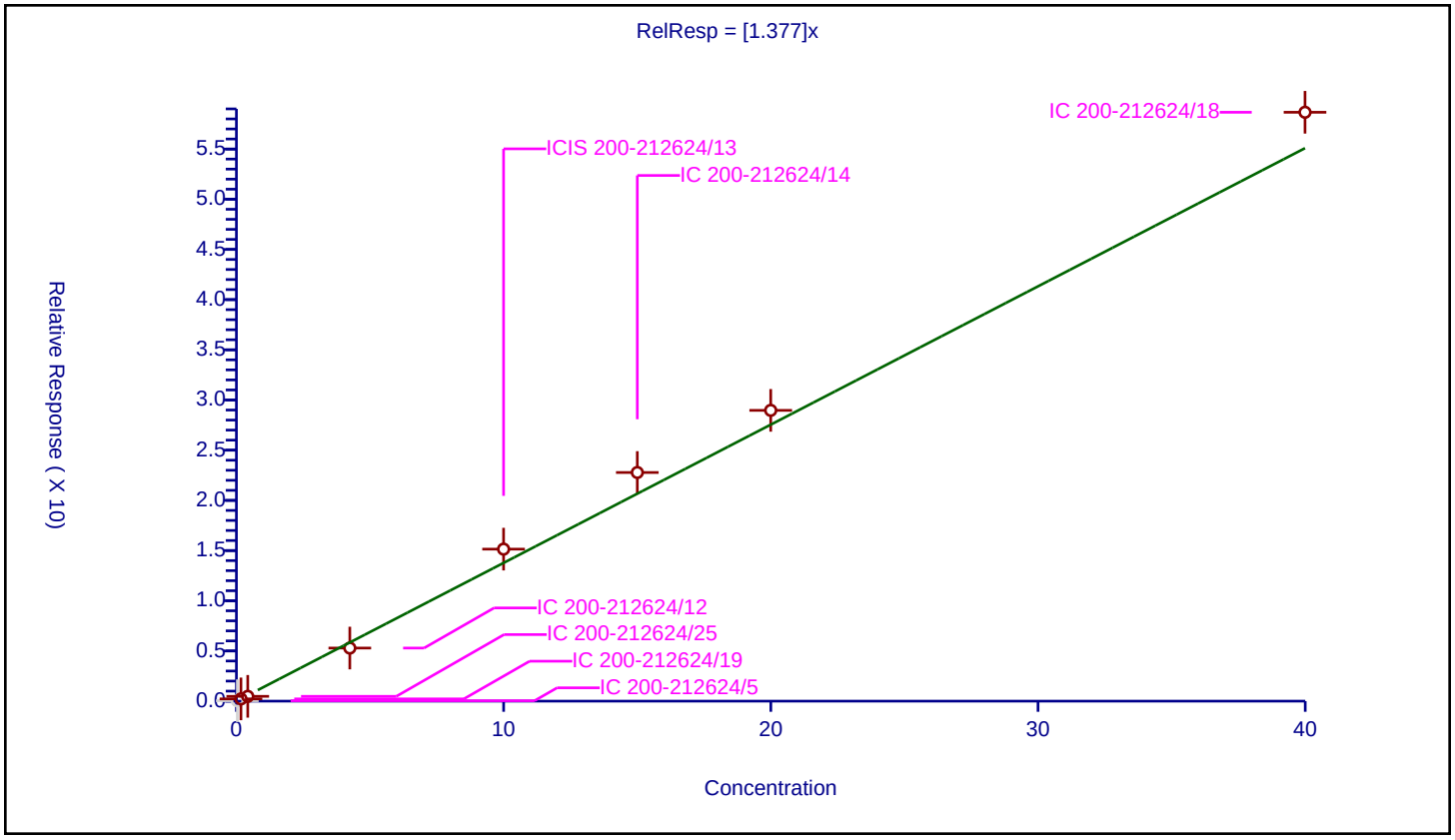
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.377 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 10.8 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.040204 | 10.0 | 689725.0 | 1.146178 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.224442 | 10.0 | 762380.0 | 1.31735 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.479511 | 10.0 | 764299.0 | 1.129943 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.288879 | 10.0 | 698944.0 | 1.246296 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.142765 | 10.0 | 736944.0 | 1.51457 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 22.778304 | 10.0 | 768019.0 | 1.518194 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 28.966862 | 10.0 | 802923.0 | 1.448624 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 58.662345 | 10.0 | 806344.0 | 1.466843 | Y |



## Calibration / n-Decane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

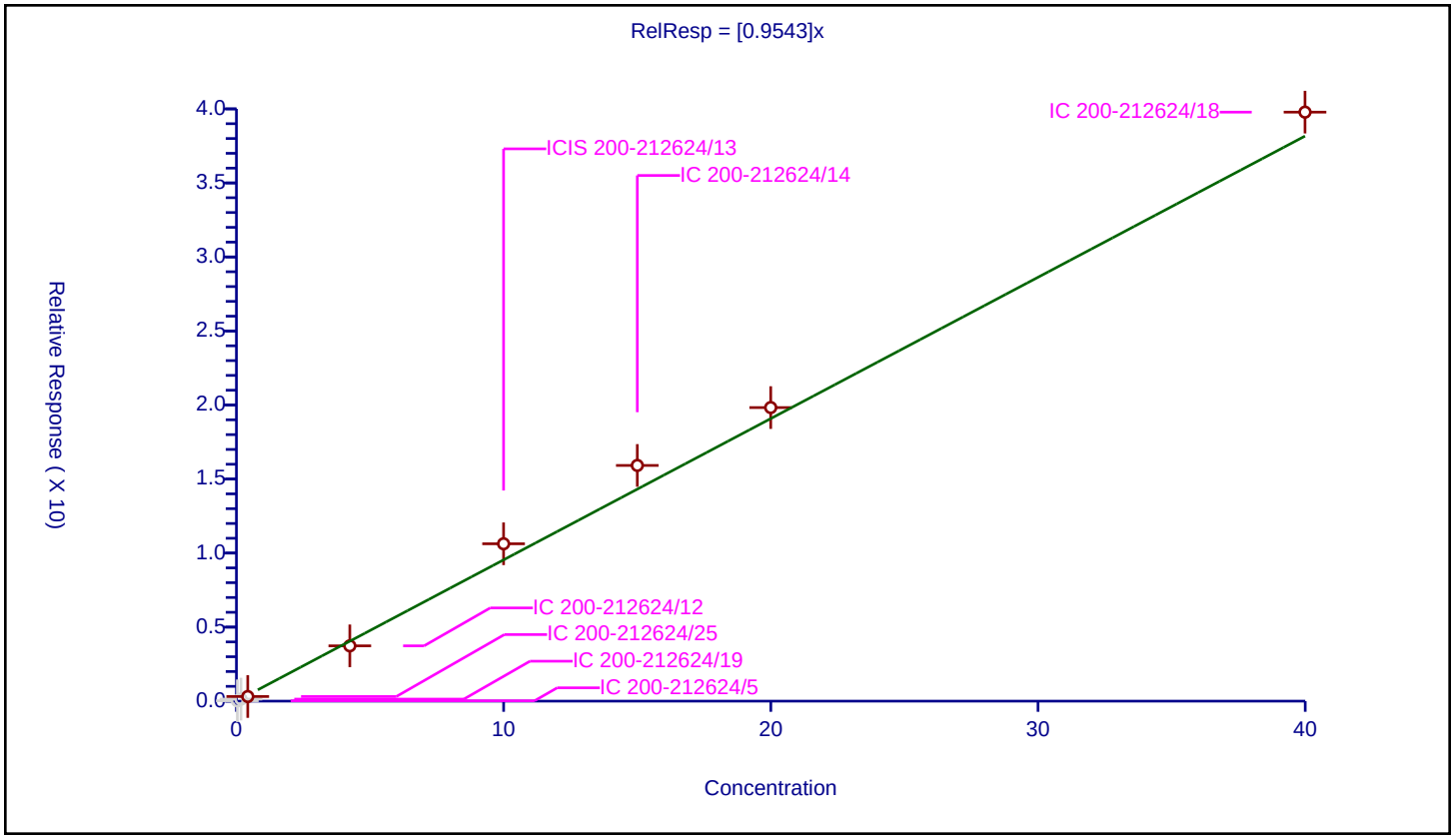
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9543 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.023821 | 10.0 | 689725.0 | 0.67911 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.138094 | 10.0 | 762380.0 | 0.810535 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.311959 | 10.0 | 764299.0 | 0.735115 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.735163 | 10.0 | 698944.0 | 0.880171 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.628569 | 10.0 | 736944.0 | 1.063063 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 15.919281 | 10.0 | 768019.0 | 1.061034 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 19.827007 | 10.0 | 802923.0 | 0.991543 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 39.780714 | 10.0 | 806344.0 | 0.994711 | Y |



## Calibration / Alpha Methyl Styrene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

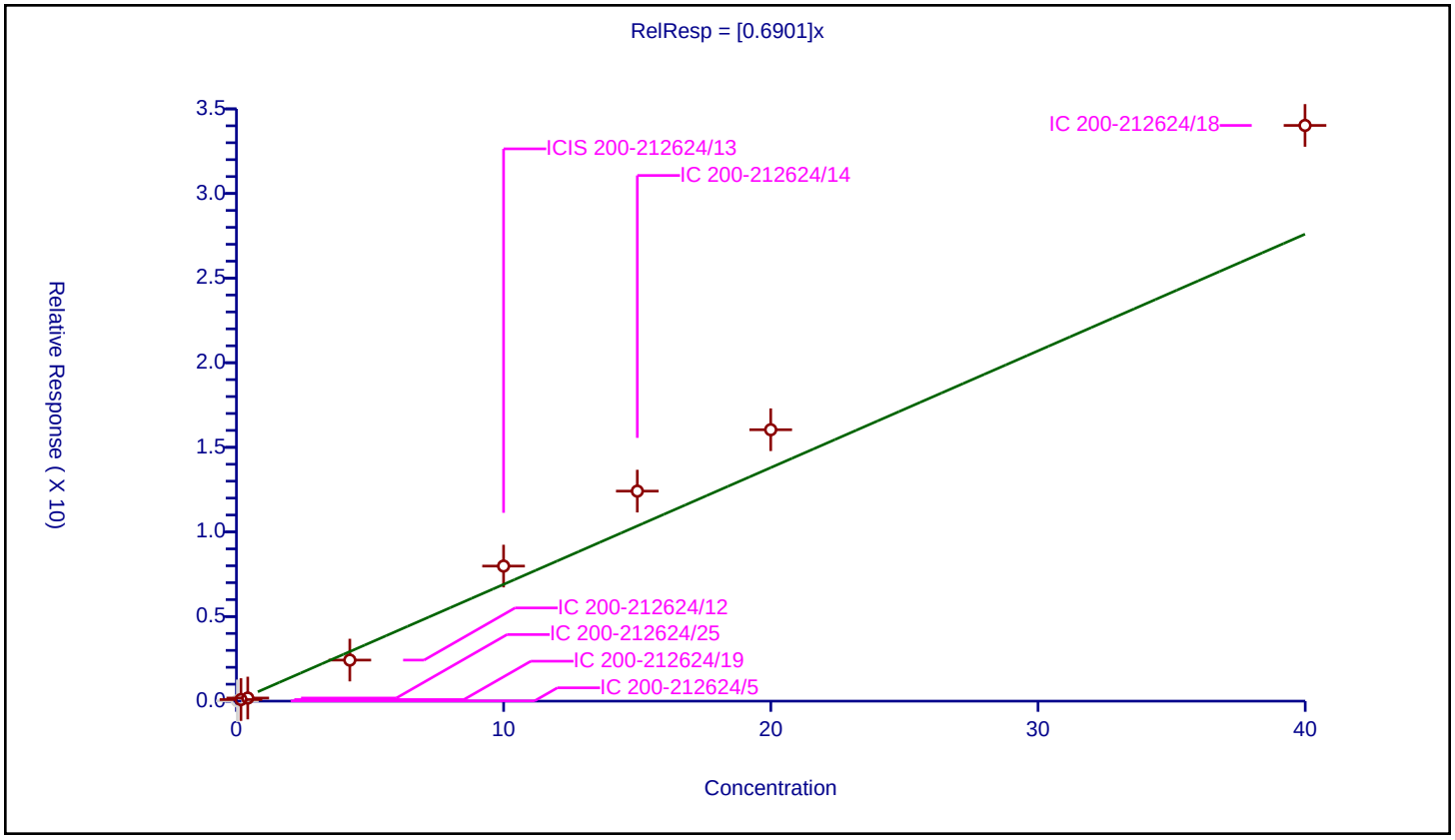
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6901 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 24.3 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.014354 | 10.0 | 689725.0 | 0.409202 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.093077 | 10.0 | 762380.0 | 0.54631 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.184116 | 10.0 | 764299.0 | 0.43386 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 2.426303 | 10.0 | 698944.0 | 0.571745 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 7.98214 | 10.0 | 736944.0 | 0.798369 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 12.412271 | 10.0 | 768019.0 | 0.827289 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 16.039458 | 10.0 | 802923.0 | 0.802129 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 34.021869 | 10.0 | 806344.0 | 0.850712 | Y |



## Calibration / tert-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

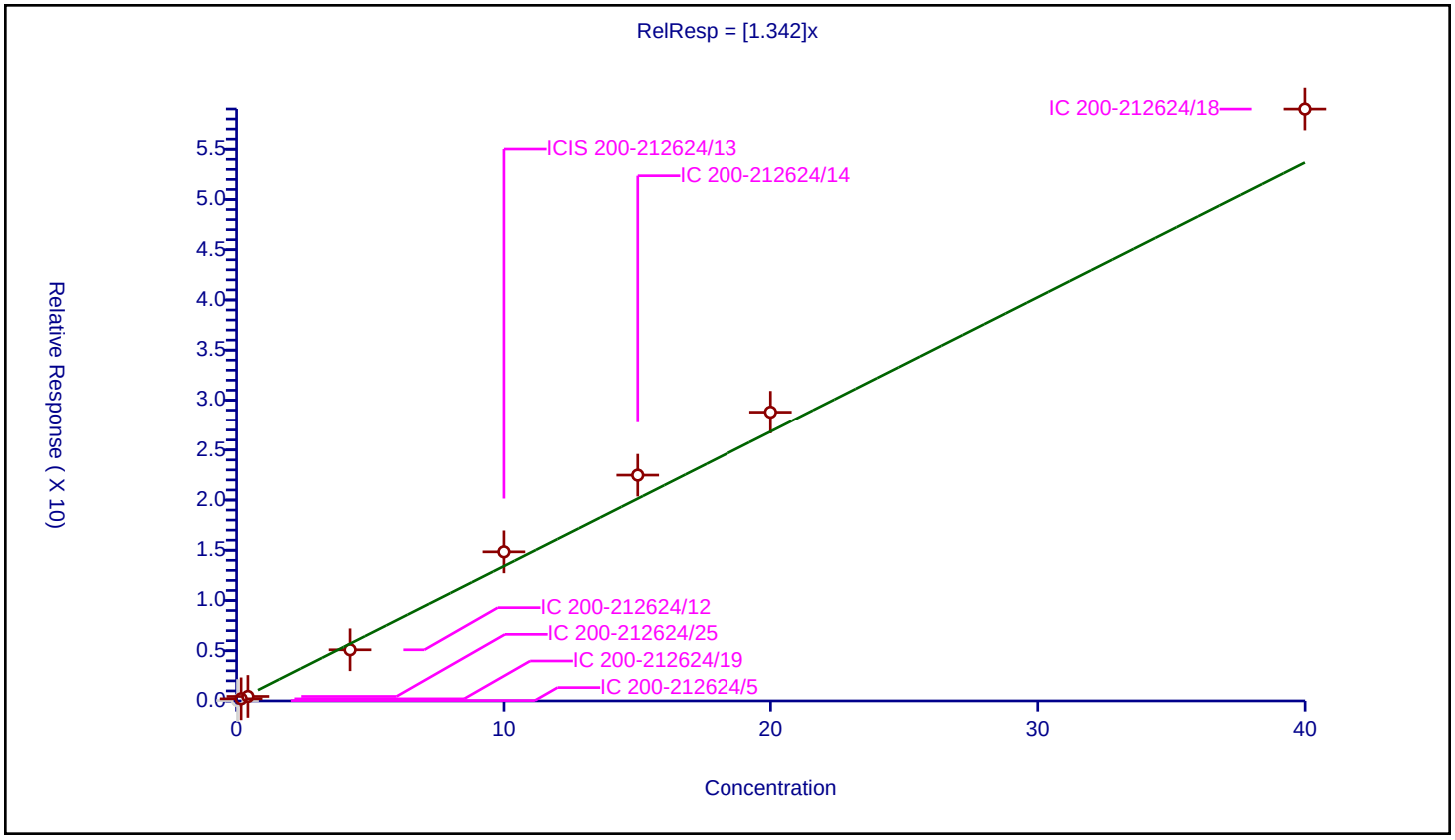
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.342 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.039088 | 10.0 | 689725.0 | 1.114351 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.212086 | 10.0 | 762380.0 | 1.244827 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.446854 | 10.0 | 764299.0 | 1.052987 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.096088 | 10.0 | 698944.0 | 1.200866 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 14.84167 | 10.0 | 736944.0 | 1.484455 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 22.48391 | 10.0 | 768019.0 | 1.498572 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 28.796086 | 10.0 | 802923.0 | 1.440084 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 58.993147 | 10.0 | 806344.0 | 1.475115 | Y |



## Calibration / 1,2,4-Trimethylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

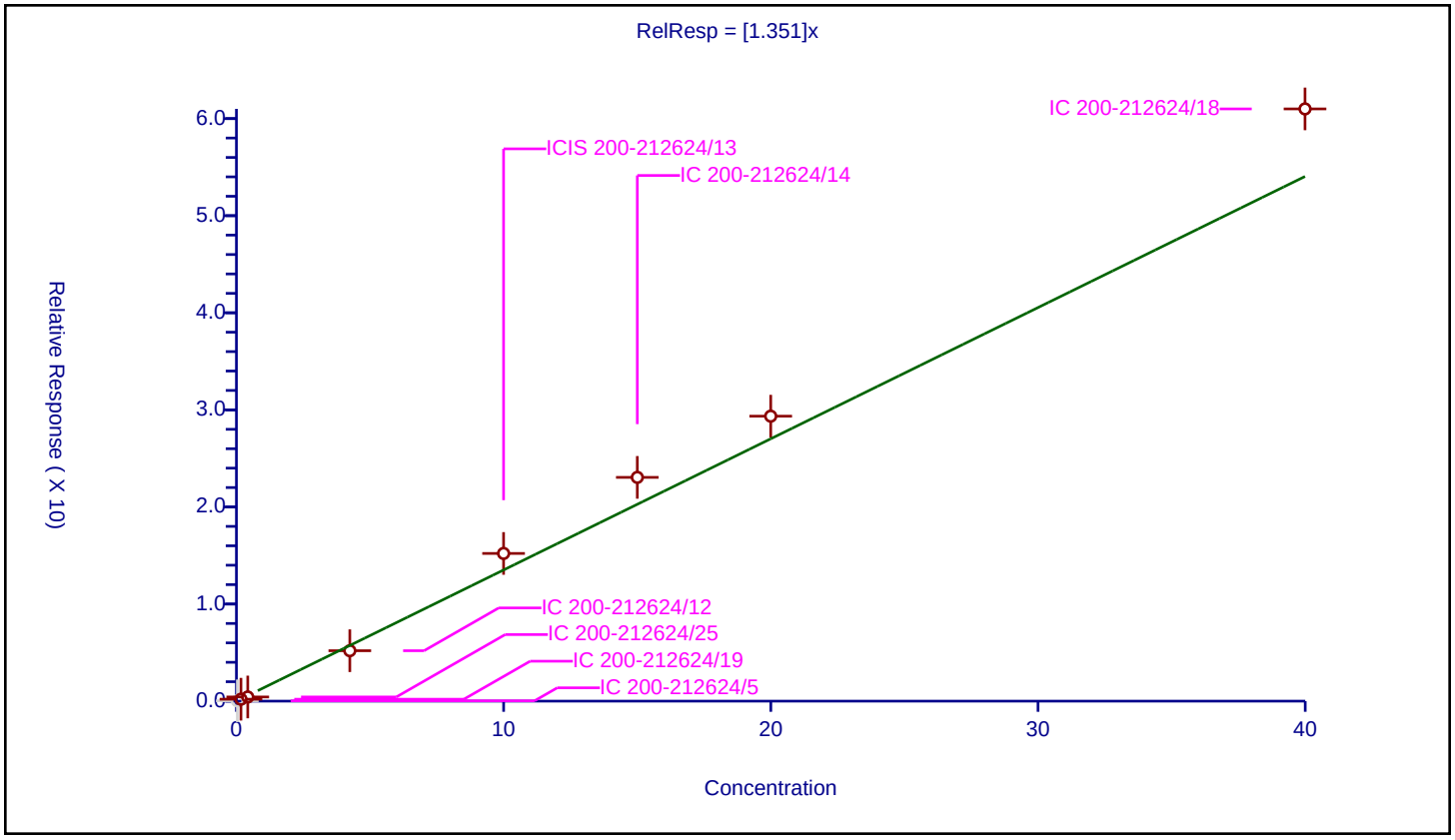
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.351 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 15.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.032999 | 10.0 | 689725.0 | 0.940751 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.199782 | 10.0 | 762380.0 | 1.172612 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.429308 | 10.0 | 764299.0 | 1.011642 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.194479 | 10.0 | 698944.0 | 1.224051 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 15.211522 | 10.0 | 736944.0 | 1.521447 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 23.046917 | 10.0 | 768019.0 | 1.536097 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 29.350934 | 10.0 | 802923.0 | 1.467831 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 60.996448 | 10.0 | 806344.0 | 1.525207 | Y |



## Calibration / sec-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

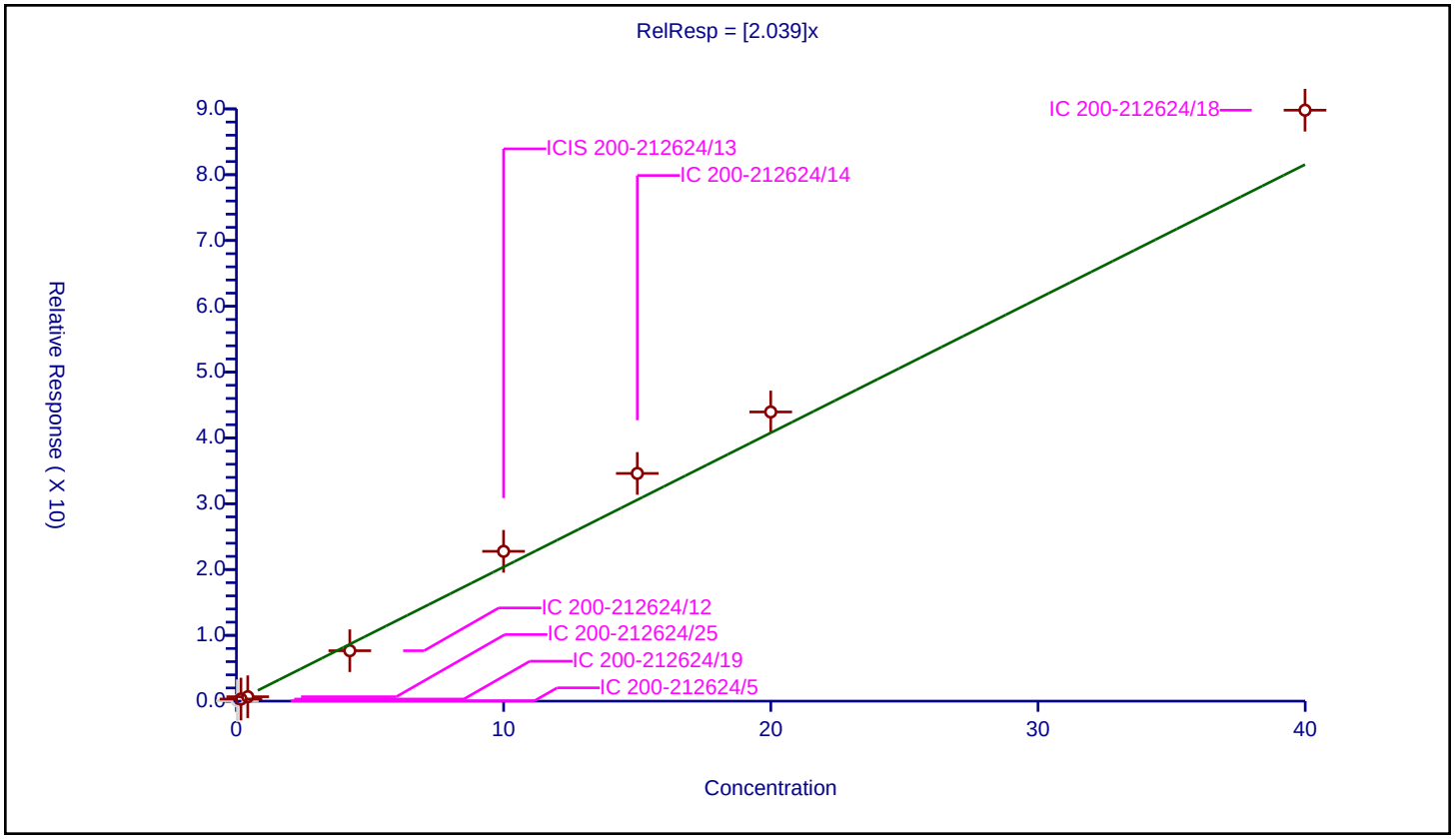
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 2.039 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.058125 | 10.0 | 689725.0 | 1.657061 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.317716 | 10.0 | 762380.0 | 1.864816 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.66839 | 10.0 | 764299.0 | 1.575026 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 7.663289 | 10.0 | 698944.0 | 1.805813 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 22.765814 | 10.0 | 736944.0 | 2.277023 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 34.602191 | 10.0 | 768019.0 | 2.306266 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 43.945933 | 10.0 | 802923.0 | 2.197723 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 89.801685 | 10.0 | 806344.0 | 2.245478 | Y |



## Calibration / 1,3-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

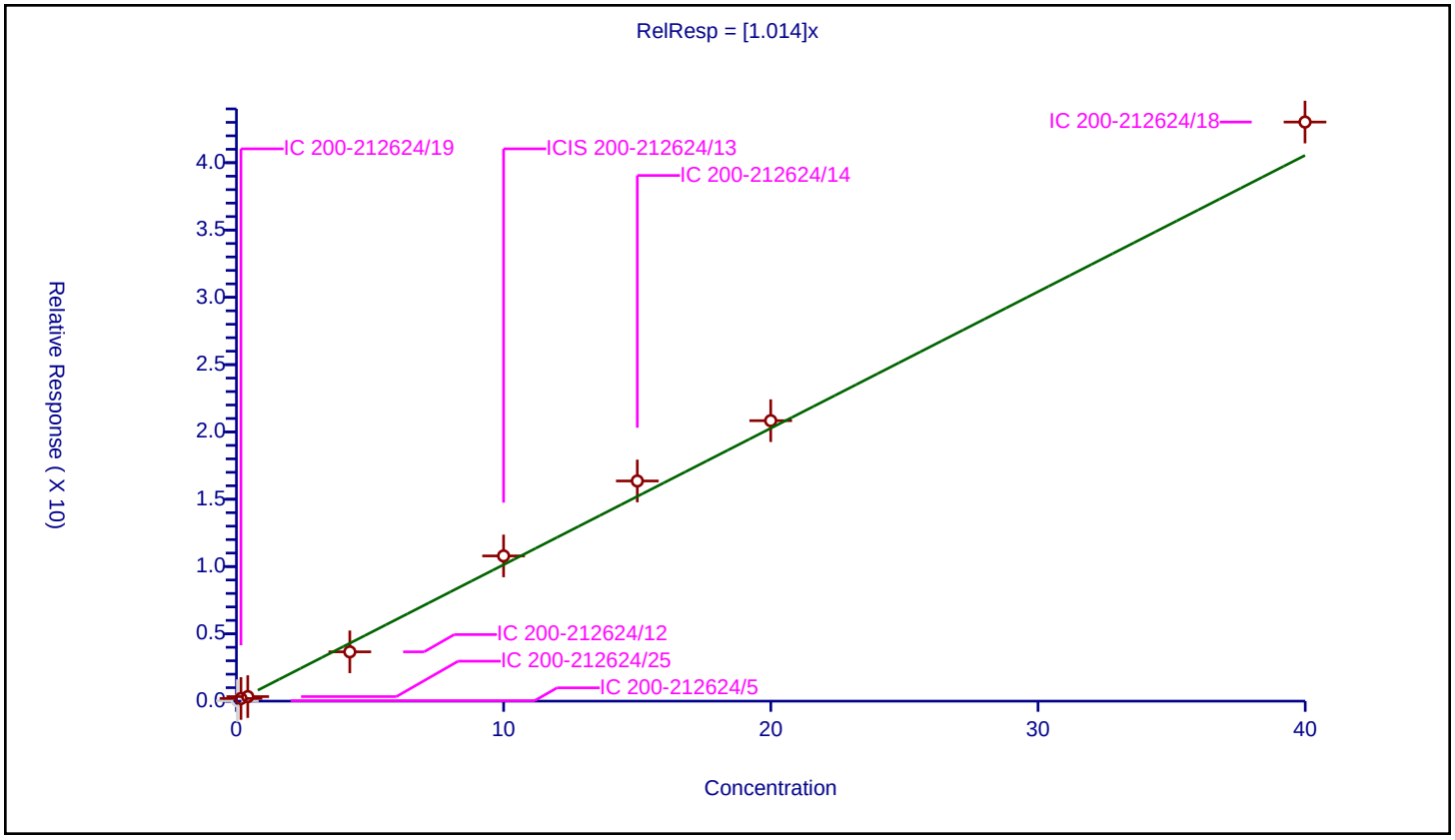
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.014 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 12.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.02991 | 10.0 | 689725.0 | 0.85271 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.195887 | 10.0 | 762380.0 | 1.149746 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.338061 | 10.0 | 764299.0 | 0.796624 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.664013 | 10.0 | 698944.0 | 0.863405 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.789164 | 10.0 | 736944.0 | 1.079126 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 16.357577 | 10.0 | 768019.0 | 1.090247 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 20.836456 | 10.0 | 802923.0 | 1.042025 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 43.022209 | 10.0 | 806344.0 | 1.075764 | Y |



## Calibration / 4-Isopropyltoluene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

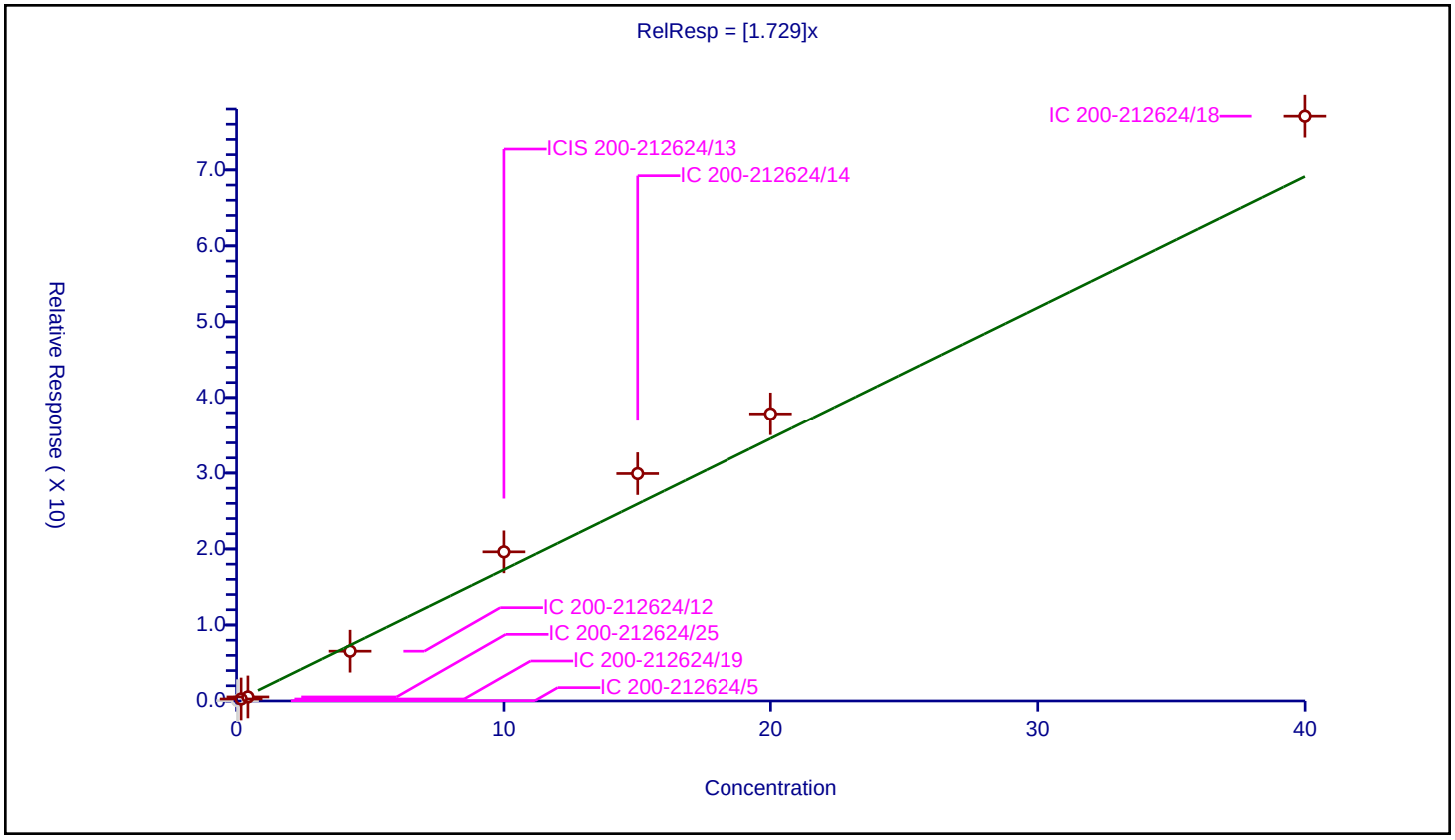
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.729 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 16.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.041089 | 10.0 | 689725.0 | 1.171392 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.260448 | 10.0 | 762380.0 | 1.528684 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.530695 | 10.0 | 764299.0 | 1.250555 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 6.552342 | 10.0 | 698944.0 | 1.544024 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 19.619768 | 10.0 | 736944.0 | 1.962357 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 29.931108 | 10.0 | 768019.0 | 1.994934 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 37.847776 | 10.0 | 802923.0 | 1.892756 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 77.060833 | 10.0 | 806344.0 | 1.926895 | Y |



## Calibration / 1,4-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

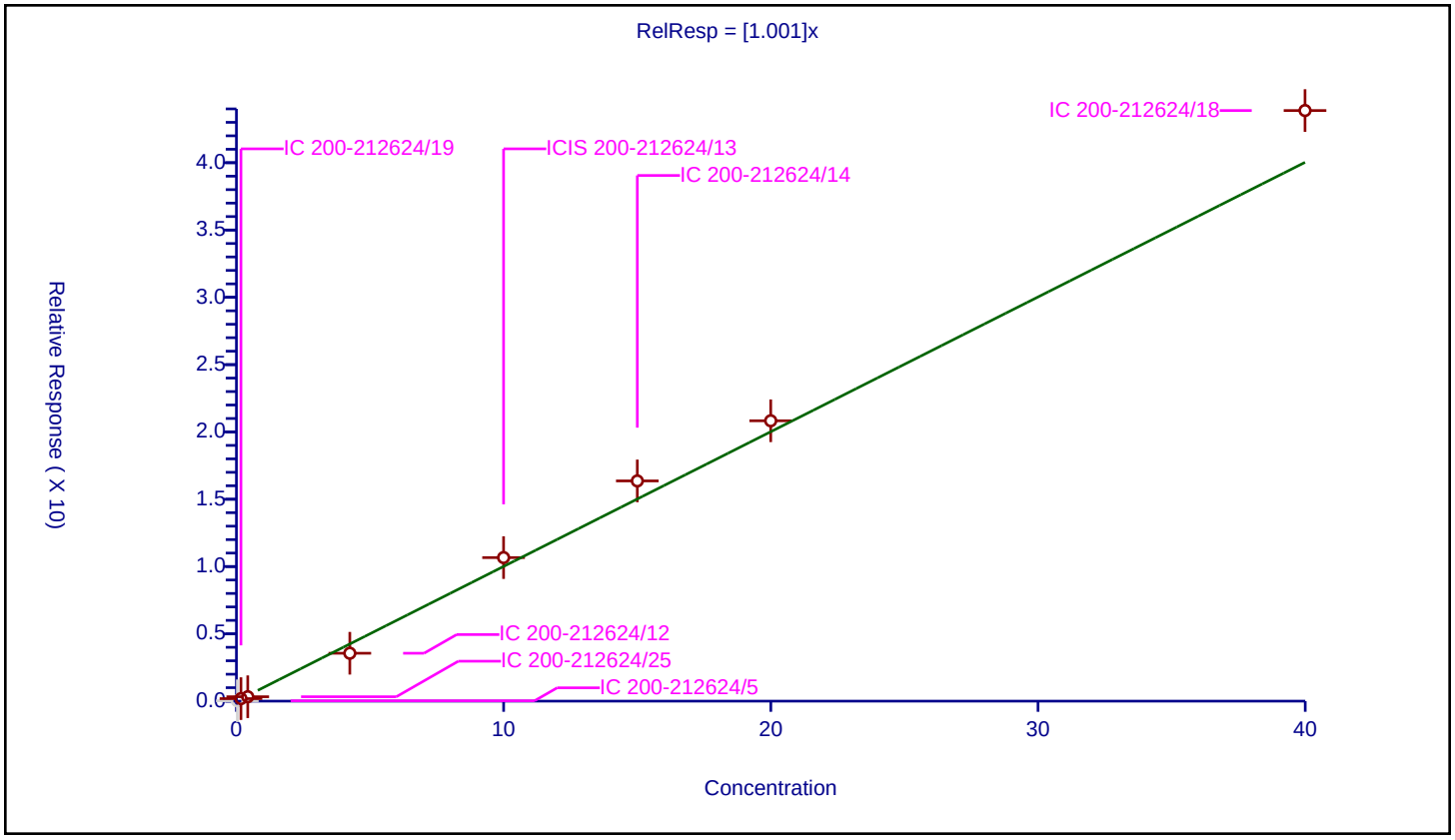
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.001 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 13.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.027054 | 10.0 | 689725.0 | 0.771283 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.187348 | 10.0 | 762380.0 | 1.099627 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.32766 | 10.0 | 764299.0 | 0.772113 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.55937 | 10.0 | 698944.0 | 0.838746 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.663863 | 10.0 | 736944.0 | 1.066593 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 16.360832 | 10.0 | 768019.0 | 1.090464 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 20.829718 | 10.0 | 802923.0 | 1.041688 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 43.876931 | 10.0 | 806344.0 | 1.097136 | Y |



## Calibration / Benzyl chloride

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

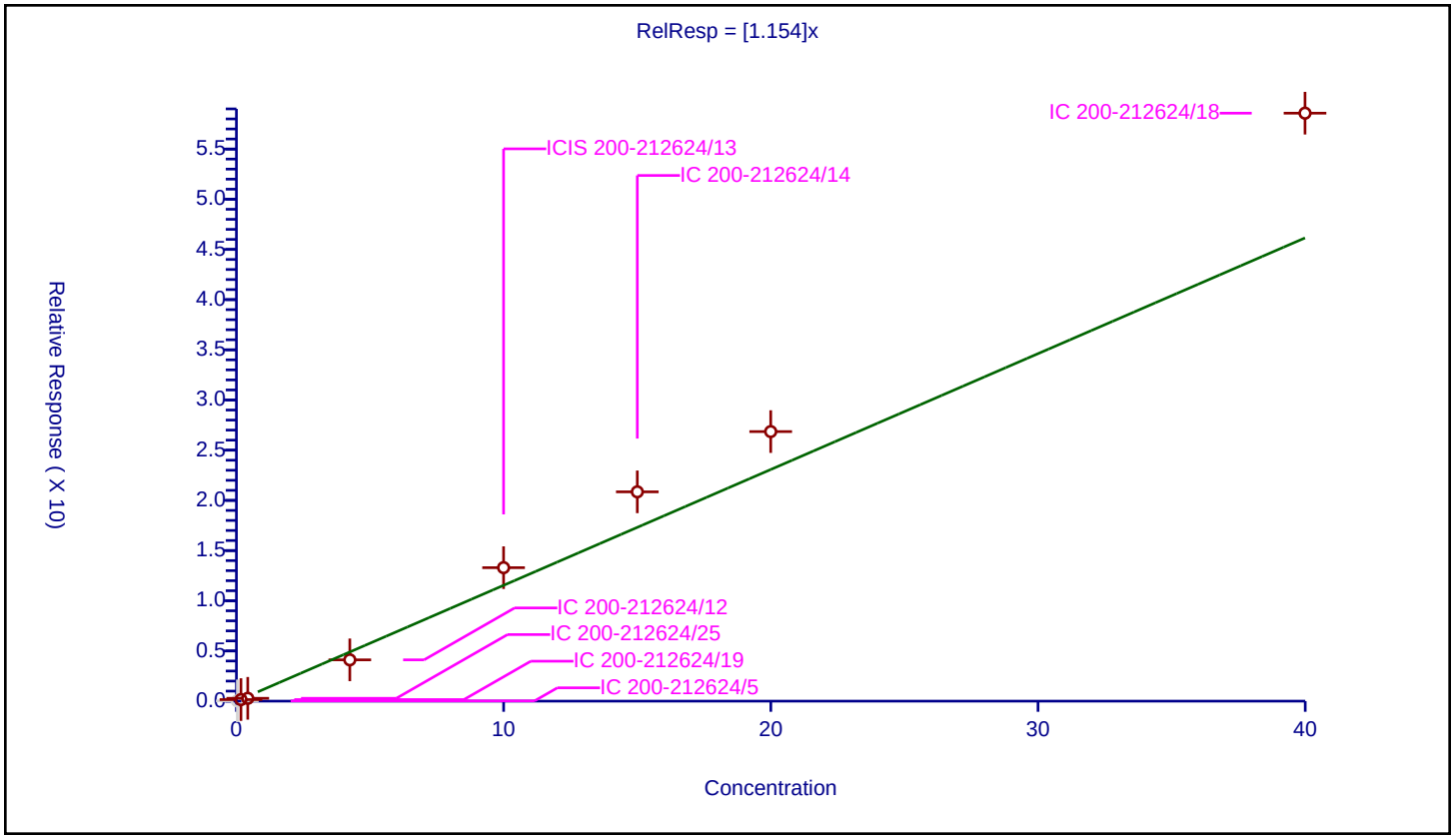
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.154 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 26.2 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.024734 | 10.0 | 689725.0 | 0.70515 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.156221 | 10.0 | 762380.0 | 0.916933 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.281408 | 10.0 | 764299.0 | 0.663123 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 4.115222 | 10.0 | 698944.0 | 0.96973 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 13.297605 | 10.0 | 736944.0 | 1.330019 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 20.851138 | 10.0 | 768019.0 | 1.389746 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 26.853895 | 10.0 | 802923.0 | 1.342955 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 58.572321 | 10.0 | 806344.0 | 1.464592 | Y |



## Calibration / n-Butylbenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

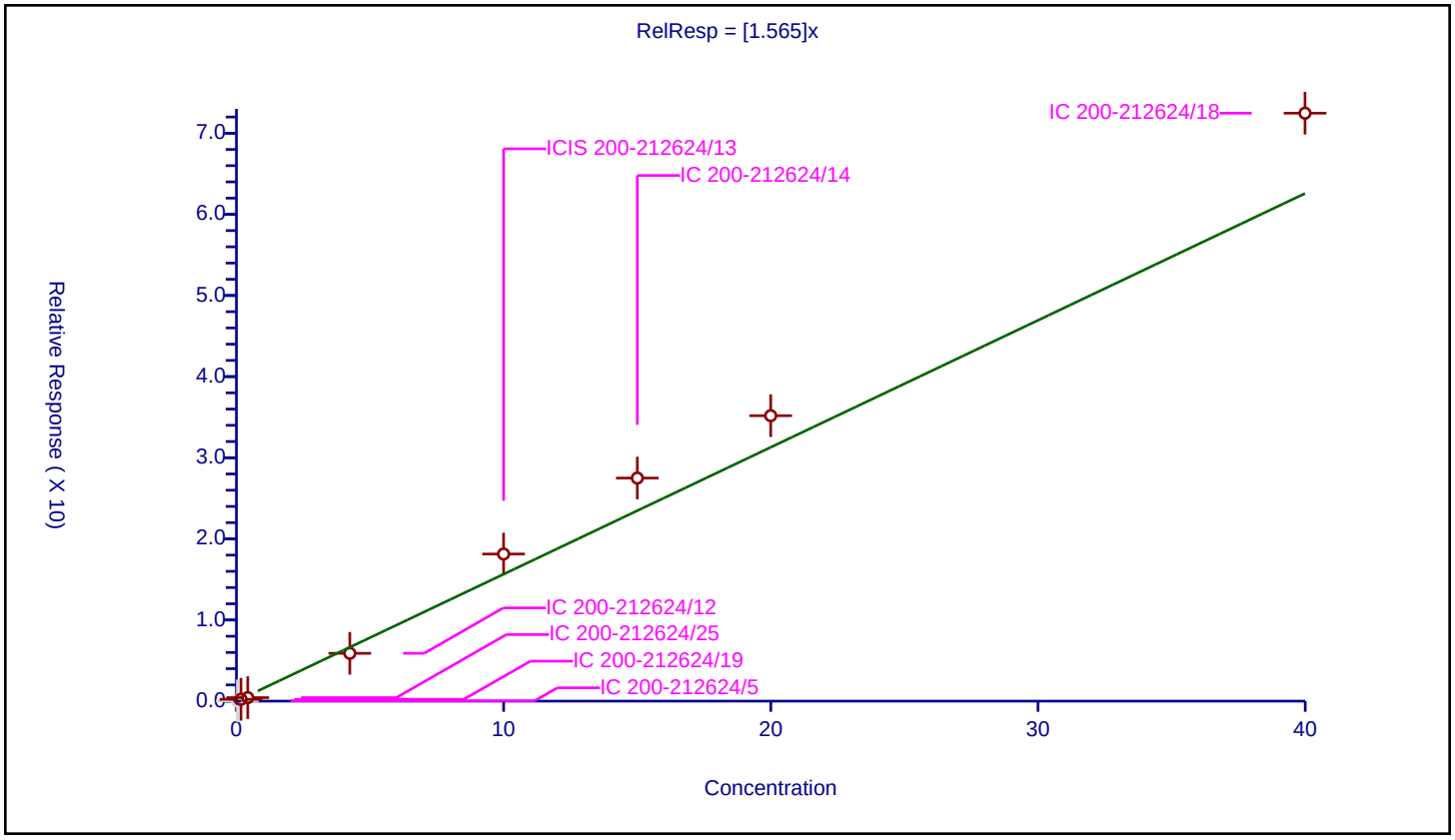
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.565 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.034724 | 10.0 | 689725.0 | 0.989938 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.226737 | 10.0 | 762380.0 | 1.330823 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.430918 | 10.0 | 764299.0 | 1.015434 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 5.893419 | 10.0 | 698944.0 | 1.388753 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 18.134227 | 10.0 | 736944.0 | 1.813775 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 27.497419 | 10.0 | 768019.0 | 1.832727 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 35.183187 | 10.0 | 802923.0 | 1.759501 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 72.471588 | 10.0 | 806344.0 | 1.812141 | Y |



## Calibration / 1,2-Dichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

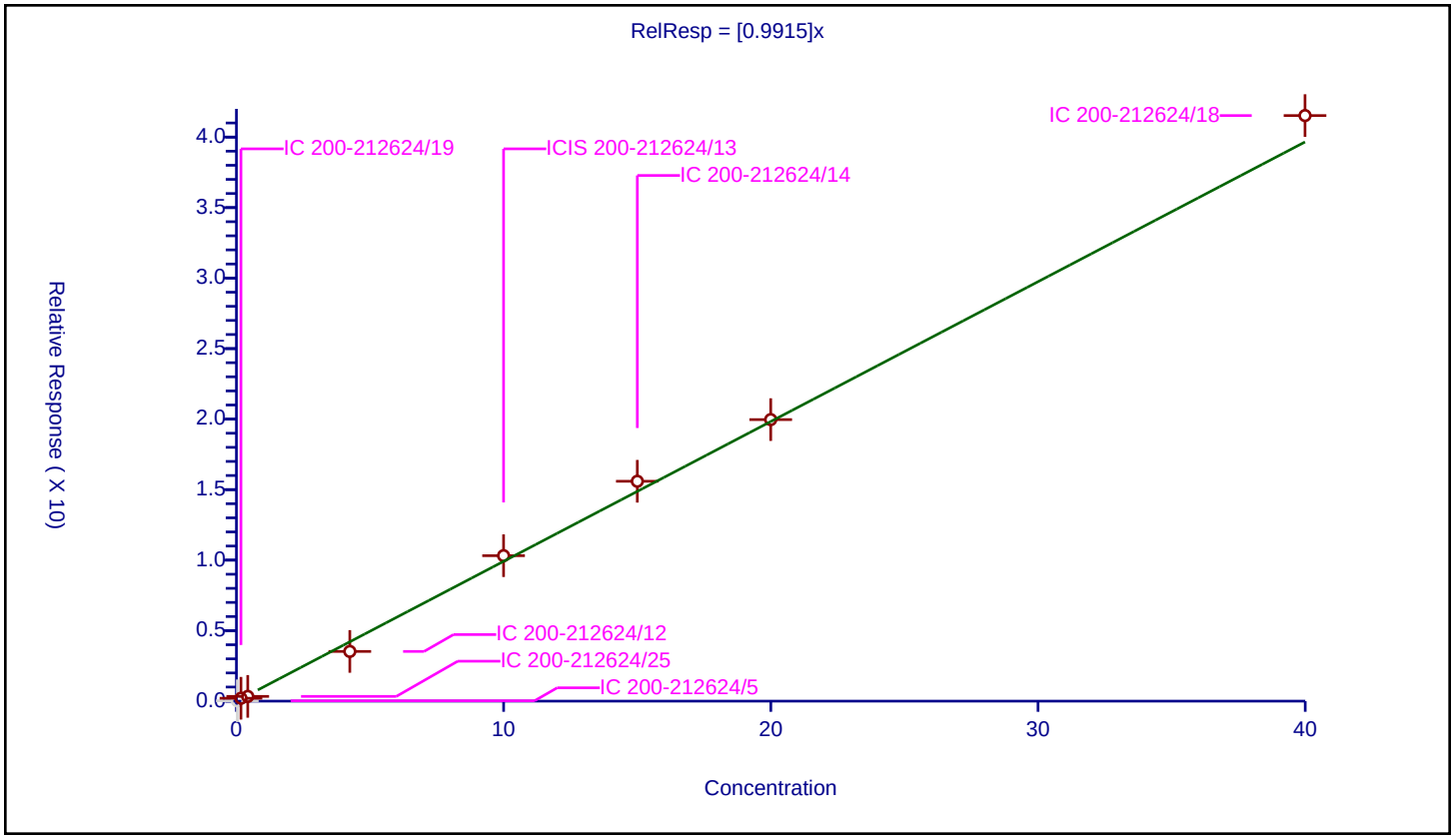
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.9915 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 14.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.026242 | 10.0 | 689725.0 | 0.748137 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.205777 | 10.0 | 762380.0 | 1.207796 | Y |
| 3 | IC 200-212624/25 | 0.424368 | 0.337015 | 10.0 | 764299.0 | 0.794157 | Y |
| 4 | IC 200-212624/12 | 4.243678 | 3.525647 | 10.0 | 698944.0 | 0.8308 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 10.316143 | 10.0 | 736944.0 | 1.031815 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 15.593742 | 10.0 | 768019.0 | 1.039336 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 19.965999 | 10.0 | 802923.0 | 0.998494 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 41.525342 | 10.0 | 806344.0 | 1.038335 | Y |



## Calibration / Undecane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

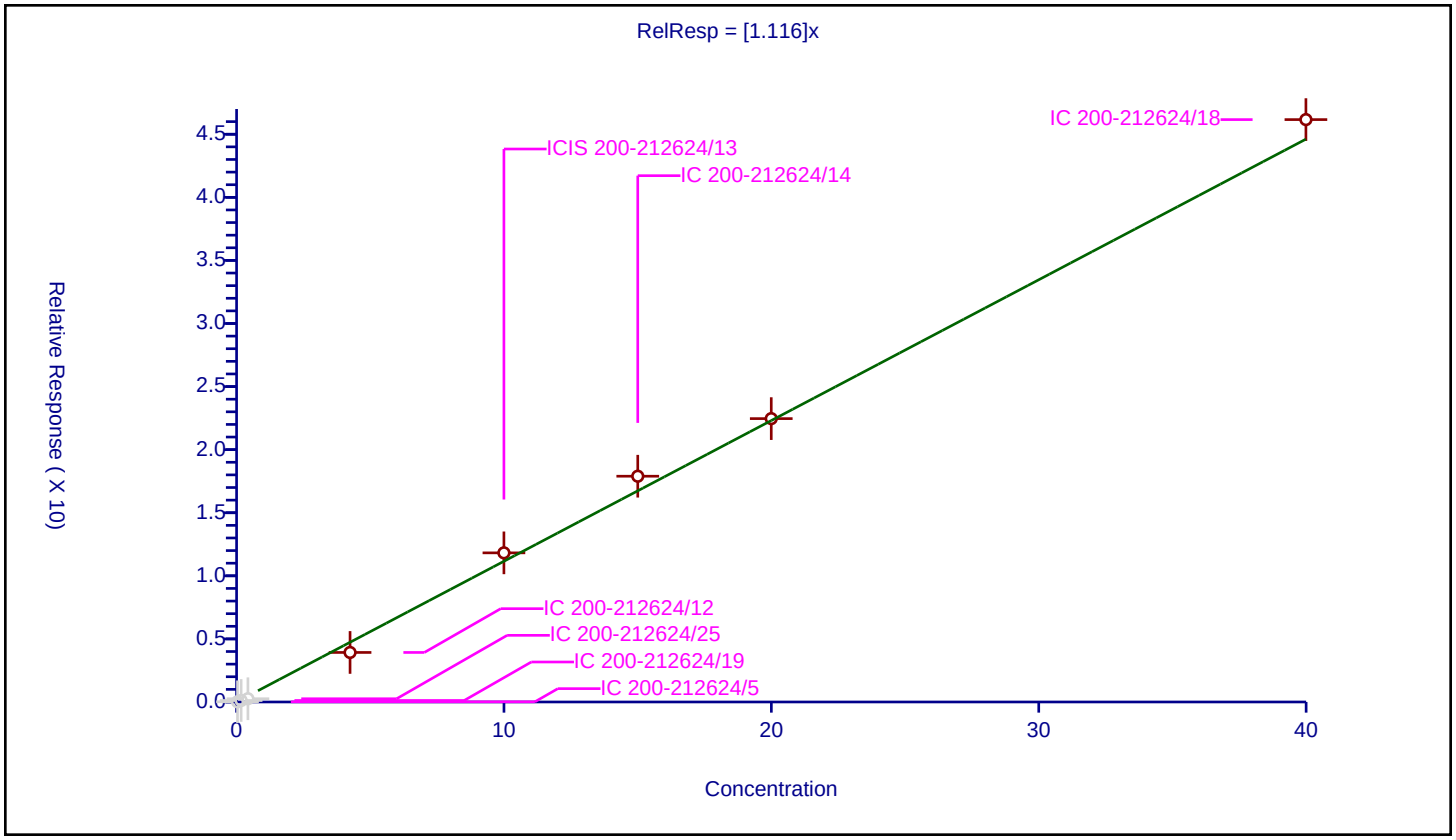
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.116 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 9.9 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.014977 | 10.0 | 689725.0 | 0.426975 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.119153 | 10.0 | 762380.0 | 0.699364 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.257648 | 10.0 | 764299.0 | 0.607133 | N |
| 4 | IC 200-212624/12 | 4.243678 | 3.925322 | 10.0 | 698944.0 | 0.924981 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 11.821007 | 10.0 | 736944.0 | 1.18233 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 17.895534 | 10.0 | 768019.0 | 1.192753 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 22.460286 | 10.0 | 802923.0 | 1.123232 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 46.160733 | 10.0 | 806344.0 | 1.154242 | Y |



## Calibration / Dodecane

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

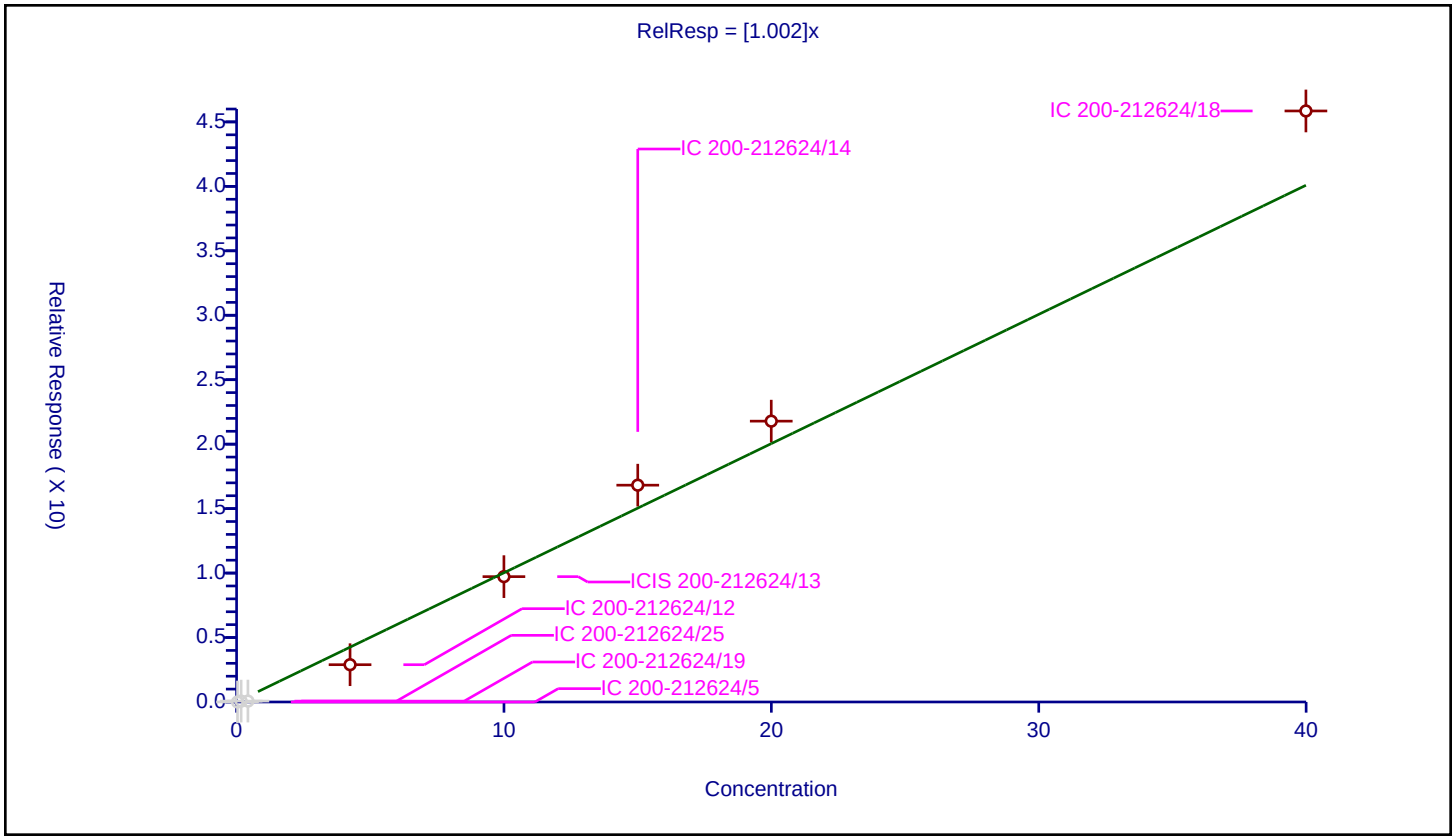
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.002 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 19.1 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.035077 | 0.0 | 10.0 | 689725.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.170374 | 0.06725 | 10.0 | 762380.0 | 0.39472 | N |
| 3 | IC 200-212624/25 | 0.424368 | 0.07149 | 10.0 | 764299.0 | 0.168463 | N |
| 4 | IC 200-212624/12 | 4.243678 | 2.893622 | 10.0 | 698944.0 | 0.681867 | Y |
| 5 | ICIS 200-212624/13 | 9.99806 | 9.723778 | 10.0 | 736944.0 | 0.972567 | Y |
| 6 | IC 200-212624/14 | 15.003557 | 16.819688 | 10.0 | 768019.0 | 1.121047 | Y |
| 7 | IC 200-212624/17 | 19.99612 | 21.786286 | 10.0 | 802923.0 | 1.089526 | Y |
| 8 | IC 200-212624/18 | 39.99224 | 45.849253 | 10.0 | 806344.0 | 1.146454 | Y |



## Calibration / 1,2,4-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

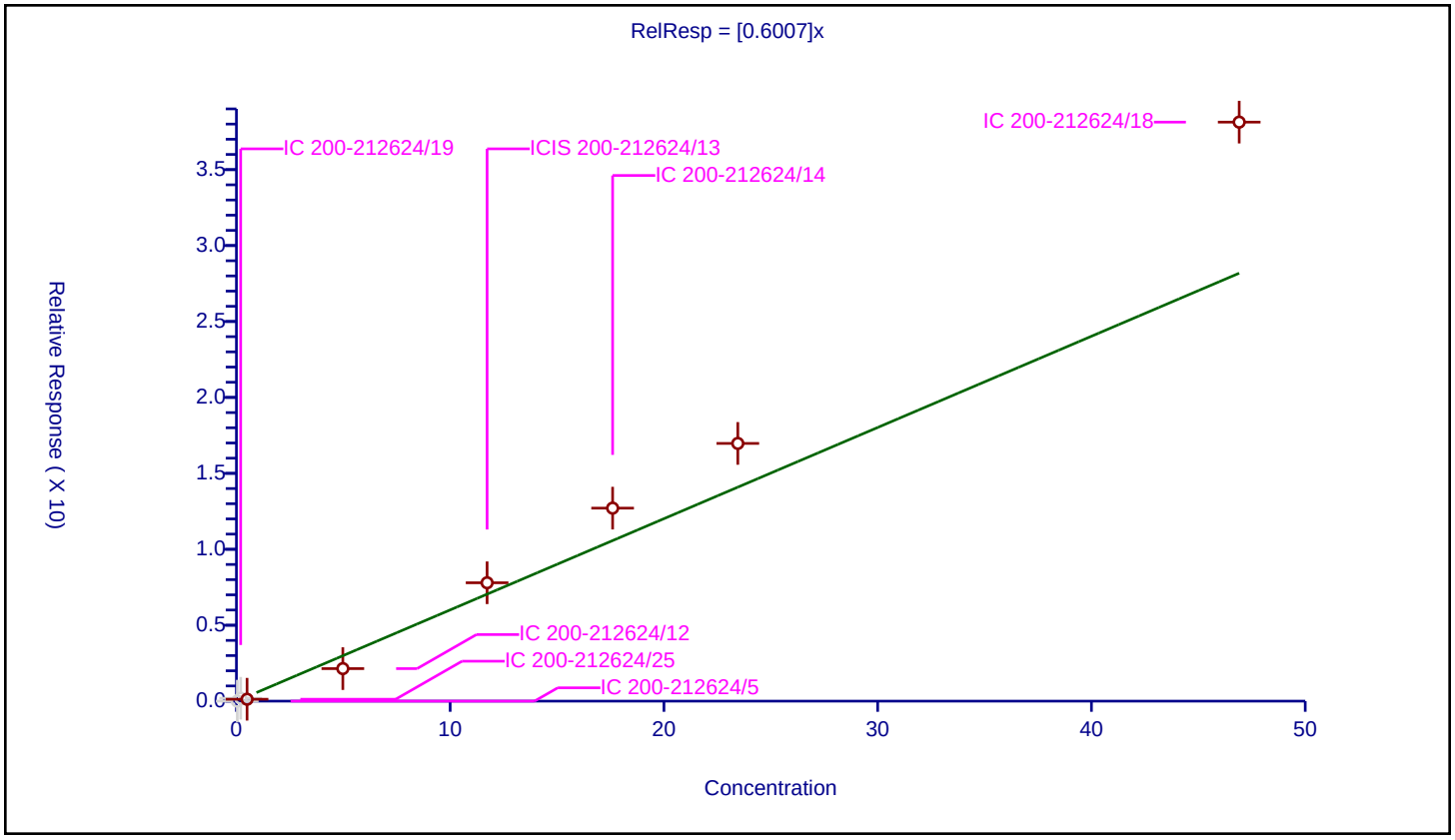
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.6007 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 35.7 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.041145 | 0.0 | 10.0 | 689725.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.199848 | 0.189958 | 10.0 | 762380.0 | 0.950509 | N |
| 3 | IC 200-212624/25 | 0.497783 | 0.124703 | 10.0 | 764299.0 | 0.250516 | Y |
| 4 | IC 200-212624/12 | 4.977835 | 2.142976 | 10.0 | 698944.0 | 0.430504 | Y |
| 5 | ICIS 200-212624/13 | 11.727724 | 7.794785 | 10.0 | 736944.0 | 0.664646 | Y |
| 6 | IC 200-212624/14 | 17.599172 | 12.709842 | 10.0 | 768019.0 | 0.722184 | Y |
| 7 | IC 200-212624/17 | 23.455448 | 16.972188 | 10.0 | 802923.0 | 0.723593 | Y |
| 8 | IC 200-212624/18 | 46.910897 | 38.128268 | 10.0 | 806344.0 | 0.812781 | Y |



## Calibration / Hexachlorobutadiene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

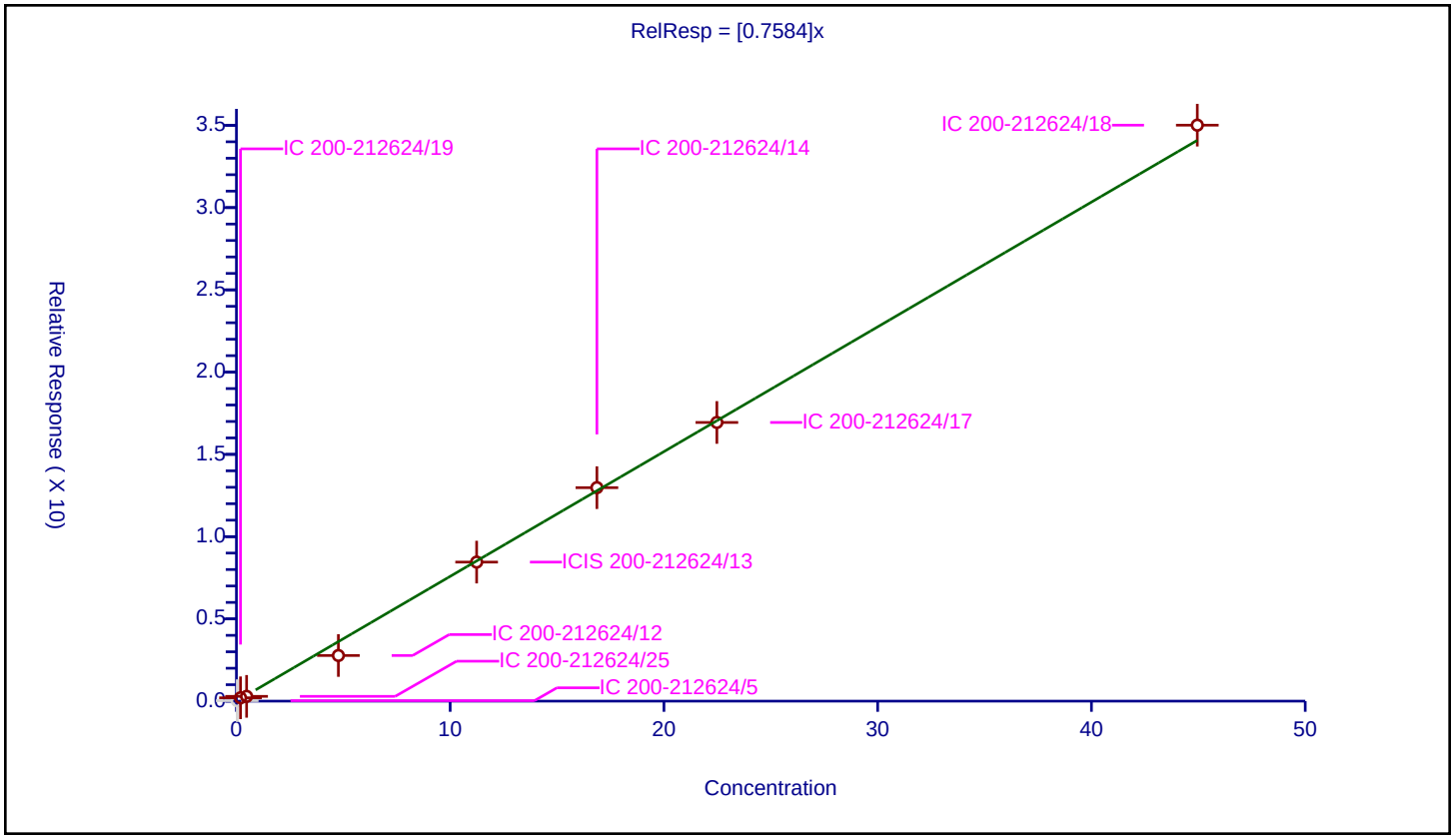
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.7584 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 20.6 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.039426 | 0.028403 | 10.0 | 689725.0 | 0.720395 | N |
| 2 | IC 200-212624/19 | 0.1915 | 0.203652 | 10.0 | 762380.0 | 1.063455 | Y |
| 3 | IC 200-212624/25 | 0.476989 | 0.290632 | 10.0 | 764299.0 | 0.609306 | Y |
| 4 | IC 200-212624/12 | 4.769895 | 2.774614 | 10.0 | 698944.0 | 0.581693 | Y |
| 5 | ICIS 200-212624/13 | 11.237819 | 8.451904 | 10.0 | 736944.0 | 0.752095 | Y |
| 6 | IC 200-212624/14 | 16.863998 | 12.977557 | 10.0 | 768019.0 | 0.769542 | Y |
| 7 | IC 200-212624/17 | 22.475639 | 16.939433 | 10.0 | 802923.0 | 0.75368 | Y |
| 8 | IC 200-212624/18 | 44.951277 | 35.010926 | 10.0 | 806344.0 | 0.778864 | Y |



## Calibration / Naphthalene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

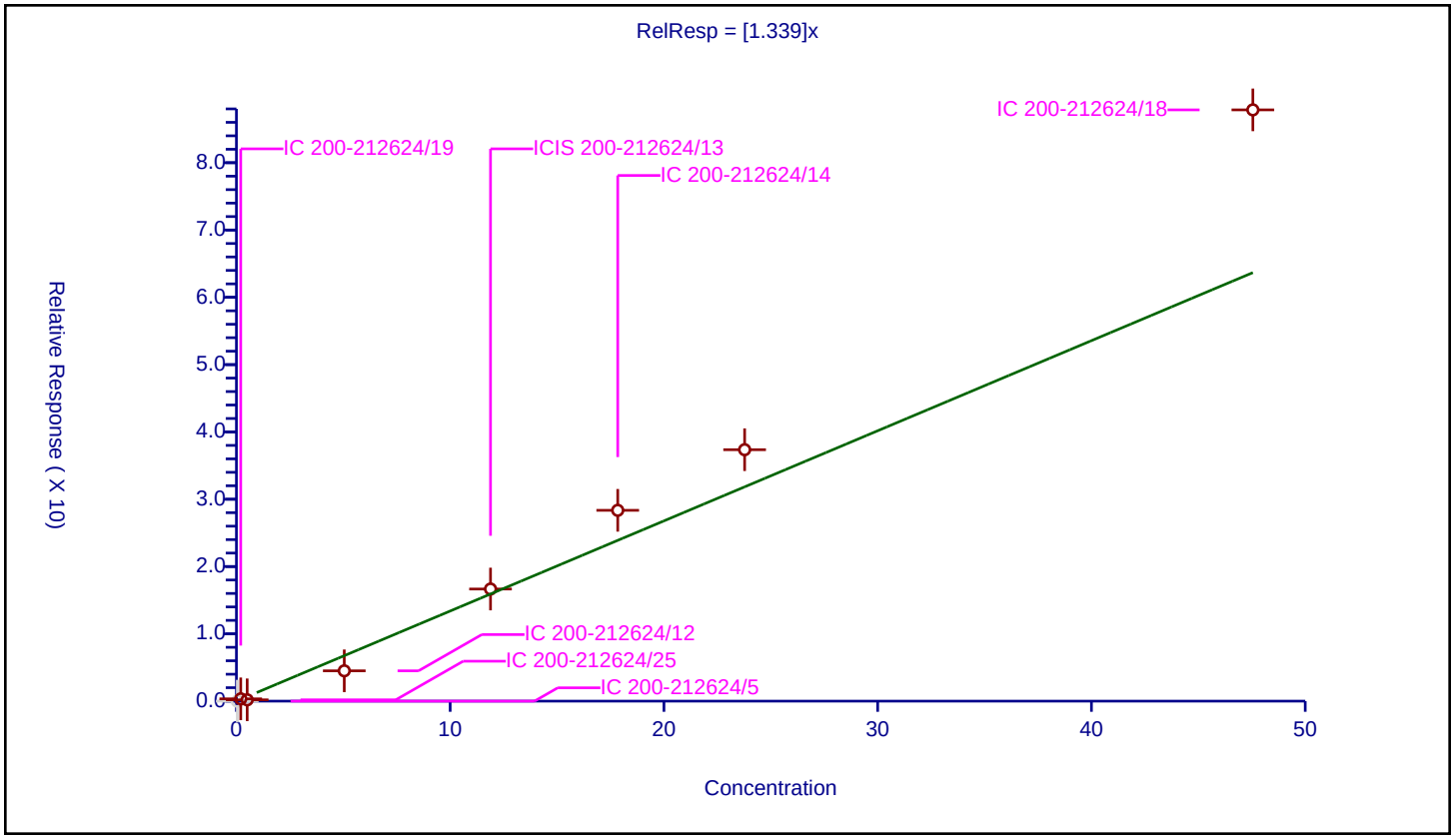
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 1.339 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 38.5 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.041706 | 0.0 | 10.0 | 689725.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.202574 | 0.340539 | 10.0 | 762380.0 | 1.681056 | Y |
| 3 | IC 200-212624/25 | 0.504573 | 0.196821 | 10.0 | 764299.0 | 0.390074 | Y |
| 4 | IC 200-212624/12 | 5.045734 | 4.504824 | 10.0 | 698944.0 | 0.892799 | Y |
| 5 | ICIS 200-212624/13 | 11.887693 | 16.658837 | 10.0 | 736944.0 | 1.401352 | Y |
| 6 | IC 200-212624/14 | 17.839229 | 28.352671 | 10.0 | 768019.0 | 1.589344 | Y |
| 7 | IC 200-212624/17 | 23.775386 | 37.358763 | 10.0 | 802923.0 | 1.571321 | Y |
| 8 | IC 200-212624/18 | 47.550773 | 87.852877 | 10.0 | 806344.0 | 1.847559 | Y |



## Calibration / 1,2,3-Trichlorobenzene

| | |
|---|---|
| **Curve Type:** | Average |
| **Weighting:** | Conc_Sq |
| **Origin:** | Force |
| **Dependency:** | Response |
| **Calib Mode:** | ISTD |
| **Response Base:** | AREA |
| **RF Rounding:** | 0 |

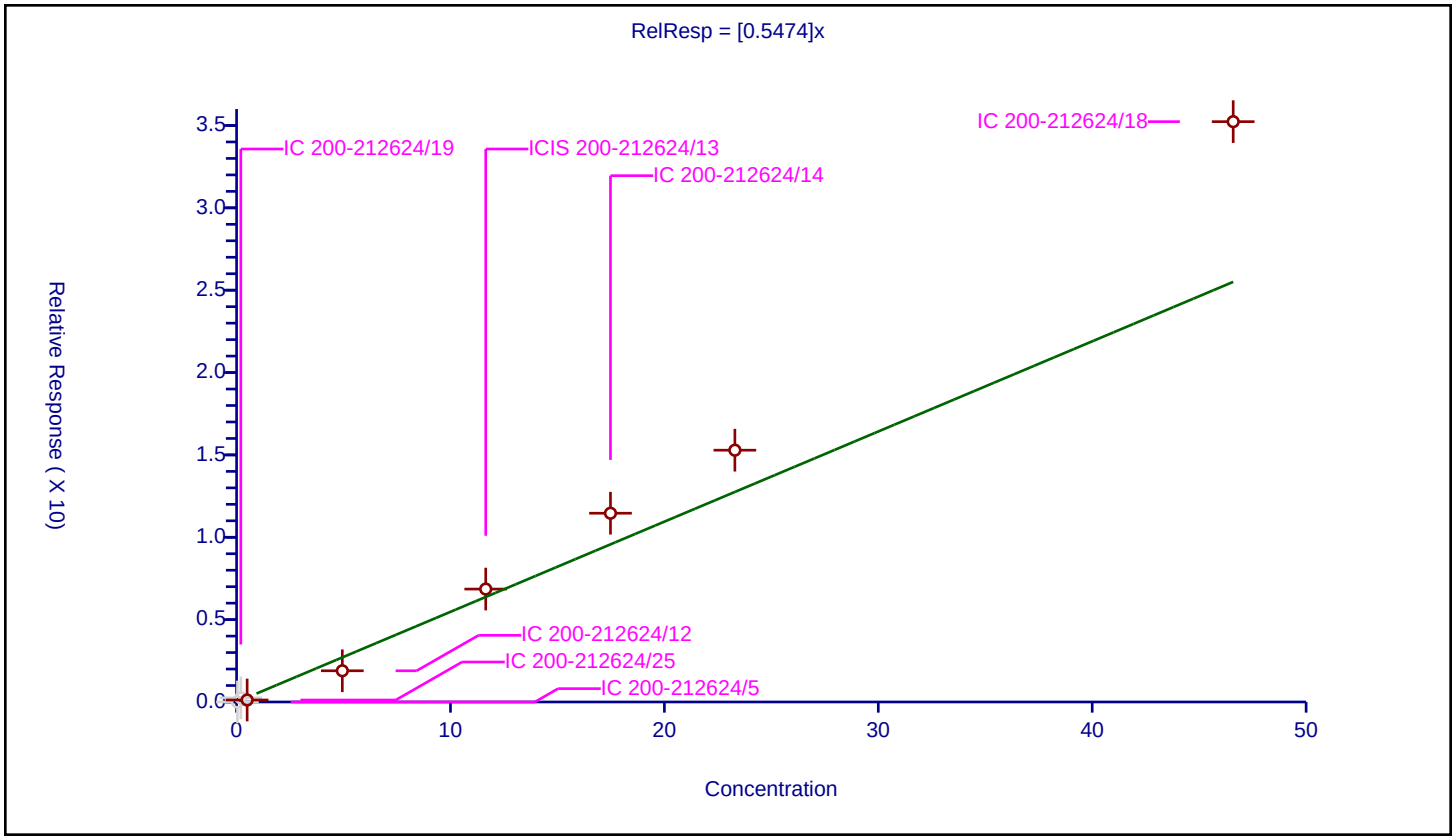
**Curve Coefficients**

| | |
|---|---|
| **Intercept:** | 0 |
| **Slope:** | 0.5474 |

**Error Coefficients**

| | |
|---|---|
| **Relative Standard Deviation:** | 35.4 |

| ID | Level | Concentration | Rel. Resp. | IS Amount | IS Response | RRF | Used |
|---|---|---|---|---|---|---|---|
| 1 | IC 200-212624/5 | 0.040865 | 0.0 | 10.0 | 689725.0 | 0.0 | N |
| 2 | IC 200-212624/19 | 0.198485 | 0.251187 | 10.0 | 762380.0 | 1.265519 | N |
| 3 | IC 200-212624/25 | 0.494389 | 0.120908 | 10.0 | 764299.0 | 0.244561 | Y |
| 4 | IC 200-212624/12 | 4.943885 | 1.894258 | 10.0 | 698944.0 | 0.383152 | Y |
| 5 | ICIS 200-212624/13 | 11.64774 | 6.85607 | 10.0 | 736944.0 | 0.588618 | Y |
| 6 | IC 200-212624/14 | 17.479144 | 11.459469 | 10.0 | 768019.0 | 0.655608 | Y |
| 7 | IC 200-212624/17 | 23.29548 | 15.287705 | 10.0 | 802923.0 | 0.656252 | Y |
| 8 | IC 200-212624/18 | 46.590959 | 35.233015 | 10.0 | 806344.0 | 0.75622 | Y |



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: ICV 200-212624/27 Calibration Date: 01/08/2025 14:53

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63614-27.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.015 | 0.9906 | | 9.75 | 10.0 | -2.4 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.977 | 3.118 | | 10.5 | 10.0 | 4.7 | 30.0 |
| Chlorodifluoromethane | Ave | 1.829 | 1.906 | | 10.4 | 10.0 | 4.2 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.375 | 3.441 | | 10.2 | 10.0 | 2.0 | 30.0 |
| Chloromethane | Ave | 1.149 | 1.188 | | 10.3 | 10.0 | 3.4 | 30.0 |
| n-Butane | Ave | 1.578 | 1.541 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Vinyl chloride | Ave | 1.160 | 1.087 | | 9.37 | 10.0 | -6.3 | 30.0 |
| 1,3-Butadiene | Ave | 0.9405 | 0.8344 | | 8.87 | 10.0 | -11.3 | 30.0 |
| Bromomethane | Ave | 1.231 | 1.233 | | 10.0 | 10.0 | 0.1 | 30.0 |
| Chloroethane | Ave | 0.7152 | 0.7454 | | 10.4 | 10.0 | 4.2 | 30.0 |
| Isopentane | Ave | 1.502 | 1.526 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.161 | 1.239 | | 10.7 | 10.0 | 6.8 | 30.0 |
| Trichlorofluoromethane | Ave | 2.865 | 2.885 | | 10.1 | 10.0 | 0.7 | 30.0 |
| n-Pentane | Ave | 2.157 | 2.240 | | 10.4 | 10.0 | 3.8 | 30.0 |
| Ethanol | Ave | 0.6018 | 0.6150 | | 15.3 | 15.0 | 2.2 | 30.0 |
| Ethyl ether | Ave | 0.8779 | 0.9313 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Acrolein | Ave | 0.4760 | 0.5844 | | 12.3 | 10.0 | 22.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.290 | 1.303 | | 10.1 | 10.0 | 1.1 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 2.715 | 2.627 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Acetone | Ave | 1.722 | 1.703 | | 9.89 | 10.0 | -1.1 | 30.0 |
| Isopropyl alcohol | Ave | 1.803 | 2.223 | | 12.3 | 10.0 | 23.3 | 30.0 |
| Carbon disulfide | Ave | 3.817 | 3.793 | | 9.94 | 10.0 | -0.6 | 30.0 |
| Acetonitrile | Ave | 1.002 | 0.8830 | | 8.81 | 10.0 | -11.9 | 30.0 |
| 3-Chloropropene | Ave | 1.641 | 1.645 | | 10.0 | 10.0 | 0.2 | 30.0 |
| Methylene Chloride | Ave | 1.472 | 1.432 | | 9.73 | 10.0 | -2.7 | 30.0 |
| tert-Butyl alcohol | Ave | 2.335 | 2.467 | | 10.6 | 10.0 | 5.6 | 30.0 |
| Acrylonitrile | Ave | 0.9206 | 0.9347 | | 10.2 | 10.0 | 1.5 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.347 | 3.651 | | 10.9 | 10.0 | 9.1 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.839 | 1.909 | | 10.4 | 10.0 | 3.8 | 30.0 |
| n-Hexane | Ave | 1.995 | 2.175 | | 10.9 | 10.0 | 9.1 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.442 | 2.339 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Vinyl acetate | Ave | 2.632 | 3.052 | | 11.6 | 10.0 | 15.9 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.6393 | 0.6997 | | 10.9 | 10.0 | 9.4 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.431 | 1.448 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Ethyl acetate | Ave | 0.1286 | 0.1358 | | 10.6 | 10.0 | 5.6 | 30.0 |
| Tetrahydrofuran | Ave | 0.2898 | 0.2860 | | 9.87 | 10.0 | -1.3 | 30.0 |
| Chloroform | Ave | 2.616 | 2.626 | | 10.0 | 10.0 | 0.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.5001 | 0.5009 | | 10.0 | 10.0 | 0.2 | 30.0 |
| Cyclohexane | Ave | 0.3561 | 0.3825 | | 10.7 | 10.0 | 7.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: ICV 200-212624/27 Calibration Date: 01/08/2025 14:53

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63614-27.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | Ave | 0.5040 | 0.5117 | | 10.2 | 10.0 | 1.5 | 30.0 |
| Benzene | Ave | 0.8509 | 0.8647 | | 10.2 | 10.0 | 1.6 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3031 | 0.3095 | | 10.2 | 10.0 | 2.1 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.278 | 1.379 | | 10.8 | 10.0 | 7.9 | 30.0 |
| n-Heptane | Ave | 0.4368 | 0.4756 | | 10.9 | 10.0 | 8.9 | 30.0 |
| n-Butanol | Ave | 0.1843 | 0.1803 | | 9.78 | 10.0 | -2.2 | 30.0 |
| Trichloroethene | Ave | 0.3629 | 0.3606 | | 9.93 | 10.0 | -0.6 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3137 | 0.3166 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Methyl methacrylate | Ave | 0.2835 | 0.3078 | | 10.9 | 10.0 | 8.6 | 30.0 |
| 1,4-Dioxane | Ave | 0.1742 | 0.1793 | | 10.3 | 10.0 | 2.9 | 30.0 |
| Dibromomethane | Ave | 0.3620 | 0.3582 | | 9.89 | 10.0 | -1.0 | 30.0 |
| Bromodichloromethane | Ave | 0.5448 | 0.5526 | | 10.1 | 10.0 | 1.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4668 | 0.5050 | | 10.8 | 10.0 | 8.2 | 30.0 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.5295 | 0.5847 | | 11.0 | 10.0 | 10.4 | 30.0 |
| Toluene | Ave | 0.6557 | 0.7050 | | 10.7 | 10.0 | 7.5 | 30.0 |
| n-Octane | Ave | 0.6010 | 0.6634 | | 11.0 | 10.0 | 10.4 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3708 | 0.4357 | | 11.7 | 10.0 | 17.5 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3327 | 0.3391 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Tetrachloroethene | Ave | 0.5872 | 0.5957 | | 10.1 | 10.0 | 1.4 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.5533 | 0.6186 | | 11.2 | 10.0 | 11.8 | 30.0 |
| Dibromochloromethane | Ave | 0.6379 | 0.6661 | | 10.4 | 10.0 | 4.4 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5762 | 0.6034 | | 10.5 | 10.0 | 4.7 | 30.0 |
| Chlorobenzene | Ave | 0.9694 | 0.9732 | | 10.0 | 10.0 | 0.4 | 30.0 |
| Ethylbenzene | Ave | 1.462 | 1.549 | | 10.6 | 10.0 | 5.9 | 30.0 |
| m,p-Xylene | Ave | 0.5720 | 0.6157 | | 21.5 | 20.0 | 7.6 | 30.0 |
| n-Nonane | Ave | 0.7140 | 0.7687 | | 10.8 | 10.0 | 7.7 | 30.0 |
| o-Xylene | Ave | 0.5289 | 0.5860 | | 11.1 | 10.0 | 10.8 | 30.0 |
| Styrene | Ave | 0.8690 | 0.9859 | | 11.3 | 10.0 | 13.4 | 30.0 |
| Bromoform | Ave | 0.6210 | 0.6759 | | 10.9 | 10.0 | 8.8 | 30.0 |
| Cumene | Ave | 1.570 | 1.757 | | 11.2 | 10.0 | 11.9 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8955 | 0.8948 | | 9.99 | 10.0 | -0.0 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.6717 | 0.6891 | | 10.3 | 10.0 | 2.6 | 30.0 |
| n-Propylbenzene | Ave | 1.989 | 2.140 | | 10.8 | 10.0 | 7.6 | 30.0 |
| 2-Chlorotoluene | Ave | 1.393 | 1.453 | | 10.4 | 10.0 | 4.3 | 30.0 |
| 4-Ethyltoluene | Ave | 1.621 | 1.788 | | 11.0 | 10.0 | 10.3 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.377 | 1.465 | | 10.6 | 10.0 | 6.4 | 30.0 |
| n-Decane | Ave | 0.9543 | 1.001 | | 10.5 | 10.0 | 4.9 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6901 | 0.7682 | | 11.1 | 10.0 | 11.3 | 30.0 |
| tert-Butylbenzene | Ave | 1.342 | 1.436 | | 10.7 | 10.0 | 7.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.351 | 1.465 | | 10.8 | 10.0 | 8.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: ICV 200-212624/27 Calibration Date: 01/08/2025 14:53

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63614-27.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | Ave | 2.039 | 2.202 | | 10.8 | 10.0 | 8.0 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.014 | 1.027 | | 10.1 | 10.0 | 1.3 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.729 | 1.847 | | 10.7 | 10.0 | 6.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.001 | 1.035 | | 10.3 | 10.0 | 3.4 | 30.0 |
| Benzyl chloride | Ave | 1.154 | 1.271 | | 11.0 | 10.0 | 10.2 | 30.0 |
| n-Butylbenzene | Ave | 1.565 | 1.704 | | 10.9 | 10.0 | 8.9 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9915 | 0.9824 | | 9.91 | 10.0 | -0.9 | 30.0 |
| n-Undecane | Ave | 1.116 | 1.088 | | 9.75 | 10.0 | -2.4 | 30.0 |
| n-Dodecane | Ave | 1.002 | 0.9719 | | 9.69 | 10.0 | -3.0 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6007 | 0.7810 | | 13.0 | 10.0 | 30.0 | 30.0 |
| Hexachlorobutadiene | Ave | 0.7584 | 0.8066 | | 10.6 | 10.0 | 6.4 | 30.0 |
| Naphthalene | Ave | 1.339 | 1.648 | | 12.3 | 10.0 | 23.1 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5474 | 0.6024 | | 11.0 | 10.0 | 10.0 | 30.0 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-27.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Jan-2025 14:53:30 ALS Bottle#: 27 Worklist Smp#: 27
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-027
Operator ID: vtp Instrument ID: CHW.i
Sublist:

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:42:45 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 09-Jan-2025 08:14:04

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.067 | 4.072 | -0.005 | 98 | 192536 | 10.0 | 9.75 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.163 | 0.000 | 99 | 605964 | 10.0 | 10.5 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.200 | 0.000 | 97 | 370559 | 10.0 | 10.4 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.505 | 4.505 | 0.000 | 99 | 668743 | 10.0 | 10.2 | |
| 5 Chloromethane | 50 | 4.618 | 4.618 | 0.000 | 99 | 230925 | 10.0 | 10.3 | |
| 6 Vinyl chloride | 62 | 4.912 | 4.912 | 0.000 | 100 | 211227 | 10.0 | 9.37 | |
| 7 Butane | 43 | 4.912 | 4.917 | -0.005 | 98 | 299490 | 10.0 | 9.76 | |
| 8 Butadiene | 54 | 5.024 | 5.024 | 0.000 | 92 | 162189 | 10.0 | 8.87 | |
| 9 Bromomethane | 94 | 5.768 | 5.768 | 0.000 | 100 | 239671 | 10.0 | 10.0 | |
| 11 BFB | | | | | | | | | |
| 10 Chloroethane | 64 | 6.062 | 6.062 | 0.000 | 99 | 144884 | 10.0 | 10.4 | |
| 12 2-Methylbutane | 43 | 6.297 | 6.298 | -0.001 | 93 | 296609 | 10.0 | 10.2 | |
| 13 Vinyl bromide | 106 | 6.538 | 6.538 | 0.000 | 100 | 240834 | 10.0 | 10.7 | |
| 14 Trichlorofluoromethane | 101 | 6.720 | 6.720 | 0.000 | 98 | 560713 | 10.0 | 10.1 | |
| 15 Pentane | 43 | 6.955 | 6.956 | -0.001 | 96 | 435314 | 10.0 | 10.4 | |
| 16 Ethanol | 45 | 7.164 | 7.164 | 0.000 | 98 | 179368 | 15.0 | 15.3 | |
| 18 Ethyl ether | 59 | 7.442 | 7.442 | 0.000 | 91 | 181020 | 10.0 | 10.6 | |
| 19 Acrolein | 56 | 7.720 | 7.721 | -0.001 | 94 | 113597 | 10.0 | 12.3 | |
| 20 1,1-Dichloroethene | 96 | 7.961 | 7.961 | 0.000 | 98 | 253318 | 10.0 | 10.1 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.009 | 8.009 | 0.000 | 99 | 510525 | 10.0 | 9.67 | |
| 22 Acetone | 43 | 8.047 | 8.047 | 0.000 | 96 | 331037 | 10.0 | 9.89 | |
| 23 Isopropyl alcohol | 45 | 8.400 | 8.405 | -0.005 | 100 | 431989 | 10.0 | 12.3 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 737303 | 10.0 | 9.94 | |
| 25 Acetonitrile | 41 | 8.641 | 8.641 | 0.000 | 100 | 171628 | 10.0 | 8.81 | |
| 26 3-Chloro-1-propene | 41 | 8.790 | 8.796 | -0.006 | 95 | 319673 | 10.0 | 10.0 | |
| 27 Methylene Chloride | 49 | 9.069 | 9.074 | -0.005 | 92 | 278402 | 10.0 | 9.73 | |
| 28 2-Methyl-2-propanol | 59 | 9.320 | 9.320 | 0.000 | 100 | 479457 | 10.0 | 10.6 | |
| 29 Acrylonitrile | 53 | 9.545 | 9.550 | -0.005 | 96 | 181685 | 10.0 | 10.2 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.678 | 9.679 | -0.001 | 78 | 371055 | 10.0 | 10.4 | |
| 31 Methyl tert-butyl ether | 73 | 9.678 | 9.679 | -0.001 | 97 | 709703 | 10.0 | 10.9 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 20.0 | 20.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Hexane | 57 | 10.283 | 10.283 | 0.000 | 91 | 422803 | 10.0 | 10.9 | |
| 33 1,1-Dichloroethane | 63 | 10.577 | 10.577 | 0.000 | 100 | 454682 | 10.0 | 9.58 | |
| 34 Vinyl acetate | 43 | 10.588 | 10.588 | 0.000 | 100 | 593158 | 10.0 | 11.6 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.679 | -0.005 | 98 | 135995 | 10.0 | 10.9 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.717 | 11.717 | 0.000 | 92 | 281473 | 10.0 | 10.1 | |
| 38 Ethyl acetate | 88 | 11.775 | 11.776 | -0.001 | 100 | 26396 | 10.0 | 10.6 | |
| * 39 Chlorobromomethane | 128 | 12.182 | 12.177 | 0.005 | 89 | 194406 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.230 | 12.230 | 0.000 | 93 | 284895 | 10.0 | 9.87 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 95 | 510455 | 10.0 | 10.0 | |
| 42 1,1,1-Trichloroethane | 97 | 12.717 | 12.717 | 0.000 | 98 | 498985 | 10.0 | 10.0 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 97 | 381067 | 10.0 | 10.7 | |
| 44 Carbon tetrachloride | 117 | 13.033 | 13.033 | 0.000 | 99 | 509756 | 10.0 | 10.2 | |
| 45 Benzene | 78 | 13.402 | 13.402 | 0.000 | 95 | 861345 | 10.0 | 10.2 | |
| 46 1,2-Dichloroethane | 62 | 13.477 | 13.477 | 0.000 | 94 | 308334 | 10.0 | 10.2 | |
| 47 Isooctane | 57 | 13.637 | 13.632 | 0.005 | 100 | 1373403 | 10.0 | 10.8 | |
| 48 n-Heptane | 43 | 13.964 | 13.964 | 0.000 | 90 | 473739 | 10.0 | 10.9 | |
| * 49 1,4-Difluorobenzene | 114 | 14.188 | 14.188 | 0.000 | 94 | 996333 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.402 | 14.402 | 0.000 | 87 | 179618 | 10.0 | 9.78 | |
| A 52 GRO | 1 | 14.480 | (6.288-22.672) | | 0 | 117398151 | 649.9 | 0 | |
| 51 Trichloroethene | 95 | 14.659 | 14.659 | 0.000 | 98 | 359235 | 10.0 | 9.93 | |
| 53 1,2-Dichloropropane | 63 | 15.140 | 15.141 | -0.001 | 88 | 315401 | 10.0 | 10.1 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 99 | 306655 | 10.0 | 10.9 | |
| 55 1,4-Dioxane | 88 | 15.269 | 15.269 | 0.000 | 92 | 178614 | 10.0 | 10.3 | |
| 57 Dibromomethane | 174 | 15.312 | 15.312 | 0.000 | 94 | 356854 | 10.0 | 9.89 | |
| 58 Dichlorobromomethane | 83 | 15.627 | 15.627 | 0.000 | 98 | 550436 | 10.0 | 10.1 | |
| A 60 TVOC as Toluene | 1 | 16.063 | (4.062-28.065) | | 0 | 180307743 | 899.8 | 0 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.467 | 16.467 | 0.000 | 90 | 503097 | 10.0 | 10.8 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 95 | 582474 | 10.0 | 11.0 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 93 | 612620 | 10.0 | 10.7 | |
| A 63 Toluene Range | 1 | 17.157 | (17.072-17.243) | | 0 | 2378016 | NC | NC | |
| 64 n-Octane | 43 | 17.377 | 17.377 | 0.000 | 90 | 660822 | 10.0 | 11.0 | |
| A 65 C8 Range | 1 | 17.393 | (17.302-17.484) | | 0 | 2608085 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.553 | 17.553 | 0.000 | 96 | 433970 | 10.0 | 11.7 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 96 | 294675 | 10.0 | 10.2 | |
| 68 Tetrachloroethene | 166 | 18.174 | 18.174 | 0.000 | 97 | 517649 | 10.0 | 10.1 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 97 | 537600 | 10.0 | 11.2 | |
| 70 Chlorodibromomethane | 129 | 18.719 | 18.720 | -0.001 | 98 | 578815 | 10.0 | 10.4 | |
| 71 Ethylene Dibromide | 107 | 18.976 | 18.976 | 0.000 | 98 | 524349 | 10.0 | 10.5 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 84 | 869178 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.966 | 19.966 | 0.000 | 96 | 845716 | 10.0 | 10.0 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 30.0 | 32.6 | |
| 75 Ethylbenzene | 91 | 20.148 | 20.148 | 0.000 | 98 | 1346058 | 10.0 | 10.6 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.399 | 0.000 | 0 | 1070103 | 20.0 | 21.5 | |
| 77 n-Nonane | 57 | 20.437 | 20.437 | 0.000 | 90 | 668049 | 10.0 | 10.8 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 99 | 509197 | 10.0 | 11.1 | |
| 79 Styrene | 104 | 21.137 | 21.138 | -0.001 | 98 | 856752 | 10.0 | 11.3 | |
| 81 Bromoform | 173 | 21.464 | 21.464 | 0.000 | 99 | 587343 | 10.0 | 10.9 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 1526486 | 10.0 | 11.2 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.191 | 22.192 | -0.001 | 98 | 777628 | 10.0 | 10.0 | |
| 84 1,2,3-Trichloropropane | 75 | 22.293 | 22.293 | 0.000 | 98 | 598803 | 10.0 | 10.3 | |
| 85 N-Propylbenzene | 91 | 22.389 | 22.389 | 0.000 | 100 | 1859506 | 10.0 | 10.8 | |
| 86 2-Chlorotoluene | 91 | 22.539 | 22.539 | 0.000 | 96 | 1262348 | 10.0 | 10.4 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Ethyltoluene | 105 | 22.571 | 22.566 | 0.005 | 98 | 1553658 | 10.0 | 11.0 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.652 | -0.001 | 93 | 1273327 | 10.0 | 10.6 | |
| 89 n-Decane | 57 | 22.662 | 22.662 | 0.000 | 92 | 869827 | 10.0 | 10.5 | |
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 90 | 667551 | 10.0 | 11.1 | |
| 91 tert-Butylbenzene | 119 | 23.117 | 23.117 | 0.000 | 95 | 1248067 | 10.0 | 10.7 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.197 | 23.197 | 0.000 | 97 | 1272951 | 10.0 | 10.8 | |
| 93 sec-Butylbenzene | 105 | 23.432 | 23.433 | -0.001 | 99 | 1913703 | 10.0 | 10.8 | |
| 94 1,3-Dichlorobenzene | 146 | 23.625 | 23.625 | 0.000 | 97 | 892465 | 10.0 | 10.1 | |
| 95 4-Isopropyltoluene | 119 | 23.646 | 23.647 | -0.001 | 98 | 1605285 | 10.0 | 10.7 | |
| 96 1,4-Dichlorobenzene | 146 | 23.775 | 23.775 | 0.000 | 96 | 899656 | 10.0 | 10.3 | |
| 97 Benzyl chloride | 91 | 23.925 | 23.925 | 0.000 | 99 | 1104513 | 10.0 | 11.0 | |
| 98 n-Butylbenzene | 91 | 24.251 | 24.246 | 0.005 | 98 | 1481171 | 10.0 | 10.9 | |
| 99 1,2-Dichlorobenzene | 146 | 24.310 | 24.310 | 0.000 | 98 | 853723 | 10.0 | 9.91 | |
| 100 Undecane | 57 | 24.379 | 24.380 | -0.001 | 95 | 945666 | 10.0 | 9.75 | |
| 101 Dodecane | 57 | 26.129 | 26.129 | 0.000 | 98 | 844550 | 10.0 | 9.69 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.027 | 27.028 | -0.001 | 94 | 678735 | 10.0 | 13.0 | |
| 103 Hexachlorobutadiene | 225 | 27.295 | 27.295 | 0.000 | 97 | 700918 | 10.0 | 10.6 | |
| 104 Naphthalene | 128 | 27.579 | 27.579 | -0.001 | 100 | 1432156 | 10.0 | 12.3 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.044 | 28.055 | -0.011 | 96 | 523484 | 10.0 | 11.0 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15LCSW_00882 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

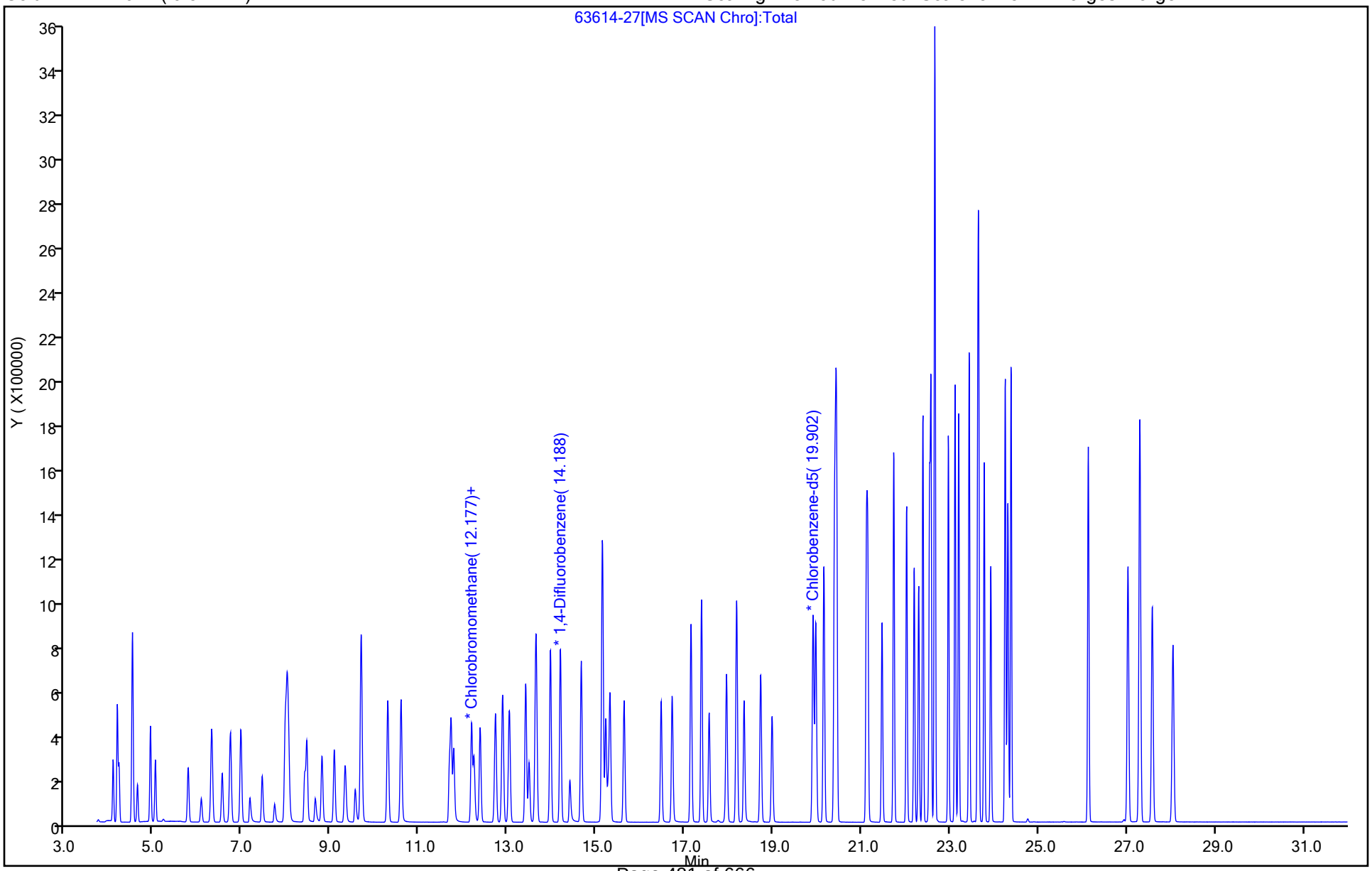
Report Date: 09-Jan-2025 06:42:47 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-27.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 08-Jan-2025 14:53:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ICV | | | Worklist Smp#: | 27 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 27 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: CCVIS 200-213497/2 Calibration Date: 02/10/2025 08:13

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63948-02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.015 | 1.234 | | 12.1 | 10.0 | 21.5 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.977 | 3.549 | | 11.9 | 10.0 | 19.2 | 30.0 |
| Chlorodifluoromethane | Ave | 1.829 | 2.234 | | 12.2 | 10.0 | 22.1 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.375 | 3.857 | | 11.4 | 10.0 | 14.3 | 30.0 |
| Chloromethane | Ave | 1.149 | 1.396 | | 12.1 | 10.0 | 21.5 | 30.0 |
| Vinyl chloride | Ave | 1.160 | 1.253 | | 10.8 | 10.0 | 8.1 | 30.0 |
| n-Butane | Ave | 1.578 | 1.887 | | 12.0 | 10.0 | 19.6 | 30.0 |
| 1,3-Butadiene | Ave | 0.9405 | 0.9679 | | 10.3 | 10.0 | 2.9 | 30.0 |
| Bromomethane | Ave | 1.231 | 1.365 | | 11.1 | 10.0 | 10.9 | 30.0 |
| Chloroethane | Ave | 0.7152 | 0.8261 | | 11.5 | 10.0 | 15.5 | 30.0 |
| Isopentane | Ave | 1.502 | 1.691 | | 11.3 | 10.0 | 12.6 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.161 | 1.251 | | 10.8 | 10.0 | 7.8 | 30.0 |
| Trichlorofluoromethane | Ave | 2.865 | 3.240 | | 11.3 | 10.0 | 13.1 | 30.0 |
| n-Pentane | Ave | 2.157 | 2.534 | | 11.7 | 10.0 | 17.5 | 30.0 |
| Ethanol | Ave | 0.6018 | 0.6622 | | 16.5 | 15.0 | 10.0 | 30.0 |
| Ethyl ether | Ave | 0.8779 | 0.9927 | | 11.3 | 10.0 | 13.1 | 30.0 |
| Acrolein | Ave | 0.4760 | 0.4477 | | 11.0 | 11.7 | -5.9 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.290 | 1.390 | | 10.8 | 10.0 | 7.8 | 30.0 |
| 1,1,2-Trichlorotrifluoroethane | Ave | 2.715 | 2.994 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Acetone | Ave | 1.722 | 1.989 | | 11.5 | 10.0 | 15.5 | 30.0 |
| Isopropyl alcohol | Ave | 1.803 | 2.078 | | 13.4 | 11.6 | 15.3 | 30.0 |
| Carbon disulfide | Ave | 3.817 | 4.343 | | 11.4 | 10.0 | 13.8 | 30.0 |
| Acetonitrile | Ave | 1.002 | 1.159 | | 11.6 | 10.0 | 15.7 | 30.0 |
| 3-Chloropropene | Ave | 1.641 | 1.687 | | 10.3 | 10.0 | 2.8 | 30.0 |
| Methylene Chloride | Ave | 1.472 | 1.708 | | 11.6 | 10.0 | 16.1 | 30.0 |
| tert-Butyl alcohol | Ave | 2.335 | 2.636 | | 11.3 | 10.0 | 12.9 | 30.0 |
| Acrylonitrile | Ave | 0.9206 | 1.039 | | 11.3 | 10.0 | 12.9 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.347 | 3.823 | | 11.4 | 10.0 | 14.2 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.839 | 2.098 | | 11.4 | 10.0 | 14.1 | 30.0 |
| n-Hexane | Ave | 1.995 | 2.330 | | 11.7 | 10.0 | 16.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.442 | 2.703 | | 11.1 | 10.0 | 10.7 | 30.0 |
| Vinyl acetate | Ave | 2.632 | 2.911 | | 12.6 | 11.4 | 10.6 | 30.0 |
| Methyl Ethyl Ketone (2-Butanone) | Ave | 0.6393 | 0.7392 | | 11.6 | 10.0 | 15.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.431 | 1.601 | | 11.2 | 10.0 | 11.9 | 30.0 |
| Ethyl acetate | Ave | 0.1286 | 0.1392 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Tetrahydrofuran | Ave | 0.2898 | 0.3293 | | 11.4 | 10.0 | 13.6 | 30.0 |
| Chloroform | Ave | 2.616 | 2.919 | | 11.2 | 10.0 | 11.6 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.5001 | 0.5664 | | 11.3 | 10.0 | 13.3 | 30.0 |
| Cyclohexane | Ave | 0.3561 | 0.4103 | | 11.5 | 10.0 | 15.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: CCVIS 200-213497/2 Calibration Date: 02/10/2025 08:13

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63948-02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Carbon tetrachloride | Ave | 0.5040 | 0.5845 | | 11.6 | 10.0 | 16.0 | 30.0 |
| Benzene | Ave | 0.8509 | 0.9487 | | 11.1 | 10.0 | 11.5 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3031 | 0.3568 | | 11.8 | 10.0 | 17.7 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.278 | 1.548 | | 12.1 | 10.0 | 21.1 | 30.0 |
| n-Heptane | Ave | 0.4368 | 0.5477 | | 12.5 | 10.0 | 25.4 | 30.0 |
| n-Butanol | Ave | 0.1843 | 0.2121 | | 11.5 | 10.0 | 15.1 | 30.0 |
| Trichloroethene | Ave | 0.3629 | 0.3900 | | 10.7 | 10.0 | 7.5 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3137 | 0.3618 | | 11.5 | 10.0 | 15.3 | 30.0 |
| Methyl methacrylate | Ave | 0.2835 | 0.3311 | | 11.7 | 10.0 | 16.8 | 30.0 |
| 1,4-Dioxane | Ave | 0.1742 | 0.2155 | | 12.4 | 10.0 | 23.7 | 30.0 |
| Dibromomethane | Ave | 0.3620 | 0.4090 | | 11.3 | 10.0 | 13.0 | 30.0 |
| Bromodichloromethane | Ave | 0.5448 | 0.6095 | | 11.2 | 10.0 | 11.9 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4668 | 0.5353 | | 11.5 | 10.0 | 14.7 | 30.0 |
| 4-Methyl-2-pentanone (Methyl isobutyl ketone) | Ave | 0.5295 | 0.6372 | | 12.0 | 10.0 | 20.3 | 30.0 |
| Toluene | Ave | 0.6557 | 0.7586 | | 11.6 | 10.0 | 15.7 | 30.0 |
| n-Octane | Ave | 0.6010 | 0.7806 | | 13.0 | 10.0 | 29.9 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3708 | 0.4364 | | 11.8 | 10.0 | 17.7 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3327 | 0.3703 | | 11.1 | 10.0 | 11.3 | 30.0 |
| Tetrachloroethene | Ave | 0.5872 | 0.6258 | | 10.7 | 10.0 | 6.6 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.5533 | 0.6738 | | 12.2 | 10.0 | 21.8 | 30.0 |
| Dibromochloromethane | Ave | 0.6379 | 0.6703 | | 10.5 | 10.0 | 5.1 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5762 | 0.6366 | | 11.0 | 10.0 | 10.5 | 30.0 |
| Chlorobenzene | Ave | 0.9694 | 1.045 | | 10.8 | 10.0 | 7.8 | 30.0 |
| Ethylbenzene | Ave | 1.462 | 1.694 | | 11.6 | 10.0 | 15.9 | 30.0 |
| m,p-Xylene | Ave | 0.5720 | 0.6750 | | 23.6 | 20.0 | 18.0 | 30.0 |
| n-Nonane | Ave | 0.7140 | 0.9059 | | 12.7 | 10.0 | 26.9 | 30.0 |
| o-Xylene | Ave | 0.5289 | 0.6223 | | 11.8 | 10.0 | 17.7 | 30.0 |
| Styrene | Ave | 0.8690 | 1.058 | | 12.2 | 10.0 | 21.8 | 30.0 |
| Bromoform | Ave | 0.6210 | 0.5488 | | 8.84 | 10.0 | -11.6 | 30.0 |
| Cumene | Ave | 1.570 | 1.903 | | 12.1 | 10.0 | 21.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8955 | 1.002 | | 11.2 | 10.0 | 11.9 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.6717 | 0.7841 | | 11.7 | 10.0 | 16.7 | 30.0 |
| n-Propylbenzene | Ave | 1.989 | 2.375 | | 11.9 | 10.0 | 19.4 | 30.0 |
| 2-Chlorotoluene | Ave | 1.393 | 1.621 | | 11.6 | 10.0 | 16.4 | 30.0 |
| 4-Ethyltoluene | Ave | 1.621 | 1.962 | | 12.1 | 10.0 | 21.1 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.377 | 1.637 | | 11.9 | 10.0 | 18.8 | 30.0 |
| n-Decane | Ave | 0.9543 | 1.181 | | 12.4 | 10.0 | 23.8 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6901 | 0.8323 | | 12.1 | 10.0 | 20.6 | 30.0 |
| tert-Butylbenzene | Ave | 1.342 | 1.602 | | 11.9 | 10.0 | 19.3 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.351 | 1.640 | | 12.1 | 10.0 | 21.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Lab Sample ID: CCVIS 200-213497/2 Calibration Date: 02/10/2025 08:13

Instrument ID: CHW.i Calib Start Date: 01/07/2025 19:13

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/08/2025 12:11

Lab File ID: 63948-02.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| sec-Butylbenzene | Ave | 2.039 | 2.436 | | 11.9 | 10.0 | 19.5 | 30.0 |
| 1,3-Dichlorobenzene | Ave | 1.014 | 1.131 | | 11.2 | 10.0 | 11.5 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.729 | 2.074 | | 12.0 | 10.0 | 20.0 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 1.001 | 1.115 | | 11.1 | 10.0 | 11.4 | 30.0 |
| Benzyl chloride | Ave | 1.154 | 1.396 | | 12.1 | 10.0 | 21.0 | 30.0 |
| n-Butylbenzene | Ave | 1.565 | 1.940 | | 12.4 | 10.0 | 24.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9915 | 1.075 | | 10.8 | 10.0 | 8.4 | 30.0 |
| n-Undecane | Ave | 1.116 | 1.309 | | 11.7 | 10.0 | 17.3 | 30.0 |
| n-Dodecane | Ave | 1.002 | 1.184 | | 11.8 | 10.0 | 18.2 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6007 | 0.6908 | | 13.5 | 11.7 | 15.0 | 30.0 |
| Hexachlorobutadiene | Ave | 0.7584 | 0.7971 | | 11.8 | 11.2 | 5.1 | 30.0 |
| Naphthalene | Ave | 1.339 | 1.525 | | 13.5 | 11.9 | 13.9 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5474 | 0.6139 | | 13.1 | 11.6 | 12.2 | 30.0 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-02.d
Lims ID: ccvis
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Feb-2025 08:13:30 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-002
Operator ID: vtp Instrument ID: CHW.i
Sublist: chrom-TO15_TO3_MasterMethod_W*sub5

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:14:41 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 08:14:41

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.067 | 4.067 | 0.000 | 97 | 196978 | 10.0 | 12.1 | |
| 2 Dichlorodifluoromethane | 85 | 4.158 | 4.158 | 0.000 | 99 | 566635 | 10.0 | 11.9 | |
| 3 Chlorodifluoromethane | 51 | 4.195 | 4.195 | 0.000 | 97 | 356581 | 10.0 | 12.2 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.500 | 4.500 | 0.000 | 94 | 615693 | 10.0 | 11.4 | |
| 5 Chloromethane | 50 | 4.612 | 4.612 | 0.000 | 99 | 222844 | 10.0 | 12.1 | |
| 6 Vinyl chloride | 62 | 4.906 | 4.906 | 0.000 | 100 | 200103 | 10.0 | 10.8 | |
| 7 Butane | 43 | 4.912 | 4.912 | 0.000 | 98 | 301288 | 10.0 | 12.0 | |
| 8 Butadiene | 54 | 5.019 | 5.019 | 0.000 | 94 | 154513 | 10.0 | 10.3 | |
| 9 Bromomethane | 94 | 5.762 | 5.762 | 0.000 | 100 | 217992 | 10.0 | 11.1 | |
| 11 BFB | | | | | | | | | |
| 10 Chloroethane | 64 | 6.057 | 6.057 | 0.000 | 99 | 131882 | 10.0 | 11.5 | |
| 12 2-Methylbutane | 43 | 6.292 | 6.292 | 0.000 | 93 | 269991 | 10.0 | 11.3 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.533 | 0.000 | 99 | 199784 | 10.0 | 10.8 | |
| 14 Trichlorofluoromethane | 101 | 6.715 | 6.715 | 0.000 | 99 | 517317 | 10.0 | 11.3 | |
| 15 Pentane | 43 | 6.950 | 6.950 | 0.000 | 96 | 404558 | 10.0 | 11.7 | |
| 16 Ethanol | 45 | 7.159 | 7.159 | 0.000 | 98 | 158634 | 15.0 | 16.5 | |
| 18 Ethyl ether | 59 | 7.437 | 7.437 | 0.000 | 92 | 158478 | 10.0 | 11.3 | |
| 19 Acrolein | 56 | 7.720 | 7.720 | 0.000 | 95 | 83702 | 11.7 | 11.0 | |
| 20 1,1-Dichloroethene | 96 | 7.956 | 7.956 | 0.000 | 97 | 221941 | 10.0 | 10.8 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.004 | 8.004 | 0.000 | 98 | 477983 | 10.0 | 11.0 | |
| 22 Acetone | 43 | 8.041 | 8.041 | 0.000 | 96 | 317507 | 10.0 | 11.5 | |
| 23 Isopropyl alcohol | 45 | 8.400 | 8.400 | 0.000 | 99 | 384481 | 11.6 | 13.4 | |
| 24 Carbon disulfide | 76 | 8.448 | 8.448 | 0.000 | 99 | 693339 | 10.0 | 11.4 | |
| 25 Acetonitrile | 41 | 8.635 | 8.635 | 0.000 | 100 | 184988 | 10.0 | 11.6 | |
| 26 3-Chloro-1-propene | 41 | 8.790 | 8.790 | 0.000 | 95 | 269332 | 10.0 | 10.3 | |
| 27 Methylene Chloride | 49 | 9.069 | 9.069 | 0.000 | 94 | 272626 | 10.0 | 11.6 | |
| 28 2-Methyl-2-propanol | 59 | 9.315 | 9.315 | 0.000 | 98 | 420754 | 10.0 | 11.3 | |
| 29 Acrylonitrile | 53 | 9.539 | 9.539 | 0.000 | 95 | 165914 | 10.0 | 11.3 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.673 | 9.673 | 0.000 | 78 | 334880 | 10.0 | 11.4 | |
| 31 Methyl tert-butyl ether | 73 | 9.673 | 9.673 | 0.000 | 98 | 610393 | 10.0 | 11.4 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 20.0 | 22.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 32 Hexane | 57 | 10.278 | 10.278 | 0.000 | 92 | 371950 | 10.0 | 11.7 | |
| 33 1,1-Dichloroethane | 63 | 10.572 | 10.572 | 0.000 | 99 | 431590 | 10.0 | 11.1 | |
| 34 Vinyl acetate | 43 | 10.583 | 10.583 | 0.000 | 100 | 529391 | 11.4 | 12.6 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.674 | 0.000 | 99 | 118005 | 10.0 | 11.6 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.711 | 11.711 | 0.000 | 94 | 255588 | 10.0 | 11.2 | |
| 38 Ethyl acetate | 88 | 11.770 | 11.770 | 0.000 | 100 | 22227 | 10.0 | 10.8 | |
| * 39 Chlorobromomethane | 128 | 12.171 | 12.171 | 0.000 | 93 | 159675 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.230 | 12.230 | 0.000 | 94 | 260391 | 10.0 | 11.4 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 96 | 466049 | 10.0 | 11.2 | |
| 42 1,1,1-Trichloroethane | 97 | 12.712 | 12.712 | 0.000 | 99 | 447970 | 10.0 | 11.3 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 98 | 324491 | 10.0 | 11.5 | |
| 44 Carbon tetrachloride | 117 | 13.027 | 13.027 | 0.000 | 99 | 462244 | 10.0 | 11.6 | |
| 45 Benzene | 78 | 13.396 | 13.396 | 0.000 | 95 | 750282 | 10.0 | 11.1 | |
| 46 1,2-Dichloroethane | 62 | 13.471 | 13.471 | 0.000 | 94 | 282185 | 10.0 | 11.8 | |
| 47 Isooctane | 57 | 13.632 | 13.632 | 0.000 | 99 | 1224361 | 10.0 | 12.1 | |
| 48 n-Heptane | 43 | 13.958 | 13.958 | 0.000 | 92 | 433129 | 10.0 | 12.5 | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 94 | 791007 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.397 | 14.397 | 0.000 | 89 | 167773 | 10.0 | 11.5 | |
| A 52 GRO | 1 | 14.474 | (6.282-22.667) | | 0 | 106378539 | 649.9 | 0 | |
| 51 Trichloroethene | 95 | 14.654 | 14.654 | 0.000 | 99 | 308450 | 10.0 | 10.7 | |
| 53 1,2-Dichloropropane | 63 | 15.135 | 15.135 | 0.000 | 92 | 286154 | 10.0 | 11.5 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 99 | 261828 | 10.0 | 11.7 | |
| 55 1,4-Dioxane | 88 | 15.269 | 15.269 | 0.000 | 94 | 170417 | 10.0 | 12.4 | |
| 57 Dibromomethane | 174 | 15.306 | 15.306 | 0.000 | 96 | 323452 | 10.0 | 11.3 | |
| 58 Dichlorobromomethane | 83 | 15.622 | 15.622 | 0.000 | 98 | 482064 | 10.0 | 11.2 | |
| A 60 TVOC as Toluene | 1 | 16.061 | (4.057-28.065) | | 0 | 164049797 | 899.8 | 0 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.462 | 16.462 | 0.000 | 91 | 423357 | 10.0 | 11.5 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 97 | 503933 | 10.0 | 12.0 | |
| 62 Toluene | 92 | 17.141 | 17.141 | 0.000 | 94 | 526262 | 10.0 | 11.6 | |
| A 63 Toluene Range | 1 | 17.152 | (17.066-17.238) | | 0 | 2077588 | NC | NC | |
| 64 n-Octane | 43 | 17.377 | 17.377 | 0.000 | 92 | 617364 | 10.0 | 13.0 | |
| A 65 C8 Range | 1 | 17.377 | (17.291-17.462) | | 0 | 2411658 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.548 | 17.548 | 0.000 | 96 | 345114 | 10.0 | 11.8 | |
| 67 1,1,2-Trichloroethane | 83 | 17.944 | 17.944 | 0.000 | 96 | 256844 | 10.0 | 11.1 | |
| 68 Tetrachloroethene | 166 | 18.168 | 18.168 | 0.000 | 98 | 434100 | 10.0 | 10.7 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 95 | 467397 | 10.0 | 12.2 | |
| 70 Chlorodibromomethane | 129 | 18.714 | 18.714 | 0.000 | 98 | 464995 | 10.0 | 10.5 | |
| 71 Ethylene Dibromide | 107 | 18.971 | 18.971 | 0.000 | 99 | 441623 | 10.0 | 11.0 | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 86 | 693826 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.961 | 19.961 | 0.000 | 95 | 724708 | 10.0 | 10.8 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 30.0 | 35.4 | |
| 75 Ethylbenzene | 91 | 20.142 | 20.142 | 0.000 | 98 | 1175380 | 10.0 | 11.6 | |
| 76 m-Xylene & p-Xylene | 106 | 20.394 | 20.394 | 0.000 | 0 | 936505 | 20.0 | 23.6 | |
| 77 n-Nonane | 57 | 20.431 | 20.431 | 0.000 | 92 | 628386 | 10.0 | 12.7 | |
| 78 o-Xylene | 106 | 21.111 | 21.111 | 0.000 | 98 | 431668 | 10.0 | 11.8 | |
| 79 Styrene | 104 | 21.137 | 21.137 | 0.000 | 98 | 734072 | 10.0 | 12.2 | |
| 81 Bromoform | 173 | 21.458 | 21.458 | 0.000 | 98 | 380697 | 10.0 | 8.84 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 1320090 | 10.0 | 12.1 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.186 | 22.186 | 0.000 | 98 | 695019 | 10.0 | 11.2 | |
| 84 1,2,3-Trichloropropane | 75 | 22.288 | 22.288 | 0.000 | 99 | 543952 | 10.0 | 11.7 | |
| 85 N-Propylbenzene | 91 | 22.384 | 22.384 | 0.000 | 99 | 1647595 | 10.0 | 11.9 | |
| 86 2-Chlorotoluene | 91 | 22.534 | 22.534 | 0.000 | 96 | 1124619 | 10.0 | 11.6 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 87 4-Ethyltoluene | 105 | 22.566 | 22.566 | 0.000 | 98 | 1361087 | 10.0 | 12.1 | |
| 88 1,3,5-Trimethylbenzene | 105 | 22.651 | 22.651 | 0.000 | 93 | 1135373 | 10.0 | 11.9 | |
| 89 n-Decane | 57 | 22.657 | 22.657 | 0.000 | 91 | 819531 | 10.0 | 12.4 | |
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 90 | 577343 | 10.0 | 12.1 | |
| 91 tert-Butylbenzene | 119 | 23.112 | 23.112 | 0.000 | 95 | 1111244 | 10.0 | 11.9 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.192 | 23.192 | 0.000 | 97 | 1137769 | 10.0 | 12.1 | |
| 93 sec-Butylbenzene | 105 | 23.432 | 23.432 | 0.000 | 99 | 1689902 | 10.0 | 11.9 | |
| 94 1,3-Dichlorobenzene | 146 | 23.625 | 23.625 | 0.000 | 97 | 784429 | 10.0 | 11.2 | |
| 95 4-Isopropyltoluene | 119 | 23.646 | 23.646 | 0.000 | 98 | 1438906 | 10.0 | 12.0 | |
| 96 1,4-Dichlorobenzene | 146 | 23.770 | 23.770 | 0.000 | 96 | 773649 | 10.0 | 11.1 | |
| 97 Benzyl chloride | 91 | 23.919 | 23.919 | 0.000 | 99 | 968569 | 10.0 | 12.1 | |
| 98 n-Butylbenzene | 91 | 24.246 | 24.246 | 0.000 | 98 | 1345734 | 10.0 | 12.4 | |
| 99 1,2-Dichlorobenzene | 146 | 24.304 | 24.304 | 0.000 | 97 | 745612 | 10.0 | 10.8 | |
| 100 Undecane | 57 | 24.379 | 24.379 | 0.000 | 95 | 908025 | 10.0 | 11.7 | |
| 101 Dodecane | 57 | 26.123 | 26.123 | 0.000 | 98 | 821672 | 10.0 | 11.8 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.022 | 27.022 | 0.000 | 94 | 562125 | 11.7 | 13.5 | |
| 103 Hexachlorobutadiene | 225 | 27.290 | 27.290 | 0.000 | 97 | 621521 | 11.2 | 11.8 | |
| 104 Naphthalene | 128 | 27.573 | 27.573 | 0.000 | 100 | 1257790 | 11.9 | 13.5 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.055 | 28.055 | 0.000 | 94 | 496135 | 11.6 | 13.1 | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | ND | ND | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

ND - Not Detected or Marked ND

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15CAL4w_00831 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

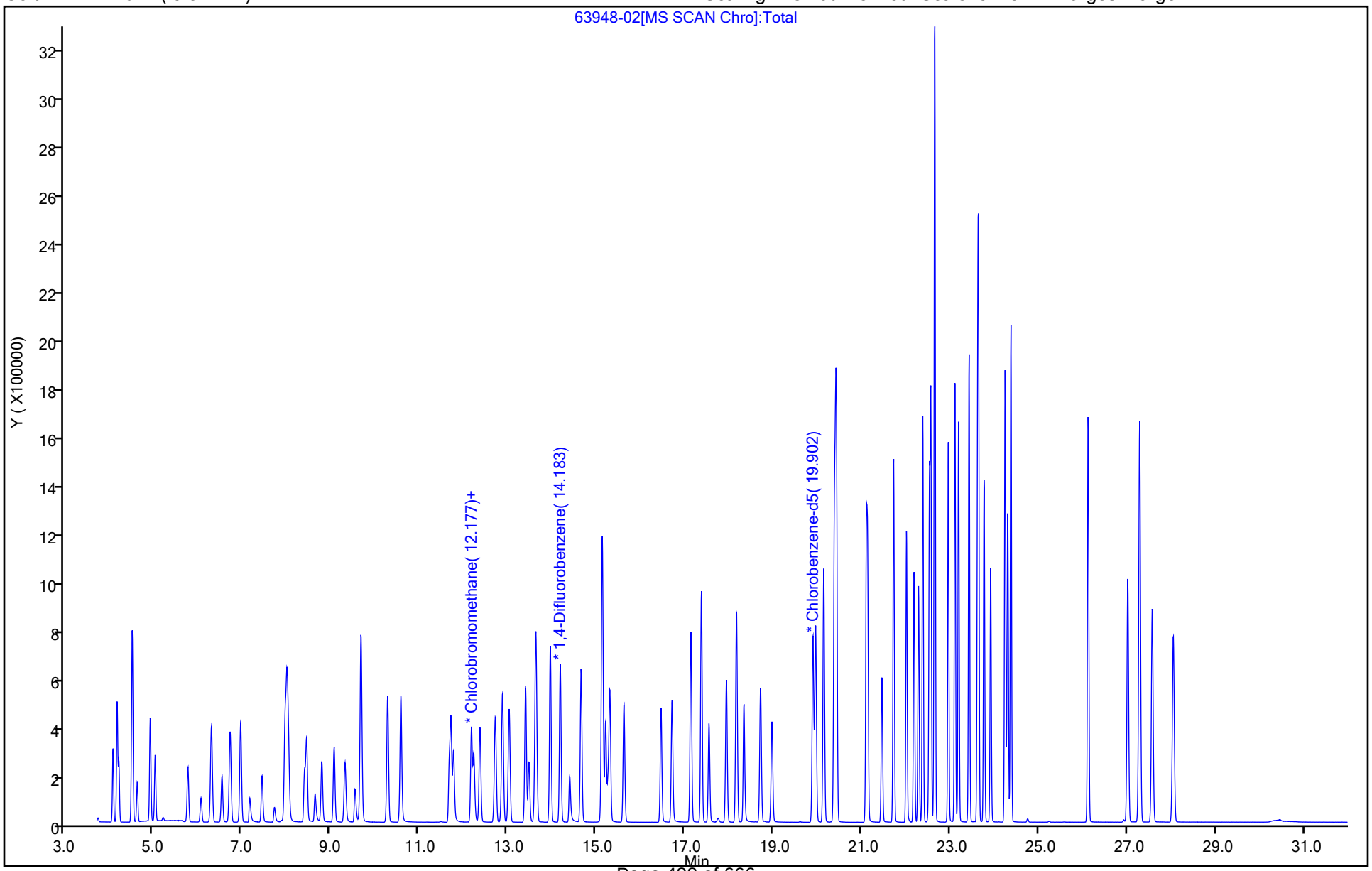
Report Date: 11-Feb-2025 08:14:42 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-02.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 08:13:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | ccvis | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-02.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 07-Jan-2025 16:38:30 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0063614-002
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 09-Jan-2025 06:42:45 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1683

First Level Reviewer: YWL8 Date: 08-Jan-2025 15:39:05

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 11 BFB | | | | | | | | | |
| * 39 Chlorobromomethane | 128 | | 12.177 | | | | 10.0 | ND | |
| * 49 1,4-Difluorobenzene | 114 | | 14.188 | | | | 10.0 | ND | |
| * 73 Chlorobenzene-d5 | 117 | | 19.902 | | | | 10.0 | ND | |

## QC Flag Legend
Processing Flags

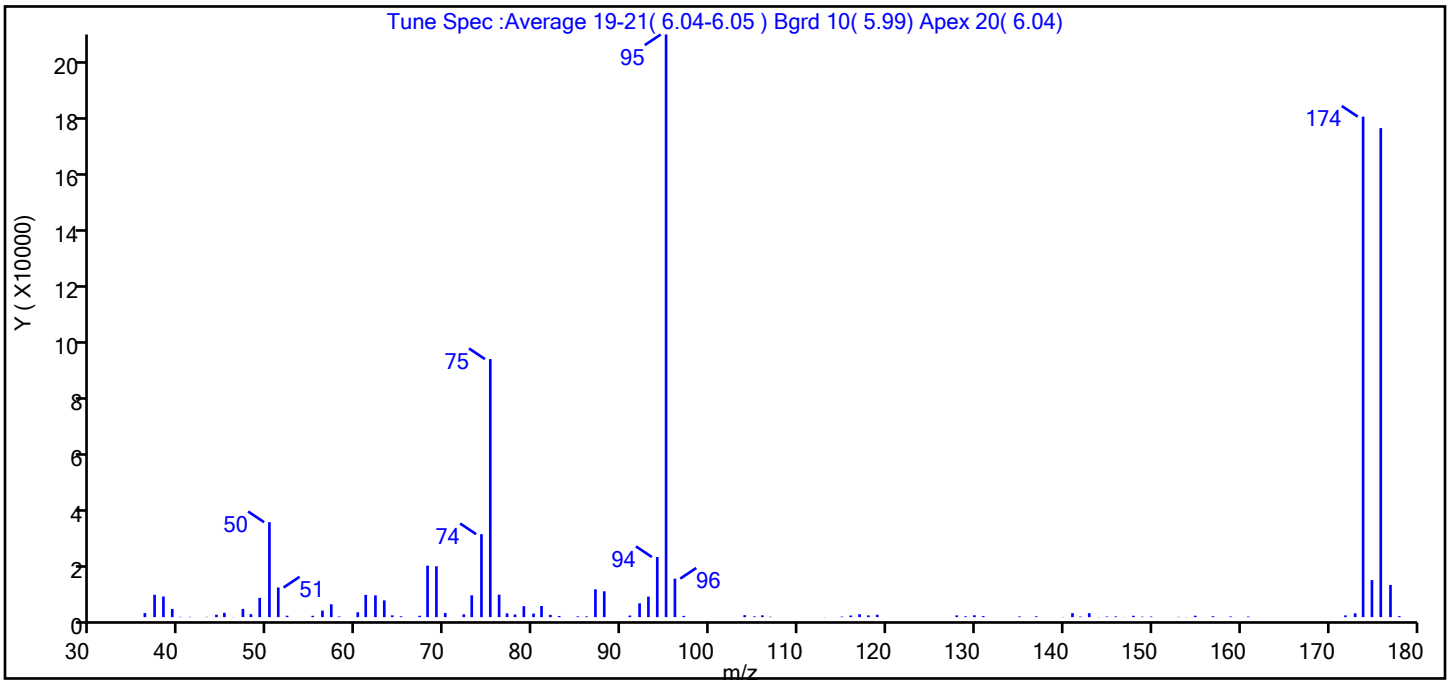
## Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-02.d
Injection Date: 07-Jan-2025 16:38:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 16.3 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 44.3 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.6 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.7 (0.8) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 85.9 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 6.4 (7.4) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 83.9 (97.7) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 5.5 (6.6) |

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-02.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 07-Jan-2025 16:38:30
Spectrum: Tune Spec :Average 19-21( 6.04-6.05 ) Bgrd 10( 5.99) Apex 20( 6.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 93

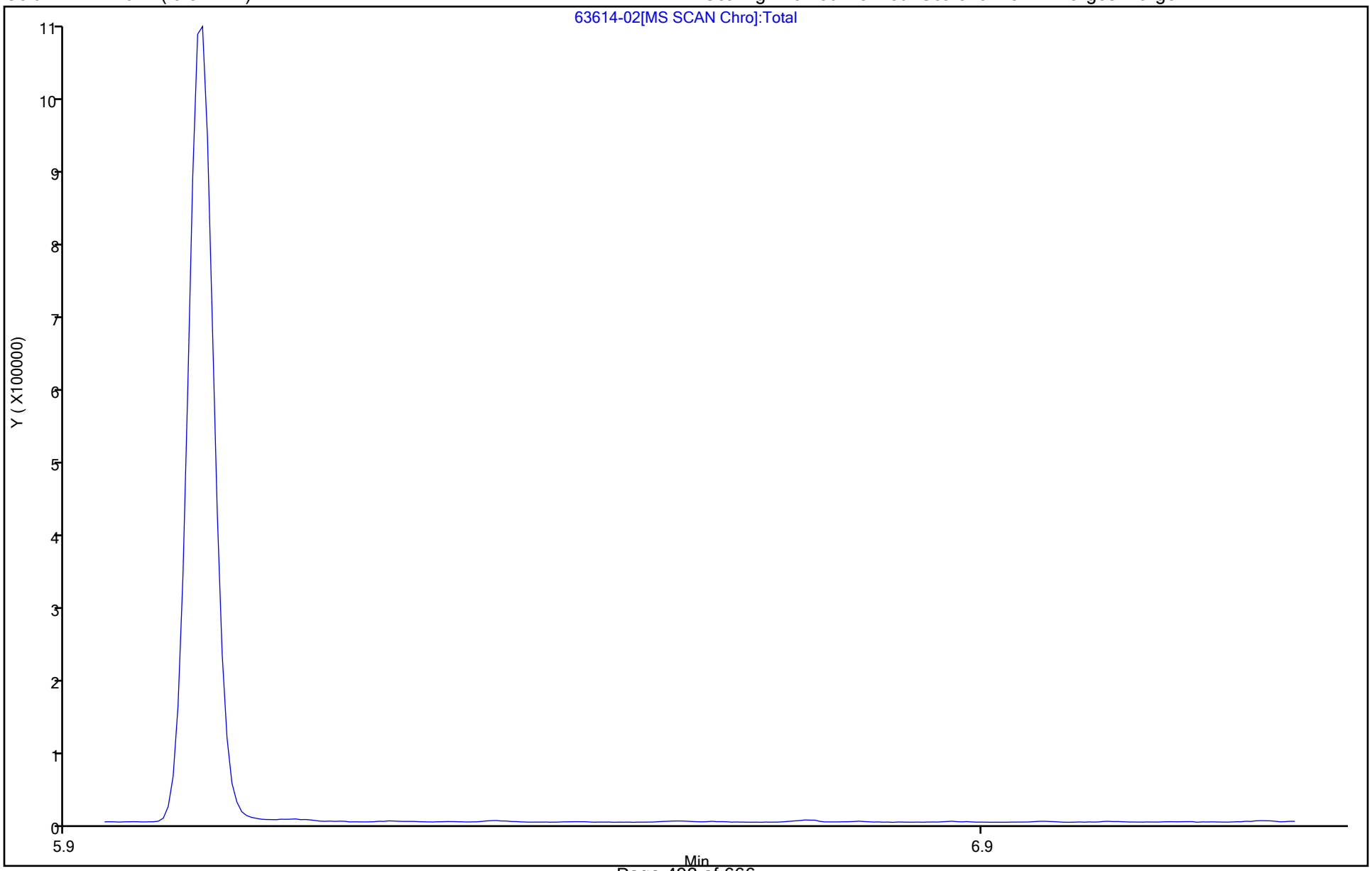
| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 1445 | 64.00 | 646 | 93.00 | 7327 | 143.00 | 1424 |
| 37.00 | 7980 | 65.00 | 307 | 94.00 | 21440 | 144.00 | 51 |
| 38.00 | 7361 | 67.00 | 488 | 95.00 | 207872 | 145.00 | 226 |
| 39.00 | 2914 | 68.00 | 18368 | 96.00 | 13733 | 146.00 | 267 |
| 40.00 | 117 | 69.00 | 18144 | 97.00 | 450 | 147.00 | 63 |
| 41.00 | 121 | 70.00 | 1468 | 104.00 | 718 | 148.00 | 491 |
| 43.00 | 111 | 72.00 | 998 | 105.00 | 279 | 149.00 | 170 |
| 44.00 | 862 | 73.00 | 7791 | 106.00 | 638 | 150.00 | 218 |
| 45.00 | 1542 | 74.00 | 29608 | 107.00 | 138 | 153.00 | 111 |
| 46.00 | 53 | 75.00 | 92064 | 113.00 | 50 | 154.00 | 51 |
| 47.00 | 2942 | 76.00 | 8026 | 115.00 | 199 | 155.00 | 507 |
| 48.00 | 1068 | 77.00 | 1331 | 116.00 | 584 | 157.00 | 326 |
| 49.00 | 6877 | 78.00 | 937 | 117.00 | 1040 | 159.00 | 235 |
| 50.00 | 33880 | 79.00 | 3918 | 118.00 | 634 | 161.00 | 211 |
| 51.00 | 10581 | 80.00 | 1259 | 119.00 | 851 | 172.00 | 633 |
| 52.00 | 515 | 81.00 | 3985 | 128.00 | 630 | 173.00 | 1375 |
| 55.00 | 487 | 82.00 | 815 | 129.00 | 301 | 174.00 | 178560 |
| 56.00 | 2348 | 83.00 | 425 | 130.00 | 685 | 175.00 | 13214 |
| 57.00 | 4577 | 85.00 | 272 | 131.00 | 374 | 176.00 | 174464 |
| 58.00 | 224 | 86.00 | 273 | 135.00 | 263 | 177.00 | 11496 |
| 60.00 | 1730 | 87.00 | 9938 | 137.00 | 297 | 178.00 | 357 |
| 61.00 | 7941 | 88.00 | 9218 | 140.00 | 66 | | |
| 62.00 | 7765 | 91.00 | 570 | 141.00 | 1422 | | |
| 63.00 | 5991 | 92.00 | 4924 | 142.00 | 199 | | |

Report Date: 09-Jan-2025 06:42:46 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-02.d | | | | |
| Injection Date: | 07-Jan-2025 16:38:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | bfb | | | Worklist Smp#: | 2 |
| Client ID: | | | | | |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-01.d
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 10-Feb-2025 07:20:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-001
Misc. Info.: bfb
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:11:15 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 08:11:15

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 11 BFB | | | | | | | | | |
| * 39 Chlorobromomethane | 128 | | 12.171 | | | | 10.0 | ND | |
| * 49 1,4-Difluorobenzene | 114 | | 14.183 | | | | 10.0 | ND | |
| * 73 Chlorobenzene-d5 | 117 | | 19.902 | | | | 10.0 | ND | |

## QC Flag Legend
Processing Flags

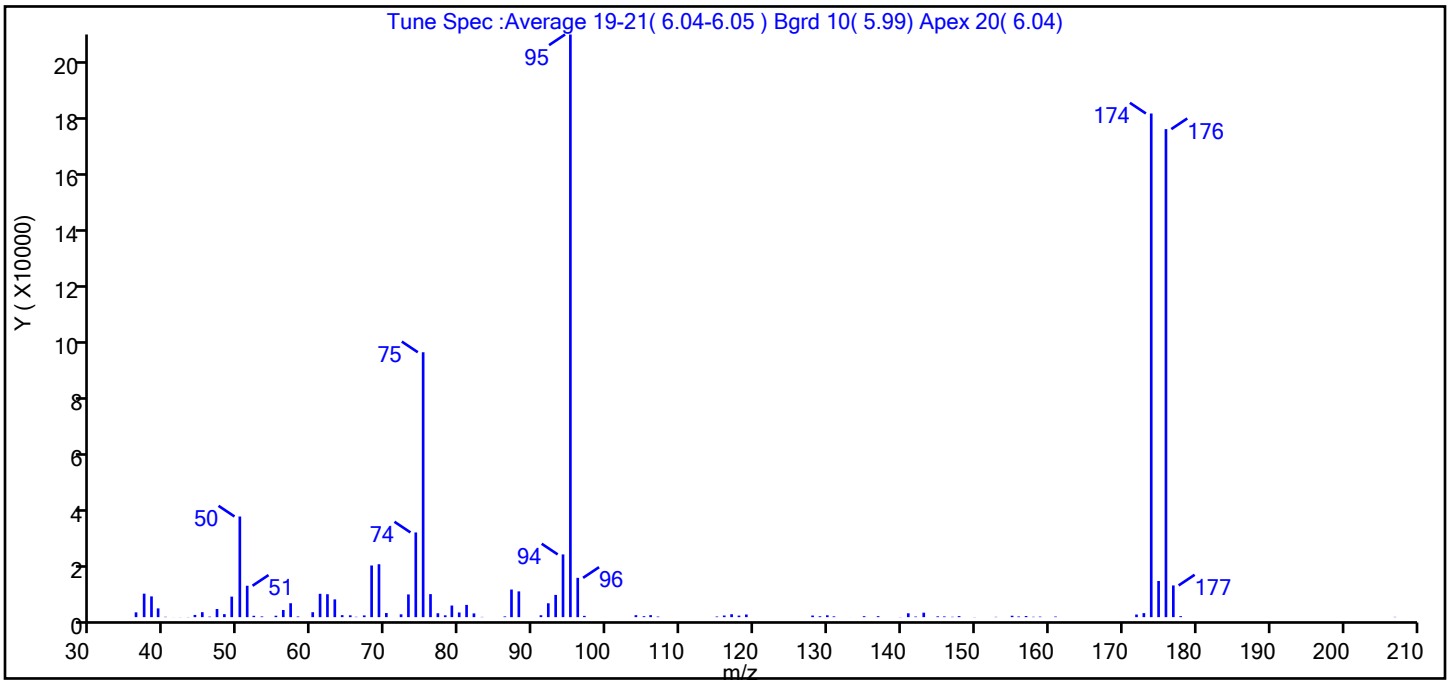
## Reagents:
ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

MS Tune Report

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-01.d
Injection Date: 10-Feb-2025 07:20:30 Instrument ID: CHW.i
Lims ID: bfb
Client ID:
Operator ID: vtp ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 200.0 mL Dil. Factor: 1.0000
Method: TO15_TO3_MasterMethod_W Limit Group: AI_TO15_ICAL
Tune Method: BFB Method TO-15

11 BFB




| m/z | Ion Abundance Criteria | % Relative Abundance |
|---|---|---|
| 95 | Base Peak, 100 Percent Relative Abundance | 100.0 |
| 50 | 8.0 to 40.0 Percent of m/e 95 | 17.3 |
| 75 | 30.0 to 66.0 Percent of m/e 95 | 45.5 |
| 96 | 5.0 to 9.0 Percent of m/e 95 | 6.7 |
| 173 | Less than 2.0 Percent of m/e 174 | 0.7 (0.8) |
| 174 | 50.0 to 120.0 Percent of m/e 95 | 86.4 |
| 175 | 4.0 to 9.0 Percent of m/e 174 | 6.2 (7.2) |
| 176 | 93.0 to 101.0 Percent of m/e 174 | 83.8 (96.9) |
| 177 | 5.0 to 9.0 Percent of m/e 176 | 5.4 (6.5) |

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-01.d\TO15_TO3_MasterMethod_W.rslt
Injection Date: 10-Feb-2025 07:20:30
Spectrum: Tune Spec :Average 19-21( 6.04-6.05 ) Bgrd 10( 5.99) Apex 20( 6.04)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 95

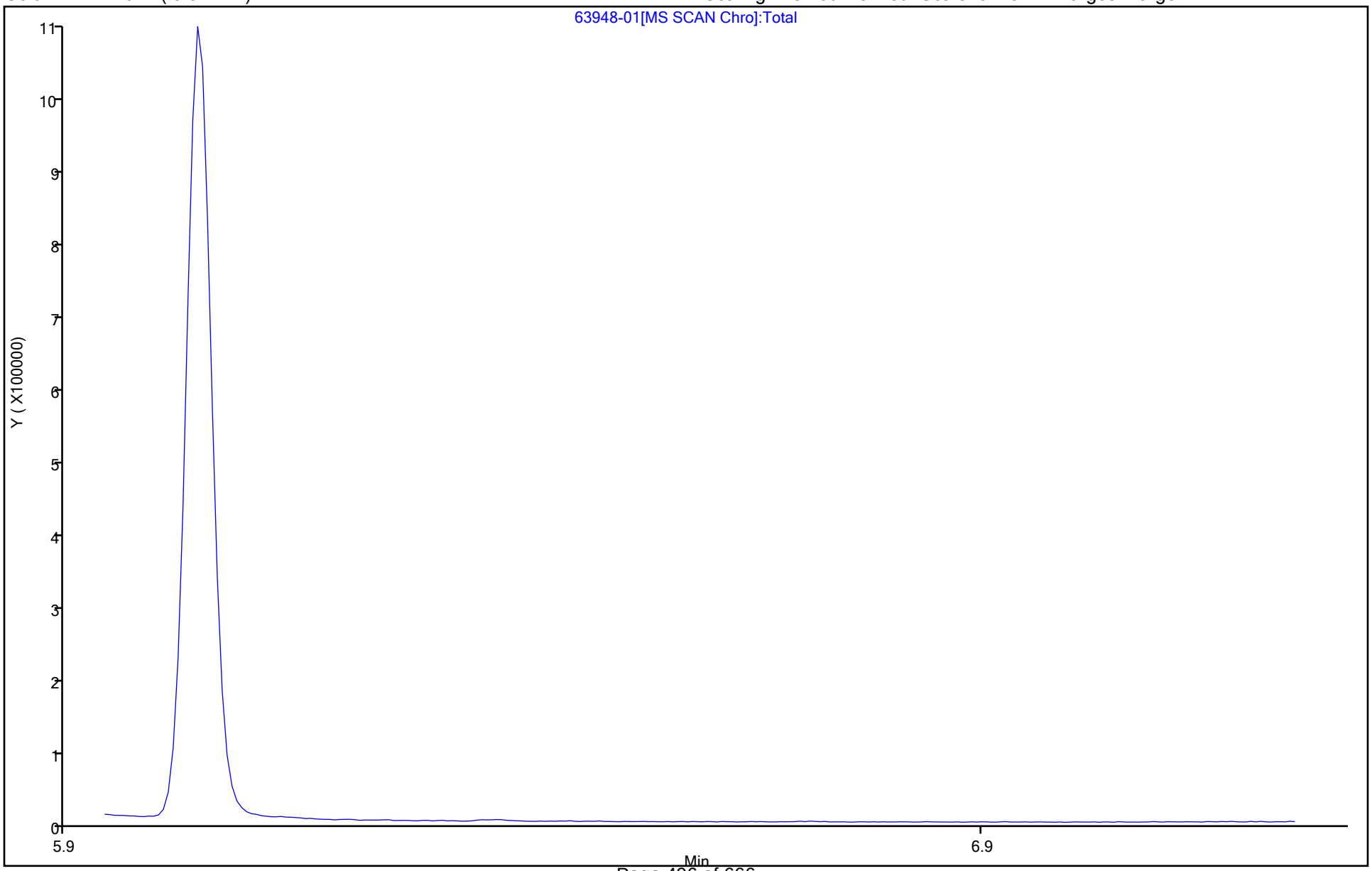
| m/z | Y | m/z | Y | m/z | Y | m/z | Y |
|---|---|---|---|---|---|---|---|
| 36.00 | 1672 | 62.00 | 7983 | 91.00 | 659 | 141.00 | 1343 |
| 37.00 | 8175 | 63.00 | 6184 | 92.00 | 4833 | 142.00 | 209 |
| 38.00 | 7230 | 64.00 | 693 | 93.00 | 7746 | 143.00 | 1552 |
| 39.00 | 3057 | 65.00 | 638 | 94.00 | 21848 | 145.00 | 276 |
| 40.00 | 122 | 66.00 | 119 | 95.00 | 202944 | 146.00 | 240 |
| 41.00 | 21 | 67.00 | 600 | 96.00 | 13688 | 147.00 | 123 |
| 42.00 | 36 | 68.00 | 17992 | 97.00 | 450 | 148.00 | 366 |
| 43.00 | 53 | 69.00 | 18432 | 104.00 | 685 | 150.00 | 50 |
| 44.00 | 771 | 70.00 | 1431 | 105.00 | 322 | 153.00 | 103 |
| 45.00 | 1728 | 72.00 | 985 | 106.00 | 698 | 155.00 | 483 |
| 46.00 | 176 | 73.00 | 7909 | 107.00 | 197 | 156.00 | 234 |
| 47.00 | 2834 | 74.00 | 29504 | 115.00 | 221 | 157.00 | 388 |
| 48.00 | 1041 | 75.00 | 92264 | 116.00 | 569 | 158.00 | 130 |
| 49.00 | 7146 | 76.00 | 8023 | 117.00 | 1013 | 159.00 | 182 |
| 50.00 | 35056 | 77.00 | 1357 | 118.00 | 538 | 161.00 | 209 |
| 51.00 | 10938 | 78.00 | 634 | 119.00 | 913 | 172.00 | 909 |
| 52.00 | 473 | 79.00 | 4042 | 128.00 | 555 | 173.00 | 1403 |
| 53.00 | 247 | 80.00 | 1619 | 129.00 | 304 | 174.00 | 175424 |
| 55.00 | 491 | 81.00 | 4264 | 130.00 | 638 | 175.00 | 12592 |
| 56.00 | 2490 | 82.00 | 1298 | 131.00 | 273 | 176.00 | 169984 |
| 57.00 | 4849 | 83.00 | 85 | 133.00 | 11 | 177.00 | 11043 |
| 58.00 | 222 | 86.00 | 256 | 135.00 | 327 | 178.00 | 339 |
| 60.00 | 1719 | 87.00 | 9619 | 137.00 | 336 | 207.00 | 92 |
| 61.00 | 8133 | 88.00 | 8970 | 140.00 | 52 | | |

Report Date: 11-Feb-2025 08:11:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-01.d | | | | |
| Injection Date: | 10-Feb-2025 07:20:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | bfb | | | Worklist Smp#: | 1 |
| Client ID: | | | | | |
| Injection Vol: | 200.0 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 1 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 2.5 | U | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 1.8 | U | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 1.4 | U | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 50.49 | 1.0 | U | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 58.12 | 1.2 | U | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.20 | U | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 0.44 | U | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 94.94 | 0.78 | U | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 64.52 | 1.3 | U | 1.3 | 0.47 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.87 | U | 0.87 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 1.1 | U | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 1.5 | U | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.10 |
| 67-64-1 | Acetone | 58.08 | 12 | U | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 12 | U | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 76.14 | 1.6 | U | 1.6 | 0.40 |
| 107-05-1 | 3-Chloropropene | 76.53 | 1.6 | U | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 84.93 | 1.7 | U | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 15 | U | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.72 | U | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.79 | U | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 86.17 | 1.8 | U | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 1.5 | U | 1.5 | 1.4 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 119.38 | 0.98 | U | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 15 | U | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 84.16 | 0.69 | U | 0.69 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.22 | U | 0.22 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.93 | U | 0.93 | 0.18 |
| 71-43-2 | Benzene | 78.11 | 0.64 | U | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.81 | U | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 100.21 | 0.82 | U | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 131.39 | 0.20 | U | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 100.12 | 2.0 | U | 2.0 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.92 | U | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 18 | U | 18 | 0.30 |
| 75-27-4 | Bromodichloromethane | 163.83 | 1.3 | U | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 2.0 | U | 2.0 | 0.53 |
| 108-88-3 | Toluene | 92.14 | 0.75 | U | 0.75 | 0.23 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.91 | U | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 1.1 | U | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 165.83 | 1.4 | U | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 2.0 | U | 2.0 | 0.61 |
| 124-48-1 | Dibromochloromethane | 208.28 | 1.7 | U | 1.7 | 0.54 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 1.5 | U | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.92 | U | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 106.17 | 0.87 | U | 0.87 | 0.30 |
| 179601-23-1 | m,p-Xylene | 106.17 | 2.2 | U | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 106.17 | 0.87 | U | 0.87 | 0.27 |
| 100-42-5 | Styrene | 104.15 | 0.85 | U | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 252.75 | 2.1 | U | 2.1 | 1.2 |
| 98-82-8 | Cumene | 120.19 | 0.98 | U | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 1.4 | U | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.98 | U | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.98 | U | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.98 | U | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 1.0 | U | 1.0 | 0.24 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.98 | U | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 1.1 | U | 1.1 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.44 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 126.58 | 1.0 | U | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 134.22 | 1.1 | U | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 1.2 | U | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 3.7 | U | 3.7 | 2.4 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 2.1 | U | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 128.17 | 2.0 | U | 2.0 | 1.6 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 0.50 | U | 0.50 | 0.11 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 0.50 | U | 0.50 | 0.12 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 0.20 | U | 0.20 | 0.048 |
| 74-87-3 | Chloromethane | 50.49 | 0.50 | U | 0.50 | 0.15 |
| 106-97-8 | n-Butane | 58.12 | 0.50 | U | 0.50 | 0.20 |
| 75-01-4 | Vinyl chloride | 62.50 | 0.078 | U | 0.078 | 0.021 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 0.20 | U | 0.20 | 0.039 |
| 74-83-9 | Bromomethane | 94.94 | 0.20 | U | 0.20 | 0.071 |
| 75-00-3 | Chloroethane | 64.52 | 0.50 | U | 0.50 | 0.18 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 0.20 | U | 0.20 | 0.050 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 0.20 | U | 0.20 | 0.050 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 0.20 | U | 0.20 | 0.053 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.026 |
| 67-64-1 | Acetone | 58.08 | 5.0 | U | 5.0 | 1.6 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 5.0 | U | 5.0 | 1.6 |
| 75-15-0 | Carbon disulfide | 76.14 | 0.50 | U | 0.50 | 0.13 |
| 107-05-1 | 3-Chloropropene | 76.53 | 0.50 | U | 0.50 | 0.12 |
| 75-09-2 | Methylene Chloride | 84.93 | 0.50 | U | 0.50 | 0.18 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 5.0 | U | 5.0 | 1.2 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 0.20 | U | 0.20 | 0.036 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 0.20 | U | 0.20 | 0.023 |
| 110-54-3 | n-Hexane | 86.17 | 0.50 | U | 0.50 | 0.11 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.025 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 0.50 | U | 0.50 | 0.49 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 0.050 | U | 0.050 | 0.021 |
| 67-66-3 | Chloroform | 119.38 | 0.20 | U | 0.20 | 0.041 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 5.0 | U | 5.0 | 1.3 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.044 |
| 110-82-7 | Cyclohexane | 84.16 | 0.20 | U | 0.20 | 0.058 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 0.035 | U | 0.035 | 0.022 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N) ___ pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 0.20 | U | 0.20 | 0.038 |
| 71-43-2 | Benzene | 78.11 | 0.20 | U | 0.20 | 0.044 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 0.20 | U | 0.20 | 0.093 |
| 142-82-5 | n-Heptane | 100.21 | 0.20 | U | 0.20 | 0.055 |
| 79-01-6 | Trichloroethene | 131.39 | 0.037 | U | 0.037 | 0.025 |
| 80-62-6 | Methyl methacrylate | 100.12 | 0.50 | U | 0.50 | 0.14 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 0.20 | U | 0.20 | 0.094 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 5.0 | U | 5.0 | 0.082 |
| 75-27-4 | Bromodichloromethane | 163.83 | 0.20 | U | 0.20 | 0.050 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.045 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 0.50 | U | 0.50 | 0.13 |
| 108-88-3 | Toluene | 92.14 | 0.20 | U | 0.20 | 0.062 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 0.20 | U | 0.20 | 0.054 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 0.20 | U | 0.20 | 0.074 |
| 127-18-4 | Tetrachloroethene | 165.83 | 0.20 | U | 0.20 | 0.021 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 0.50 | U | 0.50 | 0.15 |
| 124-48-1 | Dibromochloromethane | 208.28 | 0.20 | U | 0.20 | 0.063 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 0.20 | U | 0.20 | 0.042 |
| 108-90-7 | Chlorobenzene | 112.56 | 0.20 | U | 0.20 | 0.044 |
| 100-41-4 | Ethylbenzene | 106.17 | 0.20 | U | 0.20 | 0.069 |
| 179601-23-1 | m,p-Xylene | 106.17 | 0.50 | U | 0.50 | 0.095 |
| 95-47-6 | o-Xylene | 106.17 | 0.20 | U | 0.20 | 0.063 |
| 100-42-5 | Styrene | 104.15 | 0.20 | U | 0.20 | 0.059 |
| 75-25-2 | Bromoform | 252.75 | 0.20 | U | 0.20 | 0.12 |
| 98-82-8 | Cumene | 120.19 | 0.20 | U | 0.20 | 0.041 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 0.20 | U | 0.20 | 0.043 |
| 103-65-1 | n-Propylbenzene | 120.19 | 0.20 | U | 0.20 | 0.047 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 0.20 | U | 0.20 | 0.049 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 0.20 | U | 0.20 | 0.047 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 0.20 | U | 0.20 | 0.046 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213497/5

Matrix: Air  Lab File ID: 63948-05.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 10:46

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.047 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 0.20 | U | 0.20 | 0.080 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.045 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 0.20 | U | 0.20 | 0.061 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.074 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.089 |
| 100-44-7 | Benzyl chloride | 126.58 | 0.20 | U | 0.20 | 0.088 |
| 104-51-8 | n-Butylbenzene | 134.22 | 0.20 | U | 0.20 | 0.11 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 0.20 | U | 0.20 | 0.066 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 0.50 | U | 0.50 | 0.33 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 0.20 | U | 0.20 | 0.11 |
| 91-20-3 | Naphthalene | 128.17 | 0.38 | U | 0.38 | 0.30 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-05.d
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 10-Feb-2025 10:46:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-005
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:21:10 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 08:21:10

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | | 4.067 | | | | | ND | |
| 2 Dichlorodifluoromethane | 85 | | 4.158 | | | | | ND | |
| 3 Chlorodifluoromethane | 51 | | 4.195 | | | | | ND | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.500 | | | | | ND | |
| 5 Chloromethane | 50 | | 4.612 | | | | | ND | 7 |
| 6 Vinyl chloride | 62 | | 4.906 | | | | | ND | |
| 7 Butane | 43 | | 4.912 | | | | | ND | 7 |
| 8 Butadiene | 54 | | 5.019 | | | | | ND | |
| 9 Bromomethane | 94 | | 5.762 | | | | | ND | |
| 10 Chloroethane | 64 | | 6.057 | | | | | ND | |
| 12 2-Methylbutane | 43 | | 6.292 | | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.533 | | | | | ND | |
| 14 Trichlorofluoromethane | 101 | | 6.715 | | | | | ND | |
| 15 Pentane | 43 | | 6.950 | | | | | ND | |
| 16 Ethanol | 45 | | 7.159 | | | | | ND | |
| 18 Ethyl ether | 59 | | 7.437 | | | | | ND | |
| 19 Acrolein | 56 | | 7.720 | | | | | ND | |
| 20 1,1-Dichloroethene | 96 | | 7.956 | | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.004 | | | | | ND | |
| 22 Acetone | 43 | | 8.041 | | | | | ND | |
| 23 Isopropyl alcohol | 45 | | 8.400 | | | | | ND | |
| 24 Carbon disulfide | 76 | 8.459 | 8.452 | 0.011 | 94 | 1103 | | 0.0177 | |
| 25 Acetonitrile | 41 | | 8.635 | | | | | ND | |
| 26 3-Chloro-1-propene | 41 | | 8.790 | | | | | ND | |
| 27 Methylene Chloride | 49 | 9.069 | 9.073 | 0.000 | 91 | 1698 | | 0.0706 | |
| 28 2-Methyl-2-propanol | 59 | | 9.315 | | | | | ND | |
| 29 Acrylonitrile | 53 | | 9.539 | | | | | ND | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.673 | | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.673 | | | | | ND | |
| S 35 1,2-Dichloroethene, Total | 61 | | 10.200 | | | | | ND | 7 |
| 32 Hexane | 57 | | 10.278 | | | | | ND | |
| 33 1,1-Dichloroethane | 63 | | 10.572 | | | | | ND | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Vinyl acetate | 43 | | 10.583 | | | | | ND | |
| 36 2-Butanone (MEK) | 72 | | 11.674 | | | | | ND | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.711 | | | | | ND | |
| 38 Ethyl acetate | 88 | | 11.770 | | | | | ND | |
| * 39 Chlorobromomethane | 128 | 12.172 | 12.171 | 0.001 | 94 | 163426 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 12.230 | | | | | ND | |
| 41 Chloroform | 83 | | 12.369 | | | | | ND | |
| 42 1,1,1-Trichloroethane | 97 | | 12.712 | | | | | ND | |
| 43 Cyclohexane | 84 | | 12.878 | | | | | ND | |
| 44 Carbon tetrachloride | 117 | | 13.027 | | | | | ND | |
| 45 Benzene | 78 | | 13.396 | | | | | ND | |
| 46 1,2-Dichloroethane | 62 | | 13.471 | | | | | ND | |
| 47 Isooctane | 57 | | 13.632 | | | | | ND | |
| 48 n-Heptane | 43 | | 13.958 | | | | | ND | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 97 | 814539 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | | 14.397 | | | | | ND | 7 |
| A 52 GRO | 1 | 14.474 | (6.282-22.667) | | 0 | 2078039 | | 0 | |
| 51 Trichloroethene | 95 | | 14.654 | | | | | ND | |
| 53 1,2-Dichloropropane | 63 | | 15.135 | | | | | ND | |
| 54 Methyl methacrylate | 69 | | 15.210 | | | | | ND | |
| 55 1,4-Dioxane | 88 | | 15.269 | | | | | ND | |
| 57 Dibromomethane | 174 | | 15.306 | | | | | ND | |
| 58 Dichlorobromomethane | 83 | | 15.622 | | | | | ND | |
| A 60 TVOC as Toluene | 1 | 16.061 | (4.057-28.065) | | 0 | 2143224 | | 0 | |
| 59 cis-1,3-Dichloropropene | 75 | | 16.462 | | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | | 16.713 | | | | | ND | |
| 62 Toluene | 92 | | 17.141 | | | | | ND | |
| A 63 Toluene Range | 1 | 17.152 | (17.066-17.238) | | 0 | 298 | | NC | |
| 64 n-Octane | 43 | | 17.377 | | | | | ND | |
| A 65 C8 Range | 1 | 17.377 | (17.291-17.462) | | 0 | 3708 | | NC | |
| 66 trans-1,3-Dichloropropene | 75 | | 17.548 | | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | | 17.944 | | | | | ND | |
| 68 Tetrachloroethene | 166 | | 18.168 | | | | | ND | |
| 69 2-Hexanone | 43 | | 18.340 | | | | | ND | |
| 70 Chlorodibromomethane | 129 | | 18.714 | | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.971 | | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 19.902 | 19.902 | 0.000 | 86 | 689872 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.961 | | | | | ND | |
| S 80 Xylenes, Total | 106 | | 20.100 | | | | | ND | 7 |
| 75 Ethylbenzene | 91 | | 20.142 | | | | | ND | MU |
| 76 m-Xylene & p-Xylene | 106 | | 20.394 | | | | | ND | |
| 77 n-Nonane | 57 | | 20.431 | | | | | ND | |
| 78 o-Xylene | 106 | | 21.111 | | | | | ND | |
| 79 Styrene | 104 | | 21.137 | | | | | ND | |
| 81 Bromoform | 173 | | 21.458 | | | | | ND | |
| 82 Isopropylbenzene | 105 | | 21.726 | | | | | ND | |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 22.186 | | | | | ND | 7 |
| 84 1,2,3-Trichloropropane | 75 | | 22.288 | | | | | ND | |
| 85 N-Propylbenzene | 91 | | 22.384 | | | | | ND | |
| 86 2-Chlorotoluene | 91 | | 22.534 | | | | | ND | |
| 87 4-Ethyltoluene | 105 | | 22.566 | | | | | ND | |
| 88 1,3,5-Trimethylbenzene | 105 | | 22.651 | | | | | ND | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 n-Decane | 57 | | 22.657 | | | | | ND | |
| 90 Alpha Methyl Styrene | 118 | | 22.962 | | | | | ND | |
| 91 tert-Butylbenzene | 119 | | 23.112 | | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | | 23.192 | | | | | ND | |
| 93 sec-Butylbenzene | 105 | | 23.432 | | | | | ND | |
| 94 1,3-Dichlorobenzene | 146 | | 23.625 | | | | | ND | |
| 95 4-Isopropyltoluene | 119 | | 23.646 | | | | | ND | |
| 96 1,4-Dichlorobenzene | 146 | | 23.770 | | | | | ND | |
| 97 Benzyl chloride | 91 | | 23.919 | | | | | ND | |
| 98 n-Butylbenzene | 91 | | 24.246 | | | | | ND | |
| 99 1,2-Dichlorobenzene | 146 | | 24.304 | | | | | ND | 7 |
| 100 Undecane | 57 | | 24.379 | | | | | ND | |
| 101 Dodecane | 57 | | 26.123 | | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 27.022 | | | | | ND | |
| 103 Hexachlorobutadiene | 225 | | 27.290 | | | | | ND | |
| 104 Naphthalene | 128 | | 27.573 | | | | | ND | 7 |
| 105 1,2,3-Trichlorobenzene | 180 | | 28.055 | | | | | ND | |
| 109 Chlorotrifluoroethene TIC | 1 | | 0.000 | | | | | ND | |
| 110 Difluoroethane TIC | 1 | | 0.000 | | | | | ND | |
| 111 Total Alkanes TIC | 1 | | 0.000 | | | | | ND | |
| 112 Freon 115 TIC | 1 | | 0.000 | | | | | ND | |
| 113 1,1,1-Trifluoro-2,2-dichloroetha | 1 | | 0.000 | | | | | ND | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | | ND | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
7 - Failed Limit of Detection
Review Flags
U - Marked Undetected

## Reagents:

ATTO15WISs_00010 Amount Added: 20.00 Units: mL Run Reagent

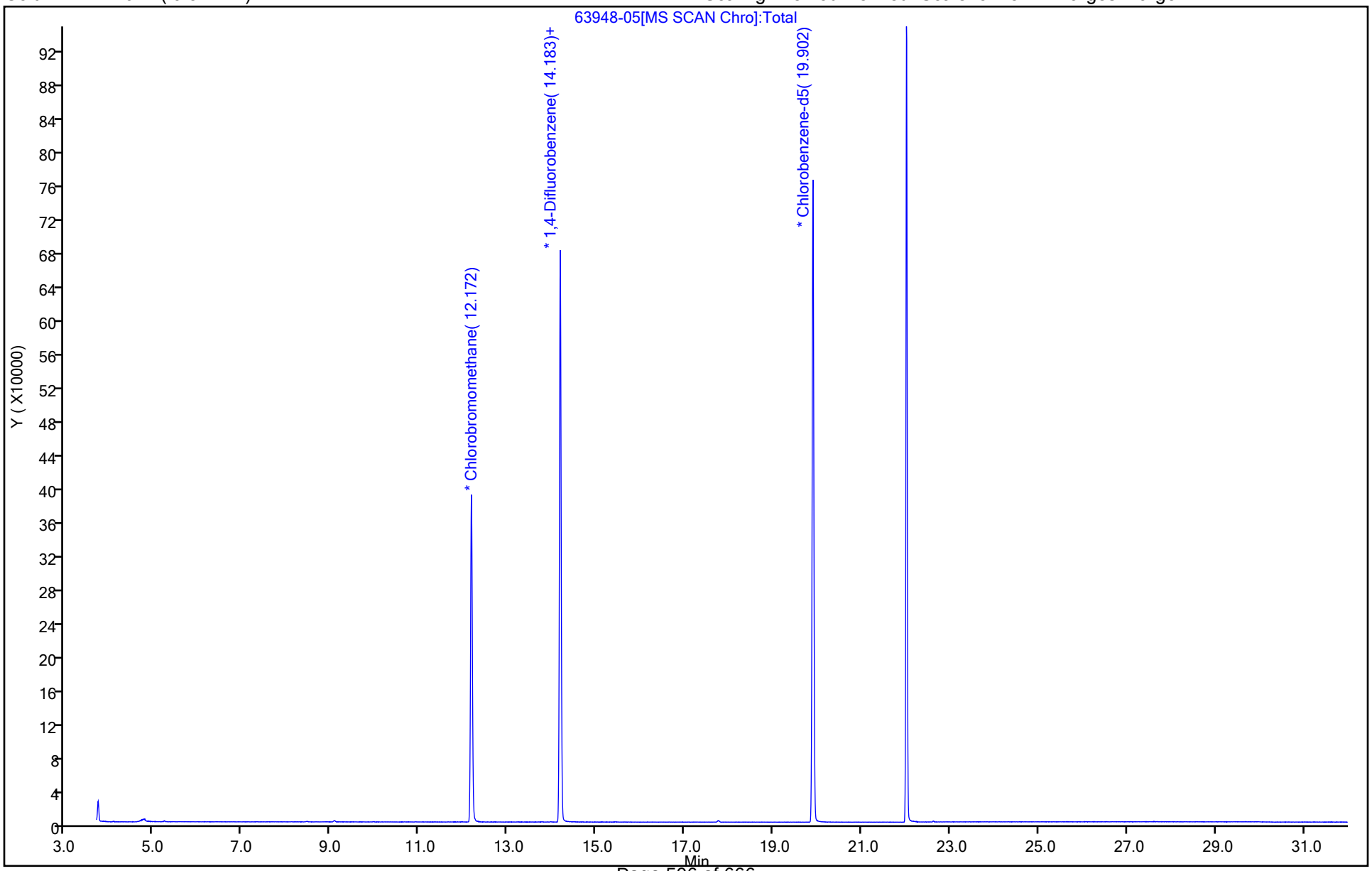
Report Date: 11-Feb-2025 08:21:11 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-05.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 10:46:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | mb | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



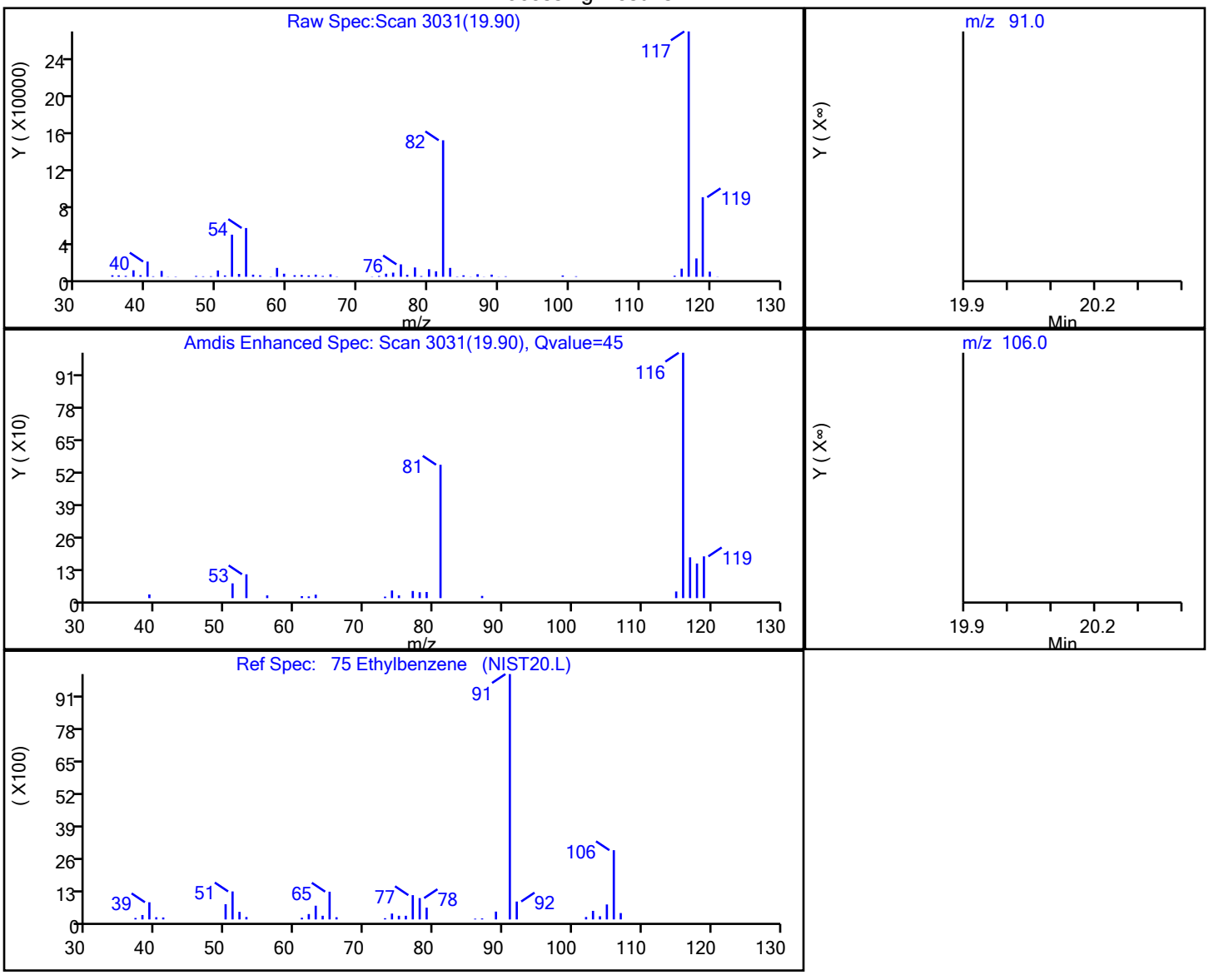
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-05.d | | | | |
| Injection Date: | 10-Feb-2025 10:46:30 | Instrument ID: | CHW.i | | |
| Lims ID: | mb | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 4 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 75 Ethylbenzene, CAS: 100-41-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 19.90 | 91.00 | 1308 | 0.012967 |
| 20.14 | 106.00 | 0 | |

Reviewer: F7XK, 11-Feb-2025 08:20:11 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 200-213497/3

Matrix: Air  Lab File ID: 63948-03.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 09:04

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 75-71-8 | Dichlorodifluoromethane | 120.91 | 55.7 | | 2.5 | 0.54 |
| 75-45-6 | Chlorodifluoromethane | 86.47 | 40.3 | | 1.8 | 0.42 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 170.92 | 75.3 | | 1.4 | 0.34 |
| 74-87-3 | Chloromethane | 50.49 | 23.2 | | 1.0 | 0.31 |
| 106-97-8 | n-Butane | 58.12 | 26.8 | | 1.2 | 0.48 |
| 75-01-4 | Vinyl chloride | 62.50 | 25.9 | | 0.20 | 0.054 |
| 106-99-0 | 1,3-Butadiene | 54.09 | 21.5 | | 0.44 | 0.086 |
| 74-83-9 | Bromomethane | 94.94 | 40.6 | | 0.78 | 0.28 |
| 75-00-3 | Chloroethane | 64.52 | 29.3 | | 1.3 | 0.47 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 106.96 | 45.6 | | 0.87 | 0.22 |
| 75-69-4 | Trichlorofluoromethane | 137.37 | 61.0 | | 1.1 | 0.28 |
| 76-13-1 | 1,1,2-Trichlorotrifluoroethane | 187.38 | 81.2 | | 1.5 | 0.41 |
| 75-35-4 | 1,1-Dichloroethene | 96.94 | 42.1 | | 0.20 | 0.10 |
| 67-64-1 | Acetone | 58.08 | 26.9 | | 12 | 3.8 |
| 67-63-0 | Isopropyl alcohol | 60.10 | 33.1 | | 12 | 3.9 |
| 75-15-0 | Carbon disulfide | 76.14 | 34.2 | | 1.6 | 0.40 |
| 107-05-1 | 3-Chloropropene | 76.53 | 32.2 | | 1.6 | 0.38 |
| 75-09-2 | Methylene Chloride | 84.93 | 39.0 | | 1.7 | 0.63 |
| 75-65-0 | tert-Butyl alcohol | 74.12 | 34.5 | | 15 | 3.6 |
| 1634-04-4 | Methyl tert-butyl ether | 88.15 | 41.1 | | 0.72 | 0.13 |
| 156-60-5 | trans-1,2-Dichloroethene | 96.94 | 44.1 | | 0.79 | 0.091 |
| 110-54-3 | n-Hexane | 86.17 | 40.7 | | 1.8 | 0.39 |
| 75-34-3 | 1,1-Dichloroethane | 98.96 | 43.8 | | 0.81 | 0.10 |
| 78-93-3 | Methyl Ethyl Ketone (2-Butanone) | 72.11 | 34.4 | | 1.5 | 1.4 |
| 156-59-2 | cis-1,2-Dichloroethene | 96.94 | 43.2 | | 0.20 | 0.083 |
| 67-66-3 | Chloroform | 119.38 | 53.2 | | 0.98 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 72.11 | 33.4 | | 15 | 3.8 |
| 71-55-6 | 1,1,1-Trichloroethane | 133.41 | 60.2 | | 1.1 | 0.24 |
| 110-82-7 | Cyclohexane | 84.16 | 38.9 | | 0.69 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 153.81 | 70.2 | | 0.22 | 0.14 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 200-213497/3

Matrix: Air  Lab File ID: 63948-03.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 09:04

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 540-84-1 | 2,2,4-Trimethylpentane | 114.23 | 55.3 | | 0.93 | 0.18 |
| 71-43-2 | Benzene | 78.11 | 34.6 | | 0.64 | 0.14 |
| 107-06-2 | 1,2-Dichloroethane | 98.96 | 46.4 | | 0.81 | 0.38 |
| 142-82-5 | n-Heptane | 100.21 | 50.6 | | 0.82 | 0.23 |
| 79-01-6 | Trichloroethene | 131.39 | 56.3 | | 0.20 | 0.13 |
| 80-62-6 | Methyl methacrylate | 100.12 | 47.6 | | 2.0 | 0.57 |
| 78-87-5 | 1,2-Dichloropropane | 112.99 | 52.1 | | 0.92 | 0.43 |
| 123-91-1 | 1,4-Dioxane | 88.11 | 43.7 | | 18 | 0.30 |
| 75-27-4 | Bromodichloromethane | 163.83 | 73.6 | | 1.3 | 0.34 |
| 10061-01-5 | cis-1,3-Dichloropropene | 110.97 | 51.8 | | 0.91 | 0.20 |
| 108-10-1 | 4-Methyl-2-pentanone (Methyl isobutyl ketone) | 100.16 | 49.8 | | 2.0 | 0.53 |
| 108-88-3 | Toluene | 92.14 | 42.8 | | 0.75 | 0.23 |
| 10061-02-6 | trans-1,3-Dichloropropene | 110.97 | 53.3 | | 0.91 | 0.25 |
| 79-00-5 | 1,1,2-Trichloroethane | 133.41 | 59.4 | | 1.1 | 0.40 |
| 127-18-4 | Tetrachloroethene | 165.83 | 70.5 | | 1.4 | 0.14 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 100.20 | 51.1 | | 2.0 | 0.61 |
| 124-48-1 | Dibromochloromethane | 208.28 | 88.4 | | 1.7 | 0.54 |
| 106-93-4 | 1,2-Dibromoethane | 187.87 | 84.3 | | 1.5 | 0.32 |
| 108-90-7 | Chlorobenzene | 112.56 | 48.4 | | 0.92 | 0.20 |
| 100-41-4 | Ethylbenzene | 106.17 | 49.5 | | 0.87 | 0.30 |
| 179601-23-1 | m,p-Xylene | 106.17 | 100 | | 2.2 | 0.41 |
| 95-47-6 | o-Xylene | 106.17 | 50.3 | | 0.87 | 0.27 |
| 100-42-5 | Styrene | 104.15 | 50.8 | | 0.85 | 0.25 |
| 75-25-2 | Bromoform | 252.75 | 89.8 | | 2.1 | 1.2 |
| 98-82-8 | Cumene | 120.19 | 58.6 | | 0.98 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 167.85 | 75.5 | | 1.4 | 0.30 |
| 103-65-1 | n-Propylbenzene | 120.19 | 57.6 | | 0.98 | 0.23 |
| 622-96-8 | 4-Ethyltoluene | 120.20 | 57.8 | | 0.98 | 0.24 |
| 108-67-8 | 1,3,5-Trimethylbenzene | 120.20 | 56.3 | | 0.98 | 0.23 |
| 95-49-8 | 2-Chlorotoluene | 126.59 | 59.1 | | 1.0 | 0.24 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Client Sample ID:  Lab Sample ID: LCS 200-213497/3

Matrix: Air  Lab File ID: 63948-03.d

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 02/10/2025 09:04

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213497  Units: ug/m3

Preparation Batch No.:  Instrument ID: CHW.i

| CAS NO. | COMPOUND NAME | MOLECULAR WEIGHT | RESULT | Q | RL | MDL |
|---|---|---|---|---|---|---|
| 98-06-6 | tert-Butylbenzene | 134.22 | 63.2 | | 1.1 | 0.26 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 120.20 | 57.8 | | 0.98 | 0.39 |
| 135-98-8 | sec-Butylbenzene | 134.22 | 63.8 | | 1.1 | 0.25 |
| 99-87-6 | 4-Isopropyltoluene | 134.22 | 64.5 | | 1.1 | 0.33 |
| 541-73-1 | 1,3-Dichlorobenzene | 147.00 | 64.5 | | 1.2 | 0.44 |
| 106-46-7 | 1,4-Dichlorobenzene | 147.00 | 64.5 | | 1.2 | 0.54 |
| 100-44-7 | Benzyl chloride | 126.58 | 61.9 | | 1.0 | 0.46 |
| 104-51-8 | n-Butylbenzene | 134.22 | 66.7 | | 1.1 | 0.60 |
| 95-50-1 | 1,2-Dichlorobenzene | 147.00 | 63.8 | | 1.2 | 0.40 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 181.45 | 98.8 | | 3.7 | 2.4 |
| 87-68-3 | Hexachlorobutadiene | 260.76 | 123 | | 2.1 | 1.2 |
| 91-20-3 | Naphthalene | 128.17 | 70.9 | | 2.0 | 1.6 |

Report Date: 11-Feb-2025 08:16:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-03.d
Lims ID: lcs
Client ID:
Sample Type: LCS
Inject. Date: 10-Feb-2025 09:04:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063948-003
Operator ID: vtp Instrument ID: CHW.i

Method: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\TO15_TO3_MasterMethod_W.m
Limit Group: AI_TO15_ICAL
Last Update: 11-Feb-2025 08:14:41 Calib Date: 08-Jan-2025 12:11:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250107-63614.b\63614-25.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1692

First Level Reviewer: F7XK Date: 11-Feb-2025 08:16:14

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | 4.067 | 4.067 | 0.000 | 97 | 189965 | 10.0 | 11.3 | |
| 2 Dichlorodifluoromethane | 85 | 4.163 | 4.158 | 0.005 | 100 | 555996 | 10.0 | 11.3 | |
| 3 Chlorodifluoromethane | 51 | 4.200 | 4.195 | 0.005 | 97 | 345715 | 10.0 | 11.4 | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | 4.500 | 4.500 | 0.000 | 95 | 602636 | 10.0 | 10.8 | |
| 5 Chloromethane | 50 | 4.618 | 4.612 | 0.006 | 99 | 214387 | 10.0 | 11.3 | |
| 6 Vinyl chloride | 62 | 4.907 | 4.906 | 0.001 | 100 | 194709 | 10.0 | 10.1 | |
| 7 Butane | 43 | 4.912 | 4.912 | 0.000 | 98 | 295229 | 10.0 | 11.3 | |
| 8 Butadiene | 54 | 5.019 | 5.019 | 0.000 | 93 | 151721 | 10.0 | 9.73 | |
| 9 Bromomethane | 94 | 5.763 | 5.762 | 0.000 | 99 | 213122 | 10.0 | 10.4 | |
| 11 BFB | | | | | | | | | |
| 10 Chloroethane | 64 | 6.057 | 6.057 | 0.000 | 99 | 131698 | 10.0 | 11.1 | |
| 12 2-Methylbutane | 43 | 6.292 | 6.292 | 0.000 | 93 | 271217 | 10.0 | 10.9 | |
| 13 Vinyl bromide | 106 | 6.533 | 6.533 | 0.000 | 99 | 200474 | 10.0 | 10.4 | |
| 14 Trichlorofluoromethane | 101 | 6.715 | 6.715 | 0.000 | 99 | 515647 | 10.0 | 10.9 | |
| 15 Pentane | 43 | 6.950 | 6.950 | 0.000 | 96 | 409970 | 10.0 | 11.5 | |
| 16 Ethanol | 45 | 7.159 | 7.159 | 0.000 | 98 | 163910 | 15.0 | 16.4 | |
| 18 Ethyl ether | 59 | 7.437 | 7.437 | 0.000 | 92 | 164620 | 10.0 | 11.3 | |
| 19 Acrolein | 56 | 7.721 | 7.720 | 0.000 | 95 | 88057 | 10.0 | 11.2 | |
| 20 1,1-Dichloroethene | 96 | 7.956 | 7.956 | 0.000 | 97 | 227065 | 10.0 | 10.6 | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | 8.004 | 8.004 | 0.000 | 98 | 476472 | 10.0 | 10.6 | |
| 22 Acetone | 43 | 8.041 | 8.041 | 0.000 | 96 | 323216 | 10.0 | 11.3 | |
| 23 Isopropyl alcohol | 45 | 8.395 | 8.400 | -0.005 | 100 | 402064 | 10.0 | 13.5 | |
| 24 Carbon disulfide | 76 | 8.443 | 8.448 | -0.005 | 99 | 695477 | 10.0 | 11.0 | |
| 25 Acetonitrile | 41 | 8.635 | 8.635 | 0.000 | 99 | 187651 | 10.0 | 11.3 | |
| 26 3-Chloro-1-propene | 41 | 8.790 | 8.790 | 0.000 | 94 | 279590 | 10.0 | 10.3 | |
| 27 Methylene Chloride | 49 | 9.069 | 9.069 | 0.000 | 94 | 274128 | 10.0 | 11.2 | |
| 28 2-Methyl-2-propanol | 59 | 9.315 | 9.315 | 0.000 | 98 | 439916 | 10.0 | 11.4 | |
| 29 Acrylonitrile | 53 | 9.539 | 9.539 | 0.000 | 96 | 171187 | 10.0 | 11.2 | |
| 30 trans-1,2-Dichloroethene | 61 | 9.673 | 9.673 | 0.000 | 99 | 338798 | 10.0 | 11.1 | |
| 31 Methyl tert-butyl ether | 73 | 9.673 | 9.673 | 0.000 | 98 | 632177 | 10.0 | 11.4 | |
| S 35 1,2-Dichloroethene, Total | 61 | | | | 0 | | 20.0 | 22.0 | |
| 32 Hexane | 57 | 10.278 | 10.278 | 0.000 | 92 | 381673 | 10.0 | 11.5 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 33 1,1-Dichloroethane | 63 | 10.572 | 10.572 | 0.000 | 99 | 438214 | 10.0 | 10.8 | |
| 34 Vinyl acetate | 43 | 10.583 | 10.583 | 0.001 | 100 | 560655 | 10.0 | 12.9 | |
| 36 2-Butanone (MEK) | 72 | 11.674 | 11.674 | 0.000 | 99 | 123715 | 10.0 | 11.7 | |
| 37 cis-1,2-Dichloroethene | 96 | 11.711 | 11.711 | 0.000 | 94 | 258497 | 10.0 | 10.9 | |
| 38 Ethyl acetate | 88 | 11.770 | 11.770 | 0.000 | 100 | 22841 | 10.0 | 10.7 | |
| * 39 Chlorobromomethane | 128 | 12.171 | 12.171 | 0.000 | 93 | 165724 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | 12.225 | 12.230 | -0.005 | 93 | 273356 | 10.0 | 11.3 | |
| 41 Chloroform | 83 | 12.369 | 12.369 | 0.000 | 96 | 472087 | 10.0 | 10.9 | |
| 42 1,1,1-Trichloroethane | 97 | 12.712 | 12.712 | 0.000 | 99 | 459350 | 10.0 | 11.0 | |
| 43 Cyclohexane | 84 | 12.878 | 12.878 | 0.000 | 98 | 334959 | 10.0 | 11.3 | |
| 44 Carbon tetrachloride | 117 | 13.027 | 13.027 | 0.000 | 99 | 468363 | 10.0 | 11.2 | |
| 45 Benzene | 78 | 13.397 | 13.396 | 0.001 | 95 | 767761 | 10.0 | 10.8 | |
| 46 1,2-Dichloroethane | 62 | 13.471 | 13.471 | 0.000 | 94 | 289427 | 10.0 | 11.5 | |
| 47 Isooctane | 57 | 13.632 | 13.632 | 0.000 | 100 | 1259295 | 10.0 | 11.8 | |
| 48 n-Heptane | 43 | 13.958 | 13.958 | 0.000 | 92 | 448723 | 10.0 | 12.3 | |
| * 49 1,4-Difluorobenzene | 114 | 14.183 | 14.183 | 0.000 | 94 | 832539 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | 14.397 | 14.397 | 0.000 | 88 | 175712 | 10.0 | 11.5 | |
| A 52 GRO | 1 | 14.474 | (6.282-22.667) | | 0 | 108074500 | 649.9 | 0 | |
| 51 Trichloroethene | 95 | 14.654 | 14.654 | 0.000 | 98 | 316687 | 10.0 | 10.5 | |
| 53 1,2-Dichloropropane | 63 | 15.135 | 15.135 | 0.000 | 89 | 294151 | 10.0 | 11.3 | |
| 54 Methyl methacrylate | 69 | 15.210 | 15.210 | 0.000 | 98 | 274299 | 10.0 | 11.6 | |
| 55 1,4-Dioxane | 88 | 15.264 | 15.269 | -0.005 | 94 | 175908 | 10.0 | 12.1 | |
| 57 Dibromomethane | 174 | 15.306 | 15.306 | 0.000 | 96 | 325806 | 10.0 | 10.8 | |
| 58 Dichlorobromomethane | 83 | 15.622 | 15.622 | 0.000 | 98 | 498382 | 10.0 | 11.0 | |
| A 60 TVOC as Toluene | 1 | 16.061 | (4.057-28.065) | | 0 | 166926693 | 899.8 | 0 | |
| 59 cis-1,3-Dichloropropene | 75 | 16.462 | 16.462 | 0.000 | 91 | 443233 | 10.0 | 11.4 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | 16.713 | 16.713 | 0.000 | 96 | 535979 | 10.0 | 12.2 | |
| 62 Toluene | 92 | 17.136 | 17.141 | -0.005 | 93 | 539974 | 10.0 | 11.4 | |
| A 63 Toluene Range | 1 | 17.152 | (17.066-17.238) | | 0 | 2139737 | NC | NC | |
| 64 n-Octane | 43 | 17.377 | 17.377 | 0.000 | 92 | 641896 | 10.0 | 12.8 | |
| A 65 C8 Range | 1 | 17.377 | (17.291-17.462) | | 0 | 2479207 | NC | NC | |
| 66 trans-1,3-Dichloropropene | 75 | 17.548 | 17.548 | 0.000 | 96 | 362218 | 10.0 | 11.7 | |
| 67 1,1,2-Trichloroethane | 83 | 17.938 | 17.944 | -0.006 | 97 | 262747 | 10.0 | 10.9 | |
| 68 Tetrachloroethene | 166 | 18.168 | 18.168 | 0.000 | 98 | 442861 | 10.0 | 10.4 | |
| 69 2-Hexanone | 43 | 18.340 | 18.340 | 0.000 | 95 | 500305 | 10.0 | 12.5 | |
| 70 Chlorodibromomethane | 129 | 18.714 | 18.714 | 0.000 | 98 | 479864 | 10.0 | 10.4 | |
| 71 Ethylene Dibromide | 107 | 18.971 | 18.971 | 0.000 | 99 | 458300 | 10.0 | 11.0 | |
| * 73 Chlorobenzene-d5 | 117 | 19.896 | 19.902 | -0.006 | 87 | 725356 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | 19.961 | 19.961 | 0.000 | 95 | 739043 | 10.0 | 10.5 | |
| S 80 Xylenes, Total | 106 | | | | 0 | | 30.0 | 34.6 | |
| 75 Ethylbenzene | 91 | 20.143 | 20.142 | 0.000 | 98 | 1208195 | 10.0 | 11.4 | |
| 76 m-Xylene & p-Xylene | 106 | 20.399 | 20.394 | 0.005 | 0 | 955103 | 20.0 | 23.0 | |
| 77 n-Nonane | 57 | 20.431 | 20.431 | 0.000 | 92 | 640609 | 10.0 | 12.4 | |
| 78 o-Xylene | 106 | 21.105 | 21.111 | -0.006 | 99 | 444045 | 10.0 | 11.6 | |
| 79 Styrene | 104 | 21.138 | 21.137 | 0.001 | 98 | 752349 | 10.0 | 11.9 | |
| 81 Bromoform | 173 | 21.459 | 21.458 | 0.001 | 98 | 391234 | 10.0 | 8.69 | |
| 82 Isopropylbenzene | 105 | 21.726 | 21.726 | 0.000 | 98 | 1356394 | 10.0 | 11.9 | |
| 83 1,1,2,2-Tetrachloroethane | 83 | 22.186 | 22.186 | 0.000 | 98 | 713924 | 10.0 | 11.0 | |
| 84 1,2,3-Trichloropropane | 75 | 22.288 | 22.288 | 0.000 | 99 | 558623 | 10.0 | 11.5 | |
| 85 N-Propylbenzene | 91 | 22.384 | 22.384 | 0.000 | 99 | 1690770 | 10.0 | 11.7 | |
| 86 2-Chlorotoluene | 91 | 22.534 | 22.534 | 0.000 | 96 | 1152107 | 10.0 | 11.4 | |
| 87 4-Ethyltoluene | 105 | 22.566 | 22.566 | 0.000 | 98 | 1382410 | 10.0 | 11.8 | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 88 1,3,5-Trimethylbenzene | 105 | 22.652 | 22.651 | 0.001 | 93 | 1144228 | 10.0 | 11.5 | |
| 89 n-Decane | 57 | 22.657 | 22.657 | 0.000 | 91 | 833890 | 10.0 | 12.0 | |
| 90 Alpha Methyl Styrene | 118 | 22.962 | 22.962 | 0.000 | 89 | 589390 | 10.0 | 11.8 | |
| 91 tert-Butylbenzene | 119 | 23.112 | 23.112 | 0.000 | 95 | 1120152 | 10.0 | 11.5 | |
| 92 1,2,4-Trimethylbenzene | 105 | 23.192 | 23.192 | 0.000 | 97 | 1152597 | 10.0 | 11.8 | |
| 93 sec-Butylbenzene | 105 | 23.433 | 23.432 | 0.001 | 99 | 1718847 | 10.0 | 11.6 | |
| 94 1,3-Dichlorobenzene | 146 | 23.625 | 23.625 | 0.000 | 97 | 789340 | 10.0 | 10.7 | |
| 95 4-Isopropyltoluene | 119 | 23.647 | 23.646 | 0.001 | 98 | 1472366 | 10.0 | 11.7 | |
| 96 1,4-Dichlorobenzene | 146 | 23.770 | 23.770 | 0.000 | 96 | 779276 | 10.0 | 10.7 | |
| 97 Benzyl chloride | 91 | 23.919 | 23.919 | 0.000 | 99 | 1000078 | 10.0 | 11.9 | |
| 98 n-Butylbenzene | 91 | 24.246 | 24.246 | 0.000 | 99 | 1380026 | 10.0 | 12.2 | |
| 99 1,2-Dichlorobenzene | 146 | 24.305 | 24.304 | 0.001 | 97 | 763046 | 10.0 | 10.6 | |
| 100 Undecane | 57 | 24.379 | 24.379 | 0.000 | 96 | 935127 | 10.0 | 11.6 | |
| 101 Dodecane | 57 | 26.123 | 26.123 | 0.000 | 97 | 857274 | 10.0 | 11.8 | |
| 102 1,2,4-Trichlorobenzene | 180 | 27.022 | 27.022 | 0.000 | 94 | 580333 | 10.0 | 13.3 | |
| 103 Hexachlorobutadiene | 225 | 27.290 | 27.290 | 0.000 | 97 | 632913 | 10.0 | 11.5 | |
| 104 Naphthalene | 128 | 27.573 | 27.573 | 0.000 | 100 | 1313497 | 10.0 | 13.5 | |
| 105 1,2,3-Trichlorobenzene | 180 | 28.049 | 28.055 | -0.006 | 96 | 518720 | 10.0 | 13.1 | |

## QC Flag Legend

Processing Flags

NC - Not Calibrated

## Reagents:

| | | | |
|---|---|---|---|
| ATTO15LCSW_00882 | Amount Added: 200.00 | Units: mL | |
| ATTO15WISs_00010 | Amount Added: 20.00 | Units: mL | Run Reagent |

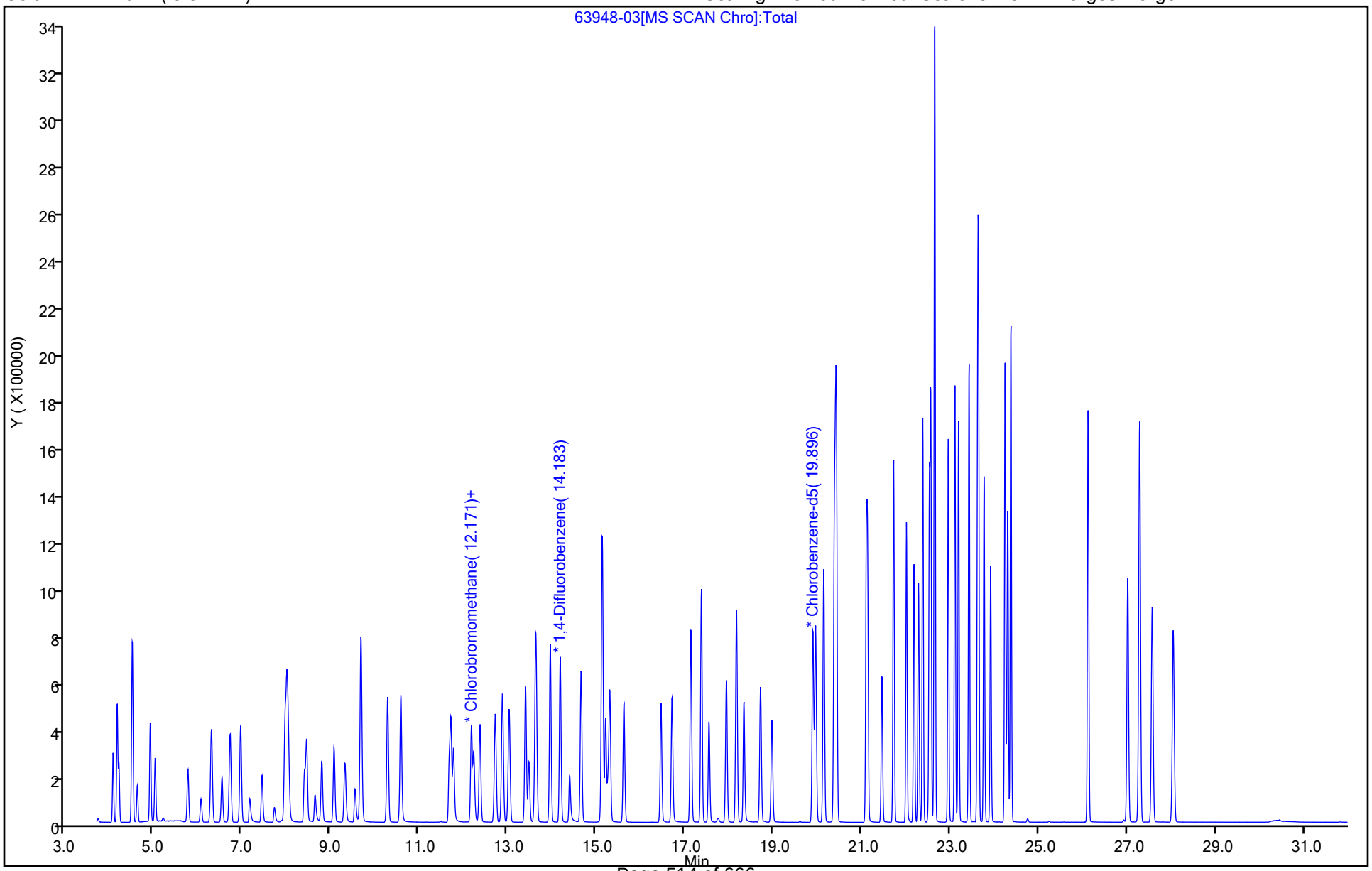
Report Date: 11-Feb-2025 08:16:15 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250210-63948.b\63948-03.d

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 10-Feb-2025 09:04:30 | Instrument ID: | CHW.i | Operator ID: | vtp |
| Lims ID: | lcs | | | Worklist Smp#: | 3 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 2 |
| Method: | TO15_TO3_MasterMethod_W | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Start Date: 01/07/2025 16:38

Analysis Batch Number: 212624 End Date: 01/08/2025 14:53

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-212624/2 | | 01/07/2025 16:38 | 1 | 63614-02.d | RTX-624 0.32(mm) |
| IC 200-212624/5 | | 01/07/2025 19:13 | 1 | 63614-05.d | RTX-624 0.32(mm) |
| ZZZZZ | | 01/07/2025 20:04 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/07/2025 20:55 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/07/2025 21:45 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/07/2025 22:36 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/07/2025 23:27 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 00:17 | 1 | | RTX-624 0.32(mm) |
| IC 200-212624/12 | | 01/08/2025 01:08 | 1 | 63614-12.d | RTX-624 0.32(mm) |
| ICIS 200-212624/13 | | 01/08/2025 02:00 | 1 | 63614-13.d | RTX-624 0.32(mm) |
| IC 200-212624/14 | | 01/08/2025 02:50 | 1 | 63614-14.d | RTX-624 0.32(mm) |
| VIBLK 200-212624/15 | | 01/08/2025 03:41 | 1 | | RTX-624 0.32(mm) |
| VIBLK 200-212624/16 | | 01/08/2025 04:32 | 1 | | RTX-624 0.32(mm) |
| IC 200-212624/17 | | 01/08/2025 05:24 | 1 | 63614-17.d | RTX-624 0.32(mm) |
| IC 200-212624/18 | | 01/08/2025 06:16 | 1 | 63614-18.d | RTX-624 0.32(mm) |
| IC 200-212624/19 | | 01/08/2025 07:06 | 1 | 63614-19.d | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 07:57 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 08:48 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 09:39 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 10:30 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ | | 01/08/2025 11:21 | 1 | | RTX-624 0.32(mm) |
| IC 200-212624/25 | | 01/08/2025 12:11 | 1 | 63614-25.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/08/2025 13:03 | 1 | | RTX-624 0.32(mm) |
| ICV 200-212624/27 | | 01/08/2025 14:53 | 1 | 63614-27.d | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76885-1

SDG No.:

Instrument ID: CHW.i Start Date: 02/10/2025 07:20

Analysis Batch Number: 213497 End Date: 02/11/2025 05:48

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-213497/1 | | 02/10/2025 07:20 | 1 | 63948-01.d | RTX-624 0.32(mm) |
| CCVIS 200-213497/2 | | 02/10/2025 08:13 | 1 | 63948-02.d | RTX-624 0.32(mm) |
| LCS 200-213497/3 | | 02/10/2025 09:04 | 1 | 63948-03.d | RTX-624 0.32(mm) |
| ZZZZZ | | 02/10/2025 09:55 | 1 | | RTX-624 0.32(mm) |
| MB 200-213497/5 | | 02/10/2025 10:46 | 1 | 63948-05.d | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 11:50 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 12:42 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 13:33 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 14:25 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 15:19 | 1 | | RTX-624 0.32(mm) |
| 200-76885-1 | RX-21-01 | 02/10/2025 16:10 | 1 | 63948-11.d | RTX-624 0.32(mm) |
| 200-76885-1 DL | RX-21-01 DL | 02/10/2025 17:01 | 4 | 63948-12.d | RTX-624 0.32(mm) |
| 200-76885-2 | DUP_02052025 | 02/10/2025 17:53 | 1 | 63948-13.d | RTX-624 0.32(mm) |
| 200-76885-2 DL | DUP_02052025 DL | 02/10/2025 18:43 | 2.99 | 63948-14.d | RTX-624 0.32(mm) |
| 200-76885-3 | RX-18-01 | 02/10/2025 19:34 | 1 | 63948-15.d | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 20:27 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 21:18 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 22:09 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/10/2025 23:00 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 02/10/2025 23:51 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 00:42 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 02/11/2025 01:33 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 02:24 | 8 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 03:15 | 20 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 04:05 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 04:56 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 02/11/2025 05:48 | 4 | | RTX-624 0.32(mm) |

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Batch Number: 212624  Batch Start Date: 01/07/25 16:38  Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ATTO15CAL1w 00273 | ATTO15CAL3w 00283 | ATTO15CAL4w 00831 | ATTO15CAL5w 00150 |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 200-212624/2 | | TO-15 | | | 200 mL | 200 mL | | | | |
| IC 200-212624/5 | | TO-15 | | | 200 mL | 200 mL | 35 mL | | | |
| IC 200-212624/12 | | TO-15 | | | 200 mL | 200 mL | | 170 mL | | |
| ICIS 200-212624/13 | | TO-15 | | | 200 mL | 200 mL | | | 200 mL | |
| IC 200-212624/14 | | TO-15 | | | 200 mL | 200 mL | | | | 200 mL |
| IC 200-212624/17 | | TO-15 | | | 200 mL | 200 mL | | | | |
| IC 200-212624/18 | | TO-15 | | | 200 mL | 200 mL | | | | |
| IC 200-212624/19 | | TO-15 | | | 200 mL | 200 mL | 170 mL | | | |
| IC 200-212624/25 | | TO-15 | | | 200 mL | 200 mL | | 17 mL | | |
| ICV 200-212624/27 | | TO-15 | | | 200 mL | 200 mL | | | | |

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | ATTO15CAL6w 00239 | ATTO15CAL7w 00150 | ATTO15LCSW 00882 | ATTO15WISs 00010 | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 200-212624/2 | | TO-15 | | | | | | 20 mL | | |
| IC 200-212624/5 | | TO-15 | | | | | | 20 mL | | |
| IC 200-212624/12 | | TO-15 | | | | | | 20 mL | | |
| ICIS 200-212624/13 | | TO-15 | | | | | | 20 mL | | |
| IC 200-212624/14 | | TO-15 | | | | | | 20 mL | | |
| IC 200-212624/17 | | TO-15 | | | 200 mL | | | 20 mL | | |
| IC 200-212624/18 | | TO-15 | | | | 200 mL | | 20 mL | | |
| IC 200-212624/19 | | TO-15 | | | | | | 20 mL | | |
| IC 200-212624/25 | | TO-15 | | | | | | 20 mL | | |
| ICV 200-212624/27 | | TO-15 | | | | | 200 mL | 20 mL | | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Batch Number: 212624  Batch Start Date: 01/07/25 16:38  Batch Analyst: Bourdeau, Timothy P

Batch Method: TO-15  Batch End Date:

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| | |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

# AIR - GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Burlington  Job No.: 200-76885-1

SDG No.:

Batch Number: 213497  Batch Start Date: 02/10/25 07:20  Batch Analyst: Bunma, Arthit 1

Batch Method: TO-15  Batch End Date:

| Lab Sample ID | Client Sample ID | Method Chain | Matrix | Basis | InitialAmount | FinalAmount | ATTO15CAL4w 00831 | ATTO15LCSW 00882 | ATTO15WISs 00010 | |
|---|---|---|---|---|---|---|---|---|---|---|
| BFB 200-213497/1 | | TO-15 | | | 200 mL | 200 mL | | | 20 mL | |
| CCVIS 200-213497/2 | | TO-15 | | | 200 mL | 200 mL | 200 mL | | 20 mL | |
| LCS 200-213497/3 | | TO-15 | | | 200 mL | 200 mL | | 200 mL | 20 mL | |
| MB 200-213497/5 | | TO-15 | | | 200 mL | 200 mL | | | 20 mL | |
| 200-76885-A-1 | RX-21-01 | TO-15 | Air | T | 200 mL | 200 mL | | | 20 mL | |
| 200-76885-A-1 | RX-21-01 | TO-15 | Air | T | 50 mL | 200 mL | | | 20 mL | |
| 200-76885-A-2 | DUP_02052025 | TO-15 | Air | T | 200 mL | 200 mL | | | 20 mL | |
| 200-76885-A-2 | DUP_02052025 | TO-15 | Air | T | 67 mL | 200 mL | | | 20 mL | |
| 200-76885-A-3 | RX-18-01 | TO-15 | Air | T | 200 mL | 200 mL | | | 20 mL | |

| Batch Notes | |
|---|---|
| | |

| Basis | Basis Description |
|---|---|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

## Post-Sampling Air Canister Pressure Check Record

| Login # (w/ Location Code) | Date | Time (Military) | Lab BP ("Hg) | Lab Temp (°C) | Pressure Gauge ID | Analyst |
|---|---|---|---|---|---|---|
| 200-76885 | 02/06/25 | 15:26 | 22 | 29.6 | G40 | ZK |

| Sampling Information and Return Equipment Check | Yes | N o | Comments |
|---|---|---|---|
| (1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present? | Yes | | |
| (2) Is the flow controller ID used for each canister recorded? | Yes | | |
| (3) MA MCP & NJ DKQP: Check return flow rate for flow controllers | | N o | |
| (4) Is visible sign of damage to canister and/or flow controller (FC) present? | | N o | |
| If damage observed, list equipment IDs and describe condition: | | | |
| | | | |

**Post-Sampling Return Pressure Check**

| Lab ID | Canister ID | Pressure[1] ("Hg) | Anomaly[2] (Y/N) | FC ID[3] | FC Check[4] Reference | FC Return (Y/N) | Can Cert Batch ID | Comments |
|---|---|---|---|---|---|---|---|---|
| 200-76885-A-1 | 3712 | -2.9 | N | 4532 | 105/92 | Y | 27028-63807 | |
| 200-76885-A-2 | 4476 | -1.8 | N | 3959 | 105/95 | Y | 4820-63800 | |
| 200-76885-A-3 | 5413 | 0.0 | Y | 3741 | 105/89 | Y | 5039-63648 | |
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[1] Criteria: Return Pressure should be between -1 and -10 ("Hg) with the exception of grab samples or those using 100 or 200mL/minute flow controllers. These samples must be returned at no lower than -10"Hg, but have no specific criteria otherwise.

[2] If return pressure is not within criteria, initiate Non-Conformance Memo.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

[4] Record the Flow Controller Set Flow Rate Logbook ID and Page number in which the original FC Check was recorded

# Pre-Shipment Clean Canister Certification Report

## Canister Cleaning & Pre-Shipment Leak Test

| System ID | Max DF# | # Cycles | Cleaning Start Date/Time | | System Start Temp(s): | | Technician | Can Size | Certification Type: |
|---|---|---|---|---|---|---|---|---|---|
| Bottom Rack | 10 | | 1/9/2025 | 1450 | 22 | 22 | SML | 6 liter | batch |

| Port | Can ID | Initial[1] (psia) | Final (psia) | Diff.[3] | Final ("Hg) | Initial Reading Gauge: | Date: | Time: | Tech: | Temp: | Final Reading Gauge: | Date: | Time: | Tech: | Temp: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4581 | 0 | 0 | 0 | -29.7 | GA01 | 1/11/25 | 0937 | ← | 22.0 | GA01 | 1/15/25 | 1405 | RS | 21.0 |
| 2 | 2567 | ↓ | ↓ | 0 | ↓ | GA01 | ↓ | ↓ | ↓ | ↓ | GA01 | ↓ | ↓ | ↓ | ↓ |
| 3 | 5039 | 0 | 0 | 0 | 29.4 | GA01 | 1/15/25 | 1240 | ← | 21.0 | GA01 | 1/16/25 | 1314 | ← | 22.0 |
| 4 | 34000463 | 0 | .13 | .13 | -29.7 | GA01 | 1/11/25 | 0937 | ← | 22.0 | GA01 | 1/15/25 | 1405 | RS | 21.0 |
| 5 | 6259 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 6 | 5413 | | | 0 | | GA01 | | | | | GA01 | | | | |
| 7 | 4350 | | → | 0 | | GA01 | | | | | GA01 | | | | |
| 8 | 5040 | | .16 | .16 | | GA01 | | | | | GA01 | | | | |
| 9 | 5035 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 10 | 5026 | | | 0 | | GA01 | | | | | GA01 | | | | |
| 11 | 5144 | | | 0 | | GA01 | | | | | GA01 | | | | |
| 12 | 9244 | ↓ | → | 0 | → | GA01 | ↓ | ↓ | ↓ | ↓ | GA01 | → | → | → | → |

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

**If time frame was not met, the PM must authorize shipment of canister** **PM Authorization** **Date:**

## Clean Canister Certification Analysis & Authorization of Release to Inventory

**Test Method:** ☐TO15 Routine ☐ TO15 LL

| Can ID | Date | Sequence | Analyst | Inventory Level 1 | 2 | 3 | 4 | Secondary Review Limited | Review Date | Reviewer |
|---|---|---|---|---|---|---|---|---|---|---|
| 5039 | 1/13/25 | 63648 | KPI | | XXXXXX | | | | 1/14/25 | WHO |

**Inventory Level 1:** Individual Canister Certification (TO15LL 0.01).

**Inventory Level 2:** Individual or Batch Certification (TO15 0.04 ppbv).

**Inventory Level 3:** Individual or Batch Certification (TO15 0.2 ppbv).

**Inventory Level Limited:** Canisters may only be used for certain projects.

**Dup Tees/Vac gauges (enter IDs if included):**

**Comments:**







200-76527-A-3
5039
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/9/2025 12:00 AM 200-1972891
Loc: 200
76527
#3 A
Air-Storag

# Pre-Shipment Clean Canister Certification Report

## Canister Cleaning & Pre-Shipment Leak Test

| System ID | Max DF# | # Cycles | Cleaning Start Date/Time | | System Start Temp(s): | | Technician | Can Size | Certification Type: |
|---|---|---|---|---|---|---|---|---|---|
| Oven 3/4 | 10 | | 1/24/2025 | 1429 | 22 | 22 | SML | 6 liter | batch |

| Port | Can ID | Initial[1] (psia) | Final (psia) | Diff.[3] | Final ("Hg) | Initial Reading Gauge: | Date: | Time: | Tech: | Temp: | Final Reading Gauge: | Date: | Time: | Tech: | Temp: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4476 | 0 | 0 | 0 | 29.8 | GA01 | 1/25/25 | 1347 | ← | 22.0 | GA01 | 1/26/25 | 1347 | ← | 22.0 |
| 2 | 4820 | 0 | 0 | 0 | | GA01 | 1/25/25 | 1032 | ← | 22.0 | GA01 | | | | |
| 3 | 3374 | 0 | 0 | 0 | | GA01 | 1/25/25 | 1347 | ← | 22.0 | GA01 | | | | |
| 4 | 5708 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 5 | 34000037 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 6 | 34001304 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 7 | 34001216 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 8 | 3549 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 9 | 9225 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 10 | 4016 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 11 | 3519 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 12 | 3338 | ✓ | 0 | 0 | ✓ | GA01 | ✓ | ✓ | ✓ | ✓ | GA01 | ✓ | ✓ | ✓ | ✓ |

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

**If time frame was not met, the PM must authorize shipment of canister** **PM Authorization** **Date:**

## Clean Canister Certification Analysis & Authorization of Release to Inventory

**Test Method:** ☐TO15 Routine ☐ TO15 LL

| Can ID | Date | Sequence | Analyst | Inventory Level 1 | 2 | 3 | 4 | Secondary Review Limited | Review Date | Revi |
|---|---|---|---|---|---|---|---|---|---|---|
| 4820 | 1/26/25 | 63800 | KPL | | XXXXXX | | | | 1/26/25 | CC |
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**Inventory Level 1:** Individual Canister Certification (TO15LL 0.01).

**Inventory Level 2:** Individual or Batch Certification (TO15 0.04 ppbv).

**Inventory Level 3:** Individual or Batch Certification (TO15 0.2 ppbv).

**Inventory Level Limited:** Canisters may only be used for certain projects.

**Dup Tees/Vac gauges (enter IDs if included):**

**Comments:**

Page 22 of 666

200-76720-A-2
4820
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/24/2025 12:00 AM 200-1976003

Loc: 200
76720
#2 A
Air-Storag

# Pre-Shipment Clean Canister Certification Report

## Canister Cleaning & Pre-Shipment Leak Test

| System ID | Max DF# | # Cycles | Cleaning Start Date/Time | | System Start Temp(s): | | Technician | Can Size | Certification Type: |
|---|---|---|---|---|---|---|---|---|---|
| Bottom Rack | 10 | 25 | 1/25/2025 | 1345 | 22 | 22 | SML III | 6 liter | batch |

| Port | Can ID | Initial[1] (psia) | Final (psia) | Diff.[3] | Final ("Hg) | Initial Reading Gauge: | Date: | Time: | Tech: | Temp: | Final Reading Gauge: | Date: | Time: | Tech: | Temp: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5060 | 0 | 0 | 0 | 29.5 | GA01 | 1/29/25 | 1004 | — | 22.0 | GA01 | 1/31/25 | 1113 | — | 22.0 |
| 2 | 4832 | 0 | 0 | 0 | | GA01 | 〃 | 〃 | 〃 | 〃 | GA01 | 〃 | 〃 | 〃 | 〃 |
| 3 | 27028 | 0 | 0 | 0 | | GA01 | 1/3/25 | 1113 | — | 22.0 | GA01 | | | | |
| 4 | 4023 | 0 | 0 | 0 | | GA01 | 1/27/25 | 1004 | — | 22.0 | GA01 | 1/31/25 | 1115 | — | 22.0 |
| 5 | 2730 | | .21 | .21 | | GA01 | | | | | GA01 | | | | |
| 6 | 4285 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 7 | 5037 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 8 | 3025 | | .16 | .16 | | GA01 | | | | | GA01 | | | | |
| 9 | 3288 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 10 | 3712 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 11 | 3535 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |
| 12 | 5438 | | 0 | 0 | | GA01 | | | | | GA01 | | | | |

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[3] Difference = Final Pressure - Initial Pressure . Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister **PM Authorization** **Date:**

## Clean Canister Certification Analysis & Authorization of Release to Inventory

Test Method: ☐TO15 Routine ☐ TO15 LL

| Can ID | Date | Sequence | Analyst | Inventory Level 1 | 2 | 3 | 4 | Secondary Review Limited | Review Date | Review |
|---|---|---|---|---|---|---|---|---|---|---|
| 27028 | 1/28/25 | 63807 | ABI | | XXXXXXX | | | | 1/28/25 | CC |
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**Inventory Level 1:** Individual Canister Certification (TO15LL 0.01).

**Inventory Level 2:** Individual or Batch Certification (TO15 0.04 ppbv).

**Inventory Level 3:** Individual or Batch Certification (TO15 0.2 ppbv).

**Inventory Level Limited:** Canisters may only be used for certain projects.

**Dup Tees/Vac gauges (enter IDs if included):**

**Comments:**







200-76733-A-3
27028
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 1/28/2025 12:00 AM 200-1975111
Loc: 200
76733
#3 A
Air-Storag

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63648_003.D

Lab ID: LCS 200-212731/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Propylene | 10.0 | 12.7 | 127 | 50-158 | |
| Dichlorodifluoromethane | 10.0 | 11.0 | 110 | 61-142 | |
| Freon 22 | 10.0 | 11.4 | 114 | 60-147 | |
| 1,2-Dichlorotetrafluoroethane | 10.0 | 11.4 | 114 | 71-141 | |
| Chloromethane | 10.0 | 11.5 | 115 | 56-141 | |
| n-Butane | 10.0 | 10.7 | 107 | 53-151 | |
| Vinyl chloride | 10.0 | 10.0 | 100 | 61-135 | |
| 1,3-Butadiene | 10.0 | 9.67 | 97 | 58-139 | |
| Bromomethane | 10.0 | 11.2 | 112 | 72-124 | |
| Chloroethane | 10.0 | 11.2 | 112 | 68-130 | |
| Bromoethene(Vinyl Bromide) | 10.0 | 11.4 | 114 | 75-125 | |
| Trichlorofluoromethane | 10.0 | 10.8 | 108 | 70-129 | |
| Ethanol | 15.0 | 15.1 | 101 | 50-150 | |
| Freon TF | 10.0 | 10.1 | 101 | 70-121 | |
| 1,1-Dichloroethene | 10.0 | 10.4 | 104 | 68-120 | |
| Acetone | 10.0 | 10.4 | 104 | 54-154 | |
| Isopropyl alcohol | 10.0 | 11.3 | 113 | 53-142 | |
| Carbon disulfide | 10.0 | 10.3 | 103 | 71-138 | |
| 3-Chloropropene | 10.0 | 8.23 | 82 | 50-150 | |
| Methylene Chloride | 10.0 | 10.5 | 105 | 59-137 | |
| tert-Butyl alcohol | 10.0 | 10.2 | 102 | 66-132 | |
| Methyl tert-butyl ether | 10.0 | 10.8 | 108 | 70-127 | |
| trans-1,2-Dichloroethene | 10.0 | 10.9 | 109 | 69-137 | |
| n-Hexane | 10.0 | 10.8 | 108 | 63-138 | |
| 1,1-Dichloroethane | 10.0 | 10.4 | 104 | 66-130 | |
| Vinyl acetate | 10.0 | 11.4 | 114 | 59-149 | |
| Ethyl acetate | 10.0 | 10.6 | 106 | 70-131 | |
| Methyl Ethyl Ketone | 10.0 | 9.97 | 100 | 72-124 | |
| cis-1,2-Dichloroethene | 10.0 | 10.1 | 102 | 72-121 | |
| Chloroform | 10.0 | 10.2 | 102 | 73-124 | |
| Tetrahydrofuran | 10.0 | 10.6 | 106 | 60-149 | |
| 1,1,1-Trichloroethane | 10.0 | 10.5 | 105 | 72-127 | |
| Cyclohexane | 10.0 | 10.5 | 105 | 76-124 | |
| Carbon tetrachloride | 10.0 | 10.6 | 106 | 71-133 | |
| 2,2,4-Trimethylpentane | 10.0 | 11.1 | 111 | 68-131 | |
| Benzene | 10.0 | 10.5 | 105 | 73-119 | |
| 1,2-Dichloroethane | 10.0 | 10.5 | 105 | 68-135 | |
| n-Heptane | 10.0 | 11.5 | 115 | 60-142 | |
| Trichloroethene | 10.0 | 10.5 | 105 | 73-122 | |
| Methyl methacrylate | 10.0 | 10.4 | 104 | 73-129 | |
| 1,2-Dichloropropane | 10.0 | 10.7 | 107 | 69-128 | |
| 1,4-Dioxane | 10.0 | 8.97 | 90 | 66-129 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63648_003.D

Lab ID: LCS 200-212731/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Bromodichloromethane | 10.0 | 10.4 | 104 | 75-127 | |
| cis-1,3-Dichloropropene | 10.0 | 10.7 | 107 | 74-125 | |
| methyl isobutyl ketone | 10.0 | 11.2 | 112 | 58-144 | |
| Toluene | 10.0 | 10.7 | 107 | 75-122 | |
| trans-1,3-Dichloropropene | 10.0 | 11.5 | 115 | 74-128 | |
| 1,1,2-Trichloroethane | 10.0 | 10.5 | 105 | 75-126 | |
| Tetrachloroethene | 10.0 | 10.7 | 107 | 70-125 | |
| Methyl Butyl Ketone (2-Hexanone) | 10.0 | 11.2 | 112 | 57-143 | |
| Dibromochloromethane | 10.0 | 9.65 | 96 | 73-125 | |
| 1,2-Dibromoethane | 10.0 | 10.3 | 103 | 78-122 | |
| Chlorobenzene | 10.0 | 10.3 | 103 | 76-119 | |
| Ethylbenzene | 10.0 | 10.7 | 107 | 74-122 | |
| m,p-Xylene | 20.0 | 21.5 | 108 | 76-121 | |
| Xylene, o- | 10.0 | 11.0 | 110 | 73-123 | |
| Styrene | 10.0 | 11.0 | 110 | 74-125 | |
| Bromoform | 10.0 | 8.19 | 82 | 53-149 | |
| Cumene | 10.0 | 11.0 | 111 | 73-123 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.3 | 103 | 74-126 | |
| n-Propylbenzene | 10.0 | 10.9 | 110 | 73-127 | |
| 4-Ethyltoluene | 10.0 | 11.1 | 112 | 75-129 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.0 | 110 | 72-126 | |
| 2-Chlorotoluene | 10.0 | 10.6 | 106 | 74-126 | |
| tert-Butylbenzene | 10.0 | 11.0 | 110 | 71-125 | |
| 1,2,4-Trimethylbenzene | 10.0 | 11.1 | 111 | 71-129 | |
| sec-Butylbenzene | 10.0 | 11.1 | 111 | 70-128 | |
| 4-Isopropyltoluene | 10.0 | 11.0 | 110 | 68-130 | |
| 1,3-Dichlorobenzene | 10.0 | 10.5 | 105 | 69-131 | |
| 1,4-Dichlorobenzene | 10.0 | 10.6 | 106 | 67-132 | |
| Benzyl chloride | 10.0 | 10.5 | 105 | 60-136 | |
| n-Butylbenzene | 10.0 | 11.0 | 110 | 65-137 | |
| 1,2-Dichlorobenzene | 10.0 | 10.4 | 104 | 68-129 | |
| 1,2,4-Trichlorobenzene | 10.0 | 10.6 | 106 | 50-150 | |
| Hexachlorobutadiene | 10.0 | 11.5 | 115 | 58-130 | |
| Naphthalene | 10.0 | 10.8 | 108 | 50-150 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63800_003.D

Lab ID: LCS 200-213150/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Propylene | 10.0 | 9.95 | 100 | 50-158 | |
| Dichlorodifluoromethane | 10.0 | 9.81 | 98 | 61-142 | |
| Freon 22 | 10.0 | 9.80 | 98 | 60-147 | |
| 1,2-Dichlorotetrafluoroethane | 10.0 | 9.87 | 99 | 71-141 | |
| Chloromethane | 10.0 | 9.71 | 97 | 56-141 | |
| n-Butane | 10.0 | 9.60 | 96 | 53-151 | |
| Vinyl chloride | 10.0 | 8.87 | 89 | 61-135 | |
| 1,3-Butadiene | 10.0 | 8.61 | 86 | 58-139 | |
| Bromomethane | 10.0 | 9.78 | 98 | 72-124 | |
| Chloroethane | 10.0 | 9.81 | 98 | 68-130 | |
| Bromoethene(Vinyl Bromide) | 10.0 | 10.0 | 100 | 75-125 | |
| Trichlorofluoromethane | 10.0 | 9.52 | 95 | 70-129 | |
| Ethanol | 15.0 | 14.8 | 98 | 50-150 | |
| Freon TF | 10.0 | 9.30 | 93 | 70-121 | |
| 1,1-Dichloroethene | 10.0 | 9.38 | 94 | 68-120 | |
| Acetone | 10.0 | 9.53 | 95 | 54-154 | |
| Isopropyl alcohol | 10.0 | 10.6 | 106 | 53-142 | |
| Carbon disulfide | 10.0 | 9.47 | 95 | 71-138 | |
| 3-Chloropropene | 10.0 | 9.86 | 99 | 50-150 | |
| Methylene Chloride | 10.0 | 9.12 | 91 | 59-137 | |
| tert-Butyl alcohol | 10.0 | 9.55 | 95 | 66-132 | |
| Methyl tert-butyl ether | 10.0 | 9.53 | 95 | 70-127 | |
| trans-1,2-Dichloroethene | 10.0 | 9.58 | 96 | 69-137 | |
| n-Hexane | 10.0 | 9.39 | 94 | 63-138 | |
| 1,1-Dichloroethane | 10.0 | 9.17 | 92 | 66-130 | |
| Vinyl acetate | 10.0 | 10.7 | 107 | 59-149 | |
| Ethyl acetate | 10.0 | 9.68 | 97 | 70-131 | |
| Methyl Ethyl Ketone | 10.0 | 9.37 | 94 | 72-124 | |
| cis-1,2-Dichloroethene | 10.0 | 8.88 | 89 | 72-121 | |
| Chloroform | 10.0 | 9.46 | 95 | 73-124 | |
| Tetrahydrofuran | 10.0 | 9.24 | 92 | 60-149 | |
| 1,1,1-Trichloroethane | 10.0 | 9.38 | 94 | 72-127 | |
| Cyclohexane | 10.0 | 9.51 | 95 | 76-124 | |
| Carbon tetrachloride | 10.0 | 9.87 | 99 | 71-133 | |
| 2,2,4-Trimethylpentane | 10.0 | 9.55 | 95 | 68-131 | |
| Benzene | 10.0 | 9.56 | 96 | 73-119 | |
| 1,2-Dichloroethane | 10.0 | 9.33 | 93 | 68-135 | |
| n-Heptane | 10.0 | 9.46 | 95 | 60-142 | |
| Trichloroethene | 10.0 | 9.64 | 96 | 73-122 | |
| Methyl methacrylate | 10.0 | 9.49 | 95 | 73-129 | |
| 1,2-Dichloropropane | 10.0 | 9.55 | 96 | 69-128 | |
| 1,4-Dioxane | 10.0 | 9.58 | 96 | 66-129 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63800_003.D

Lab ID: LCS 200-213150/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Bromodichloromethane | 10.0 | 9.67 | 97 | 75-127 | |
| cis-1,3-Dichloropropene | 10.0 | 9.56 | 96 | 74-125 | |
| methyl isobutyl ketone | 10.0 | 9.65 | 97 | 58-144 | |
| Toluene | 10.0 | 9.51 | 95 | 75-122 | |
| trans-1,3-Dichloropropene | 10.0 | 10.4 | 104 | 74-128 | |
| 1,1,2-Trichloroethane | 10.0 | 9.50 | 95 | 75-126 | |
| Tetrachloroethene | 10.0 | 9.42 | 94 | 70-125 | |
| Methyl Butyl Ketone (2-Hexanone) | 10.0 | 9.36 | 94 | 57-143 | |
| Dibromochloromethane | 10.0 | 9.79 | 98 | 73-125 | |
| 1,2-Dibromoethane | 10.0 | 9.49 | 95 | 78-122 | |
| Chlorobenzene | 10.0 | 9.48 | 95 | 76-119 | |
| Ethylbenzene | 10.0 | 9.47 | 95 | 74-122 | |
| m,p-Xylene | 20.0 | 19.1 | 96 | 76-121 | |
| Xylene, o- | 10.0 | 9.68 | 97 | 73-123 | |
| Styrene | 10.0 | 9.70 | 97 | 74-125 | |
| Bromoform | 10.0 | 10.7 | 107 | 53-149 | |
| Cumene | 10.0 | 9.49 | 95 | 73-123 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 9.49 | 95 | 74-126 | |
| n-Propylbenzene | 10.0 | 9.58 | 96 | 73-127 | |
| 4-Ethyltoluene | 10.0 | 9.69 | 97 | 75-129 | |
| 1,3,5-Trimethylbenzene | 10.0 | 9.58 | 96 | 72-126 | |
| 2-Chlorotoluene | 10.0 | 9.44 | 94 | 74-126 | |
| tert-Butylbenzene | 10.0 | 9.58 | 96 | 71-125 | |
| 1,2,4-Trimethylbenzene | 10.0 | 9.51 | 95 | 71-129 | |
| sec-Butylbenzene | 10.0 | 9.68 | 97 | 70-128 | |
| 4-Isopropyltoluene | 10.0 | 9.55 | 95 | 68-130 | |
| 1,3-Dichlorobenzene | 10.0 | 9.39 | 94 | 69-131 | |
| 1,4-Dichlorobenzene | 10.0 | 9.40 | 94 | 67-132 | |
| Benzyl chloride | 10.0 | 9.36 | 94 | 60-136 | |
| n-Butylbenzene | 10.0 | 9.57 | 96 | 65-137 | |
| 1,2-Dichlorobenzene | 10.0 | 9.43 | 94 | 68-129 | |
| 1,2,4-Trichlorobenzene | 10.0 | 9.53 | 95 | 50-150 | |
| Hexachlorobutadiene | 10.0 | 10.1 | 101 | 58-130 | |
| Naphthalene | 10.0 | 9.04 | 90 | 50-150 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63807-03.D

Lab ID: LCS 200-213161/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Propylene | 10.0 | 9.18 | 92 | 50-158 | |
| Dichlorodifluoromethane | 10.0 | 10.7 | 107 | 61-142 | |
| Freon 22 | 10.0 | 9.89 | 99 | 60-147 | |
| 1,2-Dichlorotetrafluoroethane | 10.0 | 10.2 | 102 | 71-141 | |
| Chloromethane | 10.0 | 9.50 | 95 | 56-141 | |
| n-Butane | 10.0 | 8.91 | 89 | 53-151 | |
| Vinyl chloride | 10.0 | 8.83 | 88 | 61-135 | |
| 1,3-Butadiene | 10.0 | 9.61 | 96 | 58-139 | |
| Bromomethane | 10.0 | 9.65 | 96 | 72-124 | |
| Chloroethane | 10.0 | 8.42 | 84 | 68-130 | |
| Bromoethene(Vinyl Bromide) | 10.0 | 9.41 | 94 | 75-125 | |
| Trichlorofluoromethane | 10.0 | 10.3 | 103 | 70-129 | |
| Ethanol | 15.0 | 11.2 | 75 | 50-150 | |
| Freon TF | 10.0 | 10.2 | 102 | 70-121 | |
| 1,1-Dichloroethene | 10.0 | 9.34 | 93 | 68-120 | |
| Acetone | 10.0 | 10.1 | 101 | 54-154 | |
| Isopropyl alcohol | 10.0 | 11.0 | 110 | 53-142 | |
| Carbon disulfide | 10.0 | 9.82 | 98 | 71-138 | |
| 3-Chloropropene | 10.0 | 9.44 | 94 | 50-150 | |
| Methylene Chloride | 10.0 | 10.4 | 104 | 59-137 | |
| tert-Butyl alcohol | 10.0 | 10.5 | 105 | 66-132 | |
| Methyl tert-butyl ether | 10.0 | 11.0 | 110 | 70-127 | |
| trans-1,2-Dichloroethene | 10.0 | 10.8 | 108 | 69-137 | |
| n-Hexane | 10.0 | 10.5 | 105 | 63-138 | |
| 1,1-Dichloroethane | 10.0 | 10.1 | 101 | 66-130 | |
| Vinyl acetate | 10.0 | 12.2 | 122 | 59-149 | |
| Ethyl acetate | 10.0 | 10.9 | 109 | 70-131 | |
| Methyl Ethyl Ketone | 10.0 | 10.4 | 104 | 72-124 | |
| cis-1,2-Dichloroethene | 10.0 | 9.46 | 95 | 72-121 | |
| Chloroform | 10.0 | 10.8 | 108 | 73-124 | |
| Tetrahydrofuran | 10.0 | 10.5 | 105 | 60-149 | |
| 1,1,1-Trichloroethane | 10.0 | 11.4 | 114 | 72-127 | |
| Cyclohexane | 10.0 | 10.8 | 108 | 76-124 | |
| Carbon tetrachloride | 10.0 | 11.5 | 115 | 71-133 | |
| 2,2,4-Trimethylpentane | 10.0 | 10.7 | 107 | 68-131 | |
| Benzene | 10.0 | 10.3 | 103 | 73-119 | |
| 1,2-Dichloroethane | 10.0 | 11.5 | 115 | 68-135 | |
| n-Heptane | 10.0 | 10.8 | 108 | 60-142 | |
| Trichloroethene | 10.0 | 10.3 | 103 | 73-122 | |
| Methyl methacrylate | 10.0 | 10.8 | 108 | 73-129 | |
| 1,2-Dichloropropane | 10.0 | 10.9 | 109 | 69-128 | |
| 1,4-Dioxane | 10.0 | 9.73 | 97 | 66-129 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Matrix: Air Level: Low Lab File ID: 63807-03.D

Lab ID: LCS 200-213161/3 Client ID:

| COMPOUND | SPIKE ADDED (ppb v/v) | LCS CONCENTRATION (ppb v/v) | LCS % REC | QC LIMITS REC | # |
|---|---|---|---|---|---|
| Bromodichloromethane | 10.0 | 11.1 | 111 | 75-127 | |
| cis-1,3-Dichloropropene | 10.0 | 10.7 | 107 | 74-125 | |
| methyl isobutyl ketone | 10.0 | 10.7 | 107 | 58-144 | |
| Toluene | 10.0 | 10.7 | 108 | 75-122 | |
| trans-1,3-Dichloropropene | 10.0 | 10.9 | 109 | 74-128 | |
| 1,1,2-Trichloroethane | 10.0 | 10.4 | 104 | 75-126 | |
| Tetrachloroethene | 10.0 | 11.1 | 111 | 70-125 | |
| Methyl Butyl Ketone (2-Hexanone) | 10.0 | 10.1 | 101 | 57-143 | |
| Dibromochloromethane | 10.0 | 11.8 | 118 | 73-125 | |
| 1,2-Dibromoethane | 10.0 | 10.8 | 108 | 78-122 | |
| Chlorobenzene | 10.0 | 10.7 | 107 | 76-119 | |
| Ethylbenzene | 10.0 | 10.7 | 107 | 74-122 | |
| m,p-Xylene | 20.0 | 22.3 | 112 | 76-121 | |
| Xylene, o- | 10.0 | 11.0 | 110 | 73-123 | |
| Styrene | 10.0 | 11.0 | 110 | 74-125 | |
| Bromoform | 10.0 | 12.4 | 124 | 53-149 | |
| Cumene | 10.0 | 11.1 | 111 | 73-123 | |
| 1,1,2,2-Tetrachloroethane | 10.0 | 10.5 | 105 | 74-126 | |
| n-Propylbenzene | 10.0 | 10.7 | 107 | 73-127 | |
| 4-Ethyltoluene | 10.0 | 10.8 | 108 | 75-129 | |
| 1,3,5-Trimethylbenzene | 10.0 | 11.2 | 112 | 72-126 | |
| 2-Chlorotoluene | 10.0 | 10.7 | 107 | 74-126 | |
| tert-Butylbenzene | 10.0 | 11.4 | 114 | 71-125 | |
| 1,2,4-Trimethylbenzene | 10.0 | 11.1 | 111 | 71-129 | |
| sec-Butylbenzene | 10.0 | 11.2 | 112 | 70-128 | |
| 4-Isopropyltoluene | 10.0 | 12.0 | 120 | 68-130 | |
| 1,3-Dichlorobenzene | 10.0 | 10.6 | 106 | 69-131 | |
| 1,4-Dichlorobenzene | 10.0 | 10.3 | 103 | 67-132 | |
| Benzyl chloride | 10.0 | 10.3 | 103 | 60-136 | |
| n-Butylbenzene | 10.0 | 11.9 | 119 | 65-137 | |
| 1,2-Dichlorobenzene | 10.0 | 10.6 | 106 | 68-129 | |
| 1,2,4-Trichlorobenzene | 10.0 | 9.77 | 98 | 50-150 | |
| Hexachlorobutadiene | 10.0 | 13.9 | 139 | 58-130 | *+ |
| Naphthalene | 10.0 | 10.7 | 107 | 50-150 | |

# Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab File ID: 63648_004.D Lab Sample ID: MB 200-212731/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAM.i Date Analyzed: 01/13/2025 09:34

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 200-212731/3 | 63648_003.D | 01/13/2025 08:43 |
| 5039 | 200-76527-3 | 63648_005.D | 01/13/2025 10:35 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76527-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-212731/4

Matrix: Air  Lab File ID: 63648_004.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/13/2025 09:34

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 212731  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 5.0 | U | 5.0 | 5.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.50 | U | 0.50 | 0.50 |
| 75-45-6 | Freon 22 | 0.50 | U | 0.50 | 0.50 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.20 |
| 74-87-3 | Chloromethane | 0.50 | U | 0.50 | 0.50 |
| 106-97-8 | n-Butane | 0.50 | U | 0.50 | 0.50 |
| 75-01-4 | Vinyl chloride | 0.14 | U | 0.14 | 0.14 |
| 106-99-0 | 1,3-Butadiene | 0.20 | U | 0.20 | 0.20 |
| 74-83-9 | Bromomethane | 0.20 | U | 0.20 | 0.20 |
| 75-00-3 | Chloroethane | 0.50 | U | 0.50 | 0.50 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.20 |
| 75-69-4 | Trichlorofluoromethane | 0.20 | U | 0.20 | 0.20 |
| 64-17-5 | Ethanol | 5.0 | U | 5.0 | 5.0 |
| 76-13-1 | Freon TF | 0.20 | U | 0.20 | 0.20 |
| 75-35-4 | 1,1-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 67-64-1 | Acetone | 5.0 | U | 5.0 | 5.0 |
| 67-63-0 | Isopropyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 75-15-0 | Carbon disulfide | 0.50 | U | 0.50 | 0.50 |
| 107-05-1 | 3-Chloropropene | 0.50 | U | 0.50 | 0.50 |
| 75-09-2 | Methylene Chloride | 0.50 | U | 0.50 | 0.50 |
| 75-65-0 | tert-Butyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.20 |
| 110-54-3 | n-Hexane | 0.50 | U | 0.50 | 0.50 |
| 75-34-3 | 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 108-05-4 | Vinyl acetate | 5.0 | U | 5.0 | 5.0 |
| 141-78-6 | Ethyl acetate | 5.0 | U | 5.0 | 5.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.50 | U | 0.50 | 0.50 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.40 | U | 0.40 | 0.40 |
| 67-66-3 | Chloroform | 0.20 | U | 0.20 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 5.0 | U | 5.0 | 5.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76527-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 200-212731/4

Matrix: Air | Lab File ID: 63648_004.D

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 01/13/2025 09:34

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 212731 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 110-82-7 | Cyclohexane | 0.20 | U | 0.20 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 0.14 | U | 0.14 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.20 | U | 0.20 | 0.20 |
| 71-43-2 | Benzene | 0.20 | U | 0.20 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 142-82-5 | n-Heptane | 0.20 | U | 0.20 | 0.20 |
| 79-01-6 | Trichloroethene | 0.14 | U | 0.14 | 0.14 |
| 80-62-6 | Methyl methacrylate | 0.50 | U | 0.50 | 0.50 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.20 |
| 123-91-1 | 1,4-Dioxane | 5.0 | U | 5.0 | 5.0 |
| 75-27-4 | Bromodichloromethane | 0.20 | U | 0.20 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 108-10-1 | methyl isobutyl ketone | 0.50 | U | 0.50 | 0.50 |
| 108-88-3 | Toluene | 0.20 | U | 0.20 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 127-18-4 | Tetrachloroethene | 0.20 | U | 0.20 | 0.20 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.50 | U | 0.50 | 0.50 |
| 124-48-1 | Dibromochloromethane | 0.20 | U | 0.20 | 0.20 |
| 106-93-4 | 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.20 |
| 108-90-7 | Chlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 179601-23-1 | m,p-Xylene | 0.50 | U | 0.50 | 0.50 |
| 95-47-6 | Xylene, o- | 0.20 | U | 0.20 | 0.20 |
| 1330-20-7 | Xylene (total) | 0.70 | U | 0.70 | 0.70 |
| 100-42-5 | Styrene | 0.20 | U | 0.20 | 0.20 |
| 75-25-2 | Bromoform | 0.20 | U | 0.20 | 0.20 |
| 98-82-8 | Cumene | 0.20 | U | 0.20 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.20 |
| 103-65-1 | n-Propylbenzene | 0.20 | U | 0.20 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | 0.20 | U | 0.20 | 0.20 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76527-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-212731/4

Matrix: Air  Lab File ID: 63648_004.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/13/2025 09:34

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 212731  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-49-8 | 2-Chlorotoluene | 0.20 | U | 0.20 | 0.20 |
| 98-06-6 | tert-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 135-98-8 | sec-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 99-87-6 | 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.20 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-44-7 | Benzyl chloride | 0.20 | U | 0.20 | 0.20 |
| 104-51-8 | n-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.50 |
| 87-68-3 | Hexachlorobutadiene | 0.20 | U | 0.20 | 0.20 |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 0.50 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_004.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 13-Jan-2025 09:34:21 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063648-004
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2025 07:32:37 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: YWL8 Date: 14-Jan-2025 07:32:37

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | | 4.273 | | | | | ND | 7 |
| 2 Dichlorodifluoromethane | 85 | | 4.374 | | | | | ND | |
| 3 Chlorodifluoromethane | 51 | | 4.423 | | | | | ND | |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.744 | | | | | ND | |
| 5 Chloromethane | 50 | | 4.872 | | | | | ND | 7 |
| 7 Butane | 43 | | 5.177 | | | | | ND | 7 |
| 6 Vinyl chloride | 62 | | 5.177 | | | | | ND | |
| 8 Butadiene | 54 | | 5.295 | | | | | ND | |
| 9 Bromomethane | 94 | | 6.044 | | | | | ND | |
| 10 Chloroethane | 64 | | 6.327 | | | | | ND | |
| 12 2-Methylbutane | 43 | | 6.530 | | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.755 | | | | | ND | |
| 14 Trichlorofluoromethane | 101 | | 6.921 | | | | | ND | |
| 15 Pentane | 43 | | 7.124 | | | | | ND | 7 |
| 16 Ethanol | 45 | | 7.327 | | | | | ND | |
| 18 Ethyl ether | 59 | | 7.552 | | | | | ND | |
| 19 Acrolein | 56 | | 7.814 | | | | | ND | |
| 20 1,1-Dichloroethene | 96 | | 8.007 | | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.044 | | | | | ND | |
| 22 Acetone | 43 | | 8.098 | | | | | ND | 7 |
| 23 Isopropyl alcohol | 45 | | 8.403 | | | | | ND | |
| 24 Carbon disulfide | 76 | | 8.413 | | | | | ND | 7 |
| 25 Acetonitrile | 41 | | 8.627 | | | | | ND | |
| 26 3-Chloro-1-propene | 41 | | 8.718 | | | | | ND | 7 |
| 27 Methylene Chloride | 49 | | 8.959 | | | | | ND | 7 |
| 28 2-Methyl-2-propanol | 59 | | 9.189 | | | | | ND | |
| 29 Acrylonitrile | 53 | | 9.382 | | | | | ND | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.457 | | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.462 | | | | | ND | |
| 32 Hexane | 57 | | 9.965 | | | | | ND | |
| S 35 1,2-Dichloroethene, Total | 61 | | 10.200 | | | | | ND | 7 |
| 33 1,1-Dichloroethane | 63 | | 10.243 | | | | | ND | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 34 Vinyl acetate | 43 | | 10.254 | | | | | ND | |
| 36 2-Butanone (MEK) | 72 | | 11.238 | | | | | ND | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.260 | | | | | ND | |
| 38 Ethyl acetate | 88 | | 11.308 | | | | | ND | |
| * 39 Chlorobromomethane | 128 | 11.677 | 11.677 | 0.000 | 98 | 262885 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 11.709 | | | | | ND | |
| 41 Chloroform | 83 | | 11.859 | | | | | ND | |
| 42 1,1,1-Trichloroethane | 97 | | 12.153 | | | | | ND | |
| 43 Cyclohexane | 84 | | 12.281 | | | | | ND | |
| 44 Carbon tetrachloride | 117 | | 12.431 | | | | | ND | |
| 45 Benzene | 78 | | 12.784 | | | | | ND | 7 |
| 46 1,2-Dichloroethane | 62 | | 12.870 | | | | | ND | |
| 47 Isooctane | 57 | | 12.993 | | | | | ND | |
| 48 n-Heptane | 43 | | 13.303 | | | | | ND | 7 |
| * 49 1,4-Difluorobenzene | 114 | 13.533 | 13.528 | 0.005 | 96 | 1274462 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | | 13.774 | | | | | ND | 7 |
| 51 Trichloroethene | 95 | | 13.961 | | | | | ND | |
| A 52 GRO | 1 | 14.258 | (6.520-21.996) | | 0 | 4145745 | | 0 | |
| 53 1,2-Dichloropropane | 63 | | 14.432 | | | | | ND | |
| 54 Methyl methacrylate | 69 | | 14.512 | | | | | ND | |
| 55 1,4-Dioxane | 88 | | 14.560 | | | | | ND | |
| 57 Dibromomethane | 174 | 14.598 | 14.587 | 0.011 | 83 | 617 | | 0.0139 | |
| 58 Dichlorobromomethane | 83 | | 14.903 | | | | | ND | |
| A 60 TVOC as Toluene | 1 | 15.638 | (4.263-27.014) | | 0 | 4306635 | | 0 | |
| 59 cis-1,3-Dichloropropene | 75 | | 15.705 | | | | | ND | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | | 15.973 | | | | | ND | |
| 62 Toluene | 92 | | 16.342 | | | | | ND | |
| A 63 Toluene Range | 1 | | (16.272-16.422) | | | | | ND | |
| A 65 C8 Range | 1 | | (16.497-16.657) | | | | | ND | |
| 64 n-Octane | 43 | | 16.577 | | | | | ND | |
| 66 trans-1,3-Dichloropropene | 75 | | 16.770 | | | | | ND | 7 |
| 67 1,1,2-Trichloroethane | 83 | | 17.150 | | | | | ND | |
| 68 Tetrachloroethene | 166 | | 17.332 | | | | | ND | |
| 69 2-Hexanone | 43 | | 17.562 | | | | | ND | |
| 70 Chlorodibromomethane | 129 | | 17.888 | | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 18.123 | | | | | ND | 7 |
| * 73 Chlorobenzene-d5 | 117 | 19.038 | 19.033 | 0.005 | 90 | 1147025 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | | 19.092 | | | | | ND | 7 |
| 75 Ethylbenzene | 91 | | 19.279 | | | | | ND | 7 |
| 76 m-Xylene & p-Xylene | 106 | | 19.541 | | | | | ND | |
| 77 n-Nonane | 57 | | 19.589 | | | | | ND | |
| S 80 Xylenes, Total | 106 | | 20.100 | | | | | ND | 7 |
| 78 o-Xylene | 106 | | 20.311 | | | | | ND | |
| 79 Styrene | 104 | | 20.349 | | | | | ND | 7 |
| 81 Bromoform | 173 | | 20.691 | | | | | ND | |
| 82 Isopropylbenzene | 105 | | 20.980 | | | | | ND | |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 21.504 | | | | | ND | 7 |
| 84 1,2,3-Trichloropropane | 75 | | 21.601 | | | | | ND | |
| 85 N-Propylbenzene | 91 | | 21.681 | | | | | ND | 7 |
| 86 2-Chlorotoluene | 91 | | 21.831 | | | | | ND | 7 |
| 87 4-Ethyltoluene | 105 | | 21.873 | | | | | ND | 7 |
| 88 1,3,5-Trimethylbenzene | 105 | | 21.964 | | | | | ND | 7 |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 n-Decane | 57 | | 21.986 | | | | | ND | |
| 90 Alpha Methyl Styrene | 118 | | 22.291 | | | | | ND | 7 |
| 91 tert-Butylbenzene | 119 | | 22.441 | | | | | ND | 7 |
| 92 1,2,4-Trimethylbenzene | 105 | | 22.526 | | | | | ND | 7 |
| 93 sec-Butylbenzene | 105 | | 22.762 | | | | | ND | 7 |
| 94 1,3-Dichlorobenzene | 146 | 22.938 | 22.938 | 0.000 | 92 | 1101 | | 0.0103 | |
| 95 4-Isopropyltoluene | 119 | | 22.970 | | | | | ND | 7 |
| 96 1,4-Dichlorobenzene | 146 | 23.077 | 23.077 | 0.000 | 90 | 1313 | | 0.0123 | |
| 97 Benzyl chloride | 91 | | 23.232 | | | | | ND | 7 |
| 98 n-Butylbenzene | 91 | | 23.537 | | | | | ND | 7 |
| 99 1,2-Dichlorobenzene | 146 | 23.586 | 23.580 | 0.006 | 90 | 1125 | | 0.0109 | |
| 100 Undecane | 57 | | 23.676 | | | | | ND | 7 |
| 101 Dodecane | 57 | | 25.297 | | | | | ND | 7 |
| 102 1,2,4-Trichlorobenzene | 180 | 26.079 | 26.078 | 0.001 | 88 | 1499 | | 0.0215 | |
| 103 Hexachlorobutadiene | 225 | | 26.325 | | | | | ND | |
| 104 Naphthalene | 128 | 26.587 | 26.587 | 0.011 | 93 | 2115 | | 0.0137 | 7M |
| 105 1,2,3-Trichlorobenzene | 180 | 27.009 | 27.004 | 0.005 | 83 | 967 | | 0.0148 | |
| 109 Chlorotrifluoroethene TIC | 1 | | 0.000 | | | | | ND | |
| 110 Difluoroethane TIC | 1 | | 0.000 | | | | | ND | |
| 111 Total Alkanes TIC | 1 | | 0.000 | | | | | ND | |
| 112 Freon 115 TIC | 1 | | 0.000 | | | | | ND | |
| 113 1,1,1-Trifluoro-2,2-dichloroetha | 1 | | 0.000 | | | | | ND | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

## Reagents:

ATTO15AMISs_00004 Amount Added: 20.00 Units: mL Run Reagent

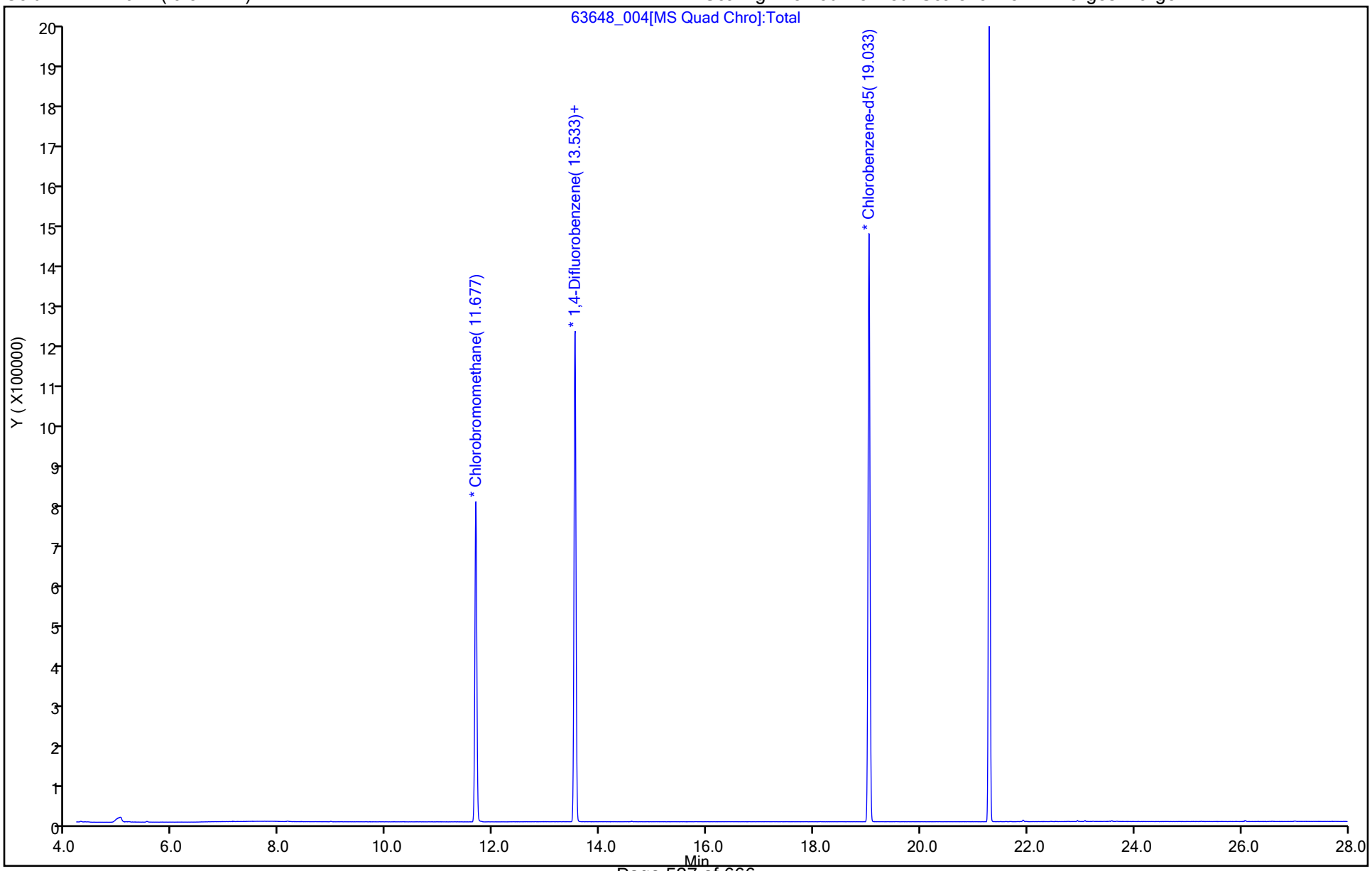
Report Date: 14-Jan-2025 07:32:37 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_004.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 13-Jan-2025 09:34:21 | Instrument ID: | CHAM.i | Operator ID: | vtp |
| Lims ID: | mb | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 3 |
| Method: | TO15_TO3_Master_Method_AM1 | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

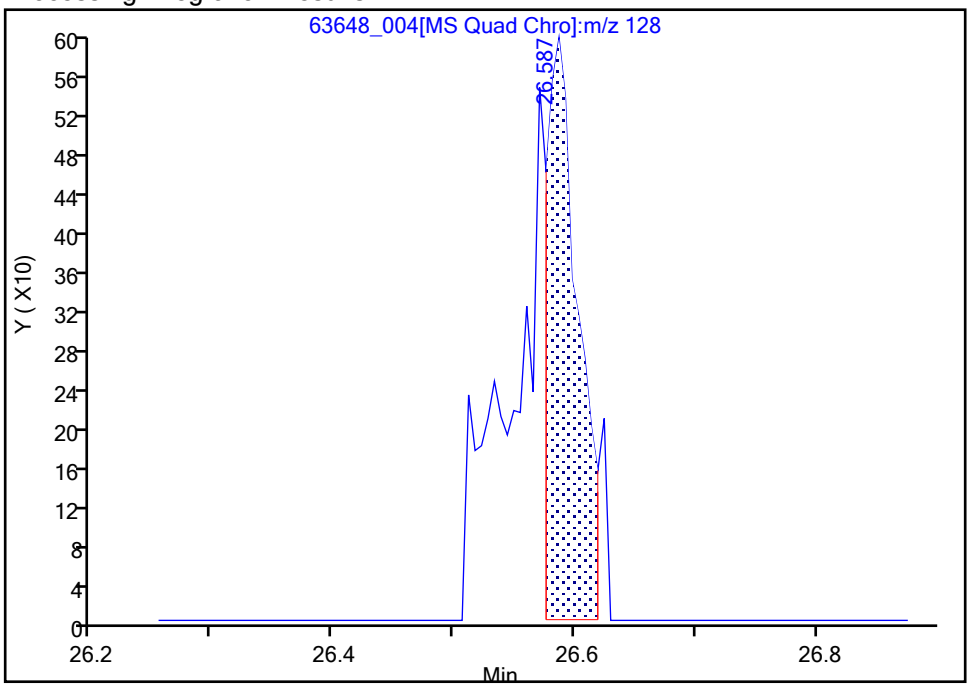
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_004.D | | | | |
| Injection Date: | 13-Jan-2025 09:34:21 | Instrument ID: | CHAM.i | | |
| Lims ID: | mb | | | | |
| Client ID: | | | | | |
| Operator ID: | vtp | ALS Bottle#: | 3 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_Master_Method_AM1 | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 104 Naphthalene, CAS: 91-20-3

Signal: 1

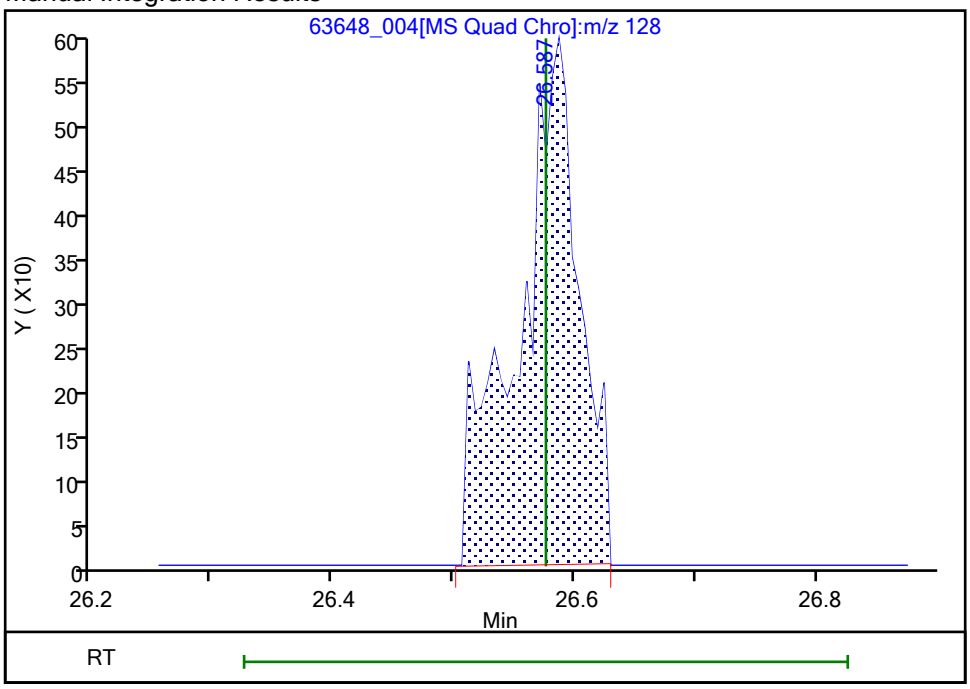
Processing Integration Results

RT: 26.59
Area: 1101
Amount: 0.007119
Amount Units: ppb v/v




Manual Integration Results

RT: 26.59
Area: 2115
Amount: 0.013676
Amount Units: ppb v/v




Reviewer: YWL8, 14-Jan-2025 07:32:32 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab File ID: 63800_005.D Lab Sample ID: MB 200-213150/5

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHAN.i Date Analyzed: 01/25/2025 13:25

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 200-213150/3 | 63800_003.D | 01/25/2025 11:42 |
| 4820 | 200-76720-2 | 63800_023.D | 01/26/2025 05:29 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213150/5

Matrix: Air  Lab File ID: 63800_005.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/25/2025 13:25

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 5.0 | U | 5.0 | 5.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.50 | U | 0.50 | 0.50 |
| 75-45-6 | Freon 22 | 0.50 | U | 0.50 | 0.50 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.20 |
| 74-87-3 | Chloromethane | 0.50 | U | 0.50 | 0.50 |
| 106-97-8 | n-Butane | 0.50 | U | 0.50 | 0.50 |
| 75-01-4 | Vinyl chloride | 0.14 | U | 0.14 | 0.14 |
| 106-99-0 | 1,3-Butadiene | 0.20 | U | 0.20 | 0.20 |
| 74-83-9 | Bromomethane | 0.20 | U | 0.20 | 0.20 |
| 75-00-3 | Chloroethane | 0.50 | U | 0.50 | 0.50 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.20 |
| 75-69-4 | Trichlorofluoromethane | 0.20 | U | 0.20 | 0.20 |
| 64-17-5 | Ethanol | 5.0 | U | 5.0 | 5.0 |
| 76-13-1 | Freon TF | 0.20 | U | 0.20 | 0.20 |
| 75-35-4 | 1,1-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 67-64-1 | Acetone | 5.0 | U | 5.0 | 5.0 |
| 67-63-0 | Isopropyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 75-15-0 | Carbon disulfide | 0.50 | U | 0.50 | 0.50 |
| 107-05-1 | 3-Chloropropene | 0.50 | U | 0.50 | 0.50 |
| 75-09-2 | Methylene Chloride | 0.50 | U | 0.50 | 0.50 |
| 75-65-0 | tert-Butyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.20 |
| 110-54-3 | n-Hexane | 0.50 | U | 0.50 | 0.50 |
| 75-34-3 | 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 108-05-4 | Vinyl acetate | 5.0 | U | 5.0 | 5.0 |
| 141-78-6 | Ethyl acetate | 5.0 | U | 5.0 | 5.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.50 | U | 0.50 | 0.50 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.40 | U | 0.40 | 0.40 |
| 67-66-3 | Chloroform | 0.20 | U | 0.20 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 5.0 | U | 5.0 | 5.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213150/5

Matrix: Air  Lab File ID: 63800_005.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/25/2025 13:25

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 110-82-7 | Cyclohexane | 0.20 | U | 0.20 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 0.14 | U | 0.14 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.20 | U | 0.20 | 0.20 |
| 71-43-2 | Benzene | 0.20 | U | 0.20 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 142-82-5 | n-Heptane | 0.20 | U | 0.20 | 0.20 |
| 79-01-6 | Trichloroethene | 0.14 | U | 0.14 | 0.14 |
| 80-62-6 | Methyl methacrylate | 0.50 | U | 0.50 | 0.50 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.20 |
| 123-91-1 | 1,4-Dioxane | 5.0 | U | 5.0 | 5.0 |
| 75-27-4 | Bromodichloromethane | 0.20 | U | 0.20 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 108-10-1 | methyl isobutyl ketone | 0.50 | U | 0.50 | 0.50 |
| 108-88-3 | Toluene | 0.20 | U | 0.20 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 127-18-4 | Tetrachloroethene | 0.20 | U | 0.20 | 0.20 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.50 | U | 0.50 | 0.50 |
| 124-48-1 | Dibromochloromethane | 0.20 | U | 0.20 | 0.20 |
| 106-93-4 | 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.20 |
| 108-90-7 | Chlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 179601-23-1 | m,p-Xylene | 0.50 | U | 0.50 | 0.50 |
| 95-47-6 | Xylene, o- | 0.20 | U | 0.20 | 0.20 |
| 1330-20-7 | Xylene (total) | 0.70 | U | 0.70 | 0.70 |
| 100-42-5 | Styrene | 0.20 | U | 0.20 | 0.20 |
| 75-25-2 | Bromoform | 0.20 | U | 0.20 | 0.20 |
| 98-82-8 | Cumene | 0.20 | U | 0.20 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.20 |
| 103-65-1 | n-Propylbenzene | 0.20 | U | 0.20 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | 0.20 | U | 0.20 | 0.20 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213150/5

Matrix: Air  Lab File ID: 63800_005.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/25/2025 13:25

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-49-8 | 2-Chlorotoluene | 0.20 | U | 0.20 | 0.20 |
| 98-06-6 | tert-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 135-98-8 | sec-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 99-87-6 | 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.20 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-44-7 | Benzyl chloride | 0.20 | U | 0.20 | 0.20 |
| 104-51-8 | n-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.50 |
| 87-68-3 | Hexachlorobutadiene | 0.20 | U | 0.20 | 0.20 |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 0.50 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_005.D
Lims ID: mb
Client ID:
Sample Type: MB
Inject. Date: 25-Jan-2025 13:25:35 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063800-005
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2025 21:39:52 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: YWL8 Date: 26-Jan-2025 21:39:52

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | | 4.348 | | | | | ND | 7 |
| 2 Dichlorodifluoromethane | 85 | | 4.449 | | | | | ND | |
| 3 Chlorodifluoromethane | 51 | | 4.492 | | | | | ND | 7 |
| 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.813 | | | | | ND | |
| 5 Chloromethane | 50 | | 4.925 | | | | | ND | 7 |
| 6 Vinyl chloride | 62 | | 5.225 | | | | | ND | |
| 7 Butane | 43 | | 5.230 | | | | | ND | 7 |
| 8 Butadiene | 54 | | 5.337 | | | | | ND | |
| 9 Bromomethane | 94 | | 6.060 | | | | | ND | |
| 10 Chloroethane | 64 | | 6.327 | | | | | ND | |
| 12 2-Methylbutane | 43 | | 6.546 | | | | | ND | |
| 13 Vinyl bromide | 106 | | 6.750 | | | | | ND | |
| 14 Trichlorofluoromethane | 101 | | 6.916 | | | | | ND | |
| 15 Pentane | 43 | | 7.124 | | | | | ND | |
| 16 Ethanol | 45 | | 7.269 | | | | | ND | |
| 18 Ethyl ether | 59 | | 7.525 | | | | | ND | |
| 19 Acrolein | 56 | | 7.755 | | | | | ND | |
| 20 1,1-Dichloroethene | 96 | | 7.969 | | | | | ND | MU |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.012 | | | | | ND | |
| 22 Acetone | 43 | | 8.028 | | | | | ND | |
| 23 Isopropyl alcohol | 45 | | 8.317 | | | | | ND | |
| 24 Carbon disulfide | 76 | | 8.371 | | | | | ND | 7 |
| 25 Acetonitrile | 41 | | 8.521 | | | | | ND | |
| 26 3-Chloro-1-propene | 41 | | 8.654 | | | | | ND | 7 |
| 27 Methylene Chloride | 49 | | 8.884 | | | | | ND | 7 |
| 28 2-Methyl-2-propanol | 59 | | 9.082 | | | | | ND | |
| 29 Acrylonitrile | 53 | | 9.264 | | | | | ND | |
| 30 trans-1,2-Dichloroethene | 61 | | 9.382 | | | | | ND | 7 |
| 31 Methyl tert-butyl ether | 73 | | 9.387 | | | | | ND | |
| 32 Hexane | 57 | | 9.906 | | | | | ND | |
| 33 1,1-Dichloroethane | 63 | | 10.141 | | | | | ND | |
| 34 Vinyl acetate | 43 | | 10.147 | | | | | ND | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| S 35 1,2-Dichloroethene, Total | 61 | | 10.200 | | | | | ND | 7 |
| 36 2-Butanone (MEK) | 72 | | 11.099 | | | | | ND | |
| 37 cis-1,2-Dichloroethene | 96 | | 11.131 | | | | | ND | 7 |
| 38 Ethyl acetate | 88 | | 11.185 | | | | | ND | |
| * 39 Chlorobromomethane | 128 | 11.543 | 11.538 | 0.005 | 98 | 609509 | 10.0 | 10.0 | |
| 40 Tetrahydrofuran | 42 | | 11.586 | | | | | ND | |
| 41 Chloroform | 83 | | 11.714 | | | | | ND | |
| 42 1,1,1-Trichloroethane | 97 | | 12.035 | | | | | ND | 7 |
| 43 Cyclohexane | 84 | | 12.180 | | | | | ND | |
| 44 Carbon tetrachloride | 117 | | 12.313 | | | | | ND | |
| 45 Benzene | 78 | | 12.651 | | | | | ND | 7 |
| 46 1,2-Dichloroethane | 62 | | 12.715 | | | | | ND | |
| 47 Isooctane | 57 | | 12.886 | | | | | ND | |
| 48 n-Heptane | 43 | | 13.191 | | | | | ND | 7 |
| * 49 1,4-Difluorobenzene | 114 | 13.383 | 13.383 | 0.000 | 96 | 3004436 | 10.0 | 10.0 | |
| 50 n-Butanol | 56 | | 13.587 | | | | | ND | 7 |
| 51 Trichloroethene | 95 | | 13.817 | | | | | ND | |
| A 52 GRO | 1 | 14.207 | (6.536-21.878) | | 0 | 8901234 | | 0 | |
| 53 1,2-Dichloropropane | 63 | | 14.266 | | | | | ND | |
| 54 Methyl methacrylate | 69 | | 14.352 | | | | | ND | |
| 55 1,4-Dioxane | 88 | | 14.395 | | | | | ND | |
| 57 Dibromomethane | 174 | | 14.421 | | | | | ND | 7 |
| 58 Dichlorobromomethane | 83 | | 14.726 | | | | | ND | |
| 59 cis-1,3-Dichloropropene | 75 | | 15.534 | | | | | ND | |
| A 60 TVOC as Toluene | 1 | 15.558 | (4.338-26.779) | | 0 | 9044608 | | 0 | |
| 61 4-Methyl-2-pentanone (MIBK) | 43 | | 15.785 | | | | | ND | |
| 62 Toluene | 92 | | 16.181 | | | | | ND | 7 |
| A 63 Toluene Range | 1 | 16.192 | (16.112-16.272) | | 0 | 9320 | | NC | |
| 64 n-Octane | 43 | | 16.444 | | | | | ND | |
| A 65 C8 Range | 1 | | (16.363-16.534) | | | | | ND | |
| 66 trans-1,3-Dichloropropene | 75 | | 16.577 | | | | | ND | |
| 67 1,1,2-Trichloroethane | 83 | | 16.952 | | | | | ND | |
| 68 Tetrachloroethene | 166 | | 17.176 | | | | | ND | |
| 69 2-Hexanone | 43 | | 17.364 | | | | | ND | |
| 70 Chlorodibromomethane | 129 | | 17.690 | | | | | ND | |
| 71 Ethylene Dibromide | 107 | | 17.936 | | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 18.851 | 18.851 | 0.000 | 89 | 2616514 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | | 18.910 | | | | | ND | 7 |
| 75 Ethylbenzene | 91 | | 19.108 | | | | | ND | 7 |
| 76 m-Xylene & p-Xylene | 106 | | 19.370 | | | | | ND | |
| 77 n-Nonane | 57 | | 19.439 | | | | | ND | |
| S 80 Xylenes, Total | 106 | | 20.100 | | | | | ND | 7 |
| 78 o-Xylene | 106 | | 20.135 | | | | | ND | |
| 79 Styrene | 104 | | 20.172 | | | | | ND | |
| 81 Bromoform | 173 | | 20.504 | | | | | ND | |
| 82 Isopropylbenzene | 105 | | 20.830 | | | | | ND | 7 |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 21.323 | | | | | ND | 7 |
| 84 1,2,3-Trichloropropane | 75 | | 21.424 | | | | | ND | |
| 85 N-Propylbenzene | 91 | | 21.537 | | | | | ND | 7 |
| 86 2-Chlorotoluene | 91 | | 21.681 | | | | | ND | 7 |
| 87 4-Ethyltoluene | 105 | | 21.734 | | | | | ND | 7 |
| 88 1,3,5-Trimethylbenzene | 105 | | 21.831 | | | | | ND | 7 |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 n-Decane | 57 | | 21.868 | | | | | ND | |
| 90 Alpha Methyl Styrene | 118 | | 22.152 | | | | | ND | |
| 91 tert-Butylbenzene | 119 | | 22.307 | | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | | 22.392 | | | | | ND | 7 |
| 93 sec-Butylbenzene | 105 | | 22.633 | | | | | ND | 7 |
| 94 1,3-Dichlorobenzene | 146 | | 22.799 | | | | | ND | 7 |
| 95 4-Isopropyltoluene | 119 | | 22.847 | | | | | ND | 7 |
| 96 1,4-Dichlorobenzene | 146 | | 22.938 | | | | | ND | 7 |
| 97 Benzyl chloride | 91 | | 23.083 | | | | | ND | |
| 98 n-Butylbenzene | 91 | | 23.404 | | | | | ND | 7 |
| 99 1,2-Dichlorobenzene | 146 | | 23.430 | | | | | ND | 7 |
| 100 Undecane | 57 | | 23.559 | | | | | ND | |
| 101 Dodecane | 57 | | 25.142 | | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | | 25.875 | | | | | ND | 7 |
| 103 Hexachlorobutadiene | 225 | | 26.132 | | | | | ND | |
| 104 Naphthalene | 128 | | 26.351 | | | | | ND | 7 |
| 105 1,2,3-Trichlorobenzene | 180 | | 26.769 | | | | | ND | 7 |
| 109 Chlorotrifluoroethene TIC | 1 | | 0.000 | | | | | ND | |
| 110 Difluoroethane TIC | 1 | | 0.000 | | | | | ND | |
| 111 Total Alkanes TIC | 1 | | 0.000 | | | | | ND | |
| 112 Freon 115 TIC | 1 | | 0.000 | | | | | ND | |
| 113 1,1,1-Trifluoro-2,2-dichloroetha | 1 | | 0.000 | | | | | ND | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | | ND | |

## QC Flag Legend

Processing Flags
NC - Not Calibrated
7 - Failed Limit of Detection
Review Flags
U - Marked Undetected

## Reagents:

ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

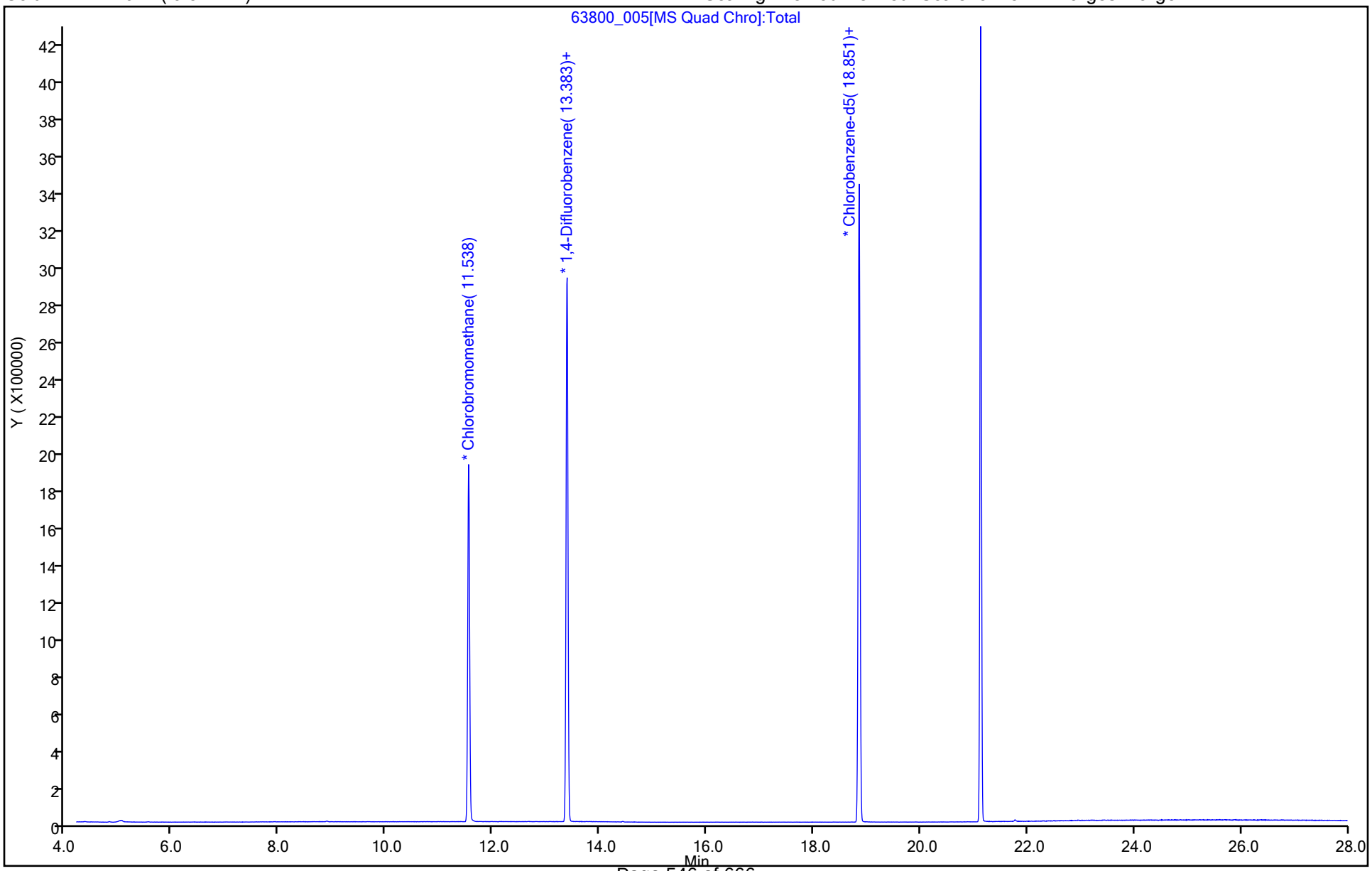
Report Date: 26-Jan-2025 21:39:52 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_005.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 25-Jan-2025 13:25:35 | Instrument ID: | CHAN.i | Operator ID: | wrd |
| Lims ID: | mb | | | Worklist Smp#: | 5 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



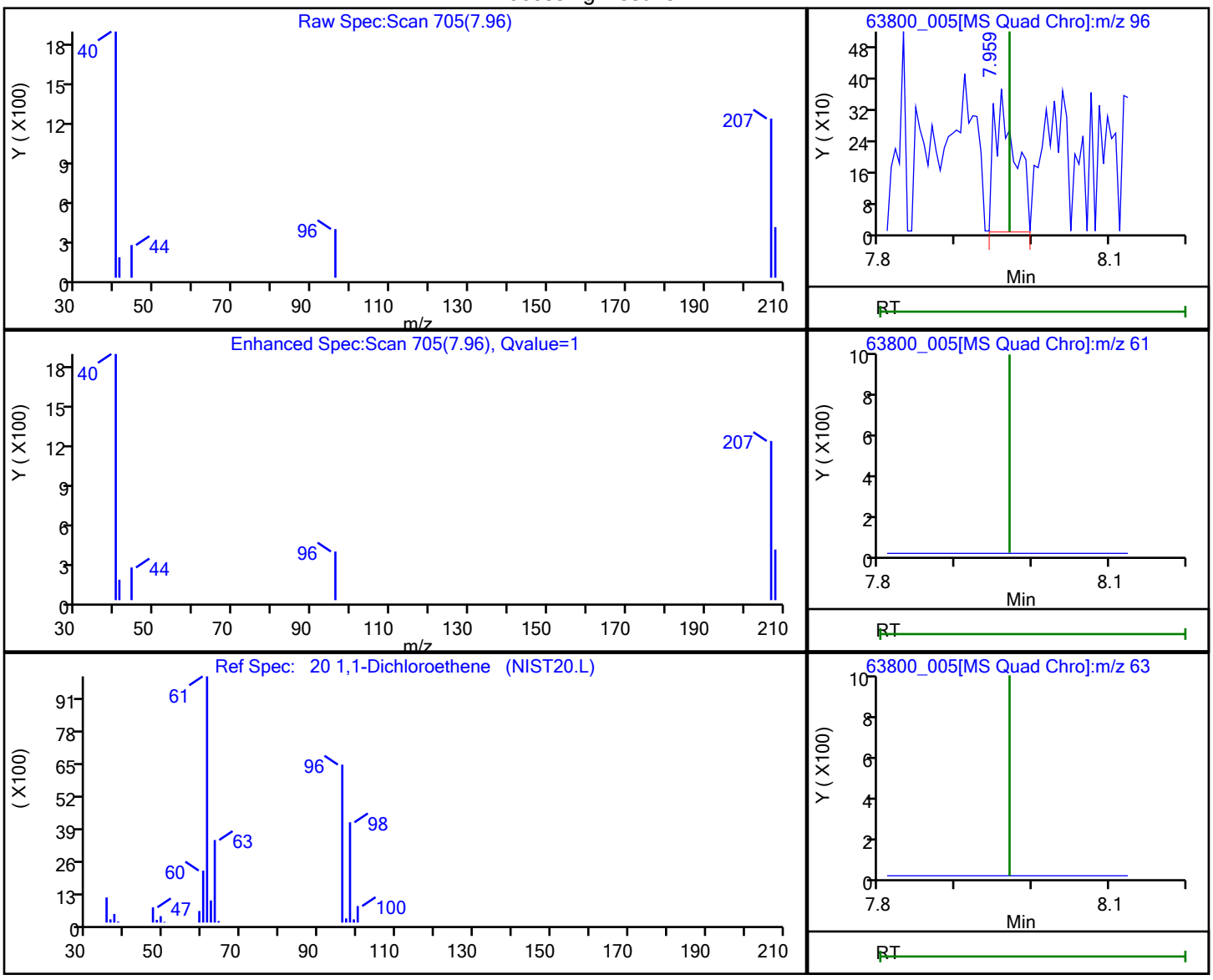
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_005.D | | | | |
| Injection Date: | 25-Jan-2025 13:25:35 | Instrument ID: | CHAN.i | | |
| Lims ID: | mb | | | | |
| Client ID: | | | | | |
| Operator ID: | wrd | ALS Bottle#: | 4 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.96 | 96.00 | 678 | 0.010253 |
| 7.97 | 61.00 | 0 | |
| 7.97 | 63.00 | 0 | |

Reviewer: YWL8, 26-Jan-2025 21:39:33 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab File ID: 63807-04.D Lab Sample ID: MB 200-213161/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: CHX.i Date Analyzed: 01/27/2025 13:16

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED |
|---|---|---|---|
| | LCS 200-213161/3 | 63807-03.D | 01/27/2025 12:17 |
| 27028 | 200-76733-3 | 63807-11.D | 01/27/2025 20:29 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213161/4

Matrix: Air  Lab File ID: 63807-04.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/27/2025 13:16

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213161  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 5.0 | U | 5.0 | 5.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.50 | U | 0.50 | 0.50 |
| 75-45-6 | Freon 22 | 0.50 | U | 0.50 | 0.50 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.20 | U | 0.20 | 0.20 |
| 74-87-3 | Chloromethane | 0.50 | U | 0.50 | 0.50 |
| 106-97-8 | n-Butane | 0.50 | U | 0.50 | 0.50 |
| 75-01-4 | Vinyl chloride | 0.14 | U | 0.14 | 0.14 |
| 106-99-0 | 1,3-Butadiene | 0.20 | U | 0.20 | 0.20 |
| 74-83-9 | Bromomethane | 0.20 | U | 0.20 | 0.20 |
| 75-00-3 | Chloroethane | 0.50 | U | 0.50 | 0.50 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.20 | U | 0.20 | 0.20 |
| 75-69-4 | Trichlorofluoromethane | 0.20 | U | 0.20 | 0.20 |
| 64-17-5 | Ethanol | 5.0 | U | 5.0 | 5.0 |
| 76-13-1 | Freon TF | 0.20 | U | 0.20 | 0.20 |
| 75-35-4 | 1,1-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 67-64-1 | Acetone | 5.0 | U | 5.0 | 5.0 |
| 67-63-0 | Isopropyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 75-15-0 | Carbon disulfide | 0.50 | U | 0.50 | 0.50 |
| 107-05-1 | 3-Chloropropene | 0.50 | U | 0.50 | 0.50 |
| 75-09-2 | Methylene Chloride | 0.50 | U | 0.50 | 0.50 |
| 75-65-0 | tert-Butyl alcohol | 5.0 | U | 5.0 | 5.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.20 | U | 0.20 | 0.20 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.20 | U | 0.20 | 0.20 |
| 110-54-3 | n-Hexane | 0.50 | U | 0.50 | 0.50 |
| 75-34-3 | 1,1-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 108-05-4 | Vinyl acetate | 5.0 | U | 5.0 | 5.0 |
| 141-78-6 | Ethyl acetate | 5.0 | U | 5.0 | 5.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.50 | U | 0.50 | 0.50 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.14 | U | 0.14 | 0.14 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.40 | U | 0.40 | 0.40 |
| 67-66-3 | Chloroform | 0.20 | U | 0.20 | 0.20 |
| 109-99-9 | Tetrahydrofuran | 5.0 | U | 5.0 | 5.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213161/4

Matrix: Air  Lab File ID: 63807-04.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/27/2025 13:16

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213161  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 110-82-7 | Cyclohexane | 0.20 | U | 0.20 | 0.20 |
| 56-23-5 | Carbon tetrachloride | 0.14 | U | 0.14 | 0.14 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.20 | U | 0.20 | 0.20 |
| 71-43-2 | Benzene | 0.20 | U | 0.20 | 0.20 |
| 107-06-2 | 1,2-Dichloroethane | 0.20 | U | 0.20 | 0.20 |
| 142-82-5 | n-Heptane | 0.20 | U | 0.20 | 0.20 |
| 79-01-6 | Trichloroethene | 0.14 | U | 0.14 | 0.14 |
| 80-62-6 | Methyl methacrylate | 0.50 | U | 0.50 | 0.50 |
| 78-87-5 | 1,2-Dichloropropane | 0.20 | U | 0.20 | 0.20 |
| 123-91-1 | 1,4-Dioxane | 5.0 | U | 5.0 | 5.0 |
| 75-27-4 | Bromodichloromethane | 0.20 | U | 0.20 | 0.20 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 108-10-1 | methyl isobutyl ketone | 0.50 | U | 0.50 | 0.50 |
| 108-88-3 | Toluene | 0.20 | U | 0.20 | 0.20 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.20 | U | 0.20 | 0.20 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.20 | U | 0.20 | 0.20 |
| 127-18-4 | Tetrachloroethene | 0.20 | U | 0.20 | 0.20 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.50 | U | 0.50 | 0.50 |
| 124-48-1 | Dibromochloromethane | 0.20 | U | 0.20 | 0.20 |
| 106-93-4 | 1,2-Dibromoethane | 0.20 | U | 0.20 | 0.20 |
| 108-90-7 | Chlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-41-4 | Ethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 179601-23-1 | m,p-Xylene | 0.50 | U | 0.50 | 0.50 |
| 95-47-6 | Xylene, o- | 0.20 | U | 0.20 | 0.20 |
| 1330-20-7 | Xylene (total) | 0.70 | U | 0.70 | 0.70 |
| 100-42-5 | Styrene | 0.20 | U | 0.20 | 0.20 |
| 75-25-2 | Bromoform | 0.20 | U | 0.20 | 0.20 |
| 98-82-8 | Cumene | 0.20 | U | 0.20 | 0.20 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.20 | U | 0.20 | 0.20 |
| 103-65-1 | n-Propylbenzene | 0.20 | U | 0.20 | 0.20 |
| 622-96-8 | 4-Ethyltoluene | 0.20 | U | 0.20 | 0.20 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Client Sample ID:  Lab Sample ID: MB 200-213161/4

Matrix: Air  Lab File ID: 63807-04.D

Analysis Method: TO-15  Date Collected:

Sample wt/vol: 200(mL)  Date Analyzed: 01/27/2025 13:16

Soil Aliquot Vol:  Dilution Factor: 1

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213161  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-49-8 | 2-Chlorotoluene | 0.20 | U | 0.20 | 0.20 |
| 98-06-6 | tert-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.20 | U | 0.20 | 0.20 |
| 135-98-8 | sec-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 99-87-6 | 4-Isopropyltoluene | 0.20 | U | 0.20 | 0.20 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 100-44-7 | Benzyl chloride | 0.20 | U | 0.20 | 0.20 |
| 104-51-8 | n-Butylbenzene | 0.20 | U | 0.20 | 0.20 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.20 | U | 0.20 | 0.20 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.50 | U | 0.50 | 0.50 |
| 87-68-3 | Hexachlorobutadiene | 0.20 | U | 0.20 | 0.20 |
| 91-20-3 | Naphthalene | 0.50 | U | 0.50 | 0.50 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 27-Jan-2025 13:16:30 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Sample Info: 200-0063807-004
Operator ID: wrd Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jan-2025 15:05:16 Calib Date: 07-Jan-2025 11:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20250106-63594.b\63594-21.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1694

First Level Reviewer: F7XK Date: 28-Jan-2025 13:51:38

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 1 Propene | 41 | | 4.238 | | | | | ND | |
| 3 Dichlorodifluoromethane | 85 | | 4.334 | | | | | ND | |
| 4 Chlorodifluoromethane | 51 | | 4.377 | | | | | ND | |
| 5 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.687 | | | | | ND | |
| 6 Chloromethane | 50 | | 4.800 | | | | | ND | |
| 7 Vinyl chloride | 62 | | 5.104 | | | | | ND | |
| 8 Butane | 43 | | 5.110 | | | | | ND | |
| 9 Butadiene | 54 | | 5.222 | | | | | ND | |
| 10 Bromomethane | 94 | | 5.918 | | | | | ND | |
| 12 Chloroethane | 64 | | 6.180 | | | | | ND | |
| 13 2-Methylbutane | 43 | | 6.388 | | | | | ND | |
| 14 Vinyl bromide | 106 | | 6.597 | | | | | ND | |
| 15 Trichlorofluoromethane | 101 | | 6.763 | | | | | ND | |
| 16 Pentane | 43 | | 6.961 | | | | | ND | |
| 17 Ethanol | 45 | 7.217 | 7.182 | 0.032 | 95 | 1371 | | 0.3125 | M |
| 18 Ethyl ether | 59 | | 7.389 | | | | | ND | |
| 19 Acrolein | 56 | | 7.624 | | | | | ND | |
| 20 1,1-Dichloroethene | 96 | | 7.811 | | | | | ND | |
| 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 7.854 | | | | | ND | |
| 22 Acetone | 43 | | 7.913 | | | | | ND | |
| 24 Carbon disulfide | 76 | 8.202 | 8.209 | -0.011 | 98 | 3812 | | 0.1398 | |
| 23 Isopropyl alcohol | 45 | 8.287 | 8.287 | 0.048 | 97 | 1046 | | 0.0953 | M |
| 25 Acetonitrile | 41 | | 8.400 | | | | | ND | |
| 27 3-Chloro-1-propene | 41 | | 8.502 | | | | | ND | |
| 28 Methylene Chloride | 49 | | 8.732 | | | | | ND | |
| 29 2-Methyl-2-propanol | 59 | | 9.026 | | | | | ND | |
| 30 Acrylonitrile | 53 | | 9.133 | | | | | ND | |
| 32 trans-1,2-Dichloroethene | 61 | | 9.224 | | | | | ND | |
| 31 Methyl tert-butyl ether | 73 | | 9.250 | | | | | ND | |
| S 33 1,2-Dichloroethene, Total | 61 | | 9.665 | | | | | ND | 7 |
| 34 Hexane | 57 | | 9.721 | | | | | ND | |
| 36 1,1-Dichloroethane | 63 | | 9.978 | | | | | ND | |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 35 Vinyl acetate | 43 | | 9.994 | | | | | ND | |
| 37 2-Butanone (MEK) | 72 | | 10.946 | | | | | ND | |
| 38 cis-1,2-Dichloroethene | 96 | | 10.968 | | | | | ND | |
| 39 Ethyl acetate | 88 | | 11.037 | | | | | ND | |
| * 40 Chlorobromomethane | 128 | 11.364 | 11.369 | -0.005 | 71 | 84473 | 10.0 | 10.0 | |
| 41 Tetrahydrofuran | 42 | | 11.433 | | | | | ND | |
| 42 Chloroform | 83 | | 11.546 | | | | | ND | |
| 43 1,1,1-Trichloroethane | 97 | | 11.845 | | | | | ND | |
| 44 Cyclohexane | 84 | | 11.984 | | | | | ND | |
| 45 Carbon tetrachloride | 117 | | 12.129 | | | | | ND | |
| 46 Benzene | 78 | | 12.466 | | | | | ND | |
| 47 1,2-Dichloroethane | 62 | | 12.535 | | | | | ND | |
| 48 Isooctane | 57 | | 12.680 | | | | | ND | |
| 49 n-Heptane | 43 | | 12.985 | | | | | ND | |
| * 50 1,4-Difluorobenzene | 114 | 13.193 | 13.193 | 0.000 | 92 | 393363 | 10.0 | 10.0 | |
| 51 n-Butanol | 56 | | 13.471 | | | | | ND | |
| 52 Trichloroethene | 95 | | 13.627 | | | | | ND | |
| A 53 GRO | 1 | 14.036 | (6.378-21.693) | | 0 | 1189185 | | 0 | |
| 55 1,2-Dichloropropane | 63 | | 14.076 | | | | | ND | |
| 56 Methyl methacrylate | 69 | | 14.172 | | | | | ND | |
| 58 Dibromomethane | 174 | | 14.231 | | | | | ND | |
| 57 1,4-Dioxane | 88 | | 14.263 | | | | | ND | |
| 59 Dichlorobromomethane | 83 | | 14.541 | | | | | ND | |
| 60 cis-1,3-Dichloropropene | 75 | | 15.338 | | | | | ND | |
| A 61 TVOC as Toluene | 92 | 15.373 | (4.228-26.519) | | 0 | 1262067 | | 0 | |
| 62 4-Methyl-2-pentanone (MIBK) | 43 | | 15.622 | | | | | ND | |
| 63 Toluene | 92 | | 15.975 | | | | | ND | |
| A 64 Toluene Range | 1 | | (15.911-16.045) | | | | | ND | |
| 66 n-Octane | 43 | | 16.226 | | | | | ND | |
| A 65 C8 Range | 1 | | (16.162-16.291) | | | | | ND | |
| 67 trans-1,3-Dichloropropene | 75 | | 16.387 | | | | | ND | |
| 68 1,1,2-Trichloroethane | 83 | | 16.756 | | | | | ND | |
| 69 Tetrachloroethene | 166 | | 16.965 | | | | | ND | |
| 70 2-Hexanone | 43 | | 17.205 | | | | | ND | |
| 71 Chlorodibromomethane | 129 | | 17.494 | | | | | ND | |
| 72 Ethylene Dibromide | 107 | | 17.730 | | | | | ND | |
| * 73 Chlorobenzene-d5 | 117 | 18.639 | 18.639 | 0.000 | 82 | 349114 | 10.0 | 10.0 | |
| 74 Chlorobenzene | 112 | | 18.698 | | | | | ND | |
| 75 Ethylbenzene | 91 | | 18.885 | | | | | ND | 7 |
| 76 m-Xylene & p-Xylene | 106 | | 19.153 | | | | | ND | |
| 77 n-Nonane | 57 | | 19.212 | | | | | ND | |
| S 78 Xylenes, Total | 106 | | 19.600 | | | | | ND | 7 |
| 79 o-Xylene | 106 | | 19.918 | | | | | ND | |
| 80 Styrene | 104 | | 19.955 | | | | | ND | |
| 81 Bromoform | 173 | | 20.308 | | | | | ND | |
| 82 Isopropylbenzene | 105 | | 20.629 | | | | | ND | |
| 83 1,1,2,2-Tetrachloroethane | 83 | | 21.159 | | | | | ND | |
| 84 1,2,3-Trichloropropane | 75 | | 21.250 | | | | | ND | |
| 85 N-Propylbenzene | 91 | | 21.357 | | | | | ND | 7 |
| 86 2-Chlorotoluene | 91 | | 21.501 | | | | | ND | 7 |
| 87 4-Ethyltoluene | 105 | | 21.555 | | | | | ND | 7 |
| 88 1,3,5-Trimethylbenzene | 105 | | 21.651 | | | | | ND | 7 |

| Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | Cal Amt ppb v/v | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| 89 n-Decane | 57 | | 21.683 | | | | | ND | |
| 90 Alpha Methyl Styrene | 118 | | 21.977 | | | | | ND | |
| 91 tert-Butylbenzene | 119 | | 22.133 | | | | | ND | |
| 92 1,2,4-Trimethylbenzene | 105 | | 22.218 | | | | | ND | 7 |
| 93 sec-Butylbenzene | 105 | | 22.459 | | | | | ND | 7 |
| 94 1,3-Dichlorobenzene | 146 | 22.630 | 22.630 | 0.000 | 82 | 872 | | 0.0258 | |
| 95 4-Isopropyltoluene | 119 | | 22.673 | | | | | ND | 7 |
| 96 1,4-Dichlorobenzene | 146 | 22.774 | 22.775 | -0.001 | 90 | 819 | | 0.0247 | |
| 97 Benzyl chloride | 91 | | 22.919 | | | | | ND | MU |
| 98 n-Butylbenzene | 91 | | 23.224 | | | | | ND | 7 |
| 99 1,2-Dichlorobenzene | 146 | 23.256 | 23.256 | 0.000 | 1 | 707 | | 0.0208 | M |
| 100 Undecane | 57 | | 23.374 | | | | | ND | |
| 101 Dodecane | 57 | | 24.920 | | | | | ND | |
| 102 1,2,4-Trichlorobenzene | 180 | 25.647 | 25.642 | 0.005 | 75 | 864 | | 0.0355 | |
| 103 Hexachlorobutadiene | 225 | | 25.883 | | | | | ND | 7 |
| 104 Naphthalene | 128 | | 26.107 | | | | | ND | MU |
| 105 1,2,3-Trichlorobenzene | 180 | 26.519 | 26.509 | 0.010 | 85 | 948 | | 0.0361 | |
| 113 Total Alkanes TIC | 1 | | 0.000 | | | | | ND | |
| 114 Methylcyclohexane | 83 | | 0.000 | | | | | ND | |
| 115 1,2,3-Trimethylbenzene TIC | 1 | | 0.000 | | | | | ND | |

## QC Flag Legend

Processing Flags
- 7 - Failed Limit of Detection

Review Flags
- M - Manually Integrated
- U - Marked Undetected

## Reagents:

ATTO15XISs_00003 Amount Added: 20.00 Units: mL Run Reagent

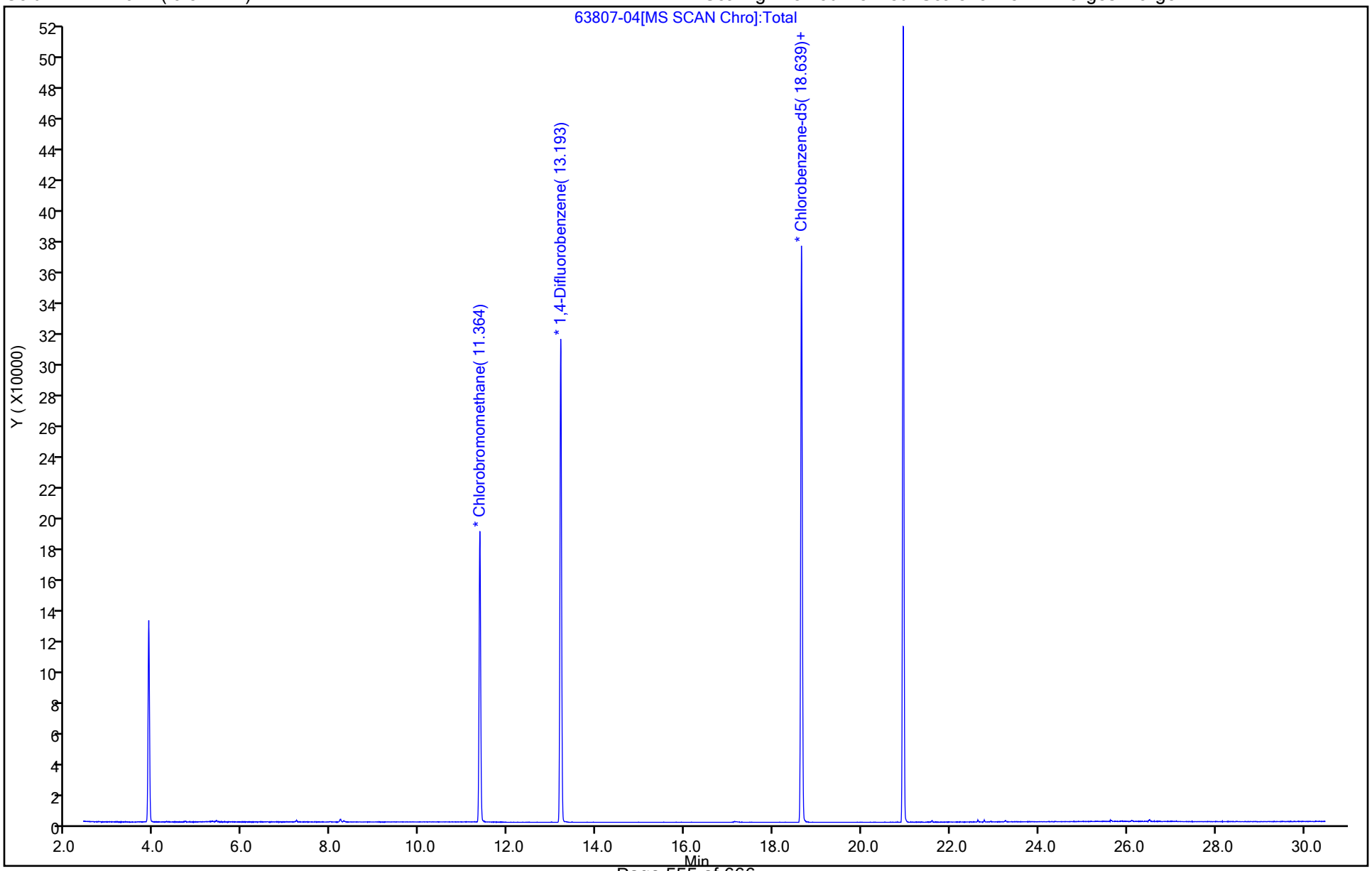
Report Date: 28-Jan-2025 15:05:23 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Jan-2025 13:16:30 | Instrument ID: | CHX.i | Operator ID: | wrd |
| Lims ID: | MB | | | Worklist Smp#: | 4 |
| Client ID: | | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | ALS Bottle#: | 4 |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

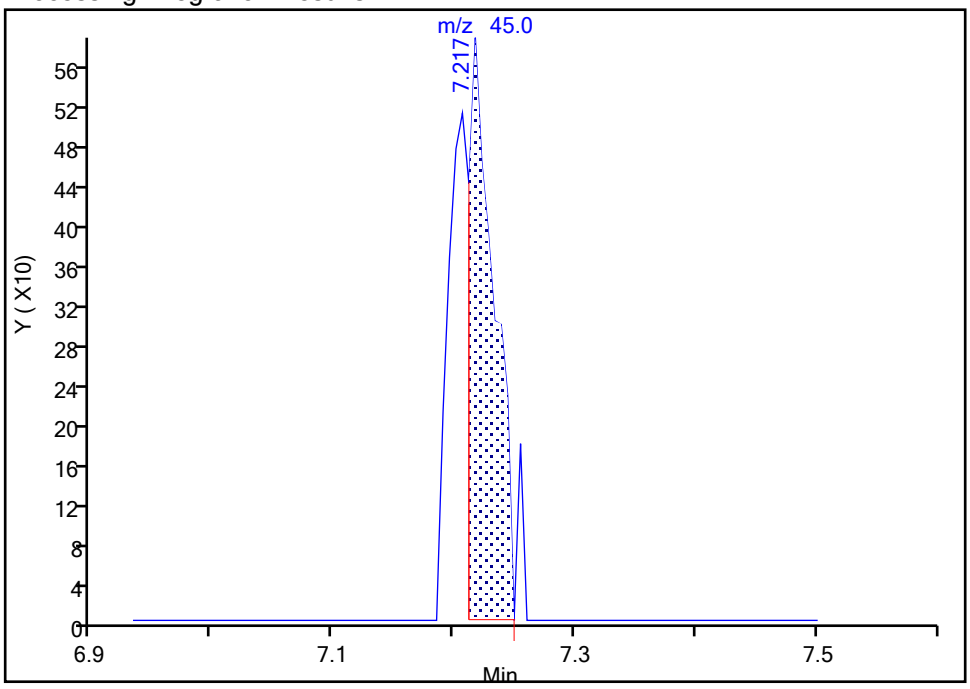
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D | | | | |
| Injection Date: | 27-Jan-2025 13:16:30 | Instrument ID: | CHX.i | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | wrd | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 17 Ethanol, CAS: 64-17-5

Signal: 1

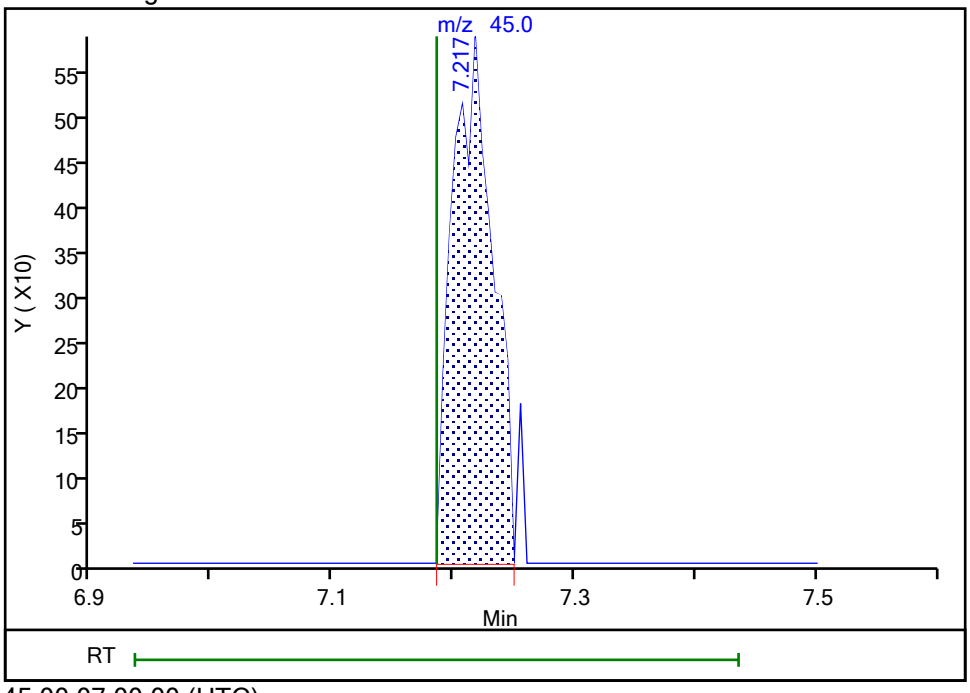
Processing Integration Results

RT: 7.22
Area: 869
Amount: 0.198080
Amount Units: ppb v/v




Manual Integration Results

RT: 7.22
Area: 1371
Amount: 0.312506
Amount Units: ppb v/v




Reviewer: F7XK, 28-Jan-2025 13:45:00 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Burlington

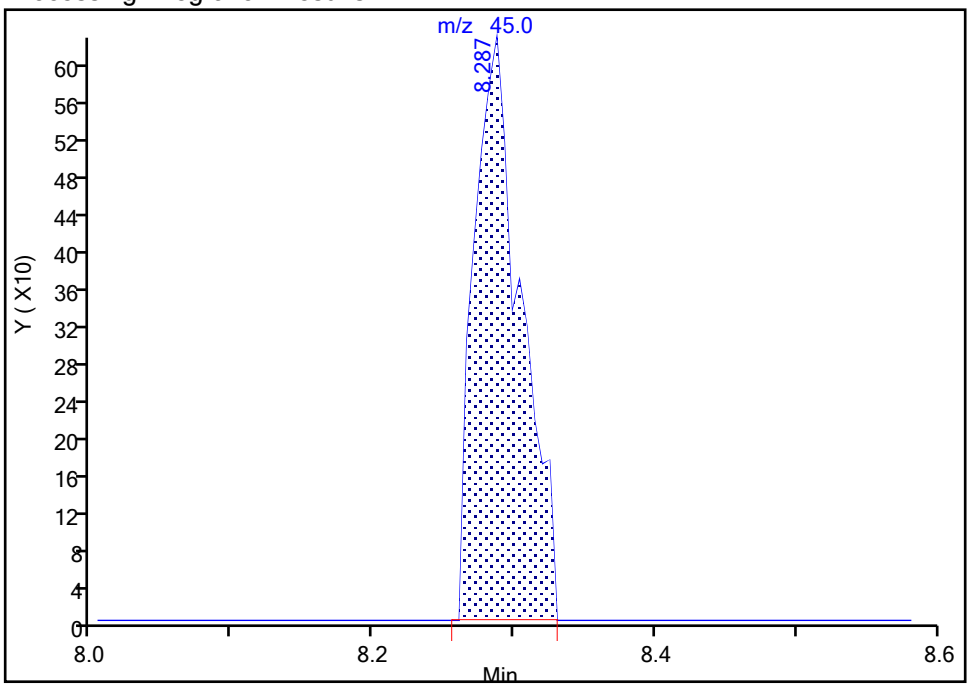
Data File: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D
Injection Date: 27-Jan-2025 13:16:30 Instrument ID: CHX.i
Lims ID: MB
Client ID:
Operator ID: wrd ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 200.000 mL Dil. Factor: 1.0000
Method: TO15_MasterMethod_X.m Limit Group: AI_TO15_ICAL
Column: RTX-624 ( 0.32 mm) Detector MS SCAN

## 23 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

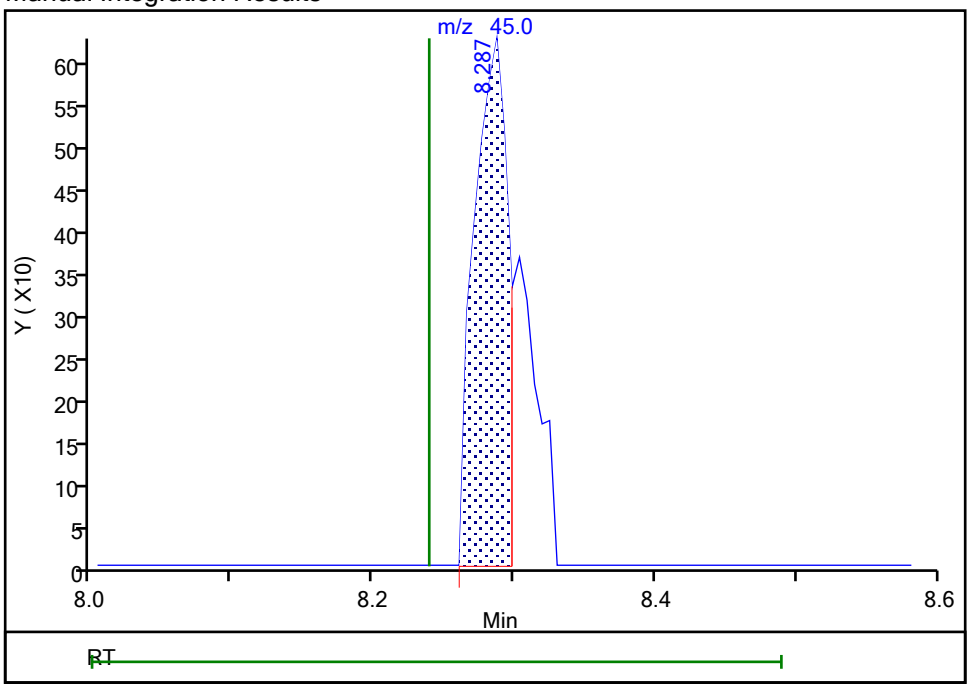
Processing Integration Results

RT: 8.29
Area: 1443
Amount: 0.131419
Amount Units: ppb v/v




Manual Integration Results

RT: 8.29
Area: 1046
Amount: 0.095263
Amount Units: ppb v/v




Reviewer: F7XK, 28-Jan-2025 15:03:52 07:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

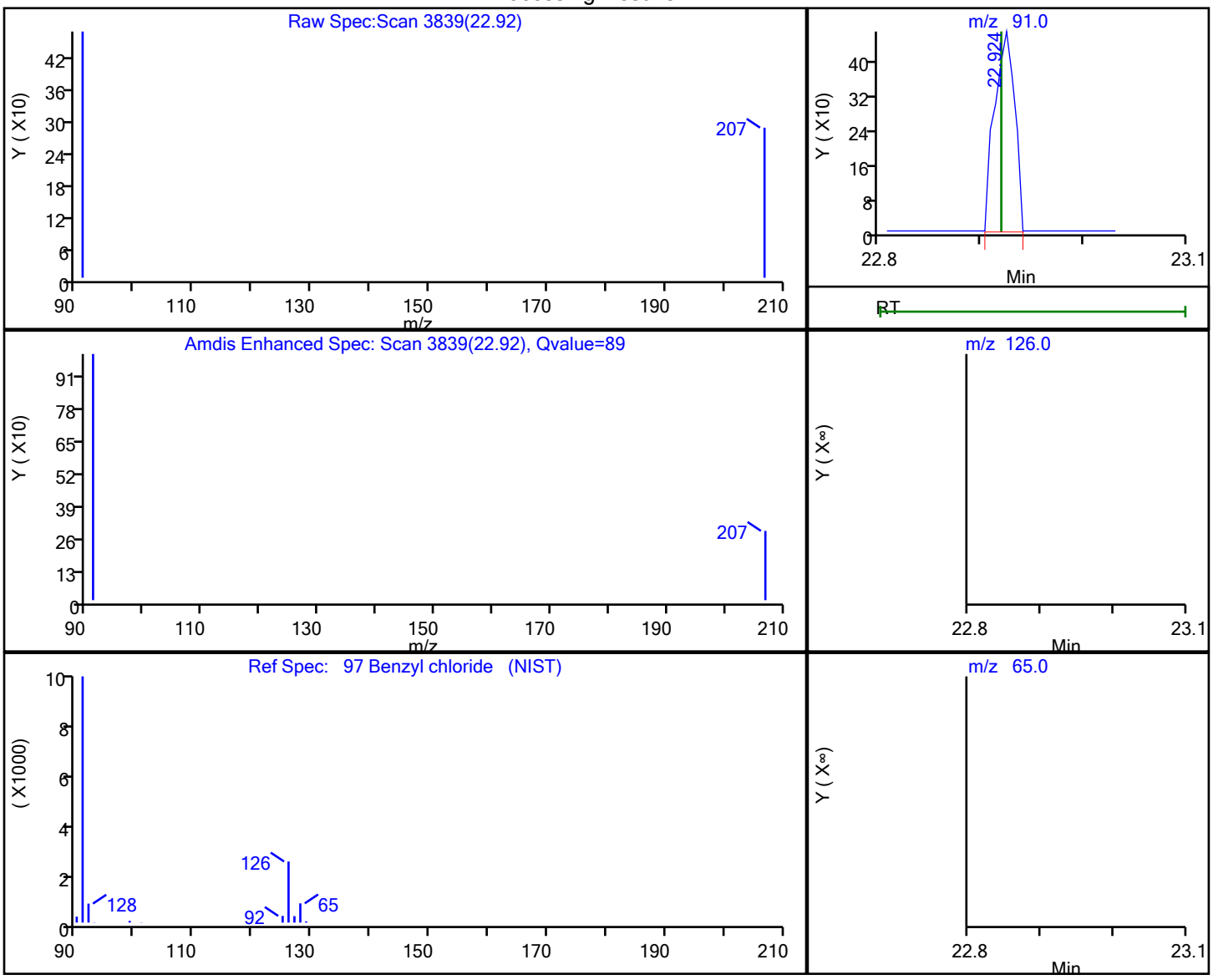
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D | | | | |
| Injection Date: | 27-Jan-2025 13:16:30 | Instrument ID: | CHX.i | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | wrd | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 97 Benzyl chloride, CAS: 100-44-7

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 22.92 | 91.00 | 639 | 0.017819 |
| 22.92 | 126.00 | 0 | |
| 22.92 | 65.00 | 0 | |

Reviewer: F7XK, 28-Jan-2025 13:47:41 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

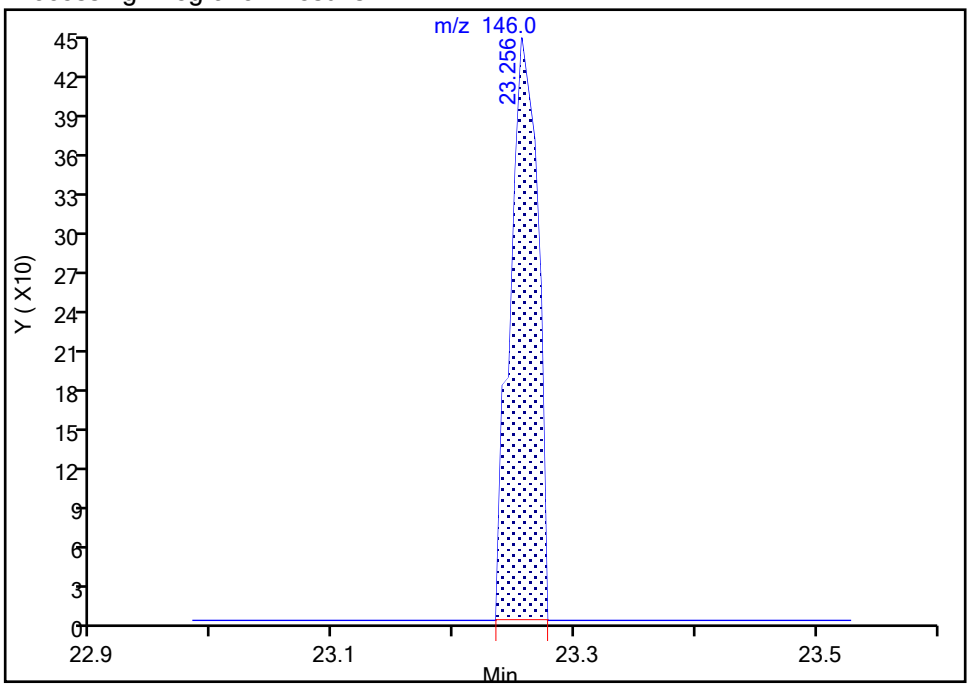
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D | | | | |
| Injection Date: | 27-Jan-2025 13:16:30 | Instrument ID: | CHX.i | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | wrd | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 99 1,2-Dichlorobenzene, CAS: 95-50-1

Signal: 1

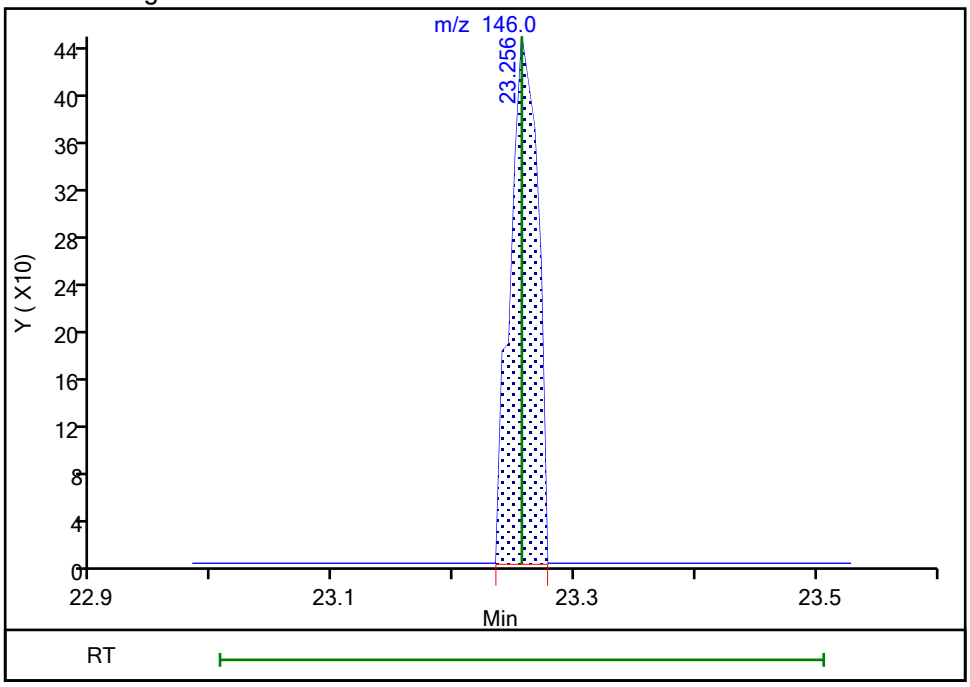
Processing Integration Results

RT: 23.26
Area: 707
Amount: 0.020825
Amount Units: ppb v/v




Manual Integration Results

RT: 23.26
Area: 707
Amount: 0.020825
Amount Units: ppb v/v




Reviewer: F7XK, 28-Jan-2025 15:04:51 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

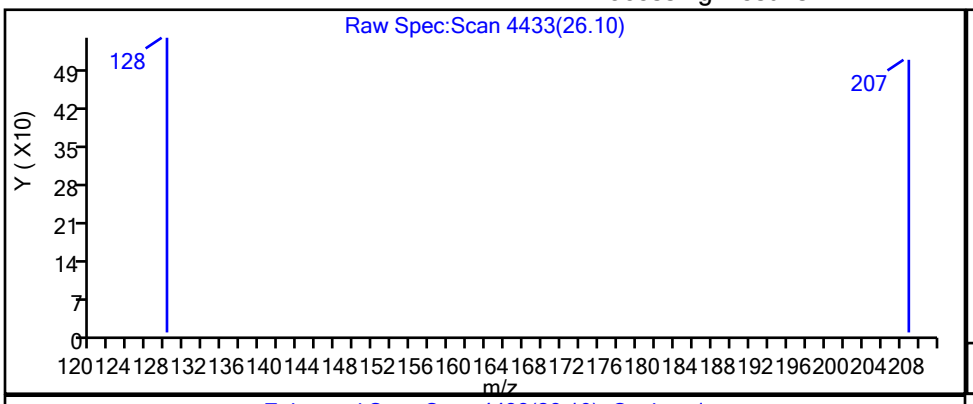
User Disabled Compound Report

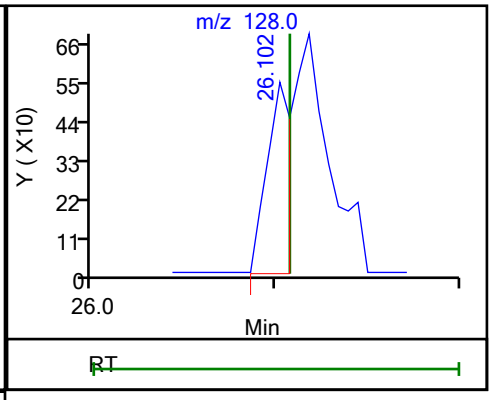
Eurofins Burlington

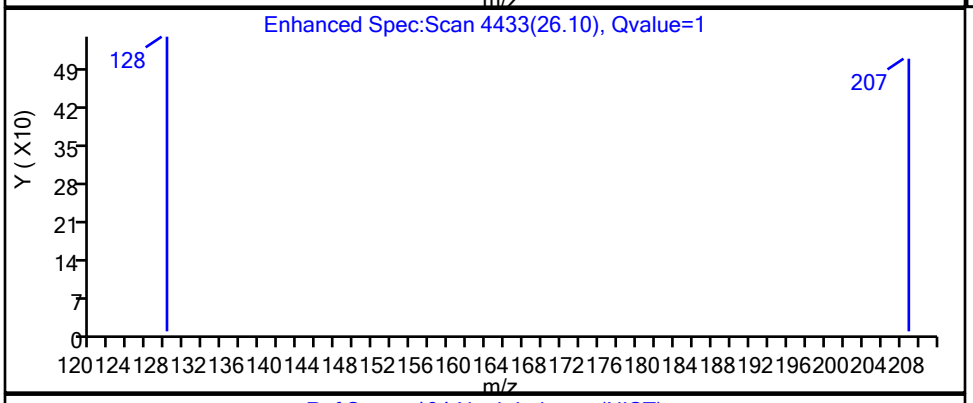
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-04.D | | | | |
| Injection Date: | 27-Jan-2025 13:16:30 | Instrument ID: | CHX.i | | |
| Lims ID: | MB | | | | |
| Client ID: | | | | | |
| Operator ID: | wrd | ALS Bottle#: | 4 | Worklist Smp#: | 4 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 1.0000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

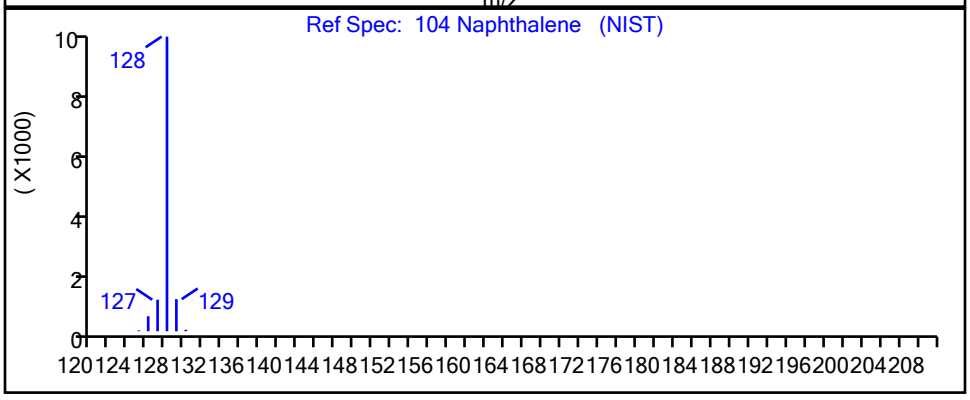
## 104 Naphthalene, CAS: 91-20-3

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 26.10 | 128.00 | 498 | 0.010153 |

Reviewer: F7XK, 28-Jan-2025 13:51:15 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab File ID: 63469_001.D BFB Injection Date: 12/20/2024

Instrument ID: CHAM.i BFB Injection Time: 14:29

Analysis Batch No.: 212331

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 21.0 | |
| 75 | 30.0 - 66.0% of mass 95 | 50.9 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 62.0 | |
| 175 | 4.0 - 9.0 % of mass 174 | 4.6 | (7.5) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 59.9 | (96.7) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.0 | (6.7) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 200-212331/4 | 63469_004.D | 12/20/2024 | 17:03 |
| | IC 200-212331/5 | 63469_005.D | 12/20/2024 | 17:54 |
| | ICIS 200-212331/9 | 63469_009.D | 12/20/2024 | 21:19 |
| | IC 200-212331/10 | 63469_010.D | 12/20/2024 | 22:10 |
| | IC 200-212331/13 | 63469_013.D | 12/21/2024 | 0:44 |
| | IC 200-212331/14 | 63469_014.D | 12/21/2024 | 1:35 |
| | IC 200-212331/15 | 63469_015.D | 12/21/2024 | 2:27 |
| | IC 200-212331/24 | 63469_024.D | 12/21/2024 | 11:06 |
| | ICV 200-212348/3 | 6379_003.D | 12/21/2024 | 15:02 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington  Job No.: 200-76527-1

SDG No.:

Lab File ID: 63648_001.D  BFB Injection Date: 01/13/2025

Instrument ID: CHAM.i  BFB Injection Time: 07:03

Analysis Batch No.: 212731

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 20.6 | |
| 75 | 30.0 - 66.0% of mass 95 | 49.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 70.3 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.3 | (7.5) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 68.9 | (98.0) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.6 | (6.7) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 200-212731/2 | 63648_002.D | 01/13/2025 | 7:52 |
| | LCS 200-212731/3 | 63648_003.D | 01/13/2025 | 8:43 |
| | MB 200-212731/4 | 63648_004.D | 01/13/2025 | 9:34 |
| 5039 | 200-76527-3 | 63648_005.D | 01/13/2025 | 10:35 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab File ID: 63758_001.D BFB Injection Date: 01/21/2025

Instrument ID: CHAN.i BFB Injection Time: 15:14

Analysis Batch No.: 213031

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 20.6 | |
| 75 | 30.0 - 66.0% of mass 95 | 49.9 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.7 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 66.8 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.5 | (8.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 65.4 | (97.9) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.2 | (6.4) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 200-213031/4 | 63758_004.D | 01/21/2025 | 17:45 |
| | IC 200-213031/6 | 63758_006.D | 01/21/2025 | 19:28 |
| | IC 200-213031/7 | 63758_007.D | 01/21/2025 | 20:20 |
| | IC 200-213031/8 | 63758_008.D | 01/21/2025 | 21:12 |
| | ICIS 200-213031/9 | 63758_009.D | 01/21/2025 | 22:03 |
| | IC 200-213031/10 | 63758_010.D | 01/21/2025 | 22:55 |
| | IC 200-213031/12 | 63758_012.D | 01/22/2025 | 0:39 |
| | IC 200-213031/20 | 63758_020.D | 01/22/2025 | 7:32 |
| | ICV 200-213031/21 | 63758_021.D | 01/22/2025 | 8:24 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab File ID: 63800_001.D BFB Injection Date: 01/25/2025

Instrument ID: CHAN.i BFB Injection Time: 10:02

Analysis Batch No.: 213150

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 22.1 | |
| 75 | 30.0 - 66.0% of mass 95 | 52.4 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.8 | |
| 173 | Less than 2.0% of mass 174 | 0.0 | (0.0) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 70.4 | |
| 175 | 4.0 - 9.0 % of mass 174 | 5.7 | (8.1) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 68.0 | (96.7) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 4.5 | (6.5) 2 |

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 200-213150/2 | 63800_002.D | 01/25/2025 | 10:49 |
| | LCS 200-213150/3 | 63800_003.D | 01/25/2025 | 11:42 |
| | MB 200-213150/5 | 63800_005.D | 01/25/2025 | 13:25 |
| 4820 | 200-76720-2 | 63800_023.D | 01/26/2025 | 5:29 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Lab File ID: 63594-01.D  BFB Injection Date: 01/06/2025

Instrument ID: CHX.i  BFB Injection Time: 16:03

Analysis Batch No.: 212577

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 13.1 | |
| 75 | 30.0 - 66.0% of mass 95 | 41.6 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.6 | |
| 173 | Less than 2.0% of mass 174 | 0.8 | (0.8) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 100.5 | |
| 175 | 4.0 - 9.0 % of mass 174 | 7.2 | (7.2) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 97.8 | (97.4) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 6.3 | (6.5) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | IC 200-212577/4 | 63594-04.D | 01/06/2025 | 18:57 |
| | IC 200-212577/6 | 63594-06.D | 01/06/2025 | 20:52 |
| | IC 200-212577/10 | 63594-10.D | 01/07/2025 | 0:42 |
| | ICIS 200-212577/11 | 63594-11.D | 01/07/2025 | 1:40 |
| | IC 200-212577/12 | 63594-12.D | 01/07/2025 | 2:38 |
| | IC 200-212577/15 | 63594-15.D | 01/07/2025 | 5:33 |
| | IC 200-212577/16 | 63594-16.D | 01/07/2025 | 6:31 |
| | IC 200-212577/21 | 63594-21.D | 01/07/2025 | 11:22 |
| | ICV 200-212577/22 | 63594-22.D | 01/07/2025 | 12:20 |

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Lab File ID: 63807-01.D  BFB Injection Date: 01/27/2025

Instrument ID: CHX.i  BFB Injection Time: 10:11

Analysis Batch No.: 213161

| M/E | ION ABUNDANCE CRITERIA | % RELATIVE ABUNDANCE | |
|---|---|---|---|
| 50 | 8.0 - 40.0% of mass 95 | 14.4 | |
| 75 | 30.0 - 66.0% of mass 95 | 43.3 | |
| 95 | Base peak, 100% relative abundance | 100.0 | |
| 96 | 5.0 - 9.0% of mass 95 | 6.5 | |
| 173 | Less than 2.0% of mass 174 | 0.7 | (0.7) 1 |
| 174 | 50.0 - 120.0% of mass 95 | 104.7 | |
| 175 | 4.0 - 9.0 % of mass 174 | 7.7 | (7.3) 1 |
| 176 | 93.0 - 101.0% of mass 174 | 101.9 | (97.3) 1 |
| 177 | 5.0 - 9.0% of mass 176 | 6.6 | (6.4) 2 |

1-Value is % mass 174  2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

| CLIENT SAMPLE ID | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|---|---|---|---|---|
| | CCVIS 200-213161/2 | 63807-02.D | 01/27/2025 | 11:19 |
| | LCS 200-213161/3 | 63807-03.D | 01/27/2025 | 12:17 |
| | MB 200-213161/4 | 63807-04.D | 01/27/2025 | 13:16 |
| 27028 | 200-76733-3 | 63807-11.D | 01/27/2025 | 20:29 |

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Sample No.: ICIS 200-212331/9 Date Analyzed: 12/20/2024 21:19

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63469_009.D Heated Purge: (Y/N) N

Calibration ID: 54228

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 253975 | 11.68 | 1234076 | 13.53 | 1121581 | 19.04 |
| UPPER LIMIT | | 355565 | 12.01 | 1727706 | 13.86 | 1570213 | 19.37 |
| LOWER LIMIT | | 152385 | 11.35 | 740446 | 13.20 | 672949 | 18.71 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 200-212348/3 | | 326653 | 11.68 | 1572110 | 13.53 | 1420915 | 19.04 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Sample No.: CCVIS 200-212731/2 Date Analyzed: 01/13/2025 07:52

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63648_002.D Heated Purge: (Y/N) N

Calibration ID: 54228

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 263885 | 11.68 | 1274642 | 13.53 | 1175487 | 19.03 |
| UPPER LIMIT | | 369439 | 12.01 | 1784499 | 13.86 | 1645682 | 19.36 |
| LOWER LIMIT | | 158331 | 11.35 | 764785 | 13.20 | 705292 | 18.70 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 200-212731/3 | | 267874 | 11.68 | 1280480 | 13.53 | 1175283 | 19.04 |
| MB 200-212731/4 | | 262885 | 11.68 | 1274462 | 13.53 | 1147025 | 19.04 |
| 200-76527-3 | 5039 | 269187 | 11.68 | 1289778 | 13.53 | 1162108 | 19.03 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Sample No.: ICIS 200-213031/9 Date Analyzed: 01/21/2025 22:03

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63758_009.D Heated Purge: (Y/N) N

Calibration ID: 54479

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 528623 | 11.54 | 2617879 | 13.38 | 2352088 | 18.85 |
| UPPER LIMIT | | 740072 | 11.87 | 3665031 | 13.71 | 3292923 | 19.18 |
| LOWER LIMIT | | 317174 | 11.21 | 1570727 | 13.05 | 1411253 | 18.52 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 200-213031/21 | | 715283 | 11.54 | 3487113 | 13.38 | 3083607 | 18.85 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Sample No.: CCVIS 200-213150/2 Date Analyzed: 01/25/2025 10:49

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63800_002.D Heated Purge: (Y/N) N

Calibration ID: 54479

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 508039 | 11.54 | 2522129 | 13.38 | 2348415 | 18.85 |
| UPPER LIMIT | | 711255 | 11.87 | 3530981 | 13.71 | 3287781 | 19.18 |
| LOWER LIMIT | | 304823 | 11.21 | 1513277 | 13.05 | 1409049 | 18.52 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 200-213150/3 | | 574839 | 11.54 | 2847344 | 13.38 | 2585633 | 18.85 |
| MB 200-213150/5 | | 609509 | 11.54 | 3004436 | 13.38 | 2616514 | 18.85 |
| 200-76720-2 | 4820 | 618567 | 11.54 | 3027442 | 13.38 | 2574260 | 18.85 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Sample No.: ICIS 200-212577/11 Date Analyzed: 01/07/2025 01:40

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63594-11.D Heated Purge: (Y/N) N

Calibration ID: 54292

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION MID-POINT | | 95177 | 11.37 | 439317 | 13.20 | 405589 | 18.64 |
| UPPER LIMIT | | 133248 | 11.70 | 615044 | 13.53 | 567825 | 18.97 |
| LOWER LIMIT | | 57106 | 11.04 | 263590 | 12.87 | 243353 | 18.31 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| ICV 200-212577/22 | | 116925 | 11.36 | 544807 | 13.19 | 515904 | 18.64 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Sample No.: CCVIS 200-213161/2 Date Analyzed: 01/27/2025 11:19

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): 63807-02.D Heated Purge: (Y/N) N

Calibration ID: 54292

| | | BCM | | DFBZ | | CBNZd5 | |
|---|---|---|---|---|---|---|---|
| | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| 12/24 HOUR STD | | 88541 | 11.37 | 400770 | 13.19 | 364919 | 18.64 |
| UPPER LIMIT | | 123957 | 11.70 | 561078 | 13.52 | 510887 | 18.97 |
| LOWER LIMIT | | 53125 | 11.04 | 240462 | 12.86 | 218951 | 18.31 |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | |
| LCS 200-213161/3 | | 77543 | 11.37 | 353809 | 13.20 | 324540 | 18.64 |
| MB 200-213161/4 | | 84473 | 11.36 | 393363 | 13.19 | 349114 | 18.64 |
| 200-76733-3 | 27028 | 69355 | 11.36 | 319539 | 13.20 | 283723 | 18.64 |

BCM = Bromochloromethane
DFBZ = 1,4-Difluorobenzene
CBNZd5 = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

# Column used to flag values outside QC limits

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Client Sample ID: 5039 Lab Sample ID: 200-76527-3

Matrix: Air Lab File ID: 63648_005.D

Analysis Method: TO-15 Date Collected: 01/09/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/13/2025 10:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 212731 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 1.0 | U | 1.0 | 1.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.10 | U | 0.10 | 0.10 |
| 75-45-6 | Freon 22 | 0.10 | U | 0.10 | 0.10 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.040 | U | 0.040 | 0.040 |
| 74-87-3 | Chloromethane | 0.10 | U | 0.10 | 0.10 |
| 106-97-8 | n-Butane | 0.10 | U | 0.10 | 0.10 |
| 75-01-4 | Vinyl chloride | 0.028 | U | 0.028 | 0.028 |
| 106-99-0 | 1,3-Butadiene | 0.040 | U | 0.040 | 0.040 |
| 74-83-9 | Bromomethane | 0.040 | U | 0.040 | 0.040 |
| 75-00-3 | Chloroethane | 0.10 | U | 0.10 | 0.10 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.040 | U | 0.040 | 0.040 |
| 75-69-4 | Trichlorofluoromethane | 0.040 | U | 0.040 | 0.040 |
| 64-17-5 | Ethanol | 1.0 | U | 1.0 | 1.0 |
| 76-13-1 | Freon TF | 0.040 | U | 0.040 | 0.040 |
| 75-35-4 | 1,1-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 67-64-1 | Acetone | 1.0 | U | 1.0 | 1.0 |
| 67-63-0 | Isopropyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.10 | U | 0.10 | 0.10 |
| 107-05-1 | 3-Chloropropene | 0.10 | U | 0.10 | 0.10 |
| 75-09-2 | Methylene Chloride | 0.10 | U | 0.10 | 0.10 |
| 75-65-0 | tert-Butyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.040 | U | 0.040 | 0.040 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.040 | U | 0.040 | 0.040 |
| 110-54-3 | n-Hexane | 0.10 | U | 0.10 | 0.10 |
| 75-34-3 | 1,1-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 108-05-4 | Vinyl acetate | 1.0 | U | 1.0 | 1.0 |
| 141-78-6 | Ethyl acetate | 1.0 | U | 1.0 | 1.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.10 | U | 0.10 | 0.10 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.080 | U | 0.080 | 0.080 |
| 67-66-3 | Chloroform | 0.040 | U | 0.040 | 0.040 |
| 109-99-9 | Tetrahydrofuran | 1.0 | U | 1.0 | 1.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Client Sample ID: 5039 Lab Sample ID: 200-76527-3

Matrix: Air Lab File ID: 63648_005.D

Analysis Method: TO-15 Date Collected: 01/09/2025 00:00

Sample wt/vol: 1000(mL) Date Analyzed: 01/13/2025 10:35

Soil Aliquot Vol: Dilution Factor: 0.2

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: Heated Purge: (Y/N) pH:

% Moisture: % Solids: Level: (low/med) Low

Analysis Batch No.: 212731 Units: ppb v/v

Preparation Batch No.: Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 110-82-7 | Cyclohexane | 0.040 | U | 0.040 | 0.040 |
| 56-23-5 | Carbon tetrachloride | 0.028 | U | 0.028 | 0.028 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.040 | U | 0.040 | 0.040 |
| 71-43-2 | Benzene | 0.040 | U | 0.040 | 0.040 |
| 107-06-2 | 1,2-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 142-82-5 | n-Heptane | 0.040 | U | 0.040 | 0.040 |
| 79-01-6 | Trichloroethene | 0.028 | U | 0.028 | 0.028 |
| 80-62-6 | Methyl methacrylate | 0.10 | U | 0.10 | 0.10 |
| 78-87-5 | 1,2-Dichloropropane | 0.040 | U | 0.040 | 0.040 |
| 123-91-1 | 1,4-Dioxane | 1.0 | U | 1.0 | 1.0 |
| 75-27-4 | Bromodichloromethane | 0.040 | U | 0.040 | 0.040 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 108-10-1 | methyl isobutyl ketone | 0.10 | U | 0.10 | 0.10 |
| 108-88-3 | Toluene | 0.040 | U | 0.040 | 0.040 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 127-18-4 | Tetrachloroethene | 0.040 | U | 0.040 | 0.040 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.10 | U | 0.10 | 0.10 |
| 124-48-1 | Dibromochloromethane | 0.040 | U | 0.040 | 0.040 |
| 106-93-4 | 1,2-Dibromoethane | 0.040 | U | 0.040 | 0.040 |
| 108-90-7 | Chlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-41-4 | Ethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 179601-23-1 | m,p-Xylene | 0.10 | U | 0.10 | 0.10 |
| 95-47-6 | Xylene, o- | 0.040 | U | 0.040 | 0.040 |
| 1330-20-7 | Xylene (total) | 0.14 | U | 0.14 | 0.14 |
| 100-42-5 | Styrene | 0.040 | U | 0.040 | 0.040 |
| 75-25-2 | Bromoform | 0.040 | U | 0.040 | 0.040 |
| 98-82-8 | Cumene | 0.040 | U | 0.040 | 0.040 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.040 | U | 0.040 | 0.040 |
| 103-65-1 | n-Propylbenzene | 0.040 | U | 0.040 | 0.040 |
| 622-96-8 | 4-Ethyltoluene | 0.040 | U | 0.040 | 0.040 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76527-1

SDG No.:

Client Sample ID: 5039  Lab Sample ID: 200-76527-3

Matrix: Air  Lab File ID: 63648_005.D

Analysis Method: TO-15  Date Collected: 01/09/2025 00:00

Sample wt/vol: 1000(mL)  Date Analyzed: 01/13/2025 10:35

Soil Aliquot Vol:  Dilution Factor: 0.2

Soil Extract Vol.:  GC Column: RTX-624 ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 212731  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAM.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-49-8 | 2-Chlorotoluene | 0.040 | U | 0.040 | 0.040 |
| 98-06-6 | tert-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 135-98-8 | sec-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 99-87-6 | 4-Isopropyltoluene | 0.040 | U | 0.040 | 0.040 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-44-7 | Benzyl chloride | 0.040 | U | 0.040 | 0.040 |
| 104-51-8 | n-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.10 | U | 0.10 | 0.10 |
| 87-68-3 | Hexachlorobutadiene | 0.040 | U | 0.040 | 0.040 |
| 91-20-3 | Naphthalene | 0.10 | U | 0.10 | 0.10 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_005.D
Lims ID: 200-76527-A-3
Client ID: 5039
Sample Type: Client
Inject. Date: 13-Jan-2025 10:35:56 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063648-005
Misc. Info.: |76527-3
Operator ID: vtp Instrument ID: CHAM.i

Method: \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\TO15_TO3_Master_Method_AM1.m
Limit Group: AI_TO15_ICAL
Last Update: 14-Jan-2025 07:33:13 Calib Date: 21-Dec-2024 11:06:39
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAM.i\20241220-63469.b\63469_024.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1667

First Level Reviewer: YWL8 Date: 14-Jan-2025 07:33:13

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 1 Propene | 41 | | 4.273 | | | | ND | 7 |
| | 2 Dichlorodifluoromethane | 85 | | 4.374 | | | | ND | |
| | 3 Chlorodifluoromethane | 51 | | 4.423 | | | | ND | |
| | 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.744 | | | | ND | |
| | 5 Chloromethane | 50 | | 4.872 | | | | ND | 7 |
| | 7 Butane | 43 | | 5.177 | | | | ND | 7 |
| | 6 Vinyl chloride | 62 | | 5.177 | | | | ND | |
| | 8 Butadiene | 54 | | 5.295 | | | | ND | |
| | 9 Bromomethane | 94 | | 6.044 | | | | ND | |
| | 10 Chloroethane | 64 | | 6.327 | | | | ND | |
| | 13 Vinyl bromide | 106 | | 6.755 | | | | ND | |
| | 14 Trichlorofluoromethane | 101 | | 6.921 | | | | ND | |
| | 16 Ethanol | 45 | | 7.327 | | | | ND | |
| | 20 1,1-Dichloroethene | 96 | | 8.007 | | | | ND | |
| | 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.044 | | | | ND | |
| | 22 Acetone | 43 | | 8.098 | | | | ND | 7 |
| | 23 Isopropyl alcohol | 45 | | 8.403 | | | | ND | |
| | 24 Carbon disulfide | 76 | 8.408 | 8.413 | -0.005 | 97 | 5350 | 0.0441 | |
| | 26 3-Chloro-1-propene | 41 | | 8.718 | | | | ND | 7 |
| | 27 Methylene Chloride | 49 | | 8.959 | | | | ND | 7 |
| | 28 2-Methyl-2-propanol | 59 | | 9.189 | | | | ND | |
| | 30 trans-1,2-Dichloroethene | 61 | | 9.457 | | | | ND | |
| | 31 Methyl tert-butyl ether | 73 | | 9.462 | | | | ND | |
| | 32 Hexane | 57 | | 9.965 | | | | ND | |
| S | 35 1,2-Dichloroethene, Total | 61 | | 10.200 | | | | ND | 7 |
| | 33 1,1-Dichloroethane | 63 | | 10.243 | | | | ND | |
| | 34 Vinyl acetate | 43 | | 10.254 | | | | ND | |
| | 36 2-Butanone (MEK) | 72 | | 11.238 | | | | ND | |
| | 37 cis-1,2-Dichloroethene | 96 | | 11.260 | | | | ND | |
| | 38 Ethyl acetate | 88 | | 11.308 | | | | ND | |
| * | 39 Chlorobromomethane | 128 | 11.677 | 11.677 | 0.000 | 98 | 269187 | 10.0 | |

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 40 Tetrahydrofuran | 42 | | 11.709 | | | | ND | |
| | 41 Chloroform | 83 | | 11.859 | | | | ND | |
| | 42 1,1,1-Trichloroethane | 97 | | 12.153 | | | | ND | |
| | 43 Cyclohexane | 84 | | 12.281 | | | | ND | |
| | 44 Carbon tetrachloride | 117 | | 12.431 | | | | ND | |
| | 45 Benzene | 78 | | 12.784 | | | | ND | 7 |
| | 46 1,2-Dichloroethane | 62 | | 12.870 | | | | ND | |
| | 47 Isooctane | 57 | | 12.993 | | | | ND | |
| | 48 n-Heptane | 43 | | 13.303 | | | | ND | 7 |
| * | 49 1,4-Difluorobenzene | 114 | 13.528 | 13.528 | 0.000 | 96 | 1289778 | 10.0 | |
| | 51 Trichloroethene | 95 | | 13.961 | | | | ND | |
| | 53 1,2-Dichloropropane | 63 | | 14.432 | | | | ND | |
| | 54 Methyl methacrylate | 69 | | 14.512 | | | | ND | |
| | 55 1,4-Dioxane | 88 | | 14.560 | | | | ND | |
| | 57 Dibromomethane | 174 | | 14.587 | | | | ND | 7 |
| | 58 Dichlorobromomethane | 83 | | 14.903 | | | | ND | |
| | 59 cis-1,3-Dichloropropene | 75 | | 15.705 | | | | ND | |
| | 61 4-Methyl-2-pentanone (MIBK) | 43 | | 15.973 | | | | ND | |
| | 62 Toluene | 92 | | 16.342 | | | | ND | |
| | 66 trans-1,3-Dichloropropene | 75 | | 16.770 | | | | ND | |
| | 67 1,1,2-Trichloroethane | 83 | | 17.150 | | | | ND | |
| | 68 Tetrachloroethene | 166 | | 17.332 | | | | ND | |
| | 69 2-Hexanone | 43 | | 17.562 | | | | ND | |
| | 70 Chlorodibromomethane | 129 | | 17.888 | | | | ND | |
| | 71 Ethylene Dibromide | 107 | | 18.123 | | | | ND | |
| * | 73 Chlorobenzene-d5 | 117 | 19.033 | 19.033 | 0.000 | 90 | 1162108 | 10.0 | |
| | 74 Chlorobenzene | 112 | | 19.092 | | | | ND | |
| | 75 Ethylbenzene | 91 | | 19.279 | | | | ND | MU |
| | 76 m-Xylene & p-Xylene | 106 | | 19.541 | | | | ND | |
| S | 80 Xylenes, Total | 106 | | 20.100 | | | | ND | 7 |
| | 78 o-Xylene | 106 | | 20.311 | | | | ND | |
| | 79 Styrene | 104 | | 20.349 | | | | ND | |
| | 81 Bromoform | 173 | | 20.691 | | | | ND | |
| | 82 Isopropylbenzene | 105 | | 20.980 | | | | ND | |
| | 83 1,1,2,2-Tetrachloroethane | 83 | | 21.504 | | | | ND | 7 |
| | 85 N-Propylbenzene | 91 | | 21.681 | | | | ND | |
| | 86 2-Chlorotoluene | 91 | | 21.831 | | | | ND | |
| | 87 4-Ethyltoluene | 105 | | 21.873 | | | | ND | |
| | 88 1,3,5-Trimethylbenzene | 105 | | 21.964 | | | | ND | |
| | 91 tert-Butylbenzene | 119 | | 22.441 | | | | ND | |
| | 92 1,2,4-Trimethylbenzene | 105 | | 22.526 | | | | ND | |
| | 93 sec-Butylbenzene | 105 | | 22.762 | | | | ND | |
| | 94 1,3-Dichlorobenzene | 146 | | 22.938 | | | | ND | 7 |
| | 95 4-Isopropyltoluene | 119 | | 22.970 | | | | ND | |
| | 96 1,4-Dichlorobenzene | 146 | | 23.077 | | | | ND | 7 |
| | 97 Benzyl chloride | 91 | | 23.232 | | | | ND | 7 |
| | 98 n-Butylbenzene | 91 | | 23.537 | | | | ND | |
| | 99 1,2-Dichlorobenzene | 146 | | 23.580 | | | | ND | 7 |
| | 102 1,2,4-Trichlorobenzene | 180 | | 26.078 | | | | ND | |
| | 103 Hexachlorobutadiene | 225 | | 26.325 | | | | ND | |
| | 104 Naphthalene | 128 | | 26.576 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

## Reagents:

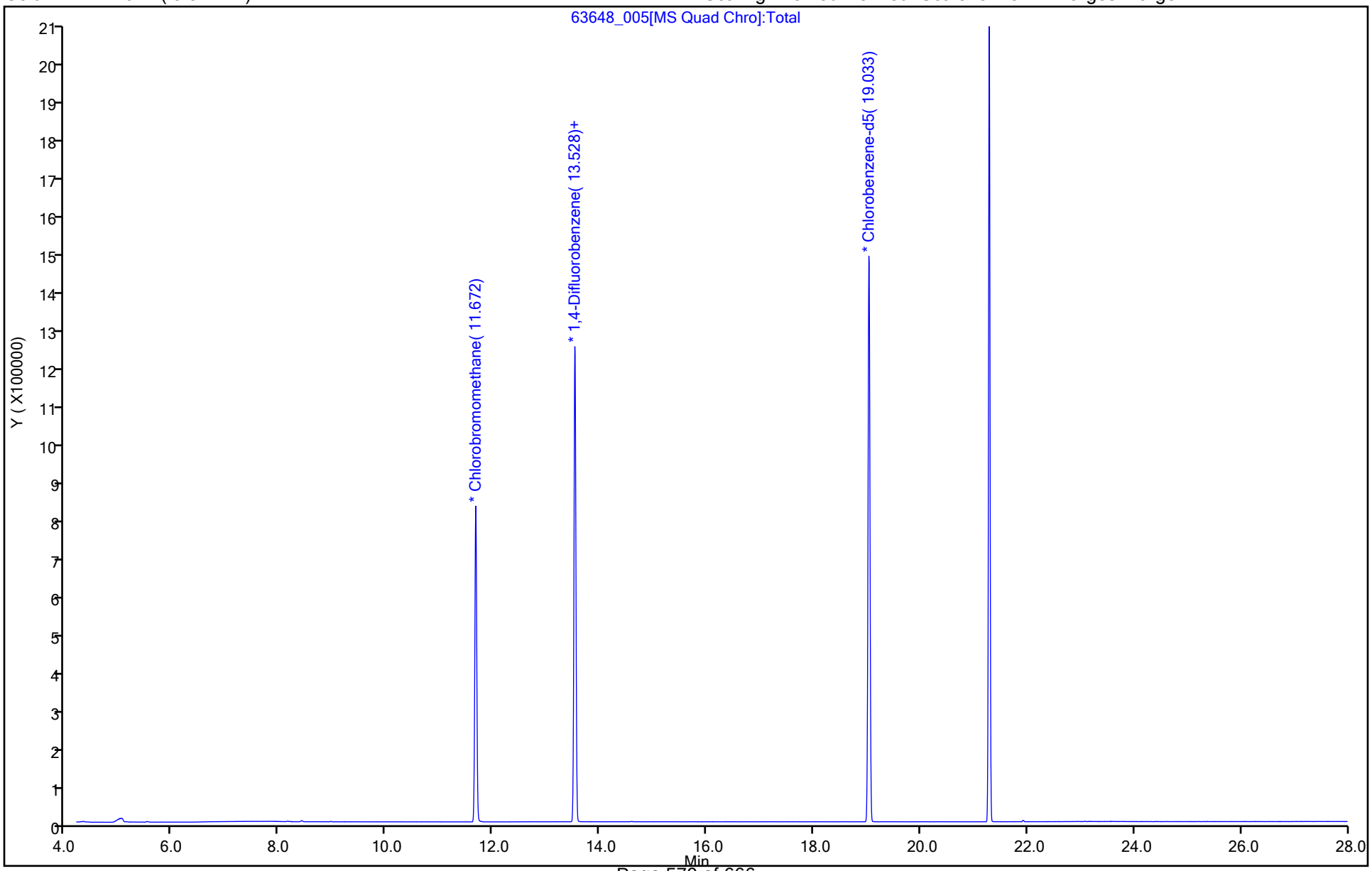
| | | | | |
|---|---|---|---|---|
| ATTO15AMISs_00004 | Amount Added: | 20.00 | Units: mL | Run Reagent |

Report Date: 14-Jan-2025 07:33:14 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_005.D | | | | |
| Injection Date: | 13-Jan-2025 10:35:56 | Instrument ID: | CHAM.i | Operator ID: | vtp |
| Lims ID: | 200-76527-A-3 | Lab Sample ID: | 200-76527-3 | Worklist Smp#: | 5 |
| Client ID: | 5039 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | ALS Bottle#: | 4 |
| Method: | TO15_TO3_Master_Method_AM1 | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



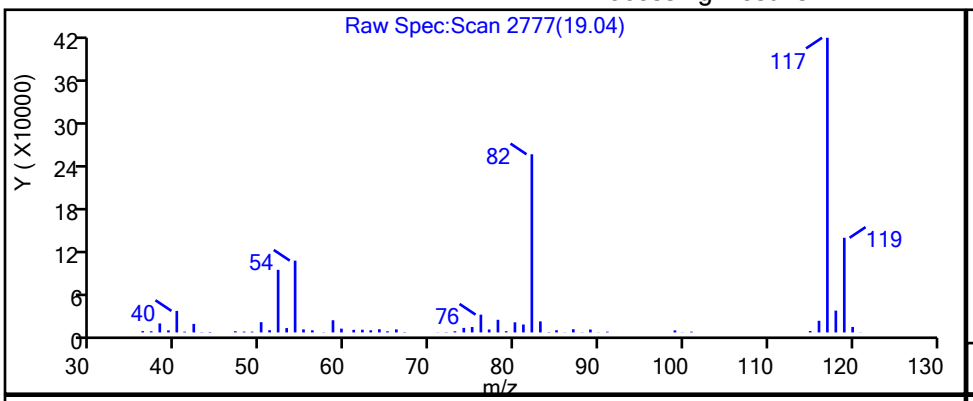
User Disabled Compound Report

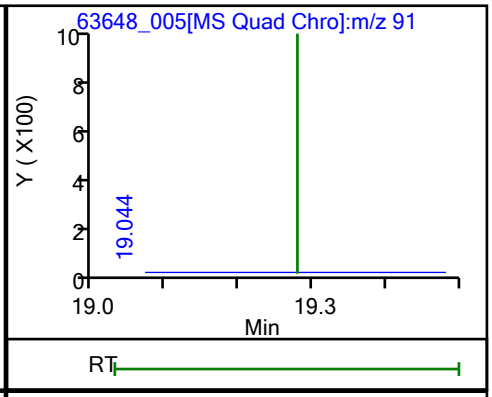
Eurofins Burlington

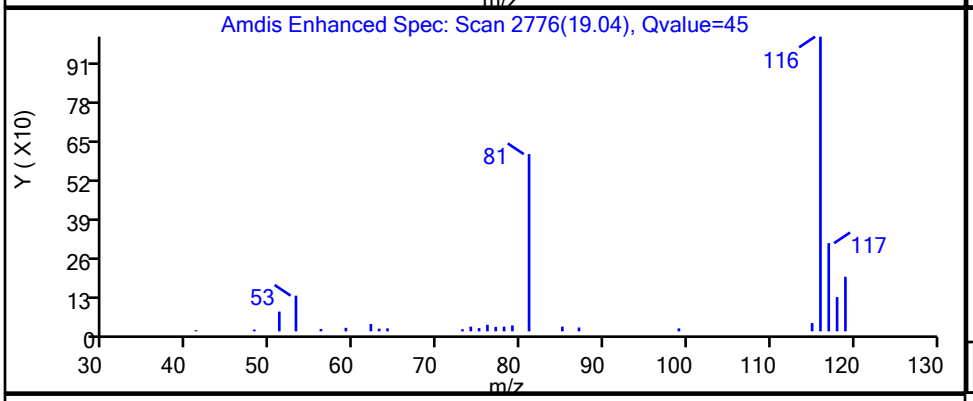
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAM.i\20250113-63648.b\63648_005.D | | | | |
| Injection Date: | 13-Jan-2025 10:35:56 | Instrument ID: | CHAM.i | | |
| Lims ID: | 200-76527-A-3 | Lab Sample ID: | 200-76527-3 | | |
| Client ID: | 5039 | | | | |
| Operator ID: | vtp | ALS Bottle#: | 4 | Worklist Smp#: | 5 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_TO3_Master_Method_AM1 | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

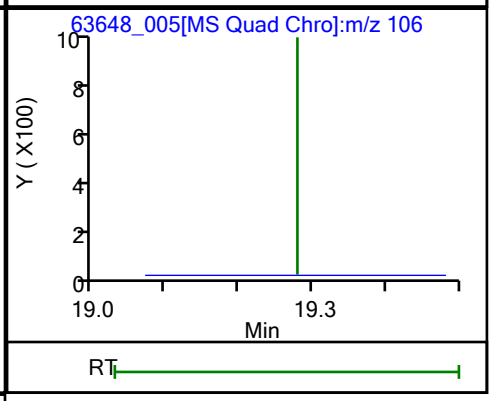
## 75 Ethylbenzene, CAS: 100-41-4

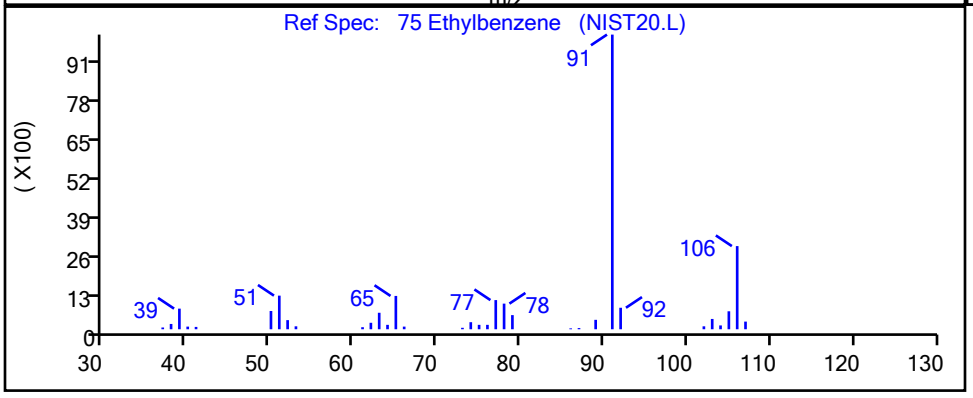
Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 19.04 | 91.00 | 2485 | 0.013217 |
| 19.28 | 106.00 | 0 | |

Reviewer: YWL8, 14-Jan-2025 07:33:04 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID: 4820  Lab Sample ID: 200-76720-2

Matrix: Air  Lab File ID: 63800_023.D

Analysis Method: TO-15  Date Collected: 01/24/2025 00:00

Sample wt/vol: 1000(mL)  Date Analyzed: 01/26/2025 05:29

Soil Aliquot Vol:  Dilution Factor: 0.2

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 1.0 | U | 1.0 | 1.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.10 | U | 0.10 | 0.10 |
| 75-45-6 | Freon 22 | 0.10 | U | 0.10 | 0.10 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.040 | U | 0.040 | 0.040 |
| 74-87-3 | Chloromethane | 0.10 | U | 0.10 | 0.10 |
| 106-97-8 | n-Butane | 0.10 | U | 0.10 | 0.10 |
| 75-01-4 | Vinyl chloride | 0.028 | U | 0.028 | 0.028 |
| 106-99-0 | 1,3-Butadiene | 0.040 | U | 0.040 | 0.040 |
| 74-83-9 | Bromomethane | 0.040 | U | 0.040 | 0.040 |
| 75-00-3 | Chloroethane | 0.10 | U | 0.10 | 0.10 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.040 | U | 0.040 | 0.040 |
| 75-69-4 | Trichlorofluoromethane | 0.040 | U | 0.040 | 0.040 |
| 64-17-5 | Ethanol | 1.0 | U | 1.0 | 1.0 |
| 76-13-1 | Freon TF | 0.040 | U | 0.040 | 0.040 |
| 75-35-4 | 1,1-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 67-64-1 | Acetone | 1.0 | U | 1.0 | 1.0 |
| 67-63-0 | Isopropyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.10 | U | 0.10 | 0.10 |
| 107-05-1 | 3-Chloropropene | 0.10 | U | 0.10 | 0.10 |
| 75-09-2 | Methylene Chloride | 0.10 | U | 0.10 | 0.10 |
| 75-65-0 | tert-Butyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.040 | U | 0.040 | 0.040 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.040 | U | 0.040 | 0.040 |
| 110-54-3 | n-Hexane | 0.10 | U | 0.10 | 0.10 |
| 75-34-3 | 1,1-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 108-05-4 | Vinyl acetate | 1.0 | U | 1.0 | 1.0 |
| 141-78-6 | Ethyl acetate | 1.0 | U | 1.0 | 1.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.10 | U | 0.10 | 0.10 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.080 | U | 0.080 | 0.080 |
| 67-66-3 | Chloroform | 0.040 | U | 0.040 | 0.040 |
| 109-99-9 | Tetrahydrofuran | 1.0 | U | 1.0 | 1.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID: 4820  Lab Sample ID: 200-76720-2

Matrix: Air  Lab File ID: 63800_023.D

Analysis Method: TO-15  Date Collected: 01/24/2025 00:00

Sample wt/vol: 1000(mL)  Date Analyzed: 01/26/2025 05:29

Soil Aliquot Vol:  Dilution Factor: 0.2

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 110-82-7 | Cyclohexane | 0.040 | U | 0.040 | 0.040 |
| 56-23-5 | Carbon tetrachloride | 0.028 | U | 0.028 | 0.028 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.040 | U | 0.040 | 0.040 |
| 71-43-2 | Benzene | 0.040 | U | 0.040 | 0.040 |
| 107-06-2 | 1,2-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 142-82-5 | n-Heptane | 0.040 | U | 0.040 | 0.040 |
| 79-01-6 | Trichloroethene | 0.028 | U | 0.028 | 0.028 |
| 80-62-6 | Methyl methacrylate | 0.10 | U | 0.10 | 0.10 |
| 78-87-5 | 1,2-Dichloropropane | 0.040 | U | 0.040 | 0.040 |
| 123-91-1 | 1,4-Dioxane | 1.0 | U | 1.0 | 1.0 |
| 75-27-4 | Bromodichloromethane | 0.040 | U | 0.040 | 0.040 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 108-10-1 | methyl isobutyl ketone | 0.10 | U | 0.10 | 0.10 |
| 108-88-3 | Toluene | 0.040 | U | 0.040 | 0.040 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 127-18-4 | Tetrachloroethene | 0.040 | U | 0.040 | 0.040 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.10 | U | 0.10 | 0.10 |
| 124-48-1 | Dibromochloromethane | 0.040 | U | 0.040 | 0.040 |
| 106-93-4 | 1,2-Dibromoethane | 0.040 | U | 0.040 | 0.040 |
| 108-90-7 | Chlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-41-4 | Ethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 179601-23-1 | m,p-Xylene | 0.10 | U | 0.10 | 0.10 |
| 95-47-6 | Xylene, o- | 0.040 | U | 0.040 | 0.040 |
| 1330-20-7 | Xylene (total) | 0.14 | U | 0.14 | 0.14 |
| 100-42-5 | Styrene | 0.040 | U | 0.040 | 0.040 |
| 75-25-2 | Bromoform | 0.040 | U | 0.040 | 0.040 |
| 98-82-8 | Cumene | 0.040 | U | 0.040 | 0.040 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.040 | U | 0.040 | 0.040 |
| 103-65-1 | n-Propylbenzene | 0.040 | U | 0.040 | 0.040 |
| 622-96-8 | 4-Ethyltoluene | 0.040 | U | 0.040 | 0.040 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76720-1

SDG No.:

Client Sample ID: 4820  Lab Sample ID: 200-76720-2

Matrix: Air  Lab File ID: 63800_023.D

Analysis Method: TO-15  Date Collected: 01/24/2025 00:00

Sample wt/vol: 1000(mL)  Date Analyzed: 01/26/2025 05:29

Soil Aliquot Vol:  Dilution Factor: 0.2

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213150  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHAN.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-49-8 | 2-Chlorotoluene | 0.040 | U | 0.040 | 0.040 |
| 98-06-6 | tert-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 135-98-8 | sec-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 99-87-6 | 4-Isopropyltoluene | 0.040 | U | 0.040 | 0.040 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-44-7 | Benzyl chloride | 0.040 | U | 0.040 | 0.040 |
| 104-51-8 | n-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.10 | U | 0.10 | 0.10 |
| 87-68-3 | Hexachlorobutadiene | 0.040 | U | 0.040 | 0.040 |
| 91-20-3 | Naphthalene | 0.10 | U | 0.10 | 0.10 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_023.D
Lims ID: 200-76720-A-2
Client ID: 4820
Sample Type: Client
Inject. Date: 26-Jan-2025 05:29:46 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063800-023
Misc. Info.: 76720-2
Operator ID: wrd Instrument ID: CHAN.i

Method: \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\TO15_TO3_Master_Method_AN.m
Limit Group: AI_TO15_ICAL
Last Update: 26-Jan-2025 21:55:53 Calib Date: 22-Jan-2025 07:32:45
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20250121-63758.b\63758_020.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1723

First Level Reviewer: YWL8 Date: 26-Jan-2025 21:55:53

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 1 Propene | 41 | | 4.348 | | | | ND | 7 |
| | 2 Dichlorodifluoromethane | 85 | | 4.449 | | | | ND | 7 |
| | 3 Chlorodifluoromethane | 51 | | 4.492 | | | | ND | 7 |
| | 4 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.813 | | | | ND | |
| | 5 Chloromethane | 50 | | 4.925 | | | | ND | 7 |
| | 6 Vinyl chloride | 62 | | 5.225 | | | | ND | |
| | 7 Butane | 43 | | 5.230 | | | | ND | 7 |
| | 8 Butadiene | 54 | | 5.337 | | | | ND | 7 |
| | 9 Bromomethane | 94 | | 6.060 | | | | ND | |
| | 10 Chloroethane | 64 | | 6.327 | | | | ND | |
| | 13 Vinyl bromide | 106 | | 6.750 | | | | ND | |
| | 14 Trichlorofluoromethane | 101 | | 6.916 | | | | ND | 7 |
| | 16 Ethanol | 45 | 7.317 | 7.317 | 0.048 | 99 | 4123 | 0.1019 | M |
| | 20 1,1-Dichloroethene | 96 | | 7.969 | | | | ND | MU |
| | 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 8.012 | | | | ND | |
| | 22 Acetone | 43 | | 8.028 | | | | ND | 7 |
| | 23 Isopropyl alcohol | 45 | | 8.317 | | | | ND | 7 |
| | 24 Carbon disulfide | 76 | | 8.371 | | | | ND | 7 |
| | 26 3-Chloro-1-propene | 41 | | 8.654 | | | | ND | 7 |
| | 27 Methylene Chloride | 49 | | 8.884 | | | | ND | 7 |
| | 28 2-Methyl-2-propanol | 59 | | 9.082 | | | | ND | |
| | 30 trans-1,2-Dichloroethene | 61 | | 9.382 | | | | ND | |
| | 31 Methyl tert-butyl ether | 73 | | 9.387 | | | | ND | |
| | 32 Hexane | 57 | | 9.906 | | | | ND | |
| | 33 1,1-Dichloroethane | 63 | | 10.141 | | | | ND | |
| | 34 Vinyl acetate | 43 | | 10.147 | | | | ND | |
| S | 35 1,2-Dichloroethene, Total | 61 | | 10.200 | | | | ND | 7 |
| | 36 2-Butanone (MEK) | 72 | | 11.099 | | | | ND | 7 |
| | 37 cis-1,2-Dichloroethene | 96 | | 11.131 | | | | ND | 7 |
| | 38 Ethyl acetate | 88 | | 11.185 | | | | ND | |
| * | 39 Chlorobromomethane | 128 | 11.538 | 11.538 | 0.000 | 98 | 618567 | 10.0 | |

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 40 Tetrahydrofuran | 42 | | 11.586 | | | | ND | |
| | 41 Chloroform | 83 | | 11.714 | | | | ND | |
| | 42 1,1,1-Trichloroethane | 97 | | 12.035 | | | | ND | 7 |
| | 43 Cyclohexane | 84 | | 12.180 | | | | ND | |
| | 44 Carbon tetrachloride | 117 | | 12.313 | | | | ND | |
| | 45 Benzene | 78 | 12.661 | 12.661 | 0.010 | 79 | 2101 | 0.009390 | 7M |
| | 46 1,2-Dichloroethane | 62 | | 12.715 | | | | ND | |
| | 47 Isooctane | 57 | | 12.886 | | | | ND | |
| | 48 n-Heptane | 43 | | 13.191 | | | | ND | 7 |
| * | 49 1,4-Difluorobenzene | 114 | 13.378 | 13.383 | -0.005 | 96 | 3027442 | 10.0 | |
| | 51 Trichloroethene | 95 | | 13.817 | | | | ND | |
| | 53 1,2-Dichloropropane | 63 | | 14.266 | | | | ND | |
| | 54 Methyl methacrylate | 69 | | 14.352 | | | | ND | |
| | 55 1,4-Dioxane | 88 | | 14.395 | | | | ND | |
| | 57 Dibromomethane | 174 | | 14.421 | | | | ND | 7 |
| | 58 Dichlorobromomethane | 83 | | 14.726 | | | | ND | |
| | 59 cis-1,3-Dichloropropene | 75 | | 15.534 | | | | ND | |
| | 61 4-Methyl-2-pentanone (MIBK) | 43 | | 15.785 | | | | ND | |
| | 62 Toluene | 92 | | 16.181 | | | | ND | 7 |
| | 66 trans-1,3-Dichloropropene | 75 | | 16.577 | | | | ND | |
| | 67 1,1,2-Trichloroethane | 83 | | 16.952 | | | | ND | |
| | 68 Tetrachloroethene | 166 | | 17.176 | | | | ND | |
| | 69 2-Hexanone | 43 | | 17.364 | | | | ND | |
| | 70 Chlorodibromomethane | 129 | | 17.690 | | | | ND | |
| | 71 Ethylene Dibromide | 107 | | 17.936 | | | | ND | |
| * | 73 Chlorobenzene-d5 | 117 | 18.851 | 18.851 | 0.000 | 89 | 2574260 | 10.0 | |
| | 74 Chlorobenzene | 112 | | 18.910 | | | | ND | |
| | 75 Ethylbenzene | 91 | | 19.108 | | | | ND | |
| | 76 m-Xylene & p-Xylene | 106 | | 19.370 | | | | ND | |
| S | 80 Xylenes, Total | 106 | | 20.100 | | | | ND | 7 |
| | 78 o-Xylene | 106 | | 20.135 | | | | ND | |
| | 79 Styrene | 104 | | 20.172 | | | | ND | |
| | 81 Bromoform | 173 | | 20.504 | | | | ND | |
| | 82 Isopropylbenzene | 105 | | 20.830 | | | | ND | |
| | 83 1,1,2,2-Tetrachloroethane | 83 | | 21.323 | | | | ND | 7 |
| | 85 N-Propylbenzene | 91 | | 21.537 | | | | ND | |
| | 86 2-Chlorotoluene | 91 | | 21.681 | | | | ND | |
| | 87 4-Ethyltoluene | 105 | | 21.734 | | | | ND | |
| | 88 1,3,5-Trimethylbenzene | 105 | | 21.831 | | | | ND | |
| | 91 tert-Butylbenzene | 119 | | 22.307 | | | | ND | |
| | 92 1,2,4-Trimethylbenzene | 105 | | 22.392 | | | | ND | |
| | 93 sec-Butylbenzene | 105 | | 22.633 | | | | ND | |
| | 94 1,3-Dichlorobenzene | 146 | | 22.799 | | | | ND | |
| | 95 4-Isopropyltoluene | 119 | | 22.847 | | | | ND | |
| | 96 1,4-Dichlorobenzene | 146 | | 22.938 | | | | ND | |
| | 97 Benzyl chloride | 91 | | 23.083 | | | | ND | |
| | 98 n-Butylbenzene | 91 | | 23.404 | | | | ND | |
| | 99 1,2-Dichlorobenzene | 146 | | 23.430 | | | | ND | |
| | 102 1,2,4-Trichlorobenzene | 180 | | 25.875 | | | | ND | |
| | 103 Hexachlorobutadiene | 225 | | 26.132 | | | | ND | |
| | 104 Naphthalene | 128 | | 26.351 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

## Reagents:

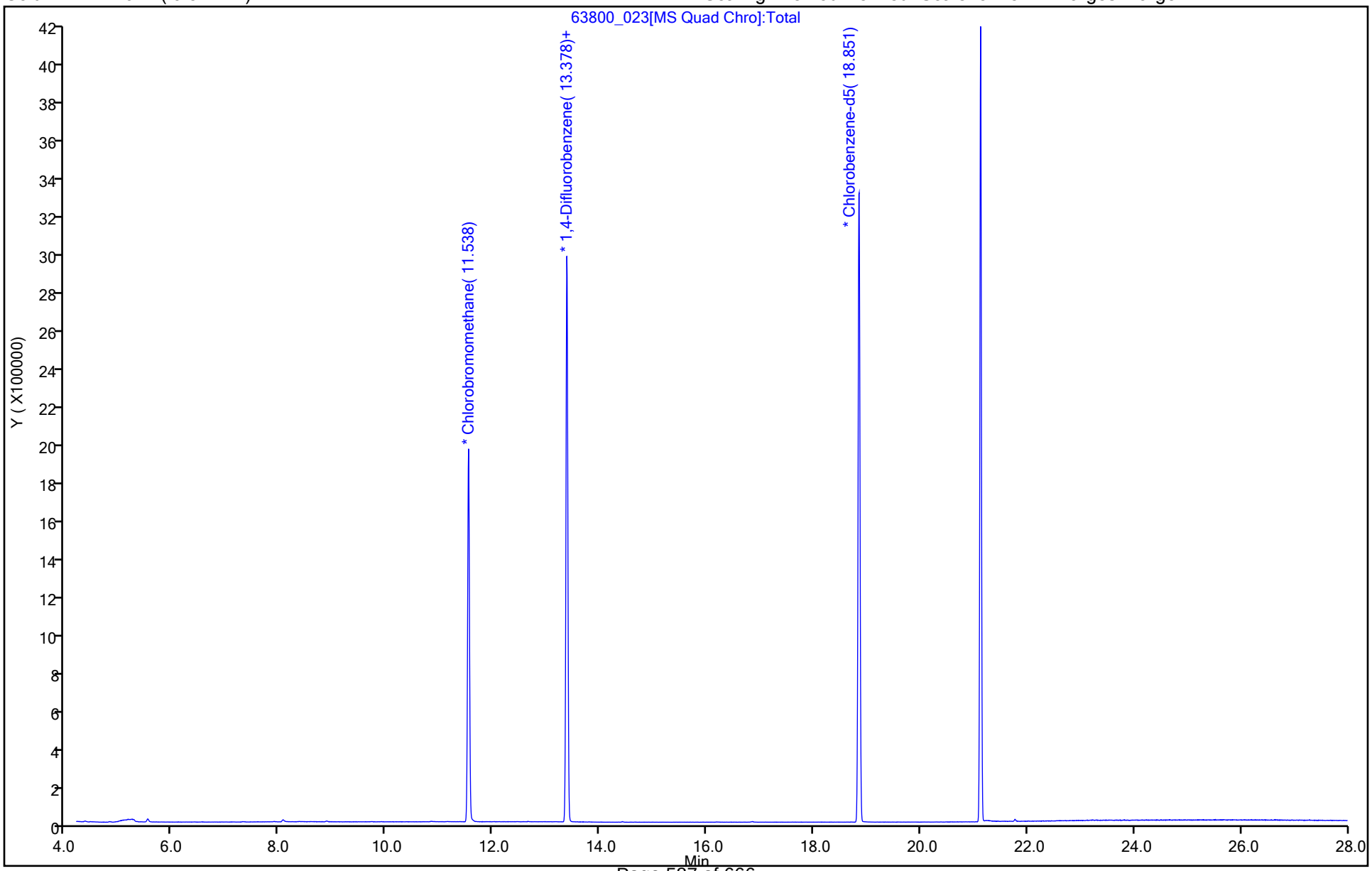
ATTO15CISs_00012 Amount Added: 20.00 Units: mL Run Reagent

Report Date: 26-Jan-2025 21:55:53 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_023.D | | | | |
| Injection Date: | 26-Jan-2025 05:29:46 | Instrument ID: | CHAN.i | Operator ID: | wrd |
| Lims ID: | 200-76720-A-2 | Lab Sample ID: | 200-76720-2 | Worklist Smp#: | 23 |
| Client ID: | 4820 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | ALS Bottle#: | 22 |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Burlington

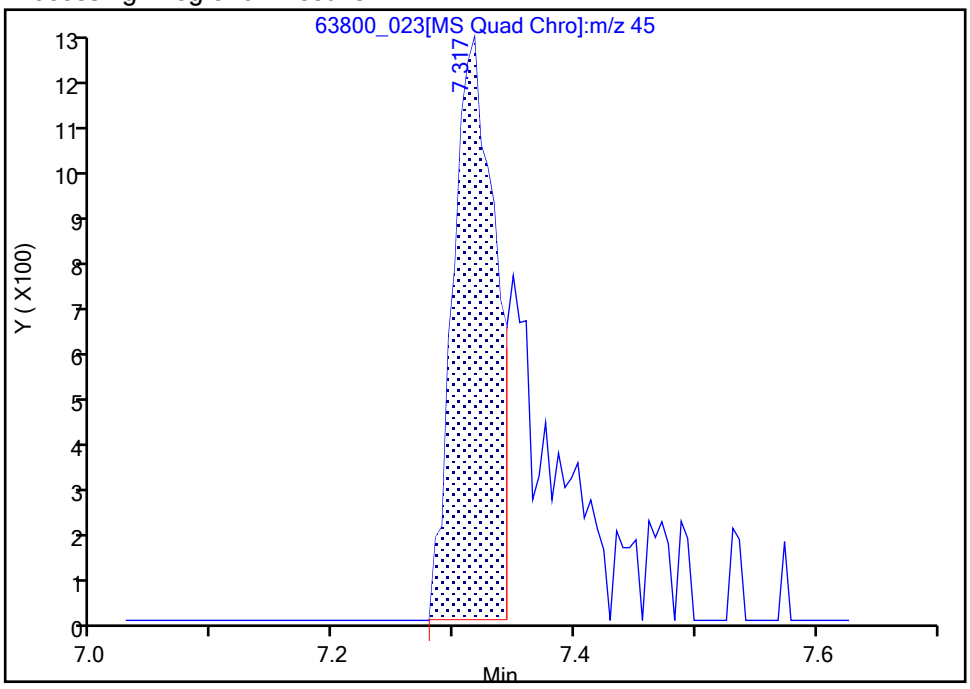
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_023.D | | | | |
| Injection Date: | 26-Jan-2025 05:29:46 | Instrument ID: | CHAN.i | | |
| Lims ID: | 200-76720-A-2 | Lab Sample ID: | 200-76720-2 | | |
| Client ID: | 4820 | | | | |
| Operator ID: | wrd | ALS Bottle#: | 22 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 16 Ethanol, CAS: 64-17-5

Signal: 1

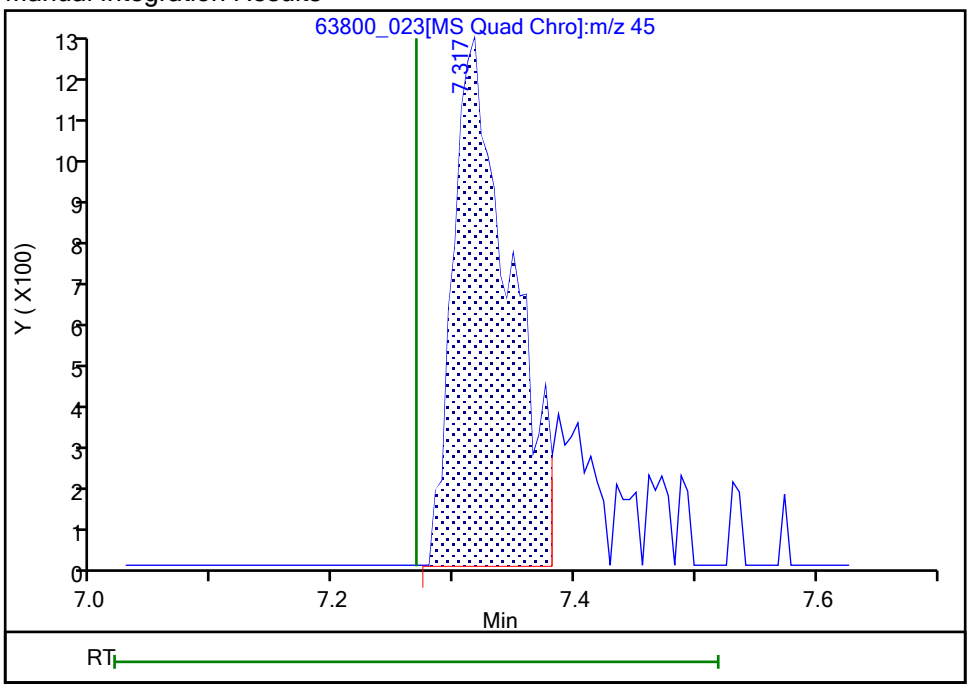
Processing Integration Results

RT: 7.32
Area: 3065
Amount: 0.075742
Amount Units: ppb v/v




Manual Integration Results

RT: 7.32
Area: 4123
Amount: 0.101887
Amount Units: ppb v/v




Reviewer: YWL8, 26-Jan-2025 21:55:14 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

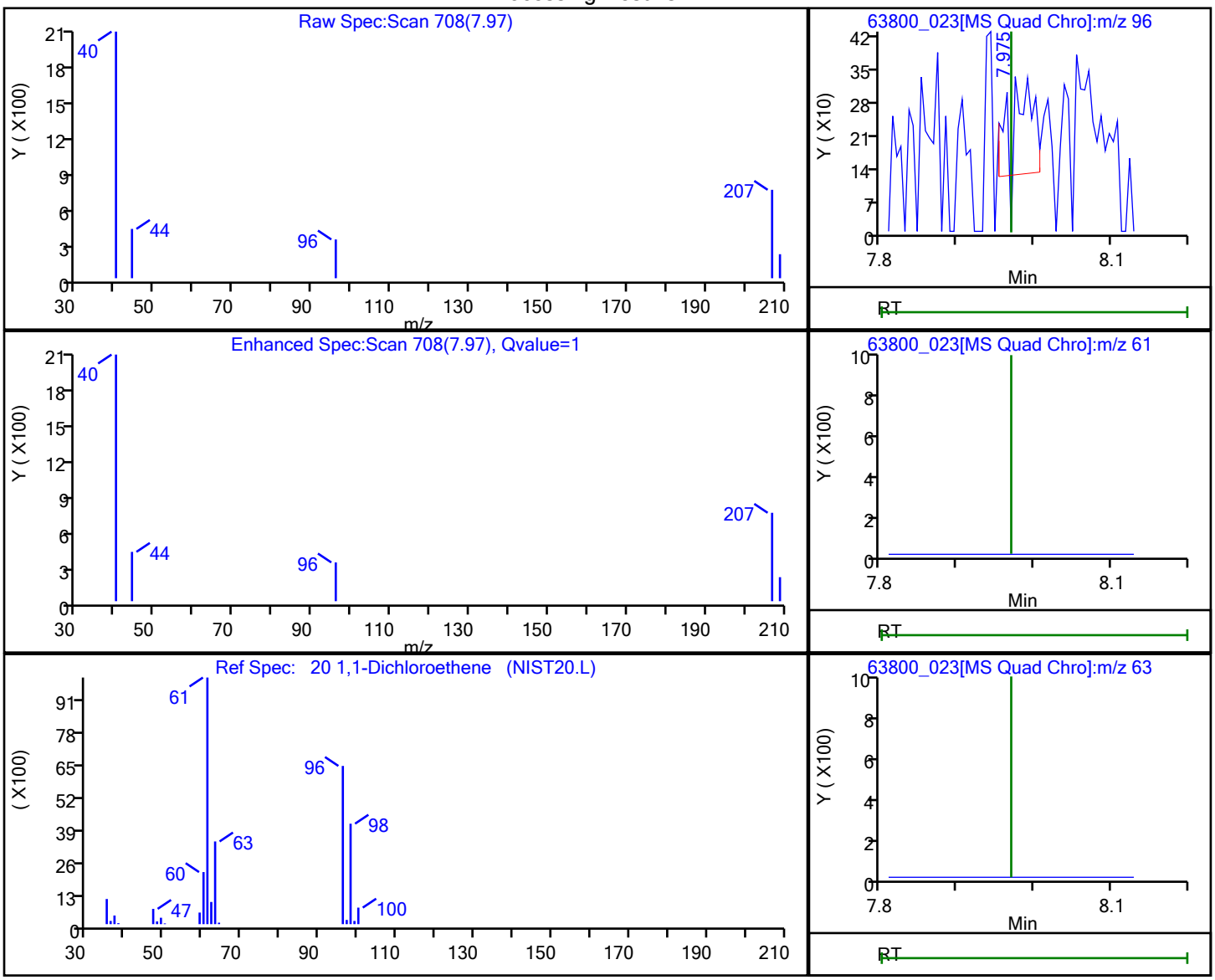
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_023.D | | | | |
| Injection Date: | 26-Jan-2025 05:29:46 | Instrument ID: | CHAN.i | | |
| Lims ID: | 200-76720-A-2 | Lab Sample ID: | 200-76720-2 | | |
| Client ID: | 4820 | | | | |
| Operator ID: | wrd | ALS Bottle#: | 22 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.97 | 96.00 | 400 | 0.005961 |
| 7.97 | 61.00 | 0 | |
| 7.97 | 63.00 | 0 | |

Reviewer: YWL8, 26-Jan-2025 21:55:17 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Burlington

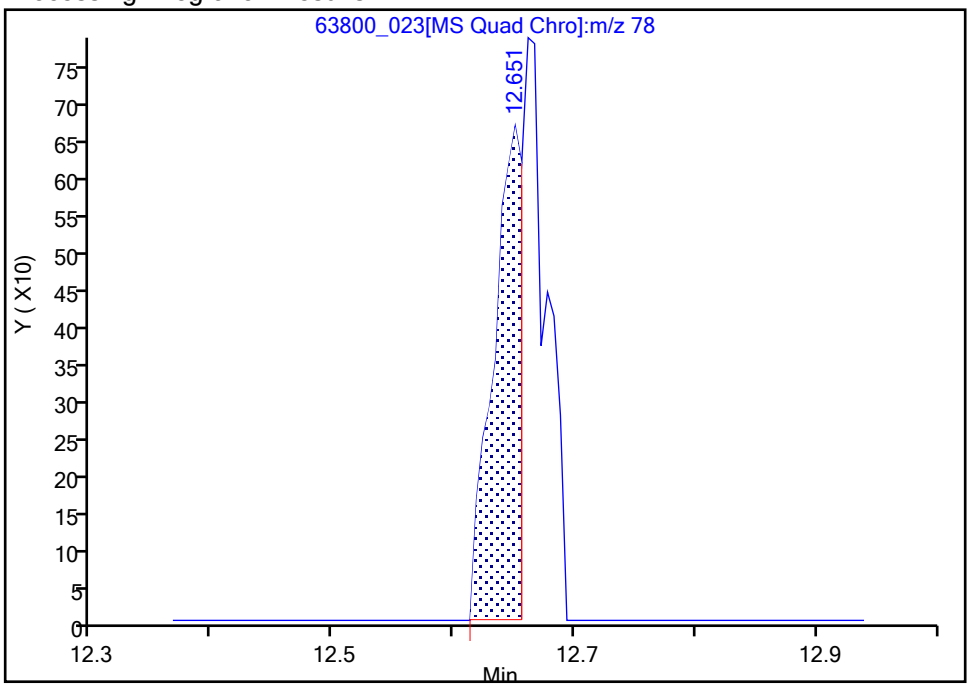
| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHAN.i\20250125-63800.b\63800_023.D | | | | |
| Injection Date: | 26-Jan-2025 05:29:46 | Instrument ID: | CHAN.i | | |
| Lims ID: | 200-76720-A-2 | Lab Sample ID: | 200-76720-2 | | |
| Client ID: | 4820 | | | | |
| Operator ID: | wrd | ALS Bottle#: | 22 | Worklist Smp#: | 23 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_TO3_Master_Method_AN | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 45 Benzene, CAS: 71-43-2

Signal: 1

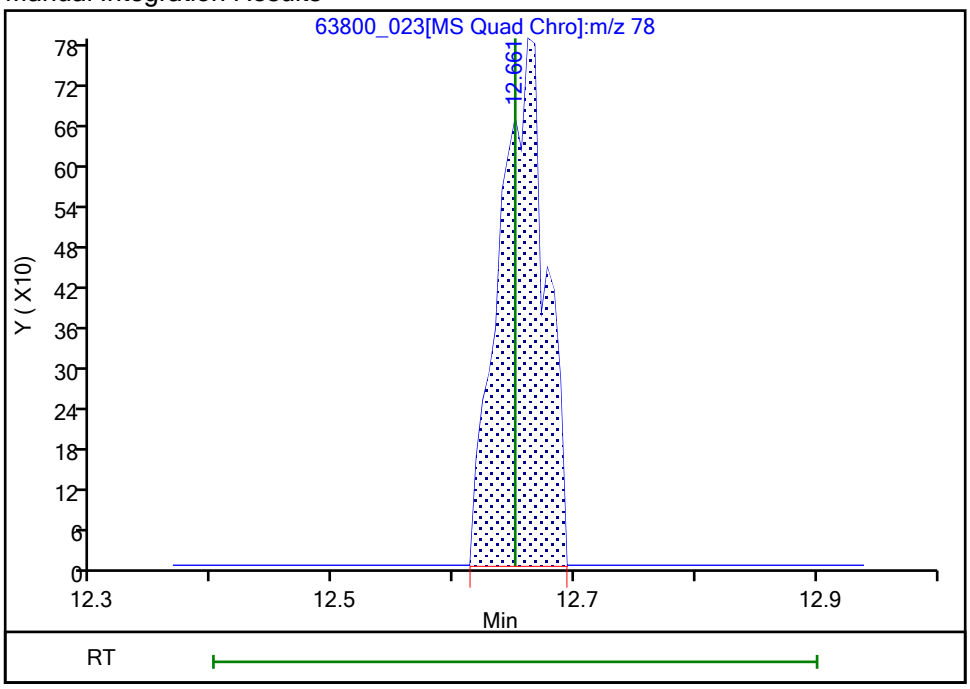
Processing Integration Results

RT: 12.65
Area: 1122
Amount: 0.005015
Amount Units: ppb v/v




Manual Integration Results

RT: 12.66
Area: 2101
Amount: 0.009390
Amount Units: ppb v/v




Reviewer: YWL8, 26-Jan-2025 21:55:37 07:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76733-1

SDG No.:

Client Sample ID: 27028 | Lab Sample ID: 200-76733-3

Matrix: Air | Lab File ID: 63807-11.D

Analysis Method: TO-15 | Date Collected: 01/25/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/27/2025 20:29

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213161 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 115-07-1 | Propylene | 1.0 | U | 1.0 | 1.0 |
| 75-71-8 | Dichlorodifluoromethane | 0.10 | U | 0.10 | 0.10 |
| 75-45-6 | Freon 22 | 0.10 | U | 0.10 | 0.10 |
| 76-14-2 | 1,2-Dichlorotetrafluoroethane | 0.040 | U | 0.040 | 0.040 |
| 74-87-3 | Chloromethane | 0.10 | U | 0.10 | 0.10 |
| 106-97-8 | n-Butane | 0.10 | U | 0.10 | 0.10 |
| 75-01-4 | Vinyl chloride | 0.028 | U | 0.028 | 0.028 |
| 106-99-0 | 1,3-Butadiene | 0.040 | U | 0.040 | 0.040 |
| 74-83-9 | Bromomethane | 0.040 | U | 0.040 | 0.040 |
| 75-00-3 | Chloroethane | 0.10 | U | 0.10 | 0.10 |
| 593-60-2 | Bromoethene(Vinyl Bromide) | 0.040 | U | 0.040 | 0.040 |
| 75-69-4 | Trichlorofluoromethane | 0.040 | U | 0.040 | 0.040 |
| 64-17-5 | Ethanol | 1.0 | U | 1.0 | 1.0 |
| 76-13-1 | Freon TF | 0.040 | U | 0.040 | 0.040 |
| 75-35-4 | 1,1-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 67-64-1 | Acetone | 1.0 | U | 1.0 | 1.0 |
| 67-63-0 | Isopropyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 75-15-0 | Carbon disulfide | 0.10 | U | 0.10 | 0.10 |
| 107-05-1 | 3-Chloropropene | 0.10 | U | 0.10 | 0.10 |
| 75-09-2 | Methylene Chloride | 0.10 | U | 0.10 | 0.10 |
| 75-65-0 | tert-Butyl alcohol | 1.0 | U | 1.0 | 1.0 |
| 1634-04-4 | Methyl tert-butyl ether | 0.040 | U | 0.040 | 0.040 |
| 156-60-5 | trans-1,2-Dichloroethene | 0.040 | U | 0.040 | 0.040 |
| 110-54-3 | n-Hexane | 0.10 | U | 0.10 | 0.10 |
| 75-34-3 | 1,1-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 108-05-4 | Vinyl acetate | 1.0 | U | 1.0 | 1.0 |
| 141-78-6 | Ethyl acetate | 1.0 | U | 1.0 | 1.0 |
| 78-93-3 | Methyl Ethyl Ketone | 0.10 | U | 0.10 | 0.10 |
| 156-59-2 | cis-1,2-Dichloroethene | 0.028 | U | 0.028 | 0.028 |
| 540-59-0 | 1,2-Dichloroethene, Total | 0.080 | U | 0.080 | 0.080 |
| 67-66-3 | Chloroform | 0.040 | U | 0.040 | 0.040 |
| 109-99-9 | Tetrahydrofuran | 1.0 | U | 1.0 | 1.0 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington | Job No.: 200-76733-1

SDG No.:

Client Sample ID: 27028 | Lab Sample ID: 200-76733-3

Matrix: Air | Lab File ID: 63807-11.D

Analysis Method: TO-15 | Date Collected: 01/25/2025 00:00

Sample wt/vol: 1000(mL) | Date Analyzed: 01/27/2025 20:29

Soil Aliquot Vol: | Dilution Factor: 0.2

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

Purge Volume: | Heated Purge: (Y/N) pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 213161 | Units: ppb v/v

Preparation Batch No.: | Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 71-55-6 | 1,1,1-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 110-82-7 | Cyclohexane | 0.040 | U | 0.040 | 0.040 |
| 56-23-5 | Carbon tetrachloride | 0.028 | U | 0.028 | 0.028 |
| 540-84-1 | 2,2,4-Trimethylpentane | 0.040 | U | 0.040 | 0.040 |
| 71-43-2 | Benzene | 0.040 | U | 0.040 | 0.040 |
| 107-06-2 | 1,2-Dichloroethane | 0.040 | U | 0.040 | 0.040 |
| 142-82-5 | n-Heptane | 0.040 | U | 0.040 | 0.040 |
| 79-01-6 | Trichloroethene | 0.028 | U | 0.028 | 0.028 |
| 80-62-6 | Methyl methacrylate | 0.10 | U | 0.10 | 0.10 |
| 78-87-5 | 1,2-Dichloropropane | 0.040 | U | 0.040 | 0.040 |
| 123-91-1 | 1,4-Dioxane | 1.0 | U | 1.0 | 1.0 |
| 75-27-4 | Bromodichloromethane | 0.040 | U | 0.040 | 0.040 |
| 10061-01-5 | cis-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 108-10-1 | methyl isobutyl ketone | 0.10 | U | 0.10 | 0.10 |
| 108-88-3 | Toluene | 0.040 | U | 0.040 | 0.040 |
| 10061-02-6 | trans-1,3-Dichloropropene | 0.040 | U | 0.040 | 0.040 |
| 79-00-5 | 1,1,2-Trichloroethane | 0.040 | U | 0.040 | 0.040 |
| 127-18-4 | Tetrachloroethene | 0.040 | U | 0.040 | 0.040 |
| 591-78-6 | Methyl Butyl Ketone (2-Hexanone) | 0.10 | U | 0.10 | 0.10 |
| 124-48-1 | Dibromochloromethane | 0.040 | U | 0.040 | 0.040 |
| 106-93-4 | 1,2-Dibromoethane | 0.040 | U | 0.040 | 0.040 |
| 108-90-7 | Chlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-41-4 | Ethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 179601-23-1 | m,p-Xylene | 0.10 | U | 0.10 | 0.10 |
| 95-47-6 | Xylene, o- | 0.040 | U | 0.040 | 0.040 |
| 1330-20-7 | Xylene (total) | 0.14 | U | 0.14 | 0.14 |
| 100-42-5 | Styrene | 0.040 | U | 0.040 | 0.040 |
| 75-25-2 | Bromoform | 0.040 | U | 0.040 | 0.040 |
| 98-82-8 | Cumene | 0.040 | U | 0.040 | 0.040 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 0.040 | U | 0.040 | 0.040 |
| 103-65-1 | n-Propylbenzene | 0.040 | U | 0.040 | 0.040 |
| 622-96-8 | 4-Ethyltoluene | 0.040 | U | 0.040 | 0.040 |

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Client Sample ID: 27028  Lab Sample ID: 200-76733-3

Matrix: Air  Lab File ID: 63807-11.D

Analysis Method: TO-15  Date Collected: 01/25/2025 00:00

Sample wt/vol: 1000(mL)  Date Analyzed: 01/27/2025 20:29

Soil Aliquot Vol:  Dilution Factor: 0.2

Soil Extract Vol.:  GC Column: RTX-624  ID: 0.32(mm)

Purge Volume:  Heated Purge: (Y/N)  pH:

% Moisture:  % Solids:  Level: (low/med) Low

Analysis Batch No.: 213161  Units: ppb v/v

Preparation Batch No.:  Instrument ID: CHX.i

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | RL |
|---|---|---|---|---|---|
| 108-67-8 | 1,3,5-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-49-8 | 2-Chlorotoluene | 0.040 | U | 0.040 | 0.040 |
| 98-06-6 | tert-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 0.040 | U | 0.040 | 0.040 |
| 135-98-8 | sec-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 99-87-6 | 4-Isopropyltoluene | 0.040 | U | 0.040 | 0.040 |
| 541-73-1 | 1,3-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 106-46-7 | 1,4-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 100-44-7 | Benzyl chloride | 0.040 | U | 0.040 | 0.040 |
| 104-51-8 | n-Butylbenzene | 0.040 | U | 0.040 | 0.040 |
| 95-50-1 | 1,2-Dichlorobenzene | 0.040 | U | 0.040 | 0.040 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 0.10 | U | 0.10 | 0.10 |
| 87-68-3 | Hexachlorobutadiene | 0.040 | U *+ | 0.040 | 0.040 |
| 91-20-3 | Naphthalene | 0.10 | U | 0.10 | 0.10 |

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-11.D
Lims ID: 200-76733-A-3
Client ID: 27028
Sample Type: Client
Inject. Date: 27-Jan-2025 20:29:30 ALS Bottle#: 11 Worklist Smp#: 29
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Sample Info: 200-0063807-011
Operator ID: wrd Instrument ID: CHX.i

Method: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\TO15_MasterMethod_X.m.m
Limit Group: AI_TO15_ICAL
Last Update: 28-Jan-2025 15:16:22 Calib Date: 07-Jan-2025 11:22:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Burlington\ChromData\CHX.i\20250106-63594.b\63594-21.D

Column 1 : RTX-624 ( 0.32 mm) Det: MS SCAN
Process Host: CTX1694

First Level Reviewer: F7XK Date: 28-Jan-2025 14:30:15

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 1 Propene | 41 | | 4.238 | | | | ND | |
| | 3 Dichlorodifluoromethane | 85 | | 4.334 | | | | ND | |
| | 4 Chlorodifluoromethane | 51 | | 4.377 | | | | ND | |
| | 5 1,2-Dichloro-1,1,2,2-tetrafluoro | 85 | | 4.687 | | | | ND | |
| | 6 Chloromethane | 50 | | 4.800 | | | | ND | |
| | 7 Vinyl chloride | 62 | | 5.104 | | | | ND | |
| | 8 Butane | 43 | | 5.110 | | | | ND | |
| | 9 Butadiene | 54 | | 5.222 | | | | ND | |
| | 10 Bromomethane | 94 | | 5.918 | | | | ND | |
| | 12 Chloroethane | 64 | | 6.180 | | | | ND | |
| | 14 Vinyl bromide | 106 | | 6.597 | | | | ND | |
| | 15 Trichlorofluoromethane | 101 | | 6.763 | | | | ND | |
| | 17 Ethanol | 45 | | 7.185 | | | | ND | MU |
| | 20 1,1-Dichloroethene | 96 | | 7.811 | | | | ND | |
| | 21 1,1,2-Trichloro-1,2,2-trifluoroe | 101 | | 7.854 | | | | ND | |
| | 22 Acetone | 43 | | 7.913 | | | | ND | |
| | 24 Carbon disulfide | 76 | 8.218 | 8.209 | 0.005 | 96 | 2134 | 0.0953 | |
| | 23 Isopropyl alcohol | 45 | | 8.239 | | | | ND | MU |
| | 27 3-Chloro-1-propene | 41 | | 8.502 | | | | ND | |
| | 28 Methylene Chloride | 49 | | 8.732 | | | | ND | |
| | 29 2-Methyl-2-propanol | 59 | | 9.026 | | | | ND | |
| | 32 trans-1,2-Dichloroethene | 61 | | 9.224 | | | | ND | |
| | 31 Methyl tert-butyl ether | 73 | | 9.250 | | | | ND | |
| S | 33 1,2-Dichloroethene, Total | 61 | | 9.665 | | | | ND | 7 |
| | 34 Hexane | 57 | | 9.721 | | | | ND | |
| | 36 1,1-Dichloroethane | 63 | | 9.978 | | | | ND | |
| | 35 Vinyl acetate | 43 | | 9.994 | | | | ND | |
| | 37 2-Butanone (MEK) | 72 | | 10.946 | | | | ND | |
| | 38 cis-1,2-Dichloroethene | 96 | | 10.968 | | | | ND | |
| | 39 Ethyl acetate | 88 | | 11.037 | | | | ND | |
| * | 40 Chlorobromomethane | 128 | 11.364 | 11.369 | -0.005 | 71 | 69355 | 10.0 | |
| | 41 Tetrahydrofuran | 42 | | 11.433 | | | | ND | |

| | Compound | Sig | RT (min.) | Adj RT (min.) | Dlt RT (min.) | Q | Response | OnCol Amt ppb v/v | Flags |
|---|---|---|---|---|---|---|---|---|---|
| | 42 Chloroform | 83 | | 11.546 | | | | ND | |
| | 43 1,1,1-Trichloroethane | 97 | | 11.845 | | | | ND | |
| | 44 Cyclohexane | 84 | | 11.984 | | | | ND | |
| | 45 Carbon tetrachloride | 117 | | 12.129 | | | | ND | |
| | 46 Benzene | 78 | | 12.466 | | | | ND | |
| | 47 1,2-Dichloroethane | 62 | | 12.535 | | | | ND | |
| | 48 Isooctane | 57 | | 12.680 | | | | ND | |
| | 49 n-Heptane | 43 | | 12.985 | | | | ND | |
| * | 50 1,4-Difluorobenzene | 114 | 13.199 | 13.193 | 0.006 | 92 | 319539 | 10.0 | |
| | 52 Trichloroethene | 95 | | 13.627 | | | | ND | |
| | 55 1,2-Dichloropropane | 63 | | 14.076 | | | | ND | |
| | 56 Methyl methacrylate | 69 | | 14.172 | | | | ND | |
| | 58 Dibromomethane | 174 | | 14.231 | | | | ND | |
| | 57 1,4-Dioxane | 88 | | 14.263 | | | | ND | |
| | 59 Dichlorobromomethane | 83 | | 14.541 | | | | ND | |
| | 60 cis-1,3-Dichloropropene | 75 | | 15.338 | | | | ND | |
| | 62 4-Methyl-2-pentanone (MIBK) | 43 | | 15.622 | | | | ND | |
| | 63 Toluene | 92 | | 15.975 | | | | ND | |
| | 67 trans-1,3-Dichloropropene | 75 | | 16.387 | | | | ND | |
| | 68 1,1,2-Trichloroethane | 83 | | 16.756 | | | | ND | |
| | 69 Tetrachloroethene | 166 | | 16.965 | | | | ND | |
| | 70 2-Hexanone | 43 | | 17.205 | | | | ND | |
| | 71 Chlorodibromomethane | 129 | | 17.494 | | | | ND | |
| | 72 Ethylene Dibromide | 107 | | 17.730 | | | | ND | |
| * | 73 Chlorobenzene-d5 | 117 | 18.639 | 18.639 | 0.000 | 82 | 283723 | 10.0 | |
| | 74 Chlorobenzene | 112 | | 18.698 | | | | ND | |
| | 75 Ethylbenzene | 91 | | 18.885 | | | | ND | 7 |
| | 76 m-Xylene & p-Xylene | 106 | | 19.153 | | | | ND | |
| S | 78 Xylenes, Total | 106 | | 19.600 | | | | ND | 7 |
| | 79 o-Xylene | 106 | | 19.918 | | | | ND | |
| | 80 Styrene | 104 | | 19.955 | | | | ND | |
| | 81 Bromoform | 173 | | 20.308 | | | | ND | |
| | 82 Isopropylbenzene | 105 | | 20.629 | | | | ND | |
| | 83 1,1,2,2-Tetrachloroethane | 83 | | 21.159 | | | | ND | |
| | 85 N-Propylbenzene | 91 | | 21.357 | | | | ND | |
| | 86 2-Chlorotoluene | 91 | | 21.501 | | | | ND | |
| | 87 4-Ethyltoluene | 105 | | 21.555 | | | | ND | |
| | 88 1,3,5-Trimethylbenzene | 105 | | 21.651 | | | | ND | |
| | 91 tert-Butylbenzene | 119 | | 22.133 | | | | ND | |
| | 92 1,2,4-Trimethylbenzene | 105 | | 22.218 | | | | ND | |
| | 93 sec-Butylbenzene | 105 | | 22.459 | | | | ND | |
| | 94 1,3-Dichlorobenzene | 146 | | 22.630 | | | | ND | |
| | 95 4-Isopropyltoluene | 119 | | 22.673 | | | | ND | |
| | 96 1,4-Dichlorobenzene | 146 | | 22.775 | | | | ND | |
| | 97 Benzyl chloride | 91 | | 22.919 | | | | ND | |
| | 98 n-Butylbenzene | 91 | | 23.224 | | | | ND | |
| | 99 1,2-Dichlorobenzene | 146 | | 23.256 | | | | ND | |
| | 102 1,2,4-Trichlorobenzene | 180 | | 25.642 | | | | ND | |
| | 103 Hexachlorobutadiene | 225 | | 25.883 | | | | ND | |
| | 104 Naphthalene | 128 | | 26.107 | | | | ND | |

## QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

## Reagents:

| | | | | |
|---|---|---|---|---|
| ATTO15XISs_00003 | Amount Added: | 20.00 | Units: mL | Run Reagent |

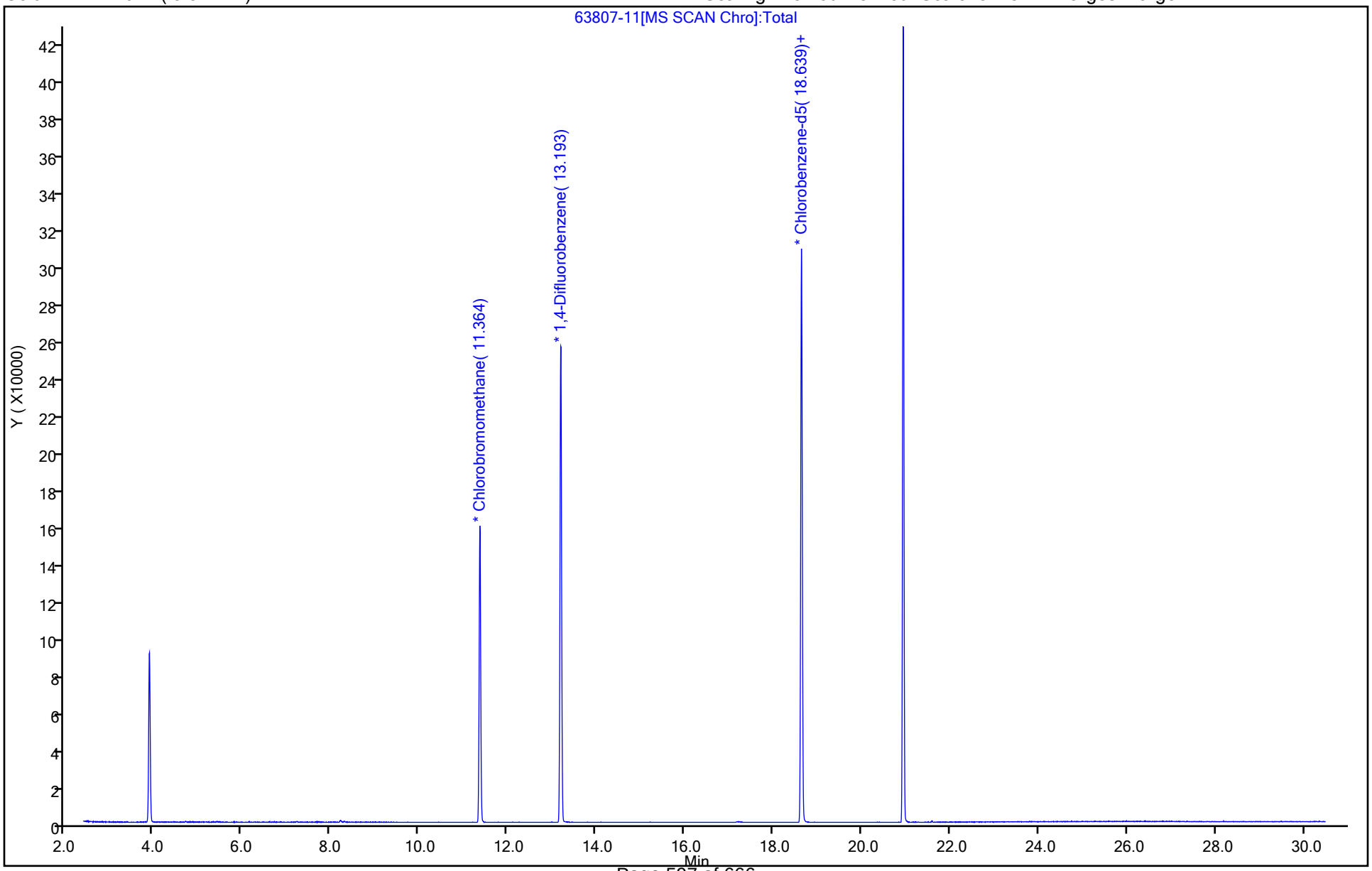
Report Date: 28-Jan-2025 15:16:27 Chrom Revision: 2.3 15-Jan-2025 12:44:04

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-11.D

| | | | | | |
|---|---|---|---|---|---|
| Injection Date: | 27-Jan-2025 20:29:30 | Instrument ID: | CHX.i | Operator ID: | wrd |
| Lims ID: | 200-76733-A-3 | Lab Sample ID: | 200-76733-3 | Worklist Smp#: | 29 |
| Client ID: | 27028 | | | | |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | ALS Bottle#: | 11 |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |

Column: RTX-624 ( 0.32 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



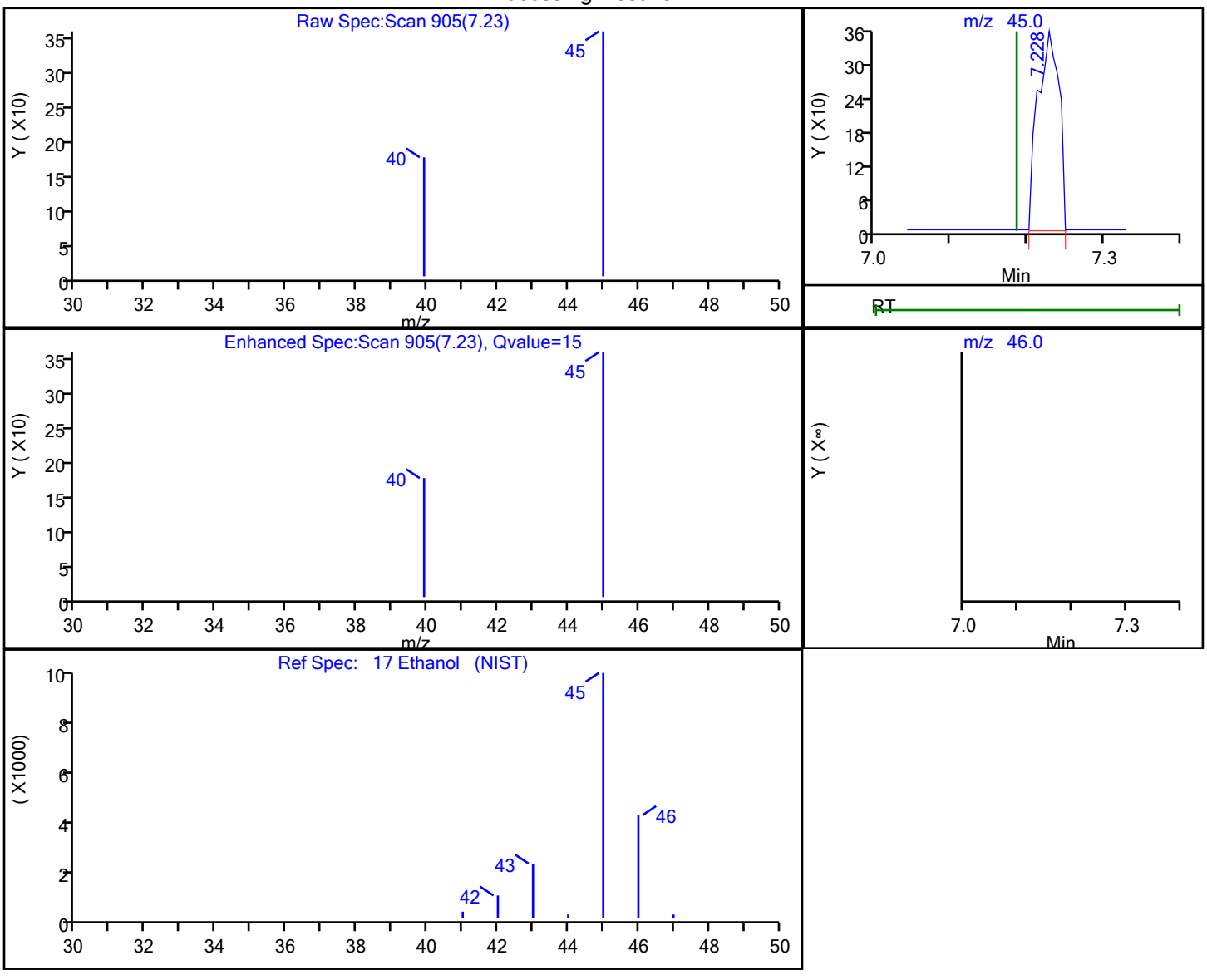
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-11.D | | | | |
| Injection Date: | 27-Jan-2025 20:29:30 | Instrument ID: | CHX.i | | |
| Lims ID: | 200-76733-A-3 | Lab Sample ID: | 200-76733-3 | | |
| Client ID: | 27028 | | | | |
| Operator ID: | wrd | ALS Bottle#: | 11 | Worklist Smp#: | 29 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 17 Ethanol, CAS: 64-17-5

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 7.23 | 45.00 | 681 | 0.189064 |
| 7.19 | 46.00 | 0 | |

Reviewer: F7XK, 28-Jan-2025 14:28:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

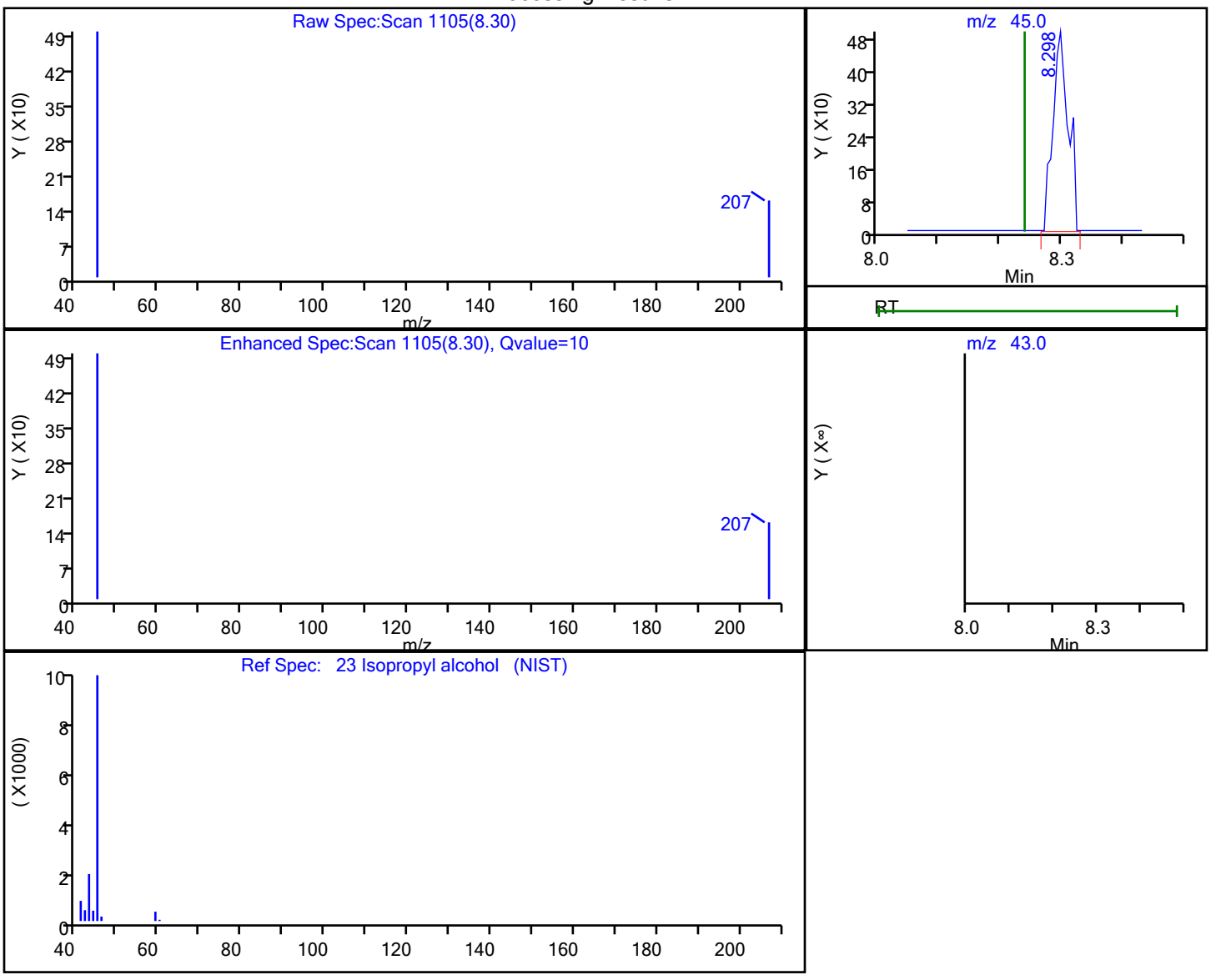
User Disabled Compound Report

Eurofins Burlington

| | | | | | |
|---|---|---|---|---|---|
| Data File: | \\chromfs\Burlington\ChromData\CHX.i\20250127-63807.b\63807-11.D | | | | |
| Injection Date: | 27-Jan-2025 20:29:30 | Instrument ID: | CHX.i | | |
| Lims ID: | 200-76733-A-3 | Lab Sample ID: | 200-76733-3 | | |
| Client ID: | 27028 | | | | |
| Operator ID: | wrd | ALS Bottle#: | 11 | Worklist Smp#: | 29 |
| Purge Vol: | 200.000 mL | Dil. Factor: | 0.2000 | | |
| Method: | TO15_MasterMethod_X.m | Limit Group: | AI_TO15_ICAL | | |
| Column: | RTX-624 ( 0.32 mm) | Detector | MS SCAN | | |

## 23 Isopropyl alcohol, CAS: 67-63-0

Processing Results




| RT | Mass | Response | Amount |
|---|---|---|---|
| 8.30 | 45.00 | 863 | 0.095729 |
| 8.24 | 43.00 | 0 | |

Reviewer: F7XK, 28-Jan-2025 14:28:27 07:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212331/4 | 63469_004.D |
| Level 2 | IC 200-212331/5 | 63469_005.D |
| Level 3 | IC 200-212331/15 | 63469_015.D |
| Level 4 | IC 200-212331/24 | 63469_024.D |
| Level 5 | ICIS 200-212331/9 | 63469_009.D |
| Level 6 | IC 200-212331/10 | 63469_010.D |
| Level 7 | IC 200-212331/13 | 63469_013.D |
| Level 8 | IC 200-212331/14 | 63469_014.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propylene | +++++ 0.6180 | +++++ 0.7932 | +++++ 0.8619 | 0.9131 | 0.6203 | Ave | | 0.7613 | | | | 17.9 | | 30.0 | | | |
| Dichlorodifluoromethane | +++++ 2.4432 | +++++ 3.0464 | 4.2271 3.1736 | 3.4764 | 2.4394 | Ave | | 3.1343 | | | | 21.5 | | 30.0 | | | |
| Freon 22 | +++++ 1.4206 | +++++ 1.7536 | 2.4639 1.8464 | 1.9690 | 1.4367 | Ave | | 1.8150 | | | | 21.3 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | +++++ 2.6549 | 2.8453 3.3004 | 4.4752 3.4444 | 3.6960 | 2.6790 | Ave | | 3.2993 | | | | 19.8 | | 30.0 | | | |
| Chloromethane | +++++ 0.8457 | +++++ 1.0280 | 1.4735 1.0886 | 1.1508 | 0.8555 | Ave | | 1.0737 | | | | 21.5 | | 30.0 | | | |
| n-Butane | +++++ 2.6480 | +++++ 2.2702 | 2.7693 2.1337 | 2.0865 | 2.9259 | Ave | | 2.4723 | | | | 14.3 | | 30.0 | | | |
| Vinyl chloride | 2.0389 1.8979 | 2.1286 1.6148 | 1.9016 1.5086 | 1.4835 | 2.1011 | Ave | | 1.8344 | | | | 14.4 | | 30.0 | | | |
| 1,3-Butadiene | 2.0346 1.3945 | 1.6963 1.2205 | 1.4694 1.1460 | 1.1147 | 1.5761 | Ave | | 1.4565 | | | | 21.4 | | 30.0 | | | |
| Bromomethane | +++++ 1.0147 | 1.1092 1.2380 | 1.6040 1.2746 | 1.3474 | 1.0260 | Ave | | 1.2306 | | | | 16.9 | | 30.0 | | | |
| Chloroethane | +++++ 0.6038 | +++++ 0.7158 | 0.9288 0.7358 | 0.7625 | 0.6210 | Ave | | 0.7280 | | | | 16.1 | | 30.0 | | | |
| Isopentane | +++++ 1.2516 | 1.2975 1.4360 | 1.8890 1.4960 | 1.5261 | 1.2888 | Ave | | 1.4550 | | | | 15.1 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | +++++ 1.0449 | 1.0442 1.2192 | 1.5320 1.2483 | 1.2905 | 1.0389 | Ave | | 1.2026 | | | | 15.0 | | 30.0 | | | |
| Trichlorofluoromethane | +++++ 2.8992 | 3.0729 3.1988 | 4.2150 3.2404 | 3.3995 | 2.9602 | Ave | | 3.2837 | | | | 13.5 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| n-Pentane | +++++ 2.0807 | +++++ 2.3053 | 2.9193 2.3581 | 2.3959 | 2.1588 | Ave | | 2.3697 | | | | 12.4 | | 30.0 | | | |
| Ethanol | +++++ 0.5572 | +++++ 0.6298 | 0.8863 0.6380 | 0.6393 | 0.5888 | Ave | | 0.6566 | | | | 17.8 | | 30.0 | | | |
| Ethyl ether | +++++ 0.9253 | 0.8386 1.0029 | 1.2066 1.0232 | 1.0183 | 0.9508 | Ave | | 0.9951 | | | | 11.4 | | 30.0 | | | |
| Acrolein | +++++ 0.5166 | +++++ 0.5499 | 0.6564 0.5655 | 0.5431 | 0.5311 | Ave | | 0.5604 | | | | 8.9 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.2080 1.3221 | 1.4242 1.3924 | 1.7187 1.4019 | 1.4085 | 1.3554 | Ave | | 1.4039 | | | | 10.3 | | 30.0 | | | |
| Freon TF | +++++ 2.8409 | 3.0257 2.9266 | 3.6743 2.9212 | 2.9957 | 2.8992 | Ave | | 3.0405 | | | | 9.4 | | 30.0 | | | |
| Acetone | +++++ 2.0958 | +++++ 2.1058 | 3.2367 2.1178 | 2.0431 | 2.2106 | Ave | | 2.3016 | | | | 20.0 | | 30.0 | | | |
| Isopropyl alcohol | +++++ 2.2752 | +++++ 2.2687 | 2.6850 2.2565 | 2.1653 | 2.3424 | Ave | | 2.3322 | | | | 7.8 | | 30.0 | | | |
| Carbon disulfide | +++++ 4.2984 | +++++ 4.3060 | 5.4460 4.2085 | 4.2979 | 4.4717 | Ave | | 4.5047 | | | | 10.4 | | 30.0 | | | |
| Acetonitrile | +++++ 1.1151 | +++++ 1.1390 | 1.4548 1.1425 | 1.0927 | 1.1711 | Ave | | 1.1859 | | | | 11.3 | | 30.0 | | | |
| 3-Chloropropene | +++++ 1.9257 | 2.1182 1.9251 | 2.4976 1.9045 | 1.8680 | 2.0054 | Ave | | 2.0349 | | | | 10.8 | | 30.0 | | | |
| Methylene Chloride | +++++ 1.8765 | +++++ 1.7880 | 2.2432 1.7421 | 1.7205 | 2.0020 | Ave | | 1.8954 | | | | 10.5 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 3.0662 | +++++ 2.9588 | 3.2519 2.9298 | 2.7950 | 3.1444 | Ave | | 3.0243 | | | | 5.4 | | 30.0 | | | |
| Acrylonitrile | +++++ 1.1621 | +++++ 1.1904 | 1.4077 1.1724 | 1.0819 | 1.2201 | Ave | | 1.2058 | | | | 9.1 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 2.1135 2.3560 | 2.3692 2.2251 | 2.6669 2.1672 | 2.1421 | 2.4731 | Ave | | 2.3141 | | | | 8.2 | | 30.0 | | | |
| Methyl tert-butyl ether | +++++ 4.1767 | 3.7671 4.0107 | 4.5556 3.9396 | 3.9171 | 4.3365 | Ave | | 4.1005 | | | | 6.7 | | 30.0 | | | |
| n-Hexane | +++++ 2.4600 | 2.2994 2.3890 | 2.6788 2.3332 | 2.3129 | 2.5881 | Ave | | 2.4374 | | | | 6.0 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.7878 2.9718 | 2.9993 2.8106 | 3.4258 2.7103 | 2.7391 | 3.1351 | Ave | | 2.9475 | | | | 8.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | +++++ 3.4365 | +++++ 3.3030 | 3.4886 3.3476 | 2.7761 | 3.4629 | Ave | | 3.3024 | | | | 8.1 | | 30.0 | | | |
| Methyl Ethyl Ketone | +++++ 0.7907 | +++++ 0.7676 | 0.9726 0.7658 | 0.7309 | 0.8098 | Ave | | 0.8062 | | | | 10.6 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.4112 1.5885 | 1.5702 1.5521 | 1.8530 1.5303 | 1.5468 | 1.6602 | Ave | | 1.5890 | | | | 8.0 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.1270 | +++++ 0.1268 | 0.1493 0.1276 | 0.1240 | 0.1316 | Ave | | 0.1310 | | | | 7.1 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.3804 | +++++ 0.3742 | 0.4450 0.3683 | 0.3440 | 0.3986 | Ave | | 0.3851 | | | | 8.9 | | 30.0 | | | |
| Chloroform | +++++ 3.2492 | 3.4476 3.0989 | 3.8424 3.0214 | 3.0660 | 3.4090 | Ave | | 3.3049 | | | | 8.8 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.6317 | 0.6431 0.6102 | 0.7154 0.6093 | 0.5971 | 0.6471 | Ave | | 0.6362 | | | | 6.2 | | 30.0 | | | |
| Cyclohexane | +++++ 0.4092 | 0.3860 0.4042 | 0.4612 0.4044 | 0.3955 | 0.4195 | Ave | | 0.4114 | | | | 5.9 | | 30.0 | | | |
| Carbon tetrachloride | 0.5642 0.6286 | 0.6214 0.6138 | 0.6957 0.6156 | 0.5981 | 0.6439 | Ave | | 0.6227 | | | | 6.1 | | 30.0 | | | |
| Benzene | +++++ 0.9829 | 1.0327 0.9633 | 1.1679 0.9486 | 0.9490 | 1.0171 | Ave | | 1.0088 | | | | 7.7 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.4527 | 0.4717 0.4208 | 0.5139 0.4147 | 0.3991 | 0.4713 | Ave | | 0.4492 | | | | 9.0 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | +++++ 1.6579 | 1.4726 1.6124 | 1.7960 1.5592 | 1.5423 | 1.7312 | Ave | | 1.6245 | | | | 6.9 | | 30.0 | | | |
| n-Heptane | +++++ 0.6118 | 0.5321 0.5977 | 0.6283 0.5876 | 0.5579 | 0.6365 | Ave | | 0.5931 | | | | 6.3 | | 30.0 | | | |
| n-Butanol | +++++ 0.2355 | +++++ 0.2361 | 0.2407 0.2428 | 0.2072 | 0.2387 | Ave | | 0.2335 | | | | 5.6 | | 30.0 | | | |
| Trichloroethene | 0.4204 0.4286 | 0.4477 0.4196 | 0.5078 0.4214 | 0.4078 | 0.4399 | Ave | | 0.4367 | | | | 7.2 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.4113 | 0.4168 0.3948 | 0.4580 0.3900 | 0.3742 | 0.4264 | Ave | | 0.4102 | | | | 6.7 | | 30.0 | | | |
| Methyl methacrylate | +++++ 0.3711 | +++++ 0.3658 | 0.3925 0.3669 | 0.3360 | 0.3797 | Ave | | 0.3687 | | | | 5.1 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.2045 | 0.1962 0.1990 | 0.3263 0.1927 | 0.2014 | 0.2094 | Ave | | 0.2185 | | | | 21.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromomethane | +++++ 0.3194 | 0.3605 0.3337 | 0.4269 0.3414 | 0.3352 | 0.3217 | Ave | | 0.3484 | | | | 10.7 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.7479 | 0.7119 0.7137 | 0.8080 0.7090 | 0.6750 | 0.7677 | Ave | | 0.7333 | | | | 6.0 | | 30.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.6472 | 0.5413 0.6330 | 0.6878 0.6364 | 0.5831 | 0.6556 | Ave | | 0.6263 | | | | 7.8 | | 30.0 | | | |
| methyl isobutyl ketone | +++++ 0.8164 | +++++ 0.7847 | 0.7825 0.7696 | 0.6949 | 0.8402 | Ave | | 0.7814 | | | | 6.4 | | 30.0 | | | |
| Toluene | +++++ 0.7241 | 0.6797 0.7172 | 0.8121 0.7056 | 0.7038 | 0.7431 | Ave | | 0.7265 | | | | 5.8 | | 30.0 | | | |
| n-Octane | +++++ 0.8641 | 0.6574 0.8399 | 0.8372 0.8098 | 0.7768 | 0.9027 | Ave | | 0.8126 | | | | 9.7 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.5171 | 0.4287 0.5037 | 0.5586 0.5083 | 0.4629 | 0.5269 | Ave | | 0.5009 | | | | 8.5 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.4089 | 0.4016 0.3929 | 0.4893 0.3896 | 0.3801 | 0.4237 | Ave | | 0.4123 | | | | 8.9 | | 30.0 | | | |
| Tetrachloroethene | 0.4445 0.4932 | 0.5187 0.5130 | 0.6295 0.5213 | 0.5161 | 0.4978 | Ave | | 0.5168 | | | | 10.1 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | +++++ 0.8530 | +++++ 0.8214 | 0.6877 0.8063 | 0.7008 | 0.8737 | Ave | | 0.7905 | | | | 9.9 | | 30.0 | | | |
| Dibromochloromethane | +++++ 0.7397 | 0.6221 0.7278 | 0.8115 0.7304 | 0.6933 | 0.7529 | Ave | | 0.7254 | | | | 8.0 | | 30.0 | | | |
| 1,2-Dibromoethane | +++++ 0.6852 | 0.6360 0.6708 | 0.8146 0.6661 | 0.6429 | 0.7004 | Ave | | 0.6880 | | | | 8.7 | | 30.0 | | | |
| Chlorobenzene | +++++ 0.9280 | 0.9882 0.9221 | 1.1575 0.9095 | 0.9211 | 0.9558 | Ave | | 0.9689 | | | | 9.0 | | 30.0 | | | |
| Ethylbenzene | +++++ 1.6319 | 1.5113 1.5901 | 1.8240 1.5307 | 1.5534 | 1.6838 | Ave | | 1.6179 | | | | 6.7 | | 30.0 | | | |
| m,p-Xylene | +++++ 0.6024 | 0.4952 0.5910 | 0.6557 0.5816 | 0.5757 | 0.6152 | Ave | | 0.5881 | | | | 8.3 | | 30.0 | | | |
| n-Nonane | +++++ 0.9202 | 0.7311 0.8689 | 0.9147 0.8362 | 0.8193 | 0.9517 | Ave | | 0.8632 | | | | 8.7 | | 30.0 | | | |
| Xylene, o- | +++++ 0.5707 | 0.4426 0.5662 | 0.5936 0.5632 | 0.5444 | 0.5784 | Ave | | 0.5513 | | | | 9.1 | | 30.0 | | | |
| Styrene | +++++ 0.9609 | 0.6515 0.9572 | 0.9632 0.9436 | 0.8961 | 0.9723 | Ave | | 0.9064 | | | | 12.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Bromoform | +++++ 0.6614 | 0.4504 0.6777 | 0.7235 0.6880 | 0.6285 | 0.6630 | Ave | | 0.6418 | | | | 13.9 | | 30.0 | | | |
| Cumene | +++++ 1.7189 | 1.2941 1.6789 | 1.7817 1.6010 | 1.6567 | 1.7586 | Ave | | 1.6414 | | | | 10.1 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 1.0919 | 1.0764 1.0321 | 1.2722 0.9978 | 0.9932 | 1.1302 | Ave | | 1.0848 | | | | 8.9 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.8248 | +++++ 0.7933 | 1.0512 0.7748 | 0.7658 | 0.8557 | Ave | | 0.8443 | | | | 12.6 | | 30.0 | | | |
| n-Propylbenzene | +++++ 2.2368 | 1.8689 2.1334 | 2.3728 1.9670 | 2.1141 | 2.3205 | Ave | | 2.1448 | | | | 8.5 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 1.4268 | 1.3761 1.3741 | 1.6434 1.3473 | 1.3501 | 1.4583 | Ave | | 1.4251 | | | | 7.3 | | 30.0 | | | |
| 4-Ethyltoluene | +++++ 1.7060 | 1.3195 1.6647 | 1.8325 1.5707 | 1.6424 | 1.7549 | Ave | | 1.6415 | | | | 10.0 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.4649 | 1.1211 1.4072 | 1.5272 1.3339 | 1.3628 | 1.4910 | Ave | | 1.3869 | | | | 9.8 | | 30.0 | | | |
| n-Decane | +++++ 1.2156 | +++++ 1.1299 | 1.1184 1.0491 | 1.0395 | 1.2532 | Ave | | 1.1343 | | | | 7.6 | | 30.0 | | | |
| Alpha Methyl Styrene | +++++ 0.7324 | 0.4651 0.7425 | 0.6641 0.7358 | 0.6756 | 0.7381 | Ave | | 0.6791 | | | | 14.7 | | 30.0 | | | |
| tert-Butylbenzene | +++++ 1.3074 | 1.0426 1.2971 | 1.4053 1.2460 | 1.2747 | 1.3401 | Ave | | 1.2733 | | | | 8.9 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.4509 | 1.0649 1.4180 | 1.4945 1.3473 | 1.3742 | 1.4889 | Ave | | 1.3770 | | | | 10.8 | | 30.0 | | | |
| sec-Butylbenzene | +++++ 2.1514 | 1.6650 2.0612 | 2.2215 1.8873 | 2.0237 | 2.2182 | Ave | | 2.0326 | | | | 9.9 | | 30.0 | | | |
| 1,3-Dichlorobenzene | +++++ 0.9249 | 0.7777 0.9273 | 1.1524 0.9135 | 0.9086 | 0.9405 | Ave | | 0.9350 | | | | 11.8 | | 30.0 | | | |
| 4-Isopropyltoluene | +++++ 1.7279 | 1.2144 1.6910 | 1.7214 1.5767 | 1.6384 | 1.7545 | Ave | | 1.6177 | | | | 11.6 | | 30.0 | | | |
| 1,4-Dichlorobenzene | +++++ 0.9131 | 0.7755 0.9294 | 1.1712 0.9134 | 0.9096 | 0.9271 | Ave | | 0.9342 | | | | 12.6 | | 30.0 | | | |
| Benzyl chloride | +++++ 1.4628 | 0.8387 1.4194 | 1.3748 1.3655 | 1.2641 | 1.4805 | Ave | | 1.3151 | | | | 16.9 | | 30.0 | | | |
| n-Butylbenzene | +++++ 1.9013 | 1.2469 1.7928 | 1.7548 1.6498 | 1.6972 | 1.9583 | Ave | | 1.7144 | | | | 13.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | +++++ 0.8831 | 0.7610 0.9020 | 1.1074 0.8763 | 0.8723 | 0.9030 | Ave | | 0.9007 | | | | 11.5 | | 30.0 | | | |
| n-Undecane | +++++ 1.2750 | +++++ 1.2047 | 1.0769 1.1324 | 1.0946 | 1.3178 | Ave | | 1.1836 | | | | 8.3 | | 30.0 | | | |
| n-Dodecane | +++++ 1.1090 | +++++ 1.1046 | 0.7414 1.0338 | 0.9780 | 1.1677 | Ave | | 1.0224 | | | | 14.9 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.5650 | +++++ 0.6030 | 0.7207 0.6406 | 0.5580 | 0.5667 | Ave | | 0.6090 | | | | 10.3 | | 30.0 | | | |
| Hexachlorobutadiene | +++++ 0.4824 | 0.4006 0.5251 | 0.6479 0.5318 | 0.5073 | 0.4852 | Ave | | 0.5115 | | | | 14.5 | | 30.0 | | | |
| Naphthalene | +++++ 1.3991 | 0.7005 1.4270 | 1.6810 1.4647 | 1.3280 | 1.4377 | Ave | | 1.3483 | | | | 22.7 | | 30.0 | | | |
| 1,2,3-Trichlorobenzene | +++++ 0.5119 | +++++ 0.5493 | 0.7425 0.5730 | 0.5208 | 0.5218 | Ave | | 0.5699 | | | | 15.4 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-76527-1 | Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 | Calibration End Date: 12/21/2024 11:06 | Calibration ID: 54228

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212331/4 | 63469_004.D |
| Level 2 | IC 200-212331/5 | 63469_005.D |
| Level 3 | IC 200-212331/15 | 63469_015.D |
| Level 4 | IC 200-212331/24 | 63469_024.D |
| Level 5 | ICIS 200-212331/9 | 63469_009.D |
| Level 6 | IC 200-212331/10 | 63469_010.D |
| Level 7 | IC 200-212331/13 | 63469_013.D |
| Level 8 | IC 200-212331/14 | 63469_014.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene | BCM | Ave | +++++<br>254611 | +++++<br>467251 | +++++<br>1087428 | 124778 | 157506 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| Dichlorodifluoromethane | BCM | Ave | +++++<br>1006599 | +++++<br>1794544 | 55190<br>4004100 | 475082 | 619433 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Freon 22 | BCM | Ave | +++++<br>585297 | +++++<br>1032990 | 32169<br>2329608 | 269086 | 364810 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichlorotetrafluoroethane | BCM | Ave | +++++<br>1093836 | 12842<br>1944212 | 58430<br>4345726 | 505092 | 680257 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Chloromethane | BCM | Ave | +++++<br>348455 | +++++<br>605562 | 19238<br>1373428 | 157265 | 217245 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Butane | BCM | Ave | +++++<br>1090979 | +++++<br>1337311 | 36157<br>2692082 | 285143 | 742956 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Vinyl chloride | BCM | Ave | 1887<br>781942 | 9607<br>951250 | 24828<br>1903390 | 202733 | 533515 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,3-Butadiene | BCM | Ave | 1883<br>574528 | 7656<br>718955 | 19185<br>1445903 | 152333 | 400207 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromomethane | BCM | Ave | +++++<br>418072 | 5006<br>729252 | 20943<br>1608204 | 184139 | 260533 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Chloroethane | BCM | Ave | +++++<br>248771 | +++++<br>421681 | 12127<br>928309 | 104204 | 157686 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Isopentane | BCM | Ave | +++++<br>515671 | 5856<br>845891 | 24664<br>1887544 | 208555 | 327267 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromoethene(Vinyl Bromide) | BCM | Ave | +++++<br>430493 | 4713<br>718182 | 20002<br>1574941 | 176357 | 263811 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Trichlorofluoromethane | BCM | Ave | +++++<br>1194495 | 13869<br>1884325 | 55032<br>4088396 | 464569 | 751683 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Pentane | BCM | Ave | +++++<br>857265 | +++++<br>1358014 | 38115<br>2975219 | 327423 | 548172 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Ethanol | BCM | Ave | +++++<br>306775 | +++++<br>742139 | 115861<br>2012323 | 131106 | 224379 | +++++<br>20.0 | +++++<br>40.0 | 4.26<br>100.0 | 6.38 | 15.0 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether | BCM | Ave | +++++<br>381223 | 3785<br>590811 | 15754<br>1290934 | 139163 | 241427 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acrolein | BCM | Ave | +++++<br>249248 | +++++<br>379329 | 10035<br>835473 | 86908 | 157915 | +++++<br>17.6 | +++++<br>23.4 | 0.498<br>46.8 | 4.98 | 11.7 |
| 1,1-Dichloroethene | BCM | Ave | 1118<br>544712 | 6428<br>820242 | 22440<br>1768720 | 192479 | 344171 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Freon TF | BCM | Ave | +++++<br>1170483 | 13656<br>1723978 | 47973<br>3685651 | 409392 | 736188 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acetone | BCM | Ave | +++++<br>863471 | +++++<br>1240464 | 42260<br>2672033 | 279209 | 561329 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Isopropyl alcohol | BCM | Ave | +++++<br>1086429 | +++++<br>1548932 | 40631<br>3299627 | 342964 | 689356 | +++++<br>17.4 | +++++<br>23.2 | 0.493<br>46.4 | 4.92 | 11.6 |
| Carbon disulfide | BCM | Ave | +++++<br>1770965 | +++++<br>2536567 | 71105<br>5309823 | 587342 | 1135484 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acetonitrile | BCM | Ave | +++++<br>459424 | +++++<br>670979 | 18995<br>1441531 | 149330 | 297362 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 3-Chloropropene | BCM | Ave | +++++<br>793396 | 9560<br>1134042 | 32610<br>2402864 | 255280 | 509219 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methylene Chloride | BCM | Ave | +++++<br>773113 | +++++<br>1053263 | 29288<br>2198040 | 235120 | 508359 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| tert-Butyl alcohol | BCM | Ave | +++++<br>1263316 | +++++<br>1742962 | 42458<br>3696477 | 381963 | 798433 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acrylonitrile | BCM | Ave | +++++<br>478798 | +++++<br>701218 | 18380<br>1479176 | 147845 | 309817 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| trans-1,2-Dichloroethene | BCM | Ave | 1956<br>970697 | 10693<br>1310728 | 34820<br>2734340 | 292738 | 627990 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl tert-butyl ether | BCM | Ave | +++++<br>1720848 | 17002<br>2362596 | 59480<br>4970535 | 535306 | 1101160 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Hexane | BCM | Ave | +++++<br>1013558 | 10378<br>1407293 | 34976<br>2943772 | 316085 | 657174 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1-Dichloroethane | BCM | Ave | 2580<br>1224403 | 13537<br>1655630 | 44729<br>3419617 | 374326 | 796090 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Vinyl acetate | BCM | Ave | +++++<br>1612691 | +++++<br>2216148 | 51880<br>4810803 | 432107 | 1001534 | +++++<br>17.1 | +++++<br>22.8 | 0.485<br>45.6 | 4.84 | 11.4 |
| Methyl Ethyl Ketone | BCM | Ave | +++++<br>325774 | +++++<br>452146 | 12699<br>966189 | 99878 | 205634 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| cis-1,2-Dichloroethene | BCM | Ave | 1306<br>654456 | 7087<br>914329 | 24193<br>1930789 | 211384 | 421574 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Ethyl acetate | BCM | Ave | +++++<br>52321 | +++++<br>74690 | 1949<br>161018 | 16946 | 33409 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Tetrahydrofuran | DFBZ | Ave | +++++ | +++++ | 28075 | 227648 | 491783 | +++++ | +++++ | 0.425 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 751568 | 1051271 | 2192034 | | | 15.0 | 20.0 | 40.0 | | |
| Chloroform | BCM | Ave | +++++<br>1338709 | 15560<br>1825501 | 50168<br>3812038 | 418999 | 865625 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1,1-Trichloroethane | DFBZ | Ave | +++++<br>1248211 | 13751<br>1714217 | 45130<br>3626787 | 395142 | 798364 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Cyclohexane | DFBZ | Ave | +++++<br>808439 | 8254<br>1135720 | 29094<br>2407430 | 261768 | 517570 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Carbon tetrachloride | DFBZ | Ave | 2452<br>1242016 | 13288<br>1724350 | 43892<br>3664141 | 395845 | 794518 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Benzene | DFBZ | Ave | +++++<br>1942086 | 22082<br>2706503 | 73678<br>5646413 | 628038 | 1254972 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++<br>894509 | 10087<br>1182132 | 32418<br>2468368 | 264105 | 581477 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | +++++<br>3275630 | 31489<br>4529919 | 113304<br>9280867 | 1020685 | 2136048 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Heptane | DFBZ | Ave | +++++<br>1208783 | 11379<br>1679207 | 39638<br>3497617 | 369230 | 785381 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Butanol | DFBZ | Ave | +++++<br>465231 | +++++<br>663361 | 15187<br>1445470 | 137141 | 294504 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Trichloroethene | DFBZ | Ave | 1827<br>846908 | 9574<br>1178898 | 32033<br>2508408 | 269894 | 542797 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>812735 | 8912<br>1109052 | 28894<br>2321601 | 247649 | 526161 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>733188 | +++++<br>1027823 | 24760<br>2183878 | 222357 | 468541 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>403997 | 4195<br>559104 | 20583<br>1147141 | 133255 | 258324 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Dibromomethane | DFBZ | Ave | +++++<br>631036 | 7708<br>937535 | 26929<br>2032318 | 221832 | 396930 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromodichloromethane | DFBZ | Ave | +++++<br>1477709 | 15222<br>2005243 | 50972<br>4220553 | 446686 | 947223 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | +++++<br>1278790 | 11574<br>1778288 | 43390<br>3787897 | 385915 | 808963 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| methyl isobutyl ketone | DFBZ | Ave | +++++<br>1613095 | +++++<br>2204474 | 49368<br>4580980 | 459848 | 1036655 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Toluene | CBNZd5 | Ave | +++++<br>1303512 | 12972<br>1847031 | 45875<br>3875506 | 424982 | 833232 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Octane | DFBZ | Ave | +++++<br>1707217 | 14058<br>2359729 | 52814<br>4820635 | 514052 | 1113822 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| trans-1,3-Dichloropropene | DFBZ | Ave | +++++ | 9167 | 35240 | 306353 | 650093 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 1021613 | 1415083 | 3025772 | | | 15.0 | 20.0 | 40.0 | | |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>736042 | 7665<br>1011935 | 27641<br>2139864 | 229515 | 475082 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Tetrachloroethene | CBNZd5 | Ave | 1723<br>887741 | 9899<br>1321281 | 35563<br>2862774 | 311655 | 558210 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd5 | Ave | +++++<br>1535513 | +++++<br>2115470 | 38846<br>4428273 | 423166 | 979703 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Dibromochloromethane | CBNZd5 | Ave | +++++<br>1331477 | 11873<br>1874402 | 45842<br>4011556 | 418673 | 844250 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dibromoethane | CBNZd5 | Ave | +++++<br>1233374 | 12138<br>1727479 | 46015<br>3658379 | 388240 | 785359 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>1670562 | 18858<br>2374765 | 65386<br>4994824 | 556201 | 1071765 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>2937509 | 28841<br>4095247 | 103035<br>8406994 | 938056 | 1888160 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| m,p-Xylene | CBNZd5 | Ave | +++++<br>2168607 | 18899<br>3044066 | 74079<br>6388199 | 695267 | 1379659 | +++++<br>30.0 | 0.341<br>40.0 | 0.851<br>80.0 | 8.50 | 20.0 |
| n-Nonane | CBNZd5 | Ave | +++++<br>1656381 | 13952<br>2237854 | 51673<br>4592772 | 494746 | 1067212 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Xylene, o- | CBNZd5 | Ave | +++++<br>1027406 | 8446<br>1458089 | 33534<br>3093065 | 328749 | 648652 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Styrene | CBNZd5 | Ave | +++++<br>1729768 | 12433<br>2465057 | 54411<br>5182410 | 541107 | 1090280 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromoform | CBNZd5 | Ave | +++++<br>1190630 | 8595<br>1745438 | 40872<br>3778660 | 379528 | 743442 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Cumene | CBNZd5 | Ave | +++++<br>3094266 | 24697<br>4323834 | 100645<br>8792699 | 1000419 | 1971996 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1,2,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>1965594 | 20542<br>2658127 | 71866<br>5480026 | 599782 | 1267318 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd5 | Ave | +++++ | +++++ | 59383 | 462422 | 959569 | +++++ | +++++ | 0.425 | 4.25 | 10.00 |
| | | | 1484811 | 2043056 | 4255034 | | | 15.0 | 20.0 | 40.0 | | |
| n-Propylbenzene | CBNZd5 | Ave | +++++ | 35666 | 134040 | 1276617 | 2602122 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 4026444 | 5494279 | 10803197 | | | 15.0 | 20.0 | 40.0 | | |
| 2-Chlorotoluene | CBNZd5 | Ave | +++++ | 26261 | 92833 | 815249 | 1635244 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 2568309 | 3538899 | 7399625 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Ethyltoluene | CBNZd5 | Ave | +++++ | 25181 | 103516 | 991779 | 1967889 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 3070888 | 4287338 | 8626584 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3,5-Trimethylbenzene | CBNZd5 | Ave | +++++ | 21395 | 86269 | 822919 | 1671998 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 2636921 | 3624126 | 7325744 | | | 15.0 | 20.0 | 40.0 | | |
| n-Decane | CBNZd5 | Ave | +++++ | +++++ | 63180 | 627731 | 1405258 | +++++ | +++++ | 0.425 | 4.25 | 10.00 |
| | | | 2188166 | 2910056 | 5761556 | | | 15.0 | 20.0 | 40.0 | | |
| Alpha Methyl Styrene | CBNZd5 | Ave | +++++ | 8875 | 37515 | 407965 | 827629 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 1318403 | 1912254 | 4041052 | | | 15.0 | 20.0 | 40.0 | | |
| tert-Butylbenzene | CBNZd5 | Ave | +++++ | 19896 | 79384 | 769736 | 1502792 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 2353362 | 3340496 | 6843382 | | | 15.0 | 20.0 | 40.0 | | |
| 1,2,4-Trimethylbenzene | CBNZd5 | Ave | +++++ | 20322 | 84426 | 829808 | 1669640 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 2611802 | 3651871 | 7399491 | | | 15.0 | 20.0 | 40.0 | | |
| sec-Butylbenzene | CBNZd5 | Ave | +++++ | 31774 | 125494 | 1222043 | 2487384 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 3872782 | 5308374 | 10365079 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3-Dichlorobenzene | CBNZd5 | Ave | +++++ | 14841 | 65100 | 548661 | 1054613 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 1664902 | 2388070 | 5016888 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Isopropyltoluene | CBNZd5 | Ave | +++++ | 23175 | 97240 | 989362 | 1967389 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 3110344 | 4355036 | 8659417 | | | 15.0 | 20.0 | 40.0 | | |
| 1,4-Dichlorobenzene | CBNZd5 | Ave | +++++ | 14799 | 66159 | 549293 | 1039657 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 1643684 | 2393538 | 5016337 | | | 15.0 | 20.0 | 40.0 | | |
| Benzyl chloride | CBNZd5 | Ave | +++++ | 16006 | 77664 | 763351 | 1660150 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |
| | | | 2633106 | 3655587 | 7499683 | | | 15.0 | 20.0 | 40.0 | | |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76527-1 Analy Batch No.: 212331

SDG No.:

Instrument ID: CHAM.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/20/2024 17:03 Calibration End Date: 12/21/2024 11:06 Calibration ID: 54228

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene | CBNZd5 | Ave | +++++<br>3422505 | 23796<br>4617143 | 99126<br>9061029 | 1024844 | 2195995 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichlorobenzene | CBNZd5 | Ave | +++++<br>1589748 | 14522<br>2322960 | 62554<br>4812936 | 526770 | 1012600 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Undecane | CBNZd5 | Ave | +++++<br>2295137 | +++++<br>3102667 | 60836<br>6219142 | 660976 | 1477686 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Dodecane | CBNZd5 | Ave | +++++<br>1996228 | +++++<br>2844864 | 41881<br>5677783 | 590557 | 1309380 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2,4-Trichlorobenzene | CBNZd5 | Ave | +++++<br>1192979 | +++++<br>1821609 | 47754<br>4126820 | 395282 | 745439 | +++++<br>17.6 | +++++<br>23.5 | 0.499<br>46.9 | 4.98 | 11.7 |
| Hexachlorobutadiene | CBNZd5 | Ave | +++++<br>976055 | 8592<br>1520048 | 41138<br>3282748 | 344353 | 611560 | +++++<br>16.9 | 0.192<br>22.5 | 0.478<br>45.0 | 4.78 | 11.2 |
| Naphthalene | CBNZd5 | Ave | +++++<br>2994571 | 15894<br>4369716 | 112903<br>9564619 | 953463 | 1916920 | +++++<br>17.8 | 0.203<br>23.8 | 0.506<br>47.6 | 5.05 | 11.9 |
| 1,2,3-Trichlorobenzene | CBNZd5 | Ave | +++++<br>1073575 | +++++<br>1647970 | 48864<br>3665972 | 366384 | 681685 | +++++<br>17.5 | +++++<br>23.3 | 0.496<br>46.6 | 4.95 | 11.6 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-213031/4 | 63758_004.D |
| Level 2 | IC 200-213031/6 | 63758_006.D |
| Level 3 | IC 200-213031/7 | 63758_007.D |
| Level 4 | IC 200-213031/8 | 63758_008.D |
| Level 5 | ICIS 200-213031/9 | 63758_009.D |
| Level 6 | IC 200-213031/10 | 63758_010.D |
| Level 7 | IC 200-213031/12 | 63758_012.D |
| Level 8 | IC 200-213031/20 | 63758_020.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propylene | +++++ 1.2940 | +++++ 1.2669 | +++++ 1.1656 | 1.5076 | 1.3791 | Ave | | 1.3227 | | | | 9.7 | | 30.0 | | | |
| Dichlorodifluoromethane | +++++ 2.6945 | +++++ 2.6292 | 2.9962 2.4773 | 3.1944 | 2.8874 | Ave | | 2.8132 | | | | 9.3 | | 30.0 | | | |
| Freon 22 | +++++ 2.1047 | +++++ 2.0468 | 2.3634 1.8736 | 2.5017 | 2.2674 | Ave | | 2.1929 | | | | 10.4 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | +++++ 2.9434 | 3.1993 2.8974 | 3.1655 2.7937 | 3.3885 | 3.0935 | Ave | | 3.0688 | | | | 6.7 | | 30.0 | | | |
| Chloromethane | +++++ 1.3276 | +++++ 1.3422 | 1.4427 1.2052 | 1.5034 | 1.3939 | Ave | | 1.3692 | | | | 7.5 | | 30.0 | | | |
| Vinyl chloride | 1.5394 1.2872 | 1.4082 1.3026 | 1.3110 1.2299 | 1.3907 | 1.2951 | Ave | | 1.3455 | | | | 7.2 | | 30.0 | | | |
| n-Butane | +++++ 2.0581 | +++++ 2.0552 | 2.2245 1.8278 | 2.2786 | 2.1491 | Ave | | 2.0989 | | | | 7.6 | | 30.0 | | | |
| 1,3-Butadiene | 1.3369 0.9918 | 1.1962 1.0013 | 1.0938 0.9246 | 1.1008 | 1.0063 | Ave | | 1.0815 | | | | 12.3 | | 30.0 | | | |
| Bromomethane | +++++ 1.0057 | 1.0854 1.0175 | 1.0332 1.0003 | 1.1014 | 1.0136 | Ave | | 1.0367 | | | | 3.9 | | 30.0 | | | |
| Chloroethane | +++++ 0.6779 | +++++ 0.6769 | 0.7091 0.6528 | 0.7596 | 0.6871 | Ave | | 0.6939 | | | | 5.3 | | 30.0 | | | |
| Isopentane | +++++ 1.6776 | 1.9827 1.6341 | 1.8345 1.4964 | 1.9551 | 1.7405 | Ave | | 1.7601 | | | | 10.0 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | +++++ 0.9160 | 0.9571 0.9254 | 0.9497 0.9230 | 1.0063 | 0.9314 | Ave | | 0.9441 | | | | 3.3 | | 30.0 | | | |
| Trichlorofluoromethane | +++++ 2.3430 | 2.6555 2.2819 | 2.5810 2.1647 | 2.7495 | 2.4631 | Ave | | 2.4627 | | | | 8.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| n-Pentane | +++++ 2.4658 | +++++ 2.4001 | 2.7138 2.1647 | 2.8580 | 2.5721 | Ave | | 2.5291 | | | | 9.6 | | 30.0 | | | |
| Ethanol | +++++ 0.6558 | +++++ 0.6377 | 0.7030 0.5752 | 0.7002 | 0.6534 | Ave | | 0.6542 | | | | 7.2 | | 30.0 | | | |
| Ethyl ether | +++++ 0.8741 | 0.9330 0.8672 | 0.9257 0.8178 | 0.9846 | 0.8999 | Ave | | 0.9003 | | | | 6.0 | | 30.0 | | | |
| Acrolein | +++++ 0.4877 | +++++ 0.4737 | +++++ 0.4510 | 0.4887 | 0.4564 | Ave | | 0.4715 | | | | 3.7 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.0751 1.0336 | 1.1143 1.0389 | 1.1816 1.0227 | 1.1477 | 1.0652 | Ave | | 1.0849 | | | | 5.3 | | 30.0 | | | |
| Freon TF | +++++ 2.0767 | 2.2561 2.0573 | 2.2410 2.0297 | 2.3420 | 2.1386 | Ave | | 2.1631 | | | | 5.5 | | 30.0 | | | |
| Acetone | +++++ 1.8964 | +++++ 1.7888 | +++++ 1.6116 | 2.3046 | 2.0701 | Ave | | 1.9343 | | | | 13.7 | | 30.0 | | | |
| Isopropyl alcohol | +++++ 2.0689 | +++++ 1.9731 | +++++ 1.7795 | 2.3656 | 2.1440 | Ave | | 2.0662 | | | | 10.5 | | 30.0 | | | |
| Carbon disulfide | +++++ 3.3078 | +++++ 3.2601 | 3.5806 3.0730 | 3.7340 | 3.3922 | Ave | | 3.3913 | | | | 7.0 | | 30.0 | | | |
| Acetonitrile | +++++ 1.0574 | +++++ 1.0273 | +++++ 0.9320 | 1.2644 | 1.1493 | Ave | | 1.0861 | | | | 11.6 | | 30.0 | | | |
| 3-Chloropropene | +++++ 1.7023 | 1.8240 1.6380 | 1.8085 1.4653 | 1.7555 | 1.5827 | Ave | | 1.6823 | | | | 7.7 | | 30.0 | | | |
| Methylene Chloride | +++++ 1.4602 | +++++ 1.4118 | 1.7615 1.2924 | 1.7131 | 1.5371 | Ave | | 1.5293 | | | | 11.8 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 2.4531 | +++++ 2.3504 | +++++ 2.1741 | 2.7790 | 2.5428 | Ave | | 2.4599 | | | | 9.1 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.9233 | +++++ 0.8987 | 0.9361 0.8367 | 1.0185 | 0.9514 | Ave | | 0.9274 | | | | 6.5 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.7605 1.6809 | 1.8418 1.6321 | 1.7959 1.5123 | 1.9356 | 1.7652 | Ave | | 1.7405 | | | | 7.5 | | 30.0 | | | |
| Methyl tert-butyl ether | +++++ 3.0693 | 3.3837 2.9775 | 3.2760 2.7865 | 3.5180 | 3.2036 | Ave | | 3.1735 | | | | 7.9 | | 30.0 | | | |
| n-Hexane | +++++ 1.8998 | 2.1009 1.8598 | 2.0575 1.7099 | 2.1574 | 1.9629 | Ave | | 1.9640 | | | | 7.9 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.4219 2.1597 | 2.3130 2.0944 | 2.3375 1.9286 | 2.5145 | 2.2517 | Ave | | 2.2527 | | | | 8.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | +++++ 2.9867 | +++++ 2.8542 | +++++ 2.5714 | 3.0201 | 3.0583 | Ave | | 2.8981 | | | | 6.8 | | 30.0 | | | |
| Methyl Ethyl Ketone | +++++ 0.6018 | +++++ 0.5933 | 0.5946 0.5712 | 0.6545 | 0.6198 | Ave | | 0.6059 | | | | 4.7 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 1.4531 1.1532 | 1.2950 1.1347 | 1.2203 1.1081 | 1.2906 | 1.1763 | Ave | | 1.2289 | | | | 9.3 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.0955 | +++++ 0.0951 | +++++ 0.0942 | 0.1035 | 0.0984 | Ave | | 0.0974 | | | | 3.9 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.3064 | +++++ 0.2933 | +++++ 0.2669 | 0.3565 | 0.3200 | Ave | | 0.3086 | | | | 10.7 | | 30.0 | | | |
| Chloroform | +++++ 2.2706 | 2.4834 2.1891 | 2.4305 2.0626 | 2.6407 | 2.3871 | Ave | | 2.3520 | | | | 8.2 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.4227 | 0.4752 0.4082 | 0.4609 0.3930 | 0.4929 | 0.4461 | Ave | | 0.4427 | | | | 8.2 | | 30.0 | | | |
| Cyclohexane | +++++ 0.2958 | 0.3132 0.2931 | 0.3019 0.2856 | 0.3293 | 0.3041 | Ave | | 0.3033 | | | | 4.8 | | 30.0 | | | |
| Carbon tetrachloride | 0.3151 0.4037 | 0.4208 0.3904 | 0.4268 0.3807 | 0.4619 | 0.4227 | Ave | | 0.4028 | | | | 10.7 | | 30.0 | | | |
| Benzene | +++++ 0.7175 | 0.7742 0.7049 | 0.7662 0.6657 | 0.8083 | 0.7368 | Ave | | 0.7391 | | | | 6.5 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.3106 | 0.3418 0.2903 | 0.3407 0.2702 | 0.3696 | 0.3310 | Ave | | 0.3220 | | | | 10.5 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | +++++ 1.2280 | 1.3180 1.1902 | 1.3141 1.0684 | 1.4119 | 1.2842 | Ave | | 1.2593 | | | | 8.7 | | 30.0 | | | |
| n-Heptane | +++++ 0.4858 | 0.5335 0.4662 | 0.5251 0.4152 | 0.5666 | 0.5130 | Ave | | 0.5008 | | | | 10.0 | | 30.0 | | | |
| n-Butanol | +++++ 0.1968 | +++++ 0.1905 | +++++ 0.1812 | 0.2058 | 0.2041 | Ave | | 0.1957 | | | | 5.2 | | 30.0 | | | |
| Trichloroethene | 0.3125 0.2961 | 0.3095 0.2908 | 0.3102 0.2857 | 0.3323 | 0.3047 | Ave | | 0.3052 | | | | 4.8 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2998 | 0.3188 0.2920 | 0.3220 0.2723 | 0.3386 | 0.3091 | Ave | | 0.3075 | | | | 7.1 | | 30.0 | | | |
| Methyl methacrylate | +++++ 0.2744 | +++++ 0.2709 | 0.2636 0.2601 | 0.2966 | 0.2800 | Ave | | 0.2742 | | | | 4.8 | | 30.0 | | | |
| 1,4-Dioxane | +++++ 0.1477 | 0.1404 0.1462 | 0.1566 0.1413 | 0.1619 | 0.1508 | Ave | | 0.1493 | | | | 5.3 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Dibromomethane | +++++ 0.2149 | 0.2444 0.2121 | 0.2264 0.2206 | 0.2405 | 0.2214 | Ave | | 0.2258 | | | | 5.5 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.5078 | 0.5131 0.4886 | 0.5173 0.4684 | 0.5787 | 0.5278 | Ave | | 0.5145 | | | | 6.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.4816 | 0.4600 0.4678 | 0.4762 0.4490 | 0.5238 | 0.4942 | Ave | | 0.4790 | | | | 5.1 | | 30.0 | | | |
| methyl isobutyl ketone | +++++ 0.6428 | +++++ 0.6081 | 0.6540 0.5420 | 0.7452 | 0.6797 | Ave | | 0.6453 | | | | 10.6 | | 30.0 | | | |
| Toluene | +++++ 0.5401 | 0.5490 0.5329 | 0.5642 0.5175 | 0.6111 | 0.5560 | Ave | | 0.5530 | | | | 5.4 | | 30.0 | | | |
| n-Octane | +++++ 0.6834 | 0.7392 0.6492 | 0.7271 0.5639 | 0.8034 | 0.7277 | Ave | | 0.6991 | | | | 10.9 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.3745 | 0.3689 0.3628 | 0.3801 0.3476 | 0.4149 | 0.3871 | Ave | | 0.3766 | | | | 5.6 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.2983 | 0.3112 0.2942 | 0.3185 0.2830 | 0.3333 | 0.3071 | Ave | | 0.3065 | | | | 5.4 | | 30.0 | | | |
| Tetrachloroethene | 0.3906 0.3503 | 0.3703 0.3492 | 0.3751 0.3555 | 0.3884 | 0.3566 | Ave | | 0.3670 | | | | 4.5 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | +++++ 0.6846 | +++++ 0.6504 | 0.6790 0.5773 | 0.7881 | 0.7326 | Ave | | 0.6853 | | | | 10.5 | | 30.0 | | | |
| Dibromochloromethane | +++++ 0.5087 | 0.4448 0.4989 | 0.4705 0.4997 | 0.5392 | 0.5046 | Ave | | 0.4952 | | | | 6.1 | | 30.0 | | | |
| 1,2-Dibromoethane | +++++ 0.4865 | 0.4883 0.4804 | 0.4894 0.4751 | 0.5371 | 0.4986 | Ave | | 0.4936 | | | | 4.2 | | 30.0 | | | |
| Chlorobenzene | +++++ 0.6817 | 0.7156 0.6734 | 0.7321 0.6586 | 0.7542 | 0.7018 | Ave | | 0.7025 | | | | 4.8 | | 30.0 | | | |
| Ethylbenzene | +++++ 1.1977 | 1.2623 1.1650 | 1.2648 1.0811 | 1.3576 | 1.2531 | Ave | | 1.2260 | | | | 7.2 | | 30.0 | | | |
| m,p-Xylene | +++++ 0.4375 | 0.4396 0.4312 | 0.4566 0.4195 | 0.4903 | 0.4530 | Ave | | 0.4468 | | | | 5.1 | | 30.0 | | | |
| n-Nonane | +++++ 0.6723 | 0.7075 0.6459 | 0.7111 0.5855 | 0.7759 | 0.7080 | Ave | | 0.6866 | | | | 8.7 | | 30.0 | | | |
| Xylene, o- | +++++ 0.4275 | 0.4193 0.4195 | 0.4494 0.4136 | 0.4712 | 0.4403 | Ave | | 0.4344 | | | | 4.7 | | 30.0 | | | |
| Styrene | +++++ 0.7170 | 0.6199 0.7022 | 0.6935 0.6871 | 0.7773 | 0.7375 | Ave | | 0.7049 | | | | 6.9 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Bromoform | +++++ 0.4435 | 0.2910 0.4362 | 0.3607 0.4571 | 0.4192 | 0.3996 | Ave | | 0.4011 | | | | 14.5 | | 30.0 | | | |
| Cumene | +++++ 1.2554 | 1.3212 1.2147 | 1.3222 1.1238 | 1.4194 | 1.3149 | Ave | | 1.2817 | | | | 7.4 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.8026 | 0.8020 0.7798 | 0.8669 0.7270 | 0.8860 | 0.8291 | Ave | | 0.8133 | | | | 6.6 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.6014 | +++++ 0.5804 | 0.6886 0.5426 | 0.6868 | 0.6322 | Ave | | 0.6220 | | | | 9.4 | | 30.0 | | | |
| n-Propylbenzene | +++++ 1.6213 | 1.6615 1.5547 | 1.7805 1.3498 | 1.8668 | 1.7163 | Ave | | 1.6501 | | | | 10.2 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 0.9780 | 1.0148 0.9467 | 1.0737 0.8769 | 1.1191 | 1.0306 | Ave | | 1.0057 | | | | 8.0 | | 30.0 | | | |
| 4-Ethyltoluene | +++++ 1.2221 | 1.2079 1.1820 | 1.3031 1.0842 | 1.3947 | 1.2873 | Ave | | 1.2402 | | | | 8.0 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.0128 | 0.9421 0.9801 | 1.1046 0.9215 | 1.1664 | 1.0768 | Ave | | 1.0292 | | | | 8.7 | | 30.0 | | | |
| n-Decane | +++++ 0.8677 | +++++ 0.8269 | 0.9311 0.7182 | 1.0125 | 0.9235 | Ave | | 0.8800 | | | | 11.5 | | 30.0 | | | |
| Alpha Methyl Styrene | +++++ 0.5450 | 0.4190 0.5376 | 0.5243 0.5299 | 0.5910 | 0.5625 | Ave | | 0.5299 | | | | 10.2 | | 30.0 | | | |
| tert-Butylbenzene | +++++ 0.9401 | 0.9745 0.9106 | 0.9981 0.8656 | 1.0830 | 0.9993 | Ave | | 0.9673 | | | | 7.3 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.0292 | 0.9868 0.9902 | 1.1258 0.9162 | 1.1802 | 1.0979 | Ave | | 1.0466 | | | | 8.8 | | 30.0 | | | |
| sec-Butylbenzene | +++++ 1.5511 | 1.5548 1.4813 | 1.6620 1.2929 | 1.7984 | 1.6625 | Ave | | 1.5719 | | | | 10.2 | | 30.0 | | | |
| 1,3-Dichlorobenzene | +++++ 0.6541 | 0.5964 0.6372 | 0.6905 0.6336 | 0.7195 | 0.6807 | Ave | | 0.6589 | | | | 6.3 | | 30.0 | | | |
| 4-Isopropyltoluene | +++++ 1.2316 | 1.1592 1.1866 | 1.2991 1.0786 | 1.4136 | 1.3146 | Ave | | 1.2405 | | | | 9.0 | | 30.0 | | | |
| 1,4-Dichlorobenzene | +++++ 0.6496 | 0.6134 0.6305 | 0.6857 0.6308 | 0.7177 | 0.6828 | Ave | | 0.6587 | | | | 5.7 | | 30.0 | | | |
| Benzyl chloride | +++++ 1.0625 | 0.8884 1.0232 | 1.1876 0.9488 | 1.1673 | 1.0761 | Ave | | 1.0506 | | | | 10.3 | | 30.0 | | | |
| n-Butylbenzene | +++++ 1.3945 | 1.2200 1.3182 | 1.4648 1.1569 | 1.6048 | 1.4936 | Ave | | 1.3790 | | | | 11.5 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | +++++ 0.6297 | 0.5783 0.6125 | 0.6842 0.6076 | 0.7015 | 0.6662 | Ave | | 0.6400 | | | | 7.0 | | 30.0 | | | |
| n-Undecane | +++++ 0.9822 | +++++ 0.9247 | +++++ 0.7910 | 1.1510 | 1.0760 | Ave | | 0.9850 | | | | 14.1 | | 30.0 | | | |
| n-Dodecane | +++++ 0.9056 | +++++ 0.8883 | +++++ 0.7516 | 1.1467 | 1.0867 | Ave | | 0.9558 | | | | 16.7 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.4267 | +++++ 0.4189 | 0.4083 0.4522 | 0.4523 | 0.4607 | Ave | | 0.4365 | | | | 4.9 | | 30.0 | | | |
| Hexachlorobutadiene | +++++ 0.3396 | 0.2715 0.3332 | 0.3777 0.3475 | 0.3863 | 0.3764 | Ave | | 0.3475 | | | | 11.3 | | 30.0 | | | |
| Naphthalene | +++++ 1.1022 | 0.4781 1.0530 | 1.2429 1.0639 | 1.2991 | 1.3007 | Ave | | 1.0771 | | | | 26.4 | | 30.0 | | | |
| 1,2,3-Trichlorobenzene | +++++ 0.4024 | +++++ 0.3913 | 0.4599 0.4175 | 0.4639 | 0.4666 | Ave | | 0.4336 | | | | 7.8 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-213031/4 | 63758_004.D |
| Level 2 | IC 200-213031/6 | 63758_006.D |
| Level 3 | IC 200-213031/7 | 63758_007.D |
| Level 4 | IC 200-213031/8 | 63758_008.D |
| Level 5 | ICIS 200-213031/9 | 63758_009.D |
| Level 6 | IC 200-213031/10 | 63758_010.D |
| Level 7 | IC 200-213031/12 | 63758_012.D |
| Level 8 | IC 200-213031/20 | 63758_020.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| Propylene | BCM | Ave | +++++ 1143903 | +++++ 1613271 | +++++ 3250226 | 318166 | 728880 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.25 | 10.00 |
| Dichlorodifluoromethane | BCM | Ave | +++++ 2382002 | +++++ 3347965 | 65171 6907682 | 674143 | 1526028 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Freon 22 | BCM | Ave | +++++ 1860587 | +++++ 2606336 | 51406 5224383 | 527945 | 1198362 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| 1,2-Dichlorotetrafluoroethane | BCM | Ave | +++++ 2601967 | 30702 3689542 | 68854 7789925 | 715114 | 1634984 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Chloromethane | BCM | Ave | +++++ 1173589 | +++++ 1709189 | 31381 3360470 | 317282 | 736696 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Vinyl chloride | BCM | Ave | 3405 1137902 | 13514 1658768 | 28516 3429417 | 293483 | 684483 | 0.0351 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| n-Butane | BCM | Ave | +++++ 1819353 | +++++ 2617022 | 48386 5096474 | 480883 | 1135859 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| 1,3-Butadiene | BCM | Ave | 2957 876756 | 11479 1275030 | 23792 2578171 | 232319 | 531837 | 0.0351 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Bromomethane | BCM | Ave | +++++ 889070 | 10416 1295685 | 22473 2789234 | 232433 | 535725 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Chloroethane | BCM | Ave | +++++ 599313 | +++++ 861891 | 15424 1820126 | 160310 | 363123 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Isopentane | BCM | Ave | +++++ 1482998 | 19027 2080895 | 39903 4172586 | 412612 | 919867 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Bromoethene(Vinyl Bromide) | BCM | Ave | +++++ 809720 | 9185 1178399 | 20658 2573537 | 212374 | 492273 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Trichlorofluoromethane | BCM | Ave | +++++ 2071216 | 25484 2905733 | 56140 6036048 | 580261 | 1301774 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| n-Pentane | BCM | Ave | +++++ 2179838 | +++++ 3056204 | 59027 6036005 | 603140 | 1359426 | +++++ 15.0 | +++++ 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| Ethanol | BCM | Ave | +++++ 774640 | +++++ 1624306 | 153091 4009351 | 221753 | 518192 | +++++ 20.0 | +++++ 40.0 | 4.26 100.0 | 6.38 | 15.0 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether | BCM | Ave | +++++<br>772752 | 8954<br>1104267 | 20135<br>2280334 | 207783 | 475626 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acrolein | BCM | Ave | +++++<br>504845 | +++++<br>706295 | +++++<br>1472763 | 120767 | 282453 | +++++<br>17.6 | +++++<br>23.4 | +++++<br>46.8 | 4.98 | 11.7 |
| 1,1-Dichloroethene | BCM | Ave | 2378<br>913745 | 10693<br>1322970 | 25700<br>2851797 | 242211 | 562968 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Freon TF | BCM | Ave | +++++<br>1835838 | 21651<br>2619712 | 48745<br>5659673 | 494256 | 1130281 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acetone | BCM | Ave | +++++<br>1676453 | +++++<br>2277874 | +++++<br>4493643 | 486353 | 1094116 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| Isopropyl alcohol | BCM | Ave | +++++<br>2119705 | +++++<br>2911960 | +++++<br>5750786 | 578599 | 1313288 | +++++<br>17.4 | +++++<br>23.2 | +++++<br>46.4 | 4.92 | 11.6 |
| Carbon disulfide | BCM | Ave | +++++<br>2924160 | +++++<br>4151318 | 77881<br>8568711 | 788011 | 1792826 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Acetonitrile | BCM | Ave | +++++<br>934786 | +++++<br>1308186 | +++++<br>2598854 | 266832 | 607432 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| 3-Chloropropene | BCM | Ave | +++++<br>1504825 | 17504<br>2085851 | 39337<br>4085782 | 370471 | 836508 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methylene Chloride | BCM | Ave | +++++<br>1290864 | +++++<br>1797755 | 38315<br>3603570 | 361531 | 812370 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| tert-Butyl alcohol | BCM | Ave | +++++<br>2168572 | +++++<br>2992986 | +++++<br>6062353 | 586467 | 1343927 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| Acrylonitrile | BCM | Ave | +++++<br>816204 | +++++<br>1144410 | 20361<br>2332920 | 214939 | 502819 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| trans-1,2-Dichloroethene | BCM | Ave | 3894<br>1485958 | 17675<br>2078338 | 39062<br>4216927 | 408497 | 932946 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl tert-butyl ether | BCM | Ave | +++++<br>2713272 | 32472<br>3791460 | 71257<br>7769796 | 742427 | 1693172 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Hexane | BCM | Ave | +++++<br>1679439 | 20161<br>2368195 | 44753<br>4767879 | 455304 | 1037413 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1-Dichloroethane | BCM | Ave | 5357<br>1909196 | 22197<br>2667029 | 50844<br>5377740 | 530665 | 1190091 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Vinyl acetate | BCM | Ave | +++++<br>3007232 | +++++<br>4139620 | +++++<br>8166661 | 725956 | 1841067 | +++++<br>17.1 | +++++<br>22.8 | +++++<br>45.6 | 4.84 | 11.4 |
| Methyl Ethyl Ketone | BCM | Ave | +++++<br>532038 | +++++<br>755477 | 12934<br>1592672 | 138127 | 327578 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| cis-1,2-Dichloroethene | BCM | Ave | 3214<br>1019444 | 12428<br>1444954 | 26543<br>3089689 | 272365 | 621693 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Ethyl acetate | BCM | Ave | +++++<br>84437 | +++++<br>121151 | +++++<br>262638 | 21844 | 52006 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| Tetrahydrofuran | DFBZ | Ave | +++++ | +++++ | +++++ | 373211 | 837553 | +++++ | +++++ | +++++ | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 1337530 | 1841950 | 3621053 | | | 15.0 | 20.0 | 40.0 | | |
| Chloroform | BCM | Ave | +++++<br>2007224 | 23832<br>2787623 | 52866<br>5751301 | 557287 | 1261618 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1,1-Trichloroethane | DFBZ | Ave | +++++<br>1845265 | 22454<br>2563359 | 49291<br>5331278 | 516070 | 1167695 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Cyclohexane | DFBZ | Ave | +++++<br>1291280 | 14801<br>1840788 | 32284<br>3873935 | 344699 | 796018 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Carbon tetrachloride | DFBZ | Ave | 3452<br>1762555 | 19883<br>2451519 | 45637<br>5164223 | 483577 | 1106469 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Benzene | DFBZ | Ave | +++++<br>3132454 | 36584<br>4426412 | 81931<br>9029555 | 846232 | 1928372 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++<br>1355870 | 16152<br>1822796 | 36437<br>3664637 | 386954 | 866342 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | +++++<br>5361417 | 62281<br>7474017 | 140521<br>14492837 | 1478148 | 3361291 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Heptane | DFBZ | Ave | +++++<br>2120798 | 25212<br>2927667 | 56149<br>5631808 | 593234 | 1342822 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Butanol | DFBZ | Ave | +++++<br>859243 | +++++<br>1196030 | +++++<br>2458221 | 215475 | 534297 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.25 | 10.00 |
| Trichloroethene | DFBZ | Ave | 3423<br>1292827 | 14624<br>1825998 | 33174<br>3874916 | 347884 | 797400 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>1308950 | 15064<br>1833809 | 34438<br>3693510 | 354439 | 809074 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>1197860 | +++++<br>1701044 | 28184<br>3528228 | 310490 | 732744 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>645036 | 6633<br>918360 | 16747<br>1916022 | 169444 | 394657 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Dibromomethane | DFBZ | Ave | +++++<br>938257 | 11547<br>1331873 | 24212<br>2992886 | 251736 | 579598 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromodichloromethane | DFBZ | Ave | +++++<br>2216776 | 24249<br>3068547 | 55319<br>6353848 | 605824 | 1381542 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | +++++<br>2102377 | 21738<br>2937423 | 50926<br>6091106 | 548393 | 1293615 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| methyl isobutyl ketone | DFBZ | Ave | +++++<br>2806207 | +++++<br>3818760 | 69931<br>7351886 | 780146 | 1778956 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Toluene | CBNZd5 | Ave | +++++<br>2116315 | 22652<br>2987885 | 52457<br>6289506 | 567038 | 1307443 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Octane | DFBZ | Ave | +++++<br>2983404 | 34931<br>4077032 | 77748<br>7649067 | 841123 | 1904727 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| trans-1,3-Dichloropropene | DFBZ | Ave | +++++ | 17431 | 40647 | 434387 | 1013212 | +++++ | 0.170 | 0.425 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 1634822 | 2278397 | 4714658 | | | 15.0 | 20.0 | 40.0 | | |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>1168911 | 12840<br>1649399 | 29615<br>3438890 | 309249 | 722261 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Tetrachloroethene | CBNZd5 | Ave | 3695<br>1372473 | 15277<br>1957849 | 34873<br>4320113 | 360409 | 838506 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd5 | Ave | +++++<br>2682404 | +++++<br>3646471 | 63127<br>7016475 | 731283 | 1722821 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Dibromochloromethane | CBNZd5 | Ave | +++++<br>1993037 | 18351<br>2797204 | 43749<br>6073317 | 500327 | 1186631 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2-Dibromoethane | CBNZd5 | Ave | +++++<br>1906353 | 20145<br>2693347 | 45507<br>5774194 | 498383 | 1172485 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>2671234 | 29525<br>3775592 | 68071<br>8004705 | 699771 | 1650277 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>4692826 | 52083<br>6531705 | 117601<br>13139331 | 1259694 | 2946742 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| m,p-Xylene | CBNZd5 | Ave | +++++<br>3428659 | 36277<br>4834748 | 84898<br>10196455 | 909799 | 2130758 | +++++<br>30.0 | 0.341<br>40.0 | 0.851<br>80.0 | 8.50 | 20.0 |
| n-Nonane | CBNZd5 | Ave | +++++<br>2634152 | 29189<br>3621154 | 66120<br>7115839 | 719908 | 1664867 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Xylene, o- | CBNZd5 | Ave | +++++<br>1675094 | 17299<br>2352153 | 41784<br>5026754 | 437261 | 1035427 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Styrene | CBNZd5 | Ave | +++++<br>2809472 | 25575<br>3936689 | 64479<br>8350016 | 721265 | 1734350 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Bromoform | CBNZd5 | Ave | +++++<br>1737840 | 12005<br>2445392 | 33540<br>5555545 | 389001 | 939762 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Cumene | CBNZd5 | Ave | +++++<br>4919114 | 54510<br>6809852 | 122935<br>13657943 | 1317025 | 3092200 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,1,2,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>3144878 | 33090<br>4371591 | 80605<br>8835421 | 822068 | 1949755 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd5 | Ave | +++++<br>2356604 | +++++<br>3253958 | 64023<br>6593958 | 637267 | 1486641 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Propylbenzene | CBNZd5 | Ave | +++++<br>6352875 | 68553<br>8716267 | 165543<br>16404290 | 1732148 | 4036017 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 2-Chlorotoluene | CBNZd5 | Ave | +++++<br>3831867 | 41868<br>5307798 | 99833<br>10656956 | 1038420 | 2423610 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 4-Ethyltoluene | CBNZd5 | Ave | +++++<br>4788323 | 49835<br>6626970 | 121157<br>13177056 | 1294141 | 3027324 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,3,5-Trimethylbenzene | CBNZd5 | Ave | +++++<br>3968259 | 38872<br>5495026 | 102706<br>11199096 | 1082306 | 2532251 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| n-Decane | CBNZd5 | Ave | +++++<br>3399980 | +++++<br>4636037 | 86575<br>8728805 | 939488 | 2171619 | +++++<br>15.0 | +++++<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Alpha Methyl Styrene | CBNZd5 | Ave | +++++<br>2135525 | 17286<br>3013722 | 48751<br>6439817 | 548359 | 1322793 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| tert-Butylbenzene | CBNZd5 | Ave | +++++<br>3683707 | 40205<br>5104957 | 92802<br>10519488 | 1004855 | 2350083 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,2,4-Trimethylbenzene | CBNZd5 | Ave | +++++<br>4032610 | 40716<br>5551231 | 104678<br>11134893 | 1095105 | 2581817 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| sec-Butylbenzene | CBNZd5 | Ave | +++++<br>6077679 | 64149<br>8304779 | 154529<br>15713202 | 1668704 | 3909585 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,3-Dichlorobenzene | CBNZd5 | Ave | +++++<br>2562993 | 24607<br>3572645 | 64200<br>7700204 | 667605 | 1600813 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 4-Isopropyltoluene | CBNZd5 | Ave | +++++<br>4825747 | 47826<br>6652650 | 120791<br>13108559 | 1311668 | 3091564 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| 1,4-Dichlorobenzene | CBNZd5 | Ave | +++++<br>2545253 | 25310<br>3534976 | 63757<br>7666567 | 665961 | 1605776 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |
| Benzyl chloride | CBNZd5 | Ave | +++++<br>4162961 | 36654<br>5736371 | 110420<br>11531645 | 1083084 | 2530634 | +++++<br>15.0 | 0.170<br>20.0 | 0.425<br>40.0 | 4.25 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76720-1 Analy Batch No.: 213031

SDG No.:

Instrument ID: CHAN.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/21/2025 17:45 Calibration End Date: 01/22/2025 07:32 Calibration ID: 54479

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene | CBNZd5 | Ave | +++++ 5463903 | 50338 7390498 | 136190 14059825 | 1489013 | 3512436 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| 1,2-Dichlorobenzene | CBNZd5 | Ave | +++++ 2467456 | 23862 3434038 | 63611 7384805 | 650952 | 1566660 | +++++ 15.0 | 0.170 20.0 | 0.425 40.0 | 4.25 | 10.00 |
| n-Undecane | CBNZd5 | Ave | +++++ 3848533 | +++++ 5184163 | +++++ 9613669 | 1067990 | 2530368 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.25 | 10.00 |
| n-Dodecane | CBNZd5 | Ave | +++++ 3548203 | +++++ 4980305 | +++++ 9133893 | 1063973 | 2555451 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.25 | 10.00 |
| 1,2,4-Trichlorobenzene | CBNZd5 | Ave | +++++ 1961238 | +++++ 2754518 | 44530 6447208 | 492308 | 1270708 | +++++ 17.6 | +++++ 23.5 | 0.499 46.9 | 4.98 | 11.7 |
| Hexachlorobutadiene | CBNZd5 | Ave | +++++ 1495432 | 12591 2099551 | 39476 4747412 | 402915 | 994906 | +++++ 16.9 | 0.192 22.5 | 0.478 45.0 | 4.78 | 11.2 |
| Naphthalene | CBNZd5 | Ave | +++++ 5134889 | 23454 7019468 | 137405 15374343 | 1433217 | 3636992 | +++++ 17.8 | 0.203 23.8 | 0.506 47.6 | 5.05 | 11.9 |
| 1,2,3-Trichlorobenzene | CBNZd5 | Ave | +++++ 1836777 | +++++ 2555673 | 49819 5911747 | 501469 | 1278248 | +++++ 17.5 | +++++ 23.3 | 0.496 46.6 | 4.95 | 11.6 |

Curve Type Legend:
Ave = Average ISTD

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

Calibration Files

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212577/4 | 63594-04.D |
| Level 2 | IC 200-212577/6 | 63594-06.D |
| Level 3 | IC 200-212577/21 | 63594-21.D |
| Level 4 | IC 200-212577/10 | 63594-10.D |
| Level 5 | ICIS 200-212577/11 | 63594-11.D |
| Level 6 | IC 200-212577/12 | 63594-12.D |
| Level 7 | IC 200-212577/15 | 63594-15.D |
| Level 8 | IC 200-212577/16 | 63594-16.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Propylene | +++++ 1.2976 | +++++ 1.1775 | +++++ 0.9988 | 1.1036 | 1.2760 | Ave | | 1.1707 | | | | 10.6 | | 30.0 | | | |
| Dichlorodifluoromethane | +++++ 4.8007 | +++++ 4.6113 | 4.4037 4.2390 | 3.9526 | 4.6670 | Ave | | 4.4457 | | | | 7.0 | | 30.0 | | | |
| Freon 22 | +++++ 2.5379 | +++++ 2.3946 | 2.3502 2.1303 | 2.1003 | 2.4645 | Ave | | 2.3296 | | | | 7.6 | | 30.0 | | | |
| 1,2-Dichlorotetrafluoroethane | +++++ 5.2624 | 5.3446 5.0460 | 4.5561 4.6673 | 4.1863 | 5.0456 | Ave | | 4.8726 | | | | 8.6 | | 30.0 | | | |
| Chloromethane | +++++ 1.5157 | +++++ 1.4616 | 1.4384 1.3629 | 1.2312 | 1.4751 | Ave | | 1.4142 | | | | 7.3 | | 30.0 | | | |
| Vinyl chloride | 1.2873 1.1934 | 1.2272 1.2009 | 1.1661 1.0633 | 0.9338 | 1.1059 | Ave | | 1.1472 | | | | 9.6 | | 30.0 | | | |
| n-Butane | +++++ 1.4082 | +++++ 1.4210 | 1.3892 1.2231 | 1.1153 | 1.3335 | Ave | | 1.3151 | | | | 9.3 | | 30.0 | | | |
| 1,3-Butadiene | 0.4516 0.7814 | 0.7682 0.8074 | 0.7713 0.7116 | 0.6017 | 0.7144 | Ave | | 0.7010 | | | | 17.0 | | 30.0 | | | |
| Bromomethane | +++++ 0.8111 | 0.9846 0.8150 | 0.8409 0.7544 | 0.6518 | 0.7618 | Ave | | 0.8028 | | | | 12.6 | | 30.0 | | | |
| Chloroethane | +++++ 0.5198 | +++++ 0.5570 | 0.6462 0.4945 | 0.4434 | 0.4266 | Ave | | 0.5146 | | | | 15.6 | | 30.0 | | | |
| Isopentane | +++++ 1.2727 | 1.4308 1.2305 | 1.2006 1.2173 | 1.0473 | 1.2599 | Ave | | 1.2370 | | | | 9.2 | | 30.0 | | | |
| Bromoethene(Vinyl Bromide) | +++++ 1.4407 | 1.5264 1.4294 | 1.5108 1.4406 | 1.1735 | 1.4125 | Ave | | 1.4191 | | | | 8.2 | | 30.0 | | | |
| Trichlorofluoromethane | +++++ 3.4381 | 3.7161 3.3201 | 3.3224 3.2399 | 2.8720 | 3.3863 | Ave | | 3.3279 | | | | 7.6 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| n-Pentane | +++++ 1.7890 | +++++ 1.7308 | 1.6856 1.6772 | 1.4851 | 1.7794 | Ave | | 1.6912 | | | | 6.6 | | 30.0 | | | |
| Ethanol | +++++ 0.4484 | +++++ 0.4563 | 0.7773 0.4356 | 0.5087 | 0.4899 | Ave | | 0.5194 | | | | 24.9 | | 30.0 | | | |
| Ethyl ether | +++++ 0.7209 | 0.8271 0.7577 | 0.7627 0.7533 | 0.6398 | 0.7391 | Ave | | 0.7429 | | | | 7.6 | | 30.0 | | | |
| Acrolein | +++++ 0.3622 | +++++ 0.3665 | +++++ 0.3710 | 0.3123 | 0.3751 | Ave | | 0.3574 | | | | 7.2 | | 30.0 | | | |
| 1,1-Dichloroethene | 1.6794 1.2985 | 1.5113 1.2761 | 1.3822 1.2490 | 1.0929 | 1.2883 | Ave | | 1.3472 | | | | 13.3 | | 30.0 | | | |
| Freon TF | +++++ 2.7572 | 3.0634 2.6734 | 2.7003 2.5525 | 2.3025 | 2.7338 | Ave | | 2.6833 | | | | 8.5 | | 30.0 | | | |
| Acetone | +++++ 1.2419 | +++++ 1.2757 | +++++ 1.2223 | 1.2070 | 1.3343 | Ave | | 1.2563 | | | | 4.0 | | 30.0 | | | |
| Carbon disulfide | +++++ 3.2454 | +++++ 3.1314 | 3.8879 3.0484 | 2.8022 | 3.2519 | Ave | | 3.2279 | | | | 11.2 | | 30.0 | | | |
| Isopropyl alcohol | +++++ 1.3470 | +++++ 1.3001 | +++++ 1.2288 | 1.2121 | 1.4112 | Ave | | 1.2998 | | | | 6.4 | | 30.0 | | | |
| Acetonitrile | +++++ 0.5702 | +++++ 0.5635 | +++++ 0.5614 | 0.5195 | 0.5965 | Ave | | 0.5622 | | | | 4.9 | | 30.0 | | | |
| 3-Chloropropene | +++++ 1.0341 | 1.1992 0.9984 | 1.0396 0.9606 | 0.8934 | 1.0442 | Ave | | 1.0242 | | | | 9.2 | | 30.0 | | | |
| Methylene Chloride | +++++ 0.9306 | +++++ 0.8991 | 0.9938 0.8710 | 0.8155 | 0.9437 | Ave | | 0.9089 | | | | 6.8 | | 30.0 | | | |
| tert-Butyl alcohol | +++++ 1.8811 | +++++ 1.8295 | +++++ 1.8223 | 1.5966 | 1.9258 | Ave | | 1.8110 | | | | 7.0 | | 30.0 | | | |
| Acrylonitrile | +++++ 0.5479 | +++++ 0.5585 | 0.5900 0.5592 | 0.4956 | 0.5616 | Ave | | 0.5521 | | | | 5.6 | | 30.0 | | | |
| trans-1,2-Dichloroethene | 1.2386 1.2901 | 1.4308 1.2533 | 1.3024 1.1861 | 1.1190 | 1.3177 | Ave | | 1.2672 | | | | 7.3 | | 30.0 | | | |
| Methyl tert-butyl ether | +++++ 2.7140 | 3.0191 2.7501 | 2.9507 2.6637 | 2.4269 | 2.8273 | Ave | | 2.7645 | | | | 7.1 | | 30.0 | | | |
| n-Hexane | +++++ 1.2774 | 1.3001 1.2519 | 1.1833 1.2097 | 1.0590 | 1.2609 | Ave | | 1.2203 | | | | 6.7 | | 30.0 | | | |
| 1,1-Dichloroethane | 2.1851 1.6256 | 1.8169 1.5867 | 1.6441 1.5017 | 1.4202 | 1.6208 | Ave | | 1.6751 | | | | 14.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Vinyl acetate | +++++ 1.6446 | +++++ 1.6464 | +++++ 1.5600 | 1.4361 | 1.7037 | Ave | | 1.5982 | | | | 6.5 | | 30.0 | | | |
| Methyl Ethyl Ketone | +++++ 0.4695 | +++++ 0.4795 | 0.5571 0.4720 | 0.4246 | 0.4827 | Ave | | 0.4809 | | | | 8.9 | | 30.0 | | | |
| cis-1,2-Dichloroethene | 2.0445 1.1952 | 1.4349 1.1748 | 1.3091 1.1381 | 1.0168 | 1.1848 | Ave | | 1.3123 | | | | 24.4 | | 30.0 | | | |
| Ethyl acetate | +++++ 0.0919 | +++++ 0.0921 | +++++ 0.0902 | 0.0789 | 0.0915 | Ave | | 0.0889 | | | | 6.3 | | 30.0 | | | |
| Tetrahydrofuran | +++++ 0.1695 | +++++ 0.1657 | +++++ 0.1626 | 0.1541 | 0.1755 | Ave | | 0.1655 | | | | 4.8 | | 30.0 | | | |
| Chloroform | +++++ 2.2174 | 2.4469 2.1937 | 2.2048 2.1153 | 1.8843 | 2.2372 | Ave | | 2.1857 | | | | 7.7 | | 30.0 | | | |
| 1,1,1-Trichloroethane | +++++ 0.5343 | 0.5841 0.5141 | 0.4900 0.5057 | 0.4446 | 0.5259 | Ave | | 0.5141 | | | | 8.3 | | 30.0 | | | |
| Cyclohexane | +++++ 0.3086 | 0.2900 0.2980 | 0.2885 0.2973 | 0.2477 | 0.3007 | Ave | | 0.2901 | | | | 6.9 | | 30.0 | | | |
| Carbon tetrachloride | 0.6601 0.6029 | 0.6104 0.5756 | 0.5270 0.5634 | 0.4957 | 0.5913 | Ave | | 0.5783 | | | | 8.8 | | 30.0 | | | |
| Benzene | +++++ 0.6739 | 0.7749 0.6593 | 0.6869 0.6571 | 0.5689 | 0.6717 | Ave | | 0.6704 | | | | 9.0 | | 30.0 | | | |
| 1,2-Dichloroethane | +++++ 0.2914 | 0.3162 0.2805 | 0.2643 0.2770 | 0.2486 | 0.2920 | Ave | | 0.2815 | | | | 7.7 | | 30.0 | | | |
| 2,2,4-Trimethylpentane | +++++ 0.9065 | 0.9061 0.8778 | 0.7988 0.8568 | 0.7470 | 0.9028 | Ave | | 0.8566 | | | | 7.2 | | 30.0 | | | |
| n-Heptane | +++++ 0.2860 | 0.2785 0.2737 | 0.2397 0.2671 | 0.2386 | 0.2857 | Ave | | 0.2670 | | | | 7.6 | | 30.0 | | | |
| n-Butanol | +++++ 0.1416 | +++++ 0.1334 | +++++ 0.1387 | 0.1166 | 0.1425 | Ave | | 0.1346 | | | | 7.9 | | 30.0 | | | |
| Trichloroethene | 0.4058 0.3344 | 0.3739 0.3216 | 0.3441 0.3184 | 0.2809 | 0.3314 | Ave | | 0.3388 | | | | 11.1 | | 30.0 | | | |
| 1,2-Dichloropropane | +++++ 0.2172 | 0.1598 0.2137 | 0.2388 0.2036 | 0.1930 | 0.2211 | Ave | | 0.2067 | | | | 12.2 | | 30.0 | | | |
| Methyl methacrylate | +++++ 0.2244 | +++++ 0.2226 | 0.2150 0.2229 | 0.1933 | 0.2243 | Ave | | 0.2171 | | | | 5.6 | | 30.0 | | | |
| Dibromomethane | +++++ 0.4233 | 0.4887 0.4081 | 0.4086 0.3922 | 0.3638 | 0.4272 | Ave | | 0.4160 | | | | 9.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,4-Dioxane | +++++ 0.1532 | 0.1595 0.1411 | 0.1803 0.1411 | 0.1406 | 0.1624 | Ave | | 0.1540 | | | | 9.6 | | 30.0 | | | |
| Bromodichloromethane | +++++ 0.5314 | 0.5474 0.5170 | 0.5011 0.5104 | 0.4415 | 0.5273 | Ave | | 0.5109 | | | | 6.7 | | 30.0 | | | |
| cis-1,3-Dichloropropene | +++++ 0.4403 | 0.4396 0.4336 | 0.4135 0.4341 | 0.3656 | 0.4399 | Ave | | 0.4238 | | | | 6.4 | | 30.0 | | | |
| methyl isobutyl ketone | +++++ 0.3933 | +++++ 0.3667 | 0.3442 0.3721 | 0.3339 | 0.4012 | Ave | | 0.3685 | | | | 7.2 | | 30.0 | | | |
| Toluene | +++++ 0.5752 | 0.6164 0.5635 | 0.5696 0.5483 | 0.4812 | 0.5724 | Ave | | 0.5610 | | | | 7.3 | | 30.0 | | | |
| n-Octane | +++++ 0.3892 | 0.3595 0.3883 | 0.3799 0.3699 | 0.3315 | 0.4020 | Ave | | 0.3743 | | | | 6.3 | | 30.0 | | | |
| trans-1,3-Dichloropropene | +++++ 0.3647 | 0.3550 0.3633 | 0.3281 0.3656 | 0.3076 | 0.3671 | Ave | | 0.3502 | | | | 6.6 | | 30.0 | | | |
| 1,1,2-Trichloroethane | +++++ 0.2706 | 0.2905 0.2637 | 0.2966 0.2565 | 0.2285 | 0.2723 | Ave | | 0.2684 | | | | 8.4 | | 30.0 | | | |
| Tetrachloroethene | 0.7935 0.6579 | 0.7261 0.6271 | 0.6445 0.5937 | 0.5475 | 0.6546 | Ave | | 0.6556 | | | | 11.6 | | 30.0 | | | |
| Methyl Butyl Ketone (2-Hexanone) | +++++ 0.4109 | +++++ 0.3802 | 0.3212 0.3884 | 0.3239 | 0.4162 | Ave | | 0.3735 | | | | 11.2 | | 30.0 | | | |
| Dibromochloromethane | +++++ 0.7378 | 0.6453 0.7133 | 0.6562 0.6941 | 0.6048 | 0.7292 | Ave | | 0.6830 | | | | 7.2 | | 30.0 | | | |
| 1,2-Dibromoethane | +++++ 0.5975 | 0.6196 0.5739 | 0.5583 0.5574 | 0.4952 | 0.5925 | Ave | | 0.5706 | | | | 7.0 | | 30.0 | | | |
| Chlorobenzene | +++++ 0.8719 | 0.9781 0.8525 | 0.9248 0.8323 | 0.7461 | 0.8706 | Ave | | 0.8681 | | | | 8.4 | | 30.0 | | | |
| Ethylbenzene | +++++ 1.2790 | 1.4425 1.2571 | 1.3032 1.2276 | 1.0778 | 1.2927 | Ave | | 1.2685 | | | | 8.5 | | 30.0 | | | |
| m,p-Xylene | +++++ 0.5260 | 0.5570 0.5129 | 0.5358 0.4845 | 0.4457 | 0.5332 | Ave | | 0.5136 | | | | 7.3 | | 30.0 | | | |
| n-Nonane | +++++ 0.4848 | 0.4273 0.4719 | 0.4950 0.4441 | 0.4084 | 0.4945 | Ave | | 0.4609 | | | | 7.5 | | 30.0 | | | |
| Xylene, o- | +++++ 0.5026 | 0.5304 0.4980 | 0.5216 0.4751 | 0.4277 | 0.5149 | Ave | | 0.4957 | | | | 7.1 | | 30.0 | | | |
| Styrene | +++++ 0.8031 | 0.7787 0.7927 | 0.7441 0.7640 | 0.6764 | 0.8171 | Ave | | 0.7680 | | | | 6.1 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| Bromoform | +++++ 0.7712 | 0.5772 0.7499 | 0.6757 0.7290 | 0.6441 | 0.7737 | Ave | | 0.7030 | | | | 10.5 | | 30.0 | | | |
| Cumene | +++++ 1.5076 | 1.6464 1.4728 | 1.6009 1.4186 | 1.3288 | 1.5604 | Ave | | 1.5051 | | | | 7.3 | | 30.0 | | | |
| 1,1,2,2-Tetrachloroethane | +++++ 0.7296 | 0.7795 0.6988 | 0.7711 0.6690 | 0.6338 | 0.7473 | Ave | | 0.7184 | | | | 7.5 | | 30.0 | | | |
| 1,2,3-Trichloropropane | +++++ 0.5387 | +++++ 0.5176 | 0.6157 0.5065 | 0.4724 | 0.5559 | Ave | | 0.5345 | | | | 9.2 | | 30.0 | | | |
| n-Propylbenzene | +++++ 1.6665 | 1.7642 1.6091 | 1.7889 1.5665 | 1.4936 | 1.7371 | Ave | | 1.6609 | | | | 6.6 | | 30.0 | | | |
| 2-Chlorotoluene | +++++ 1.0460 | 1.1898 1.0259 | 1.1660 0.9947 | 0.9156 | 1.0965 | Ave | | 1.0621 | | | | 9.1 | | 30.0 | | | |
| 4-Ethyltoluene | +++++ 1.4545 | 1.5818 1.3922 | 1.5335 1.3505 | 1.3007 | 1.5305 | Ave | | 1.4491 | | | | 7.3 | | 30.0 | | | |
| 1,3,5-Trimethylbenzene | +++++ 1.2888 | 1.3658 1.2111 | 1.3633 1.1577 | 1.1487 | 1.3439 | Ave | | 1.2685 | | | | 7.5 | | 30.0 | | | |
| n-Decane | +++++ 0.6786 | +++++ 0.6259 | 0.6615 0.5735 | 0.5778 | 0.6986 | Ave | | 0.6360 | | | | 8.3 | | 30.0 | | | |
| Alpha Methyl Styrene | +++++ 0.6813 | 0.5768 0.6493 | 0.6086 0.6331 | 0.5886 | 0.7076 | Ave | | 0.6350 | | | | 7.6 | | 30.0 | | | |
| tert-Butylbenzene | +++++ 1.3848 | 1.4896 1.2750 | 1.4376 1.2066 | 1.2228 | 1.4313 | Ave | | 1.3497 | | | | 8.4 | | 30.0 | | | |
| 1,2,4-Trimethylbenzene | +++++ 1.3022 | 1.3347 1.2053 | 1.3858 1.1601 | 1.1816 | 1.3693 | Ave | | 1.2770 | | | | 7.3 | | 30.0 | | | |
| sec-Butylbenzene | +++++ 1.9396 | 2.0734 1.7768 | 2.0706 1.6572 | 1.7580 | 2.0340 | Ave | | 1.9014 | | | | 8.9 | | 30.0 | | | |
| 1,3-Dichlorobenzene | +++++ 0.9999 | 1.0214 0.9302 | 1.0167 0.8821 | 0.8780 | 1.0419 | Ave | | 0.9672 | | | | 7.1 | | 30.0 | | | |
| 4-Isopropyltoluene | +++++ 1.8697 | 1.7796 1.6925 | 1.7551 1.5507 | 1.6110 | 1.9424 | Ave | | 1.7430 | | | | 7.9 | | 30.0 | | | |
| 1,4-Dichlorobenzene | +++++ 0.9790 | 1.0123 0.9087 | 1.0083 0.8680 | 0.8511 | 1.0320 | Ave | | 0.9513 | | | | 7.8 | | 30.0 | | | |
| Benzyl chloride | +++++ 1.1945 | 0.8337 1.1047 | 0.8110 1.0827 | 0.9364 | 1.2272 | Ave | | 1.0272 | | | | 16.4 | | 30.0 | | | |
| n-Butylbenzene | +++++ 1.6638 | 1.2752 1.4999 | 1.2690 1.3970 | 1.3226 | 1.6896 | Ave | | 1.4453 | | | | 12.2 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD /RSE | # | MAX %RSD /RSE | R^2 OR COD | # | MIN R^2 OR COD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| 1,2-Dichlorobenzene | +++++ 1.0084 | 1.0575 0.9165 | 1.0323 0.8481 | 0.8941 | 1.0503 | Ave | | 0.9724 | | | | 8.7 | | 30.0 | | | |
| n-Undecane | +++++ 0.8427 | +++++ 0.7621 | +++++ 0.7005 | 0.6543 | 0.8586 | Ave | | 0.7636 | | | | 11.6 | | 30.0 | | | |
| n-Dodecane | +++++ 0.8563 | +++++ 0.7738 | +++++ 0.7565 | 0.5838 | 0.7740 | Ave | | 0.7489 | | | | 13.4 | | 30.0 | | | |
| 1,2,4-Trichlorobenzene | +++++ 0.8179 | +++++ 0.7613 | 0.5509 0.8315 | 0.4643 | 0.7598 | Ave | | 0.6976 | | | | 21.9 | | 30.0 | | | |
| Hexachlorobutadiene | +++++ 1.0721 | 1.0435 0.9631 | 1.0076 0.8966 | 0.8172 | 1.0844 | Ave | | 0.9835 | | | | 10.0 | | 30.0 | | | |
| Naphthalene | +++++ 1.7065 | 0.9000 1.5890 | 1.2714 1.7977 | 1.0327 | 1.5373 | Ave | | 1.4049 | | | | 24.5 | | 30.0 | | | |
| 1,2,3-Trichlorobenzene | +++++ 0.8396 | +++++ 0.7830 | 0.7409 0.8450 | 0.5258 | 0.7828 | Ave | | 0.7529 | | | | 15.7 | | 30.0 | | | |

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-76733-1 | Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 | Calibration End Date: 01/07/2025 11:22 | Calibration ID: 54292

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---|---|---|
| Level 1 | IC 200-212577/4 | 63594-04.D |
| Level 2 | IC 200-212577/6 | 63594-06.D |
| Level 3 | IC 200-212577/21 | 63594-21.D |
| Level 4 | IC 200-212577/10 | 63594-10.D |
| Level 5 | ICIS 200-212577/11 | 63594-11.D |
| Level 6 | IC 200-212577/12 | 63594-12.D |
| Level 7 | IC 200-212577/15 | 63594-15.D |
| Level 8 | IC 200-212577/16 | 63594-16.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Propylene | BCM | Ave | +++++<br>200104 | +++++<br>263631 | +++++<br>480510 | 43394 | 121426 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Dichlorodifluoromethane | BCM | Ave | +++++<br>740310 | +++++<br>1032447 | 24048<br>2039271 | 155412 | 444101 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Freon 22 | BCM | Ave | +++++<br>391361 | +++++<br>536133 | 12834<br>1024822 | 82581 | 234516 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dichlorotetrafluoroethane | BCM | Ave | +++++<br>811509 | 9163<br>1129777 | 24880<br>2245338 | 164601 | 480129 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Chloromethane | BCM | Ave | +++++<br>233742 | +++++<br>327252 | 7855<br>655672 | 48408 | 140366 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Vinyl chloride | BCM | Ave | 476<br>184033 | 2104<br>268879 | 6368<br>511526 | 36717 | 105233 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Butane | BCM | Ave | +++++<br>217154 | +++++<br>318165 | 7586<br>588421 | 43853 | 126896 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,3-Butadiene | BCM | Ave | 167<br>120494 | 1317<br>180774 | 4212<br>342354 | 23657 | 67982 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromomethane | BCM | Ave | +++++<br>125077 | 1688<br>182463 | 4592<br>362908 | 25627 | 72491 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Chloroethane | BCM | Ave | +++++<br>80163 | +++++<br>124706 | 3529<br>237911 | 17434 | 40593 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Isopentane | BCM | Ave | +++++<br>196259 | 2453<br>275495 | 6556<br>585600 | 41177 | 119888 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromoethene(Vinyl Bromide) | BCM | Ave | +++++<br>222171 | 2617<br>320041 | 8250<br>693027 | 46141 | 134407 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Trichlorofluoromethane | BCM | Ave | +++++<br>530193 | 6371<br>743358 | 18143<br>1558630 | 112923 | 322240 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Pentane | BCM | Ave | +++++<br>275882 | +++++<br>387514 | 9205<br>806842 | 58393 | 169329 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Ethanol | BCM | Ave | +++++<br>92387 | +++++<br>204344 | 8495<br>523860 | 40032 | 69951 | +++++<br>20.0 | +++++<br>40.0 | 0.849<br>100.0 | 8.49 | 15.0 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| Ethyl ether | BCM | Ave | +++++<br>111162 | 1418<br>169641 | 4165<br>362382 | 25158 | 70328 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Acrolein | BCM | Ave | +++++<br>65405 | +++++<br>96096 | +++++<br>208990 | 14381 | 41799 | +++++<br>17.6 | +++++<br>23.4 | +++++<br>46.8 | 4.97 | 11.7 |
| 1,1-Dichloroethene | BCM | Ave | 621<br>200239 | 2591<br>285702 | 7548<br>600857 | 42971 | 122595 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Freon TF | BCM | Ave | +++++<br>425180 | 5252<br>598565 | 14746<br>1227925 | 90533 | 260147 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Acetone | BCM | Ave | +++++<br>191511 | +++++<br>285627 | +++++<br>588022 | 47458 | 126974 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Carbon disulfide | BCM | Ave | +++++<br>500465 | +++++<br>701099 | 21231<br>1466513 | 110180 | 309442 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Isopropyl alcohol | BCM | Ave | +++++<br>240740 | +++++<br>337363 | +++++<br>685145 | 55237 | 155644 | +++++<br>17.4 | +++++<br>23.2 | +++++<br>46.4 | 4.92 | 11.6 |
| Acetonitrile | BCM | Ave | +++++<br>87928 | +++++<br>126175 | +++++<br>270087 | 20428 | 56759 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| 3-Chloropropene | BCM | Ave | +++++<br>159468 | 2056<br>223531 | 5677<br>462112 | 35128 | 99360 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methylene Chloride | BCM | Ave | +++++<br>143501 | +++++<br>201299 | 5427<br>418996 | 32065 | 89798 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| tert-Butyl alcohol | BCM | Ave | +++++<br>290076 | +++++<br>409613 | +++++<br>876668 | 62775 | 183253 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Acrylonitrile | BCM | Ave | +++++<br>84491 | +++++<br>125038 | 3222<br>269006 | 19488 | 53445 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| trans-1,2-Dichloroethene | BCM | Ave | 458<br>198944 | 2453<br>280600 | 7112<br>570609 | 43996 | 125393 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl tert-butyl ether | BCM | Ave | +++++<br>418526 | 5176<br>615730 | 16113<br>1281426 | 95423 | 269044 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Hexane | BCM | Ave | +++++<br>196989 | 2229<br>280286 | 6462<br>581963 | 41639 | 119987 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1-Dichloroethane | BCM | Ave | 808<br>250679 | 3115<br>355257 | 8978<br>722449 | 55840 | 154232 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Vinyl acetate | BCM | Ave | +++++<br>288873 | +++++<br>419854 | +++++<br>854796 | 64314 | 184654 | +++++<br>17.1 | +++++<br>22.8 | +++++<br>45.6 | 4.83 | 11.4 |
| Methyl Ethyl Ketone | BCM | Ave | +++++<br>72408 | +++++<br>107352 | 3042<br>227087 | 16696 | 45930 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| cis-1,2-Dichloroethene | BCM | Ave | 756<br>184305 | 2460<br>263033 | 7149<br>547510 | 39979 | 112743 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Ethyl acetate | BCM | Ave | +++++<br>14166 | +++++<br>20611 | +++++<br>43382 | 3102 | 8703 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Tetrahydrofuran | DFBZ | Ave | +++++ | +++++ | +++++ | 27932 | 77094 | +++++ | +++++ | +++++ | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 119847 | 174587 | 361081 | | | 15.0 | 20.0 | 40.0 | | |
| Chloroform | BCM | Ave | +++++<br>341951 | 4195<br>491160 | 12040<br>1017611 | 74090 | 212886 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,1-Trichloroethane | DFBZ | Ave | +++++<br>377830 | 4658<br>541760 | 12697<br>1123221 | 80607 | 231009 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Cyclohexane | DFBZ | Ave | +++++<br>218201 | 2313<br>314037 | 7475<br>660437 | 44900 | 132057 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Carbon tetrachloride | DFBZ | Ave | 1145<br>426338 | 4868<br>606524 | 13656<br>1251577 | 89862 | 259724 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Benzene | DFBZ | Ave | +++++<br>476533 | 6180<br>694737 | 17799<br>1459601 | 103142 | 295013 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dichloroethane | DFBZ | Ave | +++++<br>206088 | 2522<br>295632 | 6848<br>615343 | 45078 | 128257 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 2,2,4-Trimethylpentane | DFBZ | Ave | +++++<br>641053 | 7226<br>925024 | 20699<br>1903235 | 135426 | 396548 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Heptane | DFBZ | Ave | +++++<br>202280 | 2221<br>288388 | 6211<br>593237 | 43248 | 125493 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Butanol | DFBZ | Ave | +++++<br>100099 | +++++<br>140604 | +++++<br>308146 | 21147 | 62606 | +++++<br>15.0 | +++++<br>20.0 | +++++<br>40.0 | 4.24 | 10.00 |
| Trichloroethene | DFBZ | Ave | 704<br>236492 | 2982<br>338882 | 8916<br>707216 | 50929 | 145550 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dichloropropane | DFBZ | Ave | +++++<br>153608 | 1274<br>225206 | 6189<br>452272 | 34988 | 97120 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl methacrylate | DFBZ | Ave | +++++<br>158665 | +++++<br>234623 | 5570<br>495151 | 35051 | 98526 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Dibromomethane | DFBZ | Ave | +++++<br>299310 | 3897<br>430007 | 10588<br>871179 | 65953 | 187643 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,4-Dioxane | DFBZ | Ave | +++++<br>108365 | 1272<br>148669 | 4673<br>313429 | 25485 | 71321 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromodichloromethane | DFBZ | Ave | +++++<br>375802 | 4365<br>544758 | 12984<br>1133666 | 80032 | 231621 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| cis-1,3-Dichloropropene | DFBZ | Ave | +++++<br>311374 | 3506<br>456927 | 10716<br>964313 | 66282 | 193210 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| methyl isobutyl ketone | DFBZ | Ave | +++++<br>278112 | +++++<br>386378 | 8920<br>826447 | 60530 | 176210 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Toluene | CBNZd5 | Ave | +++++<br>372198 | 4558<br>557574 | 13267<br>1158720 | 81303 | 232105 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| n-Octane | DFBZ | Ave | +++++<br>275241 | 2867<br>409169 | 9845<br>821639 | 60093 | 176569 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| trans-1,3-Dichloropropene | DFBZ | Ave | +++++ | 2831 | 8502 | 55771 | 161246 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington | Job No.: 200-76733-1 | Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i | GC Column: RTX-624 | ID: 0.32(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 | Calibration End Date: 01/07/2025 11:22 | Calibration ID: 54292

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 | LVL 1<br>LVL 6 | LVL 2<br>LVL 7 | LVL 3<br>LVL 8 | LVL 4 | LVL 5 |
| | | | 257903 | 382875 | 812174 | | | 15.0 | 20.0 | 40.0 | | |
| 1,1,2-Trichloroethane | CBNZd5 | Ave | +++++<br>175083 | 2148<br>260963 | 6909<br>542079 | 38607 | 110428 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Tetrachloroethene | CBNZd5 | Ave | 1272<br>425664 | 5369<br>620439 | 15012<br>1254644 | 92495 | 265440 | 0.0351<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Methyl Butyl Ketone (2-Hexanone) | CBNZd5 | Ave | +++++<br>265859 | +++++<br>376191 | 7481<br>820716 | 54725 | 168793 | +++++<br>15.0 | +++++<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Dibromochloromethane | CBNZd5 | Ave | +++++<br>477377 | 4772<br>705785 | 15284<br>1466694 | 102188 | 295716 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,2-Dibromoethane | CBNZd5 | Ave | +++++<br>386638 | 4582<br>567880 | 13003<br>1177946 | 83657 | 240267 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Chlorobenzene | CBNZd5 | Ave | +++++<br>564134 | 7233<br>843536 | 21540<br>1758676 | 126058 | 353057 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Ethylbenzene | CBNZd5 | Ave | +++++<br>827595 | 10667<br>1243788 | 30353<br>2594073 | 182091 | 524191 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| m,p-Xylene | CBNZd5 | Ave | +++++<br>680742 | 8238<br>1014876 | 24961<br>2047425 | 150596 | 432470 | +++++<br>30.0 | 0.341<br>40.0 | 0.849<br>80.0 | 8.49 | 20.0 |
| n-Nonane | CBNZd5 | Ave | +++++<br>313682 | 3160<br>466881 | 11530<br>938449 | 69001 | 200514 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Xylene, o- | CBNZd5 | Ave | +++++<br>325210 | 3922<br>492784 | 12148<br>1003895 | 72257 | 208797 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Styrene | CBNZd5 | Ave | +++++<br>519676 | 5758<br>784303 | 17331<br>1614467 | 114277 | 331331 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Bromoform | CBNZd5 | Ave | +++++<br>499036 | 4268<br>741974 | 15738<br>1540365 | 108813 | 313736 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| Cumene | CBNZd5 | Ave | +++++<br>975485 | 12175<br>1457208 | 37287<br>2997589 | 224496 | 632771 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |
| 1,1,2,2-Tetrachloroethane | CBNZd5 | Ave | +++++<br>472079 | 5764<br>691458 | 17960<br>1413641 | 107081 | 303051 | +++++<br>15.0 | 0.170<br>20.0 | 0.424<br>40.0 | 4.24 | 10.00 |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| 1,2,3-Trichloropropane | CBNZd5 | Ave | +++++ | +++++ | 14341 | 79812 | 225403 | +++++ | +++++ | 0.424 | 4.24 | 10.00 |
| | | | 348592 | 512151 | 1070229 | | | 15.0 | 20.0 | 40.0 | | |
| n-Propylbenzene | CBNZd5 | Ave | +++++ | 13046 | 41666 | 252352 | 704408 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1078312 | 1592138 | 3310250 | | | 15.0 | 20.0 | 40.0 | | |
| 2-Chlorotoluene | CBNZd5 | Ave | +++++ | 8798 | 27159 | 154692 | 444622 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 676813 | 1015072 | 2101869 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Ethyltoluene | CBNZd5 | Ave | +++++ | 11697 | 35718 | 219751 | 620628 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 941151 | 1377523 | 2853787 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3,5-Trimethylbenzene | CBNZd5 | Ave | +++++ | 10100 | 31754 | 194075 | 544974 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 833937 | 1198336 | 2446298 | | | 15.0 | 20.0 | 40.0 | | |
| n-Decane | CBNZd5 | Ave | +++++ | +++++ | 15407 | 97627 | 283286 | +++++ | +++++ | 0.424 | 4.24 | 10.00 |
| | | | 439090 | 619318 | 1211794 | | | 15.0 | 20.0 | 40.0 | | |
| Alpha Methyl Styrene | CBNZd5 | Ave | +++++ | 4265 | 14175 | 99449 | 286949 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 440832 | 642407 | 1337918 | | | 15.0 | 20.0 | 40.0 | | |
| tert-Butylbenzene | CBNZd5 | Ave | +++++ | 11015 | 33483 | 206589 | 580390 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 896019 | 1261571 | 2549669 | | | 15.0 | 20.0 | 40.0 | | |
| 1,2,4-Trimethylbenzene | CBNZd5 | Ave | +++++ | 9870 | 32277 | 199631 | 555260 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 842561 | 1192597 | 2451371 | | | 15.0 | 20.0 | 40.0 | | |
| sec-Butylbenzene | CBNZd5 | Ave | +++++ | 15332 | 48227 | 297022 | 824806 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1255017 | 1758026 | 3501827 | | | 15.0 | 20.0 | 40.0 | | |
| 1,3-Dichlorobenzene | CBNZd5 | Ave | +++++ | 7553 | 23680 | 148333 | 422492 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 646989 | 920414 | 1863954 | | | 15.0 | 20.0 | 40.0 | | |
| 4-Isopropyltoluene | CBNZd5 | Ave | +++++ | 13160 | 40880 | 272178 | 787670 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 1209818 | 1674594 | 3276872 | | | 15.0 | 20.0 | 40.0 | | |
| 1,4-Dichlorobenzene | CBNZd5 | Ave | +++++ | 7486 | 23484 | 143788 | 418486 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 633464 | 899085 | 1834142 | | | 15.0 | 20.0 | 40.0 | | |
| Benzyl chloride | CBNZd5 | Ave | +++++ | 6165 | 18890 | 158205 | 497657 | +++++ | 0.170 | 0.424 | 4.24 | 10.00 |
| | | | 772915 | 1093075 | 2287897 | | | 15.0 | 20.0 | 40.0 | | |

FORM VI
AIR - GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 200-76733-1 Analy Batch No.: 212577

SDG No.:

Instrument ID: CHX.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/06/2025 18:57 Calibration End Date: 01/07/2025 11:22 Calibration ID: 54292

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (PPB V/V) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 | LVL 1 LVL 6 | LVL 2 LVL 7 | LVL 3 LVL 8 | LVL 4 | LVL 5 |
| n-Butylbenzene | CBNZd5 | Ave | +++++ 1076595 | 9430 1484019 | 29557 2952071 | 223458 | 685130 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| 1,2-Dichlorobenzene | CBNZd5 | Ave | +++++ 652492 | 7820 906797 | 24043 1792099 | 151055 | 425895 | +++++ 15.0 | 0.170 20.0 | 0.424 40.0 | 4.24 | 10.00 |
| n-Undecane | CBNZd5 | Ave | +++++ 545283 | +++++ 754018 | +++++ 1480240 | 110546 | 348160 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.24 | 10.00 |
| n-Dodecane | CBNZd5 | Ave | +++++ 554084 | +++++ 765675 | +++++ 1598626 | 98640 | 313883 | +++++ 15.0 | +++++ 20.0 | +++++ 40.0 | 4.24 | 10.00 |
| 1,2,4-Trichlorobenzene | CBNZd5 | Ave | +++++ 620757 | +++++ 883597 | 15052 2060989 | 92007 | 361394 | +++++ 17.6 | +++++ 23.5 | 0.498 46.9 | 4.98 | 11.7 |
| Hexachlorobutadiene | CBNZd5 | Ave | +++++ 779708 | 8673 1071090 | 26380 2129457 | 155188 | 494274 | +++++ 16.9 | 0.192 22.5 | 0.477 45.0 | 4.77 | 11.2 |
| Naphthalene | CBNZd5 | Ave | +++++ 1312897 | 7913 1869348 | 35209 4516784 | 207451 | 741226 | +++++ 17.8 | 0.203 23.8 | 0.505 47.6 | 5.05 | 11.9 |
| 1,2,3-Trichlorobenzene | CBNZd5 | Ave | +++++ 632902 | +++++ 902614 | 20104 2080288 | 103496 | 369808 | +++++ 17.5 | +++++ 23.3 | 0.494 46.6 | 4.94 | 11.6 |

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: ICV 200-212348/3 Calibration Date: 12/21/2024 15:02

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 6379_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 0.7613 | 0.9465 | | 12.4 | 10.0 | 24.3 | 30.0 |
| Dichlorodifluoromethane | Ave | 3.134 | 3.516 | | 11.2 | 10.0 | 12.2 | 30.0 |
| Freon 22 | Ave | 1.815 | 2.062 | | 11.4 | 10.0 | 13.6 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.299 | 3.885 | | 11.8 | 10.0 | 17.8 | 30.0 |
| Chloromethane | Ave | 1.074 | 1.180 | | 11.0 | 10.0 | 9.9 | 30.0 |
| n-Butane | Ave | 2.472 | 2.117 | | 8.56 | 10.0 | -14.4 | 30.0 |
| Vinyl chloride | Ave | 1.834 | 1.538 | | 8.38 | 10.0 | -16.1 | 30.0 |
| 1,3-Butadiene | Ave | 1.457 | 1.145 | | 7.86 | 10.0 | -21.4 | 30.0 |
| Bromomethane | Ave | 1.231 | 1.427 | | 11.6 | 10.0 | 15.9 | 30.0 |
| Chloroethane | Ave | 0.7280 | 0.8089 | | 11.1 | 10.0 | 11.1 | 30.0 |
| Isopentane | Ave | 1.455 | 1.600 | | 11.0 | 10.0 | 10.0 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.203 | 1.421 | | 11.8 | 10.0 | 18.1 | 30.0 |
| Trichlorofluoromethane | Ave | 3.284 | 3.610 | | 11.0 | 10.0 | 10.0 | 30.0 |
| n-Pentane | Ave | 2.370 | 2.434 | | 10.3 | 10.0 | 2.7 | 30.0 |
| Ethanol | Ave | 0.6566 | 0.6484 | | 14.8 | 15.0 | -1.2 | 30.0 |
| Ethyl ether | Ave | 0.995 | 1.056 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Acrolein | Ave | 0.5604 | 0.6668 | | 11.9 | 10.0 | 19.0 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.404 | 1.476 | | 10.5 | 10.0 | 5.2 | 30.0 |
| Freon TF | Ave | 3.041 | 3.074 | | 10.1 | 10.0 | 1.1 | 30.0 |
| Acetone | Ave | 2.302 | 2.122 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Isopropyl alcohol | Ave | 2.332 | 2.465 | | 10.6 | 10.0 | 5.7 | 30.0 |
| Carbon disulfide | Ave | 4.505 | 4.456 | | 9.89 | 10.0 | -1.1 | 30.0 |
| Acetonitrile | Ave | 1.186 | 0.999 | | 8.42 | 10.0 | -15.8 | 30.0 |
| 3-Chloropropene | Ave | 2.035 | 1.930 | | 9.48 | 10.0 | -5.2 | 30.0 |
| Methylene Chloride | Ave | 1.895 | 1.758 | | 9.27 | 10.0 | -7.3 | 30.0 |
| tert-Butyl alcohol | Ave | 3.024 | 2.849 | | 9.42 | 10.0 | -5.8 | 30.0 |
| Acrylonitrile | Ave | 1.206 | 1.154 | | 9.57 | 10.0 | -4.3 | 30.0 |
| Methyl tert-butyl ether | Ave | 4.100 | 4.173 | | 10.2 | 10.0 | 1.8 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 2.314 | 2.302 | | 9.95 | 10.0 | -0.5 | 30.0 |
| n-Hexane | Ave | 2.437 | 2.420 | | 9.93 | 10.0 | -0.7 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.947 | 2.791 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Vinyl acetate | Ave | 3.302 | 3.563 | | 10.8 | 10.0 | 7.9 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.8062 | 0.7745 | | 9.60 | 10.0 | -3.9 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.589 | 1.593 | | 10.0 | 10.0 | 0.3 | 30.0 |
| Ethyl acetate | Ave | 0.1310 | 0.1366 | | 10.4 | 10.0 | 4.2 | 30.0 |
| Tetrahydrofuran | Ave | 0.3851 | 0.3503 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Chloroform | Ave | 3.305 | 3.224 | | 9.75 | 10.0 | -2.4 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.6362 | 0.6384 | | 10.0 | 10.0 | 0.3 | 30.0 |
| Cyclohexane | Ave | 0.4114 | 0.4210 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Carbon tetrachloride | Ave | 0.6227 | 0.6447 | | 10.4 | 10.0 | 3.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: ICV 200-212348/3 Calibration Date: 12/21/2024 15:02

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 6379_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 1.009 | 1.012 | | 10.0 | 10.0 | 0.4 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4492 | 0.4216 | | 9.38 | 10.0 | -6.1 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.624 | 1.639 | | 10.1 | 10.0 | 0.9 | 30.0 |
| n-Heptane | Ave | 0.5931 | 0.5911 | | 9.96 | 10.0 | -0.3 | 30.0 |
| n-Butanol | Ave | 0.2335 | 0.2094 | | 8.97 | 10.0 | -10.3 | 30.0 |
| Trichloroethene | Ave | 0.4367 | 0.4434 | | 10.2 | 10.0 | 1.6 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4102 | 0.3969 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Methyl methacrylate | Ave | 0.3687 | 0.3645 | | 9.88 | 10.0 | -1.1 | 30.0 |
| 1,4-Dioxane | Ave | 0.2185 | 0.1840 | | 8.42 | 10.0 | -15.8 | 30.0 |
| Dibromomethane | Ave | 0.3484 | 0.3665 | | 10.5 | 10.0 | 5.2 | 30.0 |
| Bromodichloromethane | Ave | 0.7333 | 0.7321 | | 9.98 | 10.0 | -0.2 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.6263 | 0.6386 | | 10.2 | 10.0 | 2.0 | 30.0 |
| methyl isobutyl ketone | Ave | 0.7814 | 0.7618 | | 9.75 | 10.0 | -2.5 | 30.0 |
| Toluene | Ave | 0.7265 | 0.7638 | | 10.5 | 10.0 | 5.1 | 30.0 |
| n-Octane | Ave | 0.8126 | 0.8138 | | 10.0 | 10.0 | 0.1 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5009 | 0.5548 | | 11.1 | 10.0 | 10.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.4123 | 0.4146 | | 10.1 | 10.0 | 0.6 | 30.0 |
| Tetrachloroethene | Ave | 0.5168 | 0.5709 | | 11.0 | 10.0 | 10.5 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.7905 | 0.7969 | | 10.1 | 10.0 | 0.8 | 30.0 |
| Dibromochloromethane | Ave | 0.7254 | 0.7665 | | 10.6 | 10.0 | 5.7 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.6880 | 0.7089 | | 10.3 | 10.0 | 3.0 | 30.0 |
| Chlorobenzene | Ave | 0.9689 | 0.997 | | 10.3 | 10.0 | 2.9 | 30.0 |
| Ethylbenzene | Ave | 1.618 | 1.684 | | 10.4 | 10.0 | 4.1 | 30.0 |
| m,p-Xylene | Ave | 0.5881 | 0.6259 | | 21.3 | 20.0 | 6.4 | 30.0 |
| n-Nonane | Ave | 0.8632 | 0.8760 | | 10.1 | 10.0 | 1.5 | 30.0 |
| Xylene, o- | Ave | 0.5513 | 0.6026 | | 10.9 | 10.0 | 9.3 | 30.0 |
| Styrene | Ave | 0.9064 | 0.995 | | 11.0 | 10.0 | 9.8 | 30.0 |
| Bromoform | Ave | 0.6418 | 0.7227 | | 11.3 | 10.0 | 12.6 | 30.0 |
| Cumene | Ave | 1.641 | 1.792 | | 10.9 | 10.0 | 9.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.085 | 1.066 | | 9.83 | 10.0 | -1.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.8443 | 0.8175 | | 9.68 | 10.0 | -3.2 | 30.0 |
| n-Propylbenzene | Ave | 2.145 | 2.265 | | 10.6 | 10.0 | 5.6 | 30.0 |
| 2-Chlorotoluene | Ave | 1.425 | 1.451 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 4-Ethyltoluene | Ave | 1.642 | 1.797 | | 10.9 | 10.0 | 9.4 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.387 | 1.487 | | 10.7 | 10.0 | 7.2 | 30.0 |
| n-Decane | Ave | 1.134 | 1.130 | | 9.96 | 10.0 | -0.4 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6791 | 0.7529 | | 11.1 | 10.0 | 10.9 | 30.0 |
| tert-Butylbenzene | Ave | 1.273 | 1.390 | | 10.9 | 10.0 | 9.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.377 | 1.490 | | 10.8 | 10.0 | 8.2 | 30.0 |
| sec-Butylbenzene | Ave | 2.033 | 2.213 | | 10.9 | 10.0 | 8.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: ICV 200-212348/3 Calibration Date: 12/21/2024 15:02

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 6379_003.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.9350 | 0.9942 | | 10.6 | 10.0 | 6.3 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.618 | 1.770 | | 10.9 | 10.0 | 9.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.9342 | 1.001 | | 10.7 | 10.0 | 7.2 | 30.0 |
| Benzyl chloride | Ave | 1.315 | 1.419 | | 10.8 | 10.0 | 7.9 | 30.0 |
| n-Butylbenzene | Ave | 1.714 | 1.852 | | 10.8 | 10.0 | 8.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9007 | 0.9495 | | 10.5 | 10.0 | 5.4 | 30.0 |
| n-Undecane | Ave | 1.184 | 1.193 | | 10.1 | 10.0 | 0.8 | 30.0 |
| n-Dodecane | Ave | 1.022 | 1.038 | | 10.2 | 10.0 | 1.5 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6090 | 0.7578 | | 12.4 | 10.0 | 24.4 | 30.0 |
| Hexachlorobutadiene | Ave | 0.5115 | 0.6645 | | 13.0 | 10.0 | 29.9 | 30.0 |
| Naphthalene | Ave | 1.348 | 1.674 | | 12.4 | 10.0 | 24.1 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5699 | 0.6091 | | 10.7 | 10.0 | 6.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: CCVIS 200-212731/2 Calibration Date: 01/13/2025 07:52

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 63648_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 0.7613 | 0.9125 | | 12.0 | 10.0 | 19.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 3.134 | 3.317 | | 10.6 | 10.0 | 5.8 | 30.0 |
| Freon 22 | Ave | 1.815 | 1.961 | | 10.8 | 10.0 | 8.0 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.299 | 3.585 | | 10.9 | 10.0 | 8.6 | 30.0 |
| Chloromethane | Ave | 1.074 | 1.172 | | 10.9 | 10.0 | 9.2 | 30.0 |
| n-Butane | Ave | 2.472 | 2.707 | | 10.9 | 10.0 | 9.5 | 30.0 |
| Vinyl chloride | Ave | 1.834 | 1.869 | | 10.2 | 10.0 | 1.9 | 30.0 |
| 1,3-Butadiene | Ave | 1.457 | 1.424 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Bromomethane | Ave | 1.231 | 1.328 | | 10.8 | 10.0 | 7.9 | 30.0 |
| Chloroethane | Ave | 0.7280 | 0.7800 | | 10.7 | 10.0 | 7.2 | 30.0 |
| Isopentane | Ave | 1.455 | 1.612 | | 11.1 | 10.0 | 10.8 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.203 | 1.308 | | 10.9 | 10.0 | 8.7 | 30.0 |
| Trichlorofluoromethane | Ave | 3.284 | 3.460 | | 10.5 | 10.0 | 5.4 | 30.0 |
| n-Pentane | Ave | 2.370 | 2.602 | | 11.0 | 10.0 | 9.8 | 30.0 |
| Ethanol | Ave | 0.6566 | 0.7124 | | 16.3 | 15.0 | 8.5 | 30.0 |
| Ethyl ether | Ave | 0.995 | 1.099 | | 11.0 | 10.0 | 10.4 | 30.0 |
| Acrolein | Ave | 0.5604 | 0.5985 | | 12.5 | 11.7 | 6.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.404 | 1.484 | | 10.6 | 10.0 | 5.7 | 30.0 |
| Freon TF | Ave | 3.041 | 3.155 | | 10.4 | 10.0 | 3.8 | 30.0 |
| Acetone | Ave | 2.302 | 2.401 | | 10.4 | 10.0 | 4.3 | 30.0 |
| Isopropyl alcohol | Ave | 2.332 | 2.520 | | 12.5 | 11.6 | 8.1 | 30.0 |
| Carbon disulfide | Ave | 4.505 | 4.721 | | 10.5 | 10.0 | 4.8 | 30.0 |
| Acetonitrile | Ave | 1.186 | 1.314 | | 11.1 | 10.0 | 10.8 | 30.0 |
| 3-Chloropropene | Ave | 2.035 | 2.204 | | 10.8 | 10.0 | 8.3 | 30.0 |
| Methylene Chloride | Ave | 1.895 | 2.034 | | 10.7 | 10.0 | 7.3 | 30.0 |
| tert-Butyl alcohol | Ave | 3.024 | 3.218 | | 10.6 | 10.0 | 6.4 | 30.0 |
| Acrylonitrile | Ave | 1.206 | 1.265 | | 10.5 | 10.0 | 4.9 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 2.314 | 2.487 | | 10.7 | 10.0 | 7.5 | 30.0 |
| Methyl tert-butyl ether | Ave | 4.100 | 4.349 | | 10.6 | 10.0 | 6.1 | 30.0 |
| n-Hexane | Ave | 2.437 | 2.628 | | 10.8 | 10.0 | 7.8 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.947 | 3.138 | | 10.6 | 10.0 | 6.5 | 30.0 |
| Vinyl acetate | Ave | 3.302 | 3.411 | | 11.8 | 11.4 | 3.3 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.8062 | 0.8086 | | 10.0 | 10.0 | 0.3 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.589 | 1.666 | | 10.5 | 10.0 | 4.9 | 30.0 |
| Ethyl acetate | Ave | 0.1310 | 0.1335 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Tetrahydrofuran | Ave | 0.3851 | 0.4158 | | 10.8 | 10.0 | 8.0 | 30.0 |
| Chloroform | Ave | 3.305 | 3.386 | | 10.2 | 10.0 | 2.5 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.6362 | 0.6576 | | 10.3 | 10.0 | 3.4 | 30.0 |
| Cyclohexane | Ave | 0.4114 | 0.4298 | | 10.4 | 10.0 | 4.5 | 30.0 |
| Carbon tetrachloride | Ave | 0.6227 | 0.6458 | | 10.4 | 10.0 | 3.7 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: CCVIS 200-212731/2 Calibration Date: 01/13/2025 07:52

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 63648_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 1.009 | 1.040 | | 10.3 | 10.0 | 3.1 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.4492 | 0.4645 | | 10.3 | 10.0 | 3.4 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.624 | 1.781 | | 11.0 | 10.0 | 9.6 | 30.0 |
| n-Heptane | Ave | 0.5931 | 0.6738 | | 11.4 | 10.0 | 13.6 | 30.0 |
| n-Butanol | Ave | 0.2335 | 0.2497 | | 10.7 | 10.0 | 6.9 | 30.0 |
| Trichloroethene | Ave | 0.4367 | 0.4473 | | 10.2 | 10.0 | 2.4 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.4102 | 0.4310 | | 10.5 | 10.0 | 5.1 | 30.0 |
| Methyl methacrylate | Ave | 0.3687 | 0.3830 | | 10.4 | 10.0 | 3.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.2185 | 0.2120 | | 9.70 | 10.0 | -3.0 | 30.0 |
| Dibromomethane | Ave | 0.3484 | 0.3482 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Bromodichloromethane | Ave | 0.7333 | 0.7647 | | 10.4 | 10.0 | 4.3 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.6263 | 0.6682 | | 10.7 | 10.0 | 6.7 | 30.0 |
| methyl isobutyl ketone | Ave | 0.7814 | 0.8567 | | 11.0 | 10.0 | 9.6 | 30.0 |
| Toluene | Ave | 0.7265 | 0.7534 | | 10.4 | 10.0 | 3.7 | 30.0 |
| n-Octane | Ave | 0.8126 | 0.9461 | | 11.6 | 10.0 | 16.4 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.5009 | 0.5338 | | 10.7 | 10.0 | 6.6 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.4123 | 0.4170 | | 10.1 | 10.0 | 1.1 | 30.0 |
| Tetrachloroethene | Ave | 0.5168 | 0.5354 | | 10.4 | 10.0 | 3.6 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.7905 | 0.8740 | | 11.1 | 10.0 | 10.6 | 30.0 |
| Dibromochloromethane | Ave | 0.7254 | 0.7531 | | 10.4 | 10.0 | 3.8 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.6880 | 0.6960 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Chlorobenzene | Ave | 0.9689 | 0.9802 | | 10.1 | 10.0 | 1.2 | 30.0 |
| Ethylbenzene | Ave | 1.618 | 1.695 | | 10.5 | 10.0 | 4.8 | 30.0 |
| m,p-Xylene | Ave | 0.5881 | 0.6205 | | 21.1 | 20.0 | 5.5 | 30.0 |
| n-Nonane | Ave | 0.8632 | 0.9520 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Xylene, o- | Ave | 0.5513 | 0.5891 | | 10.7 | 10.0 | 6.9 | 30.0 |
| Styrene | Ave | 0.9064 | 0.9824 | | 10.8 | 10.0 | 8.4 | 30.0 |
| Bromoform | Ave | 0.6418 | 0.6819 | | 10.6 | 10.0 | 6.3 | 30.0 |
| Cumene | Ave | 1.641 | 1.786 | | 10.9 | 10.0 | 8.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 1.085 | 1.105 | | 10.2 | 10.0 | 1.8 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.8443 | 0.8546 | | 10.1 | 10.0 | 1.2 | 30.0 |
| n-Propylbenzene | Ave | 2.145 | 2.313 | | 10.8 | 10.0 | 7.8 | 30.0 |
| 2-Chlorotoluene | Ave | 1.425 | 1.456 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 4-Ethyltoluene | Ave | 1.642 | 1.779 | | 10.8 | 10.0 | 8.4 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.387 | 1.494 | | 10.8 | 10.0 | 7.8 | 30.0 |
| n-Decane | Ave | 1.134 | 1.233 | | 10.9 | 10.0 | 8.7 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6791 | 0.7515 | | 11.1 | 10.0 | 10.7 | 30.0 |
| tert-Butylbenzene | Ave | 1.273 | 1.375 | | 10.8 | 10.0 | 8.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.377 | 1.508 | | 11.0 | 10.0 | 9.5 | 30.0 |
| sec-Butylbenzene | Ave | 2.033 | 2.217 | | 10.9 | 10.0 | 9.1 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Lab Sample ID: CCVIS 200-212731/2 Calibration Date: 01/13/2025 07:52

Instrument ID: CHAM.i Calib Start Date: 12/20/2024 17:03

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 12/21/2024 11:06

Lab File ID: 63648_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.9350 | 0.9713 | | 10.4 | 10.0 | 3.9 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.618 | 1.789 | | 11.1 | 10.0 | 10.6 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.9342 | 0.9753 | | 10.4 | 10.0 | 4.4 | 30.0 |
| Benzyl chloride | Ave | 1.315 | 1.494 | | 11.4 | 10.0 | 13.6 | 30.0 |
| n-Butylbenzene | Ave | 1.714 | 1.905 | | 11.1 | 10.0 | 11.1 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9007 | 0.9424 | | 10.5 | 10.0 | 4.6 | 30.0 |
| n-Undecane | Ave | 1.184 | 1.264 | | 10.7 | 10.0 | 6.8 | 30.0 |
| n-Dodecane | Ave | 1.022 | 1.087 | | 10.6 | 10.0 | 6.3 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6090 | 0.5715 | | 11.0 | 11.7 | -6.2 | 30.0 |
| Hexachlorobutadiene | Ave | 0.5115 | 0.5239 | | 11.5 | 11.2 | 2.4 | 30.0 |
| Naphthalene | Ave | 1.348 | 1.385 | | 12.2 | 11.9 | 2.7 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.5699 | 0.5252 | | 10.7 | 11.6 | -7.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: ICV 200-213031/21 Calibration Date: 01/22/2025 08:24

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63758_021.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.323 | 1.166 | | 8.82 | 10.0 | -11.8 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.813 | 2.593 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Freon 22 | Ave | 2.193 | 1.912 | | 8.72 | 10.0 | -12.8 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.069 | 2.906 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Chloromethane | Ave | 1.369 | 1.230 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Vinyl chloride | Ave | 1.346 | 1.260 | | 9.36 | 10.0 | -6.4 | 30.0 |
| n-Butane | Ave | 2.099 | 1.816 | | 8.65 | 10.0 | -13.5 | 30.0 |
| 1,3-Butadiene | Ave | 1.081 | 0.9465 | | 8.75 | 10.0 | -12.5 | 30.0 |
| Bromomethane | Ave | 1.037 | 1.056 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Chloroethane | Ave | 0.6939 | 0.6800 | | 9.80 | 10.0 | -2.0 | 30.0 |
| Isopentane | Ave | 1.760 | 1.543 | | 8.76 | 10.0 | -12.4 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 0.9441 | 0.998 | | 10.6 | 10.0 | 5.7 | 30.0 |
| Trichlorofluoromethane | Ave | 2.463 | 2.260 | | 9.18 | 10.0 | -8.2 | 30.0 |
| n-Pentane | Ave | 2.529 | 2.186 | | 8.64 | 10.0 | -13.6 | 30.0 |
| Ethanol | Ave | 0.6542 | 0.5966 | | 13.7 | 15.0 | -8.8 | 30.0 |
| Ethyl ether | Ave | 0.9003 | 0.8340 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Acrolein | Ave | 0.4715 | 0.5259 | | 11.2 | 10.0 | 11.5 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.085 | 1.036 | | 9.55 | 10.0 | -4.5 | 30.0 |
| Freon TF | Ave | 2.163 | 2.053 | | 9.49 | 10.0 | -5.1 | 30.0 |
| Acetone | Ave | 1.934 | 1.623 | | 8.39 | 10.0 | -16.1 | 30.0 |
| Isopropyl alcohol | Ave | 2.066 | 1.999 | | 9.67 | 10.0 | -3.2 | 30.0 |
| Carbon disulfide | Ave | 3.391 | 3.189 | | 9.40 | 10.0 | -6.0 | 30.0 |
| Acetonitrile | Ave | 1.086 | 0.8199 | | 7.55 | 10.0 | -24.5 | 30.0 |
| 3-Chloropropene | Ave | 1.682 | 1.470 | | 8.74 | 10.0 | -12.6 | 30.0 |
| Methylene Chloride | Ave | 1.529 | 1.260 | | 8.24 | 10.0 | -17.6 | 30.0 |
| tert-Butyl alcohol | Ave | 2.460 | 2.193 | | 8.91 | 10.0 | -10.8 | 30.0 |
| Acrylonitrile | Ave | 0.9274 | 0.8066 | | 8.69 | 10.0 | -13.0 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.741 | 1.570 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.174 | 2.869 | | 9.04 | 10.0 | -9.6 | 30.0 |
| n-Hexane | Ave | 1.964 | 1.742 | | 8.87 | 10.0 | -11.3 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.253 | 1.936 | | 8.59 | 10.0 | -14.0 | 30.0 |
| Vinyl acetate | Ave | 2.898 | 2.802 | | 9.67 | 10.0 | -3.3 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.6059 | 0.5588 | | 9.22 | 10.0 | -7.8 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.229 | 1.101 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Ethyl acetate | Ave | 0.0974 | 0.0972 | | 9.98 | 10.0 | -0.1 | 30.0 |
| Tetrahydrofuran | Ave | 0.3086 | 0.2567 | | 8.32 | 10.0 | -16.8 | 30.0 |
| Chloroform | Ave | 2.352 | 2.099 | | 8.92 | 10.0 | -10.7 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.4427 | 0.3966 | | 8.96 | 10.0 | -10.4 | 30.0 |
| Cyclohexane | Ave | 0.3033 | 0.2924 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Carbon tetrachloride | Ave | 0.4028 | 0.3831 | | 9.51 | 10.0 | -4.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: ICV 200-213031/21 Calibration Date: 01/22/2025 08:24

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63758_021.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 0.7391 | 0.7032 | | 9.51 | 10.0 | -4.9 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3220 | 0.2682 | | 8.33 | 10.0 | -16.7 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.259 | 1.140 | | 9.05 | 10.0 | -9.5 | 30.0 |
| n-Heptane | Ave | 0.5008 | 0.4231 | | 8.45 | 10.0 | -15.5 | 30.0 |
| n-Butanol | Ave | 0.1957 | 0.1676 | | 8.56 | 10.0 | -14.4 | 30.0 |
| Trichloroethene | Ave | 0.3052 | 0.2934 | | 9.61 | 10.0 | -3.9 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3075 | 0.2774 | | 9.02 | 10.0 | -9.8 | 30.0 |
| Methyl methacrylate | Ave | 0.2742 | 0.2548 | | 9.29 | 10.0 | -7.1 | 30.0 |
| 1,4-Dioxane | Ave | 0.1493 | 0.1442 | | 9.66 | 10.0 | -3.4 | 30.0 |
| Dibromomethane | Ave | 0.2258 | 0.2236 | | 9.90 | 10.0 | -0.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5145 | 0.4740 | | 9.21 | 10.0 | -7.9 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4790 | 0.4475 | | 9.34 | 10.0 | -6.6 | 30.0 |
| methyl isobutyl ketone | Ave | 0.6453 | 0.5477 | | 8.49 | 10.0 | -15.1 | 30.0 |
| Toluene | Ave | 0.5530 | 0.5438 | | 9.83 | 10.0 | -1.7 | 30.0 |
| n-Octane | Ave | 0.6991 | 0.5849 | | 8.37 | 10.0 | -16.3 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3766 | 0.3714 | | 9.86 | 10.0 | -1.4 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3065 | 0.2938 | | 9.58 | 10.0 | -4.2 | 30.0 |
| Tetrachloroethene | Ave | 0.3670 | 0.3667 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.6853 | 0.5837 | | 8.51 | 10.0 | -14.8 | 30.0 |
| Dibromochloromethane | Ave | 0.4952 | 0.4938 | | 9.97 | 10.0 | -0.3 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.4936 | 0.4820 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Chlorobenzene | Ave | 0.7025 | 0.6926 | | 9.86 | 10.0 | -1.4 | 30.0 |
| Ethylbenzene | Ave | 1.226 | 1.169 | | 9.53 | 10.0 | -4.7 | 30.0 |
| m,p-Xylene | Ave | 0.4468 | 0.4346 | | 19.4 | 20.0 | -2.7 | 30.0 |
| n-Nonane | Ave | 0.6866 | 0.6136 | | 8.94 | 10.0 | -10.6 | 30.0 |
| Xylene, o- | Ave | 0.4344 | 0.4268 | | 9.82 | 10.0 | -1.8 | 30.0 |
| Styrene | Ave | 0.7049 | 0.7000 | | 9.93 | 10.0 | -0.7 | 30.0 |
| Bromoform | Ave | 0.4011 | 0.4425 | | 11.0 | 10.0 | 10.3 | 30.0 |
| Cumene | Ave | 1.282 | 1.228 | | 9.58 | 10.0 | -4.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8133 | 0.7591 | | 9.33 | 10.0 | -6.7 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.6220 | 0.5600 | | 9.00 | 10.0 | -10.0 | 30.0 |
| n-Propylbenzene | Ave | 1.650 | 1.562 | | 9.46 | 10.0 | -5.4 | 30.0 |
| 2-Chlorotoluene | Ave | 1.006 | 0.9397 | | 9.34 | 10.0 | -6.6 | 30.0 |
| 4-Ethyltoluene | Ave | 1.240 | 1.210 | | 9.75 | 10.0 | -2.4 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.029 | 0.9830 | | 9.55 | 10.0 | -4.5 | 30.0 |
| n-Decane | Ave | 0.8800 | 0.7730 | | 8.78 | 10.0 | -12.2 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.5299 | 0.5161 | | 9.74 | 10.0 | -2.6 | 30.0 |
| tert-Butylbenzene | Ave | 0.9673 | 0.9193 | | 9.50 | 10.0 | -5.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.047 | 0.9799 | | 9.36 | 10.0 | -6.4 | 30.0 |
| sec-Butylbenzene | Ave | 1.572 | 1.500 | | 9.54 | 10.0 | -4.5 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: ICV 200-213031/21 Calibration Date: 01/22/2025 08:24

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63758_021.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.6589 | 0.6345 | | 9.63 | 10.0 | -3.7 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.240 | 1.173 | | 9.45 | 10.0 | -5.5 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.6587 | 0.6294 | | 9.55 | 10.0 | -4.4 | 30.0 |
| Benzyl chloride | Ave | 1.051 | 0.9671 | | 9.20 | 10.0 | -7.9 | 30.0 |
| n-Butylbenzene | Ave | 1.379 | 1.259 | | 9.13 | 10.0 | -8.7 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6400 | 0.6093 | | 9.52 | 10.0 | -4.8 | 30.0 |
| n-Undecane | Ave | 0.9850 | 0.8052 | | 8.17 | 10.0 | -18.3 | 30.0 |
| n-Dodecane | Ave | 0.9558 | 0.6486 | | 6.79 | 10.0 | -32.1* | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.4365 | 0.4353 | | 9.97 | 10.0 | -0.3 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3475 | 0.3578 | | 10.3 | 10.0 | 3.0 | 30.0 |
| Naphthalene | Ave | 1.077 | 1.000 | | 9.28 | 10.0 | -7.2 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.4336 | 0.3602 | | 8.31 | 10.0 | -16.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: CCVIS 200-213150/2 Calibration Date: 01/25/2025 10:49

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63800_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.323 | 1.373 | | 10.4 | 10.0 | 3.8 | 30.0 |
| Dichlorodifluoromethane | Ave | 2.813 | 2.810 | | 9.99 | 10.0 | -0.1 | 30.0 |
| Freon 22 | Ave | 2.193 | 2.212 | | 10.1 | 10.0 | 0.9 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 3.069 | 3.053 | | 9.95 | 10.0 | -0.5 | 30.0 |
| Chloromethane | Ave | 1.369 | 1.351 | | 9.86 | 10.0 | -1.3 | 30.0 |
| Vinyl chloride | Ave | 1.346 | 1.118 | | 8.31 | 10.0 | -16.9 | 30.0 |
| n-Butane | Ave | 2.099 | 1.923 | | 9.16 | 10.0 | -8.4 | 30.0 |
| 1,3-Butadiene | Ave | 1.081 | 0.8873 | | 8.20 | 10.0 | -18.0 | 30.0 |
| Bromomethane | Ave | 1.037 | 1.021 | | 9.85 | 10.0 | -1.5 | 30.0 |
| Chloroethane | Ave | 0.6939 | 0.6465 | | 9.32 | 10.0 | -6.8 | 30.0 |
| Isopentane | Ave | 1.760 | 1.666 | | 9.46 | 10.0 | -5.3 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 0.9441 | 0.8630 | | 9.14 | 10.0 | -8.6 | 30.0 |
| Trichlorofluoromethane | Ave | 2.463 | 2.337 | | 9.49 | 10.0 | -5.1 | 30.0 |
| n-Pentane | Ave | 2.529 | 2.465 | | 9.75 | 10.0 | -2.5 | 30.0 |
| Ethanol | Ave | 0.6542 | 0.6166 | | 14.1 | 15.0 | -5.7 | 30.0 |
| Ethyl ether | Ave | 0.9003 | 0.8424 | | 9.36 | 10.0 | -6.4 | 30.0 |
| Acrolein | Ave | 0.4715 | 0.4252 | | 10.6 | 11.7 | -9.8 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.085 | 0.9877 | | 9.10 | 10.0 | -9.0 | 30.0 |
| Freon TF | Ave | 2.163 | 2.002 | | 9.26 | 10.0 | -7.4 | 30.0 |
| Acetone | Ave | 1.934 | 2.016 | | 10.4 | 10.0 | 4.2 | 30.0 |
| Isopropyl alcohol | Ave | 2.066 | 2.039 | | 11.4 | 11.6 | -1.3 | 30.0 |
| Carbon disulfide | Ave | 3.391 | 3.246 | | 9.57 | 10.0 | -4.3 | 30.0 |
| Acetonitrile | Ave | 1.086 | 1.104 | | 10.2 | 10.0 | 1.7 | 30.0 |
| 3-Chloropropene | Ave | 1.682 | 1.511 | | 8.98 | 10.0 | -10.2 | 30.0 |
| Methylene Chloride | Ave | 1.529 | 1.474 | | 9.64 | 10.0 | -3.6 | 30.0 |
| tert-Butyl alcohol | Ave | 2.460 | 2.408 | | 9.79 | 10.0 | -2.1 | 30.0 |
| Acrylonitrile | Ave | 0.9274 | 0.9102 | | 9.81 | 10.0 | -1.9 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.741 | 1.679 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Methyl tert-butyl ether | Ave | 3.174 | 3.015 | | 9.50 | 10.0 | -5.0 | 30.0 |
| n-Hexane | Ave | 1.964 | 1.852 | | 9.43 | 10.0 | -5.7 | 30.0 |
| 1,1-Dichloroethane | Ave | 2.253 | 2.131 | | 9.46 | 10.0 | -5.4 | 30.0 |
| Vinyl acetate | Ave | 2.898 | 2.927 | | 11.5 | 11.4 | 1.0 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.6059 | 0.5818 | | 9.60 | 10.0 | -4.0 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.229 | 1.106 | | 9.00 | 10.0 | -10.0 | 30.0 |
| Ethyl acetate | Ave | 0.0974 | 0.0892 | | 9.16 | 10.0 | -8.4 | 30.0 |
| Tetrahydrofuran | Ave | 0.3086 | 0.3068 | | 9.94 | 10.0 | -0.6 | 30.0 |
| Chloroform | Ave | 2.352 | 2.268 | | 9.64 | 10.0 | -3.6 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.4427 | 0.4236 | | 9.57 | 10.0 | -4.3 | 30.0 |
| Cyclohexane | Ave | 0.3033 | 0.2840 | | 9.36 | 10.0 | -6.4 | 30.0 |
| Carbon tetrachloride | Ave | 0.4028 | 0.4004 | | 9.94 | 10.0 | -0.6 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: CCVIS 200-213150/2 Calibration Date: 01/25/2025 10:49

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63800_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 0.7391 | 0.6972 | | 9.43 | 10.0 | -5.7 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.3220 | 0.3149 | | 9.78 | 10.0 | -2.2 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 1.259 | 1.208 | | 9.59 | 10.0 | -4.1 | 30.0 |
| n-Heptane | Ave | 0.5008 | 0.4865 | | 9.71 | 10.0 | -2.9 | 30.0 |
| n-Butanol | Ave | 0.1957 | 0.1934 | | 9.88 | 10.0 | -1.2 | 30.0 |
| Trichloroethene | Ave | 0.3052 | 0.2905 | | 9.52 | 10.0 | -4.8 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.3075 | 0.2950 | | 9.59 | 10.0 | -4.1 | 30.0 |
| Methyl methacrylate | Ave | 0.2742 | 0.2635 | | 9.61 | 10.0 | -3.9 | 30.0 |
| 1,4-Dioxane | Ave | 0.1493 | 0.1422 | | 9.52 | 10.0 | -4.7 | 30.0 |
| Dibromomethane | Ave | 0.2258 | 0.2125 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Bromodichloromethane | Ave | 0.5145 | 0.5019 | | 9.75 | 10.0 | -2.5 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4790 | 0.4667 | | 9.74 | 10.0 | -2.6 | 30.0 |
| methyl isobutyl ketone | Ave | 0.6453 | 0.6458 | | 10.0 | 10.0 | 0.0 | 30.0 |
| Toluene | Ave | 0.5530 | 0.5130 | | 9.28 | 10.0 | -7.2 | 30.0 |
| n-Octane | Ave | 0.6991 | 0.6872 | | 9.83 | 10.0 | -1.7 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3766 | 0.3718 | | 9.87 | 10.0 | -1.3 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.3065 | 0.2827 | | 9.22 | 10.0 | -7.8 | 30.0 |
| Tetrachloroethene | Ave | 0.3670 | 0.3304 | | 9.00 | 10.0 | -10.0 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.6853 | 0.6699 | | 9.77 | 10.0 | -2.3 | 30.0 |
| Dibromochloromethane | Ave | 0.4952 | 0.4673 | | 9.43 | 10.0 | -5.6 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.4936 | 0.4607 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Chlorobenzene | Ave | 0.7025 | 0.6558 | | 9.33 | 10.0 | -6.6 | 30.0 |
| Ethylbenzene | Ave | 1.226 | 1.158 | | 9.44 | 10.0 | -5.6 | 30.0 |
| m,p-Xylene | Ave | 0.4468 | 0.4227 | | 18.9 | 20.0 | -5.4 | 30.0 |
| n-Nonane | Ave | 0.6866 | 0.6459 | | 9.41 | 10.0 | -5.9 | 30.0 |
| Xylene, o- | Ave | 0.4344 | 0.4154 | | 9.56 | 10.0 | -4.4 | 30.0 |
| Styrene | Ave | 0.7049 | 0.6954 | | 9.86 | 10.0 | -1.4 | 30.0 |
| Bromoform | Ave | 0.4011 | 0.3792 | | 9.45 | 10.0 | -5.5 | 30.0 |
| Cumene | Ave | 1.282 | 1.245 | | 9.71 | 10.0 | -2.8 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.8133 | 0.7777 | | 9.56 | 10.0 | -4.4 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.6220 | 0.5985 | | 9.62 | 10.0 | -3.8 | 30.0 |
| n-Propylbenzene | Ave | 1.650 | 1.615 | | 9.78 | 10.0 | -2.1 | 30.0 |
| 2-Chlorotoluene | Ave | 1.006 | 0.9816 | | 9.76 | 10.0 | -2.4 | 30.0 |
| 4-Ethyltoluene | Ave | 1.240 | 1.229 | | 9.91 | 10.0 | -0.9 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.029 | 1.028 | | 9.99 | 10.0 | -0.1 | 30.0 |
| n-Decane | Ave | 0.8800 | 0.8629 | | 9.80 | 10.0 | -1.9 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.5299 | 0.5454 | | 10.3 | 10.0 | 2.9 | 30.0 |
| tert-Butylbenzene | Ave | 0.9673 | 0.9681 | | 10.0 | 10.0 | 0.0 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.047 | 1.059 | | 10.1 | 10.0 | 1.2 | 30.0 |
| sec-Butylbenzene | Ave | 1.572 | 1.600 | | 10.2 | 10.0 | 1.8 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Lab Sample ID: CCVIS 200-213150/2 Calibration Date: 01/25/2025 10:49

Instrument ID: CHAN.i Calib Start Date: 01/21/2025 17:45

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/22/2025 07:32

Lab File ID: 63800_002.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.6589 | 0.6720 | | 10.2 | 10.0 | 2.0 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.240 | 1.276 | | 10.3 | 10.0 | 2.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.6587 | 0.6737 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Benzyl chloride | Ave | 1.051 | 1.032 | | 9.83 | 10.0 | -1.7 | 30.0 |
| n-Butylbenzene | Ave | 1.379 | 1.439 | | 10.4 | 10.0 | 4.3 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.6400 | 0.6555 | | 10.2 | 10.0 | 2.4 | 30.0 |
| n-Undecane | Ave | 0.9850 | 1.015 | | 10.3 | 10.0 | 3.0 | 30.0 |
| n-Dodecane | Ave | 0.9558 | 0.997 | | 10.4 | 10.0 | 4.3 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.4365 | 0.4542 | | 12.2 | 11.7 | 4.0 | 30.0 |
| Hexachlorobutadiene | Ave | 0.3475 | 0.3677 | | 11.9 | 11.2 | 5.8 | 30.0 |
| Naphthalene | Ave | 1.077 | 1.270 | | 14.0 | 11.9 | 17.9 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.4336 | 0.4581 | | 12.3 | 11.6 | 5.7 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: ICV 200-212577/22 Calibration Date: 01/07/2025 12:20

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63594-22.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.171 | 1.279 | | 10.9 | 10.0 | 9.2 | 30.0 |
| Dichlorodifluoromethane | Ave | 4.446 | 4.784 | | 10.8 | 10.0 | 7.6 | 30.0 |
| Freon 22 | Ave | 2.330 | 2.493 | | 10.7 | 10.0 | 7.0 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 4.873 | 5.205 | | 10.7 | 10.0 | 6.8 | 30.0 |
| Chloromethane | Ave | 1.414 | 1.509 | | 10.7 | 10.0 | 6.7 | 30.0 |
| Vinyl chloride | Ave | 1.147 | 1.155 | | 10.1 | 10.0 | 0.7 | 30.0 |
| n-Butane | Ave | 1.315 | 1.340 | | 10.2 | 10.0 | 1.9 | 30.0 |
| 1,3-Butadiene | Ave | 0.7010 | 0.7463 | | 10.6 | 10.0 | 6.5 | 30.0 |
| Bromomethane | Ave | 0.8028 | 0.7494 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Chloroethane | Ave | 0.5146 | 0.3861 | | 7.50 | 10.0 | -25.0 | 30.0 |
| Isopentane | Ave | 1.237 | 1.265 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.419 | 1.483 | | 10.4 | 10.0 | 4.5 | 30.0 |
| Trichlorofluoromethane | Ave | 3.328 | 3.374 | | 10.1 | 10.0 | 1.4 | 30.0 |
| n-Pentane | Ave | 1.691 | 1.779 | | 10.5 | 10.0 | 5.2 | 30.0 |
| Ethanol | Ave | 0.5194 | 0.4786 | | 13.8 | 15.0 | -7.9 | 30.0 |
| Ethyl ether | Ave | 0.7429 | 0.7798 | | 10.5 | 10.0 | 5.0 | 30.0 |
| Acrolein | Ave | 0.3574 | 0.4228 | | 11.8 | 10.0 | 18.3 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.347 | 1.311 | | 9.73 | 10.0 | -2.7 | 30.0 |
| Freon TF | Ave | 2.683 | 2.748 | | 10.2 | 10.0 | 2.4 | 30.0 |
| Acetone | Ave | 1.256 | 1.285 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Carbon disulfide | Ave | 3.228 | 3.314 | | 10.3 | 10.0 | 2.7 | 30.0 |
| Isopropyl alcohol | Ave | 1.300 | 1.625 | | 12.5 | 10.0 | 25.0 | 30.0 |
| Acetonitrile | Ave | 0.5622 | 0.5690 | | 10.1 | 10.0 | 1.2 | 30.0 |
| 3-Chloropropene | Ave | 1.024 | 1.000 | | 9.76 | 10.0 | -2.4 | 30.0 |
| Methylene Chloride | Ave | 0.9089 | 0.9204 | | 10.1 | 10.0 | 1.3 | 30.0 |
| tert-Butyl alcohol | Ave | 1.811 | 1.966 | | 10.9 | 10.0 | 8.6 | 30.0 |
| Acrylonitrile | Ave | 0.5521 | 0.5622 | | 10.2 | 10.0 | 1.8 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.267 | 1.295 | | 10.2 | 10.0 | 2.2 | 30.0 |
| Methyl tert-butyl ether | Ave | 2.765 | 2.804 | | 10.1 | 10.0 | 1.4 | 30.0 |
| n-Hexane | Ave | 1.220 | 1.282 | | 10.5 | 10.0 | 5.0 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.675 | 1.614 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Vinyl acetate | Ave | 1.598 | 1.926 | | 12.0 | 10.0 | 20.5 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.4809 | 0.4936 | | 10.3 | 10.0 | 2.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.312 | 1.212 | | 9.23 | 10.0 | -7.6 | 30.0 |
| Ethyl acetate | Ave | 0.0889 | 0.0929 | | 10.4 | 10.0 | 4.5 | 30.0 |
| Tetrahydrofuran | Ave | 0.1655 | 0.1683 | | 10.2 | 10.0 | 1.7 | 30.0 |
| Chloroform | Ave | 2.186 | 2.197 | | 10.0 | 10.0 | 0.5 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.5141 | 0.5128 | | 9.97 | 10.0 | -0.2 | 30.0 |
| Cyclohexane | Ave | 0.2901 | 0.3077 | | 10.6 | 10.0 | 6.1 | 30.0 |
| Carbon tetrachloride | Ave | 0.5783 | 0.5656 | | 9.78 | 10.0 | -2.2 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: ICV 200-212577/22 Calibration Date: 01/07/2025 12:20

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63594-22.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 0.6704 | 0.6765 | | 10.1 | 10.0 | 0.9 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.2815 | 0.2781 | | 9.88 | 10.0 | -1.2 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 0.8566 | 0.8948 | | 10.4 | 10.0 | 4.5 | 30.0 |
| n-Heptane | Ave | 0.2670 | 0.2769 | | 10.4 | 10.0 | 3.7 | 30.0 |
| n-Butanol | Ave | 0.1346 | 0.1454 | | 10.8 | 10.0 | 8.1 | 30.0 |
| Trichloroethene | Ave | 0.3388 | 0.3311 | | 9.77 | 10.0 | -2.3 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2067 | 0.2208 | | 10.7 | 10.0 | 6.8 | 30.0 |
| Methyl methacrylate | Ave | 0.2171 | 0.2227 | | 10.3 | 10.0 | 2.6 | 30.0 |
| Dibromomethane | Ave | 0.4160 | 0.4106 | | 9.87 | 10.0 | -1.3 | 30.0 |
| 1,4-Dioxane | Ave | 0.1540 | 0.1612 | | 10.5 | 10.0 | 4.6 | 30.0 |
| Bromodichloromethane | Ave | 0.5109 | 0.5112 | | 10.0 | 10.0 | 0.0 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4238 | 0.4388 | | 10.4 | 10.0 | 3.5 | 30.0 |
| methyl isobutyl ketone | Ave | 0.3685 | 0.3746 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Toluene | Ave | 0.5610 | 0.5600 | | 9.98 | 10.0 | -0.2 | 30.0 |
| n-Octane | Ave | 0.3743 | 0.3825 | | 10.2 | 10.0 | 2.2 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3502 | 0.3594 | | 10.3 | 10.0 | 2.6 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2684 | 0.2647 | | 9.86 | 10.0 | -1.4 | 30.0 |
| Tetrachloroethene | Ave | 0.6556 | 0.6208 | | 9.47 | 10.0 | -5.3 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.3735 | 0.3847 | | 10.3 | 10.0 | 3.0 | 30.0 |
| Dibromochloromethane | Ave | 0.6830 | 0.6911 | | 10.1 | 10.0 | 1.2 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5706 | 0.5653 | | 9.90 | 10.0 | -0.9 | 30.0 |
| Chlorobenzene | Ave | 0.8681 | 0.8440 | | 9.72 | 10.0 | -2.8 | 30.0 |
| Ethylbenzene | Ave | 1.269 | 1.250 | | 9.85 | 10.0 | -1.5 | 30.0 |
| m,p-Xylene | Ave | 0.5136 | 0.5125 | | 20.0 | 20.0 | -0.2 | 30.0 |
| n-Nonane | Ave | 0.4609 | 0.4695 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Xylene, o- | Ave | 0.4957 | 0.4974 | | 10.0 | 10.0 | 0.3 | 30.0 |
| Styrene | Ave | 0.7680 | 0.7684 | | 10.0 | 10.0 | 0.0 | 30.0 |
| Bromoform | Ave | 0.7030 | 0.7263 | | 10.3 | 10.0 | 3.3 | 30.0 |
| Cumene | Ave | 1.505 | 1.471 | | 9.77 | 10.0 | -2.3 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7184 | 0.7129 | | 9.92 | 10.0 | -0.8 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.5345 | 0.5221 | | 9.77 | 10.0 | -2.3 | 30.0 |
| n-Propylbenzene | Ave | 1.661 | 1.611 | | 9.70 | 10.0 | -3.0 | 30.0 |
| 2-Chlorotoluene | Ave | 1.062 | 1.019 | | 9.60 | 10.0 | -4.0 | 30.0 |
| 4-Ethyltoluene | Ave | 1.449 | 1.389 | | 9.58 | 10.0 | -4.2 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.268 | 1.234 | | 9.73 | 10.0 | -2.7 | 30.0 |
| n-Decane | Ave | 0.6360 | 0.6358 | | 9.99 | 10.0 | -0.0 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6350 | 0.6372 | | 10.0 | 10.0 | 0.3 | 30.0 |
| tert-Butylbenzene | Ave | 1.350 | 1.334 | | 9.88 | 10.0 | -1.1 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.277 | 1.222 | | 9.57 | 10.0 | -4.3 | 30.0 |
| sec-Butylbenzene | Ave | 1.901 | 1.877 | | 9.87 | 10.0 | -1.3 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: ICV 200-212577/22 Calibration Date: 01/07/2025 12:20

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63594-22.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.9672 | 0.9181 | | 9.49 | 10.0 | -5.1 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.743 | 1.759 | | 10.1 | 10.0 | 0.9 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.9513 | 0.8874 | | 9.33 | 10.0 | -6.7 | 30.0 |
| Benzyl chloride | Ave | 1.027 | 1.063 | | 10.3 | 10.0 | 3.5 | 30.0 |
| n-Butylbenzene | Ave | 1.445 | 1.459 | | 10.1 | 10.0 | 1.0 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9724 | 0.9255 | | 9.52 | 10.0 | -4.8 | 30.0 |
| n-Undecane | Ave | 0.7636 | 0.6312 | | 8.26 | 10.0 | -17.3 | 30.0 |
| n-Dodecane | Ave | 0.7489 | 0.3511 | | 5.00 | 10.0 | -53.1* | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6976 | 0.5714 | | 8.19 | 10.0 | -18.1 | 30.0 |
| Hexachlorobutadiene | Ave | 0.9835 | 1.027 | | 10.4 | 10.0 | 4.4 | 30.0 |
| Naphthalene | Ave | 1.405 | 1.046 | | 7.44 | 10.0 | -25.6 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.7529 | 0.6179 | | 8.21 | 10.0 | -17.9 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: CCVIS 200-213161/2 Calibration Date: 01/27/2025 11:19

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63807-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Propylene | Ave | 1.171 | 1.252 | | 10.7 | 10.0 | 6.9 | 30.0 |
| Dichlorodifluoromethane | Ave | 4.446 | 4.574 | | 10.3 | 10.0 | 2.9 | 30.0 |
| Freon 22 | Ave | 2.330 | 2.418 | | 10.4 | 10.0 | 3.8 | 30.0 |
| 1,2-Dichlorotetrafluoroethane | Ave | 4.873 | 4.958 | | 10.2 | 10.0 | 1.8 | 30.0 |
| Chloromethane | Ave | 1.414 | 1.380 | | 9.75 | 10.0 | -2.4 | 30.0 |
| Vinyl chloride | Ave | 1.147 | 1.025 | | 8.93 | 10.0 | -10.7 | 30.0 |
| n-Butane | Ave | 1.315 | 1.266 | | 9.62 | 10.0 | -3.7 | 30.0 |
| 1,3-Butadiene | Ave | 0.7010 | 0.6861 | | 9.79 | 10.0 | -2.1 | 30.0 |
| Bromomethane | Ave | 0.8028 | 0.7876 | | 9.81 | 10.0 | -1.9 | 30.0 |
| Chloroethane | Ave | 0.5146 | 0.4658 | | 9.05 | 10.0 | -9.5 | 30.0 |
| Isopentane | Ave | 1.237 | 1.078 | | 8.71 | 10.0 | -12.9 | 30.0 |
| Bromoethene(Vinyl Bromide) | Ave | 1.419 | 1.274 | | 8.97 | 10.0 | -10.2 | 30.0 |
| Trichlorofluoromethane | Ave | 3.328 | 3.263 | | 9.80 | 10.0 | -2.0 | 30.0 |
| n-Pentane | Ave | 1.691 | 1.631 | | 9.64 | 10.0 | -3.6 | 30.0 |
| Ethanol | Ave | 0.5194 | 0.4354 | | 12.6 | 15.0 | -16.2 | 30.0 |
| Ethyl ether | Ave | 0.7429 | 0.7263 | | 9.77 | 10.0 | -2.2 | 30.0 |
| Acrolein | Ave | 0.3574 | 0.3656 | | 12.0 | 11.7 | 2.3 | 30.0 |
| 1,1-Dichloroethene | Ave | 1.347 | 1.256 | | 9.32 | 10.0 | -6.8 | 30.0 |
| Freon TF | Ave | 2.683 | 2.720 | | 10.1 | 10.0 | 1.4 | 30.0 |
| Acetone | Ave | 1.256 | 1.395 | | 11.1 | 10.0 | 11.0 | 30.0 |
| Carbon disulfide | Ave | 3.228 | 3.304 | | 10.2 | 10.0 | 2.3 | 30.0 |
| Isopropyl alcohol | Ave | 1.300 | 1.357 | | 12.1 | 11.6 | 4.4 | 30.0 |
| Acetonitrile | Ave | 0.5622 | 0.6116 | | 10.9 | 10.0 | 8.8 | 30.0 |
| 3-Chloropropene | Ave | 1.024 | 1.044 | | 10.2 | 10.0 | 1.9 | 30.0 |
| Methylene Chloride | Ave | 0.9089 | 1.006 | | 11.1 | 10.0 | 10.7 | 30.0 |
| tert-Butyl alcohol | Ave | 1.811 | 1.989 | | 11.0 | 10.0 | 9.8 | 30.0 |
| Acrylonitrile | Ave | 0.5521 | 0.6194 | | 11.2 | 10.0 | 12.2 | 30.0 |
| trans-1,2-Dichloroethene | Ave | 1.267 | 1.425 | | 11.2 | 10.0 | 12.4 | 30.0 |
| Methyl tert-butyl ether | Ave | 2.765 | 3.133 | | 11.3 | 10.0 | 13.3 | 30.0 |
| n-Hexane | Ave | 1.220 | 1.386 | | 11.4 | 10.0 | 13.6 | 30.0 |
| 1,1-Dichloroethane | Ave | 1.675 | 1.798 | | 10.7 | 10.0 | 7.4 | 30.0 |
| Vinyl acetate | Ave | 1.598 | 1.878 | | 13.4 | 11.4 | 17.5 | 30.0 |
| Methyl Ethyl Ketone | Ave | 0.4809 | 0.5076 | | 10.6 | 10.0 | 5.6 | 30.0 |
| cis-1,2-Dichloroethene | Ave | 1.312 | 1.261 | | 9.61 | 10.0 | -3.9 | 30.0 |
| Ethyl acetate | Ave | 0.0889 | 0.0993 | | 11.2 | 10.0 | 11.7 | 30.0 |
| Tetrahydrofuran | Ave | 0.1655 | 0.1890 | | 11.4 | 10.0 | 14.2 | 30.0 |
| Chloroform | Ave | 2.186 | 2.334 | | 10.7 | 10.0 | 6.8 | 30.0 |
| 1,1,1-Trichloroethane | Ave | 0.5141 | 0.5706 | | 11.1 | 10.0 | 11.0 | 30.0 |
| Cyclohexane | Ave | 0.2901 | 0.3175 | | 10.9 | 10.0 | 9.4 | 30.0 |
| Carbon tetrachloride | Ave | 0.5783 | 0.6384 | | 11.0 | 10.0 | 10.4 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: CCVIS 200-213161/2 Calibration Date: 01/27/2025 11:19

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63807-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| Benzene | Ave | 0.6704 | 0.7049 | | 10.5 | 10.0 | 5.1 | 30.0 |
| 1,2-Dichloroethane | Ave | 0.2815 | 0.3182 | | 11.3 | 10.0 | 13.1 | 30.0 |
| 2,2,4-Trimethylpentane | Ave | 0.8566 | 0.9666 | | 11.3 | 10.0 | 12.8 | 30.0 |
| n-Heptane | Ave | 0.2670 | 0.3090 | | 11.6 | 10.0 | 15.7 | 30.0 |
| n-Butanol | Ave | 0.1346 | 0.1307 | | 9.71 | 10.0 | -2.9 | 30.0 |
| Trichloroethene | Ave | 0.3388 | 0.3461 | | 10.2 | 10.0 | 2.2 | 30.0 |
| 1,2-Dichloropropane | Ave | 0.2067 | 0.2334 | | 11.3 | 10.0 | 12.9 | 30.0 |
| Methyl methacrylate | Ave | 0.2171 | 0.2286 | | 10.5 | 10.0 | 5.3 | 30.0 |
| Dibromomethane | Ave | 0.4160 | 0.4470 | | 10.7 | 10.0 | 7.5 | 30.0 |
| 1,4-Dioxane | Ave | 0.1540 | 0.1454 | | 9.43 | 10.0 | -5.6 | 30.0 |
| Bromodichloromethane | Ave | 0.5109 | 0.5540 | | 10.8 | 10.0 | 8.4 | 30.0 |
| cis-1,3-Dichloropropene | Ave | 0.4238 | 0.4523 | | 10.7 | 10.0 | 6.7 | 30.0 |
| methyl isobutyl ketone | Ave | 0.3685 | 0.3935 | | 10.7 | 10.0 | 6.8 | 30.0 |
| Toluene | Ave | 0.5610 | 0.6046 | | 10.8 | 10.0 | 7.8 | 30.0 |
| n-Octane | Ave | 0.3743 | 0.4259 | | 11.4 | 10.0 | 13.8 | 30.0 |
| trans-1,3-Dichloropropene | Ave | 0.3502 | 0.3776 | | 10.8 | 10.0 | 7.8 | 30.0 |
| 1,1,2-Trichloroethane | Ave | 0.2684 | 0.2817 | | 10.5 | 10.0 | 5.0 | 30.0 |
| Tetrachloroethene | Ave | 0.6556 | 0.6909 | | 10.5 | 10.0 | 5.4 | 30.0 |
| Methyl Butyl Ketone (2-Hexanone) | Ave | 0.3735 | 0.3768 | | 10.1 | 10.0 | 0.9 | 30.0 |
| Dibromochloromethane | Ave | 0.6830 | 0.7618 | | 11.2 | 10.0 | 11.5 | 30.0 |
| 1,2-Dibromoethane | Ave | 0.5706 | 0.5991 | | 10.5 | 10.0 | 5.0 | 30.0 |
| Chlorobenzene | Ave | 0.8681 | 0.8873 | | 10.2 | 10.0 | 2.2 | 30.0 |
| Ethylbenzene | Ave | 1.269 | 1.306 | | 10.3 | 10.0 | 2.9 | 30.0 |
| m,p-Xylene | Ave | 0.5136 | 0.5439 | | 21.2 | 20.0 | 5.9 | 30.0 |
| n-Nonane | Ave | 0.4609 | 0.5081 | | 11.0 | 10.0 | 10.2 | 30.0 |
| Xylene, o- | Ave | 0.4957 | 0.5117 | | 10.3 | 10.0 | 3.2 | 30.0 |
| Styrene | Ave | 0.7680 | 0.7804 | | 10.2 | 10.0 | 1.6 | 30.0 |
| Bromoform | Ave | 0.7030 | 0.7910 | | 11.3 | 10.0 | 12.5 | 30.0 |
| Cumene | Ave | 1.505 | 1.508 | | 10.0 | 10.0 | 0.2 | 30.0 |
| 1,1,2,2-Tetrachloroethane | Ave | 0.7184 | 0.7104 | | 9.89 | 10.0 | -1.1 | 30.0 |
| 1,2,3-Trichloropropane | Ave | 0.5345 | 0.5157 | | 9.65 | 10.0 | -3.5 | 30.0 |
| n-Propylbenzene | Ave | 1.661 | 1.601 | | 9.64 | 10.0 | -3.6 | 30.0 |
| 2-Chlorotoluene | Ave | 1.062 | 1.018 | | 9.59 | 10.0 | -4.1 | 30.0 |
| 4-Ethyltoluene | Ave | 1.449 | 1.399 | | 9.65 | 10.0 | -3.5 | 30.0 |
| 1,3,5-Trimethylbenzene | Ave | 1.268 | 1.275 | | 10.1 | 10.0 | 0.5 | 30.0 |
| n-Decane | Ave | 0.6360 | 0.6926 | | 10.9 | 10.0 | 8.9 | 30.0 |
| Alpha Methyl Styrene | Ave | 0.6350 | 0.6208 | | 9.77 | 10.0 | -2.2 | 30.0 |
| tert-Butylbenzene | Ave | 1.350 | 1.419 | | 10.5 | 10.0 | 5.2 | 30.0 |
| 1,2,4-Trimethylbenzene | Ave | 1.277 | 1.284 | | 10.1 | 10.0 | 0.5 | 30.0 |
| sec-Butylbenzene | Ave | 1.901 | 1.965 | | 10.3 | 10.0 | 3.3 | 30.0 |

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Lab Sample ID: CCVIS 200-213161/2 Calibration Date: 01/27/2025 11:19

Instrument ID: CHX.i Calib Start Date: 01/06/2025 18:57

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/07/2025 11:22

Lab File ID: 63807-02.D Conc. Units: ppb v/v Heated Purge: (Y/N) N

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|---|---|---|---|---|---|---|---|---|
| 1,3-Dichlorobenzene | Ave | 0.9672 | 0.9086 | | 9.39 | 10.0 | -6.1 | 30.0 |
| 4-Isopropyltoluene | Ave | 1.743 | 1.925 | | 11.0 | 10.0 | 10.4 | 30.0 |
| 1,4-Dichlorobenzene | Ave | 0.9513 | 0.8624 | | 9.06 | 10.0 | -9.3 | 30.0 |
| Benzyl chloride | Ave | 1.027 | 0.9798 | | 9.54 | 10.0 | -4.6 | 30.0 |
| n-Butylbenzene | Ave | 1.445 | 1.572 | | 10.9 | 10.0 | 8.8 | 30.0 |
| 1,2-Dichlorobenzene | Ave | 0.9724 | 0.9265 | | 9.53 | 10.0 | -4.7 | 30.0 |
| n-Undecane | Ave | 0.7636 | 0.8120 | | 10.6 | 10.0 | 6.3 | 30.0 |
| n-Dodecane | Ave | 0.7489 | 0.7257 | | 9.69 | 10.0 | -3.1 | 30.0 |
| 1,2,4-Trichlorobenzene | Ave | 0.6976 | 0.4896 | | 8.23 | 11.7 | -29.8 | 30.0 |
| Hexachlorobutadiene | Ave | 0.9835 | 1.069 | | 12.2 | 11.2 | 8.6 | 30.0 |
| Naphthalene | Ave | 1.405 | 1.066 | | 9.02 | 11.9 | -24.1 | 30.0 |
| 1,2,3-Trichlorobenzene | Ave | 0.7529 | 0.5742 | | 8.88 | 11.6 | -23.7 | 30.0 |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Instrument ID: CHAM.i Start Date: 12/20/2024 14:29

Analysis Batch Number: 212331 End Date: 12/21/2024 11:06

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-212331/1 | | 12/20/2024 14:29 | 1 | 63469_001.D | RTX-624 0.32(mm) |
| IC 200-212331/4 | | 12/20/2024 17:03 | 1 | 63469_004.D | RTX-624 0.32(mm) |
| IC 200-212331/5 | | 12/20/2024 17:54 | 1 | 63469_005.D | RTX-624 0.32(mm) |
| ICIS 200-212331/9 | | 12/20/2024 21:19 | 1 | 63469_009.D | RTX-624 0.32(mm) |
| IC 200-212331/10 | | 12/20/2024 22:10 | 1 | 63469_010.D | RTX-624 0.32(mm) |
| IC 200-212331/13 | | 12/21/2024 00:44 | 1 | 63469_013.D | RTX-624 0.32(mm) |
| IC 200-212331/14 | | 12/21/2024 01:35 | 1 | 63469_014.D | RTX-624 0.32(mm) |
| IC 200-212331/15 | | 12/21/2024 02:27 | 1 | 63469_015.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 03:18 | 1 | | RTX-624 0.32(mm) |
| IC 200-212331/24 | | 12/21/2024 11:06 | 1 | 63469_024.D | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Instrument ID: CHAM.i Start Date: 12/21/2024 13:19

Analysis Batch Number: 212348 End Date: 12/22/2024 11:55

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-212348/1 | | 12/21/2024 13:19 | 1 | 63479_001.D | RTX-624 0.32(mm) |
| ICV 200-212348/3 | | 12/21/2024 15:02 | 1 | 6379_003.D | RTX-624 0.32(mm) |
| CCVIS 200-212348/4 | | 12/21/2024 15:53 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 12/21/2024 16:44 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 12/21/2024 17:36 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 18:38 | 0.2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 19:39 | 0.2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 20:31 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 12/21/2024 21:22 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 22:14 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 23:06 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/21/2024 23:57 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 00:48 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 01:40 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 02:31 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 03:22 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 04:14 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 05:05 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 05:56 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 06:47 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 07:39 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 08:30 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 09:22 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 10:13 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 11:04 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 12/22/2024 11:55 | 1 | | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76527-1

SDG No.:

Instrument ID: CHAM.i Start Date: 01/13/2025 07:03

Analysis Batch Number: 212731 End Date: 01/14/2025 06:25

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-212731/1 | | 01/13/2025 07:03 | 1 | 63648_001.D | RTX-624 0.32(mm) |
| CCVIS 200-212731/2 | | 01/13/2025 07:52 | 1 | 63648_002.D | RTX-624 0.32(mm) |
| LCS 200-212731/3 | | 01/13/2025 08:43 | 1 | 63648_003.D | RTX-624 0.32(mm) |
| MB 200-212731/4 | | 01/13/2025 09:34 | 1 | 63648_004.D | RTX-624 0.32(mm) |
| 200-76527-3 | 5039 | 01/13/2025 10:35 | 0.2 | 63648_005.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 11:37 | 0.2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 12:28 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 13:19 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 14:11 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 15:02 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 15:53 | 10 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 16:44 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 17:35 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 18:26 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 01/13/2025 19:17 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 20:09 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 21:00 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 21:51 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 22:43 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/13/2025 23:35 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 00:26 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 01:17 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 02:09 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 03:00 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 03:51 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 04:43 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 05:34 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/14/2025 06:25 | 2 | | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Instrument ID: CHAN.i Start Date: 01/21/2025 15:14

Analysis Batch Number: 213031 End Date: 01/22/2025 08:24

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-213031/1 | | 01/21/2025 15:14 | 1 | 63758_001.D | RTX-624 0.32(mm) |
| IC 200-213031/4 | | 01/21/2025 17:45 | 1 | 63758_004.D | RTX-624 0.32(mm) |
| IC 200-213031/6 | | 01/21/2025 19:28 | 1 | 63758_006.D | RTX-624 0.32(mm) |
| IC 200-213031/7 | | 01/21/2025 20:20 | 1 | 63758_007.D | RTX-624 0.32(mm) |
| IC 200-213031/8 | | 01/21/2025 21:12 | 1 | 63758_008.D | RTX-624 0.32(mm) |
| ICIS 200-213031/9 | | 01/21/2025 22:03 | 1 | 63758_009.D | RTX-624 0.32(mm) |
| IC 200-213031/10 | | 01/21/2025 22:55 | 1 | 63758_010.D | RTX-624 0.32(mm) |
| IC 200-213031/12 | | 01/22/2025 00:39 | 1 | 63758_012.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/22/2025 05:48 | 1 | | RTX-624 0.32(mm) |
| IC 200-213031/20 | | 01/22/2025 07:32 | 1 | 63758_020.D | RTX-624 0.32(mm) |
| ICV 200-213031/21 | | 01/22/2025 08:24 | 1 | 63758_021.D | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76720-1

SDG No.:

Instrument ID: CHAN.i Start Date: 01/25/2025 10:02

Analysis Batch Number: 213150 End Date: 01/26/2025 06:30

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-213150/1 | | 01/25/2025 10:02 | 1 | 63800_001.D | RTX-624 0.32(mm) |
| CCVIS 200-213150/2 | | 01/25/2025 10:49 | 1 | 63800_002.D | RTX-624 0.32(mm) |
| LCS 200-213150/3 | | 01/25/2025 11:42 | 1 | 63800_003.D | RTX-624 0.32(mm) |
| MB 200-213150/5 | | 01/25/2025 13:25 | 1 | 63800_005.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 14:26 | 0.2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 15:30 | 0.2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 16:22 | 498 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 17:14 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 18:05 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 18:57 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 19:48 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 20:40 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 21:33 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 22:25 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/25/2025 23:17 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 00:09 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 01:01 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 01:53 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 02:45 | 2.99 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 03:37 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (QC) | | 01/26/2025 04:29 | 4 | | RTX-624 0.32(mm) |
| 200-76720-2 | 4820 | 01/26/2025 05:29 | 0.2 | 63800_023.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/26/2025 06:30 | 0.2 | | RTX-624 0.32(mm) |

# AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington  Job No.: 200-76733-1

SDG No.:

Instrument ID: CHX.i  Start Date: 01/06/2025 16:03

Analysis Batch Number: 212577  End Date: 01/07/2025 12:20

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-212577/1 | | 01/06/2025 16:03 | 1 | 63594-01.D | RTX-624 0.32(mm) |
| IC 200-212577/4 | | 01/06/2025 18:57 | 1 | 63594-04.D | RTX-624 0.32(mm) |
| IC 200-212577/6 | | 01/06/2025 20:52 | 1 | 63594-06.D | RTX-624 0.32(mm) |
| IC 200-212577/10 | | 01/07/2025 00:42 | 1 | 63594-10.D | RTX-624 0.32(mm) |
| ICIS 200-212577/11 | | 01/07/2025 01:40 | 1 | 63594-11.D | RTX-624 0.32(mm) |
| IC 200-212577/12 | | 01/07/2025 02:38 | 1 | 63594-12.D | RTX-624 0.32(mm) |
| IC 200-212577/15 | | 01/07/2025 05:33 | 1 | 63594-15.D | RTX-624 0.32(mm) |
| IC 200-212577/16 | | 01/07/2025 06:31 | 1 | 63594-16.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/07/2025 07:28 | 1 | | RTX-624 0.32(mm) |
| IC 200-212577/21 | | 01/07/2025 11:22 | 1 | 63594-21.D | RTX-624 0.32(mm) |
| ICV 200-212577/22 | | 01/07/2025 12:20 | 1 | 63594-22.D | RTX-624 0.32(mm) |

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 200-76733-1

SDG No.:

Instrument ID: CHX.i Start Date: 01/27/2025 10:11

Analysis Batch Number: 213161 End Date: 01/27/2025 20:29

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---|---|---|---|---|---|
| BFB 200-213161/1 | | 01/27/2025 10:11 | 1 | 63807-01.D | RTX-624 0.32(mm) |
| CCVIS 200-213161/2 | | 01/27/2025 11:19 | 1 | 63807-02.D | RTX-624 0.32(mm) |
| LCS 200-213161/3 | | 01/27/2025 12:17 | 1 | 63807-03.D | RTX-624 0.32(mm) |
| MB 200-213161/4 | | 01/27/2025 13:16 | 1 | 63807-04.D | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 14:14 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 15:11 | 2.98 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 16:08 | 4 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 17:06 | 2 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 18:04 | 1 | | RTX-624 0.32(mm) |
| ZZZZZ (Client) | | 01/27/2025 19:16 | 0.2 | | RTX-624 0.32(mm) |
| 200-76733-3 | 27028 | 01/27/2025 20:29 | 0.2 | 63807-11.D | RTX-624 0.32(mm) |

# Shipping and Receiving Documents

YC 222

**Eurofins TestAmerica, Burlington**
30 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.660.1990 fax 802.660.1919

# Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

eurofins | Environment Testing TestAmerica

**TestAmerica Laboratories, Inc. d/b/a Eurofins TestAmerica**

| | | | |
|---|---|---|---|
| **Client Contact Information** | **Client Project Manager:** Brooke Hildebrand | **Samples Collected By:** BH | COC No: |
| Company Name: ~~Princeton Geoscience, Inc.~~ Roux | **Phone:** | | 1 of ____ COCs |
| Address: ~~200 Nassau St.~~ 207 Shotts St. | **Email:** bhildebrand@roux-inc.com | | TALS Project #: |
| City/State/Zip: ~~Princeton, NJ 028542~~ Islandia NY 11749 | | | **For Lab Use Only:** |
| Phone. | **Site Contact:** Brian Hildebrand | | Walk-in Client: |
| FAX: | **Tel/Fax** 516 665 3534 | | Lab Sampling: |
| Project Name: 2014 Fulton Ave Brooklyn | **Analysis Turnaround Time** | | Job / SDG No.: |
| Site/Location: Sano Building | Standard (Specific): Standard | | (See below for Add'l Items) |
| P O # | Rush (Specifiy): | | |

| Sample Identification | Sample Start Date | Time Start | Sample End Date | Time Stop | Canister Vacuum in Field, "Hg (Start) | Canister Vacuum in Field, "Hg (Stop) | Flow Controller ID | Canister ID | TO-14/15 (Standard / Low Level) | TO-15 SIM | EPA 3C | EPA 25C | ASTM D-1946 | EPA 15/16 | Other (Please specify in notes section) | Sample Type | Indoor Air/Ambient Air | Sub-Slab | Soil Gas | Soil Vapor Extraction (SVE) | Landfill Gas | Other (Please specify in notes section) | Sample Specific Notes: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RX-21-01 | 2/5/25 | 5100 | 2/5/25 | 1117 | -24 | -4 | 4532 | 3712 | X | | | | | | | | | | | | | | TO-15 Analysis |
| DUP-020525 | 2/5/25 | 2700 | 2/5/25 | 1116 | -24 | -4 | 3454 | 4476 | X | | | | | | | | | | | | | | TO-15 Analysis |
| RX-18-01 | 2/5/25 | 2758 | 2/5/25 | 1202 | -30 | -35 | 3741 | 5413 | X | | | | | | | | | | | | | | TO-15 Analysis |

200-76885 Chain of Custody

| Temperature (Fahrenheit) | | |
|---|---|---|
| | Interior | Ambient |
| Start | | |
| Stop | | |

| Pressure (inches of Hg) | | |
|---|---|---|
| | Interior | Ambient |
| Start | | |
| Stop | | |

**Special Instructions/QC Requirements & Comments:**

| | | |
|---|---|---|
| **Samples Shipped by:** | **Date / Time:** | **Samples Received by:** |
| **Samples Relinquished by:** | **Date / Time:** 2/5/25 | **Received by:** 1:12 |
| **Relinquished by:** | **Date / Time:** 2/5/25 1700 | **Received by:** ETA Burl 2/6/25 1030 |
| **Lab Use Only:** | **Shipper Name:** | **Opened by:** **Condition:** |

ORIGIN ID:AIVA (646) 745-0906
TESTAMERICA NYC

47-32 32ND PLACE,
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 05FEB25
ACTWGT 40.00 LB
CAD 112977992/INET4535

BILL RECIPIENT

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**TESTAMERICA**
**530 COMMUNITY DR STE 11**

**SOUTH BURLINGTON VT 05403**
(802) 923-1026 REF
INV
PO. DEPT.

58CJ2/E49C/C6C4

FedEx Express

J25102412170tuv

3 of 3

MPS# 0263 **7718 9858 4444**
Mstr# **7718 9858 4422**

**THU - 06 FEB 10:30A**
**PRIORITY OVERNIGHT**

0201

**NX BTVA**

**05403**
**VT-US BTV**

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2 of 3

MPS# 0263 **7718 9858 4433**
Mstr# **7718 9858 4422**

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PRIORITY OVERNIGHT

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# Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 200-76885-1

**Login Number: 76885**
**List Number: 1**
**Creator: Khudaier, Zahraa**

**List Source: Eurofins Burlington**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | N/A | Not present |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | N/A | Thermal preservation not required. |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | N/A | Thermal preservation not required. |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | N/A | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | True | |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |